**Supplementary material S1**

**Table 1**. Database with anuran-endoparasite interactions recorded for South America.

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| --- | --- | --- |
| **Species of host** | **Species of parasites** | **Reference** |
| *Adenomera andreae* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Adenomera hylaedactyla* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Allobates femoralis* | *Cosmocerca podicipinus* | Bursey et al 2001 |
| *Allobates marchesianus* | *Cosmocerca podicipinus* | Bursey et al 2001 |
| *Allobates marchesianus* | *Cylindrotaenia americana* | Bursey et al 2001 |
| *Ameerega parvula* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Ameerega picta* | *Cosmocerca parva* | Bursey et al 2001 |
| *Ameerega picta* | *Oswaldocruzia lopesi* | Bursey et al 2001 |
| *Ameerega trivittata* | *Cosmocerca parva* | McAllister et al 2010c |
| *Anaxyrus americanos* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Anaxyrus terrestris* | *Glypthelmis linguatula* | Yamaguti 1958 |
| *Atelopus bomolochus* | *Aplectana hylambatis* | Iannacone 2003a |
| *Atelopus bomolochus* | *Batracholandros spectatus* | Iannacone 2003a |
| *Atelopus bomolochus* | *Rhabdias sphaerocephala* | Iannacone 2003a |
| *Atelopus bomolochus* | *Cylindrotaenia americana* | Iannacone 2003a |
| *Atelopus bomolochus* | *Gorgoderina parvicava* | Iannacone 2003a |
| *Atelopus oxyrhynchus* | *Acanthocephalus ula* | Bursey et al 2006 |
| *Atelopus spurrelli* | *Cosmocerca podicipinus* | Goldberg and Bursey 2003 |
| *Ceratophrys aurita* | *Oxysomatium baylisi* | Vicente et al 1991 |
| *Ceratophrys aurita* | *Oswaldocruzia filiformis* | Walton 1935 |
| *Ceratophrys aurita* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Ceratophrys cornuta* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Ceratophrys cornuta* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Ceratophrys cornuta* | *Schulzia subventriculosa* | Walton 1935 |
| *Ceratophrys cornuta* | *Schulzia subventriculosa* | Vicente et al 1991 |
| *Ceratophrys cornuta* | *Glypthelmis linguatula* | Travassos et al 1969 |
| *Ceratophrys cornuta* | *Nomimoscolex touzeti* | De Chambrier and Vaucher 1992 |
| *Ceratophrys cranwelli* | *Haematoloechus longiplexus* | Hamann and Pérez 1999 |
| *Chiasmocleis capixaba* | *Cosmocerca ornata* | Sluys et al 2004 |
| *Colostethus fraterdanieli* | *Cosmocerca parva* | Sánchez et al 2010 |
| *Craugastor gollmeri* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Crossodactylus gaudichaudii* | *Capillaria recondita* | Vicente et al 1991 |
| *Crossodactylus gaudichaudii* | *Aplectana crossodactyli* | Vicente et al 1991 |
| *Crossodactylus gaudichaudii* | *Falcaustra mascula* | Vicente et al 1991 |
| *Dendropsophus brevifrons* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Dendropsophus cachimbo* | *Cosmocerca brasiliense* | Goldberg et al 2007 |
| *Dendropsophus koechlini* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Dendropsophus leucophyllatus* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Dendropsophus marmoratus* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Dendropsophus marmoratus* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Dendropsophus marmoratus* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Dendropsophus marmoratus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Dendropsophus marmoratus* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Dendropsophus nanus* | *Cosmocerca podicipinus* | González and Hamann 2011 |
| *Dendropsophus parviceps* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Dendropsophus rhodopeplus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Dendropsophus sanborni* | *Cosmocerca parva* | González and Hamann 2011 |
| *Dendropsophus sarayacuensis* | *Glypthelmins parva* | Bursey et al 2001 |
| *Dendropsophus sarayacuensis* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Dendropsophus sarayacuensis* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Dermatonotus muelleri* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Dermatonotus muelleri* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Dermatonotus muelleri* | *Ophiotaenia cohospes* | McAllister et al 2010b |
| *Edalorhina perezi* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Edalorhina perezi* | *Cosmocerca parva* | Bursey et al 2001 |
| *Edalorhina perezi* | *Physalopteroides venancioi* | Bursey et al 2001 |
| *Elachistocleis bicolor* | *Oxyascaris oxyascaris* | Graca et al 2017 |
| *Elachistocleis bicolor* | *Travtrema aff. stenocotyle* | Hamann and González 2009 |
| *Elachistocleis ovalis* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Elachistocleis ovalis* | *Cosmocerca parva* | Bursey et al 2001 |
| *Elachistocleis ovalis* | *Raillietnema spectans* | Bursey et al 2001 |
| *Eupemphix nattereri* | *Filaria bufonis* | Walton 1935 |
| *Eupsophus calcaratus* | *Aplectana artigasi* | Puga and Torres 1997 |
| *Eupsophus contulmoensis* | *Hannemania ortizi* | Fuente et al 2016 |
| *Eupsophus nahuelbutensis* | *Hannemania gonzaleacunae* | Fuente et al 2016 |
| *Eupsophus roseus* | *Aplectana artigasi* | Puga and Torres 1999 |
| *Eupsophus roseus* | *Rudolphitrema chilensis* | Puga and Torres 1999 |
| *Gastrotheca riobambae* | *Polystoma touzetti* | Vaucher 1987 |
| *Hamptophryne boliviana* | *Cosmocerca parva* | Bursey et al 2001 |
| *Hamptophryne boliviana* | *Oswaldocruzia lopesi* | Bursey et al 2001 |
| *Hamptophryne boliviana* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Hemipipa carvalhoi* | *Catadiscus mirandai* | Travassos et al 1969 |
| *Hylodes lateristrigatus* | *Acanthocephalus acutispinus* | Bursey et al 2006 |
| *Hylodes nasus* | *Cosmocerca parva* | Vicente et al 1991 |
| *Hylodes nasus* | *Aplectana micropenis* | Vicente et al 1991 |
| *Hylodes nasus* | *Aplectana vellardi* | Baker 1980a |
| *Hylodes nasus* | *Falcaustra mascula* | Vicente et al 1991 |
| *Hylodes nasus* | *Ophisthiogliphe amplicavus* | Travassos et al 1969 |
| *Hylodes nasus* | *Gorgoderina cedroi* | Travassos et al 1969 |
| *Hylodes nasus* | *Dolichosaccus amplicavus* | Yamaguti 1958 |
| *Hylodes phyllodes* | *Anuracanthorhyncus tritaxisentis* | Bursey et al 2006 |
| *Hylodes phyllodes* | *Cylindrotaenia cf. americana* | Aguiar et al 2014 |
| *Hypsiboas albomarginatus* | *Pseudoacanthcephalus lutzi* | Bursey et al 2006 |
| *Hypsiboas albomarginatus* | *Pseudoacanthcephalus lutzi* | Smales 2007 |
| *Hypsiboas albomarginatus* | *Pseudoacanthcephalus lutzi* | Pinhão et al 2009 |
| *Hypsiboas albomarginatus* | *Pseudoacanthcephalus lutzi* | Arredondo and Pertierra 2009 |
| *Hypsiboas albomarginatus* | *Pseudoacanthcephalus lutzi* | Santos and Amato 2010a |
| *Hypsiboas albopunctatus* | *Falcaustra mascula* | Holmes et al 2008 |
| *Hypsiboas albopunctatus* | *Ochoterenella digicauda* | Lent et al 1946 |
| *Hypsiboas albopunctatus* | *Ochoterenella digicauda* | Graca et al 2017 |
| *Hypsiboas albopunctatus* | *Choledocystus simulans* | Graca et al 2017 |
| *Hypsiboas albopunctatus* | *Ochoterenella digicauda* | Rodrigues et al 1982 |
| *Hypsiboas boans* | *Oswaldocruzia chabaudi* | Ben Slimane and Durette-Desset 1996a |
| *Hypsiboas boans* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Hypsiboas boans* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Hypsiboas calcaratus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Hypsiboas calcaratus* | *Oswaldocruzia albareti* | Ben Slimane and Durette-Desset 1996a |
| *Hypsiboas cinerascens* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Hypsiboas faber* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Hypsiboas faber* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Hypsiboas faber* | *Cosmocerca brasiliense* | Vicente et al 1991 |
| *Hypsiboas faber* | *Cosmocerca travassosi* | Vicente et al 1991 |
| *Hypsiboas faber* | *Raillietnema simples* | Vicente et al 1991 |
| *Hypsiboas faber* | *Raillietnema simples* | Vicente et al 1991 |
| *Hypsiboas faber* | *Raillietnema simples* | McAllister et al 2010b |
| *Hypsiboas faber* | *Falcaustra mascula* | Fabio 1982 |
| *Hypsiboas faber* | *Falcaustra mascula* | Vicente et al 1991 |
| *Hypsiboas faber* | *Oxyascaris similis* | Vicente et al 1991 |
| *Hypsiboas faber* | *Oxyascaris similis* | Vicente et al 1991 |
| *Hypsiboas faber* | *Cosmocerca podicipinus* | McAllister et al 2010b |
| *Hypsiboas faber* | *Foleyella convoluta* | Walton 1935 |
| *Hypsiboas fasciatus* | *Oswaldocruzia albareti* | Ben Slimane and Durette-Desset 1996a |
| *Hypsiboas fasciatus* | *Oswaldocruzia chabaudi* | Ben Slimane and Durette-Desset 1996a |
| *Hypsiboas fasciatus* | *Ochoterenella vellardi* | Bursey et al 2001 |
| *Hypsiboas fasciatus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Hypsiboas fasciatus* | *Cosmocerca parva* | Bursey et al 2001 |
| *Hypsiboas fasciatus* | *Oswaldocruzia lopesi* | Bursey et al 2001 |
| *Hypsiboas geographicus* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Hypsiboas geographicus* | *Oswaldocruzia albareti* | Ben Slimane and Durette-Desset 1996a |
| *Hypsiboas geographicus* | *Oswaldocruzia chabaudi* | Ben Slimane and Durette-Desset 1996a |
| *Hypsiboas geographicus* | *Ophiotaenia ecuadorensis* | Dyer 1986 |
| *Hypsiboas geographicus* | *Ophiotaenia olseni* | Dyer and Altig 1977 |
| *Hypsiboas lanciformes* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Hypsiboas lanciformes* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Hypsiboas lanciformes* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Hypsiboas lanciformes* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Hypsiboas lanciformes* | *Rhabdias elegans* | McAllister et al 2010a |
| *Hypsiboas lanciformes* | *Rhabdias elegans* | McAllister et al 2010a |
| *Hypsiboas lanciformes* | *Rhabdias elegans* | McAllister et al 2010a |
| *Hypsiboas lanciformes* | *Ochoterenella digicauda* | Dyer and Altig 1977 |
| *Hypsiboas lundii* | *Ochoterenella digiticauda* | Toledo et al 2013 |
| *Hypsiboas pardalis* | *Centrorhynchus tumidulus* | Travassos 1926a |
| *Hypsiboas prasinus* | *Cylindrotaenia americana* | Madelaire et al 2012 |
| *Hypsiboas prasinus* | *Cylindrotaenia americana* | Madelaire et al 2012 |
| *Hypsiboas prasinus* | *Rhabdias fuelleborni* | Madelaire et al 2012 |
| *Hypsiboas prasinus* | *Rhabdias fuelleborni* | Madelaire et al 2012 |
| *Hypsiboas puchellus* | *Polystoma guevari* | Vaucher 1987 |
| *Hypsiboas punctatus* | *Aplectana hylambatis* | Gonzáles and Hamann 2006b |
| *Hypsiboas punctatus* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Hypsiboas punctatus* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Hypsiboas punctatus* | *Ochoterenella digiticauda* | Graca et al 2017 |
| *Hypsiboas punctatus* | *Cosmocerca brasiliense* | McAllister et al 2010a |
| *Hypsiboas raniceps* | *Glypthelmins vitellinophilum* | Travassos et al 1969 |
| *Hypsiboas raniceps* | *Aplectana hylambatis* | Gonzáles and Hamann 2006b |
| *Hypsiboas raniceps* | *Cosmocerca parva* | González and Hamann 2011 |
| *Hypsiboas raniceps* | *Oswaldocruzia proencai* | Lent et al 1946 |
| *Hypsiboas raniceps* | *Oswaldocruzia proencai* | Masi and Maciel 1974 |
| *Hypsiboas raniceps* | *Aplectana travassosi* | Graca et al 2017 |
| *Hypsiboas raniceps* | *Choledocystus simulans* | Graca et al 2017 |
| *Hypsiboas raniceps* | *Glypthelmins vitellinophilum* | Travassos et al 1969 |
| *Ischnocnema guentheri* | *Rhabdias fuelleborni* | Martins and Fabio 2005 |
| *Ischnocnema guentheri* | *Oxyascaris oxyascaris* | Martins and Fabio 2005 |
| *Ischnocnema guentheri* | *Falcaustra mascula* | Martins and Fabio 2005 |
| *Ischnocnema guentheri* | *Schulzia subventriculosa* | Vicente et al 1991 |
| *Ischnocnema guentheri* | *Cosmocerca brasiliense* | Martins and Fabio 2005 |
| *Ischnocnema guentheri* | *Cosmocerca brasiliense* | Vicente et al 1991 |
| *Ischnocnema guentheri* | *Aplectana pintoi* | Vicente et al 1991 |
| *Ischnocnema guentheri* | *Aplectana vellardi* | Martins and Fabio 2005 |
| *Ischnocnema guentheri* | *Aplectana vellardi* | Vicente et al 1991 |
| *Ischnocnema parva* | *Falcaustra mascula* | Martins and Fabio 2005 |
| *Ischnocnema parva* | *Aplectana membranosa* | Martins and Fabio 2005 |
| *Ischnocnema parva* | *Cylindrotaenia cf. americana* | Aguiar et al 2014 |
| *Lepidobatrachus asper* | *Ophiotaenia cohospes* | McAllister et al 2010b |
| *Leptodactylus bolivianus* | *Glypthelmis linguatula* | Yamaguti 1958 |
| *Leptodactylus bolivianus* | *Glypthelmins parva* | Yamaguti 1958 |
| *Leptodactylus bolivianus* | *Glypthelmins repandum* | Yamaguti 1958 |
| *Leptodactylus bolivianus* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Leptodactylus bolivianus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Leptodactylus bolivianus* | *Oswaldocruzia lopesi* | Bursey et al 2001 |
| *Leptodactylus bolivianus* | *Physalopteroides venancioi* | Bursey et al 2001 |
| *Leptodactylus bufonius* | *Acanthocephalus caspanensis* | Smales 2007 |
| *Leptodactylus bufonius* | *Haematoloechus longiplexus* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Bursotrema tetracotyloides* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Travtrema aff. stenocotyle* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Schrankiana chacoensis* | González & Hamann 2013 |
| *Leptodactylus bufonius* | *Rhabdias elegans* | Hamann et al 2012 |
| *Leptodactylus bufonius* | *Oswaldocruzia proencai* | Vicente et al 1991 |
| *Leptodactylus bufonius* | *Cosmocerca ornata* | Baker and Vaucher 1984 |
| *Leptodactylus bufonius* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Leptodactylus bufonius* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Leptodactylus bufonius* | *Aplectana hylambatis* | Hamann et al 2012 |
| *Leptodactylus bufonius* | *Aplectana hylambatis* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Schulzia travassosi* | Durette-Desset et al 1986 |
| *Leptodactylus bufonius* | *Schulzia travassosi* | González & Hamann 2015 |
| *Leptodactylus bufonius* | *Rhabdias elegans* | González and Hamann 2006b |
| *Leptodactylus bufonius* | *Rhabdias elegans* | Hamann et al 2012 |
| *Leptodactylus bufonius* | *Rhabdias elegans* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Cosmocerca podicipinus* | González and Hamann 2006b |
| *Leptodactylus bufonius* | *Cosmocerca podicipinus* | Hamann et al 2012 |
| *Leptodactylus bufonius* | *Cosmocerca podicipinus* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Cosmocerca parva* | González and Hamann 2006b |
| *Leptodactylus bufonius* | *Cosmocerca parva* | Hamann et al 2012 |
| *Leptodactylus bufonius* | *Cosmocerca parva* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Catadiscus inopinatus* | González and Hamann 2006b |
| *Leptodactylus bufonius* | *Catadiscus inopinatus* | Hamann and González 2015 |
| *Leptodactylus bufonius* | *Glypthelmins repandum* | González and Hamann 2006b |
| *Leptodactylus bufonius* | *Glypthelmins repandum* | Hamann and González 2015 |
| *Leptodactylus chaquensis* | *Cosmocerca parva* | Masi Pallares and Maciel 1974 |
| *Leptodactylus chaquensis* | *Cosmocerca parva* | Baker and Vaucher 1984 |
| *Leptodactylus chaquensis* | *Cosmocerca parva* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Cosmocerca parva* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Falcaustra mascula* | Graca et al 2017 |
| *Leptodactylus chaquensis* | *Oxyascaris oxyascaris* | Graca et al 2017 |
| *Leptodactylus chaquensis* | *Aplectana travassosi* | Graca et al 2017 |
| *Leptodactylus chaquensis* | *Rauschiella repandum* | Graca et al 2017 |
| *Leptodactylus chaquensis* | *Cosmocerca podicipinus* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Cosmocerca podicipinus* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Leptodactylus chaquensis* | *Aplectana hylambatis* | Baker and Vaucher 1984 |
| *Leptodactylus chaquensis* | *Aplectana hylambatis* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Aplectana delirae* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Bursotrema tetracotyloides* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Catadiscus inopinatus* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Catadiscus propinquus* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Glypthelmis palmipedis* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Glypthelmis palmipedis* | Hamann, Kehr, González 2009 |
| *Leptodactylus chaquensis* | *Glypthelmis palmipedis* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Glypthelmins repandum* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Glypthelmins repandum* | Hamann, Kehr, González 2009 |
| *Leptodactylus chaquensis* | *Glypthelmins repandum* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Gorgoderina parvicava* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Gorgoderina parvicava* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Gorgoderina rochalimae* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Haematoloechus longiplexus* | Hamann and Pérez 1999 |
| *Leptodactylus chaquensis* | *Haematoloechus longiplexus* | Hamann, Kehr, González 2006 |
| *Leptodactylus chaquensis* | *Haematoloechus longiplexus* | Schaefer et al 2006 |
| *Leptodactylus chaquensis* | *Travtrema aff. stenocotyle* | Hamann, González and Kehr 2006 |
| *Leptodactylus elenae* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Leptodactylus elenae* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Leptodactylus elenae* | *Aplectana paraelenae* | Baker 1987 |
| *Leptodactylus elenae* | *Aplectana elenae* | Baker 1987 |
| *Leptodactylus elenae* | *Oxyascaris oxyascaris* | Baker and Vaucher 1985 |
| *Leptodactylus elenae* | *Cosmocerca parva* | Masi Pallares and Maciel 1974 |
| *Leptodactylus elenae* | *Cosmocerca parva* | Baker and Vaucher 1986 |
| *Leptodactylus elenae* | *Cosmocerca podicipinus* | Baker 1987 |
| *Leptodactylus elenae* | *Aplectana delirae* | González & Hamann 2013 |
| *Leptodactylus elenae* | *Schrankiana formosula* | Goldberg et al 2007 |
| *Leptodactylus elenae* | *Schrankiana formosula* | Vicente et al 1991 |
| *Leptodactylus elenae* | *Schrankiana formosula* | Vicente et al 1991 |
| *Leptodactylus elenae* | *Schrankiana fuscus* | Goldberg et al 2007 |
| *Leptodactylus elenae* | *Schrankiana larvata* | Vicente et al 1991 |
| *Leptodactylus elenae* | *Schrankiana larvata* | Vicente et al 1991 |
| *Leptodactylus elenae* | *Schrankiana larvata* | Goldberg et al 2009 |
| *Leptodactylus elenae* | *Oxyascaris oxyascaris* | Baker and Vaucher 1985 |
| *Leptodactylus elenae* | *Oxyascaris oxyascaris* | Vicente et al 1991 |
| *Leptodactylus elenae* | *Oxyascaris caudactus* | Fabio 1982 |
| *Leptodactylus elenae* | *Ochoterenella convoluta* | Vicente et al 1991 |
| *Leptodactylus elenae* | *Foleyella convoluta* | Walton 1935 |
| *Leptodactylus elenae* | *Oswaldocruzia mazzai* | Goldberg et al 2007 |
| *Leptodactylus elenae* | *Mesocoelium monas* | Fabio 1982 |
| *Leptodactylus fuscus* | *Oswaldocruzia proencai* | Vicente et al 1991 |
| *Leptodactylus fuscus* | *Oswaldocruzia vaucheri* | Goldberg et al 2007 |
| *Leptodactylus fuscus* | *Oswaldocruzia vaucheri* | Ben Slimane and Durette-Desset 1993 |
| *Leptodactylus fuscus* | *Cosmocerca parva* | Vicente et al 1991 |
| *Leptodactylus fuscus* | *Aplectana travassosi* | Graca et al 2017 |
| *Leptodactylus fuscus* | *Schrankiana formulosa* | Graca et al 2017 |
| *Leptodactylus fuscus* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Leptodactylus fuscus* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Leptodactylus fuscus* | *Cosmocerca podicipinus* | González & Hamann 2014 |
| *Leptodactylus fuscus* | *Cosmocerca podicipinus* | Goldberg et al 2009 |
| *Leptodactylus gracilis* | *Strongyloides carinii* | Yamaguti 1961 |
| *Leptodactylus gracilis* | *Strongyloides carinii* | Vicente et al 1991 |
| *Leptodactylus labyrinthicus* | *Ochoterenella digicauda* | Vicente et al 1991 |
| *Leptodactylus labyrinthicus* | *Oxyascaris oxyascaris* | Fabio 1982 |
| *Leptodactylus labyrinthicus* | *Oxyascaris similis* | Vicente et al 1991 |
| *Leptodactylus labyrinthicus* | *Glypthelmis linguatula* | Travassos et al 1969 |
| *Leptodactylus labyrinthicus* | *Glypthelmis palmipedis* | Travassos et al 1969 |
| *Leptodactylus labyrinthicus* | *Choledocystus elegans* | Travassos et al 1969 |
| *Leptodactylus labyrinthicus* | *Neohaematoloechus neivai* | Travassos et al 1969 |
| *Leptodactylus labyrinthicus* | *Gorgoderina parvicava* | Travassos et al 1969 |
| *Leptodactylus latinasus* | *Cosmocerca podicipinus* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Cosmocerca parva* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Cosmocerca rara* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Cosmocerca cruzi* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Aplectana hylambatis* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Schrankiana schranki* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Glypthelmins repandum* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Haematoloechus longiplexus* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Catadiscus inopinatus* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Bursotrema tetracotyloides* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Travtrema aff. stenocotyle* | Hamann, González and Kehr 2006 |
| *Leptodactylus latinasus* | *Travtrema aff. stenocotyle* | Hamann and González 2009 |
| *Leptodactylus leptodactyloides* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Leptodactylus leptodactyloides* | *Cosmocerca parva* | Bursey et al 2001 |
| *Leptodactylus leptodactyloides* | *Cosmocerca podicipinus* | Bursey et al 2001 |
| *Leptodactylus leptodactyloides* | *Cosmocerca podicipinus* | Goldberg et al 2009 |
| *Leptodactylus leptodactyloides* | *Cosmocerca parva* | McAllister et al 2010c |
| *Leptodactylus lineatus* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Leptodactylus lineatus* | *Aplectana membranosa* | McAllister et al 2010a |
| *Leptodactylus lineatus* | *Aplectana membranosa* | McAllister et al 2010a |
| *Leptodactylus lineatus* | *Aplectana membranosa* | McAllister et al 2010a |
| *Leptodactylus macrosternum* | *Cosmocerca podicipinus* | Baker 1987 |
| *Leptodactylus macrosternum* | *Rhabdias breviensis* | Nascimento et al 2013 |
| *Leptodactylus macrosternum* | *Oxyascaris oxyascaris* | Baker and Vaucher 1985 |
| *Leptodactylus marmoratus* | *Cosmocerca parva* | Vicente et al 1991 |
| *Leptodactylus martinezi* | *Brachycoelium salamandrae* | Goldberg et al 2007 |
| *Leptodactylus mystaceus* | *Cosmocerca parva* | Vicente et al 1991 |
| *Leptodactylus mystaceus* | *Aplectana membranosa* | Fabio 1982 |
| *Leptodactylus mystaceus* | *Aplectana membranosa* | Vicente et al 1991 |
| *Leptodactylus mystaceus* | *Aplectana travassosi* | Dyer 1990 |
| *Leptodactylus mystaceus* | *Schrankiana freitasi* | Goldberg et al 2007 |
| *Leptodactylus mystaceus* | *Schrankiana larvata* | Goldberg et al 2009 |
| *Leptodactylus mystaceus* | *Oxyascaris oxyascaris* | Vicente et al 1991 |
| *Leptodactylus mystaceus* | *Oxyascaris caudactus* | Fabio 1982 |
| *Leptodactylus mystaceus* | *Schrankiana larvata* | Bursey et al 2001 |
| *Leptodactylus mystaceus* | *Schrankiana schranki* | Bursey et al 2001 |
| *Leptodactylus mystaceus* | *Cosmocerca parva* | Bursey et al 2001 |
| *Leptodactylus mystaceus* | *Physalopteroides venancioi* | Bursey et al 2001 |
| *Leptodactylus mystaceus* | *Mesocoelium monas* | Fabio 1982 |
| *Leptodactylus mystaceus* | *Oswaldocruzia proencai* | Dyer and Altig 1977 |
| *Leptodactylus mystacinus* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Leptodactylus mystacinus* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Leptodactylus mystacinus* | *Aplectana macintoshii* | Baker and Vaucher 1986 |
| *Leptodactylus mystacinus* | *Cosmocerca ornata* | Baker and Vaucher 1984 |
| *Leptodactylus mystacinus* | *Oswaldocruzia proencai* | Dyer and Altig 1977 |
| *Leptodactylus mystacinus* | *Oxyascaris oxyascaris* | Fabio 1982 |
| *Leptodactylus mystacinus* | *Mesocoelium monas* | Fabio 1982 |
| *Leptodactylus pentadactylus* | *Aplectana membranosa* | Baker 1980a |
| *Leptodactylus pentadactylus* | *Falcaustra mascula* | Fabio 1982 |
| *Leptodactylus pentadactylus* | *Foleyella convoluta* | Walton 1935 |
| *Leptodactylus pentadactylus* | *Ochoterenella convoluta* | Esslinger 1986 |
| *Leptodactylus pentadactylus* | *Ochoterenella digiticauda* | Esslinger 1986 |
| *Leptodactylus pentadactylus* | *Oswaldocruzia albareti* | Ben Slimane and Durette-Desset 1996a |
| *Leptodactylus pentadactylus* | *Oswaldocruzia proencai* | Dyer and Altig 1977 |
| *Leptodactylus pentadactylus* | *Oswaldocruzia petterae* | Ben Slimane and Durette-Desset 1996b |
| *Leptodactylus pentadactylus* | *Oxyascaris similis* | Chabaud 1978 |
| *Leptodactylus pentadactylus* | *Rhabdias fuelleborni* | Yamaguti 1961 |
| *Leptodactylus pentadactylus* | *Rhabdias fuelleborni* | Rodrigues et al 1982 |
| *Leptodactylus pentadactylus* | *Schrankiana freitasi* | Baker 1982 |
| *Leptodactylus pentadactylus* | *Schrankiana inconspicata* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankiana larvata* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Leptodactylus pentadactylus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Leptodactylus pentadactylus* | *Schrankiana larvata* | Bursey et al 2001 |
| *Leptodactylus pentadactylus* | *Schrankiana brasili* | Bursey et al 2001 |
| *Leptodactylus pentadactylus* | *Schrankiana schranki* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankiana schranki* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankiana schranki* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankiana schranki* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Choledocystus elegans* | Travassos et al 1969 |
| *Leptodactylus pentadactylus* | *Glypthelmis linguatula* | Travassos et al 1969 |
| *Leptodactylus pentadactylus* | *Gorgoderina parvicava* | Travassos et al 1969 |
| *Leptodactylus pentadactylus* | *Gorgoderina permagna* | Yamaguti 1958 |
| *Leptodactylus pentadactylus* | *Haematoloechus neivai* | Yamaguti 1958 |
| *Leptodactylus pentadactylus* | *Neohaematoloechus neivai* | Travassos et al 1969 |
| *Leptodactylus pentadactylus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus pentadactylus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus petersii* | *Cosmocerca podicipinus* | Goldberg et al 2009 |
| *Leptodactylus petersii* | *Cosmocerca brasiliense* | Goldberg et al 2009 |
| *Leptodactylus petersii* | *Rhabdias breviensis* | Nascimento et al 2013 |
| *Leptodactylus podicipinus* | *Pseudoacanthcephalus lutzi* | Smales 2007 |
| *Leptodactylus podicipinus* | *Oswaldocruzia lopesi* | Campião et al 2009 |
| *Leptodactylus podicipinus* | *Cosmocerca ornata* | Baker and Vaucher 1984 |
| *Leptodactylus podicipinus* | *Cosmocerca parva* | Vicente et al 1991 |
| *Leptodactylus podicipinus* | *Cosmocerca parva* | González & Hamann 2015 |
| *Leptodactylus podicipinus* | *Cosmocerca podicipinus* | González & Hamann 2016 |
| *Leptodactylus podicipinus* | *Cosmocerca podicipinus* | Baker 1987 |
| *Leptodactylus podicipinus* | *Cosmocerca podicipinus* | Campião et al 2009 |
| *Leptodactylus podicipinus* | *Physalopteroides venancioi* | Campião et al 2009 |
| *Leptodactylus podicipinus* | *Travtrema stenocotyle* | Campião et al 2009 |
| *Leptodactylus podicipinus* | *Infidum infidum* | Campião et al 2009 |
| *Leptodactylus podicipinus* | *Cosmocerca podicipinus* | Graca et al 2017 |
| *Leptodactylus podicipinus* | *Catadiscus propinquus* | Graca et al 2017 |
| *Leptodactylus podicipinus* | *Catadiscus marinholutzi* | Graca et al 2017 |
| *Leptodactylus podicipinus* | *Catadiscus propinquus* | Campião et al 2009 |
| *Leptodactylus pustulatus* | *Oswaldocruzia proencai* | Goldberg et al 2009 |
| *Leptodactylus pustulatus* | *Cosmocerca podicipinus* | Goldberg et al 2009 |
| *Leptodactylus pustulatus* | *Ochoterenella scalaris* | Goldberg et al 2009 |
| *Leptodactylus rhodomystax* | *Capillaria recondita* | Goldberg et al 2007 |
| *Leptodactylus rhodomystax* | *Schrankiana schranki* | Goldberg et al 2007 |
| *Leptodactylus rhodomystax* | *Falcaustra mascula* | Goldberg et al 2007 |
| *Leptodactylus rhodomystax* | *Brachycoelium salamandrae* | Goldberg et al 2007 |
| *Leptodactylus rhodonotus* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Leptodactylus rhodonotus* | *Schrankiana inconspicata* | Bursey et al 2001 |
| *Leptodactylus vastus* | *Schrankiana freitasi* | Baker 1982 |
| *Leptodactylus vastus* | *Schrankiana inconspicata* | Baker 1982 |
| *Leptodactylus vastus* | *Schrankiana larvata* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Schrankiana schranki* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Schrankianella brasili* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Aplectana membranosa* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Falcaustra mascula* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Leptodactylus vastus* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Lithobates catesbeianus* | *Longibucca catesbeianae* | Antonucci et al 2012 |
| *Lithobates catesbeianus* | *Falcaustra sanjuanensis* | González and Hamann 2015 |
| *Lithobates catesbeianus* | *Glypthelmins subtropica* | Yamaguti 1958 |
| *Lithobates palmipes* | *Subulascaris falcaustriformis* | Vicente et al 1991 |
| *Lithobates palmipes* | *Subulascaris falcaustriformis* | Vicente et al 1991 |
| *Lithobates palmipes* | *Subulascaris falcaustriformis* | Vicente et al 1991 |
| *Lithobates palmipes* | *Subulascaris falcaustriformis* | Vicente et al 1991 |
| *Lithobates palmipes* | *Subulascaris falcaustriformis* | Vicente et al 1991 |
| *Lithobates palmipes* | *Glypthelmis palmipedis* | Yamaguti 1958 |
| *Lithobates palmipes* | *Glypthelmis palmipedis* | Travassos et al 1969 |
| *Lithobates palmipes* | *Haematoloechus lutzi* | Travassos et al 1969 |
| *Lithobates palmipes* | *Neohaematoloechus iturbei* | Travassos et al 1969 |
| *Lithobates palmipes* | *Haematoloechus itubei* | Yamaguti 1958 |
| *Lithobates palmipes* | *Haematoloechus medioplexus* | Yamaguti 1958 |
| *Lithobates palmipes* | *Haematoloechus neivai* | Yamaguti 1958 |
| *Lithobates palmipes* | *Haematoloechus tejerae* | Yamaguti 1958 |
| *Lithobates palmipes* | *Loxogenes macrocirra* | Dyer and Altig 1977 |
| *Lithobates palmipes* | *Gorgoderina parvicava* | Travassos et al 1969 |
| *Lithobates palmipes* | *Gorgoderina diaster* | Travassos et al 1969 |
| *Lithobates palmipes* | *Catadiscus propinquus* | Travassos et al 1969 |
| *Lithobates pipiens* | *Cephalogonimus americanus* | Yamaguti 1958 |
| *Lithobates pipiens* | *Glypthelmins subtropica* | Yamaguti 1958 |
| *Lithobates sphenocephalus* | *Glypthelmins subtropica* | Yamaguti 1958 |
| *Lypsapsus limellum* | *Hedruris juninensis* | Baker 1987 |
| *Lypsapsus limellum* | *Serpinema cf. trispinosum* | González and Hamann 2007c |
| *Lypsapsus limellum* | *Catadiscus uruguayensis* | Travassos et al 1969 |
| *Lypsapsus limellum* | *Glypthelmins vitellinophilum* | Travassos et al 1969 |
| *Lypsapsus limellum* | *Glypthelmins vitellinophilum* | Hamann and Kehr 1999b |
| *Lypsapsus limellum* | *Glypthelmins vitellinophilum* | Kehr et al 2000 |
| *Lypsapsus limellum* | *Glypthelmins vitellinophilum* | Hamann 2006 |
| *Lypsapsus limellum* | *Catadiscus propinquus* | Kehr et al 2000 |
| *Lypsapsus limellum* | *Catadiscus propinquus* | Hamann 2004 |
| *Melanophryniscus klappenbachi* | *Catadiscus longicoecalis* | Hamann 2014 |
| *Melanophryniscus klappenbachi* | *Glypthelmins palmipedis* | Hamann 2014 |
| *Melanophryniscus klappenbachi* | *Bursotrema tetracotyloides* | Hamann 2014 |
| *Melanophryniscus klappenbachi* | *Travtrema aff. stenocotyle* | Hamann 2014 |
| *Melanophryniscus rubriventris* | *Polystoma andinum* | Combes and Laurent 1978 |
| *Odontophrynus americanus* | *Oligocanthorhynchus* | Smales 2007 |
| *Odontophrynus americanus* | *Cosmocerca uruguaynsis* | Yamaguti 1961 |
| *Odontophrynus americanus* | *Cosmocerca uruguaynsis* | Baker 1987 |
| *Odontophrynus americanus* | *Aplectana meridionalis* | Yamaguti 1961 |
| *Odontophrynus americanus* | *Aplectana meridionalis* | Baker 1987 |
| *Odontophrynus americanus* | *Aplectana membranosa* | Lent and Freitas 1948 |
| *Odontophrynus americanus* | *Cosmocerca parva* | González and Hamann 2009a |
| *Odontophrynus americanus* | *Cosmocerca podicipinus* | González and Hamann 2009a |
| *Odontophrynus americanus* | *Rhabdias elegans* | González and Hamann 2009a |
| *Odontophrynus americanus* | *Travtrema aff. stenocotyle* | Hamann and González 2009 |
| *Oophaga histrionica* | *Cosmocerca podicipinus* | Goldberg and Bursey 2003 |
| *Oreobates cruralis* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Oreobates quixensis* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Oreobates quixensis* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Oreobates quixensis* | *Cosmocerca parva* | McAllister et al 2010c |
| *Osteocephalus leprieurii* | *Polysmotma naponensis* | Vauchar 1987 |
| *Osteocephalus taurinus* | *Batracholandros spectatus* | Bursey et al 2001 |
| *Osteocephalus taurinus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Osteocephalus taurinus* | *Ochoterenella vellardi* | Bursey et al 2001 |
| *Osteocephalus taurinus* | *Physalopteroides venancioi* | Bursey et al 2001 |
| *Osteocephalus taurinus* | *Polystoma naponensis* | Vaucher 1987 |
| *Phyllomedusa atelopoides* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Phyllomedusa atelopoides* | *Cosmocerca parva* | Bursey et al 2001 |
| *Phyllomedusa azurea* | *Catadiscus uruguayensis* | Lunaschi and Drago 2010 |
| *Phyllomedusa burmeisteri* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Phyllomedusa hypocondrialis* | *Cosmocercella phyllomedusae* | Baker 1987 |
| *Phyllomedusa hypocondrialis* | *Neocosmocercella paraguayaensis* | Baker 1987 |
| *Phyllomedusa hypocondrialis* | *Cosmocercella minor* | McAllister et al 2010b |
| *Phyllomedusa nordestina* | *Raillietinema minor* | Vicente et al 1991 |
| *Phyllomedusa tarsius* | *Cosmocerca brasiliense* | Dyer and Altig 1976 |
| *Phyllomedusa tomopterna* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Phyllomedusa tomopterna* | *Cosmocercella phyllomedusae* | Bursey et al 2001 |
| *Phyllomedusa vaillanti* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Phyllomedusa vaillanti* | *Cosmocercella phyllomedusae* | Bursey et al 2001 |
| *Phyllomedusa vaillanti* | *Physalopteroides venancioi* | Bursey et al 2001 |
| *Physalaemus albonotatus* | *Travtrema aff. stenocotyle* | Hamann and González 2009 |
| *Physalaemus albonotatus* | *Cosmocerca podicipinus* | González and Hamann 2012a |
| *Physalaemus albonotatus* | *Cosmocerca parva* | González and Hamann 2012a |
| *Physalaemus biligonigerus* | *Aplectana hylambatis* | Masi Pallares and Maciel 1974 |
| *Physalaemus biligonigerus* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Physalaemus cuvieri* | *Polystoma cuvieri* | Vaucher 1990 |
| *Physalaemus cuvieri* | *Polystoma cuvieri* | Santos & Amato 2012 |
| *Physalaemus cuvieri* | *Polystoma cuvieri* | Santos & Amato 2012 |
| *Physalaemus cuvieri* | *Polystoma cuvieri* | Santos & Amato 2012 |
| *Physalaemus cuvieri* | *Cosmocerca parva* | Santos & Amato 2013 |
| *Physalaemus cuvieri* | *Cosmocerca cruzi* | Santos & Amato 2013 |
| *Physalaemus santafecinus* | *Cosmocerca parva* | González and Hamann 2010a |
| *Physalaemus santafecinus* | *Cosmocerca podicipinus* | González and Hamann 2010a |
| *Physalaemus santafecinus* | *Aplectana hylambatis* | González and Hamann 2010a |
| *Physalaemus santafecinus* | *Bursotrema tetracotyloides* | Hamann and González 2009 |
| *Physalaemus santafecinus* | *Travtrema aff. stenocotyle* | Hamann and González 2009 |
| *Physalaemus signifer* | *Aplectana lopesi* | Vicente et al 1991 |
| *Physalaemus signifer* | *Oxyascaris oxyascaris* | Vicente et al 1991 |
| *Physalaemus soaresi* | *Cosmocerca parva* | Vicente et al 1991 |
| *Physalaemus soaresi* | *Cosmocerca parva* | Fabio 1982 |
| *Physalaemus soaresi* | *Oxyascaris oxyascaris* | Fabio 1982 |
| *Pipa pipa* | *Agamonema ranae* | Walton 1935 |
| *Pipa pipa* | *Monostoma sulcatum* | Travassos et al 1969 |
| *Pleurodema borelli* | *Polystoma borelli* | Combes and Laurent 1974 |
| *Pleurodema borellii* | *Aplectana meridionalis* | Baker 1980a |
| *Pleurodema diplolister* | *Oxyascaris oxyascaris* | Fabio 1982 |
| *Pleurodema diplolister* | *Oxyascaris oxyascaris* | Rodrigues 1986 |
| *Pleurodema diplolister* | *Oxyascaris oxyascaris* | Vicente et al 1991 |
| *Pleurodema thaul* | *Hannemania ortizi* | Fuente et al 2016 |
| *Pleuroderma bibroni* | *Pseudoacanthcephalus lutzi* | Bursey et al 2006 |
| *Pleuroderma bibroni* | *Pseudoacanthcephalus lutzi* | Smales 2007 |
| *Pleuroderma bibroni* | *Pseudoacanthcephalus lutzi* | Pinhão et al 2009 |
| *Pleuroderma bibroni* | *Pseudoacanthcephalus lutzi* | Arredondo and Pertierra 2009 |
| *Pleuroderma bibroni* | *Pseudoacanthcephalus lutzi* | Santos and Amato 2010a |
| *Pristimantis altamazonicus* | *Cosmocerca brasiliense* | Dyer and Altig 1977 |
| *Pristimantis altamazonicus* | *Oswaldocruzia proencai* | Dyer and Altig 1977 |
| *Pristimantis altamazonicus* | *Oswaldocruzia tcheprakovae* | Ben Slimane and Durette-Desset 1996b |
| *Pristimantis fenestratus* | *Oswaldocruzia lopesi* | Bursey et al 2001 |
| *Pristimantis fenestratus* | *Physalopteroides venancioi* | Bursey et al 2001 |
| *Pristimantis fenestratus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Pristimantis fenestratus* | *Cosmocerca parva* | Bursey et al 2001 |
| *Pristimantis imitatrix* | *Cosmocerca podicipinus* | Bursey et al 2001 |
| *Pristimantis lanthanites* | *Oswaldocruzia cassonei* | Ben Slimane and Durette-Desset 1996b |
| *Pristimantis lanthanites* | *Cosmocerca brasiliense* | Dyer and Altig 1977 |
| *Pristimantis peruvianus* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Pristimantis peruvianus* | *Cosmocerca parva* | Bursey et al 2001 |
| *Pristimantis toftae* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Pristimantis toftae* | *Cosmocerca parva* | Bursey et al 2001 |
| *Proceratophrys appendiculata* | *Rhabdias androgyna* | Boquimpani-Freitas et al 2001 |
| *Proceratophrys appendiculata* | *Schulzia travassosi* | Boquimpani-Freitas et al 2001 |
| *Proceratophrys appendiculata* | *Cosmocerca brasiliense* | Boquimpani-Freitas et al 2001 |
| *Proceratophrys appendiculata* | *Cosmocerca cruzi* | Boquimpani-Freitas et al 2001 |
| *Proceratophrys appendiculata* | *Aplectana delirae* | Boquimpani-Freitas et al 2001 |
| *Proceratophrys boiei* | *Aplectana delirae* | Klaion et al 2011 |
| *Proceratophrys boiei* | *Aplectana delirae* | Klaion et al 2011 |
| *Proceratophrys boiei* | *Cosmocerca parva* | Klaion et al 2011 |
| *Proceratophrys boiei* | *Cosmocerca parva* | Klaion et al 2011 |
| *Proceratophrys boiei* | *Oxyascaris oxyascaris* | Klaion et al 2011 |
| *Pseudis meridionalis* | *Catadiscus corderoi* | Travassos et al 1969 |
| *Pseudis minuta* | *Glypthelmins pseudium* | Travassos et al 1969 |
| *Pseudis minuta* | *Catadiscus corderoi* | Travassos et al 1969 |
| *Pseudis paradoxa* | *Glypthelmis palmipedis* | Yamaguti 1958 |
| *Pseudis paradoxa* | *Glypthelmis palmipedis* | Travassos et al 1969 |
| *Pseudis paradoxa* | *Neohaematoloechus neivai* | Travassos et al 1969 |
| *Pseudis paradoxa* | *Haematoloechus neivai* | Yamaguti 1958 |
| *Pseudis paradoxa* | *Gorgoderina parvicava* | Travassos et al 1969 |
| *Pseudis paradoxa* | *Gorgoderina diaster* | Travassos et al 1969 |
| *Pseudis paradoxa* | *Catadiscus pygmaeus* | Yamaguti 1958 |
| *Pseudis paradoxa* | *Catadiscus pygmaeus* | Travassos et al 1969 |
| *Pseudis platensis* | *Cosmocerca podicipinus* | Campião et al 2010 |
| *Pseudis platensis* | *Neohaematoloechus neivai* | Graca et al 2017 |
| *Pseudis platensis* | *Ochoterenella digiticauda* | Graca et al 2017 |
| *Pseudis platensis* | *Parapharyngodon hylidae* | Graca et al 2017 |
| *Pseudis platensis* | *Falcaustra mascula* | Graca et al 2017 |
| *Pseudis platensis* | *Rauschiella lenti* | Graca et al 2017 |
| *Pseudis platensis* | *Catadiscus propinquus* | Graca et al 2017 |
| *Pseudis platensis* | *Glypthelmis palmipedis* | Campião et al 2010 |
| *Pseudopaludicola boliviana* | *Cosmocerca podicipinus* | González and Hamann 2012b |
| *Pseudopaludicola falcipes* | *Cosmocerca podicipinus* | González and Hamann 2004; 2009b |
| *Rhienlla diptycha* | *Polystoma diptycha* | Vaucher 1987 |
| *Rhinella achalensis* | *Aplectana hylambatis* | Baker 1980a |
| *Rhinella arenarum* | *Rhabdias elegans* | Yamaguti 1961 |
| *Rhinella arenarum* | *Rhabdias elegans* | Sueldo and Ramirez 1976 |
| *Rhinella arenarum* | *Rhabdias elegans* | Baker 1987 |
| *Rhinella arenarum* | *Aplectana hylambatis* | Lent and Freitas 1948 |
| *Rhinella arenarum* | *Aplectana hylambatis* | Ramirez et al 1979 |
| *Rhinella arenarum* | *Aplectana hylambatis* | González et al 2013 |
| *Rhinella arenarum* | *Pseudoacanthcephalus lutzi* | Bursey et al 2006 |
| *Rhinella arenarum* | *Pseudoacanthcephalus lutzi* | Smales 2007 |
| *Rhinella arenarum* | *Pseudoacanthcephalus lutzi* | Pinhão et al 2009 |
| *Rhinella arenarum* | *Pseudoacanthcephalus lutzi* | Arredondo and Pertierra 2009 |
| *Rhinella arenarum* | *Pseudoacanthcephalus lutzi* | Santos and Amato 2010a |
| *Rhinella arenarum* | *Aplectana tarija* | Ramallo et al 2007 |
| *Rhinella arenarum* | *Cosmocercoides lilloi* | Ramallo et al 2007 |
| *Rhinella arenarum* | *Glypthelmins festina* | Yamaguti 1958 |
| *Rhinella arenarum* | *Mesocoelium monas* | Travassos et al 1969 |
| *Rhinella arenarum* | *Gorgoderina rochalimae* | Travassos et al 1969 |
| *Rhinella bergi* | *Cosmocerca podicipinus* | González and Hamann 2007a; 2007b |
| *Rhinella bergi* | *Cosmocerca parva* | González and Hamann 2007a; 2007b |
| *Rhinella crucifer* | *Centrorhynchus tumidulus* | Travassos 1926a |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | Vicente et al 1991 |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | Vicente et al 1991 |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | Vicente et al 1991 |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | Vicente et al 1991 |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | Vicente et al 1991 |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | Vicente et al 1991 |
| *Rhinella crucifer* | *Rhabdias hermaphrodita* | McAllister et al 2010b |
| *Rhinella crucifer* | *Rhabdias sphaerocephala* | Kloss 1971; 1974 |
| *Rhinella crucifer* | *Rhabdias sphaerocephala* | Kloss 1971; 1974 |
| *Rhinella crucifer* | *Rhabdias sphaerocephala* | Kloss 1971; 1974 |
| *Rhinella crucifer* | *Rhabdias sphaerocephala* | Kloss 1971; 1974 |
| *Rhinella crucifer* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Rhinella crucifer* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella crucifer* | *Schulzia subventriculosa* | Walton 1935 |
| *Rhinella crucifer* | *Schulzia subventriculosa* | Vicente et al 1991 |
| *Rhinella crucifer* | *Cosmocerca brasiliense* | Vicente et al 1991 |
| *Rhinella crucifer* | *Cosmocerca parva* | McAllister et al 2010b |
| *Rhinella crucifer* | *Cosmocerca rara* | Vicente et al 1991 |
| *Rhinella crucifer* | *Aplectana crucifer* | McAllister et al 2010b |
| *Rhinella crucifer* | *Aplectana crucifer* | Vicente et al 1991 |
| *Rhinella crucifer* | *Aplectana delirae* | Vicente et al 1991 |
| *Rhinella crucifer* | *Raillietnema spectans* | Vicente et al 1991 |
| *Rhinella crucifer* | *Oxyascaris similis* | Vicente et al 1991 |
| *Rhinella crucifer* | *Paraoxyascaris travassosi* | Vicente et al 1991 |
| *Rhinella crucifer* | *Mesocoelium travassosi* | Perez 1964 |
| *Rhinella crucifer* | *Mesocoelium incognitum* | Yamaguti 1958 |
| *Rhinella crucifer* | *Mesocoelium monas* | Travassos et al 1969 |
| *Rhinella crucifer* | *Rudolphitrema rudolphi* | Travassos et al 1969 |
| *Rhinella crucifer* | *Glypthelmis linguatula* | Travassos et al 1969 |
| *Rhinella crucifer* | *Gorgoderina cryptorchis* | Travassos et al 1969 |
| *Rhinella crucifer* | *Gorgoderina parvicava* | Perez 1964 |
| *Rhinella crucifer* | *Gorgoderina parvicava* | Travassos et al 1969 |
| *Rhinella dorbignyi* | *Aplectana hylambatis* | Lent and Freitas 1948 |
| *Rhinella dorbignyi* | *Aplectana hylambatis* | Baker and Vaucher 1986 |
| *Rhinella dorbignyi* | *Gorgoderina cryptorchis* | Lent et al 1946 |
| *Rhinella dorbignyi* | *Gorgoderina cryptorchis* | Yamaguti 1958 |
| *Rhinella fernandezae* | *Acanthocephalus lutzi* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Catadiscus inopinatus* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Catadiscus marinholutzi* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Gorgoderina parvicava* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Bursotrema tetracotyloides* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Travtrema aff. stenocotyle* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Oswaldocruzia subaricularis* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Rhabdias aff. sphaerocephala* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Rhabdias fuelleborni* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Strongyloides carinii* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Cosmocerca parva* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Cosmocerca parva* | González and Hamann 2007a |
| *Rhinella fernandezae* | *Cosmocerca parva* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Cosmocerca podicipinus* | González and Hamann 2007a |
| *Rhinella fernandezae* | *Cosmocerca podicipinus* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Aplectana meridionalis* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Cylindrotaenia americana* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Gorgoderina festoni* | Santos and Amato 2010a |
| *Rhinella fernandezae* | *Haematoloechus longiplexus* | Hamann and Pérez 1999 |
| *Rhinella fernandezae* | *Haematoloechus longiplexus* | Hamann et al 2013 |
| *Rhinella fernandezae* | *Pseudoacanthcephalus lutzi* | Arredondo and Pertierra 2009 |
| *Rhinella granulosa* | *Pseudoacanthcephalus lutzi* | Smales 2007 |
| *Rhinella granulosa* | *Aplectana adaechevarriae* | Ramallo et al 2008 |
| *Rhinella granulosa* | *Aplectana delirae* | González and Hamann 2006a |
| *Rhinella granulosa* | *Aplectana hylambatis* | McAllister et al 2010b |
| *Rhinella granulosa* | *Aplectana membranosa* | Vicente et al 1991 |
| *Rhinella granulosa* | *Aplectana membranosa* | Gonçalves et al 2002 |
| *Rhinella granulosa* | *Cosmocerca podicipinus* | González and Hamann 2006a |
| *Rhinella granulosa* | *Cosmocerca parva* | González and Hamann 2006a |
| *Rhinella granulosa* | *Falcaustra mascula* | McAllister et al 2010b |
| *Rhinella granulosa* | *Physaloptera retusa* | Gonçalves et al 2002 |
| *Rhinella granulosa* | *Maicuru solitarium* | Travassos et al 1969 |
| *Rhinella granulosa* | *Plagiorchis lenti* | Travassos et al 1969 |
| *Rhinella granulosa* | *Glypthelmis linguatula* | Travassos et al 1969 |
| *Rhinella granulosa* | *Glypthelmis palmipedis* | Travassos et al 1969 |
| *Rhinella granulosa* | *Acanthocephalus caspanensis* | Smales 2007 |
| *Rhinella granulosa* | *Schulzia travassosi* | Durette-Desset et al 1986 |
| *Rhinella icterica* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Rhinella icterica* | *Cosmocerca parva* | Bursey et al 2001 |
| *Rhinella icterica* | *Pseudoacanthcephalus lutzi* | Santos and Amato 2010a |
| *Rhinella icterica* | *Catadiscus cohni* | Santos & Amato 2013 |
| *Rhinella icterica* | *Rudolphitrema rudolphii* | Santos & Amato 2013 |
| *Rhinella icterica* | *Cosmocerca brasiliense* | Santos & Amato 2013 |
| *Rhinella icterica* | *Cosmocerca rara* | Santos & Amato 2013 |
| *Rhinella icterica* | *Acanthocephalus saopaulensis* | Smales 2007 |
| *Rhinella icterica* | *Acanthocephalus saopaulensis* | Pinhão et al 2009 |
| *Rhinella icterica* | *Rhabdias elegans* | Luque et al 2005 |
| *Rhinella icterica* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Rhinella icterica* | *Rhabdias fuelleborni* | Luque et al 2005 |
| *Rhinella icterica* | *Rhabdias fuelleborni* | Lux Hoppe et al 2008 |
| *Rhinella icterica* | *Rhabdias fuelleborni* | Pinhão et al 2009 |
| *Rhinella icterica* | *Rhabdias fuelleborni* | Santos & Amato 2013 |
| *Rhinella icterica* | *Rhabdias sphaerocephala* | Luque et al 2005 |
| *Rhinella icterica* | *Aplectana elenae* | Santos & Amato 2013 |
| *Rhinella icterica* | *Oswaldocruzia lopesi* | Luque et al 2005 |
| *Rhinella icterica* | *Oswaldocruzia proencai* | Luque et al 2005 |
| *Rhinella icterica* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella icterica* | *Oswaldocruzia subauricularis* | Luque et al 2005 |
| *Rhinella icterica* | *Oswaldocruzia subauricularis* | Pinhão et al 2009 |
| *Rhinella icterica* | *Schulzia travassosi* | Lux Hoppe et al 2008 |
| *Rhinella icterica* | *Parapharyngodon alvarengai* | Luque et al 2005 |
| *Rhinella icterica* | *Aplectana delirae* | Lux Hoppe et al 2008 |
| *Rhinella icterica* | *Aplectana membranosa* | Luque et al 2005 |
| *Rhinella icterica* | *Aplectana vellardi* | Vicente et al 1991 |
| *Rhinella icterica* | *Raillietnema spectans* | Vicente et al 1991 |
| *Rhinella icterica* | *Falcaustra mascula* | Luque et al 2005 |
| *Rhinella icterica* | *Falcaustra mascula* | Vicente et al 1991 |
| *Rhinella icterica* | *Oxyascaris similis* | Vicente et al 1991 |
| *Rhinella icterica* | *Paraoxyascaris travassosi* | Vicente et al 1991 |
| *Rhinella icterica* | *Ochoterenella digicauda* | Vicente et al 1991 |
| *Rhinella icterica* | *Ochoterenella vellardi* | Vicente et al 1991 |
| *Rhinella icterica* | *Cylindrotaenia americana* | Stumpf 1981 |
| *Rhinella icterica* | *Mesocoelium travassosi* | Perez 1964 |
| *Rhinella icterica* | *Mesocoelium monas* | Travassos et al 1969 |
| *Rhinella icterica* | *Mesocoelium monas* | Luque et al 2005 |
| *Rhinella icterica* | *Glypthelmis palmipedis* | Lux Hoppe et al 2008 |
| *Rhinella icterica* | *Haematoloechus ozorioi* | Lux Hoppe et al 2008 |
| *Rhinella icterica* | *Haematoloechus fuelleborni* | Lux Hoppe et al 2008 |
| *Rhinella icterica* | *Gorgoderina parvicava* | Luque et al 2005 |
| *Rhinella jimi* | *Aplectana membranosa* | Vicente et al 1991 |
| *Rhinella jimi* | *Gorgoderina rochalimae* | Yamaguti 1961 |
| *Rhinella jimi* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella jimi* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella jimi* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Rhinella jimi* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Rhinella jimi* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella jimi* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella jimi* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella limensis* | *Batracholandros spectatus* | Freitas and Ibanez 1965 |
| *Rhinella limensis* | *Raillietnema gubernaculatum* | Baker 1987 |
| *Rhinella major* | *Cosmocerca parva* | Mordeglia and Digiani 1998 |
| *Rhinella major* | *Schulzia travassosi* | González & Hamann 2015 |
| *Rhinella margaritifera* | *Rhabdias androgyna* | Vicente et al 1991 |
| *Rhinella margaritifera* | *Aplectana hylambatis* | McAllister et al 2010c |
| *Rhinella margaritifera* | *Aplectana hylambatis* | McAllister et al 2010a |
| *Rhinella margaritifera* | *Aplectana hylambatis* | McAllister et al 2010a |
| *Rhinella margaritifera* | *Aplectana hylambatis* | McAllister et al 2010a |
| *Rhinella margaritifera* | *Batrachonema bonai* | Baker 1987 |
| *Rhinella margaritifera* | *Oswaldocruzia proencai* | Dyer and Altig 1977 |
| *Rhinella margaritifera* | *Oswaldocruzia proencai* | Gonçalves et al 2002 |
| *Rhinella margaritifera* | *Oswaldocruzia proencai* | McAllister et al 2010c |
| *Rhinella margaritifera* | *Cosmocerca podicipinus* | Bursey et al 2001 |
| *Rhinella margaritifera* | *Physaloptera retusa* | Gonçalves et al 2002 |
| *Rhinella margaritifera* | *Cylindrotaenia americana* | McAllister et al 2010c |
| *Rhinella margaritifera* | *Ochoterenella vellardi* | Bursey et al 2001 |
| *Rhinella margaritifera* | *Oswaldocruzia lescurei* | Ben Slimane and Durette-Desset 1996a |
| *Rhinella margaritifera* | *Oswaldocruzia albareti* | Ben Slimane and Durette-Desset 1996a |
| *Rhinella margaritifera* | *Wetapolystoma almae* | Gray 1993 |
| *Rhinella marina* | *Acanthocephalus correalimai* | Speare 1990 |
| *Rhinella marina* | *Ochoterenella albareti* | Speare 1990 |
| *Rhinella marina* | *Ochoterenella dufourae* | Speare 1990 |
| *Rhinella marina* | *Ochoterenella guyanensis* | Speare 1990 |
| *Rhinella marina* | *Ocholerenella oumari* | Speare 1990 |
| *Rhinella marina* | *Ochoterenella royi* | Speare 1990 |
| *Rhinella marina* | *Ochoterenella* sp | McAllister et al 2010d |
| *Rhinella marina* | *Parapseudopolystoma cerrocoloradensis* | Speare 1990 |
| *Rhinella marina* | *Mesocoelium sociale* | Speare 1990 |
| *Rhinella marina* | *Mesocoelium waltoni* | Speare 1990 |
| *Rhinella marina* | *Choledocystus hepaticus* | Speare 1990 |
| *Rhinella marina* | *Choledocystus vesicalis* | Speare 1990 |
| *Rhinella marina* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Rhinella marina* | *Cylindrotaenia americana* | Bursey et al 2001 |
| *Rhinella marina* | *Aplectana hylambatis* | Bursey et al 2001 |
| *Rhinella marina* | *Cosmocerca brasiliense* | Bursey et al 2001 |
| *Rhinella marina* | *Cosmocerca parva* | Bursey et al 2001 |
| *Rhinella marina* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Rhinella marina* | *Rhabdias paraensis* | Santos et al 2011 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Kloss 1974 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Kloss 1974 |
| *Rhinella marina* | *Rhabdias sphaerocephala* | Kloss 1974 |
| *Rhinella marina* | *Oxyascaris similis* | Travassos 1925 |
| *Rhinella marina* | *Oxyascaris similis* | Freitas 1958 |
| *Rhinella marina* | *Paraoxyascaris travassosi* | Rodrigues and Rodrigues 1971 |
| *Rhinella marina* | *Paraoxyascaris travassosi* | Rodrigues et al 1982 |
| *Rhinella marina* | *Oswaldocruzia albareti* | Ben Slimane and Durette-Desset 1996a |
| *Rhinella marina* | *Oswaldocruzia belenensis* | Santos et al 2008 |
| *Rhinella marina* | *Oswaldocruzia lopesi* | Gonçalves et al 2002 |
| *Rhinella marina* | *Oswaldocruzia proencai* | Gonçalves et al 2002 |
| *Rhinella marina* | *Oswaldocruzia proencai* | Baker 1987 |
| *Rhinella marina* | *Oswaldocruzia subauricularis* | Walton 1935 |
| *Rhinella marina* | *Oswaldocruzia subauricularis* | Yamaguti 1961 |
| *Rhinella marina* | *Oswaldocruzia subauricularis* | Durette-Desset 1983 |
| *Rhinella marina* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella marina* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella marina* | *Oswaldocruzia subauricularis* | Vicente et al 1991 |
| *Rhinella marina* | *Aplectana membranosa* | Vicente et al 1991 |
| *Rhinella marina* | *Aplectana membranosa* | Gonçalves et al 2002 |
| *Rhinella marina* | *Aplectana vellardi* | Vicente et al 1991 |
| *Rhinella marina* | *Falcaustra mascula* | Fabio 1982 |
| *Rhinella marina* | *Falcaustra mascula* | Rodrigues et al 1982 |
| *Rhinella marina* | *Foleyella vellardi* | Walton 1935 |
| *Rhinella marina* | *Ochoterenella complicata* | Esslinger 1989 |
| *Rhinella marina* | *Ochoterenella convoluta* | Vicente et al 1991 |
| *Rhinella marina* | *Ochoterenella digicauda* | Yamaguti 1961 |
| *Rhinella marina* | *Ochoterenella digicauda* | Rodrigues et al 1982 |
| *Rhinella marina* | *Ochoterenella digicauda* | Vicente et al 1991 |
| *Rhinella marina* | *Ochoterenella vellardi* | Vicente et al 1991 |
| *Rhinella marina* | *Icosiella neglecta* | Baker 1987 |
| *Rhinella marina* | *Icosiella neglecta* | Guerrero 1971 |
| *Rhinella marina* | *Catadiscus cohni* | Travassos et al 1969 |
| *Rhinella marina* | *Creptotrerna lynch* | Brooks 1976 |
| *Rhinella marina* | *Glypthelmis linguatula* | Travassos et al 1969 |
| *Rhinella marina* | *Glypthelmis palmipedis* | Yamaguti 1958 |
| *Rhinella marina* | *Glypthelmis palmipedis* | Travassos et al 1969 |
| *Rhinella marina* | *Glypthelmis palmipedis* | Rodrigues et al 1990 |
| *Rhinella marina* | *Glypthelmins robustus* | Brooks 1976 |
| *Rhinella marina* | *Glypthelmins vesicalis* | Yamaguti 1958 |
| *Rhinella marina* | *Choledocystus elegans* | Travassos et al 1969 |
| *Rhinella marina* | *Haematoloechus fuelleborni* | Travassos et al 1969 |
| *Rhinella marina* | *Gorgoderina cryptorchis* | Travassos et al 1969 |
| *Rhinella marina* | *Gorgoderina diaster* | Brooks 1976 |
| *Rhinella marina* | *Gorgoderina parvicava* | Travassos et al 1969 |
| *Rhinella marina* | *Mesocoelium incognitum* | Yamaguti 1958 |
| *Rhinella marina* | *Mesocoelium monas* | Travassos et al 1969 |
| *Rhinella marina* | *Mesocoelium monas* | Rodrigues et al 1990 |
| *Rhinella marina* | *Mesocoelium travassosi* | Yamaguti 1958 |
| *Rhinella marina* | *Plagiorchis hepaticus* | Yamaguti 1958 |
| *Rhinella marina* | *Cylindrotaenia americana* | Brooks 1976 |
| *Rhinella marina* | *Ophiotaenia bonariensis* | Brooks 1976 |
| *Rhinella marina* | *Taenia filariformis* | Yamaguti 1959 |
| *Rhinella marina* | *Lanfrediellaamphicirrus* | Meloetal2011 |
| *Rhinella rubescens* | *Rhabdias elegans* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias elegans* | González and Hamann 2008 |
| *Rhinella schneideri* | *Rhabdias fuelleborni* | Rodrigues et al 1982 |
| *Rhinella schneideri* | *Rhabdias fuelleborni* | González and Hamann 2008 |
| *Rhinella schneideri* | *Rhabdias fuelleborni* | Lux Hoppe et al 2008 |
| *Rhinella schneideri* | *Rhabdias fuelleborni* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Kloss 1971; 1974 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Rhabdias sphaerocephala* | Vicente et al 1991 |
| *Rhinella schneideri* | *Ochoterenella digicauda* | Lent et al 1946 |
| *Rhinella schneideri* | *Oswaldocruzia proencai* | Lent et al 1946 |
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**Supplementary material S2**

Description of the models

############################################################################

**Filter i – NEUTRAL MODEL**

############################################################################

#COMMENTS

#installing the package

install.packages("bipartite")

#open the directory

setwd(choose.dir())

#Loading the package

library(bipartite)

#inform how many networks to simulate:

samples =1000

#load interaction database matrix

AS<-data.frame(read.csv2("matrix.database.csv",header=TRUE))

#load observed environment matrix

observed <-data.frame(read.csv2("matrix.observed .csv",header=TRUE))

#creating lines

row.names(AS)=AS[,1]

row.names(observed )=observed [,1]

AS=as.matrix(AS[,2:ncol(AS)])

observed =as.matrix(observed [,2:ncol(observed )])

observed.bin=observed.bin=((observed >0)\*1)

#metrics for the observed

#number of hosts

H\_observed =nrow(observed.bin)

#number of parasites

P\_observed =ncol(observed.bin)

#nestedness

NODF\_observed =nested(observed.bin,method="NODF2",rescale=F)

NODFarr\_observed =round(NODF\_observed ,digits=3)

#connectance

Connectance\_observed =sum(observed.bin)/(ncol(observed.bin)\*nrow(observed.bin))

#modularity

Modular\_observed =computeModules(observed .bin)

Modularity\_observed =slot(Modular\_observed ,"likelihood")

#number of rows and columns

nl = nrow (observed)

nc = ncol (observed)

#fazer para todas as redes amostradas

for (n in 1:samples){

sub=AS

while(nrow(sub)> nrow(observed )){

#return the hosts

ls=floor(runif(1, 1,nrow(sub)+1))

sub=sub[-ls,]

#deletes parasites that do not interact

sub=sub[,!!colSums(sub)]

sub=sub[!!rowSums(sub),]

}

#save network with name of parasite and host species

name <-paste(n,"subrede\_observed \_aleatorio.txt", sep=" ")

write.table(sub,name ,col.names = NA, row.names=T,sep="\t")

#metrics for simulated network

#number of hosts

Hosts=nrow(sub)

#number of parasites

Parasites=ncol(sub)

#(0 e 1)

sub.bin=((sub>0)\*1)

#nestedness

NODF=nested(sub.bin,method="NODF2",rescale=F)

NODFarr=round(NODF,digits=3)

#connectance

Connectance=sum(sub.bin)/(ncol(sub.bin)\*nrow(sub.bin))

#modularity

Modular=computeModules(sub.bin <- sub.bin + 1E-5)

Modularity=slot(Modular,"likelihood")

#number of rows and columns

nl = nrow (observed)

nc = ncol (observed)

if (n == 1) {

exit = c (n, Hosts, Parasites, NODFarr, Connectance, Modularity)

} else {

exit1 = c (n, Hosts, Parasites, NODFarr, Connectance, Modularity)

exit = rbind (exit, exit1)

}

}

#creating final random model output file

exit = as.data.frame (exit)

colnames (exit) [1] <- "n"

colnames (exit) [2] <- "Hosts"

colnames (exit) [3] <- "Parasites"

colnames (exit) [4] <- "Nestedness"

colnames (exit) [5] <- "Connectance"

colnames (exit) [6] <- "Modularity"

write.table (exit, file = " exit.random.model.txt", col.names = TRUE, row.names = FALSE, sep = "\ t")

###########################################################################**#**

**End model**

###########################################################################**#**

###########################################################################**#**

**Filter ii – Phylogeny Model**

############################################################################

#COMMENTS

#installing the package

install.packages("bipartite")

#open the directory

setwd(choose.dir())

#Loading the package

library(bipartite)

#inform how many networks to simulate:

samples =1000

#load interaction database matrix

AS<-data.frame(read.csv2("matrix.database.csv",header=TRUE))

#load observed environment matrix

observed <-data.frame(read.csv2("matrix.observed .csv",header=TRUE))

#load the spreadsheet with the host family analyzed

HOSTS<-data.frame(read.csv2("hosts\_america\_do\_sul.csv",header=TRUE))

#inform how many hosts of each family to contain in the simulated network

nHy=6

nameHy="Hylidae"

nLep=5

nameLep="Leptodactylidae"

#creating lines

row.names(AS)=AS[,1]

row.names(observed)=observed[,1]

AS=as.matrix(AS[,2:ncol(AS)])

observed=as.matrix(observed[,2:ncol(observed)])

observed.bin=observed.bin=((observed>0)\*1)

#selecting the name of the parasites

namesParasites=colnames(AS)

#considering the same number of rows and columns

nl=nrow(observed)

nc=ncol(observed)

#selecting families

HHy=as.data.frame(HOSTS[HOSTS$family==nameHy,])

HLep=as.data.frame(HOSTS[HOSTS$family==nameLep,])

# catch only hylidae hosts

HHy=HHy$hosts

# catch only leptodactylidae

HLep=HLep$hosts

#selecting the parasite species that interact with hylidae

RedeHy1=AS[HHy,]

#selecting the parasite species that interact with leptodactylidae

RedeHLep1=AS[HLep, ]

#number of hosts

Hosts=nrow(observed.bin)

#number of parasites

Parasites=ncol(observed.bin)

#metrics for observed environment

#Nestedness

NODF\_observed=nested(observed.bin,method="NODF2",rescale=F)

NODFarr\_observed=round(NODF\_observed,digits=3)

#Connectance

Connectance \_observed=sum(observed.bin)/(ncol(observed.bin)\*nrow(observed.bin))

#Modularity

Modular\_observed=computeModules(observed.bin)

Modularity\_observed=slot(Modular\_observed,"likelihood")

#creating files to control the frequency of networks with> and <number of parasites of this model

#less

hostless=matrix(0,nrow (AS), dimnames = list (row.names(AS),"frequencia menor"))

#major

hostmajor=matrix(0,nrow (AS), dimnames = list (row.names(AS),"frequencia maior"))

#do for all sampled networks

for (n in 1:samples){

#selecting only the number of hosts in each family

Sub\_Hy=RedeHy1[sample.int(length(HHy),nHy),]

Sub\_Lep=RedeHLep1[sample.int(length(HLep),nLep),]

#combining columns and rows

sub=rbind(Sub\_Lep,Sub\_Hy)

# Eliminating parasites that do not interact

sub=sub[,!!colSums(sub)]

sub=sub[!!rowSums(sub),]

#number of hosts

Hosts=nrow(sub)

#number of parasites

Parasites=ncol(sub)

#save higher and lower frequency networks

#Only host names that appear in the sub

host.sub=rownames(sub)

#major

if (Parasites>72) {

name<-paste(n,"subrede\_observed\_F\_maior.txt", sep=" ")

write.table(sub, name, col.names=NA,row.names=TRUE,sep="\t")

#array greater than 72 Parasites adds one when generated hostmajor[host.sub,]=1+hostmajor[host.sub,]

}

#less

else {

name<-paste(n,"subrede\_observed\_F\_menor.txt", sep=" ")

write.table(sub, name, col.names=NA,row.names=TRUE,sep="\t")

#array less than 72 Parasites adds one when generated hostless[host.sub,]=1+hostless[host.sub,]

}

#metrics for simulated network

#number of Hosts

Hosts=nrow(sub)

#number Parasites

Parasites=ncol(sub)

#binary (0 e 1)

sub.bin=((sub>0)\*1)

#save network with name of Parasite and Host species

name<-paste(n,"subrede\_observed\_F.txt", sep=" ")

write.table(sub, name, col.names=FALSE,row.names=FALSE,sep="\t")

#Nestedness

NODF\_AS=nested(sub.bin,method="NODF2",rescale=F)

NODFarr\_AS=round(NODF\_AS,digits=3)

#Connectance

Connectance \_AS=sum(sub.bin)/(ncol(sub.bin)\*nrow(sub.bin))

#Modularity

Modular\_AS=computeModules(sub.bin <- sub.bin + 1E-5)

Modularity\_AS=slot(Modular\_AS,"likelihood")

if (n==1) {

exit=c(n,Hosts,Parasites,NODFarr\_AS,Connectance \_AS,Modularity\_AS)

} else {

exit1=c(n,Hosts,Parasites,NODFarr\_AS,Connectance \_AS,Modularity\_AS)

exit=rbind(exit,exit1)

}

}

#creating final output file of phylogeny model

exit=as.data.frame(exit)

colnames(exit)[1] <- "n"

colnames(exit)[2] <- "Hosts"

colnames(exit)[3] <- "Parasites"

colnames(exit)[4] <- "Nestedness"

colnames(exit)[5] <- "Connectance "

colnames(exit)[6] <- "Modularity"

write.table(exit,file = "exit.phylogeny.model.txt", col.names=TRUE,row.names=FALSE,sep="\t")

###########################################################################**#**

**End model**

###########################################################################**#**

###########################################################################**#**

**Filter iii – Body size Model**

############################################################################

#installing the package

install.packages("bipartite")

#open the directory

setwd(choose.dir())

#Loading the package

library(bipartite)

#inform how many networks to simulate:

samples =1000

#load interaction database matrix

AS<-data.frame(read.csv2("matrix.database.csv",header=TRUE))

#load observed environment matrix

observed <-data.frame(read.csv2("matrix.observed .csv",header=TRUE))

#load interaction database matrix - AS = south america

AS\_size <-data.frame(read.csv2("hosts\_america\_do\_sul.csv",header=TRUE,dec="."))

#load observed environment matrix

observed\_size<-data.frame(read.csv2("Hosts. environment .observado.csv",

header=TRUE,dec="."))

#creating lines

row.names(AS)=AS[,1]

row.names(observed)=observed[,1]

AS=as.matrix(AS[,2:ncol(AS)])

observed=as.matrix(observed[,2:ncol(observed)])

observed.bin=observed.bin=((observed>0)\*1)

#selecting the name of the parasites

namesParasites=colnames(AS)

#selecting the name of the hosts

namesHospedeiro=rownames(AS)

#considering the same number of rows and columns

nl=nrow(observed)

nc=ncol(observed)

#number of hosts

Hosts=nrow(observed.bin)

#number of parasites

Parasites=ncol(observed.bin)

#metrics for the observed environment

#nestedness

NODF\_observed=nested(observed.bin,method="NODF2",rescale=F)

NODFarr\_observed=round(NODF\_observed,digits=3)

#connectance

Connectance \_observed=sum(observed.bin)/(ncol(observed.bin)\*nrow(observed.bin))

#modularity

modular\_observed=computeModules(observed.bin)

Modularity\_observed=slot(modular\_observed,"likelihood")

#creating network frequency file

host=matrix(0,nrow (AS), dimnames = list (row.names(AS),"frequencia"))

#do for all sampled networks

for (n in 1:samples){

#list the chosen species

shortlist =as.character(matrix(0,nl,1))

      #create a host source

fonte\_AS=as.data.frame(AS\_size )

      #confirming that AS\_source is character AS\_source

fonte\_AS$hosts<-as.character(fonte\_AS$hosts)

for(j in 1: nl){

            #body size reference

ref\_size=as.data.frame(observed\_size [,c(4,5)])

#minimum size

minimumsize=observed\_size $minimum[j]

#maximum size

maximumsize=observed\_size $maximum[j]

#get only species within the minimum and maximum range

sample=fonte\_AS[fonte\_AS$size>=minimumsize & fonte\_AS$size<=maximumsize,]

            #create a sample with these species

Host\_sample=sample$hosts

#randomly pick a species

sppchosen<-as.character(sample(Host\_sample,1))

            #create a list of the chosen species

shortlist[j]=sppchosen

#removing source pick

fonte\_AS=fonte\_AS[fonte\_AS$hosts!=sppchosen,]

            #write the source

write.table(fonte\_AS,file = "fonte\_AS.txt", col.names=TRUE,

row.names=F,sep="\t")

}

   # get only lines from the chosen list in AS

   #creating the sub array

sub=AS[shortlist,]

#save network with parasite and host species

     name <-folder (n, subrede\_observed\_T.txt", sep=" ")

write.table(sub,name, col.names = NA, row.names=T,sep="\t")

    #eliminate non-interacting parasites

sub=sub[,!!colSums(sub)]

sub=sub[!!rowSums(sub),]

#metrics for simulated network

    #number of hosts

Hosts=nrow(sub)

  #number of Parasites

Parasites=ncol(sub)

    #binary (0 and 1)

sub.bin=((sub>0)\*1)

  #save networks

 #only hostnames that appear in sub

host.sub=rownames(sub)

name<-paste(n,"subrede\_tamanho.txt", sep=" ")

#write the network

write.table(sub, name, col.names=FALSE,row.names=FALSE,sep="\t")

#n hosts

Hosts\_AS=nrow(sub.bin)

#n parasites

Parasites\_AS=ncol(sub.bin)

#nestedness

NODF\_AS=nested(sub.bin,method="NODF2",rescale=F)

NODFarr\_AS=round(NODF\_AS,digits=3)

#connectance

Connectance \_AS=sum(sub.bin)/(ncol(sub.bin)\*nrow(sub.bin))

#modularity

modular\_AS=computeModules(sub.bin <- sub.bin + 1E-5)

Modularity\_AS=slot(modular\_AS,"likelihood")

if (n==1) {

exit=c(n,Hosts\_AS,Parasites\_AS,NODFarr\_AS,Connectance \_AS,Modularity\_AS)

} else {

exit1=c(n,Hosts\_AS,Parasites\_AS,NODFarr\_AS,Connectance \_AS,Modularity\_AS)

exit=rbind(exit,exit1)

}

}

#creating final output file of phylogeny model

exit=as.data.frame(exit)

colnames(exit)[1] <- "n"

colnames(exit)[2] <- "Hosts"

colnames(exit)[3] <- "Parasites"

colnames(exit)[4] <- "Nestedness"

colnames(exit)[5] <- "Connectance "

colnames(exit)[6] <- "Modularity"

write.table(exit,file = "exit.body.size.model.txt", col.names=TRUE,row.names=FALSE,sep="\t")

###########################################################################**#**

**End model**

###########################################################################**#**

**Supplementary material S3**

**Table 1**. Characterization of environments, family, host, body size (±5%), anuran richness observed for endoparasite infection in the analysed environments, and number of corresponding frogs in the database of the Soouth America.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Environments** | **Family** | **Host** | **Body**  **size** | **Richenss of host** | |
| **Local** | **South America** |
| Pantanal | Hylidae | *Dendropsophus nanus* | 21.47 | 6 | 45 |
| *Hypsiboas raniceps* | 57.69 |
| *Lysapsus limellum* | 17.7 |
| *Pseudis paradoxa* | 38.18 |
| *Scinax nasicus* | 30.49 |
| *Trachycephalus typhonius* | 66.54 |
| Leptodactylidae | *Leptodactylus chaquensis* | 61.05 | 5 | 39 |
| *Leptodactylus fuscus* | 40.34 |
| *Leptodactylus podicipinus* | 32 |
| *Phyllomedusa azurea* | 36.64 |
| *Physalaemus albonotatus* | 26.53 |
| Atlantic rainforest | Bufonidae | *Rhinella schneideri* | 140 | 1 | 24 |
| Hylidae | *Hypsiboas albopunctatus* | 47.5 | 6 | 45 |
| *Hypsiboas punctatus* | 37 |
| *Hypsiboas raniceps* | 57.69 |
| *Pseudis platensis* | 22 |
| *Scinax fuscovarius* | 48.5 |
| *Trachycephalus typhonius* | 66.54 |
| Leptodactylidae | *Leptodactylus chaquensis* | 61.05 | 3 | 39 |
| *Leptodactylus fuscus* | 40.34 |
| *Leptodactylus podicipinus* | 32 |
| Microhylidae | *Elachistocleis bicolor* | 31 | 1 | 4 |

**Supplementary material S4**

**Random networks by model**

**Table 1**. Characterization of the random network of the neutral model for Pantanal.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Host | Parasites | Nestedness | Connectance | Modularity |
| 1 | 11 | 23 | 4.978 | 0.110671936758893 | 0.76396 |
| 2 | 11 | 17 | 5.061 | 0.117647058823529 | 0.758198 |
| 3 | 11 | 46 | 15.093 | 0.118577075098814 | 0.636332 |
| 4 | 11 | 18 | 11.538 | 0.126262626262626 | 0.699143 |
| 5 | 11 | 20 | 8.231 | 0.113636363636364 | 0.713537 |
| 6 | 11 | 33 | 16.409 | 0.112947658402204 | 0.631709 |
| 7 | 11 | 23 | 7.9 | 0.106719367588933 | 0.739299 |
| 8 | 11 | 42 | 10.551 | 0.11038961038961 | 0.680059 |
| 9 | 11 | 17 | 8.901 | 0.117647058823529 | 0.71068 |
| 10 | 11 | 27 | 21.018 | 0.127946127946128 | 0.594825 |
| 11 | 11 | 14 | 18.151 | 0.162337662337662 | 0.58556 |
| 12 | 11 | 31 | 12.079 | 0.126099706744868 | 0.625694 |
| 13 | 11 | 37 | 7.727 | 0.103194103194103 | 0.650728 |
| 14 | 11 | 51 | 15.388 | 0.128342245989305 | 0.59679 |
| 15 | 11 | 46 | 17.093 | 0.116600790513834 | 0.615285 |
| 16 | 11 | 52 | 23.615 | 0.122377622377622 | 0.539952 |
| 17 | 11 | 26 | 8.246 | 0.115384615384615 | 0.711599 |
| 18 | 11 | 35 | 14.795 | 0.111688311688312 | 0.645152 |
| 19 | 11 | 20 | 10.571 | 0.131818181818182 | 0.675334 |
| 20 | 11 | 66 | 14.034 | 0.103305785123967 | 0.446884 |
| 21 | 11 | 20 | 18.222 | 0.136363636363636 | 0.662168 |
| 22 | 11 | 34 | 9.733 | 0.106951871657754 | 0.66056 |
| 23 | 11 | 48 | 32.299 | 0.125 | 0.479297 |
| 24 | 11 | 49 | 29.106 | 0.128014842300557 | 0.503843 |
| 25 | 11 | 64 | 19.596 | 0.134943181818182 | 0.478078 |
| 26 | 11 | 16 | 5.714 | 0.119318181818182 | 0.741435 |
| 27 | 11 | 33 | 5.037 | 0.104683195592287 | 0.760315 |
| 28 | 11 | 39 | 29.736 | 0.137529137529138 | 0.519062 |
| 29 | 11 | 32 | 14.899 | 0.119318181818182 | 0.624097 |
| 30 | 11 | 39 | 12.647 | 0.107226107226107 | 0.460251 |
| 31 | 11 | 33 | 21.083 | 0.129476584022039 | 0.536394 |
| 32 | 11 | 40 | 8.285 | 0.104545454545455 | 0.718268 |
| 33 | 11 | 53 | 15.803 | 0.113207547169811 | 0.612432 |
| 34 | 11 | 21 | 4.528 | 0.103896103896104 | 0.788117 |
| 35 | 11 | 26 | 5.702 | 0.118881118881119 | 0.688519 |
| 36 | 11 | 42 | 11.015 | 0.119047619047619 | 0.692173 |
| 37 | 11 | 28 | 10.354 | 0.107142857142857 | 0.678538 |
| 38 | 11 | 43 | 31.507 | 0.124735729386892 | 0.474823 |
| 39 | 11 | 24 | 8.384 | 0.109848484848485 | 0.733583 |
| 40 | 11 | 30 | 12.242 | 0.121212121212121 | 0.677443 |
| 41 | 11 | 50 | 15.459 | 0.12 | 0.633095 |
| 42 | 11 | 24 | 7.16 | 0.109848484848485 | 0.716936 |
| 43 | 11 | 37 | 14.933 | 0.115479115479115 | 0.554042 |
| 44 | 11 | 21 | 17.233 | 0.121212121212121 | 0.591782 |
| 45 | 11 | 32 | 24.012 | 0.133522727272727 | 0.568535 |
| 46 | 11 | 39 | 9.761 | 0.118881118881119 | 0.694672 |
| 47 | 11 | 22 | 11.259 | 0.132231404958678 | 0.66694 |
| 48 | 11 | 29 | 16.964 | 0.125391849529781 | 0.63432 |
| 49 | 11 | 23 | 14.134 | 0.126482213438735 | 0.679631 |
| 50 | 11 | 29 | 12.899 | 0.134796238244514 | 0.641919 |
| 51 | 11 | 21 | 9.119 | 0.116883116883117 | 0.717359 |
| 52 | 11 | 44 | 15.875 | 0.117768595041322 | 0.626906 |
| 53 | 11 | 49 | 15.529 | 0.111317254174397 | 0.585221 |
| 54 | 11 | 45 | 20.15 | 0.117171717171717 | 0.591504 |
| 55 | 11 | 45 | 11.671 | 0.115151515151515 | 0.645985 |
| 56 | 11 | 31 | 9.167 | 0.111436950146628 | 0.70146 |
| 57 | 11 | 31 | 12.489 | 0.111436950146628 | 0.650217 |
| 58 | 11 | 69 | 26.384 | 0.121212121212121 | 0.502197 |
| 59 | 11 | 23 | 10.346 | 0.114624505928854 | 0.689594 |
| 60 | 11 | 39 | 12.763 | 0.121212121212121 | 0.650094 |
| 61 | 11 | 23 | 4.654 | 0.102766798418972 | 0.803176 |
| 62 | 11 | 13 | 4.511 | 0.125874125874126 | 0.749938 |
| 63 | 11 | 25 | 16.784 | 0.123636363636364 | 0.609807 |
| 64 | 11 | 23 | 11.699 | 0.114624505928854 | 0.690783 |
| 65 | 11 | 32 | 8.959 | 0.107954545454545 | 0.667525 |
| 66 | 11 | 34 | 14.954 | 0.125668449197861 | 0.641412 |
| 67 | 11 | 43 | 19.768 | 0.126849894291755 | 0.583562 |
| 68 | 11 | 18 | 10.016 | 0.116161616161616 | 0.706931 |
| 69 | 11 | 25 | 3.521 | 0.105454545454545 | 0.796594 |
| 70 | 11 | 17 | 9.337 | 0.117647058823529 | 0.731341 |
| 71 | 11 | 41 | 12.788 | 0.108647450110865 | 0.626761 |
| 72 | 11 | 22 | 12.179 | 0.132231404958678 | 0.656197 |
| 73 | 11 | 20 | 7.687 | 0.118181818181818 | 0.720351 |
| 74 | 11 | 24 | 11.934 | 0.121212121212121 | 0.674749 |
| 75 | 11 | 34 | 1.38 | 0.0962566844919786 | 0.79004 |
| 76 | 11 | 17 | 7.504 | 0.117647058823529 | 0.723078 |
| 77 | 11 | 23 | 10.501 | 0.114624505928854 | 0.684838 |
| 78 | 11 | 18 | 6.731 | 0.121212121212121 | 0.744727 |
| 79 | 11 | 22 | 12.471 | 0.12396694214876 | 0.653279 |
| 80 | 11 | 31 | 4.712 | 0.102639296187683 | 0.676666 |
| 81 | 11 | 62 | 26.875 | 0.129032258064516 | 0.495182 |
| 82 | 11 | 44 | 19.464 | 0.115702479338843 | 0.580942 |
| 83 | 11 | 26 | 9.842 | 0.132867132867133 | 0.681387 |
| 84 | 11 | 18 | 12.22 | 0.126262626262626 | 0.651147 |
| 85 | 11 | 16 | 8.762 | 0.125 | 0.714818 |
| 86 | 11 | 35 | 15.298 | 0.119480519480519 | 0.66393 |
| 87 | 11 | 14 | 10.502 | 0.136363636363636 | 0.671152 |
| 88 | 11 | 38 | 19.657 | 0.126794258373206 | 0.553534 |
| 89 | 11 | 43 | 17.276 | 0.120507399577167 | 0.581664 |
| 90 | 11 | 31 | 19.617 | 0.126099706744868 | 0.606223 |
| 91 | 11 | 30 | 15.762 | 0.127272727272727 | 0.601425 |
| 92 | 11 | 26 | 18.421 | 0.118881118881119 | 0.592506 |
| 93 | 11 | 23 | 11.602 | 0.118577075098814 | 0.711049 |
| 94 | 11 | 24 | 8.661 | 0.113636363636364 | 0.718826 |
| 95 | 11 | 29 | 5.929 | 0.103448275862069 | 0.767602 |
| 96 | 11 | 19 | 11.873 | 0.124401913875598 | 0.63604 |
| 97 | 11 | 12 | 20.868 | 0.166666666666667 | 0.557817 |
| 98 | 11 | 24 | 8.671 | 0.113636363636364 | 0.709936 |
| 99 | 11 | 23 | 8.847 | 0.118577075098814 | 0.741046 |
| 100 | 11 | 33 | 3.502 | 0.0991735537190083 | 0.810103 |
| 101 | 11 | 30 | 10.605 | 0.115151515151515 | 0.677918 |
| 102 | 11 | 30 | 30.694 | 0.133333333333333 | 0.524749 |
| 103 | 11 | 36 | 8.083 | 0.108585858585859 | 0.65164 |
| 104 | 11 | 33 | 5.232 | 0.118457300275482 | 0.70897 |
| 105 | 11 | 45 | 20.882 | 0.121212121212121 | 0.586614 |
| 106 | 11 | 54 | 11.423 | 0.117845117845118 | 0.660352 |
| 107 | 11 | 68 | 13.263 | 0.102941176470588 | 0.448087 |
| 108 | 11 | 36 | 22.908 | 0.126262626262626 | 0.548748 |
| 109 | 11 | 36 | 9.891 | 0.116161616161616 | 0.714966 |
| 110 | 11 | 32 | 10.98 | 0.122159090909091 | 0.608923 |
| 111 | 11 | 37 | 11.914 | 0.113022113022113 | 0.692754 |
| 112 | 11 | 58 | 27.452 | 0.125391849529781 | 0.469648 |
| 113 | 11 | 16 | 2.857 | 0.102272727272727 | 0.851768 |
| 114 | 11 | 34 | 9.686 | 0.101604278074866 | 0.646748 |
| 115 | 11 | 41 | 13.095 | 0.113082039911308 | 0.666606 |
| 116 | 11 | 37 | 6.894 | 0.105651105651106 | 0.749523 |
| 117 | 11 | 36 | 6.496 | 0.111111111111111 | 0.702415 |
| 118 | 11 | 18 | 18.165 | 0.146464646464646 | 0.627778 |
| 119 | 11 | 20 | 4.082 | 0.104545454545455 | 0.803325 |
| 120 | 11 | 36 | 15.766 | 0.131313131313131 | 0.644919 |
| 121 | 11 | 23 | 5.195 | 0.106719367588933 | 0.788677 |
| 122 | 11 | 18 | 9.215 | 0.131313131313131 | 0.680421 |
| 123 | 11 | 35 | 25.638 | 0.12987012987013 | 0.537157 |
| 124 | 11 | 66 | 15.029 | 0.115702479338843 | 0.577612 |
| 125 | 11 | 20 | 9.422 | 0.131818181818182 | 0.670577 |
| 126 | 11 | 45 | 9.421 | 0.111111111111111 | 0.696465 |
| 127 | 11 | 25 | 5.315 | 0.105454545454545 | 0.763303 |
| 128 | 11 | 42 | 7.405 | 0.101731601731602 | 0.653171 |
| 129 | 11 | 31 | 9.646 | 0.117302052785924 | 0.726813 |
| 130 | 11 | 33 | 9.976 | 0.112947658402204 | 0.719745 |
| 131 | 11 | 12 | 17.218 | 0.166666666666667 | 0.632192 |
| 132 | 11 | 37 | 7.933 | 0.105651105651106 | 0.715453 |
| 133 | 11 | 27 | 12.307 | 0.121212121212121 | 0.66584 |
| 134 | 11 | 26 | 5.877 | 0.104895104895105 | 0.762148 |
| 135 | 11 | 18 | 7.612 | 0.121212121212121 | 0.718688 |
| 136 | 11 | 20 | 5.374 | 0.118181818181818 | 0.741059 |
| 137 | 11 | 16 | 14.857 | 0.130681818181818 | 0.646451 |
| 138 | 11 | 37 | 9.448 | 0.115479115479115 | 0.684866 |
| 139 | 11 | 21 | 8.428 | 0.112554112554113 | 0.724787 |
| 140 | 11 | 20 | 1.224 | 0.1 | 0.863549 |
| 141 | 11 | 31 | 4.744 | 0.111436950146628 | 0.716 |
| 142 | 11 | 31 | 9.547 | 0.111436950146628 | 0.67722 |
| 143 | 11 | 27 | 15.127 | 0.127946127946128 | 0.641915 |
| 144 | 11 | 27 | 5.234 | 0.104377104377104 | 0.781402 |
| 145 | 11 | 33 | 15.202 | 0.118457300275482 | 0.641371 |
| 146 | 11 | 17 | 4.188 | 0.112299465240642 | 0.770906 |
| 147 | 11 | 41 | 10.309 | 0.108647450110865 | 0.615933 |
| 148 | 11 | 35 | 10.744 | 0.109090909090909 | 0.641094 |
| 149 | 11 | 24 | 7.351 | 0.106060606060606 | 0.738451 |
| 150 | 11 | 28 | 15.335 | 0.12987012987013 | 0.645572 |
| 151 | 11 | 22 | 19.551 | 0.136363636363636 | 0.617032 |
| 152 | 11 | 18 | 9.375 | 0.116161616161616 | 0.720164 |
| 153 | 11 | 19 | 4.425 | 0.114832535885167 | 0.76382 |
| 154 | 11 | 23 | 5.195 | 0.0988142292490119 | 0.639933 |
| 155 | 11 | 48 | 9.361 | 0.106060606060606 | 0.664475 |
| 156 | 11 | 19 | 10.708 | 0.124401913875598 | 0.673021 |
| 157 | 11 | 66 | 18.178 | 0.114325068870523 | 0.605113 |
| 158 | 11 | 25 | 8.103 | 0.112727272727273 | 0.720021 |
| 159 | 11 | 45 | 19.988 | 0.113131313131313 | 0.550648 |
| 160 | 11 | 28 | 10.893 | 0.113636363636364 | 0.682388 |
| 161 | 11 | 68 | 13.637 | 0.105614973262032 | 0.440907 |
| 162 | 11 | 22 | 8.333 | 0.107438016528926 | 0.726262 |
| 163 | 11 | 58 | 19.154 | 0.119122257053292 | 0.524021 |
| 164 | 11 | 40 | 21.508 | 0.125 | 0.532184 |
| 165 | 11 | 22 | 13.91 | 0.136363636363636 | 0.643661 |
| 166 | 11 | 28 | 4.388 | 0.107142857142857 | 0.707002 |
| 167 | 11 | 33 | 23.205 | 0.134986225895317 | 0.582212 |
| 168 | 11 | 29 | 3.977 | 0.0971786833855799 | 0.654457 |
| 169 | 11 | 27 | 7.841 | 0.104377104377104 | 0.706485 |
| 170 | 11 | 26 | 0.789 | 0.0944055944055944 | 0.844903 |
| 171 | 11 | 35 | 17.231 | 0.124675324675325 | 0.6384 |
| 172 | 11 | 40 | 13.758 | 0.113636363636364 | 0.629144 |
| 173 | 11 | 17 | 12.653 | 0.128342245989305 | 0.711748 |
| 174 | 11 | 28 | 10.8 | 0.11038961038961 | 0.67814 |
| 175 | 11 | 27 | 9.647 | 0.114478114478114 | 0.706683 |
| 176 | 11 | 18 | 13.478 | 0.131313131313131 | 0.649358 |
| 177 | 11 | 26 | 19.956 | 0.129370629370629 | 0.574094 |
| 178 | 11 | 66 | 22.588 | 0.115702479338843 | 0.468065 |
| 179 | 11 | 32 | 8.385 | 0.107954545454545 | 0.692454 |
| 180 | 11 | 31 | 14.728 | 0.126099706744868 | 0.638672 |
| 181 | 11 | 28 | 11.305 | 0.113636363636364 | 0.69055 |
| 182 | 11 | 26 | 13.459 | 0.122377622377622 | 0.67178 |
| 183 | 11 | 18 | 19.071 | 0.136363636363636 | 0.584315 |
| 184 | 11 | 38 | 9.114 | 0.11244019138756 | 0.697991 |
| 185 | 11 | 55 | 9.692 | 0.107438016528926 | 0.693425 |
| 186 | 11 | 34 | 14.834 | 0.114973262032086 | 0.646239 |
| 187 | 11 | 54 | 14.255 | 0.111111111111111 | 0.604167 |
| 188 | 11 | 33 | 9.054 | 0.110192837465565 | 0.731807 |
| 189 | 11 | 20 | 18.639 | 0.15 | 0.624382 |
| 190 | 11 | 47 | 21.859 | 0.125725338491296 | 0.58433 |
| 191 | 11 | 59 | 18.516 | 0.12326656394453 | 0.574484 |
| 192 | 11 | 52 | 17.411 | 0.118881118881119 | 0.627321 |
| 193 | 11 | 70 | 10.111 | 0.0974025974025974 | 0.453818 |
| 194 | 11 | 43 | 8.824 | 0.112050739957717 | 0.713712 |
| 195 | 11 | 9 | 6.593 | 0.151515151515152 | 0.702175 |
| 196 | 11 | 18 | 8.974 | 0.131313131313131 | 0.714442 |
| 197 | 11 | 43 | 12.329 | 0.118393234672304 | 0.661295 |
| 198 | 11 | 46 | 19.958 | 0.130434782608696 | 0.576169 |
| 199 | 11 | 54 | 17.598 | 0.121212121212121 | 0.558976 |
| 200 | 11 | 12 | 9.504 | 0.128787878787879 | 0.712746 |
| 201 | 11 | 48 | 21.446 | 0.138257575757576 | 0.55841 |
| 202 | 11 | 62 | 10.681 | 0.111436950146628 | 0.649525 |
| 203 | 11 | 24 | 6.294 | 0.106060606060606 | 0.725696 |
| 204 | 11 | 49 | 26.485 | 0.131725417439703 | 0.535564 |
| 205 | 11 | 63 | 21.691 | 0.111111111111111 | 0.437463 |
| 206 | 11 | 44 | 21.953 | 0.136363636363636 | 0.553907 |
| 207 | 11 | 38 | 18.02 | 0.126794258373206 | 0.597674 |
| 208 | 11 | 48 | 20.725 | 0.119318181818182 | 0.587751 |
| 209 | 11 | 38 | 14.041 | 0.11244019138756 | 0.607462 |
| 210 | 11 | 21 | 13.233 | 0.142857142857143 | 0.653765 |
| 211 | 11 | 28 | 9.656 | 0.116883116883117 | 0.694383 |
| 212 | 11 | 34 | 25.475 | 0.141711229946524 | 0.54001 |
| 213 | 11 | 35 | 14.216 | 0.116883116883117 | 0.637968 |
| 214 | 11 | 53 | 33.386 | 0.145797598627787 | 0.440242 |
| 215 | 11 | 21 | 9.677 | 0.108225108225108 | 0.702334 |
| 216 | 11 | 47 | 15.67 | 0.123791102514507 | 0.624215 |
| 217 | 11 | 32 | 4.144 | 0.102272727272727 | 0.762271 |
| 218 | 11 | 26 | 7.456 | 0.111888111888112 | 0.749932 |
| 219 | 11 | 42 | 8.816 | 0.11038961038961 | 0.683904 |
| 220 | 11 | 15 | 13.75 | 0.133333333333333 | 0.665237 |
| 221 | 11 | 32 | 23.984 | 0.153409090909091 | 0.557575 |
| 222 | 11 | 34 | 6.721 | 0.106951871657754 | 0.751179 |
| 223 | 11 | 22 | 2.273 | 0.107438016528926 | 0.789865 |
| 224 | 11 | 33 | 20.669 | 0.110192837465565 | 0.479949 |
| 225 | 11 | 21 | 12.83 | 0.134199134199134 | 0.674246 |
| 226 | 11 | 44 | 31.161 | 0.130165289256198 | 0.496809 |
| 227 | 11 | 24 | 14.753 | 0.132575757575758 | 0.585263 |
| 228 | 11 | 62 | 17.857 | 0.107038123167155 | 0.418981 |
| 229 | 11 | 39 | 17.494 | 0.130536130536131 | 0.57999 |
| 230 | 11 | 44 | 8.67 | 0.111570247933884 | 0.715985 |
| 231 | 11 | 24 | 5.715 | 0.117424242424242 | 0.731467 |
| 232 | 11 | 62 | 18.692 | 0.131964809384164 | 0.573165 |
| 233 | 11 | 58 | 24.808 | 0.13166144200627 | 0.522917 |
| 234 | 11 | 54 | 20.585 | 0.127946127946128 | 0.504459 |
| 235 | 11 | 16 | 4.571 | 0.107954545454545 | 0.803251 |
| 236 | 11 | 32 | 2.396 | 0.0994318181818182 | 0.811345 |
| 237 | 11 | 25 | 5.634 | 0.109090909090909 | 0.732152 |
| 238 | 11 | 40 | 13.585 | 0.122727272727273 | 0.66044 |
| 239 | 11 | 35 | 29.921 | 0.135064935064935 | 0.520665 |
| 240 | 11 | 74 | 20.257 | 0.116707616707617 | 0.534908 |
| 241 | 11 | 52 | 17.669 | 0.120629370629371 | 0.510774 |
| 242 | 11 | 37 | 8.287 | 0.113022113022113 | 0.71591 |
| 243 | 11 | 16 | 12.714 | 0.147727272727273 | 0.624218 |
| 244 | 11 | 20 | 5.918 | 0.104545454545455 | 0.720155 |
| 245 | 11 | 27 | 5.952 | 0.104377104377104 | 0.732499 |
| 246 | 11 | 15 | 12.917 | 0.127272727272727 | 0.687019 |
| 247 | 11 | 41 | 18.163 | 0.110864745011086 | 0.485948 |
| 248 | 11 | 25 | 10.657 | 0.12 | 0.662017 |
| 249 | 11 | 27 | 8.473 | 0.114478114478114 | 0.728309 |
| 250 | 11 | 19 | 16.969 | 0.138755980861244 | 0.63729 |
| 251 | 11 | 34 | 9.307 | 0.114973262032086 | 0.650022 |
| 252 | 11 | 18 | 6.49 | 0.116161616161616 | 0.759858 |
| 253 | 11 | 33 | 5.334 | 0.101928374655647 | 0.743534 |
| 254 | 11 | 22 | 22.354 | 0.144628099173554 | 0.568934 |
| 255 | 11 | 40 | 4.588 | 0.102272727272727 | 0.732766 |
| 256 | 11 | 27 | 7.307 | 0.111111111111111 | 0.744651 |
| 257 | 11 | 25 | 12.723 | 0.109090909090909 | 0.639938 |
| 258 | 11 | 31 | 8.462 | 0.108504398826979 | 0.704827 |
| 259 | 11 | 32 | 12.281 | 0.113636363636364 | 0.665563 |
| 260 | 11 | 27 | 10.714 | 0.114478114478114 | 0.649593 |
| 261 | 11 | 26 | 12.772 | 0.122377622377622 | 0.668516 |
| 262 | 11 | 42 | 8.391 | 0.11038961038961 | 0.697744 |
| 263 | 11 | 17 | 4.45 | 0.101604278074866 | 0.803246 |
| 264 | 11 | 57 | 19.784 | 0.127591706539075 | 0.571516 |
| 265 | 11 | 23 | 1.948 | 0.102766798418972 | 0.792821 |
| 266 | 11 | 27 | 21.65 | 0.134680134680135 | 0.591825 |
| 267 | 11 | 29 | 10.559 | 0.112852664576803 | 0.715213 |
| 268 | 11 | 42 | 16.916 | 0.112554112554113 | 0.602752 |
| 269 | 11 | 26 | 5.526 | 0.111888111888112 | 0.742121 |
| 270 | 11 | 20 | 11.361 | 0.127272727272727 | 0.653006 |
| 271 | 11 | 28 | 23.605 | 0.126623376623377 | 0.59035 |
| 272 | 11 | 36 | 15.981 | 0.123737373737374 | 0.625105 |
| 273 | 11 | 43 | 11.589 | 0.118393234672304 | 0.652368 |
| 274 | 11 | 27 | 20.612 | 0.134680134680135 | 0.606201 |
| 275 | 11 | 47 | 17.148 | 0.117988394584139 | 0.614028 |
| 276 | 11 | 21 | 5.472 | 0.125541125541126 | 0.66225 |
| 277 | 11 | 66 | 22.042 | 0.119834710743802 | 0.457217 |
| 278 | 11 | 44 | 12.783 | 0.107438016528926 | 0.644169 |
| 279 | 11 | 19 | 7.006 | 0.110047846889952 | 0.769306 |
| 280 | 11 | 22 | 9.918 | 0.115702479338843 | 0.718049 |
| 281 | 11 | 42 | 18.992 | 0.112554112554113 | 0.526572 |
| 282 | 11 | 36 | 11.144 | 0.106060606060606 | 0.598578 |
| 283 | 11 | 65 | 9.75 | 0.100699300699301 | 0.383444 |
| 284 | 11 | 40 | 14.09 | 0.120454545454545 | 0.642522 |
| 285 | 11 | 28 | 10.023 | 0.12012987012987 | 0.67927 |
| 286 | 11 | 34 | 12.943 | 0.128342245989305 | 0.624081 |
| 287 | 11 | 52 | 28.162 | 0.132867132867133 | 0.520734 |
| 288 | 11 | 41 | 27.726 | 0.139689578713969 | 0.545687 |
| 289 | 11 | 25 | 6.995 | 0.116363636363636 | 0.755791 |
| 290 | 11 | 32 | 21.101 | 0.127840909090909 | 0.568842 |
| 291 | 11 | 55 | 18.248 | 0.115702479338843 | 0.59117 |
| 292 | 11 | 41 | 29.935 | 0.141906873614191 | 0.512657 |
| 293 | 11 | 28 | 8.514 | 0.12012987012987 | 0.71287 |
| 294 | 11 | 21 | 6.792 | 0.103896103896104 | 0.758608 |
| 295 | 11 | 37 | 25.711 | 0.117936117936118 | 0.529464 |
| 296 | 11 | 64 | 17.985 | 0.116477272727273 | 0.471246 |
| 297 | 11 | 14 | 7.192 | 0.123376623376623 | 0.739552 |
| 298 | 11 | 28 | 11.268 | 0.12012987012987 | 0.681459 |
| 299 | 11 | 27 | 12.775 | 0.131313131313131 | 0.663329 |
| 300 | 11 | 45 | 19.796 | 0.113131313131313 | 0.555749 |
| 301 | 11 | 18 | 11.458 | 0.131313131313131 | 0.641961 |
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| 303 | 11 | 24 | 9.24 | 0.128787878787879 | 0.711015 |
| 304 | 11 | 18 | 6.971 | 0.121212121212121 | 0.732578 |
| 305 | 11 | 28 | 9.23 | 0.123376623376623 | 0.702157 |
| 306 | 11 | 26 | 7.149 | 0.111888111888112 | 0.708918 |
| 307 | 11 | 21 | 11.069 | 0.138528138528139 | 0.652295 |
| 308 | 11 | 64 | 22.375 | 0.115056818181818 | 0.437537 |
| 309 | 11 | 29 | 5.893 | 0.119122257053292 | 0.735394 |
| 310 | 11 | 42 | 5.967 | 0.101731601731602 | 0.698888 |
| 311 | 11 | 30 | 13.639 | 0.115151515151515 | 0.640522 |
| 312 | 11 | 38 | 17.596 | 0.114832535885167 | 0.601074 |
| 313 | 11 | 68 | 9.156 | 0.0989304812834225 | 0.442245 |
| 314 | 11 | 24 | 8.351 | 0.109848484848485 | 0.743094 |
| 315 | 11 | 37 | 14.637 | 0.122850122850123 | 0.675543 |
| 316 | 11 | 50 | 16.814 | 0.114545454545455 | 0.580947 |
| 317 | 11 | 50 | 22.964 | 0.125454545454545 | 0.56685 |
| 318 | 11 | 17 | 15.096 | 0.144385026737968 | 0.619984 |
| 319 | 11 | 39 | 13.482 | 0.116550116550117 | 0.658742 |
| 320 | 11 | 33 | 30.406 | 0.137741046831956 | 0.499155 |
| 321 | 11 | 16 | 7.429 | 0.119318181818182 | 0.741432 |
| 322 | 11 | 38 | 10.252 | 0.119617224880383 | 0.663942 |
| 323 | 11 | 25 | 11.662 | 0.134545454545455 | 0.65006 |
| 324 | 11 | 26 | 16.895 | 0.129370629370629 | 0.625953 |
| 325 | 11 | 21 | 7.673 | 0.112554112554113 | 0.726266 |
| 326 | 11 | 26 | 8.842 | 0.115384615384615 | 0.704254 |
| 327 | 11 | 32 | 20.092 | 0.116477272727273 | 0.592449 |
| 328 | 11 | 28 | 12.66 | 0.133116883116883 | 0.672169 |
| 329 | 11 | 26 | 5.921 | 0.111888111888112 | 0.759698 |
| 330 | 11 | 24 | 4.733 | 0.106060606060606 | 0.77161 |
| 331 | 11 | 28 | 19.169 | 0.12012987012987 | 0.60696 |
| 332 | 11 | 35 | 4.842 | 0.103896103896104 | 0.776175 |
| 333 | 11 | 72 | 26.705 | 0.118686868686869 | 0.446426 |
| 334 | 11 | 23 | 20.292 | 0.118577075098814 | 0.576611 |
| 335 | 11 | 45 | 4.317 | 0.103030303030303 | 0.747715 |
| 336 | 11 | 21 | 10.377 | 0.116883116883117 | 0.670721 |
| 337 | 11 | 27 | 9.992 | 0.117845117845118 | 0.714224 |
| 338 | 11 | 40 | 7.82 | 0.106818181818182 | 0.710208 |
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| 340 | 11 | 27 | 9.001 | 0.111111111111111 | 0.710679 |
| 341 | 11 | 40 | 14.386 | 0.122727272727273 | 0.633347 |
| 342 | 11 | 22 | 5.944 | 0.111570247933884 | 0.748903 |
| 343 | 11 | 30 | 15.734 | 0.121212121212121 | 0.634946 |
| 344 | 11 | 28 | 14.981 | 0.12012987012987 | 0.650785 |
| 345 | 11 | 35 | 10.905 | 0.119480519480519 | 0.678581 |
| 346 | 11 | 37 | 14.076 | 0.132678132678133 | 0.624437 |
| 347 | 11 | 52 | 17.503 | 0.118881118881119 | 0.582127 |
| 348 | 11 | 33 | 10.912 | 0.115702479338843 | 0.67851 |
| 349 | 11 | 40 | 16.715 | 0.115909090909091 | 0.582412 |
| 350 | 11 | 25 | 8.545 | 0.116363636363636 | 0.69525 |
| 351 | 11 | 37 | 13.089 | 0.122850122850123 | 0.623546 |
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| 353 | 11 | 26 | 12.158 | 0.122377622377622 | 0.679126 |
| 354 | 11 | 24 | 3.399 | 0.0984848484848485 | 0.798735 |
| 355 | 11 | 31 | 18.615 | 0.126099706744868 | 0.581884 |
| 356 | 11 | 47 | 21.472 | 0.131528046421663 | 0.582998 |
| 357 | 11 | 41 | 16.466 | 0.119733924611973 | 0.626487 |
| 358 | 11 | 42 | 7.396 | 0.103896103896104 | 0.729531 |
| 359 | 11 | 22 | 8.217 | 0.115702479338843 | 0.719325 |
| 360 | 11 | 34 | 9.284 | 0.114973262032086 | 0.70248 |
| 361 | 11 | 41 | 15.681 | 0.119733924611973 | 0.631633 |
| 362 | 11 | 30 | 20.926 | 0.13030303030303 | 0.579185 |
| 363 | 11 | 38 | 3.133 | 0.100478468899522 | 0.756158 |
| 364 | 11 | 39 | 15.736 | 0.121212121212121 | 0.584266 |
| 365 | 11 | 30 | 4.354 | 0.106060606060606 | 0.75258 |
| 366 | 11 | 41 | 20.046 | 0.124168514412417 | 0.595613 |
| 367 | 11 | 31 | 10.553 | 0.114369501466276 | 0.699478 |
| 368 | 11 | 20 | 14.276 | 0.136363636363636 | 0.622175 |
| 369 | 11 | 45 | 29.399 | 0.137373737373737 | 0.530235 |
| 370 | 11 | 22 | 10.035 | 0.119834710743802 | 0.714563 |
| 371 | 11 | 34 | 3.869 | 0.10427807486631 | 0.82635 |
| 372 | 11 | 76 | 19.619 | 0.117224880382775 | 0.53306 |
| 373 | 11 | 54 | 15.547 | 0.117845117845118 | 0.597091 |
| 374 | 11 | 36 | 9.373 | 0.113636363636364 | 0.677962 |
| 375 | 11 | 24 | 10.272 | 0.109848484848485 | 0.700293 |
| 376 | 11 | 21 | 4.654 | 0.108225108225108 | 0.793526 |
| 377 | 11 | 34 | 17.254 | 0.114973262032086 | 0.554839 |
| 378 | 11 | 28 | 10.758 | 0.107142857142857 | 0.669357 |
| 379 | 11 | 28 | 8.16 | 0.116883116883117 | 0.72833 |
| 380 | 11 | 32 | 20.322 | 0.136363636363636 | 0.595874 |
| 381 | 11 | 31 | 13.211 | 0.117302052785924 | 0.663068 |
| 382 | 11 | 16 | 5.429 | 0.113636363636364 | 0.762432 |
| 383 | 11 | 48 | 17.41 | 0.121212121212121 | 0.612984 |
| 384 | 11 | 32 | 9.891 | 0.107954545454545 | 0.526952 |
| 385 | 11 | 34 | 7.468 | 0.106951871657754 | 0.667434 |
| 386 | 11 | 21 | 14.717 | 0.134199134199134 | 0.62846 |
| 387 | 11 | 42 | 11.242 | 0.114718614718615 | 0.70517 |
| 388 | 11 | 21 | 9.119 | 0.116883116883117 | 0.715987 |
| 389 | 11 | 30 | 8.461 | 0.115151515151515 | 0.718772 |
| 390 | 11 | 25 | 10.268 | 0.116363636363636 | 0.712827 |
| 391 | 11 | 51 | 22.173 | 0.121212121212121 | 0.553582 |
| 392 | 11 | 38 | 11.933 | 0.124401913875598 | 0.653053 |
| 393 | 11 | 34 | 12.697 | 0.112299465240642 | 0.6547 |
| 394 | 11 | 26 | 8.18 | 0.115384615384615 | 0.734555 |
| 395 | 11 | 39 | 22.739 | 0.128205128205128 | 0.573506 |
| 396 | 11 | 38 | 30.312 | 0.131578947368421 | 0.51599 |
| 397 | 11 | 16 | 10.571 | 0.125 | 0.735478 |
| 398 | 11 | 26 | 10.746 | 0.125874125874126 | 0.668158 |
| 399 | 11 | 56 | 15.436 | 0.112012987012987 | 0.625019 |
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| 401 | 11 | 17 | 4.712 | 0.106951871657754 | 0.804925 |
| 402 | 11 | 43 | 13.631 | 0.118393234672304 | 0.649177 |
| 403 | 11 | 83 | 29.91 | 0.129244249726177 | 0.504697 |
| 404 | 11 | 45 | 12.822 | 0.111111111111111 | 0.665061 |
| 405 | 11 | 12 | 9.091 | 0.136363636363636 | 0.706738 |
| 406 | 11 | 37 | 17.97 | 0.127764127764128 | 0.609788 |
| 407 | 11 | 26 | 10.353 | 0.122377622377622 | 0.70443 |
| 408 | 11 | 43 | 9.502 | 0.105708245243129 | 0.629138 |
| 409 | 11 | 53 | 17.829 | 0.123499142367067 | 0.554353 |
| 410 | 11 | 18 | 7.612 | 0.121212121212121 | 0.730842 |
| 411 | 11 | 39 | 24.016 | 0.121212121212121 | 0.574283 |
| 412 | 11 | 34 | 9.165 | 0.10427807486631 | 0.691581 |
| 413 | 11 | 33 | 7.05 | 0.107438016528926 | 0.721167 |
| 414 | 11 | 73 | 14.794 | 0.108343711083437 | 0.504109 |
| 415 | 11 | 41 | 7.711 | 0.110864745011086 | 0.730333 |
| 416 | 11 | 24 | 7.513 | 0.109848484848485 | 0.73596 |
| 417 | 11 | 28 | 3.349 | 0.11038961038961 | 0.754255 |
| 418 | 11 | 34 | 3.436 | 0.0989304812834225 | 0.780783 |
| 419 | 11 | 20 | 6.054 | 0.104545454545455 | 0.75418 |
| 420 | 11 | 26 | 8.772 | 0.108391608391608 | 0.710652 |
| 421 | 11 | 40 | 18.47 | 0.125 | 0.610859 |
| 422 | 11 | 29 | 17.855 | 0.115987460815047 | 0.598191 |
| 423 | 11 | 31 | 15.926 | 0.120234604105572 | 0.63766 |
| 424 | 11 | 78 | 22.533 | 0.118881118881119 | 0.442288 |
| 425 | 11 | 57 | 21.829 | 0.121212121212121 | 0.55743 |
| 426 | 11 | 39 | 5.297 | 0.107226107226107 | 0.555706 |
| 427 | 11 | 30 | 7.449 | 0.112121212121212 | 0.709944 |
| 428 | 11 | 33 | 9.537 | 0.115702479338843 | 0.694949 |
| 429 | 11 | 37 | 10.689 | 0.108108108108108 | 0.672455 |
| 430 | 11 | 34 | 14.346 | 0.128342245989305 | 0.634063 |
| 431 | 11 | 30 | 7.007 | 0.106060606060606 | 0.727279 |
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| 433 | 11 | 28 | 7.005 | 0.11038961038961 | 0.734362 |
| 434 | 11 | 41 | 14.818 | 0.124168514412417 | 0.629412 |
| 435 | 11 | 42 | 7.03 | 0.108225108225108 | 0.719133 |
| 436 | 11 | 64 | 12.003 | 0.0994318181818182 | 0.398935 |
| 437 | 11 | 56 | 14.072 | 0.108766233766234 | 0.620124 |
| 438 | 11 | 27 | 7.348 | 0.104377104377104 | 0.701283 |
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| 440 | 11 | 77 | 29.931 | 0.125147579693034 | 0.460622 |
| 441 | 11 | 13 | 13.659 | 0.13986013986014 | 0.647452 |
| 442 | 11 | 54 | 28.102 | 0.144781144781145 | 0.516592 |
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| 444 | 11 | 27 | 10.148 | 0.114478114478114 | 0.696303 |
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| 446 | 11 | 29 | 12.283 | 0.115987460815047 | 0.663197 |
| 447 | 11 | 37 | 7.301 | 0.103194103194103 | 0.661497 |
| 448 | 11 | 58 | 14.903 | 0.117554858934169 | 0.645275 |
| 449 | 11 | 25 | 8.357 | 0.109090909090909 | 0.703266 |
| 450 | 11 | 78 | 15.902 | 0.110722610722611 | 0.540334 |
| 451 | 11 | 40 | 10.033 | 0.111363636363636 | 0.695063 |
| 452 | 11 | 22 | 7.343 | 0.119834710743802 | 0.721695 |
| 453 | 11 | 25 | 18.156 | 0.134545454545455 | 0.593818 |
| 454 | 11 | 66 | 14.883 | 0.106060606060606 | 0.435943 |
| 455 | 11 | 31 | 9.21 | 0.114369501466276 | 0.676468 |
| 456 | 11 | 42 | 22.86 | 0.112554112554113 | 0.520291 |
| 457 | 11 | 19 | 12.574 | 0.129186602870813 | 0.696788 |
| 458 | 11 | 62 | 17.249 | 0.104105571847507 | 0.39809 |
| 459 | 11 | 22 | 6.964 | 0.107438016528926 | 0.752889 |
| 460 | 11 | 75 | 19.539 | 0.111515151515152 | 0.524285 |
| 461 | 11 | 30 | 11.907 | 0.121212121212121 | 0.672443 |
| 462 | 11 | 18 | 15.913 | 0.131313131313131 | 0.631609 |
| 463 | 11 | 62 | 7.991 | 0.0982404692082111 | 0.356831 |
| 464 | 11 | 28 | 18.88 | 0.12012987012987 | 0.612801 |
| 465 | 11 | 38 | 11.689 | 0.11244019138756 | 0.674904 |
| 466 | 11 | 34 | 8.435 | 0.112299465240642 | 0.712518 |
| 467 | 11 | 14 | 23.858 | 0.162337662337662 | 0.539164 |
| 468 | 11 | 12 | 7.851 | 0.128787878787879 | 0.757726 |
| 469 | 11 | 23 | 9.767 | 0.130434782608696 | 0.695078 |
| 470 | 11 | 52 | 17.694 | 0.120629370629371 | 0.58974 |
| 471 | 11 | 28 | 6.832 | 0.11038961038961 | 0.741281 |
| 472 | 11 | 39 | 11.155 | 0.121212121212121 | 0.639739 |
| 473 | 11 | 54 | 20.966 | 0.117845117845118 | 0.610149 |
| 474 | 11 | 31 | 15.338 | 0.134897360703812 | 0.60865 |
| 475 | 11 | 27 | 5.131 | 0.114478114478114 | 0.715333 |
| 476 | 11 | 43 | 22.754 | 0.12262156448203 | 0.570995 |
| 477 | 11 | 31 | 14.647 | 0.117302052785924 | 0.647443 |
| 478 | 11 | 45 | 18.85 | 0.115151515151515 | 0.588743 |
| 479 | 11 | 50 | 21.929 | 0.12 | 0.575476 |
| 480 | 11 | 30 | 13.483 | 0.121212121212121 | 0.64682 |
| 481 | 11 | 27 | 12.898 | 0.117845117845118 | 0.650552 |
| 482 | 11 | 50 | 12.273 | 0.107272727272727 | 0.654634 |
| 483 | 11 | 28 | 9.81 | 0.116883116883117 | 0.686668 |
| 484 | 11 | 69 | 18.931 | 0.111989459815547 | 0.47455 |
| 485 | 11 | 47 | 16.777 | 0.141199226305609 | 0.599319 |
| 486 | 11 | 30 | 6.832 | 0.106060606060606 | 0.754214 |
| 487 | 11 | 35 | 10.323 | 0.111688311688312 | 0.653808 |
| 488 | 11 | 25 | 12.606 | 0.116363636363636 | 0.670839 |
| 489 | 11 | 37 | 10.65 | 0.110565110565111 | 0.672528 |
| 490 | 11 | 24 | 8.293 | 0.109848484848485 | 0.726449 |
| 491 | 11 | 34 | 14.232 | 0.122994652406417 | 0.657787 |
| 492 | 11 | 29 | 16.963 | 0.119122257053292 | 0.606594 |
| 493 | 11 | 43 | 17.497 | 0.128964059196617 | 0.569155 |
| 494 | 11 | 36 | 11.899 | 0.116161616161616 | 0.65826 |
| 495 | 11 | 30 | 10.199 | 0.115151515151515 | 0.697999 |
| 496 | 11 | 36 | 6.676 | 0.113636363636364 | 0.751044 |
| 497 | 11 | 42 | 23.899 | 0.121212121212121 | 0.574566 |
| 498 | 11 | 42 | 18.096 | 0.123376623376623 | 0.606905 |
| 499 | 11 | 62 | 17.519 | 0.105571847507331 | 0.414497 |
| 500 | 11 | 43 | 12.41 | 0.116279069767442 | 0.665394 |
| 501 | 11 | 30 | 9.813 | 0.112121212121212 | 0.707753 |
| 502 | 11 | 17 | 12.173 | 0.122994652406417 | 0.682362 |
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| 505 | 11 | 26 | 10.298 | 0.125874125874126 | 0.661212 |
| 506 | 11 | 17 | 1.047 | 0.101604278074866 | 0.825402 |
| 507 | 11 | 24 | 8.459 | 0.117424242424242 | 0.694007 |
| 508 | 11 | 48 | 19.677 | 0.126893939393939 | 0.597188 |
| 509 | 11 | 40 | 10.245 | 0.109090909090909 | 0.673548 |
| 510 | 11 | 21 | 2.075 | 0.0995670995670996 | 0.843015 |
| 511 | 11 | 22 | 17.398 | 0.136363636363636 | 0.619789 |
| 512 | 11 | 23 | 7.587 | 0.110671936758893 | 0.751207 |
| 513 | 11 | 39 | 21.746 | 0.137529137529138 | 0.577376 |
| 514 | 11 | 15 | 20.938 | 0.163636363636364 | 0.582954 |
| 515 | 11 | 19 | 9.44 | 0.119617224880383 | 0.71514 |
| 516 | 11 | 64 | 17.129 | 0.109375 | 0.446063 |
| 517 | 11 | 31 | 8.622 | 0.105571847507331 | 0.619535 |
| 518 | 11 | 26 | 11.36 | 0.115384615384615 | 0.695071 |
| 519 | 11 | 72 | 23.656 | 0.117424242424242 | 0.522204 |
| 520 | 11 | 21 | 6.101 | 0.0995670995670996 | 0.750398 |
| 521 | 11 | 20 | 18.62 | 0.140909090909091 | 0.627423 |
| 522 | 11 | 25 | 5.915 | 0.105454545454545 | 0.752603 |
| 523 | 11 | 19 | 3.761 | 0.105263157894737 | 0.789179 |
| 524 | 11 | 40 | 9.413 | 0.102272727272727 | 0.631046 |
| 525 | 11 | 33 | 9.953 | 0.112947658402204 | 0.7019 |
| 526 | 11 | 22 | 25.932 | 0.144628099173554 | 0.558324 |
| 527 | 11 | 31 | 5.513 | 0.120234604105572 | 0.675731 |
| 528 | 11 | 21 | 5.66 | 0.103896103896104 | 0.770758 |
| 529 | 11 | 23 | 11.093 | 0.122529644268775 | 0.66904 |
| 530 | 11 | 21 | 6.541 | 0.116883116883117 | 0.722845 |
| 531 | 11 | 72 | 27.427 | 0.119949494949495 | 0.473861 |
| 532 | 11 | 42 | 30.298 | 0.138528138528139 | 0.532426 |
| 533 | 11 | 18 | 14.103 | 0.126262626262626 | 0.627148 |
| 534 | 11 | 30 | 17.35 | 0.13030303030303 | 0.632719 |
| 535 | 11 | 17 | 8.115 | 0.122994652406417 | 0.740959 |
| 536 | 11 | 79 | 15.133 | 0.107019562715765 | 0.500239 |
| 537 | 11 | 32 | 14.999 | 0.116477272727273 | 0.646582 |
| 538 | 11 | 25 | 11.08 | 0.123636363636364 | 0.68939 |
| 539 | 11 | 37 | 13.851 | 0.110565110565111 | 0.67006 |
| 540 | 11 | 17 | 9.075 | 0.128342245989305 | 0.694389 |
| 541 | 11 | 23 | 6.872 | 0.114624505928854 | 0.733585 |
| 542 | 11 | 20 | 3.81 | 0.104545454545455 | 0.808996 |
| 543 | 11 | 57 | 18.342 | 0.116427432216906 | 0.553714 |
| 544 | 11 | 28 | 8.468 | 0.116883116883117 | 0.614908 |
| 545 | 11 | 14 | 4.11 | 0.11038961038961 | 0.830374 |
| 546 | 11 | 26 | 10.783 | 0.118881118881119 | 0.676413 |
| 547 | 11 | 35 | 6.128 | 0.0987012987012987 | 0.702144 |
| 548 | 11 | 40 | 11.404 | 0.111363636363636 | 0.692564 |
| 549 | 11 | 45 | 17.439 | 0.133333333333333 | 0.578698 |
| 550 | 11 | 26 | 14.529 | 0.136363636363636 | 0.659385 |
| 551 | 11 | 26 | 11.982 | 0.122377622377622 | 0.703612 |
| 552 | 11 | 59 | 22.413 | 0.126348228043143 | 0.55171 |
| 553 | 11 | 29 | 12.53 | 0.125391849529781 | 0.653697 |
| 554 | 11 | 16 | 3.714 | 0.113636363636364 | 0.769929 |
| 555 | 11 | 66 | 10.519 | 0.106060606060606 | 0.438305 |
| 556 | 11 | 60 | 20.365 | 0.104545454545455 | 0.351147 |
| 557 | 11 | 36 | 13.17 | 0.111111111111111 | 0.661095 |
| 558 | 11 | 45 | 12.284 | 0.115151515151515 | 0.632753 |
| 559 | 11 | 38 | 22.994 | 0.126794258373206 | 0.548191 |
| 560 | 11 | 16 | 3.429 | 0.102272727272727 | 0.839424 |
| 561 | 11 | 30 | 15.785 | 0.115151515151515 | 0.605207 |
| 562 | 11 | 70 | 35.015 | 0.124675324675325 | 0.432035 |
| 563 | 11 | 24 | 1.511 | 0.102272727272727 | 0.746152 |
| 564 | 11 | 69 | 21.057 | 0.123847167325428 | 0.529382 |
| 565 | 11 | 20 | 11.122 | 0.127272727272727 | 0.67214 |
| 566 | 11 | 39 | 26.323 | 0.130536130536131 | 0.545551 |
| 567 | 11 | 14 | 7.534 | 0.12987012987013 | 0.68745 |
| 568 | 11 | 85 | 25.411 | 0.127272727272727 | 0.511149 |
| 569 | 11 | 23 | 8.777 | 0.118577075098814 | 0.694384 |
| 570 | 11 | 35 | 10.272 | 0.111688311688312 | 0.695448 |
| 571 | 11 | 31 | 15.412 | 0.12316715542522 | 0.629197 |
| 572 | 11 | 35 | 12.253 | 0.122077922077922 | 0.657257 |
| 573 | 11 | 19 | 23.709 | 0.138755980861244 | 0.540976 |
| 574 | 11 | 23 | 12.029 | 0.118577075098814 | 0.643277 |
| 575 | 11 | 83 | 16.877 | 0.11829134720701 | 0.51264 |
| 576 | 11 | 55 | 15.44 | 0.110743801652893 | 0.608986 |
| 577 | 11 | 25 | 3.803 | 0.12 | 0.745574 |
| 578 | 11 | 25 | 9.343 | 0.116363636363636 | 0.74017 |
| 579 | 11 | 72 | 34.609 | 0.133838383838384 | 0.479934 |
| 580 | 11 | 32 | 17.328 | 0.122159090909091 | 0.585125 |
| 581 | 11 | 28 | 13.197 | 0.12012987012987 | 0.671236 |
| 582 | 11 | 20 | 8.667 | 0.109090909090909 | 0.715213 |
| 583 | 11 | 52 | 20.217 | 0.117132867132867 | 0.582482 |
| 584 | 11 | 30 | 13.223 | 0.115151515151515 | 0.63983 |
| 585 | 11 | 23 | 10.417 | 0.126482213438735 | 0.697209 |
| 586 | 11 | 23 | 10.655 | 0.134387351778656 | 0.646144 |
| 587 | 11 | 33 | 15.904 | 0.121212121212121 | 0.649738 |
| 588 | 11 | 31 | 18.622 | 0.134897360703812 | 0.583603 |
| 589 | 11 | 24 | 15.242 | 0.128787878787879 | 0.672954 |
| 590 | 11 | 33 | 14.067 | 0.118457300275482 | 0.615415 |
| 591 | 11 | 16 | 12.952 | 0.125 | 0.690024 |
| 592 | 11 | 28 | 15.776 | 0.12987012987013 | 0.608702 |
| 593 | 11 | 51 | 25.538 | 0.124777183600713 | 0.529957 |
| 594 | 11 | 45 | 25.943 | 0.123232323232323 | 0.528307 |
| 595 | 11 | 28 | 13.607 | 0.11038961038961 | 0.668622 |
| 596 | 11 | 24 | 5.942 | 0.121212121212121 | 0.69525 |
| 597 | 11 | 47 | 17.91 | 0.125725338491296 | 0.600188 |
| 598 | 11 | 46 | 12.378 | 0.118577075098814 | 0.672163 |
| 599 | 11 | 18 | 3.125 | 0.101010101010101 | 0.844917 |
| 600 | 11 | 30 | 15.967 | 0.13030303030303 | 0.605143 |
| 601 | 11 | 28 | 11.809 | 0.116883116883117 | 0.661976 |
| 602 | 11 | 22 | 3.671 | 0.103305785123967 | 0.81272 |
| 603 | 11 | 10 | 12.5 | 0.145454545454545 | 0.667922 |
| 604 | 11 | 26 | 7.719 | 0.108391608391608 | 0.735624 |
| 605 | 11 | 27 | 9.395 | 0.117845117845118 | 0.709326 |
| 606 | 11 | 59 | 12.089 | 0.117103235747304 | 0.661992 |
| 607 | 11 | 17 | 14.398 | 0.133689839572193 | 0.641551 |
| 608 | 11 | 47 | 18.279 | 0.117988394584139 | 0.613222 |
| 609 | 11 | 23 | 12.284 | 0.126482213438735 | 0.657174 |
| 610 | 11 | 70 | 10.891 | 0.101298701298701 | 0.470034 |
| 611 | 11 | 26 | 6.382 | 0.108391608391608 | 0.741866 |
| 612 | 11 | 26 | 10.974 | 0.115384615384615 | 0.712517 |
| 613 | 11 | 29 | 9.102 | 0.112852664576803 | 0.732186 |
| 614 | 11 | 22 | 10.664 | 0.119834710743802 | 0.645602 |
| 615 | 11 | 14 | 3.425 | 0.116883116883117 | 0.756108 |
| 616 | 11 | 17 | 7.068 | 0.117647058823529 | 0.747866 |
| 617 | 11 | 84 | 18.645 | 0.117965367965368 | 0.476179 |
| 618 | 11 | 30 | 21.323 | 0.136363636363636 | 0.589584 |
| 619 | 11 | 46 | 20.827 | 0.138339920948617 | 0.590566 |
| 620 | 11 | 30 | 10.569 | 0.109090909090909 | 0.690521 |
| 621 | 11 | 53 | 22.249 | 0.120068610634648 | 0.553624 |
| 622 | 11 | 38 | 0.66 | 0.0980861244019139 | 0.625751 |
| 623 | 11 | 70 | 20.524 | 0.118181818181818 | 0.460164 |
| 624 | 11 | 48 | 13.719 | 0.111742424242424 | 0.676467 |
| 625 | 11 | 42 | 8.265 | 0.108225108225108 | 0.713131 |
| 626 | 11 | 56 | 22.445 | 0.131493506493506 | 0.53265 |
| 627 | 11 | 59 | 28.721 | 0.152542372881356 | 0.476959 |
| 628 | 11 | 26 | 8.596 | 0.118881118881119 | 0.70063 |
| 629 | 11 | 15 | 8.646 | 0.139393939393939 | 0.650235 |
| 630 | 11 | 30 | 8.214 | 0.112121212121212 | 0.715056 |
| 631 | 11 | 19 | 12.345 | 0.119617224880383 | 0.675142 |
| 632 | 11 | 57 | 17.829 | 0.114832535885167 | 0.619735 |
| 633 | 11 | 33 | 15.912 | 0.126721763085399 | 0.627075 |
| 634 | 11 | 18 | 6.731 | 0.116161616161616 | 0.733394 |
| 635 | 11 | 27 | 23.81 | 0.124579124579125 | 0.545603 |
| 636 | 11 | 39 | 12.55 | 0.114219114219114 | 0.630931 |
| 637 | 11 | 19 | 7.08 | 0.110047846889952 | 0.756073 |
| 638 | 11 | 45 | 13.374 | 0.111111111111111 | 0.647873 |
| 639 | 11 | 45 | 13.257 | 0.115151515151515 | 0.65368 |
| 640 | 11 | 14 | 5.137 | 0.11038961038961 | 0.785396 |
| 641 | 11 | 43 | 6.397 | 0.105708245243129 | 0.733529 |
| 642 | 11 | 24 | 11.178 | 0.117424242424242 | 0.618049 |
| 643 | 11 | 42 | 12.861 | 0.114718614718615 | 0.62828 |
| 644 | 11 | 46 | 6.346 | 0.100790513833992 | 0.715806 |
| 645 | 11 | 13 | 12.406 | 0.132867132867133 | 0.686929 |
| 646 | 11 | 21 | 2.453 | 0.108225108225108 | 0.806324 |
| 647 | 11 | 77 | 15.36 | 0.106257378984652 | 0.52686 |
| 648 | 11 | 69 | 21.965 | 0.114624505928854 | 0.49222 |
| 649 | 11 | 63 | 23.931 | 0.124098124098124 | 0.548762 |
| 650 | 11 | 21 | 5 | 0.0995670995670996 | 0.769299 |
| 651 | 11 | 14 | 19.463 | 0.175324675324675 | 0.513002 |
| 652 | 11 | 25 | 6.009 | 0.109090909090909 | 0.744373 |
| 653 | 11 | 23 | 5.465 | 0.106719367588933 | 0.766731 |
| 654 | 11 | 44 | 8.912 | 0.105371900826446 | 0.648148 |
| 655 | 11 | 25 | 9.648 | 0.112727272727273 | 0.720017 |
| 656 | 11 | 28 | 8.757 | 0.116883116883117 | 0.719073 |
| 657 | 11 | 70 | 29.846 | 0.116883116883117 | 0.471806 |
| 658 | 11 | 32 | 15.983 | 0.119318181818182 | 0.577044 |
| 659 | 11 | 18 | 5.449 | 0.106060606060606 | 0.770902 |
| 660 | 11 | 23 | 12.716 | 0.134387351778656 | 0.638359 |
| 661 | 11 | 38 | 10.771 | 0.11244019138756 | 0.63688 |
| 662 | 11 | 29 | 13.09 | 0.122257053291536 | 0.660036 |
| 663 | 11 | 20 | 2.449 | 0.104545454545455 | 0.839238 |
| 664 | 11 | 15 | 10.833 | 0.133333333333333 | 0.636317 |
| 665 | 11 | 39 | 25.356 | 0.121212121212121 | 0.548027 |
| 666 | 11 | 57 | 26.358 | 0.133971291866029 | 0.505913 |
| 667 | 11 | 26 | 10.207 | 0.115384615384615 | 0.718026 |
| 668 | 11 | 22 | 7.051 | 0.107438016528926 | 0.7662 |
| 669 | 11 | 53 | 23.569 | 0.130360205831904 | 0.542545 |
| 670 | 11 | 61 | 17.093 | 0.123695976154993 | 0.601779 |
| 671 | 11 | 18 | 11.659 | 0.121212121212121 | 0.689178 |
| 672 | 11 | 23 | 2.597 | 0.106719367588933 | 0.773588 |
| 673 | 11 | 30 | 14.653 | 0.121212121212121 | 0.658068 |
| 674 | 11 | 33 | 6.914 | 0.110192837465565 | 0.733056 |
| 675 | 11 | 28 | 9.169 | 0.113636363636364 | 0.707689 |
| 676 | 11 | 39 | 9.711 | 0.118881118881119 | 0.666219 |
| 677 | 11 | 45 | 14.521 | 0.115151515151515 | 0.629677 |
| 678 | 11 | 32 | 7.489 | 0.102272727272727 | 0.729094 |
| 679 | 11 | 38 | 7.338 | 0.107655502392345 | 0.745115 |
| 680 | 11 | 37 | 14.01 | 0.113022113022113 | 0.636993 |
| 681 | 11 | 40 | 7.843 | 0.109090909090909 | 0.740382 |
| 682 | 11 | 33 | 13.221 | 0.126721763085399 | 0.649759 |
| 683 | 11 | 70 | 14.794 | 0.112987012987013 | 0.489708 |
| 684 | 11 | 19 | 12.242 | 0.133971291866029 | 0.660662 |
| 685 | 11 | 27 | 7.055 | 0.111111111111111 | 0.727204 |
| 686 | 11 | 18 | 9.776 | 0.126262626262626 | 0.697544 |
| 687 | 11 | 36 | 8.783 | 0.116161616161616 | 0.672433 |
| 688 | 11 | 19 | 7.743 | 0.119617224880383 | 0.753536 |
| 689 | 11 | 22 | 6.76 | 0.115702479338843 | 0.725701 |
| 690 | 11 | 26 | 11.529 | 0.122377622377622 | 0.661985 |
| 691 | 11 | 67 | 15.484 | 0.105834464043419 | 0.439959 |
| 692 | 11 | 31 | 4.019 | 0.0997067448680352 | 0.785388 |
| 693 | 11 | 21 | 10 | 0.116883116883117 | 0.71873 |
| 694 | 11 | 41 | 4.664 | 0.104212860310421 | 0.745061 |
| 695 | 11 | 41 | 13.662 | 0.110864745011086 | 0.577943 |
| 696 | 11 | 41 | 12.919 | 0.106430155210643 | 0.63492 |
| 697 | 11 | 22 | 7.721 | 0.115702479338843 | 0.723151 |
| 698 | 11 | 29 | 13.384 | 0.128526645768025 | 0.640638 |
| 699 | 11 | 28 | 8.216 | 0.11038961038961 | 0.698035 |
| 700 | 11 | 17 | 2.88 | 0.106951871657754 | 0.789925 |
| 701 | 11 | 32 | 9.347 | 0.119318181818182 | 0.676241 |
| 702 | 11 | 40 | 21.265 | 0.113636363636364 | 0.504748 |
| 703 | 11 | 41 | 9.527 | 0.121951219512195 | 0.681265 |
| 704 | 11 | 12 | 14.05 | 0.136363636363636 | 0.678961 |
| 705 | 11 | 19 | 9.735 | 0.114832535885167 | 0.710006 |
| 706 | 11 | 31 | 12.878 | 0.117302052785924 | 0.652442 |
| 707 | 11 | 19 | 9.808 | 0.129186602870813 | 0.667985 |
| 708 | 11 | 31 | 24.366 | 0.13782991202346 | 0.520559 |
| 709 | 11 | 58 | 14.861 | 0.103448275862069 | 0.32939 |
| 710 | 11 | 74 | 36.6 | 0.13022113022113 | 0.439176 |
| 711 | 11 | 28 | 7.744 | 0.11038961038961 | 0.710143 |
| 712 | 11 | 18 | 10.817 | 0.116161616161616 | 0.710712 |
| 713 | 11 | 14 | 12.9 | 0.12987012987013 | 0.672447 |
| 714 | 11 | 51 | 21.563 | 0.126559714795009 | 0.558969 |
| 715 | 11 | 62 | 31.274 | 0.120234604105572 | 0.369385 |
| 716 | 11 | 34 | 12.99 | 0.122994652406417 | 0.666293 |
| 717 | 11 | 17 | 6.894 | 0.112299465240642 | 0.752767 |
| 718 | 11 | 20 | 13.844 | 0.131818181818182 | 0.630153 |
| 719 | 11 | 19 | 14.174 | 0.133971291866029 | 0.649185 |
| 720 | 11 | 44 | 11.559 | 0.111570247933884 | 0.670721 |
| 721 | 11 | 67 | 17.31 | 0.105834464043419 | 0.426319 |
| 722 | 11 | 46 | 23.084 | 0.132411067193676 | 0.559324 |
| 723 | 11 | 24 | 8.855 | 0.109848484848485 | 0.708614 |
| 724 | 11 | 30 | 16.964 | 0.124242424242424 | 0.610892 |
| 725 | 11 | 27 | 19.089 | 0.127946127946128 | 0.648146 |
| 726 | 11 | 38 | 10.994 | 0.107655502392345 | 0.551054 |
| 727 | 11 | 24 | 1.208 | 0.102272727272727 | 0.740665 |
| 728 | 11 | 43 | 9.231 | 0.116279069767442 | 0.704071 |
| 729 | 11 | 40 | 21.226 | 0.113636363636364 | 0.559146 |
| 730 | 11 | 32 | 18.796 | 0.125 | 0.615649 |
| 731 | 11 | 25 | 12.773 | 0.116363636363636 | 0.656193 |
| 732 | 11 | 32 | 5.324 | 0.107954545454545 | 0.718767 |
| 733 | 11 | 25 | 7.582 | 0.12 | 0.711601 |
| 734 | 11 | 40 | 12.422 | 0.111363636363636 | 0.673825 |
| 735 | 11 | 24 | 3.625 | 0.106060606060606 | 0.808595 |
| 736 | 11 | 46 | 17.095 | 0.118577075098814 | 0.606059 |
| 737 | 11 | 21 | 7.358 | 0.116883116883117 | 0.709125 |
| 738 | 11 | 35 | 23.011 | 0.116883116883117 | 0.513529 |
| 739 | 11 | 70 | 11.223 | 0.105194805194805 | 0.493773 |
| 740 | 11 | 89 | 17.458 | 0.112359550561798 | 0.543916 |
| 741 | 11 | 20 | 1.633 | 0.1 | 0.789176 |
| 742 | 11 | 33 | 18.975 | 0.129476584022039 | 0.619233 |
| 743 | 11 | 57 | 24.473 | 0.12280701754386 | 0.544224 |
| 744 | 11 | 36 | 9.543 | 0.111111111111111 | 0.685887 |
| 745 | 11 | 16 | 10.857 | 0.130681818181818 | 0.674804 |
| 746 | 11 | 22 | 11.422 | 0.12396694214876 | 0.679943 |
| 747 | 11 | 51 | 22.091 | 0.117647058823529 | 0.594528 |
| 748 | 11 | 42 | 14.854 | 0.114718614718615 | 0.62116 |
| 749 | 11 | 23 | 10.85 | 0.122529644268775 | 0.689849 |
| 750 | 11 | 29 | 12.811 | 0.119122257053292 | 0.628749 |
| 751 | 11 | 48 | 10.505 | 0.107954545454545 | 0.702612 |
| 752 | 11 | 19 | 10.251 | 0.129186602870813 | 0.65427 |
| 753 | 11 | 43 | 9.672 | 0.103594080338266 | 0.700473 |
| 754 | 11 | 42 | 7.719 | 0.108225108225108 | 0.747529 |
| 755 | 11 | 43 | 13.989 | 0.116279069767442 | 0.644239 |
| 756 | 11 | 38 | 25.825 | 0.124401913875598 | 0.536933 |
| 757 | 11 | 20 | 3.537 | 0.1 | 0.787112 |
| 758 | 11 | 34 | 18.295 | 0.120320855614973 | 0.623156 |
| 759 | 11 | 28 | 5.589 | 0.107142857142857 | 0.729039 |
| 760 | 11 | 33 | 8.462 | 0.107438016528926 | 0.649508 |
| 761 | 11 | 72 | 18.219 | 0.11489898989899 | 0.512326 |
| 762 | 11 | 26 | 4.825 | 0.108391608391608 | 0.781403 |
| 763 | 11 | 24 | 6.808 | 0.109848484848485 | 0.772818 |
| 764 | 11 | 22 | 5.886 | 0.103305785123967 | 0.747126 |
| 765 | 11 | 38 | 9.501 | 0.105263157894737 | 0.71429 |
| 766 | 11 | 11 | 8.182 | 0.12396694214876 | 0.751051 |
| 767 | 11 | 28 | 10.887 | 0.107142857142857 | 0.658338 |
| 768 | 11 | 22 | 12.191 | 0.132231404958678 | 0.646434 |
| 769 | 11 | 37 | 11.264 | 0.110565110565111 | 0.674997 |
| 770 | 11 | 24 | 8.233 | 0.109848484848485 | 0.727638 |
| 771 | 11 | 31 | 13.622 | 0.12316715542522 | 0.604821 |
| 772 | 11 | 30 | 9.922 | 0.112121212121212 | 0.706292 |
| 773 | 11 | 27 | 13.177 | 0.117845117845118 | 0.640758 |
| 774 | 11 | 34 | 7.183 | 0.10427807486631 | 0.732999 |
| 775 | 11 | 19 | 0 | 0.0956937799043062 | 0.819913 |
| 776 | 11 | 20 | 7.279 | 0.113636363636364 | 0.668737 |
| 777 | 11 | 30 | 15.398 | 0.124242424242424 | 0.621009 |
| 778 | 11 | 44 | 14.83 | 0.117768595041322 | 0.632447 |
| 779 | 11 | 24 | 9.114 | 0.113636363636364 | 0.711048 |
| 780 | 11 | 22 | 8.916 | 0.119834710743802 | 0.694352 |
| 781 | 11 | 22 | 11.946 | 0.12396694214876 | 0.696609 |
| 782 | 11 | 31 | 17.691 | 0.12316715542522 | 0.61106 |
| 783 | 11 | 47 | 15.755 | 0.117988394584139 | 0.611879 |
| 784 | 11 | 28 | 12.466 | 0.123376623376623 | 0.677228 |
| 785 | 11 | 43 | 30.4 | 0.135306553911205 | 0.510214 |
| 786 | 11 | 26 | 27.193 | 0.13986013986014 | 0.543708 |
| 787 | 11 | 29 | 14.181 | 0.112852664576803 | 0.624941 |
| 788 | 11 | 18 | 19.215 | 0.141414141414141 | 0.577763 |
| 789 | 11 | 75 | 10.295 | 0.105454545454545 | 0.538059 |
| 790 | 11 | 57 | 13.658 | 0.118022328548644 | 0.665759 |
| 791 | 11 | 17 | 12.478 | 0.122994652406417 | 0.68614 |
| 792 | 11 | 36 | 18.107 | 0.116161616161616 | 0.585955 |
| 793 | 11 | 72 | 16.58 | 0.112373737373737 | 0.510741 |
| 794 | 11 | 24 | 9.351 | 0.117424242424242 | 0.716897 |
| 795 | 11 | 43 | 15.266 | 0.109936575052854 | 0.60608 |
| 796 | 11 | 46 | 7.362 | 0.106719367588933 | 0.73107 |
| 797 | 11 | 41 | 14.215 | 0.124168514412417 | 0.616977 |
| 798 | 11 | 40 | 10.58 | 0.118181818181818 | 0.676348 |
| 799 | 11 | 44 | 16.803 | 0.117768595041322 | 0.609365 |
| 800 | 11 | 31 | 11.081 | 0.12316715542522 | 0.668312 |
| 801 | 11 | 27 | 14.992 | 0.117845117845118 | 0.605659 |
| 802 | 11 | 20 | 10.068 | 0.127272727272727 | 0.661936 |
| 803 | 11 | 27 | 8.465 | 0.111111111111111 | 0.696907 |
| 804 | 11 | 30 | 6.93 | 0.106060606060606 | 0.7485 |
| 805 | 11 | 19 | 12.906 | 0.129186602870813 | 0.6817 |
| 806 | 11 | 32 | 4.174 | 0.107954545454545 | 0.731925 |
| 807 | 11 | 79 | 21.664 | 0.121979286536249 | 0.528611 |
| 808 | 11 | 77 | 19.311 | 0.116883116883117 | 0.526018 |
| 809 | 11 | 39 | 15.711 | 0.118881118881119 | 0.647388 |
| 810 | 11 | 33 | 19.518 | 0.121212121212121 | 0.591888 |
| 811 | 11 | 37 | 14.591 | 0.117936117936118 | 0.615398 |
| 812 | 11 | 25 | 6.854 | 0.105454545454545 | 0.781139 |
| 813 | 11 | 22 | 10.023 | 0.107438016528926 | 0.718866 |
| 814 | 11 | 38 | 9.614 | 0.117224880382775 | 0.637592 |
| 815 | 11 | 34 | 17.968 | 0.128342245989305 | 0.599342 |
| 816 | 11 | 28 | 6.673 | 0.103896103896104 | 0.75188 |
| 817 | 11 | 31 | 8.926 | 0.111436950146628 | 0.676527 |
| 818 | 11 | 36 | 12.763 | 0.116161616161616 | 0.647392 |
| 819 | 11 | 27 | 9.893 | 0.114478114478114 | 0.692845 |
| 820 | 11 | 27 | 16.626 | 0.114478114478114 | 0.620186 |
| 821 | 11 | 41 | 19.434 | 0.130820399113082 | 0.590876 |
| 822 | 11 | 30 | 3.707 | 0.106060606060606 | 0.748499 |
| 823 | 11 | 30 | 5.527 | 0.106060606060606 | 0.753396 |
| 824 | 11 | 18 | 10.256 | 0.131313131313131 | 0.723317 |
| 825 | 11 | 39 | 4.428 | 0.1002331002331 | 0.785752 |
| 826 | 11 | 44 | 13.718 | 0.113636363636364 | 0.593003 |
| 827 | 11 | 23 | 13.431 | 0.122529644268775 | 0.681524 |
| 828 | 11 | 38 | 9.774 | 0.105263157894737 | 0.688468 |
| 829 | 11 | 67 | 17.867 | 0.109905020352782 | 0.491794 |
| 830 | 11 | 43 | 10.73 | 0.103594080338266 | 0.650914 |
| 831 | 11 | 52 | 25.638 | 0.131118881118881 | 0.554088 |
| 832 | 11 | 47 | 20.42 | 0.117988394584139 | 0.539589 |
| 833 | 11 | 31 | 13.381 | 0.114369501466276 | 0.646227 |
| 834 | 11 | 15 | 5 | 0.109090909090909 | 0.783878 |
| 835 | 11 | 41 | 8.214 | 0.119733924611973 | 0.663181 |
| 836 | 11 | 22 | 14.51 | 0.119834710743802 | 0.68484 |
| 837 | 11 | 43 | 16.003 | 0.118393234672304 | 0.598796 |
| 838 | 11 | 29 | 4.845 | 0.109717868338558 | 0.746053 |
| 839 | 11 | 31 | 8.224 | 0.111436950146628 | 0.707 |
| 840 | 11 | 26 | 18.82 | 0.118881118881119 | 0.609807 |
| 841 | 11 | 31 | 24.218 | 0.134897360703812 | 0.578403 |
| 842 | 11 | 31 | 9.968 | 0.108504398826979 | 0.657351 |
| 843 | 11 | 27 | 13.875 | 0.121212121212121 | 0.689756 |
| 844 | 11 | 35 | 8.813 | 0.116883116883117 | 0.68636 |
| 845 | 11 | 31 | 5.994 | 0.111436950146628 | 0.740236 |
| 846 | 11 | 43 | 13.165 | 0.105708245243129 | 0.623939 |
| 847 | 11 | 23 | 5.79 | 0.118577075098814 | 0.742159 |
| 848 | 11 | 37 | 17.477 | 0.127764127764128 | 0.613113 |
| 849 | 11 | 25 | 11.596 | 0.12 | 0.701503 |
| 850 | 11 | 39 | 13.479 | 0.111888111888112 | 0.640999 |
| 851 | 11 | 27 | 6.732 | 0.111111111111111 | 0.72996 |
| 852 | 11 | 38 | 14.391 | 0.114832535885167 | 0.621907 |
| 853 | 11 | 35 | 3.236 | 0.0987012987012987 | 0.792163 |
| 854 | 11 | 31 | 4.551 | 0.105571847507331 | 0.73681 |
| 855 | 11 | 28 | 19.65 | 0.123376623376623 | 0.560197 |
| 856 | 11 | 39 | 4.611 | 0.102564102564103 | 0.63165 |
| 857 | 11 | 45 | 16.692 | 0.117171717171717 | 0.624795 |
| 858 | 11 | 47 | 11.148 | 0.108317214700193 | 0.650767 |
| 859 | 11 | 17 | 11.344 | 0.122994652406417 | 0.676691 |
| 860 | 11 | 24 | 8.409 | 0.109848484848485 | 0.738337 |
| 861 | 11 | 42 | 20.678 | 0.127705627705628 | 0.55382 |
| 862 | 11 | 47 | 14.262 | 0.112185686653772 | 0.550479 |
| 863 | 11 | 28 | 8.008 | 0.113636363636364 | 0.721568 |
| 864 | 11 | 48 | 30.903 | 0.128787878787879 | 0.504066 |
| 865 | 11 | 40 | 13.623 | 0.111363636363636 | 0.64967 |
| 866 | 11 | 20 | 5.714 | 0.113636363636364 | 0.772732 |
| 867 | 11 | 26 | 8.728 | 0.115384615384615 | 0.718025 |
| 868 | 11 | 36 | 2.409 | 0.0984848484848485 | 0.802679 |
| 869 | 11 | 25 | 2.817 | 0.101818181818182 | 0.774156 |
| 870 | 11 | 51 | 27.047 | 0.137254901960784 | 0.5159 |
| 871 | 11 | 26 | 6.895 | 0.111888111888112 | 0.746027 |
| 872 | 11 | 74 | 31.531 | 0.124078624078624 | 0.458247 |
| 873 | 11 | 15 | 1.875 | 0.115151515151515 | 0.808791 |
| 874 | 11 | 52 | 16.053 | 0.11013986013986 | 0.61773 |
| 875 | 11 | 43 | 8.641 | 0.114164904862579 | 0.694039 |
| 876 | 11 | 30 | 13.748 | 0.112121212121212 | 0.60184 |
| 877 | 11 | 27 | 5.7 | 0.104377104377104 | 0.763714 |
| 878 | 11 | 27 | 8.327 | 0.111111111111111 | 0.72078 |
| 879 | 11 | 30 | 14.403 | 0.118181818181818 | 0.635053 |
| 880 | 11 | 24 | 6.647 | 0.106060606060606 | 0.757581 |
| 881 | 11 | 28 | 3.734 | 0.107142857142857 | 0.716184 |
| 882 | 11 | 17 | 10.908 | 0.133689839572193 | 0.681547 |
| 883 | 11 | 38 | 18.481 | 0.141148325358852 | 0.55698 |
| 884 | 11 | 74 | 13.747 | 0.108108108108108 | 0.478514 |
| 885 | 11 | 65 | 18.169 | 0.107692307692308 | 0.466133 |
| 886 | 11 | 35 | 11.991 | 0.114285714285714 | 0.679692 |
| 887 | 11 | 33 | 13.299 | 0.118457300275482 | 0.638125 |
| 888 | 11 | 28 | 7.66 | 0.113636363636364 | 0.692182 |
| 889 | 11 | 48 | 9.481 | 0.111742424242424 | 0.631946 |
| 890 | 11 | 33 | 15.283 | 0.12396694214876 | 0.640441 |
| 891 | 11 | 25 | 12.394 | 0.116363636363636 | 0.656192 |
| 892 | 11 | 27 | 16.039 | 0.117845117845118 | 0.636679 |
| 893 | 11 | 18 | 9.776 | 0.116161616161616 | 0.69181 |
| 894 | 11 | 52 | 20.596 | 0.127622377622378 | 0.593307 |
| 895 | 11 | 25 | 5.915 | 0.109090909090909 | 0.748817 |
| 896 | 11 | 55 | 26.844 | 0.132231404958678 | 0.538393 |
| 897 | 11 | 20 | 6.02 | 0.109090909090909 | 0.755137 |
| 898 | 11 | 15 | 1.875 | 0.103030303030303 | 0.858048 |
| 899 | 11 | 16 | 20.438 | 0.159090909090909 | 0.587968 |
| 900 | 11 | 32 | 3.025 | 0.0994318181818182 | 0.757474 |
| 901 | 11 | 26 | 10.432 | 0.122377622377622 | 0.67831 |
| 902 | 11 | 27 | 11.203 | 0.111111111111111 | 0.684053 |
| 903 | 11 | 30 | 11.401 | 0.121212121212121 | 0.677444 |
| 904 | 11 | 48 | 16.799 | 0.123106060606061 | 0.601134 |
| 905 | 11 | 26 | 7.801 | 0.118881118881119 | 0.749069 |
| 906 | 11 | 15 | 5.833 | 0.109090909090909 | 0.77462 |
| 907 | 11 | 66 | 17.083 | 0.112947658402204 | 0.475557 |
| 908 | 11 | 14 | 12.1 | 0.142857142857143 | 0.679703 |
| 909 | 11 | 55 | 32.68 | 0.142148760330579 | 0.496582 |
| 910 | 11 | 15 | 9.062 | 0.127272727272727 | 0.66888 |
| 911 | 11 | 24 | 7.351 | 0.117424242424242 | 0.701293 |
| 912 | 11 | 33 | 7.483 | 0.107438016528926 | 0.725769 |
| 913 | 11 | 28 | 7.803 | 0.103896103896104 | 0.730398 |
| 914 | 11 | 35 | 9.051 | 0.114285714285714 | 0.666777 |
| 915 | 11 | 20 | 3.605 | 0.104545454545455 | 0.810887 |
| 916 | 11 | 37 | 20.65 | 0.125307125307125 | 0.607406 |
| 917 | 11 | 42 | 14.912 | 0.11038961038961 | 0.597407 |
| 918 | 11 | 26 | 13.07 | 0.115384615384615 | 0.654669 |
| 919 | 11 | 29 | 10.137 | 0.112852664576803 | 0.720615 |
| 920 | 11 | 29 | 14.606 | 0.122257053291536 | 0.663322 |
| 921 | 11 | 84 | 17.693 | 0.116883116883117 | 0.47338 |
| 922 | 11 | 22 | 15.396 | 0.132231404958678 | 0.650339 |
| 923 | 11 | 39 | 18.354 | 0.125874125874126 | 0.602144 |
| 924 | 11 | 25 | 12.507 | 0.116363636363636 | 0.654241 |
| 925 | 11 | 26 | 4.605 | 0.104895104895105 | 0.748815 |
| 926 | 11 | 18 | 1.923 | 0.101010101010101 | 0.844916 |
| 927 | 11 | 21 | 12.579 | 0.125541125541126 | 0.681274 |
| 928 | 11 | 20 | 4.83 | 0.109090909090909 | 0.765554 |
| 929 | 11 | 24 | 3.323 | 0.106060606060606 | 0.808597 |
| 930 | 11 | 31 | 5.526 | 0.102639296187683 | 0.75666 |
| 931 | 11 | 56 | 18.153 | 0.125 | 0.575428 |
| 932 | 11 | 50 | 13.569 | 0.107272727272727 | 0.589714 |
| 933 | 11 | 44 | 12.932 | 0.117768595041322 | 0.639218 |
| 934 | 11 | 25 | 2.817 | 0.0945454545454545 | 0.741045 |
| 935 | 11 | 28 | 13.88 | 0.126623376623377 | 0.644916 |
| 936 | 11 | 29 | 18.905 | 0.122257053291536 | 0.614674 |
| 937 | 11 | 28 | 10.296 | 0.12012987012987 | 0.680728 |
| 938 | 11 | 20 | 13.755 | 0.118181818181818 | 0.644914 |
| 939 | 11 | 56 | 29.361 | 0.142857142857143 | 0.461613 |
| 940 | 11 | 70 | 15.521 | 0.102597402597403 | 0.473432 |
| 941 | 11 | 39 | 7.61 | 0.107226107226107 | 0.729138 |
| 942 | 11 | 21 | 15.211 | 0.125541125541126 | 0.651551 |
| 943 | 11 | 16 | 3.429 | 0.102272727272727 | 0.820908 |
| 944 | 11 | 33 | 12.86 | 0.115702479338843 | 0.677378 |
| 945 | 11 | 30 | 7.704 | 0.118181818181818 | 0.714598 |
| 946 | 11 | 25 | 12.028 | 0.12 | 0.706093 |
| 947 | 11 | 18 | 9.135 | 0.121212121212121 | 0.67876 |
| 948 | 11 | 72 | 19.44 | 0.112373737373737 | 0.468959 |
| 949 | 11 | 51 | 19.609 | 0.117647058823529 | 0.551601 |
| 950 | 11 | 21 | 9.057 | 0.108225108225108 | 0.695933 |
| 951 | 11 | 28 | 10.607 | 0.116883116883117 | 0.701327 |
| 952 | 11 | 43 | 19.167 | 0.133192389006343 | 0.552742 |
| 953 | 11 | 22 | 11.772 | 0.115702479338843 | 0.691264 |
| 954 | 11 | 54 | 20.962 | 0.126262626262626 | 0.559419 |
| 955 | 11 | 33 | 17.199 | 0.126721763085399 | 0.627075 |
| 956 | 11 | 28 | 18.902 | 0.136363636363636 | 0.586124 |
| 957 | 11 | 23 | 19.728 | 0.146245059288538 | 0.634724 |
| 958 | 11 | 23 | 3.815 | 0.0988142292490119 | 0.79032 |
| 959 | 11 | 46 | 15.275 | 0.118577075098814 | 0.658832 |
| 960 | 11 | 29 | 14.275 | 0.128526645768025 | 0.628148 |
| 961 | 11 | 42 | 9.413 | 0.112554112554113 | 0.70038 |
| 962 | 11 | 26 | 8.816 | 0.115384615384615 | 0.722616 |
| 963 | 11 | 31 | 7.495 | 0.105571847507331 | 0.737585 |
| 964 | 11 | 49 | 14.73 | 0.12430426716141 | 0.600083 |
| 965 | 11 | 20 | 6.803 | 0.104545454545455 | 0.767412 |
| 966 | 11 | 43 | 10.438 | 0.109936575052854 | 0.528791 |
| 967 | 11 | 34 | 10.666 | 0.106951871657754 | 0.643061 |
| 968 | 11 | 42 | 16.576 | 0.114718614718615 | 0.615464 |
| 969 | 11 | 24 | 6.823 | 0.109848484848485 | 0.764496 |
| 970 | 11 | 17 | 8.551 | 0.122994652406417 | 0.720167 |
| 971 | 11 | 29 | 6.377 | 0.106583072100313 | 0.73955 |
| 972 | 11 | 35 | 6.077 | 0.103896103896104 | 0.751176 |
| 973 | 11 | 35 | 10.059 | 0.114285714285714 | 0.684341 |
| 974 | 11 | 38 | 16.415 | 0.110047846889952 | 0.577449 |
| 975 | 11 | 25 | 9.855 | 0.109090909090909 | 0.714379 |
| 976 | 11 | 20 | 3.878 | 0.109090909090909 | 0.770762 |
| 977 | 11 | 14 | 3.767 | 0.116883116883117 | 0.777711 |
| 978 | 11 | 20 | 11.102 | 0.127272727272727 | 0.684894 |
| 979 | 11 | 35 | 10.494 | 0.109090909090909 | 0.704016 |
| 980 | 11 | 26 | 11.009 | 0.115384615384615 | 0.621612 |
| 981 | 11 | 37 | 14.711 | 0.127764127764128 | 0.651206 |
| 982 | 11 | 43 | 10.192 | 0.112050739957717 | 0.694847 |
| 983 | 11 | 37 | 10.245 | 0.115479115479115 | 0.720625 |
| 984 | 11 | 43 | 13.66 | 0.112050739957717 | 0.537503 |
| 985 | 11 | 28 | 12.306 | 0.12012987012987 | 0.685115 |
| 986 | 11 | 35 | 13.314 | 0.122077922077922 | 0.636433 |
| 987 | 11 | 12 | 7.851 | 0.121212121212121 | 0.738221 |
| 988 | 11 | 19 | 11.652 | 0.124401913875598 | 0.621248 |
| 989 | 11 | 29 | 10.058 | 0.119122257053292 | 0.664765 |
| 990 | 11 | 73 | 33.163 | 0.130759651307597 | 0.458552 |
| 991 | 11 | 24 | 13.494 | 0.113636363636364 | 0.669937 |
| 992 | 11 | 43 | 16.475 | 0.112050739957717 | 0.541775 |
| 993 | 11 | 19 | 13.068 | 0.129186602870813 | 0.659756 |
| 994 | 11 | 25 | 7.934 | 0.12 | 0.694154 |
| 995 | 11 | 40 | 15.896 | 0.118181818181818 | 0.609412 |
| 996 | 11 | 40 | 8.708 | 0.109090909090909 | 0.689605 |
| 997 | 11 | 23 | 6.169 | 0.110671936758893 | 0.744829 |
| 998 | 11 | 39 | 9.352 | 0.111888111888112 | 0.68874 |
| 999 | 11 | 43 | 7.767 | 0.101479915433404 | 0.720415 |
| 1000 | 11 | 25 | 11.573 | 0.116363636363636 | 0.687438 |

**Table 2**. Characterization of the random network of the phylogeny model for Pantanal.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Host | Parasites | Nestedness | Connectance | Modularity |
| 1 | 11 | 44 | 14.94 | 0.12396694214876 | 0.608559 |
| 2 | 11 | 15 | 11.458 | 0.121212121212121 | 0.727438 |
| 3 | 11 | 20 | 14.966 | 0.127272727272727 | 0.619845 |
| 4 | 11 | 33 | 21.435 | 0.134986225895317 | 0.601368 |
| 5 | 11 | 43 | 6.607 | 0.114164904862579 | 0.70947 |
| 6 | 11 | 23 | 15.682 | 0.138339920948617 | 0.596691 |
| 7 | 11 | 21 | 6.415 | 0.116883116883117 | 0.751649 |
| 8 | 11 | 10 | 7 | 0.127272727272727 | 0.765246 |
| 9 | 11 | 32 | 16.279 | 0.119318181818182 | 0.645068 |
| 10 | 11 | 19 | 15.28 | 0.138755980861244 | 0.671768 |
| 11 | 11 | 30 | 7.529 | 0.115151515151515 | 0.739548 |
| 12 | 11 | 22 | 12.383 | 0.12396694214876 | 0.683275 |
| 13 | 11 | 30 | 11.074 | 0.118181818181818 | 0.678442 |
| 14 | 11 | 21 | 13.333 | 0.125541125541126 | 0.672952 |
| 15 | 11 | 30 | 15.638 | 0.124242424242424 | 0.645393 |
| 16 | 11 | 22 | 16.658 | 0.128099173553719 | 0.634702 |
| 17 | 11 | 17 | 14.625 | 0.13903743315508 | 0.628652 |
| 18 | 11 | 45 | 20.114 | 0.135353535353535 | 0.562666 |
| 19 | 11 | 19 | 12.537 | 0.129186602870813 | 0.672102 |
| 20 | 11 | 38 | 23.585 | 0.131578947368421 | 0.56954 |
| 21 | 11 | 39 | 10.47 | 0.111888111888112 | 0.672681 |
| 22 | 11 | 29 | 8.171 | 0.106583072100313 | 0.711869 |
| 23 | 11 | 34 | 8.949 | 0.109625668449198 | 0.706656 |
| 24 | 11 | 22 | 9.557 | 0.115702479338843 | 0.718048 |
| 25 | 11 | 29 | 18.052 | 0.128526645768025 | 0.621601 |
| 26 | 11 | 23 | 13.014 | 0.130434782608696 | 0.678551 |
| 27 | 11 | 27 | 26.57 | 0.138047138047138 | 0.577587 |
| 28 | 11 | 34 | 10.552 | 0.117647058823529 | 0.66368 |
| 29 | 11 | 31 | 17.877 | 0.129032258064516 | 0.616166 |
| 30 | 11 | 36 | 20.411 | 0.136363636363636 | 0.554485 |
| 31 | 11 | 31 | 12.223 | 0.120234604105572 | 0.673352 |
| 32 | 11 | 47 | 18.072 | 0.133462282398453 | 0.603399 |
| 33 | 11 | 26 | 16.393 | 0.129370629370629 | 0.634719 |
| 34 | 11 | 25 | 9.571 | 0.123636363636364 | 0.698038 |
| 35 | 11 | 34 | 15.314 | 0.112299465240642 | 0.579307 |
| 36 | 11 | 35 | 6.103 | 0.103896103896104 | 0.744926 |
| 37 | 11 | 30 | 10.952 | 0.127272727272727 | 0.707994 |
| 38 | 11 | 13 | 26.454 | 0.167832167832168 | 0.560728 |
| 39 | 11 | 34 | 11.273 | 0.133689839572193 | 0.691148 |
| 40 | 11 | 37 | 17.093 | 0.125307125307125 | 0.585111 |
| 41 | 11 | 31 | 12.914 | 0.126099706744868 | 0.66409 |
| 42 | 11 | 30 | 8.034 | 0.112121212121212 | 0.735507 |
| 43 | 11 | 20 | 10.204 | 0.122727272727273 | 0.683072 |
| 44 | 11 | 32 | 10.042 | 0.116477272727273 | 0.70785 |
| 45 | 11 | 30 | 17.822 | 0.142424242424242 | 0.608828 |
| 46 | 11 | 26 | 9.386 | 0.118881118881119 | 0.695443 |
| 47 | 11 | 28 | 12.413 | 0.12012987012987 | 0.68 |
| 48 | 11 | 44 | 10.282 | 0.117768595041322 | 0.691536 |
| 49 | 11 | 34 | 12.8 | 0.117647058823529 | 0.649219 |
| 50 | 11 | 43 | 14.014 | 0.126849894291755 | 0.603842 |
| 51 | 11 | 33 | 23.44 | 0.132231404958678 | 0.581551 |
| 52 | 11 | 24 | 6.722 | 0.106060606060606 | 0.762682 |
| 53 | 11 | 40 | 15.208 | 0.111363636363636 | 0.6176 |
| 54 | 11 | 36 | 12.19 | 0.123737373737374 | 0.659254 |
| 55 | 11 | 40 | 21.612 | 0.129545454545455 | 0.575824 |
| 56 | 11 | 19 | 11.136 | 0.133971291866029 | 0.696375 |
| 57 | 11 | 35 | 10.122 | 0.114285714285714 | 0.693118 |
| 58 | 11 | 17 | 17.016 | 0.13903743315508 | 0.603506 |
| 59 | 11 | 21 | 12.277 | 0.121212121212121 | 0.686165 |
| 60 | 11 | 41 | 17.314 | 0.121951219512195 | 0.620442 |
| 61 | 11 | 17 | 10.646 | 0.122994652406417 | 0.697482 |
| 62 | 11 | 20 | 7.755 | 0.118181818181818 | 0.754372 |
| 63 | 11 | 34 | 12.229 | 0.117647058823529 | 0.661615 |
| 64 | 11 | 33 | 9.251 | 0.118457300275482 | 0.69437 |
| 65 | 11 | 26 | 8.055 | 0.118881118881119 | 0.698901 |
| 66 | 11 | 22 | 8.8 | 0.107438016528926 | 0.732179 |
| 67 | 11 | 19 | 14.012 | 0.133971291866029 | 0.654287 |
| 68 | 11 | 23 | 5.519 | 0.110671936758893 | 0.774162 |
| 69 | 11 | 47 | 16.861 | 0.117988394584139 | 0.621283 |
| 70 | 11 | 26 | 8.421 | 0.115384615384615 | 0.70425 |
| 71 | 11 | 25 | 18.414 | 0.130909090909091 | 0.630351 |
| 72 | 11 | 15 | 2.5 | 0.115151515151515 | 0.731234 |
| 73 | 11 | 20 | 15.354 | 0.136363636363636 | 0.619953 |
| 74 | 11 | 47 | 15.614 | 0.114119922630561 | 0.622176 |
| 75 | 11 | 31 | 24.904 | 0.143695014662757 | 0.553063 |
| 76 | 11 | 19 | 11.298 | 0.133971291866029 | 0.665766 |
| 77 | 11 | 44 | 18.035 | 0.134297520661157 | 0.591434 |
| 78 | 11 | 47 | 13.462 | 0.112185686653772 | 0.611417 |
| 79 | 11 | 32 | 9.822 | 0.130681818181818 | 0.701742 |
| 80 | 11 | 41 | 16.021 | 0.12860310421286 | 0.609048 |
| 81 | 11 | 42 | 23.863 | 0.132034632034632 | 0.57829 |
| 82 | 11 | 36 | 10.657 | 0.113636363636364 | 0.701666 |
| 83 | 11 | 36 | 19.658 | 0.126262626262626 | 0.602351 |
| 84 | 11 | 19 | 14.233 | 0.124401913875598 | 0.67154 |
| 85 | 11 | 37 | 19.23 | 0.137592137592138 | 0.565966 |
| 86 | 11 | 20 | 12.449 | 0.136363636363636 | 0.624397 |
| 87 | 11 | 27 | 12.936 | 0.124579124579125 | 0.631068 |
| 88 | 11 | 37 | 25.811 | 0.152334152334152 | 0.490081 |
| 89 | 11 | 29 | 5.803 | 0.119122257053292 | 0.729852 |
| 90 | 11 | 31 | 9.109 | 0.114369501466276 | 0.720513 |
| 91 | 11 | 36 | 21.849 | 0.126262626262626 | 0.58675 |
| 92 | 11 | 39 | 8.129 | 0.104895104895105 | 0.713019 |
| 93 | 11 | 39 | 17.094 | 0.128205128205128 | 0.605902 |
| 94 | 11 | 15 | 11.458 | 0.133333333333333 | 0.712755 |
| 95 | 11 | 19 | 3.982 | 0.110047846889952 | 0.797657 |
| 96 | 11 | 24 | 10.775 | 0.121212121212121 | 0.675724 |
| 97 | 11 | 29 | 14.108 | 0.128526645768025 | 0.651345 |
| 98 | 11 | 28 | 29.981 | 0.152597402597403 | 0.507886 |
| 99 | 11 | 19 | 3.54 | 0.110047846889952 | 0.790094 |
| 100 | 11 | 29 | 7.954 | 0.109717868338558 | 0.70034 |
| 101 | 11 | 37 | 11.009 | 0.113022113022113 | 0.702677 |
| 102 | 11 | 34 | 6.392 | 0.106951871657754 | 0.75118 |
| 103 | 11 | 25 | 7.662 | 0.112727272727273 | 0.726263 |
| 104 | 11 | 19 | 13.717 | 0.129186602870813 | 0.652897 |
| 105 | 11 | 28 | 16.012 | 0.116883116883117 | 0.646547 |
| 106 | 11 | 32 | 11.849 | 0.122159090909091 | 0.684094 |
| 107 | 11 | 36 | 30.787 | 0.138888888888889 | 0.533843 |
| 108 | 11 | 16 | 6.19 | 0.113636363636364 | 0.772431 |
| 109 | 11 | 30 | 14.864 | 0.118181818181818 | 0.621903 |
| 110 | 11 | 25 | 12.709 | 0.127272727272727 | 0.660355 |
| 111 | 11 | 28 | 14.357 | 0.123376623376623 | 0.663375 |
| 112 | 11 | 22 | 10.956 | 0.119834710743802 | 0.693162 |
| 113 | 11 | 18 | 6.09 | 0.106060606060606 | 0.745961 |
| 114 | 11 | 33 | 11.252 | 0.115702479338843 | 0.701184 |
| 115 | 11 | 21 | 10.189 | 0.121212121212121 | 0.660654 |
| 116 | 11 | 35 | 12.854 | 0.135064935064935 | 0.620516 |
| 117 | 11 | 38 | 14.368 | 0.126794258373206 | 0.617254 |
| 118 | 11 | 36 | 15.001 | 0.118686868686869 | 0.658158 |
| 119 | 11 | 22 | 6.76 | 0.115702479338843 | 0.735902 |
| 120 | 11 | 33 | 8.968 | 0.115702479338843 | 0.720457 |
| 121 | 11 | 22 | 18.998 | 0.148760330578512 | 0.574806 |
| 122 | 11 | 41 | 13.71 | 0.124168514412417 | 0.6495 |
| 123 | 11 | 34 | 10.693 | 0.120320855614973 | 0.65871 |
| 124 | 11 | 29 | 13.639 | 0.115987460815047 | 0.637632 |
| 125 | 11 | 30 | 8.724 | 0.112121212121212 | 0.732586 |
| 126 | 11 | 41 | 9.798 | 0.108647450110865 | 0.690898 |
| 127 | 11 | 34 | 11.88 | 0.125668449197861 | 0.645036 |
| 128 | 11 | 37 | 16.867 | 0.127764127764128 | 0.626427 |
| 129 | 11 | 32 | 8.031 | 0.119318181818182 | 0.698919 |
| 130 | 11 | 22 | 13.706 | 0.12396694214876 | 0.677717 |
| 131 | 11 | 36 | 8.802 | 0.108585858585859 | 0.695446 |
| 132 | 11 | 17 | 0 | 0.0962566844919786 | 0.870279 |
| 133 | 11 | 29 | 11.488 | 0.112852664576803 | 0.678948 |
| 134 | 11 | 34 | 16.517 | 0.125668449197861 | 0.618777 |
| 135 | 11 | 22 | 16.958 | 0.128099173553719 | 0.621176 |
| 136 | 11 | 24 | 6.344 | 0.113636363636364 | 0.732155 |
| 137 | 11 | 20 | 17.755 | 0.127272727272727 | 0.640252 |
| 138 | 11 | 22 | 8.275 | 0.12396694214876 | 0.678834 |
| 139 | 11 | 42 | 10.196 | 0.123376623376623 | 0.671537 |
| 140 | 11 | 34 | 4.897 | 0.10427807486631 | 0.750749 |
| 141 | 11 | 17 | 12.653 | 0.122994652406417 | 0.682362 |
| 142 | 11 | 26 | 8.333 | 0.108391608391608 | 0.70545 |
| 143 | 11 | 34 | 22.358 | 0.13903743315508 | 0.600546 |
| 144 | 11 | 35 | 16.216 | 0.145454545454545 | 0.573939 |
| 145 | 11 | 43 | 9.415 | 0.103594080338266 | 0.645916 |
| 146 | 11 | 30 | 18.912 | 0.127272727272727 | 0.617296 |
| 147 | 11 | 29 | 13.643 | 0.122257053291536 | 0.638338 |
| 148 | 11 | 32 | 13.322 | 0.125 | 0.646124 |
| 149 | 11 | 30 | 12.138 | 0.118181818181818 | 0.685016 |
| 150 | 11 | 33 | 10.987 | 0.118457300275482 | 0.668412 |
| 151 | 11 | 34 | 9.733 | 0.109625668449198 | 0.683459 |
| 152 | 11 | 28 | 10.626 | 0.12012987012987 | 0.71725 |
| 153 | 11 | 36 | 23.918 | 0.136363636363636 | 0.542484 |
| 154 | 11 | 23 | 9.859 | 0.114624505928854 | 0.709806 |
| 155 | 11 | 40 | 10.341 | 0.118181818181818 | 0.692989 |
| 156 | 11 | 16 | 6.857 | 0.119318181818182 | 0.755035 |
| 157 | 11 | 40 | 9.77 | 0.118181818181818 | 0.675978 |
| 158 | 11 | 30 | 5.748 | 0.106060606060606 | 0.712584 |
| 159 | 11 | 39 | 17.775 | 0.144522144522145 | 0.560834 |
| 160 | 11 | 28 | 21.416 | 0.126623376623377 | 0.593639 |
| 161 | 11 | 35 | 11.28 | 0.116883116883117 | 0.69821 |
| 162 | 11 | 29 | 25.855 | 0.150470219435737 | 0.503004 |
| 163 | 11 | 25 | 13.286 | 0.138181818181818 | 0.618376 |
| 164 | 11 | 32 | 14.32 | 0.119318181818182 | 0.651871 |
| 165 | 11 | 33 | 19.49 | 0.129476584022039 | 0.60837 |
| 166 | 11 | 40 | 8.385 | 0.109090909090909 | 0.717814 |
| 167 | 11 | 26 | 5.614 | 0.108391608391608 | 0.760594 |
| 168 | 11 | 22 | 6.585 | 0.115702479338843 | 0.725703 |
| 169 | 11 | 19 | 7.006 | 0.114832535885167 | 0.765559 |
| 170 | 11 | 28 | 11.307 | 0.116883116883117 | 0.67741 |
| 171 | 11 | 34 | 21.069 | 0.131016042780749 | 0.59637 |
| 172 | 11 | 17 | 8.29 | 0.122994652406417 | 0.720167 |
| 173 | 11 | 26 | 13.09 | 0.122377622377622 | 0.65219 |
| 174 | 11 | 24 | 14.149 | 0.121212121212121 | 0.662053 |
| 175 | 11 | 29 | 11.396 | 0.122257053291536 | 0.654777 |
| 176 | 11 | 28 | 1.732 | 0.100649350649351 | 0.781398 |
| 177 | 11 | 28 | 20.435 | 0.136363636363636 | 0.603127 |
| 178 | 11 | 17 | 10.558 | 0.133689839572193 | 0.643148 |
| 179 | 11 | 25 | 10.62 | 0.12 | 0.687729 |
| 180 | 11 | 32 | 8.87 | 0.116477272727273 | 0.713203 |
| 181 | 11 | 19 | 15.737 | 0.129186602870813 | 0.6625 |
| 182 | 11 | 42 | 20.716 | 0.12987012987013 | 0.541902 |
| 183 | 11 | 16 | 16.571 | 0.136363636363636 | 0.661406 |
| 184 | 11 | 38 | 10.439 | 0.119617224880383 | 0.680342 |
| 185 | 11 | 18 | 6.17 | 0.116161616161616 | 0.727724 |
| 186 | 11 | 27 | 11.502 | 0.127946127946128 | 0.695236 |
| 187 | 11 | 26 | 20 | 0.129370629370629 | 0.60258 |
| 188 | 11 | 22 | 5.886 | 0.107438016528926 | 0.766199 |
| 189 | 11 | 13 | 10.276 | 0.132867132867133 | 0.661999 |
| 190 | 11 | 27 | 17.834 | 0.131313131313131 | 0.617965 |
| 191 | 11 | 16 | 10.19 | 0.113636363636364 | 0.699939 |
| 192 | 11 | 33 | 13.765 | 0.115702479338843 | 0.645065 |
| 193 | 11 | 38 | 7.909 | 0.114832535885167 | 0.72997 |
| 194 | 11 | 47 | 16.519 | 0.13926499032882 | 0.59525 |
| 195 | 11 | 26 | 8.18 | 0.115384615384615 | 0.728127 |
| 196 | 11 | 24 | 8.207 | 0.106060606060606 | 0.715494 |
| 197 | 11 | 28 | 13.826 | 0.116883116883117 | 0.64886 |
| 198 | 11 | 31 | 13.709 | 0.126099706744868 | 0.670035 |
| 199 | 11 | 33 | 26.449 | 0.129476584022039 | 0.531414 |
| 200 | 11 | 17 | 28.586 | 0.160427807486631 | 0.547739 |
| 201 | 11 | 50 | 12.811 | 0.116363636363636 | 0.628361 |
| 202 | 11 | 32 | 12.617 | 0.119318181818182 | 0.645069 |
| 203 | 11 | 32 | 9.286 | 0.110795454545455 | 0.71591 |
| 204 | 11 | 31 | 13.893 | 0.120234604105572 | 0.673351 |
| 205 | 11 | 23 | 12.608 | 0.130434782608696 | 0.671205 |
| 206 | 11 | 19 | 14.381 | 0.138755980861244 | 0.632533 |
| 207 | 11 | 22 | 7.567 | 0.111570247933884 | 0.703638 |
| 208 | 11 | 24 | 11.718 | 0.121212121212121 | 0.697205 |
| 209 | 11 | 38 | 14.373 | 0.124401913875598 | 0.640108 |
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| 212 | 11 | 33 | 11.68 | 0.121212121212121 | 0.671947 |
| 213 | 11 | 33 | 20.069 | 0.126721763085399 | 0.627547 |
| 214 | 11 | 31 | 11.353 | 0.120234604105572 | 0.694765 |
| 215 | 11 | 30 | 20.629 | 0.136363636363636 | 0.60489 |
| 216 | 11 | 24 | 4.23 | 0.109848484848485 | 0.777572 |
| 217 | 11 | 34 | 10.983 | 0.114973262032086 | 0.655973 |
| 218 | 11 | 16 | 14.286 | 0.136363636363636 | 0.619744 |
| 219 | 11 | 24 | 0.604 | 0.0946969696969697 | 0.854309 |
| 220 | 11 | 29 | 22.824 | 0.144200626959248 | 0.568484 |
| 221 | 11 | 43 | 23.586 | 0.13953488372093 | 0.522916 |
| 222 | 11 | 18 | 5.529 | 0.106060606060606 | 0.755029 |
| 223 | 11 | 21 | 14.025 | 0.121212121212121 | 0.632598 |
| 224 | 11 | 28 | 26.641 | 0.149350649350649 | 0.533989 |
| 225 | 11 | 29 | 6.864 | 0.112852664576803 | 0.747617 |
| 226 | 11 | 28 | 6.659 | 0.107142857142857 | 0.742813 |
| 227 | 11 | 36 | 13.668 | 0.128787878787879 | 0.641241 |
| 228 | 11 | 22 | 11.713 | 0.111570247933884 | 0.684436 |
| 229 | 11 | 29 | 6.508 | 0.109717868338558 | 0.747686 |
| 230 | 11 | 15 | 5.625 | 0.115151515151515 | 0.750623 |
| 231 | 11 | 33 | 18.852 | 0.129476584022039 | 0.610181 |
| 232 | 11 | 34 | 9.591 | 0.112299465240642 | 0.704585 |
| 233 | 11 | 10 | 3.5 | 0.145454545454545 | 0.726508 |
| 234 | 11 | 18 | 21.074 | 0.146464646464646 | 0.603998 |
| 235 | 11 | 35 | 10.832 | 0.116883116883117 | 0.667103 |
| 236 | 11 | 22 | 17.524 | 0.128099173553719 | 0.633662 |
| 237 | 11 | 41 | 18.976 | 0.117516629711752 | 0.583787 |
| 238 | 11 | 23 | 13.328 | 0.134387351778656 | 0.63144 |
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| 241 | 11 | 27 | 12.264 | 0.117845117845118 | 0.63586 |
| 242 | 11 | 51 | 5.583 | 0.103386809269162 | 0.715447 |
| 243 | 11 | 35 | 9.659 | 0.114285714285714 | 0.70345 |
| 244 | 11 | 20 | 15.605 | 0.140909090909091 | 0.622224 |
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| 247 | 11 | 25 | 9.014 | 0.112727272727273 | 0.711696 |
| 248 | 11 | 25 | 9.202 | 0.116363636363636 | 0.726499 |
| 249 | 11 | 41 | 21.881 | 0.126385809312639 | 0.58813 |
| 250 | 11 | 28 | 11.461 | 0.116883116883117 | 0.672777 |
| 251 | 11 | 23 | 7.846 | 0.118577075098814 | 0.715493 |
| 252 | 11 | 41 | 15.346 | 0.12860310421286 | 0.63669 |
| 253 | 11 | 19 | 16.372 | 0.133971291866029 | 0.595619 |
| 254 | 11 | 34 | 11.821 | 0.120320855614973 | 0.657227 |
| 255 | 11 | 34 | 11.375 | 0.122994652406417 | 0.649286 |
| 256 | 11 | 52 | 16.751 | 0.117132867132867 | 0.61545 |
| 257 | 11 | 50 | 11.96 | 0.116363636363636 | 0.650331 |
| 258 | 11 | 31 | 15.329 | 0.126099706744868 | 0.65273 |
| 259 | 11 | 25 | 11.502 | 0.123636363636364 | 0.650466 |
| 260 | 11 | 20 | 7.619 | 0.118181818181818 | 0.699643 |
| 261 | 11 | 20 | 5.714 | 0.104545454545455 | 0.73717 |
| 262 | 11 | 24 | 16.616 | 0.125 | 0.605088 |
| 263 | 11 | 33 | 21.922 | 0.129476584022039 | 0.574421 |
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| 265 | 11 | 27 | 14.273 | 0.124579124579125 | 0.65882 |
| 266 | 11 | 42 | 14.205 | 0.127705627705628 | 0.600354 |
| 267 | 11 | 41 | 13.448 | 0.11529933481153 | 0.636775 |
| 268 | 11 | 11 | 29.848 | 0.181818181818182 | 0.535091 |
| 269 | 11 | 35 | 11.109 | 0.119480519480519 | 0.674326 |
| 270 | 11 | 24 | 10.02 | 0.113636363636364 | 0.723269 |
| 271 | 11 | 25 | 5.704 | 0.109090909090909 | 0.759929 |
| 272 | 11 | 21 | 10.283 | 0.112554112554113 | 0.702597 |
| 273 | 11 | 20 | 8.163 | 0.109090909090909 | 0.725627 |
| 274 | 11 | 26 | 7.868 | 0.111888111888112 | 0.71673 |
| 275 | 11 | 10 | 6 | 0.127272727272727 | 0.785652 |
| 276 | 11 | 30 | 8.486 | 0.106060606060606 | 0.718299 |
| 277 | 11 | 31 | 17.249 | 0.126099706744868 | 0.617578 |
| 278 | 11 | 35 | 28.26 | 0.135064935064935 | 0.538417 |
| 279 | 11 | 27 | 15.887 | 0.114478114478114 | 0.665164 |
| 280 | 11 | 45 | 11.161 | 0.111111111111111 | 0.644565 |
| 281 | 11 | 39 | 22.179 | 0.123543123543124 | 0.592329 |
| 282 | 11 | 30 | 11.643 | 0.127272727272727 | 0.69949 |
| 283 | 11 | 15 | 13.125 | 0.139393939393939 | 0.676701 |
| 284 | 11 | 32 | 11.335 | 0.113636363636364 | 0.68931 |
| 285 | 11 | 38 | 17.029 | 0.131578947368421 | 0.593342 |
| 286 | 11 | 34 | 17.942 | 0.122994652406417 | 0.59872 |
| 287 | 11 | 19 | 12.537 | 0.129186602870813 | 0.681701 |
| 288 | 11 | 35 | 16.724 | 0.132467532467532 | 0.610485 |
| 289 | 11 | 38 | 27.611 | 0.133971291866029 | 0.554801 |
| 290 | 11 | 26 | 10.038 | 0.118881118881119 | 0.723986 |
| 291 | 11 | 25 | 10.563 | 0.116363636363636 | 0.693297 |
| 292 | 11 | 23 | 8.861 | 0.118577075098814 | 0.702158 |
| 293 | 11 | 36 | 16.436 | 0.121212121212121 | 0.616268 |
| 294 | 11 | 24 | 12.246 | 0.125 | 0.66202 |
| 295 | 11 | 30 | 5.558 | 0.112121212121212 | 0.753766 |
| 296 | 11 | 40 | 10.53 | 0.120454545454545 | 0.676695 |
| 297 | 11 | 18 | 24.599 | 0.156565656565657 | 0.535864 |
| 298 | 11 | 45 | 18.426 | 0.125252525252525 | 0.604006 |
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| 300 | 11 | 47 | 10.097 | 0.112185686653772 | 0.692564 |
| 301 | 11 | 39 | 13.13 | 0.125874125874126 | 0.620663 |
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| 303 | 11 | 49 | 22.683 | 0.14100185528757 | 0.540992 |
| 304 | 11 | 27 | 5.172 | 0.104377104377104 | 0.693998 |
| 305 | 11 | 25 | 9.671 | 0.112727272727273 | 0.709613 |
| 306 | 11 | 46 | 23.129 | 0.138339920948617 | 0.549347 |
| 307 | 11 | 38 | 21.493 | 0.119617224880383 | 0.599546 |
| 308 | 11 | 15 | 12.5 | 0.127272727272727 | 0.70289 |
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| 310 | 11 | 41 | 8.252 | 0.108647450110865 | 0.721715 |
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| 313 | 11 | 15 | 23.25 | 0.157575757575758 | 0.563573 |
| 314 | 11 | 26 | 30.509 | 0.136363636363636 | 0.529871 |
| 315 | 11 | 38 | 16.332 | 0.126794258373206 | 0.633625 |
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| 318 | 11 | 28 | 15.247 | 0.126623376623377 | 0.644918 |
| 319 | 11 | 29 | 18.02 | 0.128526645768025 | 0.611488 |
| 320 | 11 | 33 | 17.667 | 0.115702479338843 | 0.550966 |
| 321 | 11 | 38 | 9.481 | 0.102870813397129 | 0.714911 |
| 322 | 11 | 17 | 12.565 | 0.128342245989305 | 0.666612 |
| 323 | 11 | 12 | 19.284 | 0.143939393939394 | 0.637069 |
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| 325 | 11 | 34 | 8.881 | 0.120320855614973 | 0.712036 |
| 326 | 11 | 25 | 14.413 | 0.134545454545455 | 0.611348 |
| 327 | 11 | 28 | 24.754 | 0.149350649350649 | 0.511306 |
| 328 | 11 | 15 | 15 | 0.139393939393939 | 0.684259 |
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| 331 | 11 | 28 | 12.499 | 0.12012987012987 | 0.655899 |
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| 335 | 11 | 35 | 17.649 | 0.124675324675325 | 0.633626 |
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| 337 | 11 | 31 | 9.327 | 0.114369501466276 | 0.681725 |
| 338 | 11 | 34 | 2.381 | 0.0989304812834225 | 0.806346 |
| 339 | 11 | 38 | 20.034 | 0.131578947368421 | 0.591026 |
| 340 | 11 | 23 | 11.715 | 0.122529644268775 | 0.675281 |
| 341 | 11 | 34 | 20.917 | 0.128342245989305 | 0.595873 |
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| 344 | 11 | 26 | 18.49 | 0.132867132867133 | 0.620448 |
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| 353 | 11 | 31 | 20.802 | 0.131964809384164 | 0.581191 |
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| 365 | 11 | 37 | 18.366 | 0.135135135135135 | 0.608218 |
| 366 | 11 | 31 | 16.209 | 0.117302052785924 | 0.623696 |
| 367 | 11 | 28 | 8.526 | 0.11038961038961 | 0.717928 |
| 368 | 11 | 36 | 17.478 | 0.118686868686869 | 0.550421 |
| 369 | 11 | 38 | 13.503 | 0.117224880382775 | 0.655919 |
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| 371 | 11 | 17 | 6.283 | 0.112299465240642 | 0.721024 |
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| 373 | 11 | 21 | 21.195 | 0.138528138528139 | 0.583936 |
| 374 | 11 | 24 | 16.085 | 0.132575757575758 | 0.634236 |
| 375 | 11 | 43 | 11.354 | 0.124735729386892 | 0.661826 |
| 376 | 11 | 28 | 7.067 | 0.107142857142857 | 0.732714 |
| 377 | 11 | 34 | 15.643 | 0.128342245989305 | 0.639705 |
| 378 | 11 | 28 | 8.285 | 0.113636363636364 | 0.722383 |
| 379 | 11 | 16 | 15.048 | 0.142045454545455 | 0.628756 |
| 380 | 11 | 18 | 8.173 | 0.126262626262626 | 0.742341 |
| 381 | 11 | 22 | 11.247 | 0.119834710743802 | 0.688405 |
| 382 | 11 | 18 | 12.997 | 0.131313131313131 | 0.695212 |
| 383 | 11 | 28 | 3.156 | 0.11038961038961 | 0.76723 |
| 384 | 11 | 19 | 11.504 | 0.124401913875598 | 0.689291 |
| 385 | 11 | 26 | 17.215 | 0.136363636363636 | 0.627171 |
| 386 | 11 | 21 | 12.937 | 0.125541125541126 | 0.668198 |
| 387 | 11 | 28 | 19.477 | 0.126623376623377 | 0.606126 |
| 388 | 11 | 16 | 15.238 | 0.136363636363636 | 0.609325 |
| 389 | 11 | 39 | 23.258 | 0.128205128205128 | 0.57086 |
| 390 | 11 | 24 | 18.213 | 0.132575757575758 | 0.621991 |
| 391 | 11 | 30 | 22.984 | 0.133333333333333 | 0.581049 |
| 392 | 11 | 23 | 7.792 | 0.110671936758893 | 0.71677 |
| 393 | 11 | 26 | 7.982 | 0.115384615384615 | 0.712517 |
| 394 | 11 | 39 | 9.059 | 0.116550116550117 | 0.666343 |
| 395 | 11 | 34 | 7.27 | 0.109625668449198 | 0.720932 |
| 396 | 11 | 44 | 18.257 | 0.121900826446281 | 0.614999 |
| 397 | 11 | 37 | 18.447 | 0.122850122850123 | 0.573948 |
| 398 | 11 | 29 | 20.346 | 0.150470219435737 | 0.562025 |
| 399 | 11 | 27 | 14.286 | 0.121212121212121 | 0.637292 |
| 400 | 11 | 26 | 10.57 | 0.129370629370629 | 0.644945 |
| 401 | 11 | 26 | 8.86 | 0.115384615384615 | 0.704252 |
| 402 | 11 | 33 | 15.352 | 0.115702479338843 | 0.668307 |
| 403 | 11 | 30 | 7.279 | 0.109090909090909 | 0.726783 |
| 404 | 11 | 14 | 12.671 | 0.136363636363636 | 0.682486 |
| 405 | 11 | 38 | 11.941 | 0.119617224880383 | 0.668343 |
| 406 | 11 | 34 | 12.902 | 0.120320855614973 | 0.66414 |
| 407 | 11 | 28 | 7.975 | 0.11038961038961 | 0.73782 |
| 408 | 11 | 35 | 13.287 | 0.127272727272727 | 0.650508 |
| 409 | 11 | 47 | 17.47 | 0.123791102514507 | 0.559767 |
| 410 | 11 | 15 | 12.396 | 0.127272727272727 | 0.696091 |
| 411 | 11 | 31 | 13.101 | 0.117302052785924 | 0.661192 |
| 412 | 11 | 29 | 3.037 | 0.103448275862069 | 0.767601 |
| 413 | 11 | 22 | 18.049 | 0.128099173553719 | 0.62742 |
| 414 | 11 | 24 | 7.1 | 0.121212121212121 | 0.726502 |
| 415 | 11 | 36 | 11.027 | 0.108585858585859 | 0.600264 |
| 416 | 11 | 22 | 8.45 | 0.115702479338843 | 0.704018 |
| 417 | 11 | 32 | 17.717 | 0.125 | 0.612552 |
| 418 | 11 | 32 | 26.299 | 0.139204545454545 | 0.514331 |
| 419 | 11 | 13 | 2.256 | 0.111888111888112 | 0.820238 |
| 420 | 11 | 21 | 15.84 | 0.134199134199134 | 0.648231 |
| 421 | 11 | 28 | 7.506 | 0.12012987012987 | 0.708485 |
| 422 | 11 | 32 | 21.061 | 0.130681818181818 | 0.589271 |
| 423 | 11 | 20 | 10.476 | 0.118181818181818 | 0.674498 |
| 424 | 11 | 21 | 15.107 | 0.134199134199134 | 0.650313 |
| 425 | 11 | 27 | 4.967 | 0.107744107744108 | 0.753833 |
| 426 | 11 | 26 | 8.246 | 0.122377622377622 | 0.697084 |
| 427 | 11 | 23 | 16.061 | 0.142292490118577 | 0.61724 |
| 428 | 11 | 28 | 13.871 | 0.123376623376623 | 0.640528 |
| 429 | 11 | 15 | 15 | 0.151515151515152 | 0.633552 |
| 430 | 11 | 32 | 25.37 | 0.142045454545455 | 0.520363 |
| 431 | 11 | 22 | 5.711 | 0.115702479338843 | 0.755035 |
| 432 | 11 | 16 | 20.857 | 0.147727272727273 | 0.591671 |
| 433 | 11 | 27 | 14.703 | 0.134680134680135 | 0.583706 |
| 434 | 11 | 34 | 14.489 | 0.117647058823529 | 0.67401 |
| 435 | 11 | 33 | 11.574 | 0.115702479338843 | 0.663207 |
| 436 | 11 | 27 | 2.525 | 0.101010101010101 | 0.788809 |
| 437 | 11 | 36 | 9.432 | 0.113636363636364 | 0.669071 |
| 438 | 11 | 21 | 12.17 | 0.125541125541126 | 0.657495 |
| 439 | 11 | 43 | 9.863 | 0.116279069767442 | 0.695805 |
| 440 | 11 | 32 | 15.954 | 0.119318181818182 | 0.624094 |
| 441 | 11 | 31 | 11.201 | 0.114369501466276 | 0.688959 |
| 442 | 11 | 45 | 13.025 | 0.113131313131313 | 0.639611 |
| 443 | 11 | 51 | 17.547 | 0.124777183600713 | 0.564645 |
| 444 | 11 | 23 | 15.087 | 0.134387351778656 | 0.665173 |
| 445 | 11 | 25 | 12.066 | 0.127272727272727 | 0.646479 |
| 446 | 11 | 44 | 20.025 | 0.130165289256198 | 0.577177 |
| 447 | 11 | 38 | 13.806 | 0.117224880382775 | 0.643426 |
| 448 | 11 | 25 | 4.601 | 0.101818181818182 | 0.772883 |
| 449 | 11 | 16 | 5.714 | 0.125 | 0.731345 |
| 450 | 11 | 36 | 28.345 | 0.138888888888889 | 0.522271 |
| 451 | 11 | 33 | 8.276 | 0.104683195592287 | 0.713228 |
| 452 | 11 | 49 | 23.115 | 0.13543599257885 | 0.553908 |
| 453 | 11 | 29 | 19.776 | 0.128526645768025 | 0.600783 |
| 454 | 11 | 39 | 19.823 | 0.121212121212121 | 0.609043 |
| 455 | 11 | 24 | 13.922 | 0.128787878787879 | 0.643546 |
| 456 | 11 | 26 | 9.263 | 0.118881118881119 | 0.719662 |
| 457 | 11 | 34 | 12.256 | 0.120320855614973 | 0.664636 |
| 458 | 11 | 30 | 16.298 | 0.136363636363636 | 0.606374 |
| 459 | 11 | 21 | 8.365 | 0.116883116883117 | 0.722846 |
| 460 | 11 | 34 | 19.624 | 0.125668449197861 | 0.617423 |
| 461 | 11 | 12 | 7.438 | 0.128787878787879 | 0.730045 |
| 462 | 11 | 42 | 22.907 | 0.123376623376623 | 0.589977 |
| 463 | 11 | 17 | 18.586 | 0.149732620320856 | 0.607101 |
| 464 | 11 | 22 | 16.696 | 0.12396694214876 | 0.637724 |
| 465 | 11 | 31 | 10.22 | 0.117302052785924 | 0.695564 |
| 466 | 11 | 13 | 23.997 | 0.153846153846154 | 0.603263 |
| 467 | 11 | 30 | 21.694 | 0.133333333333333 | 0.564006 |
| 468 | 11 | 31 | 11.314 | 0.114369501466276 | 0.680412 |
| 469 | 11 | 29 | 8.691 | 0.112852664576803 | 0.726786 |
| 470 | 11 | 16 | 5.714 | 0.113636363636364 | 0.74243 |
| 471 | 11 | 34 | 14.806 | 0.125668449197861 | 0.617877 |
| 472 | 11 | 26 | 15.279 | 0.129370629370629 | 0.642021 |
| 473 | 11 | 30 | 14.303 | 0.115151515151515 | 0.657141 |
| 474 | 11 | 21 | 11.635 | 0.112554112554113 | 0.661182 |
| 475 | 11 | 36 | 7.445 | 0.111111111111111 | 0.732371 |
| 476 | 11 | 37 | 18.946 | 0.142506142506143 | 0.547521 |
| 477 | 11 | 33 | 7.514 | 0.115702479338843 | 0.715922 |
| 478 | 11 | 29 | 19.541 | 0.128526645768025 | 0.619817 |
| 479 | 11 | 21 | 6.038 | 0.108225108225108 | 0.766327 |
| 480 | 11 | 31 | 10.09 | 0.117302052785924 | 0.703061 |
| 481 | 11 | 42 | 9.944 | 0.114718614718615 | 0.669219 |
| 482 | 11 | 36 | 12.442 | 0.128787878787879 | 0.659311 |
| 483 | 11 | 21 | 16.469 | 0.12987012987013 | 0.646612 |
| 484 | 11 | 35 | 8.212 | 0.109090909090909 | 0.686443 |
| 485 | 11 | 13 | 12.03 | 0.132867132867133 | 0.698006 |
| 486 | 11 | 36 | 16.022 | 0.128787878787879 | 0.63778 |
| 487 | 11 | 34 | 17.076 | 0.125668449197861 | 0.605653 |
| 488 | 11 | 17 | 21.457 | 0.160427807486631 | 0.571074 |
| 489 | 11 | 13 | 5.263 | 0.125874125874126 | 0.734504 |
| 490 | 11 | 14 | 17.409 | 0.142857142857143 | 0.636318 |
| 491 | 11 | 26 | 9.627 | 0.122377622377622 | 0.694635 |
| 492 | 11 | 33 | 24.088 | 0.143250688705234 | 0.518082 |
| 493 | 11 | 23 | 7.532 | 0.122529644268775 | 0.71274 |
| 494 | 11 | 33 | 13.398 | 0.115702479338843 | 0.645065 |
| 495 | 11 | 33 | 18.568 | 0.110192837465565 | 0.55182 |
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| 498 | 11 | 35 | 21.429 | 0.137662337662338 | 0.562435 |
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| 500 | 11 | 36 | 10.922 | 0.121212121212121 | 0.66748 |
| 501 | 11 | 29 | 10.443 | 0.128526645768025 | 0.663836 |
| 502 | 11 | 37 | 13.317 | 0.12039312039312 | 0.634683 |
| 503 | 11 | 35 | 4.718 | 0.103896103896104 | 0.762425 |
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| 505 | 11 | 41 | 17.43 | 0.124168514412417 | 0.612194 |
| 506 | 11 | 37 | 10.778 | 0.117936117936118 | 0.687005 |
| 507 | 11 | 18 | 18.502 | 0.141414141414141 | 0.59817 |
| 508 | 11 | 23 | 11.439 | 0.118577075098814 | 0.693273 |
| 509 | 11 | 41 | 11.543 | 0.117516629711752 | 0.638605 |
| 510 | 11 | 26 | 14.5 | 0.129370629370629 | 0.640561 |
| 511 | 11 | 34 | 8.57 | 0.109625668449198 | 0.732234 |
| 512 | 11 | 34 | 10.344 | 0.120320855614973 | 0.677968 |
| 513 | 11 | 26 | 22.031 | 0.136363636363636 | 0.594955 |
| 514 | 11 | 25 | 11.878 | 0.123636363636364 | 0.680739 |
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| 516 | 11 | 23 | 13.42 | 0.134387351778656 | 0.624517 |
| 517 | 11 | 19 | 7.448 | 0.129186602870813 | 0.692675 |
| 518 | 11 | 37 | 11.908 | 0.110565110565111 | 0.664629 |
| 519 | 11 | 18 | 11.699 | 0.126262626262626 | 0.718342 |
| 520 | 11 | 21 | 16.289 | 0.125541125541126 | 0.627772 |
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| 522 | 11 | 45 | 4.506 | 0.103030303030303 | 0.672364 |
| 523 | 11 | 31 | 13.139 | 0.120234604105572 | 0.664429 |
| 524 | 11 | 33 | 13.62 | 0.129476584022039 | 0.629194 |
| 525 | 11 | 26 | 19.104 | 0.125874125874126 | 0.608744 |
| 526 | 11 | 30 | 15.156 | 0.127272727272727 | 0.622962 |
| 527 | 11 | 28 | 12.933 | 0.12012987012987 | 0.654435 |
| 528 | 11 | 19 | 12.05 | 0.124401913875598 | 0.624212 |
| 529 | 11 | 29 | 7.437 | 0.119122257053292 | 0.722238 |
| 530 | 11 | 24 | 14.746 | 0.125 | 0.634474 |
| 531 | 11 | 34 | 8.807 | 0.109625668449198 | 0.666205 |
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| 533 | 11 | 23 | 1.623 | 0.102766798418972 | 0.798737 |
| 534 | 11 | 40 | 15.236 | 0.129545454545455 | 0.619218 |
| 535 | 11 | 40 | 18.285 | 0.134090909090909 | 0.594612 |
| 536 | 11 | 21 | 27.089 | 0.151515151515152 | 0.528118 |
| 537 | 11 | 14 | 9.475 | 0.12987012987013 | 0.734943 |
| 538 | 11 | 17 | 10.995 | 0.122994652406417 | 0.695592 |
| 539 | 11 | 12 | 13.499 | 0.143939393939394 | 0.650925 |
| 540 | 11 | 19 | 14.196 | 0.129186602870813 | 0.695416 |
| 541 | 11 | 22 | 13.054 | 0.12396694214876 | 0.64661 |
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| 543 | 11 | 21 | 30.888 | 0.16017316017316 | 0.527354 |
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| 545 | 11 | 35 | 16.8 | 0.114285714285714 | 0.573805 |
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| 547 | 11 | 24 | 13.041 | 0.132575757575758 | 0.631788 |
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| 551 | 11 | 43 | 10.709 | 0.116279069767442 | 0.617463 |
| 552 | 11 | 33 | 16.194 | 0.134986225895317 | 0.615947 |
| 553 | 11 | 35 | 16.585 | 0.119480519480519 | 0.621873 |
| 554 | 11 | 53 | 17.491 | 0.125214408233276 | 0.595184 |
| 555 | 11 | 25 | 10.883 | 0.127272727272727 | 0.643215 |
| 556 | 11 | 34 | 24.865 | 0.125668449197861 | 0.559026 |
| 557 | 11 | 17 | 8.726 | 0.122994652406417 | 0.712606 |
| 558 | 11 | 17 | 10.122 | 0.122994652406417 | 0.693704 |
| 559 | 11 | 30 | 10.281 | 0.115151515151515 | 0.695228 |
| 560 | 11 | 33 | 6.312 | 0.110192837465565 | 0.737432 |
| 561 | 11 | 34 | 25.395 | 0.147058823529412 | 0.544754 |
| 562 | 11 | 35 | 13.788 | 0.127272727272727 | 0.624688 |
| 563 | 11 | 21 | 12.516 | 0.134199134199134 | 0.682571 |
| 564 | 11 | 36 | 16.119 | 0.121212121212121 | 0.567655 |
| 565 | 11 | 42 | 14.768 | 0.116883116883117 | 0.649461 |
| 566 | 11 | 25 | 23.38 | 0.138181818181818 | 0.596212 |
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| 568 | 11 | 29 | 14.203 | 0.13166144200627 | 0.671151 |
| 569 | 11 | 39 | 11.522 | 0.111888111888112 | 0.674417 |
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| 571 | 11 | 38 | 9.893 | 0.11244019138756 | 0.663134 |
| 572 | 11 | 38 | 9.334 | 0.12200956937799 | 0.691598 |
| 573 | 11 | 28 | 12.5 | 0.12012987012987 | 0.674885 |
| 574 | 11 | 36 | 10.984 | 0.116161616161616 | 0.672436 |
| 575 | 11 | 29 | 18.682 | 0.125391849529781 | 0.624947 |
| 576 | 11 | 37 | 11.708 | 0.12039312039312 | 0.668415 |
| 577 | 11 | 20 | 10.408 | 0.118181818181818 | 0.689287 |
| 578 | 11 | 17 | 3.141 | 0.106951871657754 | 0.824922 |
| 579 | 11 | 35 | 21.862 | 0.124675324675325 | 0.555505 |
| 580 | 11 | 26 | 8.202 | 0.115384615384615 | 0.718945 |
| 581 | 11 | 32 | 11.192 | 0.113636363636364 | 0.548691 |
| 582 | 11 | 24 | 3.927 | 0.106060606060606 | 0.79074 |
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| 584 | 11 | 22 | 7.576 | 0.115702479338843 | 0.683611 |
| 585 | 11 | 38 | 15.423 | 0.12200956937799 | 0.623937 |
| 586 | 11 | 33 | 10.606 | 0.126721763085399 | 0.659681 |
| 587 | 11 | 20 | 9.184 | 0.122727272727273 | 0.64329 |
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| 589 | 11 | 36 | 18.164 | 0.136363636363636 | 0.579175 |
| 590 | 11 | 48 | 26.467 | 0.147727272727273 | 0.53563 |
| 591 | 11 | 25 | 20.724 | 0.123636363636364 | 0.581262 |
| 592 | 11 | 36 | 15.108 | 0.133838383838384 | 0.624375 |
| 593 | 11 | 24 | 15.559 | 0.125 | 0.638149 |
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| 596 | 11 | 25 | 6.667 | 0.112727272727273 | 0.742908 |
| 597 | 11 | 25 | 9.305 | 0.116363636363636 | 0.703063 |
| 598 | 11 | 29 | 5.242 | 0.109717868338558 | 0.775438 |
| 599 | 11 | 38 | 15.866 | 0.136363636363636 | 0.619527 |
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| 601 | 11 | 28 | 12.117 | 0.12987012987013 | 0.677445 |
| 602 | 11 | 19 | 18.842 | 0.133971291866029 | 0.650456 |
| 603 | 11 | 20 | 2.041 | 0.1 | 0.82843 |
| 604 | 11 | 28 | 17.927 | 0.123376623376623 | 0.63914 |
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| 606 | 11 | 23 | 19.075 | 0.146245059288538 | 0.582865 |
| 607 | 11 | 15 | 7.083 | 0.115151515151515 | 0.747855 |
| 608 | 11 | 34 | 9.172 | 0.114973262032086 | 0.706266 |
| 609 | 11 | 32 | 11.417 | 0.116477272727273 | 0.676917 |
| 610 | 11 | 40 | 9.918 | 0.113636363636364 | 0.67954 |
| 611 | 11 | 23 | 12.04 | 0.118577075098814 | 0.689942 |
| 612 | 11 | 27 | 15.548 | 0.124579124579125 | 0.648594 |
| 613 | 11 | 32 | 9.691 | 0.122159090909091 | 0.701401 |
| 614 | 11 | 39 | 13.85 | 0.121212121212121 | 0.640478 |
| 615 | 11 | 23 | 20.577 | 0.142292490118577 | 0.587916 |
| 616 | 11 | 29 | 8.269 | 0.112852664576803 | 0.736044 |
| 617 | 11 | 34 | 30.123 | 0.133689839572193 | 0.521558 |
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| 619 | 11 | 28 | 11.232 | 0.12012987012987 | 0.682192 |
| 620 | 11 | 37 | 29.975 | 0.14004914004914 | 0.547509 |
| 621 | 11 | 23 | 8.247 | 0.110671936758893 | 0.729524 |
| 622 | 11 | 14 | 18.436 | 0.155844155844156 | 0.604125 |
| 623 | 11 | 20 | 6.463 | 0.113636363636364 | 0.727933 |
| 624 | 11 | 30 | 14.677 | 0.124242424242424 | 0.661455 |
| 625 | 11 | 24 | 14.139 | 0.128787878787879 | 0.666036 |
| 626 | 11 | 47 | 19.074 | 0.121856866537718 | 0.589768 |
| 627 | 11 | 38 | 14.233 | 0.124401913875598 | 0.62421 |
| 628 | 11 | 23 | 14.286 | 0.122529644268775 | 0.670079 |
| 629 | 11 | 26 | 10.625 | 0.118881118881119 | 0.683329 |
| 630 | 11 | 38 | 13.805 | 0.12200956937799 | 0.648926 |
| 631 | 11 | 48 | 19.436 | 0.119318181818182 | 0.57818 |
| 632 | 11 | 26 | 26.746 | 0.13986013986014 | 0.546833 |
| 633 | 11 | 26 | 15.667 | 0.125874125874126 | 0.627264 |
| 634 | 11 | 36 | 15.869 | 0.121212121212121 | 0.571994 |
| 635 | 11 | 27 | 10.057 | 0.114478114478114 | 0.674677 |
| 636 | 11 | 41 | 18.098 | 0.135254988913525 | 0.587162 |
| 637 | 11 | 21 | 8.881 | 0.121212121212121 | 0.72953 |
| 638 | 11 | 37 | 11.67 | 0.12039312039312 | 0.660085 |
| 639 | 11 | 24 | 13.243 | 0.125 | 0.678548 |
| 640 | 11 | 14 | 6.849 | 0.12987012987013 | 0.74744 |
| 641 | 11 | 17 | 7.853 | 0.133689839572193 | 0.686347 |
| 642 | 11 | 33 | 23.781 | 0.137741046831956 | 0.566757 |
| 643 | 11 | 49 | 17.68 | 0.128014842300557 | 0.606755 |
| 644 | 11 | 8 | 0 | 0.136363636363636 | 0.805496 |
| 645 | 11 | 28 | 13.936 | 0.126623376623377 | 0.660695 |
| 646 | 11 | 19 | 1.77 | 0.100478468899522 | 0.825314 |
| 647 | 11 | 44 | 18.612 | 0.115702479338843 | 0.587957 |
| 648 | 11 | 22 | 5.711 | 0.107438016528926 | 0.773595 |
| 649 | 11 | 22 | 10.023 | 0.119834710743802 | 0.670569 |
| 650 | 11 | 36 | 11.62 | 0.113636363636364 | 0.664632 |
| 651 | 11 | 30 | 13.745 | 0.115151515151515 | 0.658526 |
| 652 | 11 | 47 | 18.862 | 0.121856866537718 | 0.598084 |
| 653 | 11 | 22 | 11.247 | 0.115702479338843 | 0.707846 |
| 654 | 11 | 43 | 27.229 | 0.13953488372093 | 0.517637 |
| 655 | 11 | 26 | 11.018 | 0.111888111888112 | 0.680603 |
| 656 | 11 | 36 | 18.364 | 0.128787878787879 | 0.5978 |
| 657 | 11 | 15 | 13.021 | 0.139393939393939 | 0.631334 |
| 658 | 11 | 43 | 8.681 | 0.112050739957717 | 0.717985 |
| 659 | 11 | 28 | 9.238 | 0.116883116883117 | 0.715986 |
| 660 | 11 | 26 | 8.158 | 0.118881118881119 | 0.702361 |
| 661 | 11 | 38 | 24.326 | 0.133971291866029 | 0.538859 |
| 662 | 11 | 35 | 30.053 | 0.135064935064935 | 0.545072 |
| 663 | 11 | 19 | 18.097 | 0.138755980861244 | 0.614698 |
| 664 | 11 | 51 | 15.042 | 0.117647058823529 | 0.626438 |
| 665 | 11 | 35 | 17.844 | 0.127272727272727 | 0.630936 |
| 666 | 11 | 14 | 4.795 | 0.116883116883117 | 0.790053 |
| 667 | 11 | 21 | 11.447 | 0.12987012987013 | 0.67439 |
| 668 | 11 | 31 | 25.038 | 0.143695014662757 | 0.553892 |
| 669 | 11 | 29 | 14.246 | 0.125391849529781 | 0.636198 |
| 670 | 11 | 21 | 11.95 | 0.116883116883117 | 0.692668 |
| 671 | 11 | 26 | 6.743 | 0.104895104895105 | 0.726596 |
| 672 | 11 | 15 | 23.062 | 0.157575757575758 | 0.557655 |
| 673 | 11 | 46 | 14.748 | 0.128458498023715 | 0.621726 |
| 674 | 11 | 26 | 30.781 | 0.13986013986014 | 0.526209 |
| 675 | 11 | 27 | 9.926 | 0.124579124579125 | 0.685116 |
| 676 | 11 | 32 | 10.276 | 0.122159090909091 | 0.670035 |
| 677 | 11 | 27 | 16.039 | 0.127946127946128 | 0.648839 |
| 678 | 11 | 32 | 14.413 | 0.125 | 0.641993 |
| 679 | 11 | 32 | 17.198 | 0.130681818181818 | 0.627078 |
| 680 | 11 | 22 | 13.298 | 0.12396694214876 | 0.68661 |
| 681 | 11 | 34 | 16.008 | 0.122994652406417 | 0.63747 |
| 682 | 11 | 32 | 5.43 | 0.110795454545455 | 0.750754 |
| 683 | 11 | 33 | 12.146 | 0.121212121212121 | 0.648189 |
| 684 | 11 | 34 | 20.342 | 0.131016042780749 | 0.586374 |
| 685 | 11 | 24 | 11.339 | 0.125 | 0.704257 |
| 686 | 11 | 42 | 14.278 | 0.112554112554113 | 0.646389 |
| 687 | 11 | 29 | 8.612 | 0.112852664576803 | 0.717528 |
| 688 | 11 | 20 | 17.347 | 0.136363636363636 | 0.586622 |
| 689 | 11 | 12 | 8.678 | 0.128787878787879 | 0.723126 |
| 690 | 11 | 19 | 6.785 | 0.110047846889952 | 0.729609 |
| 691 | 11 | 25 | 12.606 | 0.12 | 0.68773 |
| 692 | 11 | 38 | 16.097 | 0.124401913875598 | 0.624579 |
| 693 | 11 | 37 | 13.653 | 0.117936117936118 | 0.668777 |
| 694 | 11 | 29 | 16.24 | 0.128526645768025 | 0.615652 |
| 695 | 11 | 36 | 17.229 | 0.123737373737374 | 0.630933 |
| 696 | 11 | 29 | 24.367 | 0.122257053291536 | 0.485816 |
| 697 | 11 | 26 | 21.92 | 0.143356643356643 | 0.566884 |
| 698 | 11 | 33 | 8.718 | 0.110192837465565 | 0.718059 |
| 699 | 11 | 15 | 8.125 | 0.121212121212121 | 0.739938 |
| 700 | 11 | 29 | 13.955 | 0.119122257053292 | 0.516565 |
| 701 | 11 | 14 | 16.21 | 0.136363636363636 | 0.68022 |
| 702 | 11 | 29 | 13.222 | 0.122257053291536 | 0.66398 |
| 703 | 11 | 27 | 8.292 | 0.114478114478114 | 0.664297 |
| 704 | 11 | 21 | 14.981 | 0.138528138528139 | 0.623001 |
| 705 | 11 | 20 | 8.98 | 0.122727272727273 | 0.721476 |
| 706 | 11 | 35 | 19.222 | 0.135064935064935 | 0.588712 |
| 707 | 11 | 31 | 18.883 | 0.129032258064516 | 0.602223 |
| 708 | 11 | 33 | 13.565 | 0.121212121212121 | 0.644575 |
| 709 | 11 | 26 | 5.526 | 0.108391608391608 | 0.738745 |
| 710 | 11 | 24 | 4.23 | 0.106060606060606 | 0.765231 |
| 711 | 11 | 34 | 13.435 | 0.128342245989305 | 0.638838 |
| 712 | 11 | 30 | 10.424 | 0.118181818181818 | 0.704739 |
| 713 | 11 | 24 | 5.438 | 0.113636363636364 | 0.766598 |
| 714 | 11 | 25 | 21.945 | 0.130909090909091 | 0.591002 |
| 715 | 11 | 35 | 13.874 | 0.122077922077922 | 0.657708 |
| 716 | 11 | 28 | 12.421 | 0.126623376623377 | 0.646891 |
| 717 | 11 | 17 | 15.969 | 0.144385026737968 | 0.604895 |
| 718 | 11 | 29 | 12.905 | 0.122257053291536 | 0.662667 |
| 719 | 11 | 36 | 7.855 | 0.106060606060606 | 0.708549 |
| 720 | 11 | 21 | 14.101 | 0.125541125541126 | 0.67652 |
| 721 | 11 | 30 | 12.857 | 0.127272727272727 | 0.644506 |
| 722 | 11 | 26 | 11.842 | 0.122377622377622 | 0.67749 |
| 723 | 11 | 31 | 16.635 | 0.12316715542522 | 0.61956 |
| 724 | 11 | 33 | 13.486 | 0.121212121212121 | 0.658 |
| 725 | 11 | 36 | 21.547 | 0.121212121212121 | 0.5746 |
| 726 | 11 | 42 | 14.022 | 0.119047619047619 | 0.650523 |
| 727 | 11 | 25 | 11.784 | 0.12 | 0.703335 |
| 728 | 11 | 32 | 13.715 | 0.125 | 0.653872 |
| 729 | 11 | 33 | 14.739 | 0.121212121212121 | 0.666782 |
| 730 | 11 | 42 | 14.811 | 0.123376623376623 | 0.614907 |
| 731 | 11 | 51 | 18.983 | 0.128342245989305 | 0.573643 |
| 732 | 11 | 46 | 21.308 | 0.132411067193676 | 0.581598 |
| 733 | 11 | 41 | 11.822 | 0.117516629711752 | 0.680608 |
| 734 | 11 | 17 | 11.082 | 0.122994652406417 | 0.718278 |
| 735 | 11 | 35 | 10.925 | 0.119480519480519 | 0.673383 |
| 736 | 11 | 44 | 17.483 | 0.119834710743802 | 0.610826 |
| 737 | 11 | 29 | 12.43 | 0.125391849529781 | 0.636197 |
| 738 | 11 | 21 | 5.409 | 0.103896103896104 | 0.777702 |
| 739 | 11 | 34 | 17.655 | 0.128342245989305 | 0.582417 |
| 740 | 11 | 21 | 15.66 | 0.134199134199134 | 0.63158 |
| 741 | 11 | 15 | 11.354 | 0.121212121212121 | 0.71494 |
| 742 | 11 | 47 | 14.14 | 0.11605415860735 | 0.659663 |
| 743 | 11 | 32 | 15.864 | 0.127840909090909 | 0.638959 |
| 744 | 11 | 34 | 8.415 | 0.109625668449198 | 0.723906 |
| 745 | 11 | 31 | 11.937 | 0.117302052785924 | 0.68494 |
| 746 | 11 | 36 | 12.45 | 0.111111111111111 | 0.671942 |
| 747 | 11 | 26 | 18.358 | 0.125874125874126 | 0.594084 |
| 748 | 11 | 40 | 17.513 | 0.113636363636364 | 0.591145 |
| 749 | 11 | 27 | 17.815 | 0.138047138047138 | 0.588891 |
| 750 | 11 | 32 | 11.066 | 0.116477272727273 | 0.669782 |
| 751 | 11 | 22 | 4.545 | 0.107438016528926 | 0.786908 |
| 752 | 11 | 43 | 19.499 | 0.126849894291755 | 0.60717 |
| 753 | 11 | 18 | 12.019 | 0.131313131313131 | 0.692254 |
| 754 | 11 | 24 | 10.574 | 0.117424242424242 | 0.699209 |
| 755 | 11 | 25 | 6.831 | 0.116363636363636 | 0.695251 |
| 756 | 11 | 24 | 8.409 | 0.113636363636364 | 0.727712 |
| 757 | 11 | 29 | 13.63 | 0.125391849529781 | 0.639945 |
| 758 | 11 | 27 | 11.617 | 0.124579124579125 | 0.684385 |
| 759 | 11 | 34 | 6.652 | 0.109625668449198 | 0.666802 |
| 760 | 11 | 8 | 14.257 | 0.170454545454545 | 0.639961 |
| 761 | 11 | 13 | 3.008 | 0.125874125874126 | 0.759194 |
| 762 | 11 | 41 | 15.453 | 0.117516629711752 | 0.616888 |
| 763 | 11 | 14 | 6.05 | 0.116883116883117 | 0.749934 |
| 764 | 11 | 23 | 16.64 | 0.130434782608696 | 0.640903 |
| 765 | 11 | 30 | 12.359 | 0.118181818181818 | 0.677784 |
| 766 | 11 | 31 | 7.596 | 0.111436950146628 | 0.712534 |
| 767 | 11 | 38 | 16.287 | 0.114832535885167 | 0.602807 |
| 768 | 11 | 29 | 13.106 | 0.137931034482759 | 0.634768 |
| 769 | 11 | 14 | 5.137 | 0.123376623376623 | 0.775558 |
| 770 | 11 | 43 | 12.978 | 0.120507399577167 | 0.662609 |
| 771 | 11 | 23 | 11.302 | 0.118577075098814 | 0.693273 |
| 772 | 11 | 38 | 17.248 | 0.129186602870813 | 0.622378 |
| 773 | 11 | 25 | 25.709 | 0.149090909090909 | 0.547255 |
| 774 | 11 | 29 | 9.386 | 0.112852664576803 | 0.696695 |
| 775 | 11 | 39 | 20.035 | 0.135198135198135 | 0.578433 |
| 776 | 11 | 30 | 11.054 | 0.115151515151515 | 0.672374 |
| 777 | 11 | 22 | 8.986 | 0.119834710743802 | 0.73121 |
| 778 | 11 | 28 | 20.345 | 0.142857142857143 | 0.611525 |
| 779 | 11 | 40 | 16.216 | 0.136363636363636 | 0.58079 |
| 780 | 11 | 27 | 11.946 | 0.117845117845118 | 0.675042 |
| 781 | 11 | 24 | 5.992 | 0.109848484848485 | 0.718125 |
| 782 | 11 | 29 | 15.521 | 0.128526645768025 | 0.624577 |
| 783 | 11 | 21 | 7.987 | 0.112554112554113 | 0.721828 |
| 784 | 11 | 24 | 5.035 | 0.109848484848485 | 0.738338 |
| 785 | 11 | 37 | 13.852 | 0.12039312039312 | 0.645508 |
| 786 | 11 | 32 | 27.23 | 0.142045454545455 | 0.555957 |
| 787 | 11 | 21 | 7.61 | 0.116883116883117 | 0.759877 |
| 788 | 11 | 26 | 32.154 | 0.143356643356643 | 0.521671 |
| 789 | 11 | 35 | 18.485 | 0.127272727272727 | 0.600948 |
| 790 | 11 | 25 | 19.235 | 0.138181818181818 | 0.620447 |
| 791 | 11 | 27 | 11.809 | 0.114478114478114 | 0.680734 |
| 792 | 11 | 31 | 7.596 | 0.111436950146628 | 0.712538 |
| 793 | 11 | 25 | 16.09 | 0.127272727272727 | 0.655455 |
| 794 | 11 | 41 | 11.041 | 0.113082039911308 | 0.6989 |
| 795 | 11 | 26 | 21.692 | 0.132867132867133 | 0.580286 |
| 796 | 11 | 31 | 14.308 | 0.120234604105572 | 0.666215 |
| 797 | 11 | 20 | 8.129 | 0.118181818181818 | 0.755851 |
| 798 | 11 | 27 | 13.596 | 0.127946127946128 | 0.675151 |
| 799 | 11 | 28 | 22.745 | 0.133116883116883 | 0.581153 |
| 800 | 11 | 39 | 11.667 | 0.116550116550117 | 0.673141 |
| 801 | 11 | 27 | 9.567 | 0.114478114478114 | 0.711874 |
| 802 | 11 | 31 | 5.673 | 0.102639296187683 | 0.733804 |
| 803 | 11 | 26 | 9.167 | 0.111888111888112 | 0.708919 |
| 804 | 11 | 32 | 8.264 | 0.119318181818182 | 0.70062 |
| 805 | 11 | 27 | 11.488 | 0.121212121212121 | 0.66661 |
| 806 | 11 | 23 | 4.545 | 0.102766798418972 | 0.727737 |
| 807 | 11 | 29 | 10.051 | 0.122257053291536 | 0.666612 |
| 808 | 11 | 35 | 9.844 | 0.119480519480519 | 0.689923 |
| 809 | 11 | 25 | 13.075 | 0.12 | 0.673036 |
| 810 | 11 | 19 | 6.416 | 0.114832535885167 | 0.774238 |
| 811 | 11 | 16 | 11.238 | 0.125 | 0.694156 |
| 812 | 11 | 27 | 8.241 | 0.111111111111111 | 0.728123 |
| 813 | 11 | 43 | 14.05 | 0.124735729386892 | 0.595183 |
| 814 | 11 | 33 | 6.161 | 0.107438016528926 | 0.757325 |
| 815 | 11 | 34 | 14.736 | 0.122994652406417 | 0.631327 |
| 816 | 11 | 26 | 13.327 | 0.115384615384615 | 0.662936 |
| 817 | 11 | 40 | 26.156 | 0.15 | 0.521084 |
| 818 | 11 | 56 | 13.717 | 0.121753246753247 | 0.602437 |
| 819 | 11 | 26 | 14.358 | 0.125874125874126 | 0.672784 |
| 820 | 11 | 15 | 0 | 0.096969696969697 | 0.874909 |
| 821 | 11 | 28 | 12.102 | 0.123376623376623 | 0.68346 |
| 822 | 11 | 19 | 6.342 | 0.119617224880383 | 0.743934 |
| 823 | 11 | 32 | 12.757 | 0.113636363636364 | 0.633693 |
| 824 | 11 | 30 | 12.173 | 0.124242424242424 | 0.671567 |
| 825 | 11 | 16 | 15.048 | 0.130681818181818 | 0.674805 |
| 826 | 11 | 35 | 16.858 | 0.127272727272727 | 0.60678 |
| 827 | 11 | 42 | 12.623 | 0.114718614718615 | 0.663876 |
| 828 | 11 | 29 | 16.832 | 0.125391849529781 | 0.635572 |
| 829 | 11 | 31 | 12.266 | 0.120234604105572 | 0.684654 |
| 830 | 11 | 23 | 9.913 | 0.114624505928854 | 0.722885 |
| 831 | 11 | 35 | 14.051 | 0.106493506493506 | 0.578763 |
| 832 | 11 | 21 | 8.063 | 0.116883116883117 | 0.746162 |
| 833 | 11 | 21 | 9.057 | 0.125541125541126 | 0.700298 |
| 834 | 11 | 30 | 16.078 | 0.118181818181818 | 0.640968 |
| 835 | 11 | 39 | 7.767 | 0.111888111888112 | 0.70957 |
| 836 | 11 | 14 | 9.589 | 0.123376623376623 | 0.720161 |
| 837 | 11 | 32 | 18.942 | 0.139204545454545 | 0.568055 |
| 838 | 11 | 43 | 6.781 | 0.109936575052854 | 0.748083 |
| 839 | 11 | 27 | 13.81 | 0.124579124579125 | 0.644945 |
| 840 | 11 | 32 | 10.129 | 0.113636363636364 | 0.656189 |
| 841 | 11 | 39 | 14.672 | 0.125874125874126 | 0.608661 |
| 842 | 11 | 28 | 13.895 | 0.123376623376623 | 0.675151 |
| 843 | 11 | 31 | 21.802 | 0.134897360703812 | 0.576041 |
| 844 | 11 | 35 | 14.167 | 0.116883116883117 | 0.657227 |
| 845 | 11 | 37 | 12.141 | 0.125307125307125 | 0.658924 |
| 846 | 11 | 25 | 4.272 | 0.109090909090909 | 0.768818 |
| 847 | 11 | 26 | 24.886 | 0.136363636363636 | 0.583121 |
| 848 | 11 | 41 | 17.752 | 0.133037694013304 | 0.584121 |
| 849 | 11 | 49 | 10.611 | 0.115027829313544 | 0.685422 |
| 850 | 11 | 15 | 15.938 | 0.145454545454545 | 0.630164 |
| 851 | 11 | 27 | 17.693 | 0.124579124579125 | 0.619377 |
| 852 | 11 | 46 | 16.938 | 0.122529644268775 | 0.584496 |
| 853 | 11 | 32 | 3.872 | 0.0994318181818182 | 0.76482 |
| 854 | 11 | 26 | 11.754 | 0.115384615384615 | 0.677627 |
| 855 | 11 | 38 | 9.273 | 0.11244019138756 | 0.72198 |
| 856 | 11 | 35 | 16.723 | 0.116883116883117 | 0.585128 |
| 857 | 11 | 35 | 14.224 | 0.114285714285714 | 0.642505 |
| 858 | 11 | 28 | 8.122 | 0.107142857142857 | 0.726285 |
| 859 | 11 | 15 | 17.188 | 0.145454545454545 | 0.645787 |
| 860 | 11 | 15 | 23.021 | 0.145454545454545 | 0.574607 |
| 861 | 11 | 45 | 11.968 | 0.109090909090909 | 0.653571 |
| 862 | 11 | 32 | 19.538 | 0.133522727272727 | 0.613353 |
| 863 | 11 | 15 | 25.042 | 0.163636363636364 | 0.547291 |
| 864 | 11 | 27 | 11.928 | 0.114478114478114 | 0.69371 |
| 865 | 11 | 45 | 11.08 | 0.117171717171717 | 0.672654 |
| 866 | 11 | 28 | 20.015 | 0.12987012987013 | 0.613073 |
| 867 | 11 | 20 | 6.803 | 0.109090909090909 | 0.774235 |
| 868 | 11 | 31 | 15.455 | 0.114369501466276 | 0.658059 |
| 869 | 11 | 31 | 11.442 | 0.129032258064516 | 0.685896 |
| 870 | 11 | 15 | 8.438 | 0.127272727272727 | 0.727832 |
| 871 | 11 | 23 | 4.654 | 0.106719367588933 | 0.736554 |
| 872 | 11 | 26 | 9.5 | 0.122377622377622 | 0.717489 |
| 873 | 11 | 38 | 8.062 | 0.114832535885167 | 0.733008 |
| 874 | 11 | 21 | 11.761 | 0.116883116883117 | 0.667981 |
| 875 | 11 | 26 | 9.548 | 0.115384615384615 | 0.71527 |
| 876 | 11 | 24 | 17.925 | 0.125 | 0.602332 |
| 877 | 11 | 28 | 15.185 | 0.12987012987013 | 0.628697 |
| 878 | 11 | 22 | 11.305 | 0.12396694214876 | 0.671055 |
| 879 | 11 | 39 | 19.188 | 0.135198135198135 | 0.570112 |
| 880 | 11 | 23 | 11.255 | 0.122529644268775 | 0.704415 |
| 881 | 11 | 40 | 15.618 | 0.122727272727273 | 0.622719 |
| 882 | 11 | 39 | 22.257 | 0.123543123543124 | 0.562428 |
| 883 | 11 | 22 | 10.591 | 0.119834710743802 | 0.683649 |
| 884 | 11 | 28 | 9.007 | 0.123376623376623 | 0.715311 |
| 885 | 11 | 40 | 8.194 | 0.113636363636364 | 0.729134 |
| 886 | 11 | 30 | 12.405 | 0.121212121212121 | 0.667443 |
| 887 | 11 | 23 | 11.201 | 0.118577075098814 | 0.683276 |
| 888 | 11 | 23 | 10.119 | 0.118577075098814 | 0.71327 |
| 889 | 11 | 28 | 17.032 | 0.12012987012987 | 0.625947 |
| 890 | 11 | 11 | 12.727 | 0.140495867768595 | 0.685068 |
| 891 | 11 | 46 | 20.825 | 0.130434782608696 | 0.553445 |
| 892 | 11 | 29 | 7.925 | 0.106583072100313 | 0.731765 |
| 893 | 11 | 12 | 9.504 | 0.136363636363636 | 0.743771 |
| 894 | 11 | 50 | 14.372 | 0.114545454545455 | 0.630578 |
| 895 | 11 | 34 | 9.544 | 0.114973262032086 | 0.717078 |
| 896 | 11 | 25 | 8.169 | 0.109090909090909 | 0.711044 |
| 897 | 11 | 21 | 15.824 | 0.142857142857143 | 0.650091 |
| 898 | 11 | 37 | 14.362 | 0.113022113022113 | 0.6644 |
| 899 | 11 | 21 | 11.006 | 0.125541125541126 | 0.69435 |
| 900 | 11 | 24 | 9.496 | 0.121212121212121 | 0.681584 |
| 901 | 11 | 33 | 15.942 | 0.115702479338843 | 0.649033 |
| 902 | 11 | 43 | 9.805 | 0.112050739957717 | 0.672776 |
| 903 | 11 | 32 | 13.188 | 0.122159090909091 | 0.65273 |
| 904 | 11 | 25 | 10.644 | 0.112727272727273 | 0.680479 |
| 905 | 11 | 44 | 15.986 | 0.128099173553719 | 0.622478 |
| 906 | 11 | 24 | 6.848 | 0.113636363636364 | 0.722156 |
| 907 | 11 | 27 | 11.264 | 0.124579124579125 | 0.656631 |
| 908 | 11 | 32 | 13.92 | 0.116477272727273 | 0.656098 |
| 909 | 11 | 21 | 12.138 | 0.125541125541126 | 0.681276 |
| 910 | 11 | 40 | 12.298 | 0.120454545454545 | 0.651777 |
| 911 | 11 | 31 | 9.867 | 0.114369501466276 | 0.6791 |
| 912 | 11 | 34 | 11.488 | 0.125668449197861 | 0.631909 |
| 913 | 11 | 22 | 9.802 | 0.119834710743802 | 0.724076 |
| 914 | 11 | 22 | 8.159 | 0.119834710743802 | 0.721696 |
| 915 | 11 | 53 | 18.686 | 0.126929674099485 | 0.547797 |
| 916 | 11 | 14 | 18.607 | 0.149350649350649 | 0.614322 |
| 917 | 11 | 13 | 17.544 | 0.13986013986014 | 0.647449 |
| 918 | 11 | 34 | 15.292 | 0.117647058823529 | 0.622365 |
| 919 | 11 | 30 | 15.137 | 0.136363636363636 | 0.619214 |
| 920 | 11 | 33 | 23.165 | 0.137741046831956 | 0.572756 |
| 921 | 11 | 28 | 9.411 | 0.107142857142857 | 0.70884 |
| 922 | 11 | 19 | 16.74 | 0.138755980861244 | 0.603996 |
| 923 | 11 | 25 | 14.769 | 0.123636363636364 | 0.679009 |
| 924 | 11 | 42 | 19.011 | 0.114718614718615 | 0.600513 |
| 925 | 11 | 36 | 9.568 | 0.116161616161616 | 0.645974 |
| 926 | 11 | 34 | 16.976 | 0.120320855614973 | 0.624637 |
| 927 | 11 | 29 | 9.147 | 0.119122257053292 | 0.713236 |
| 928 | 11 | 48 | 18.435 | 0.123106060606061 | 0.581015 |
| 929 | 11 | 30 | 20.548 | 0.142424242424242 | 0.566728 |
| 930 | 11 | 16 | 19.543 | 0.136363636363636 | 0.624952 |
| 931 | 11 | 21 | 10.201 | 0.121212121212121 | 0.684891 |
| 932 | 11 | 15 | 19.688 | 0.145454545454545 | 0.604123 |
| 933 | 11 | 29 | 12.572 | 0.122257053291536 | 0.633736 |
| 934 | 11 | 28 | 13.576 | 0.133116883116883 | 0.666218 |
| 935 | 11 | 22 | 8.741 | 0.111570247933884 | 0.713242 |
| 936 | 11 | 39 | 11.696 | 0.116550116550117 | 0.680741 |
| 937 | 11 | 25 | 8.474 | 0.12 | 0.707929 |
| 938 | 11 | 30 | 5.612 | 0.109090909090909 | 0.719064 |
| 939 | 11 | 21 | 8.113 | 0.116883116883117 | 0.717358 |
| 940 | 11 | 27 | 13.53 | 0.127946127946128 | 0.664768 |
| 941 | 11 | 15 | 10.312 | 0.121212121212121 | 0.714939 |
| 942 | 11 | 31 | 4.199 | 0.105571847507331 | 0.745297 |
| 943 | 11 | 25 | 15.127 | 0.127272727272727 | 0.647292 |
| 944 | 11 | 30 | 14.241 | 0.13030303030303 | 0.6576 |
| 945 | 11 | 35 | 17.155 | 0.132467532467532 | 0.595878 |
| 946 | 11 | 34 | 7.182 | 0.112299465240642 | 0.729525 |
| 947 | 11 | 30 | 9.847 | 0.118181818181818 | 0.690931 |
| 948 | 11 | 23 | 3.896 | 0.114624505928854 | 0.55642 |
| 949 | 11 | 16 | 6.857 | 0.113636363636364 | 0.762433 |
| 950 | 11 | 20 | 10.408 | 0.118181818181818 | 0.72331 |
| 951 | 11 | 29 | 9.4 | 0.106583072100313 | 0.691973 |
| 952 | 11 | 42 | 13.852 | 0.123376623376623 | 0.648454 |
| 953 | 11 | 45 | 13.151 | 0.113131313131313 | 0.635463 |
| 954 | 11 | 24 | 9.315 | 0.121212121212121 | 0.719665 |
| 955 | 11 | 21 | 16.909 | 0.142857142857143 | 0.636315 |
| 956 | 11 | 31 | 24.385 | 0.143695014662757 | 0.555143 |
| 957 | 11 | 32 | 10.746 | 0.127840909090909 | 0.651305 |
| 958 | 11 | 36 | 14.765 | 0.121212121212121 | 0.664005 |
| 959 | 11 | 21 | 21.447 | 0.138528138528139 | 0.564406 |
| 960 | 11 | 24 | 9.466 | 0.113636363636364 | 0.741045 |
| 961 | 11 | 20 | 15.102 | 0.131818181818182 | 0.669387 |
| 962 | 11 | 10 | 21.833 | 0.181818181818182 | 0.607464 |
| 963 | 11 | 27 | 18.021 | 0.131313131313131 | 0.624536 |
| 964 | 11 | 26 | 14.518 | 0.125874125874126 | 0.641151 |
| 965 | 11 | 19 | 9.956 | 0.129186602870813 | 0.685816 |
| 966 | 11 | 34 | 12.527 | 0.109625668449198 | 0.563893 |
| 967 | 11 | 22 | 7.809 | 0.111570247933884 | 0.692665 |
| 968 | 11 | 23 | 17.79 | 0.138339920948617 | 0.630972 |
| 969 | 11 | 9 | 0 | 0.131313131313131 | 0.781004 |
| 970 | 11 | 33 | 15.063 | 0.118457300275482 | 0.647321 |
| 971 | 11 | 33 | 11.028 | 0.115702479338843 | 0.678511 |
| 972 | 11 | 25 | 13.052 | 0.123636363636364 | 0.698902 |
| 973 | 11 | 38 | 19.425 | 0.136363636363636 | 0.564746 |
| 974 | 11 | 27 | 18.998 | 0.134680134680135 | 0.610577 |
| 975 | 11 | 25 | 5.728 | 0.109090909090909 | 0.616603 |
| 976 | 11 | 35 | 11.994 | 0.116883116883117 | 0.673025 |
| 977 | 11 | 29 | 14.487 | 0.128526645768025 | 0.621602 |
| 978 | 11 | 33 | 13.04 | 0.129476584022039 | 0.657712 |
| 979 | 11 | 32 | 18.89 | 0.119318181818182 | 0.534526 |
| 980 | 11 | 43 | 21.481 | 0.13953488372093 | 0.561484 |
| 981 | 11 | 30 | 6.276 | 0.106060606060606 | 0.758294 |
| 982 | 11 | 14 | 14.954 | 0.142857142857143 | 0.632185 |
| 983 | 11 | 31 | 12.332 | 0.120234604105572 | 0.657289 |
| 984 | 11 | 23 | 14.018 | 0.130434782608696 | 0.661104 |
| 985 | 11 | 29 | 9.732 | 0.115987460815047 | 0.690954 |
| 986 | 11 | 11 | 15.909 | 0.148760330578512 | 0.651188 |
| 987 | 11 | 16 | 9.429 | 0.113636363636364 | 0.717436 |
| 988 | 11 | 21 | 12.057 | 0.121212121212121 | 0.689992 |
| 989 | 11 | 22 | 21.212 | 0.136363636363636 | 0.578464 |
| 990 | 11 | 33 | 15.406 | 0.121212121212121 | 0.658517 |
| 991 | 11 | 13 | 26.566 | 0.160839160839161 | 0.568956 |
| 992 | 11 | 33 | 15.392 | 0.12396694214876 | 0.624638 |
| 993 | 11 | 31 | 6.859 | 0.108504398826979 | 0.726006 |
| 994 | 11 | 19 | 5.31 | 0.110047846889952 | 0.767415 |
| 995 | 11 | 22 | 6.888 | 0.107438016528926 | 0.749929 |
| 996 | 11 | 24 | 11.934 | 0.121212121212121 | 0.687443 |
| 997 | 11 | 53 | 20.062 | 0.128644939965695 | 0.569199 |
| 998 | 11 | 24 | 11.249 | 0.132575757575758 | 0.648113 |
| 999 | 11 | 27 | 16.1 | 0.131313131313131 | 0.660698 |
| 1000 | 11 | 23 | 11.167 | 0.114624505928854 | 0.710994 |

**Table 3**. Characterization of the random network of the body size model for Pantanal.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Host | Parasites | Nestedness | Connectance | Modularity |
| 1 | 11 | 21 | 8.44 | 0.116883116883117 | 0.742047 |
| 2 | 11 | 20 | 3.265 | 0.109090909090909 | 0.656184 |
| 3 | 11 | 41 | 13.937 | 0.113082039911308 | 0.622394 |
| 4 | 11 | 21 | 10.566 | 0.12987012987013 | 0.676614 |
| 5 | 11 | 27 | 10.673 | 0.111111111111111 | 0.712514 |
| 6 | 11 | 20 | 2.857 | 0.109090909090909 | 0.819368 |
| 7 | 11 | 32 | 14.696 | 0.113636363636364 | 0.646191 |
| 8 | 11 | 20 | 5.034 | 0.109090909090909 | 0.772496 |
| 9 | 11 | 28 | 13.376 | 0.107142857142857 | 0.661093 |
| 10 | 11 | 28 | 4.85 | 0.107142857142857 | 0.675781 |
| 11 | 11 | 31 | 17.058 | 0.126099706744868 | 0.635426 |
| 12 | 11 | 22 | 10.793 | 0.132231404958678 | 0.650341 |
| 13 | 11 | 46 | 20.012 | 0.120553359683794 | 0.533951 |
| 14 | 11 | 32 | 3.727 | 0.0965909090909091 | 0.772411 |
| 15 | 11 | 25 | 11.549 | 0.109090909090909 | 0.647714 |
| 16 | 11 | 36 | 9.409 | 0.108585858585859 | 0.686794 |
| 17 | 11 | 41 | 21.317 | 0.12860310421286 | 0.563274 |
| 18 | 11 | 22 | 16.364 | 0.128099173553719 | 0.643027 |
| 19 | 11 | 33 | 14.114 | 0.112947658402204 | 0.668587 |
| 20 | 11 | 15 | 8.75 | 0.139393939393939 | 0.654017 |
| 21 | 11 | 17 | 10.995 | 0.117647058823529 | 0.714814 |
| 22 | 11 | 28 | 17.475 | 0.116883116883117 | 0.628028 |
| 23 | 11 | 18 | 8.574 | 0.116161616161616 | 0.748516 |
| 24 | 11 | 23 | 5.411 | 0.110671936758893 | 0.753757 |
| 25 | 11 | 15 | 10.938 | 0.127272727272727 | 0.693822 |
| 26 | 11 | 23 | 10.281 | 0.122529644268775 | 0.679443 |
| 27 | 11 | 49 | 10.229 | 0.111317254174397 | 0.694935 |
| 28 | 11 | 26 | 15.811 | 0.122377622377622 | 0.628516 |
| 29 | 11 | 28 | 4.434 | 0.100649350649351 | 0.755386 |
| 30 | 11 | 36 | 21.516 | 0.131313131313131 | 0.545816 |
| 31 | 11 | 18 | 5.449 | 0.116161616161616 | 0.746627 |
| 32 | 11 | 20 | 24.422 | 0.140909090909091 | 0.551463 |
| 33 | 11 | 31 | 13.603 | 0.117302052785924 | 0.659316 |
| 34 | 11 | 27 | 3.161 | 0.104377104377104 | 0.718971 |
| 35 | 11 | 31 | 9.731 | 0.117302052785924 | 0.710563 |
| 36 | 11 | 21 | 2.642 | 0.0995670995670996 | 0.850576 |
| 37 | 11 | 25 | 7.746 | 0.112727272727273 | 0.718978 |
| 38 | 11 | 20 | 5.306 | 0.109090909090909 | 0.765553 |
| 39 | 11 | 18 | 12.74 | 0.131313131313131 | 0.69817 |
| 40 | 11 | 19 | 6.785 | 0.114832535885167 | 0.744727 |
| 41 | 11 | 31 | 14.297 | 0.126099706744868 | 0.613249 |
| 42 | 11 | 19 | 2.36 | 0.105263157894737 | 0.795377 |
| 43 | 11 | 20 | 15.034 | 0.140909090909091 | 0.65864 |
| 44 | 11 | 31 | 4.679 | 0.105571847507331 | 0.766131 |
| 45 | 11 | 17 | 7.068 | 0.117647058823529 | 0.754066 |
| 46 | 11 | 20 | 9.98 | 0.118181818181818 | 0.695206 |
| 47 | 11 | 16 | 6.286 | 0.119318181818182 | 0.711958 |
| 48 | 11 | 18 | 10.016 | 0.131313131313131 | 0.701129 |
| 49 | 11 | 20 | 8.776 | 0.113636363636364 | 0.731134 |
| 50 | 11 | 28 | 7.333 | 0.107142857142857 | 0.721695 |
| 51 | 11 | 34 | 13.295 | 0.122994652406417 | 0.604859 |
| 52 | 11 | 24 | 11.732 | 0.121212121212121 | 0.678653 |
| 53 | 11 | 27 | 8.539 | 0.114478114478114 | 0.728309 |
| 54 | 11 | 15 | 16.354 | 0.139393939393939 | 0.638893 |
| 55 | 11 | 15 | 13.75 | 0.139393939393939 | 0.638896 |
| 56 | 11 | 28 | 16.7 | 0.126623376623377 | 0.631767 |
| 57 | 11 | 16 | 9.143 | 0.119318181818182 | 0.691551 |
| 58 | 11 | 20 | 3.878 | 0.109090909090909 | 0.808953 |
| 59 | 11 | 26 | 10.11 | 0.111888111888112 | 0.715755 |
| 60 | 11 | 39 | 13.553 | 0.118881118881119 | 0.65815 |
| 61 | 11 | 13 | 14.411 | 0.153846153846154 | 0.615663 |
| 62 | 11 | 19 | 8.739 | 0.124401913875598 | 0.670064 |
| 63 | 11 | 25 | 9.296 | 0.130909090909091 | 0.64192 |
| 64 | 11 | 19 | 6.121 | 0.110047846889952 | 0.746623 |
| 65 | 11 | 22 | 3.438 | 0.111570247933884 | 0.76399 |
| 66 | 11 | 22 | 4.837 | 0.111570247933884 | 0.759877 |
| 67 | 11 | 17 | 0 | 0.0962566844919786 | 0.851763 |
| 68 | 11 | 18 | 2.644 | 0.106060606060606 | 0.802645 |
| 69 | 11 | 26 | 13.671 | 0.125874125874126 | 0.655037 |
| 70 | 11 | 26 | 19.565 | 0.136363636363636 | 0.624541 |
| 71 | 11 | 22 | 12.89 | 0.128099173553719 | 0.661758 |
| 72 | 11 | 17 | 4.974 | 0.117647058823529 | 0.789187 |
| 73 | 11 | 24 | 13.243 | 0.117424242424242 | 0.67528 |
| 74 | 11 | 26 | 12.456 | 0.115384615384615 | 0.686808 |
| 75 | 11 | 17 | 7.592 | 0.122994652406417 | 0.722058 |
| 76 | 11 | 18 | 2.885 | 0.111111111111111 | 0.822238 |
| 77 | 11 | 31 | 13 | 0.12316715542522 | 0.638267 |
| 78 | 11 | 12 | 7.025 | 0.128787878787879 | 0.754265 |
| 79 | 11 | 36 | 10.891 | 0.108585858585859 | 0.699231 |
| 80 | 11 | 21 | 4.843 | 0.116883116883117 | 0.662489 |
| 81 | 11 | 28 | 9.084 | 0.113636363636364 | 0.713406 |
| 82 | 11 | 23 | 11.688 | 0.126482213438735 | 0.666936 |
| 83 | 11 | 30 | 15.573 | 0.121212121212121 | 0.646818 |
| 84 | 11 | 23 | 6.494 | 0.110671936758893 | 0.752482 |
| 85 | 11 | 23 | 5.141 | 0.114624505928854 | 0.790656 |
| 86 | 11 | 30 | 9.337 | 0.109090909090909 | 0.720611 |
| 87 | 11 | 12 | 11.157 | 0.136363636363636 | 0.709824 |
| 88 | 11 | 19 | 11.386 | 0.124401913875598 | 0.677459 |
| 89 | 11 | 23 | 6.602 | 0.110671936758893 | 0.734625 |
| 90 | 11 | 24 | 10.977 | 0.121212121212121 | 0.675724 |
| 91 | 11 | 27 | 11.304 | 0.114478114478114 | 0.701493 |
| 92 | 11 | 19 | 7.448 | 0.129186602870813 | 0.696791 |
| 93 | 11 | 33 | 27.56 | 0.143250688705234 | 0.532505 |
| 94 | 11 | 36 | 13.849 | 0.116161616161616 | 0.654951 |
| 95 | 11 | 25 | 13.127 | 0.112727272727273 | 0.638857 |
| 96 | 11 | 25 | 16.338 | 0.12 | 0.585802 |
| 97 | 11 | 14 | 13.242 | 0.142857142857143 | 0.632187 |
| 98 | 11 | 36 | 16.39 | 0.118686868686869 | 0.643221 |
| 99 | 11 | 30 | 14.379 | 0.121212121212121 | 0.644943 |
| 100 | 11 | 13 | 11.654 | 0.146853146853147 | 0.680224 |
| 101 | 11 | 21 | 14.465 | 0.12987012987013 | 0.636616 |
| 102 | 11 | 17 | 8.377 | 0.117647058823529 | 0.72101 |
| 103 | 11 | 18 | 7.532 | 0.116161616161616 | 0.723945 |
| 104 | 11 | 33 | 14.124 | 0.112947658402204 | 0.6555 |
| 105 | 11 | 34 | 13.486 | 0.117647058823529 | 0.652318 |
| 106 | 11 | 13 | 9.273 | 0.13986013986014 | 0.702447 |
| 107 | 11 | 21 | 12.579 | 0.116883116883117 | 0.688552 |
| 108 | 11 | 20 | 7.075 | 0.118181818181818 | 0.724791 |
| 109 | 11 | 26 | 6.061 | 0.104895104895105 | 0.777703 |
| 110 | 11 | 17 | 17.365 | 0.144385026737968 | 0.603524 |
| 111 | 11 | 40 | 13.124 | 0.109090909090909 | 0.658359 |
| 112 | 11 | 29 | 12.607 | 0.125391849529781 | 0.651197 |
| 113 | 11 | 30 | 23.367 | 0.133333333333333 | 0.564003 |
| 114 | 11 | 36 | 15.294 | 0.121212121212121 | 0.648383 |
| 115 | 11 | 21 | 8.176 | 0.112554112554113 | 0.712953 |
| 116 | 11 | 25 | 13.333 | 0.12 | 0.636306 |
| 117 | 11 | 26 | 14.728 | 0.122377622377622 | 0.63178 |
| 118 | 11 | 31 | 0 | 0.0909090909090909 | 0.801161 |
| 119 | 11 | 21 | 6.478 | 0.112554112554113 | 0.761764 |
| 120 | 11 | 56 | 13.375 | 0.121753246753247 | 0.614527 |
| 121 | 11 | 27 | 11.837 | 0.121212121212121 | 0.685898 |
| 122 | 11 | 16 | 11.333 | 0.136363636363636 | 0.683977 |
| 123 | 11 | 21 | 12.642 | 0.125541125541126 | 0.674141 |
| 124 | 11 | 21 | 14.654 | 0.134199134199134 | 0.639909 |
| 125 | 11 | 37 | 20.088 | 0.117936117936118 | 0.596301 |
| 126 | 11 | 18 | 4.327 | 0.106060606060606 | 0.784506 |
| 127 | 11 | 43 | 9.195 | 0.107822410147992 | 0.691207 |
| 128 | 11 | 18 | 14.599 | 0.136363636363636 | 0.667986 |
| 129 | 11 | 32 | 23.961 | 0.136363636363636 | 0.550302 |
| 130 | 11 | 24 | 6.143 | 0.109848484848485 | 0.740717 |
| 131 | 11 | 22 | 10.14 | 0.119834710743802 | 0.694347 |
| 132 | 11 | 19 | 7.153 | 0.114832535885167 | 0.725631 |
| 133 | 11 | 17 | 10.297 | 0.122994652406417 | 0.729617 |
| 134 | 11 | 41 | 21.462 | 0.133037694013304 | 0.557178 |
| 135 | 11 | 18 | 6.17 | 0.121212121212121 | 0.704803 |
| 136 | 11 | 24 | 15.458 | 0.117424242424242 | 0.627415 |
| 137 | 11 | 17 | 8.29 | 0.117647058823529 | 0.737539 |
| 138 | 11 | 15 | 12.5 | 0.139393939393939 | 0.68993 |
| 139 | 11 | 30 | 15.401 | 0.127272727272727 | 0.599726 |
| 140 | 11 | 12 | 8.127 | 0.136363636363636 | 0.691307 |
| 141 | 11 | 30 | 22.722 | 0.142424242424242 | 0.54455 |
| 142 | 11 | 27 | 7.597 | 0.107744107744108 | 0.741141 |
| 143 | 11 | 24 | 26.677 | 0.128787878787879 | 0.548396 |
| 144 | 11 | 24 | 10.775 | 0.113636363636364 | 0.692159 |
| 145 | 11 | 34 | 10.363 | 0.112299465240642 | 0.683043 |
| 146 | 11 | 13 | 6.391 | 0.125874125874126 | 0.768457 |
| 147 | 11 | 17 | 10.314 | 0.122994652406417 | 0.695594 |
| 148 | 11 | 43 | 8.792 | 0.107822410147992 | 0.708892 |
| 149 | 11 | 13 | 14.286 | 0.146853146853147 | 0.643943 |
| 150 | 11 | 18 | 6.891 | 0.121212121212121 | 0.716954 |
| 151 | 11 | 36 | 18.379 | 0.128787878787879 | 0.611638 |
| 152 | 11 | 27 | 9.102 | 0.114478114478114 | 0.706684 |
| 153 | 11 | 17 | 10.035 | 0.122994652406417 | 0.688034 |
| 154 | 11 | 28 | 6.159 | 0.11038961038961 | 0.63921 |
| 155 | 11 | 17 | 6.981 | 0.117647058823529 | 0.766462 |
| 156 | 11 | 27 | 7.841 | 0.104377104377104 | 0.692959 |
| 157 | 11 | 30 | 5.425 | 0.109090909090909 | 0.766132 |
| 158 | 11 | 24 | 10.272 | 0.121212121212121 | 0.677678 |
| 159 | 11 | 30 | 11.562 | 0.127272727272727 | 0.666046 |
| 160 | 11 | 36 | 6.277 | 0.106060606060606 | 0.756729 |
| 161 | 11 | 30 | 14.349 | 0.121212121212121 | 0.617448 |
| 162 | 11 | 27 | 24.253 | 0.138047138047138 | 0.567473 |
| 163 | 11 | 18 | 6.25 | 0.116161616161616 | 0.727726 |
| 164 | 11 | 32 | 18.038 | 0.133522727272727 | 0.61652 |
| 165 | 11 | 16 | 0 | 0.107954545454545 | 0.842024 |
| 166 | 11 | 36 | 13.079 | 0.118686868686869 | 0.640958 |
| 167 | 11 | 12 | 6.198 | 0.121212121212121 | 0.777279 |
| 168 | 11 | 27 | 21.929 | 0.148148148148148 | 0.55213 |
| 169 | 11 | 28 | 16.089 | 0.12012987012987 | 0.627408 |
| 170 | 11 | 33 | 13.908 | 0.112947658402204 | 0.634085 |
| 171 | 11 | 48 | 7.736 | 0.115530303030303 | 0.708349 |
| 172 | 11 | 26 | 2.237 | 0.104895104895105 | 0.705486 |
| 173 | 11 | 31 | 19.189 | 0.143695014662757 | 0.590129 |
| 174 | 11 | 37 | 11.378 | 0.12039312039312 | 0.647592 |
| 175 | 11 | 19 | 16.15 | 0.138755980861244 | 0.611128 |
| 176 | 11 | 11 | 14.091 | 0.15702479338843 | 0.614919 |
| 177 | 11 | 12 | 17.287 | 0.166666666666667 | 0.582609 |
| 178 | 11 | 22 | 10.198 | 0.115702479338843 | 0.656828 |
| 179 | 11 | 25 | 14.324 | 0.123636363636364 | 0.666035 |
| 180 | 11 | 28 | 14.797 | 0.116883116883117 | 0.648862 |
| 181 | 11 | 27 | 14.403 | 0.124579124579125 | 0.670506 |
| 182 | 11 | 17 | 5.585 | 0.112299465240642 | 0.734627 |
| 183 | 11 | 29 | 7.556 | 0.112852664576803 | 0.731414 |
| 184 | 11 | 27 | 2.668 | 0.101010101010101 | 0.797698 |
| 185 | 11 | 36 | 8.876 | 0.113636363636364 | 0.712528 |
| 186 | 11 | 35 | 8.33 | 0.116883116883117 | 0.682901 |
| 187 | 11 | 26 | 13.838 | 0.118881118881119 | 0.651325 |
| 188 | 11 | 23 | 16.753 | 0.122529644268775 | 0.615969 |
| 189 | 11 | 41 | 16.313 | 0.124168514412417 | 0.617614 |
| 190 | 11 | 23 | 11.797 | 0.122529644268775 | 0.660713 |
| 191 | 11 | 27 | 3.325 | 0.107744107744108 | 0.715752 |
| 192 | 11 | 18 | 11.138 | 0.136363636363636 | 0.646045 |
| 193 | 11 | 21 | 8.176 | 0.116883116883117 | 0.733818 |
| 194 | 11 | 35 | 11.885 | 0.116883116883117 | 0.657717 |
| 195 | 11 | 22 | 8.508 | 0.115702479338843 | 0.721872 |
| 196 | 11 | 26 | 5.833 | 0.122377622377622 | 0.683206 |
| 197 | 11 | 14 | 10.616 | 0.12987012987013 | 0.697445 |
| 198 | 11 | 23 | 11.169 | 0.122529644268775 | 0.696091 |
| 199 | 11 | 19 | 5.863 | 0.110047846889952 | 0.784427 |
| 200 | 11 | 20 | 13.401 | 0.118181818181818 | 0.687808 |
| 201 | 11 | 14 | 6.963 | 0.123376623376623 | 0.734013 |
| 202 | 11 | 25 | 10.282 | 0.12 | 0.688645 |
| 203 | 11 | 12 | 9.366 | 0.128787878787879 | 0.691988 |
| 204 | 11 | 26 | 18.421 | 0.122377622377622 | 0.608925 |
| 205 | 11 | 27 | 3.736 | 0.101010101010101 | 0.782144 |
| 206 | 11 | 29 | 5.278 | 0.112852664576803 | 0.715981 |
| 207 | 11 | 22 | 5.186 | 0.107438016528926 | 0.757326 |
| 208 | 11 | 44 | 16.112 | 0.12603305785124 | 0.615376 |
| 209 | 11 | 30 | 9.218 | 0.106060606060606 | 0.696258 |
| 210 | 11 | 33 | 11.174 | 0.110192837465565 | 0.699935 |
| 211 | 11 | 18 | 14.583 | 0.136363636363636 | 0.639183 |
| 212 | 11 | 20 | 6.327 | 0.118181818181818 | 0.715914 |
| 213 | 11 | 37 | 11.555 | 0.115479115479115 | 0.671285 |
| 214 | 11 | 32 | 22.725 | 0.142045454545455 | 0.577557 |
| 215 | 11 | 27 | 4.557 | 0.114478114478114 | 0.691112 |
| 216 | 11 | 27 | 8.662 | 0.114478114478114 | 0.698034 |
| 217 | 11 | 12 | 7.713 | 0.128787878787879 | 0.730047 |
| 218 | 11 | 22 | 2.098 | 0.0991735537190083 | 0.822833 |
| 219 | 11 | 44 | 13.171 | 0.121900826446281 | 0.645733 |
| 220 | 11 | 22 | 2.098 | 0.107438016528926 | 0.695196 |
| 221 | 11 | 36 | 11.399 | 0.106060606060606 | 0.652431 |
| 222 | 11 | 21 | 7.233 | 0.116883116883117 | 0.753021 |
| 223 | 11 | 20 | 2.449 | 0.109090909090909 | 0.79333 |
| 224 | 11 | 23 | 4.491 | 0.106719367588933 | 0.753015 |
| 225 | 11 | 15 | 4.688 | 0.109090909090909 | 0.749929 |
| 226 | 11 | 25 | 9.042 | 0.12 | 0.686811 |
| 227 | 11 | 17 | 3.141 | 0.106951871657754 | 0.839921 |
| 228 | 11 | 28 | 17.629 | 0.123376623376623 | 0.59967 |
| 229 | 11 | 31 | 30.084 | 0.140762463343109 | 0.53468 |
| 230 | 11 | 25 | 6.995 | 0.109090909090909 | 0.764373 |
| 231 | 11 | 26 | 22.693 | 0.129370629370629 | 0.586509 |
| 232 | 11 | 36 | 15.455 | 0.121212121212121 | 0.648383 |
| 233 | 11 | 23 | 4.654 | 0.106719367588933 | 0.783191 |
| 234 | 11 | 33 | 5.923 | 0.104683195592287 | 0.734694 |
| 235 | 11 | 30 | 14.245 | 0.124242424242424 | 0.610298 |
| 236 | 11 | 23 | 12.628 | 0.122529644268775 | 0.682565 |
| 237 | 11 | 17 | 15.271 | 0.13903743315508 | 0.658236 |
| 238 | 11 | 22 | 2.622 | 0.107438016528926 | 0.776552 |
| 239 | 11 | 23 | 10.985 | 0.114624505928854 | 0.716939 |
| 240 | 11 | 21 | 23.239 | 0.134199134199134 | 0.583718 |
| 241 | 11 | 20 | 4.898 | 0.109090909090909 | 0.803745 |
| 242 | 11 | 19 | 7.19 | 0.105263157894737 | 0.737533 |
| 243 | 11 | 22 | 5.653 | 0.107438016528926 | 0.752888 |
| 244 | 11 | 30 | 13.189 | 0.115151515151515 | 0.657836 |
| 245 | 11 | 25 | 5.258 | 0.112727272727273 | 0.694002 |
| 246 | 11 | 20 | 10.34 | 0.127272727272727 | 0.688719 |
| 247 | 11 | 16 | 20.857 | 0.147727272727273 | 0.581316 |
| 248 | 11 | 32 | 14.545 | 0.122159090909091 | 0.644619 |
| 249 | 11 | 47 | 7.977 | 0.112185686653772 | 0.704749 |
| 250 | 11 | 15 | 22.875 | 0.151515151515152 | 0.58236 |
| 251 | 11 | 21 | 2.075 | 0.0952380952380952 | 0.81603 |
| 252 | 11 | 23 | 10.801 | 0.122529644268775 | 0.665919 |
| 253 | 11 | 15 | 10.938 | 0.133333333333333 | 0.671437 |
| 254 | 11 | 34 | 10.605 | 0.114973262032086 | 0.71708 |
| 255 | 11 | 22 | 15.851 | 0.128099173553719 | 0.627419 |
| 256 | 11 | 17 | 7.068 | 0.122994652406417 | 0.778764 |
| 257 | 11 | 28 | 9.122 | 0.123376623376623 | 0.691079 |
| 258 | 11 | 39 | 18.174 | 0.125874125874126 | 0.601115 |
| 259 | 11 | 18 | 17.628 | 0.136363636363636 | 0.598028 |
| 260 | 11 | 34 | 7.244 | 0.106951871657754 | 0.724931 |
| 261 | 11 | 20 | 5.578 | 0.113636363636364 | 0.740733 |
| 262 | 11 | 20 | 7.415 | 0.122727272727273 | 0.720103 |
| 263 | 11 | 32 | 18.207 | 0.127840909090909 | 0.614765 |
| 264 | 11 | 17 | 9.599 | 0.122994652406417 | 0.712603 |
| 265 | 11 | 24 | 6.808 | 0.106060606060606 | 0.767784 |
| 266 | 11 | 15 | 10.625 | 0.127272727272727 | 0.675682 |
| 267 | 11 | 27 | 14.388 | 0.131313131313131 | 0.635715 |
| 268 | 11 | 29 | 9.4 | 0.109717868338558 | 0.736258 |
| 269 | 11 | 21 | 11.799 | 0.12987012987013 | 0.661061 |
| 270 | 11 | 40 | 10.564 | 0.111363636363636 | 0.70589 |
| 271 | 11 | 18 | 7.131 | 0.116161616161616 | 0.740958 |
| 272 | 11 | 27 | 4.639 | 0.114478114478114 | 0.726578 |
| 273 | 11 | 17 | 14.311 | 0.144385026737968 | 0.625469 |
| 274 | 11 | 35 | 12.335 | 0.116883116883117 | 0.653771 |
| 275 | 11 | 29 | 26.675 | 0.141065830721003 | 0.544157 |
| 276 | 11 | 17 | 2.094 | 0.101604278074866 | 0.836482 |
| 277 | 11 | 38 | 12.103 | 0.114832535885167 | 0.675721 |
| 278 | 11 | 37 | 21.006 | 0.132678132678133 | 0.562028 |
| 279 | 11 | 16 | 17.81 | 0.136363636363636 | 0.618009 |
| 280 | 11 | 31 | 7.212 | 0.108504398826979 | 0.732584 |
| 281 | 11 | 41 | 15.21 | 0.119733924611973 | 0.63952 |
| 282 | 11 | 24 | 16.969 | 0.109848484848485 | 0.608741 |
| 283 | 11 | 24 | 5.035 | 0.109848484848485 | 0.768062 |
| 284 | 11 | 30 | 18.527 | 0.127272727272727 | 0.58555 |
| 285 | 11 | 24 | 13.615 | 0.125 | 0.655592 |
| 286 | 11 | 33 | 10.669 | 0.104683195592287 | 0.692452 |
| 287 | 11 | 39 | 7.06 | 0.10955710955711 | 0.749137 |
| 288 | 11 | 21 | 2.83 | 0.108225108225108 | 0.795126 |
| 289 | 11 | 25 | 8.826 | 0.12 | 0.718946 |
| 290 | 11 | 24 | 28.679 | 0.140151515151515 | 0.547069 |
| 291 | 11 | 25 | 6.385 | 0.109090909090909 | 0.72882 |
| 292 | 11 | 22 | 10.315 | 0.128099173553719 | 0.666959 |
| 293 | 11 | 30 | 17.534 | 0.127272727272727 | 0.610495 |
| 294 | 11 | 25 | 18.779 | 0.127272727272727 | 0.604846 |
| 295 | 11 | 24 | 2.266 | 0.102272727272727 | 0.803761 |
| 296 | 11 | 15 | 3.75 | 0.121212121212121 | 0.769932 |
| 297 | 11 | 16 | 9.619 | 0.130681818181818 | 0.667244 |
| 298 | 11 | 24 | 3.021 | 0.113636363636364 | 0.726598 |
| 299 | 11 | 19 | 5.088 | 0.114832535885167 | 0.770765 |
| 300 | 11 | 40 | 18.861 | 0.125 | 0.606228 |
| 301 | 11 | 43 | 14.522 | 0.12262156448203 | 0.617069 |
| 302 | 11 | 28 | 23.661 | 0.133116883116883 | 0.550817 |
| 303 | 11 | 29 | 10.521 | 0.119122257053292 | 0.679997 |
| 304 | 11 | 34 | 8.469 | 0.106951871657754 | 0.712434 |
| 305 | 11 | 20 | 3.469 | 0.109090909090909 | 0.815896 |
| 306 | 11 | 40 | 8.008 | 0.109090909090909 | 0.706532 |
| 307 | 11 | 53 | 7.587 | 0.104631217838765 | 0.725003 |
| 308 | 11 | 27 | 18.822 | 0.124579124579125 | 0.560214 |
| 309 | 11 | 18 | 3.365 | 0.106060606060606 | 0.829853 |
| 310 | 11 | 33 | 6.481 | 0.110192837465565 | 0.706183 |
| 311 | 11 | 38 | 15.847 | 0.124401913875598 | 0.645286 |
| 312 | 11 | 28 | 5.985 | 0.11038961038961 | 0.768094 |
| 313 | 11 | 23 | 9.903 | 0.122529644268775 | 0.673203 |
| 314 | 11 | 21 | 11.421 | 0.121212121212121 | 0.675965 |
| 315 | 11 | 15 | 7.708 | 0.127272727272727 | 0.693822 |
| 316 | 11 | 26 | 16.513 | 0.129370629370629 | 0.641293 |
| 317 | 11 | 32 | 14.296 | 0.113636363636364 | 0.659939 |
| 318 | 11 | 21 | 12.516 | 0.125541125541126 | 0.680085 |
| 319 | 11 | 22 | 26.286 | 0.15702479338843 | 0.547054 |
| 320 | 11 | 27 | 11.355 | 0.121212121212121 | 0.659666 |
| 321 | 11 | 27 | 11.975 | 0.124579124579125 | 0.652248 |
| 322 | 11 | 38 | 13.549 | 0.117224880382775 | 0.649255 |
| 323 | 11 | 19 | 3.097 | 0.110047846889952 | 0.791988 |
| 324 | 11 | 40 | 9.896 | 0.106818181818182 | 0.677163 |
| 325 | 11 | 31 | 22.748 | 0.126099706744868 | 0.577561 |
| 326 | 11 | 37 | 11.226 | 0.105651105651106 | 0.684088 |
| 327 | 11 | 14 | 6.393 | 0.12987012987013 | 0.702443 |
| 328 | 11 | 44 | 13.248 | 0.12603305785124 | 0.621554 |
| 329 | 11 | 32 | 4.537 | 0.107954545454545 | 0.723615 |
| 330 | 11 | 17 | 8.551 | 0.117647058823529 | 0.741669 |
| 331 | 11 | 14 | 2.055 | 0.12987012987013 | 0.779938 |
| 332 | 11 | 20 | 8.707 | 0.118181818181818 | 0.72479 |
| 333 | 11 | 29 | 1.952 | 0.100313479623824 | 0.779218 |
| 334 | 11 | 18 | 6.731 | 0.116161616161616 | 0.729614 |
| 335 | 11 | 25 | 5.728 | 0.116363636363636 | 0.693295 |
| 336 | 11 | 17 | 6.545 | 0.128342245989305 | 0.746469 |
| 337 | 11 | 23 | 7.089 | 0.106719367588933 | 0.750271 |
| 338 | 11 | 28 | 21.209 | 0.12012987012987 | 0.583586 |
| 339 | 11 | 21 | 15.723 | 0.134199134199134 | 0.629504 |
| 340 | 11 | 33 | 15.326 | 0.12396694214876 | 0.612789 |
| 341 | 11 | 18 | 10.016 | 0.136363636363636 | 0.670731 |
| 342 | 11 | 30 | 13.019 | 0.112121212121212 | 0.677074 |
| 343 | 11 | 23 | 11.147 | 0.118577075098814 | 0.667719 |
| 344 | 11 | 19 | 12.537 | 0.138755980861244 | 0.645612 |
| 345 | 11 | 22 | 9.761 | 0.119834710743802 | 0.672952 |
| 346 | 11 | 19 | 3.097 | 0.105263157894737 | 0.842895 |
| 347 | 11 | 16 | 2.286 | 0.102272727272727 | 0.839424 |
| 348 | 11 | 24 | 10.272 | 0.106060606060606 | 0.572645 |
| 349 | 11 | 26 | 9.89 | 0.108391608391608 | 0.676314 |
| 350 | 11 | 24 | 13.029 | 0.125 | 0.673036 |
| 351 | 11 | 26 | 5.395 | 0.115384615384615 | 0.701497 |
| 352 | 11 | 28 | 6.582 | 0.11038961038961 | 0.75858 |
| 353 | 11 | 36 | 14.048 | 0.116161616161616 | 0.647389 |
| 354 | 11 | 23 | 25.595 | 0.146245059288538 | 0.571906 |
| 355 | 11 | 17 | 11.344 | 0.13903743315508 | 0.658237 |
| 356 | 11 | 18 | 5.048 | 0.111111111111111 | 0.76026 |
| 357 | 11 | 17 | 7.766 | 0.122994652406417 | 0.703154 |
| 358 | 11 | 36 | 5.62 | 0.106060606060606 | 0.747094 |
| 359 | 11 | 32 | 7.308 | 0.105113636363636 | 0.713589 |
| 360 | 11 | 23 | 11.526 | 0.114624505928854 | 0.668192 |
| 361 | 11 | 14 | 7.877 | 0.136363636363636 | 0.693828 |
| 362 | 11 | 31 | 9.022 | 0.111436950146628 | 0.632904 |
| 363 | 11 | 23 | 21.05 | 0.122529644268775 | 0.585796 |
| 364 | 11 | 19 | 6.858 | 0.114832535885167 | 0.727366 |
| 365 | 11 | 22 | 7.08 | 0.115702479338843 | 0.709122 |
| 366 | 11 | 29 | 4.953 | 0.103448275862069 | 0.770357 |
| 367 | 11 | 17 | 6.021 | 0.122994652406417 | 0.757972 |
| 368 | 11 | 34 | 5.503 | 0.109625668449198 | 0.744131 |
| 369 | 11 | 20 | 14.803 | 0.136363636363636 | 0.613283 |
| 370 | 11 | 21 | 1.887 | 0.0995670995670996 | 0.824114 |
| 371 | 11 | 34 | 8.532 | 0.112299465240642 | 0.738595 |
| 372 | 11 | 30 | 15.916 | 0.133333333333333 | 0.608424 |
| 373 | 11 | 36 | 11.091 | 0.121212121212121 | 0.664439 |
| 374 | 11 | 16 | 16.762 | 0.147727272727273 | 0.597592 |
| 375 | 11 | 37 | 11.629 | 0.110565110565111 | 0.682899 |
| 376 | 11 | 20 | 7.211 | 0.113636363636364 | 0.727934 |
| 377 | 11 | 27 | 14.429 | 0.124579124579125 | 0.633253 |
| 378 | 11 | 15 | 3.125 | 0.115151515151515 | 0.792174 |
| 379 | 11 | 22 | 5.245 | 0.115702479338843 | 0.757587 |
| 380 | 11 | 32 | 11.391 | 0.119318181818182 | 0.67681 |
| 381 | 11 | 32 | 20.211 | 0.142045454545455 | 0.565557 |
| 382 | 11 | 20 | 6.463 | 0.109090909090909 | 0.769025 |
| 383 | 11 | 12 | 8.678 | 0.136363636363636 | 0.651187 |
| 384 | 11 | 25 | 1.127 | 0.0945454545454545 | 0.721817 |
| 385 | 11 | 25 | 0.845 | 0.0945454545454545 | 0.860855 |
| 386 | 11 | 21 | 5.786 | 0.108225108225108 | 0.747129 |
| 387 | 11 | 28 | 12.325 | 0.113636363636364 | 0.661979 |
| 388 | 11 | 21 | 4.528 | 0.108225108225108 | 0.822324 |
| 389 | 11 | 19 | 6.563 | 0.114832535885167 | 0.732575 |
| 390 | 11 | 38 | 12.819 | 0.11244019138756 | 0.681242 |
| 391 | 11 | 23 | 16.775 | 0.134387351778656 | 0.646142 |
| 392 | 11 | 32 | 3.333 | 0.110795454545455 | 0.722485 |
| 393 | 11 | 32 | 12.916 | 0.113636363636364 | 0.665564 |
| 394 | 11 | 18 | 11.378 | 0.131313131313131 | 0.661191 |
| 395 | 11 | 26 | 12.149 | 0.122377622377622 | 0.676677 |
| 396 | 11 | 16 | 9.429 | 0.130681818181818 | 0.725842 |
| 397 | 11 | 38 | 13.444 | 0.12200956937799 | 0.661228 |
| 398 | 11 | 27 | 0.985 | 0.0976430976430976 | 0.768053 |
| 399 | 11 | 24 | 14.915 | 0.128787878787879 | 0.631436 |
| 400 | 11 | 20 | 31.503 | 0.154545454545455 | 0.521586 |
| 401 | 11 | 32 | 2.662 | 0.0965909090909091 | 0.754247 |
| 402 | 11 | 33 | 3.831 | 0.107438016528926 | 0.73563 |
| 403 | 11 | 19 | 12.611 | 0.133971291866029 | 0.673417 |
| 404 | 11 | 34 | 14.803 | 0.120320855614973 | 0.636983 |
| 405 | 11 | 27 | 5.049 | 0.0976430976430976 | 0.768054 |
| 406 | 11 | 18 | 7.853 | 0.131313131313131 | 0.690774 |
| 407 | 11 | 14 | 8.219 | 0.136363636363636 | 0.700628 |
| 408 | 11 | 28 | 16.52 | 0.133116883116883 | 0.597809 |
| 409 | 11 | 19 | 7.965 | 0.119617224880383 | 0.748737 |
| 410 | 11 | 33 | 10.818 | 0.118457300275482 | 0.68139 |
| 411 | 11 | 28 | 3.888 | 0.113636363636364 | 0.676673 |
| 412 | 11 | 30 | 9.626 | 0.115151515151515 | 0.702154 |
| 413 | 11 | 42 | 11.33 | 0.112554112554113 | 0.655266 |
| 414 | 11 | 24 | 8.661 | 0.117424242424242 | 0.739789 |
| 415 | 11 | 15 | 5.625 | 0.121212121212121 | 0.814932 |
| 416 | 11 | 38 | 18.8 | 0.133971291866029 | 0.585734 |
| 417 | 11 | 21 | 5.22 | 0.112554112554113 | 0.746974 |
| 418 | 11 | 41 | 17.186 | 0.124168514412417 | 0.588597 |
| 419 | 11 | 16 | 13.238 | 0.130681818181818 | 0.671024 |
| 420 | 11 | 31 | 5.385 | 0.114369501466276 | 0.72117 |
| 421 | 11 | 29 | 12.617 | 0.119122257053292 | 0.614902 |
| 422 | 11 | 21 | 7.956 | 0.112554112554113 | 0.746975 |
| 423 | 11 | 18 | 9.135 | 0.121212121212121 | 0.704803 |
| 424 | 11 | 33 | 12.946 | 0.126721763085399 | 0.645506 |
| 425 | 11 | 29 | 7.339 | 0.106583072100313 | 0.672077 |
| 426 | 11 | 30 | 21.913 | 0.139393939393939 | 0.595418 |
| 427 | 11 | 19 | 1.327 | 0.100478468899522 | 0.861591 |
| 428 | 11 | 27 | 4.639 | 0.107744107744108 | 0.702081 |
| 429 | 11 | 26 | 0.526 | 0.0979020979020979 | 0.854503 |
| 430 | 11 | 28 | 0.808 | 0.0941558441558442 | 0.768051 |
| 431 | 11 | 11 | 16.818 | 0.165289256198347 | 0.579965 |
| 432 | 11 | 28 | 7.929 | 0.116883116883117 | 0.712129 |
| 433 | 11 | 8 | 15.06 | 0.159090909090909 | 0.622409 |
| 434 | 11 | 15 | 8.75 | 0.127272727272727 | 0.743705 |
| 435 | 11 | 23 | 8.604 | 0.118577075098814 | 0.723273 |
| 436 | 11 | 17 | 34.162 | 0.171122994652406 | 0.485317 |
| 437 | 11 | 22 | 3.234 | 0.103305785123967 | 0.799921 |
| 438 | 11 | 15 | 16.562 | 0.133333333333333 | 0.642512 |
| 439 | 11 | 21 | 11.459 | 0.134199134199134 | 0.672164 |
| 440 | 11 | 16 | 15.286 | 0.136363636363636 | 0.657935 |
| 441 | 11 | 15 | 16.771 | 0.139393939393939 | 0.648342 |
| 442 | 11 | 22 | 15.338 | 0.132231404958678 | 0.652292 |
| 443 | 11 | 24 | 4.441 | 0.102272727272727 | 0.801019 |
| 444 | 11 | 32 | 20.72 | 0.127840909090909 | 0.590569 |
| 445 | 11 | 27 | 12.694 | 0.124579124579125 | 0.63983 |
| 446 | 11 | 26 | 7.675 | 0.111888111888112 | 0.736261 |
| 447 | 11 | 30 | 8.741 | 0.112121212121212 | 0.720168 |
| 448 | 11 | 11 | 10 | 0.132231404958678 | 0.714787 |
| 449 | 11 | 17 | 6.195 | 0.117647058823529 | 0.739606 |
| 450 | 11 | 19 | 5.015 | 0.110047846889952 | 0.767414 |
| 451 | 11 | 29 | 13.16 | 0.112852664576803 | 0.681266 |
| 452 | 11 | 32 | 10.375 | 0.119318181818182 | 0.674545 |
| 453 | 11 | 15 | 2.5 | 0.121212121212121 | 0.764937 |
| 454 | 11 | 12 | 20.11 | 0.151515151515152 | 0.627454 |
| 455 | 11 | 38 | 5.373 | 0.110047846889952 | 0.737169 |
| 456 | 11 | 16 | 5.714 | 0.113636363636364 | 0.739936 |
| 457 | 11 | 31 | 10.897 | 0.114369501466276 | 0.693559 |
| 458 | 11 | 27 | 26.076 | 0.154882154882155 | 0.502329 |
| 459 | 11 | 19 | 11.726 | 0.124401913875598 | 0.668585 |
| 460 | 11 | 25 | 6.761 | 0.101818181818182 | 0.719316 |
| 461 | 11 | 33 | 22.732 | 0.137741046831956 | 0.577555 |
| 462 | 11 | 31 | 17.462 | 0.129032258064516 | 0.614103 |
| 463 | 11 | 12 | 12.672 | 0.136363636363636 | 0.672788 |
| 464 | 11 | 26 | 17.577 | 0.132867132867133 | 0.607982 |
| 465 | 11 | 39 | 12.207 | 0.123543123543124 | 0.623299 |
| 466 | 11 | 35 | 11.223 | 0.106493506493506 | 0.681077 |
| 467 | 11 | 29 | 6.652 | 0.100313479623824 | 0.699147 |
| 468 | 11 | 19 | 4.646 | 0.110047846889952 | 0.790098 |
| 469 | 11 | 9 | 9.89 | 0.151515151515152 | 0.737728 |
| 470 | 11 | 27 | 1.478 | 0.101010101010101 | 0.771033 |
| 471 | 11 | 17 | 6.195 | 0.112299465240642 | 0.739162 |
| 472 | 11 | 22 | 15.006 | 0.128099173553719 | 0.619092 |
| 473 | 11 | 20 | 6.054 | 0.113636363636364 | 0.761533 |
| 474 | 11 | 16 | 15.095 | 0.136363636363636 | 0.656199 |
| 475 | 11 | 25 | 16.62 | 0.123636363636364 | 0.650462 |
| 476 | 11 | 22 | 7.517 | 0.107438016528926 | 0.732178 |
| 477 | 11 | 35 | 2.954 | 0.103896103896104 | 0.771799 |
| 478 | 11 | 25 | 6.291 | 0.101818181818182 | 0.767782 |
| 479 | 11 | 28 | 17.123 | 0.12987012987013 | 0.620574 |
| 480 | 11 | 18 | 5.128 | 0.106060606060606 | 0.770903 |
| 481 | 11 | 33 | 6.737 | 0.110192837465565 | 0.678687 |
| 482 | 11 | 19 | 13.422 | 0.129186602870813 | 0.65564 |
| 483 | 11 | 25 | 6.831 | 0.112727272727273 | 0.778287 |
| 484 | 11 | 26 | 8.702 | 0.115384615384615 | 0.733635 |
| 485 | 11 | 27 | 19.068 | 0.141414141414141 | 0.544746 |
| 486 | 11 | 14 | 8.904 | 0.136363636363636 | 0.69156 |
| 487 | 11 | 36 | 21.005 | 0.136363636363636 | 0.587061 |
| 488 | 11 | 26 | 11.463 | 0.132867132867133 | 0.664076 |
| 489 | 11 | 24 | 4.079 | 0.106060606060606 | 0.783088 |
| 490 | 11 | 20 | 13.537 | 0.127272727272727 | 0.646631 |
| 491 | 11 | 24 | 23.359 | 0.136363636363636 | 0.593315 |
| 492 | 11 | 24 | 10.775 | 0.121212121212121 | 0.672796 |
| 493 | 11 | 16 | 10.857 | 0.125 | 0.690027 |
| 494 | 11 | 15 | 10.26 | 0.121212121212121 | 0.699943 |
| 495 | 11 | 27 | 3.818 | 0.107744107744108 | 0.711845 |
| 496 | 11 | 25 | 17.606 | 0.123636363636364 | 0.644408 |
| 497 | 11 | 18 | 18.429 | 0.131313131313131 | 0.584272 |
| 498 | 11 | 22 | 7.343 | 0.103305785123967 | 0.710329 |
| 499 | 11 | 25 | 5.681 | 0.116363636363636 | 0.747981 |
| 500 | 11 | 24 | 1.813 | 0.0946969696969697 | 0.831912 |
| 501 | 11 | 34 | 15.506 | 0.117647058823529 | 0.633209 |
| 502 | 11 | 38 | 16.285 | 0.117224880382775 | 0.631764 |
| 503 | 11 | 15 | 4.896 | 0.121212121212121 | 0.764936 |
| 504 | 11 | 25 | 5.634 | 0.112727272727273 | 0.688797 |
| 505 | 11 | 20 | 4.626 | 0.109090909090909 | 0.784648 |
| 506 | 11 | 32 | 10.634 | 0.116477272727273 | 0.663237 |
| 507 | 11 | 22 | 9.557 | 0.119834710743802 | 0.712186 |
| 508 | 11 | 23 | 17.965 | 0.122529644268775 | 0.5629 |
| 509 | 11 | 34 | 12.255 | 0.112299465240642 | 0.667739 |
| 510 | 11 | 26 | 14.211 | 0.118881118881119 | 0.647001 |
| 511 | 11 | 37 | 16.736 | 0.12039312039312 | 0.625518 |
| 512 | 11 | 25 | 6.62 | 0.116363636363636 | 0.717708 |
| 513 | 11 | 12 | 14.463 | 0.151515151515152 | 0.642453 |
| 514 | 11 | 16 | 10.476 | 0.125 | 0.718947 |
| 515 | 11 | 20 | 15.109 | 0.15 | 0.591328 |
| 516 | 11 | 20 | 5.85 | 0.118181818181818 | 0.724788 |
| 517 | 11 | 27 | 10.487 | 0.117845117845118 | 0.684022 |
| 518 | 11 | 21 | 7.17 | 0.112554112554113 | 0.763246 |
| 519 | 11 | 18 | 12.019 | 0.136363636363636 | 0.628213 |
| 520 | 11 | 55 | 12.803 | 0.11900826446281 | 0.6506 |
| 521 | 11 | 15 | 5 | 0.109090909090909 | 0.777706 |
| 522 | 11 | 19 | 7.227 | 0.114832535885167 | 0.763822 |
| 523 | 11 | 14 | 9.075 | 0.142857142857143 | 0.663173 |
| 524 | 11 | 24 | 6.395 | 0.106060606060606 | 0.770334 |
| 525 | 11 | 13 | 14.662 | 0.146853146853147 | 0.614471 |
| 526 | 11 | 38 | 17.874 | 0.124401913875598 | 0.624579 |
| 527 | 11 | 33 | 9.779 | 0.112947658402204 | 0.722719 |
| 528 | 11 | 16 | 2.857 | 0.107954545454545 | 0.819868 |
| 529 | 11 | 34 | 13.939 | 0.120320855614973 | 0.656239 |
| 530 | 11 | 20 | 8.231 | 0.118181818181818 | 0.726267 |
| 531 | 11 | 26 | 11.009 | 0.118881118881119 | 0.715336 |
| 532 | 11 | 24 | 12.322 | 0.117424242424242 | 0.637821 |
| 533 | 11 | 40 | 13.934 | 0.115909090909091 | 0.644308 |
| 534 | 11 | 31 | 18.712 | 0.126099706744868 | 0.58297 |
| 535 | 11 | 30 | 4.02 | 0.103030303030303 | 0.775875 |
| 536 | 11 | 24 | 7.452 | 0.113636363636364 | 0.725491 |
| 537 | 11 | 13 | 4.511 | 0.125874125874126 | 0.734505 |
| 538 | 11 | 19 | 19.801 | 0.143540669856459 | 0.586623 |
| 539 | 11 | 20 | 15.578 | 0.122727272727273 | 0.676211 |
| 540 | 11 | 25 | 5.775 | 0.112727272727273 | 0.766841 |
| 541 | 11 | 23 | 9.102 | 0.118577075098814 | 0.704383 |
| 542 | 11 | 37 | 10.979 | 0.12039312039312 | 0.658832 |
| 543 | 11 | 17 | 8.901 | 0.122994652406417 | 0.761752 |
| 544 | 11 | 12 | 4.959 | 0.136363636363636 | 0.678962 |
| 545 | 11 | 25 | 20.047 | 0.127272727272727 | 0.590968 |
| 546 | 11 | 30 | 7.823 | 0.121212121212121 | 0.63619 |
| 547 | 11 | 27 | 17.857 | 0.124579124579125 | 0.60185 |
| 548 | 11 | 23 | 9.848 | 0.118577075098814 | 0.681052 |
| 549 | 11 | 30 | 23.596 | 0.13030303030303 | 0.568368 |
| 550 | 11 | 11 | 5 | 0.12396694214876 | 0.737718 |
| 551 | 11 | 32 | 8.772 | 0.113636363636364 | 0.706186 |
| 552 | 11 | 32 | 6.801 | 0.107954545454545 | 0.713921 |
| 553 | 11 | 29 | 19.481 | 0.122257053291536 | 0.606126 |
| 554 | 11 | 24 | 15.545 | 0.132575757575758 | 0.643216 |
| 555 | 11 | 29 | 21.246 | 0.134796238244514 | 0.583513 |
| 556 | 11 | 9 | 10.989 | 0.161616161616162 | 0.644491 |
| 557 | 11 | 12 | 6.612 | 0.128787878787879 | 0.750806 |
| 558 | 11 | 24 | 9.668 | 0.128787878787879 | 0.646143 |
| 559 | 11 | 24 | 8.648 | 0.109848484848485 | 0.707424 |
| 560 | 11 | 31 | 9.301 | 0.114369501466276 | 0.707366 |
| 561 | 11 | 16 | 13.429 | 0.147727272727273 | 0.656759 |
| 562 | 11 | 23 | 15.639 | 0.134387351778656 | 0.624519 |
| 563 | 11 | 39 | 17.5 | 0.135198135198135 | 0.601025 |
| 564 | 11 | 25 | 3.099 | 0.12 | 0.717107 |
| 565 | 11 | 25 | 22.679 | 0.145454545454545 | 0.562459 |
| 566 | 11 | 16 | 18.095 | 0.142045454545455 | 0.625555 |
| 567 | 11 | 13 | 11.905 | 0.132867132867133 | 0.706317 |
| 568 | 11 | 43 | 21.399 | 0.126849894291755 | 0.580786 |
| 569 | 11 | 30 | 31.103 | 0.139393939393939 | 0.516501 |
| 570 | 11 | 26 | 16.886 | 0.118881118881119 | 0.612402 |
| 571 | 11 | 19 | 3.319 | 0.105263157894737 | 0.793314 |
| 572 | 11 | 16 | 9.333 | 0.125 | 0.721017 |
| 573 | 11 | 25 | 13.286 | 0.112727272727273 | 0.649262 |
| 574 | 11 | 45 | 16.454 | 0.121212121212121 | 0.60856 |
| 575 | 11 | 18 | 4.087 | 0.111111111111111 | 0.797449 |
| 576 | 11 | 15 | 7.812 | 0.115151515151515 | 0.711849 |
| 577 | 11 | 40 | 10.845 | 0.115909090909091 | 0.672371 |
| 578 | 11 | 23 | 14.123 | 0.122529644268775 | 0.645104 |
| 579 | 11 | 31 | 12.212 | 0.111436950146628 | 0.6239 |
| 580 | 11 | 21 | 14.969 | 0.12987012987013 | 0.63217 |
| 581 | 11 | 33 | 14.598 | 0.126721763085399 | 0.625656 |
| 582 | 11 | 24 | 11.984 | 0.117424242424242 | 0.694006 |
| 583 | 11 | 22 | 10.831 | 0.119834710743802 | 0.696729 |
| 584 | 11 | 26 | 11.93 | 0.115384615384615 | 0.689562 |
| 585 | 11 | 49 | 17.39 | 0.122448979591837 | 0.616797 |
| 586 | 11 | 23 | 4.383 | 0.114624505928854 | 0.764499 |
| 587 | 11 | 21 | 16.415 | 0.121212121212121 | 0.59178 |
| 588 | 11 | 39 | 12.332 | 0.114219114219114 | 0.666745 |
| 589 | 11 | 9 | 14.835 | 0.161616161616162 | 0.597619 |
| 590 | 11 | 40 | 2.814 | 0.1 | 0.749922 |
| 591 | 11 | 14 | 2.055 | 0.11038961038961 | 0.781938 |
| 592 | 11 | 29 | 19.562 | 0.125391849529781 | 0.633695 |
| 593 | 11 | 14 | 18.836 | 0.142857142857143 | 0.630117 |
| 594 | 11 | 32 | 9.256 | 0.105113636363636 | 0.675609 |
| 595 | 11 | 35 | 4.839 | 0.103896103896104 | 0.71993 |
| 596 | 11 | 37 | 16.093 | 0.122850122850123 | 0.593548 |
| 597 | 11 | 33 | 20.897 | 0.129476584022039 | 0.601581 |
| 598 | 11 | 23 | 11.12 | 0.122529644268775 | 0.71586 |
| 599 | 11 | 44 | 17.126 | 0.12396694214876 | 0.577173 |
| 600 | 11 | 34 | 11.248 | 0.106951871657754 | 0.657437 |
| 601 | 11 | 37 | 10.242 | 0.117936117936118 | 0.670082 |
| 602 | 11 | 17 | 19.197 | 0.13903743315508 | 0.624212 |
| 603 | 11 | 14 | 10.274 | 0.136363636363636 | 0.65301 |
| 604 | 11 | 25 | 20.16 | 0.127272727272727 | 0.596686 |
| 605 | 11 | 28 | 13.455 | 0.12012987012987 | 0.666854 |
| 606 | 11 | 16 | 6.286 | 0.113636363636364 | 0.734934 |
| 607 | 11 | 23 | 3.409 | 0.106719367588933 | 0.781818 |
| 608 | 11 | 31 | 21.538 | 0.134897360703812 | 0.592581 |
| 609 | 11 | 27 | 3.202 | 0.107744107744108 | 0.744069 |
| 610 | 11 | 13 | 5.639 | 0.118881118881119 | 0.778481 |
| 611 | 11 | 30 | 9.237 | 0.109090909090909 | 0.691293 |
| 612 | 11 | 25 | 7.394 | 0.12 | 0.716193 |
| 613 | 11 | 27 | 15.066 | 0.114478114478114 | 0.564822 |
| 614 | 11 | 19 | 9.956 | 0.129186602870813 | 0.72971 |
| 615 | 11 | 30 | 2.347 | 0.103030303030303 | 0.766359 |
| 616 | 11 | 17 | 8.901 | 0.128342245989305 | 0.71869 |
| 617 | 11 | 24 | 9.013 | 0.113636363636364 | 0.725489 |
| 618 | 11 | 24 | 15.509 | 0.113636363636364 | 0.637718 |
| 619 | 11 | 20 | 2.653 | 0.113636363636364 | 0.788731 |
| 620 | 11 | 31 | 12.319 | 0.120234604105572 | 0.670375 |
| 621 | 11 | 19 | 7.965 | 0.114832535885167 | 0.703063 |
| 622 | 11 | 33 | 18.568 | 0.115702479338843 | 0.604253 |
| 623 | 11 | 13 | 6.266 | 0.132867132867133 | 0.720165 |
| 624 | 11 | 33 | 18.899 | 0.129476584022039 | 0.611991 |
| 625 | 11 | 24 | 6.596 | 0.113636363636364 | 0.765487 |
| 626 | 11 | 28 | 8.001 | 0.11038961038961 | 0.696302 |
| 627 | 11 | 35 | 8.456 | 0.114285714285714 | 0.700351 |
| 628 | 11 | 23 | 15.314 | 0.122529644268775 | 0.590997 |
| 629 | 11 | 32 | 17.82 | 0.122159090909091 | 0.635964 |
| 630 | 11 | 22 | 2.622 | 0.103305785123967 | 0.825519 |
| 631 | 11 | 17 | 8.639 | 0.133689839572193 | 0.673546 |
| 632 | 11 | 21 | 4.465 | 0.112554112554113 | 0.775078 |
| 633 | 11 | 23 | 12.716 | 0.126482213438735 | 0.679631 |
| 634 | 11 | 18 | 4.327 | 0.121212121212121 | 0.746465 |
| 635 | 11 | 30 | 14.507 | 0.13030303030303 | 0.647864 |
| 636 | 11 | 20 | 16.939 | 0.122727272727273 | 0.588421 |
| 637 | 11 | 30 | 16.816 | 0.115151515151515 | 0.607978 |
| 638 | 11 | 21 | 12.107 | 0.138528138528139 | 0.670847 |
| 639 | 11 | 30 | 18.79 | 0.13030303030303 | 0.61001 |
| 640 | 11 | 33 | 12.436 | 0.118457300275482 | 0.677063 |
| 641 | 11 | 21 | 13.308 | 0.134199134199134 | 0.648234 |
| 642 | 11 | 24 | 10.164 | 0.109848484848485 | 0.688401 |
| 643 | 11 | 25 | 16.197 | 0.130909090909091 | 0.607205 |
| 644 | 11 | 24 | 6.093 | 0.106060606060606 | 0.783089 |
| 645 | 11 | 15 | 5.938 | 0.115151515151515 | 0.781094 |
| 646 | 11 | 21 | 5.786 | 0.108225108225108 | 0.782327 |
| 647 | 11 | 22 | 11.189 | 0.111570247933884 | 0.644656 |
| 648 | 11 | 21 | 9.874 | 0.134199134199134 | 0.663842 |
| 649 | 11 | 34 | 2.665 | 0.101604278074866 | 0.760312 |
| 650 | 11 | 26 | 14.17 | 0.122377622377622 | 0.64158 |
| 651 | 11 | 22 | 12.354 | 0.12396694214876 | 0.646612 |
| 652 | 11 | 29 | 7.14 | 0.106583072100313 | 0.751659 |
| 653 | 11 | 25 | 13.749 | 0.123636363636364 | 0.65825 |
| 654 | 11 | 29 | 16.717 | 0.119122257053292 | 0.637061 |
| 655 | 11 | 21 | 9.182 | 0.112554112554113 | 0.695201 |
| 656 | 11 | 21 | 25.162 | 0.155844155844156 | 0.549344 |
| 657 | 11 | 25 | 0 | 0.0981818181818182 | 0.759866 |
| 658 | 11 | 20 | 12.857 | 0.127272727272727 | 0.668315 |
| 659 | 11 | 18 | 14.679 | 0.146464646464646 | 0.626591 |
| 660 | 11 | 22 | 14.569 | 0.132231404958678 | 0.670846 |
| 661 | 11 | 22 | 7.11 | 0.12396694214876 | 0.686611 |
| 662 | 11 | 13 | 8.271 | 0.13986013986014 | 0.707448 |
| 663 | 11 | 28 | 8.162 | 0.11038961038961 | 0.730902 |
| 664 | 11 | 25 | 14.742 | 0.123636363636364 | 0.632296 |
| 665 | 11 | 12 | 13.223 | 0.143939393939394 | 0.72294 |
| 666 | 11 | 28 | 24.438 | 0.146103896103896 | 0.557488 |
| 667 | 11 | 24 | 1.208 | 0.0984848484848485 | 0.810568 |
| 668 | 11 | 28 | 13.241 | 0.123376623376623 | 0.668916 |
| 669 | 11 | 14 | 4.11 | 0.11038961038961 | 0.795774 |
| 670 | 11 | 13 | 2.256 | 0.111888111888112 | 0.820238 |
| 671 | 11 | 19 | 1.77 | 0.100478468899522 | 0.829849 |
| 672 | 11 | 11 | 6.364 | 0.132231404958678 | 0.769472 |
| 673 | 11 | 23 | 6.277 | 0.106719367588933 | 0.754387 |
| 674 | 11 | 30 | 6.537 | 0.106060606060606 | 0.732174 |
| 675 | 11 | 21 | 2.83 | 0.103896103896104 | 0.798534 |
| 676 | 11 | 16 | 4.857 | 0.113636363636364 | 0.799929 |
| 677 | 11 | 34 | 13.206 | 0.114973262032086 | 0.639745 |
| 678 | 11 | 29 | 12.209 | 0.103448275862069 | 0.653746 |
| 679 | 11 | 30 | 29.232 | 0.136363636363636 | 0.537241 |
| 680 | 11 | 37 | 18.183 | 0.122850122850123 | 0.588749 |
| 681 | 11 | 42 | 17.849 | 0.132034632034632 | 0.602746 |
| 682 | 11 | 12 | 15.083 | 0.159090909090909 | 0.587265 |
| 683 | 11 | 25 | 6.404 | 0.112727272727273 | 0.723141 |
| 684 | 11 | 14 | 8.219 | 0.12987012987013 | 0.677449 |
| 685 | 11 | 14 | 12.785 | 0.142857142857143 | 0.652846 |
| 686 | 11 | 31 | 9.808 | 0.114369501466276 | 0.674494 |
| 687 | 11 | 25 | 14.707 | 0.12 | 0.671201 |
| 688 | 11 | 19 | 13.975 | 0.143540669856459 | 0.625509 |
| 689 | 11 | 15 | 2.188 | 0.115151515151515 | 0.786632 |
| 690 | 11 | 32 | 8.203 | 0.102272727272727 | 0.718293 |
| 691 | 11 | 19 | 4.204 | 0.110047846889952 | 0.788205 |
| 692 | 11 | 21 | 5.786 | 0.108225108225108 | 0.772727 |
| 693 | 11 | 30 | 17.245 | 0.127272727272727 | 0.61106 |
| 694 | 11 | 29 | 4.23 | 0.115987460815047 | 0.711402 |
| 695 | 11 | 26 | 6.974 | 0.115384615384615 | 0.715269 |
| 696 | 11 | 36 | 2.092 | 0.0984848484848485 | 0.841466 |
| 697 | 11 | 26 | 6.14 | 0.111888111888112 | 0.752861 |
| 698 | 11 | 28 | 9.584 | 0.11038961038961 | 0.621046 |
| 699 | 11 | 15 | 7.5 | 0.121212121212121 | 0.739938 |
| 700 | 11 | 22 | 13.112 | 0.12396694214876 | 0.673277 |
| 701 | 11 | 17 | 18.202 | 0.149732620320856 | 0.577767 |
| 702 | 11 | 23 | 9.686 | 0.130434782608696 | 0.661105 |
| 703 | 11 | 30 | 0 | 0.0939393939393939 | 0.797001 |
| 704 | 11 | 28 | 15.454 | 0.116883116883117 | 0.615684 |
| 705 | 11 | 33 | 8.462 | 0.104683195592287 | 0.693837 |
| 706 | 11 | 28 | 12.119 | 0.12012987012987 | 0.677808 |
| 707 | 11 | 19 | 15.863 | 0.143540669856459 | 0.604402 |
| 708 | 11 | 24 | 7.654 | 0.113636363636364 | 0.741047 |
| 709 | 11 | 44 | 16.569 | 0.121900826446281 | 0.582543 |
| 710 | 11 | 27 | 14.937 | 0.117845117845118 | 0.650554 |
| 711 | 11 | 24 | 3.122 | 0.117424242424242 | 0.752274 |
| 712 | 11 | 39 | 16.894 | 0.128205128205128 | 0.620446 |
| 713 | 11 | 29 | 31.058 | 0.141065830721003 | 0.517488 |
| 714 | 11 | 29 | 21.049 | 0.13166144200627 | 0.582151 |
| 715 | 11 | 18 | 10.497 | 0.131313131313131 | 0.702607 |
| 716 | 11 | 37 | 21.059 | 0.122850122850123 | 0.58675 |
| 717 | 11 | 32 | 16.316 | 0.116477272727273 | 0.65253 |
| 718 | 11 | 28 | 6.236 | 0.107142857142857 | 0.732714 |
| 719 | 11 | 15 | 17.292 | 0.145454545454545 | 0.60412 |
| 720 | 11 | 19 | 7.006 | 0.119617224880383 | 0.727939 |
| 721 | 11 | 27 | 17.077 | 0.117845117845118 | 0.613819 |
| 722 | 11 | 22 | 6.061 | 0.103305785123967 | 0.763126 |
| 723 | 11 | 30 | 14.531 | 0.124242424242424 | 0.654912 |
| 724 | 11 | 27 | 21.5 | 0.127946127946128 | 0.608674 |
| 725 | 11 | 18 | 4.567 | 0.111111111111111 | 0.811909 |
| 726 | 11 | 15 | 13.333 | 0.133333333333333 | 0.68383 |
| 727 | 11 | 15 | 3.75 | 0.115151515151515 | 0.786632 |
| 728 | 11 | 24 | 9.97 | 0.125 | 0.687729 |
| 729 | 11 | 31 | 6.141 | 0.105571847507331 | 0.724466 |
| 730 | 11 | 20 | 10.986 | 0.127272727272727 | 0.686169 |
| 731 | 11 | 30 | 12.286 | 0.109090909090909 | 0.658891 |
| 732 | 11 | 27 | 16.133 | 0.117845117845118 | 0.633411 |
| 733 | 11 | 14 | 1.37 | 0.11038961038961 | 0.844213 |
| 734 | 11 | 16 | 10.857 | 0.119318181818182 | 0.70062 |
| 735 | 11 | 14 | 0 | 0.103896103896104 | 0.851479 |
| 736 | 11 | 27 | 8.662 | 0.111111111111111 | 0.74557 |
| 737 | 11 | 18 | 6.587 | 0.116161616161616 | 0.746625 |
| 738 | 11 | 16 | 5.257 | 0.119318181818182 | 0.757303 |
| 739 | 11 | 14 | 18.037 | 0.142857142857143 | 0.597063 |
| 740 | 11 | 21 | 13.679 | 0.134199134199134 | 0.635745 |
| 741 | 11 | 15 | 17.708 | 0.145454545454545 | 0.630163 |
| 742 | 11 | 25 | 17.129 | 0.145454545454545 | 0.591833 |
| 743 | 11 | 33 | 20.773 | 0.129476584022039 | 0.594791 |
| 744 | 11 | 32 | 15.886 | 0.122159090909091 | 0.631098 |
| 745 | 11 | 36 | 9.903 | 0.118686868686869 | 0.684413 |
| 746 | 11 | 23 | 15.909 | 0.110671936758893 | 0.604534 |
| 747 | 11 | 27 | 2.217 | 0.107744107744108 | 0.738209 |
| 748 | 11 | 24 | 2.216 | 0.0984848484848485 | 0.834235 |
| 749 | 11 | 33 | 11.221 | 0.115702479338843 | 0.675111 |
| 750 | 11 | 22 | 1.224 | 0.0991735537190083 | 0.833249 |
| 751 | 11 | 38 | 7.283 | 0.11244019138756 | 0.716095 |
| 752 | 11 | 30 | 21.419 | 0.133333333333333 | 0.577949 |
| 753 | 11 | 34 | 19.827 | 0.125668449197861 | 0.614254 |
| 754 | 11 | 36 | 16.533 | 0.116161616161616 | 0.630851 |
| 755 | 11 | 13 | 17.356 | 0.160839160839161 | 0.587866 |
| 756 | 11 | 15 | 5.938 | 0.121212121212121 | 0.749935 |
| 757 | 11 | 30 | 2.041 | 0.103030303030303 | 0.765494 |
| 758 | 11 | 16 | 4 | 0.113636363636364 | 0.757433 |
| 759 | 11 | 35 | 18.314 | 0.132467532467532 | 0.622403 |
| 760 | 11 | 32 | 12.825 | 0.130681818181818 | 0.65543 |
| 761 | 11 | 27 | 7.635 | 0.104377104377104 | 0.739782 |
| 762 | 11 | 28 | 21.978 | 0.12987012987013 | 0.590576 |
| 763 | 11 | 29 | 4.591 | 0.109717868338558 | 0.72891 |
| 764 | 11 | 21 | 5.975 | 0.112554112554113 | 0.772119 |
| 765 | 11 | 31 | 15.408 | 0.126099706744868 | 0.661383 |
| 766 | 11 | 27 | 11.509 | 0.114478114478114 | 0.698899 |
| 767 | 11 | 23 | 22.922 | 0.142292490118577 | 0.551654 |
| 768 | 11 | 32 | 10.035 | 0.107954545454545 | 0.691068 |
| 769 | 11 | 36 | 10.728 | 0.108585858585859 | 0.691659 |
| 770 | 11 | 22 | 17.408 | 0.132231404958678 | 0.614208 |
| 771 | 11 | 21 | 12.83 | 0.125541125541126 | 0.642039 |
| 772 | 11 | 13 | 4.511 | 0.125874125874126 | 0.771542 |
| 773 | 11 | 48 | 11.544 | 0.117424242424242 | 0.676319 |
| 774 | 11 | 24 | 13.444 | 0.109848484848485 | 0.638463 |
| 775 | 11 | 33 | 4.331 | 0.107438016528926 | 0.74812 |
| 776 | 11 | 32 | 16.558 | 0.116477272727273 | 0.60494 |
| 777 | 11 | 32 | 16.649 | 0.119318181818182 | 0.638264 |
| 778 | 11 | 16 | 15.524 | 0.147727272727273 | 0.621258 |
| 779 | 11 | 42 | 13.858 | 0.119047619047619 | 0.647218 |
| 780 | 11 | 13 | 13.158 | 0.146853146853147 | 0.668888 |
| 781 | 11 | 35 | 7.915 | 0.103896103896104 | 0.731804 |
| 782 | 11 | 20 | 12.007 | 0.127272727272727 | 0.711677 |
| 783 | 11 | 27 | 4.885 | 0.104377104377104 | 0.775158 |
| 784 | 11 | 31 | 5.369 | 0.117302052785924 | 0.720561 |
| 785 | 11 | 26 | 10.044 | 0.118881118881119 | 0.698902 |
| 786 | 11 | 42 | 10.121 | 0.108225108225108 | 0.696335 |
| 787 | 11 | 24 | 10.624 | 0.121212121212121 | 0.662055 |
| 788 | 11 | 21 | 19.654 | 0.134199134199134 | 0.632623 |
| 789 | 11 | 17 | 9.25 | 0.133689839572193 | 0.67835 |
| 790 | 11 | 14 | 4.11 | 0.11038961038961 | 0.830374 |
| 791 | 11 | 43 | 17.978 | 0.124735729386892 | 0.617587 |
| 792 | 11 | 17 | 12.216 | 0.128342245989305 | 0.664878 |
| 793 | 11 | 21 | 18.378 | 0.134199134199134 | 0.621179 |
| 794 | 11 | 12 | 1.653 | 0.113636363636364 | 0.786597 |
| 795 | 11 | 25 | 14.014 | 0.116363636363636 | 0.629823 |
| 796 | 11 | 24 | 8.006 | 0.117424242424242 | 0.74083 |
| 797 | 11 | 22 | 16.142 | 0.12396694214876 | 0.625499 |
| 798 | 11 | 29 | 2.278 | 0.100313479623824 | 0.818277 |
| 799 | 11 | 30 | 10.993 | 0.109090909090909 | 0.661973 |
| 800 | 11 | 20 | 8.63 | 0.118181818181818 | 0.696682 |
| 801 | 11 | 17 | 8.988 | 0.117647058823529 | 0.72721 |
| 802 | 11 | 18 | 14.343 | 0.126262626262626 | 0.670345 |
| 803 | 11 | 19 | 16.888 | 0.133971291866029 | 0.630053 |
| 804 | 11 | 23 | 13.052 | 0.118577075098814 | 0.693273 |
| 805 | 11 | 25 | 6.197 | 0.105454545454545 | 0.74309 |
| 806 | 11 | 16 | 1.143 | 0.0965909090909091 | 0.878802 |
| 807 | 11 | 31 | 21.221 | 0.12316715542522 | 0.589517 |
| 808 | 11 | 20 | 4.218 | 0.109090909090909 | 0.781177 |
| 809 | 11 | 35 | 7.113 | 0.111688311688312 | 0.723567 |
| 810 | 11 | 21 | 12.673 | 0.121212121212121 | 0.656829 |
| 811 | 11 | 33 | 20.835 | 0.134986225895317 | 0.583045 |
| 812 | 11 | 21 | 17.893 | 0.134199134199134 | 0.630543 |
| 813 | 11 | 32 | 9.952 | 0.107954545454545 | 0.713921 |
| 814 | 11 | 37 | 27.663 | 0.135135135135135 | 0.527231 |
| 815 | 11 | 47 | 9.192 | 0.106382978723404 | 0.643574 |
| 816 | 11 | 38 | 4.222 | 0.102870813397129 | 0.748439 |
| 817 | 11 | 26 | 1.579 | 0.101398601398601 | 0.738332 |
| 818 | 11 | 28 | 17.453 | 0.123376623376623 | 0.62737 |
| 819 | 11 | 25 | 3.099 | 0.101818181818182 | 0.793289 |
| 820 | 11 | 35 | 13.597 | 0.116883116883117 | 0.611304 |
| 821 | 11 | 33 | 15.48 | 0.129476584022039 | 0.582116 |
| 822 | 11 | 29 | 3.218 | 0.109717868338558 | 0.730543 |
| 823 | 11 | 17 | 10.908 | 0.122994652406417 | 0.729616 |
| 824 | 11 | 31 | 6.106 | 0.108504398826979 | 0.757417 |
| 825 | 11 | 22 | 12.529 | 0.12396694214876 | 0.664389 |
| 826 | 11 | 33 | 22.141 | 0.132231404958678 | 0.56766 |
| 827 | 11 | 28 | 0.924 | 0.100649350649351 | 0.774114 |
| 828 | 11 | 35 | 19.929 | 0.12987012987013 | 0.593552 |
| 829 | 11 | 34 | 11.87 | 0.120320855614973 | 0.653771 |
| 830 | 11 | 32 | 22.184 | 0.133522727272727 | 0.547264 |
| 831 | 11 | 19 | 11.283 | 0.119617224880383 | 0.663944 |
| 832 | 11 | 14 | 16.096 | 0.142857142857143 | 0.64458 |
| 833 | 11 | 26 | 1.974 | 0.104895104895105 | 0.802143 |
| 834 | 11 | 14 | 11.986 | 0.123376623376623 | 0.686924 |
| 835 | 11 | 35 | 14.206 | 0.127272727272727 | 0.654255 |
| 836 | 11 | 29 | 19.017 | 0.128526645768025 | 0.622791 |
| 837 | 11 | 27 | 6.979 | 0.114478114478114 | 0.723984 |
| 838 | 11 | 17 | 8.988 | 0.133689839572193 | 0.679948 |
| 839 | 11 | 23 | 15.246 | 0.130434782608696 | 0.643656 |
| 840 | 11 | 27 | 8.99 | 0.117845117845118 | 0.703613 |
| 841 | 11 | 27 | 13.379 | 0.127946127946128 | 0.664073 |
| 842 | 11 | 34 | 13.386 | 0.114973262032086 | 0.650562 |
| 843 | 11 | 25 | 7.615 | 0.112727272727273 | 0.726261 |
| 844 | 11 | 27 | 10.417 | 0.117845117845118 | 0.684021 |
| 845 | 11 | 17 | 7.33 | 0.133689839572193 | 0.726347 |
| 846 | 11 | 19 | 7.67 | 0.110047846889952 | 0.771196 |
| 847 | 11 | 27 | 15.353 | 0.114478114478114 | 0.639214 |
| 848 | 11 | 19 | 1.327 | 0.105263157894737 | 0.818102 |
| 849 | 11 | 12 | 9.917 | 0.136363636363636 | 0.67279 |
| 850 | 11 | 19 | 0.885 | 0.105263157894737 | 0.863553 |
| 851 | 11 | 31 | 23.008 | 0.131964809384164 | 0.577237 |
| 852 | 11 | 21 | 3.208 | 0.103896103896104 | 0.822836 |
| 853 | 11 | 21 | 6.302 | 0.108225108225108 | 0.74873 |
| 854 | 11 | 27 | 12.315 | 0.111111111111111 | 0.635384 |
| 855 | 11 | 23 | 17.235 | 0.134387351778656 | 0.621058 |
| 856 | 11 | 26 | 1.447 | 0.0979020979020979 | 0.851953 |
| 857 | 11 | 26 | 8.399 | 0.115384615384615 | 0.74098 |
| 858 | 11 | 23 | 13.826 | 0.126482213438735 | 0.67475 |
| 859 | 11 | 31 | 11.987 | 0.114369501466276 | 0.648198 |
| 860 | 11 | 19 | 9.956 | 0.124401913875598 | 0.704081 |
| 861 | 11 | 31 | 10.606 | 0.117302052785924 | 0.696189 |
| 862 | 11 | 26 | 5.789 | 0.101398601398601 | 0.769246 |
| 863 | 11 | 33 | 0.858 | 0.0964187327823691 | 0.809711 |
| 864 | 11 | 30 | 24.892 | 0.13030303030303 | 0.568909 |
| 865 | 11 | 27 | 10.858 | 0.111111111111111 | 0.696907 |
| 866 | 11 | 21 | 14.497 | 0.134199134199134 | 0.64199 |
| 867 | 11 | 37 | 12.02 | 0.117936117936118 | 0.685705 |
| 868 | 11 | 13 | 3.383 | 0.118881118881119 | 0.7854 |
| 869 | 11 | 39 | 13.633 | 0.114219114219114 | 0.641755 |
| 870 | 11 | 23 | 13.718 | 0.130434782608696 | 0.633559 |
| 871 | 11 | 20 | 1.429 | 0.104545454545455 | 0.839238 |
| 872 | 11 | 36 | 15.985 | 0.121212121212121 | 0.624078 |
| 873 | 11 | 28 | 19.232 | 0.12987012987013 | 0.608074 |
| 874 | 11 | 22 | 8.887 | 0.140495867768595 | 0.646146 |
| 875 | 11 | 12 | 11.983 | 0.151515151515152 | 0.632458 |
| 876 | 11 | 16 | 4.286 | 0.107954545454545 | 0.76447 |
| 877 | 11 | 26 | 16.539 | 0.132867132867133 | 0.597597 |
| 878 | 11 | 27 | 11.839 | 0.121212121212121 | 0.668922 |
| 879 | 11 | 38 | 23.674 | 0.138755980861244 | 0.525824 |
| 880 | 11 | 15 | 10.833 | 0.139393939393939 | 0.699382 |
| 881 | 11 | 36 | 14.724 | 0.123737373737374 | 0.632183 |
| 882 | 11 | 37 | 7.998 | 0.110565110565111 | 0.723883 |
| 883 | 11 | 12 | 14.876 | 0.151515151515152 | 0.624957 |
| 884 | 11 | 20 | 7.687 | 0.118181818181818 | 0.751414 |
| 885 | 11 | 22 | 10.781 | 0.119834710743802 | 0.690783 |
| 886 | 11 | 22 | 4.487 | 0.103305785123967 | 0.791923 |
| 887 | 11 | 40 | 14.389 | 0.131818181818182 | 0.6248 |
| 888 | 11 | 12 | 3.306 | 0.113636363636364 | 0.808818 |
| 889 | 11 | 28 | 16.089 | 0.123376623376623 | 0.624598 |
| 890 | 11 | 20 | 14.966 | 0.127272727272727 | 0.577752 |
| 891 | 11 | 38 | 15.9 | 0.126794258373206 | 0.628286 |
| 892 | 11 | 15 | 4.062 | 0.109090909090909 | 0.820912 |
| 893 | 11 | 36 | 7.117 | 0.101010101010101 | 0.741802 |
| 894 | 11 | 25 | 12.582 | 0.112727272727273 | 0.632614 |
| 895 | 11 | 27 | 12.972 | 0.114478114478114 | 0.676408 |
| 896 | 11 | 25 | 7.599 | 0.116363636363636 | 0.74798 |
| 897 | 11 | 29 | 3.037 | 0.106583072100313 | 0.749062 |
| 898 | 11 | 20 | 1.429 | 0.1 | 0.851154 |
| 899 | 11 | 23 | 4.545 | 0.114624505928854 | 0.75974 |
| 900 | 11 | 34 | 20.734 | 0.128342245989305 | 0.585022 |
| 901 | 11 | 26 | 14.865 | 0.125874125874126 | 0.646553 |
| 902 | 11 | 30 | 14.886 | 0.121212121212121 | 0.618694 |
| 903 | 11 | 19 | 10.546 | 0.119617224880383 | 0.700739 |
| 904 | 11 | 16 | 23 | 0.147727272727273 | 0.55913 |
| 905 | 11 | 16 | 16.238 | 0.136363636363636 | 0.675294 |
| 906 | 11 | 17 | 4.712 | 0.117647058823529 | 0.694152 |
| 907 | 11 | 24 | 4.834 | 0.113636363636364 | 0.678825 |
| 908 | 11 | 23 | 14.177 | 0.146245059288538 | 0.606239 |
| 909 | 11 | 37 | 14.839 | 0.12039312039312 | 0.629267 |
| 910 | 11 | 31 | 2.628 | 0.102639296187683 | 0.740335 |
| 911 | 11 | 31 | 8.686 | 0.114369501466276 | 0.717885 |
| 912 | 11 | 41 | 13.543 | 0.11529933481153 | 0.651199 |
| 913 | 11 | 29 | 9.774 | 0.119122257053292 | 0.711157 |
| 914 | 11 | 40 | 15.549 | 0.129545454545455 | 0.636759 |
| 915 | 11 | 10 | 10 | 0.136363636363636 | 0.693283 |
| 916 | 11 | 33 | 15.352 | 0.126721763085399 | 0.607228 |
| 917 | 11 | 14 | 12.9 | 0.136363636363636 | 0.684755 |
| 918 | 11 | 25 | 16.056 | 0.123636363636364 | 0.636623 |
| 919 | 11 | 22 | 1.049 | 0.0991735537190083 | 0.850607 |
| 920 | 11 | 18 | 12.26 | 0.131313131313131 | 0.662669 |
| 921 | 11 | 28 | 16.392 | 0.123376623376623 | 0.617677 |
| 922 | 11 | 36 | 5.803 | 0.111111111111111 | 0.724623 |
| 923 | 11 | 27 | 10.92 | 0.117845117845118 | 0.700348 |
| 924 | 11 | 33 | 7.89 | 0.104683195592287 | 0.650211 |
| 925 | 11 | 19 | 9.587 | 0.119617224880383 | 0.718339 |
| 926 | 11 | 33 | 3.431 | 0.104683195592287 | 0.761698 |
| 927 | 11 | 29 | 10.374 | 0.119122257053292 | 0.716695 |
| 928 | 11 | 20 | 11.293 | 0.113636363636364 | 0.678337 |
| 929 | 11 | 25 | 8.216 | 0.109090909090909 | 0.726598 |
| 930 | 11 | 39 | 23.832 | 0.125874125874126 | 0.545909 |
| 931 | 11 | 14 | 5.479 | 0.116883116883117 | 0.771538 |
| 932 | 11 | 18 | 6.971 | 0.111111111111111 | 0.737536 |
| 933 | 11 | 33 | 21.453 | 0.129476584022039 | 0.575779 |
| 934 | 11 | 34 | 7.819 | 0.0989304812834225 | 0.704091 |
| 935 | 11 | 20 | 2.449 | 0.104545454545455 | 0.797653 |
| 936 | 11 | 26 | 19.851 | 0.122377622377622 | 0.604846 |
| 937 | 11 | 32 | 21.887 | 0.127840909090909 | 0.592051 |
| 938 | 11 | 29 | 11.482 | 0.115987460815047 | 0.661736 |
| 939 | 11 | 27 | 19.376 | 0.121212121212121 | 0.570936 |
| 940 | 11 | 29 | 15.401 | 0.119122257053292 | 0.634293 |
| 941 | 11 | 23 | 7.468 | 0.110671936758893 | 0.737178 |
| 942 | 11 | 26 | 13.246 | 0.111888111888112 | 0.629823 |
| 943 | 11 | 29 | 3.796 | 0.106583072100313 | 0.753387 |
| 944 | 11 | 38 | 7.436 | 0.110047846889952 | 0.725359 |
| 945 | 11 | 17 | 12.216 | 0.13903743315508 | 0.671549 |
| 946 | 11 | 21 | 12.004 | 0.125541125541126 | 0.672952 |
| 947 | 11 | 23 | 13.799 | 0.122529644268775 | 0.681523 |
| 948 | 11 | 13 | 3.759 | 0.111888111888112 | 0.796802 |
| 949 | 11 | 23 | 15.341 | 0.126482213438735 | 0.647408 |
| 950 | 11 | 43 | 6.893 | 0.101479915433404 | 0.689167 |
| 951 | 11 | 37 | 5.371 | 0.110565110565111 | 0.735734 |
| 952 | 11 | 33 | 10.223 | 0.115702479338843 | 0.598582 |
| 953 | 11 | 31 | 25.232 | 0.13782991202346 | 0.535042 |
| 954 | 11 | 16 | 18.286 | 0.136363636363636 | 0.623216 |
| 955 | 11 | 15 | 0 | 0.103030303030303 | 0.864967 |
| 956 | 11 | 23 | 9.091 | 0.114624505928854 | 0.701483 |
| 957 | 11 | 22 | 3.613 | 0.0991735537190083 | 0.788114 |
| 958 | 11 | 31 | 6.41 | 0.0997067448680352 | 0.68332 |
| 959 | 11 | 41 | 5.671 | 0.104212860310421 | 0.72786 |
| 960 | 11 | 31 | 12.603 | 0.120234604105572 | 0.668591 |
| 961 | 11 | 19 | 2.655 | 0.110047846889952 | 0.814669 |
| 962 | 11 | 45 | 11.267 | 0.111111111111111 | 0.674648 |
| 963 | 11 | 14 | 2.397 | 0.11038961038961 | 0.771555 |
| 964 | 11 | 24 | 19.084 | 0.136363636363636 | 0.600261 |
| 965 | 11 | 16 | 15.714 | 0.130681818181818 | 0.667241 |
| 966 | 11 | 32 | 19.691 | 0.125 | 0.603773 |
| 967 | 11 | 31 | 10.577 | 0.114369501466276 | 0.69356 |
| 968 | 11 | 44 | 16.41 | 0.12396694214876 | 0.636059 |
| 969 | 11 | 29 | 8.207 | 0.122257053291536 | 0.669239 |
| 970 | 11 | 18 | 8.814 | 0.121212121212121 | 0.723897 |
| 971 | 11 | 11 | 7.273 | 0.12396694214876 | 0.737718 |
| 972 | 11 | 19 | 9.145 | 0.119617224880383 | 0.69594 |
| 973 | 11 | 24 | 0 | 0.0984848484848485 | 0.757317 |
| 974 | 11 | 20 | 6.395 | 0.118181818181818 | 0.757331 |
| 975 | 11 | 28 | 14.704 | 0.11038961038961 | 0.627967 |
| 976 | 11 | 32 | 8.742 | 0.110795454545455 | 0.720512 |
| 977 | 11 | 26 | 9.342 | 0.115384615384615 | 0.707006 |
| 978 | 11 | 20 | 6.054 | 0.127272727272727 | 0.675964 |
| 979 | 11 | 26 | 12.412 | 0.125874125874126 | 0.65581 |
| 980 | 11 | 33 | 10.883 | 0.118457300275482 | 0.653807 |
| 981 | 11 | 16 | 20.238 | 0.147727272727273 | 0.625691 |
| 982 | 11 | 25 | 10.651 | 0.12 | 0.689564 |
| 983 | 11 | 15 | 7.5 | 0.127272727272727 | 0.702892 |
| 984 | 11 | 13 | 12.03 | 0.13986013986014 | 0.632452 |
| 985 | 11 | 26 | 2.632 | 0.101398601398601 | 0.79897 |
| 986 | 11 | 28 | 21.509 | 0.136363636363636 | 0.557211 |
| 987 | 11 | 29 | 9.743 | 0.115987460815047 | 0.685113 |
| 988 | 11 | 37 | 12.677 | 0.115479115479115 | 0.652271 |
| 989 | 11 | 19 | 10.066 | 0.129186602870813 | 0.692675 |
| 990 | 11 | 13 | 6.642 | 0.125874125874126 | 0.756112 |
| 991 | 11 | 23 | 16.613 | 0.114624505928854 | 0.640844 |
| 992 | 11 | 23 | 10.471 | 0.114624505928854 | 0.705049 |
| 993 | 11 | 17 | 16.579 | 0.133689839572193 | 0.635149 |
| 994 | 11 | 15 | 5.312 | 0.109090909090909 | 0.79005 |
| 995 | 11 | 40 | 9.737 | 0.109090909090909 | 0.706531 |
| 996 | 11 | 46 | 17.955 | 0.128458498023715 | 0.609182 |
| 997 | 11 | 38 | 21.797 | 0.138755980861244 | 0.550495 |
| 998 | 11 | 28 | 5.081 | 0.116883116883117 | 0.714442 |
| 999 | 11 | 38 | 12.68 | 0.124401913875598 | 0.653791 |
| 1000 | 11 | 22 | 5.245 | 0.107438016528926 | 0.785427 |

**Table 4**. Characterization of the random network of the neutral model for Atlantic rainforest.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Host | Parasites | Nestedness | Connectance | Modularity |
| 1 | 11 | 29 | 7.61 | 0.112852664576803 | 0.726787 |
| 2 | 11 | 29 | 6.153 | 0.106583072100313 | 0.716194 |
| 3 | 11 | 39 | 9.645 | 0.107226107226107 | 0.692277 |
| 4 | 11 | 26 | 5.088 | 0.111888111888112 | 0.731378 |
| 5 | 11 | 36 | 18.19 | 0.128787878787879 | 0.596646 |
| 6 | 11 | 35 | 13.397 | 0.116883116883117 | 0.67204 |
| 7 | 11 | 42 | 9.304 | 0.103896103896104 | 0.634485 |
| 8 | 11 | 47 | 18.499 | 0.123791102514507 | 0.586376 |
| 9 | 11 | 17 | 11.082 | 0.122994652406417 | 0.688034 |
| 10 | 11 | 76 | 16.971 | 0.11244019138756 | 0.543631 |
| 11 | 11 | 27 | 10.386 | 0.114478114478114 | 0.67122 |
| 12 | 11 | 43 | 27.418 | 0.135306553911205 | 0.53853 |
| 13 | 11 | 43 | 14.421 | 0.112050739957717 | 0.632906 |
| 14 | 11 | 44 | 24.774 | 0.128099173553719 | 0.566028 |
| 15 | 11 | 62 | 10.654 | 0.0997067448680352 | 0.366955 |
| 16 | 11 | 25 | 9.272 | 0.116363636363636 | 0.713803 |
| 17 | 11 | 23 | 7.197 | 0.118577075098814 | 0.718827 |
| 18 | 11 | 32 | 18.97 | 0.133522727272727 | 0.59932 |
| 19 | 11 | 23 | 3.084 | 0.106719367588933 | 0.801021 |
| 20 | 11 | 36 | 12.346 | 0.116161616161616 | 0.65637 |
| 21 | 11 | 33 | 2.401 | 0.0964187327823691 | 0.793387 |
| 22 | 11 | 40 | 23.085 | 0.120454545454545 | 0.563494 |
| 23 | 11 | 21 | 10.629 | 0.121212121212121 | 0.711674 |
| 24 | 11 | 12 | 10.744 | 0.136363636363636 | 0.703653 |
| 25 | 11 | 20 | 7.687 | 0.118181818181818 | 0.730706 |
| 26 | 11 | 25 | 26.127 | 0.141818181818182 | 0.554197 |
| 27 | 11 | 32 | 12.886 | 0.107954545454545 | 0.520721 |
| 28 | 11 | 22 | 8.974 | 0.115702479338843 | 0.695092 |
| 29 | 11 | 31 | 16.461 | 0.126099706744868 | 0.63164 |
| 30 | 11 | 30 | 11.99 | 0.121212121212121 | 0.628692 |
| 31 | 11 | 82 | 20.753 | 0.108647450110865 | 0.517963 |
| 32 | 11 | 34 | 7.592 | 0.10427807486631 | 0.723796 |
| 33 | 11 | 32 | 10.026 | 0.110795454545455 | 0.702762 |
| 34 | 11 | 20 | 2.177 | 0.0954545454545455 | 0.816241 |
| 35 | 11 | 36 | 5.511 | 0.103535353535354 | 0.763756 |
| 36 | 11 | 70 | 21.511 | 0.116883116883117 | 0.450943 |
| 37 | 11 | 38 | 12.984 | 0.119617224880383 | 0.657544 |
| 38 | 11 | 37 | 19.124 | 0.132678132678133 | 0.603861 |
| 39 | 11 | 35 | 9.516 | 0.122077922077922 | 0.683963 |
| 40 | 11 | 29 | 7.419 | 0.106583072100313 | 0.707544 |
| 41 | 11 | 15 | 20.833 | 0.175757575757576 | 0.556449 |
| 42 | 11 | 50 | 17.518 | 0.118181818181818 | 0.587168 |
| 43 | 11 | 33 | 4.074 | 0.104683195592287 | 0.801862 |
| 44 | 11 | 31 | 6.362 | 0.105571847507331 | 0.74607 |
| 45 | 11 | 65 | 14.375 | 0.103496503496503 | 0.43275 |
| 46 | 11 | 29 | 17.149 | 0.119122257053292 | 0.617674 |
| 47 | 11 | 41 | 16.668 | 0.110864745011086 | 0.579945 |
| 48 | 11 | 25 | 14.225 | 0.116363636363636 | 0.59467 |
| 49 | 11 | 15 | 10.625 | 0.127272727272727 | 0.730101 |
| 50 | 11 | 45 | 11.422 | 0.115151515151515 | 0.668758 |
| 51 | 11 | 25 | 14.343 | 0.12 | 0.607843 |
| 52 | 11 | 22 | 9.51 | 0.115702479338843 | 0.714223 |
| 53 | 11 | 15 | 13.542 | 0.133333333333333 | 0.65904 |
| 54 | 11 | 77 | 18.737 | 0.113341204250295 | 0.445592 |
| 55 | 11 | 21 | 8.931 | 0.112554112554113 | 0.68485 |
| 56 | 11 | 19 | 8.407 | 0.114832535885167 | 0.742989 |
| 57 | 11 | 43 | 14.105 | 0.114164904862579 | 0.632314 |
| 58 | 11 | 29 | 6.634 | 0.112852664576803 | 0.752246 |
| 59 | 11 | 25 | 4.789 | 0.105454545454545 | 0.79184 |
| 60 | 11 | 26 | 12.632 | 0.111888111888112 | 0.667906 |
| 61 | 11 | 33 | 16.659 | 0.12396694214876 | 0.635007 |
| 62 | 11 | 26 | 16.776 | 0.118881118881119 | 0.590781 |
| 63 | 11 | 54 | 39.768 | 0.154882154882155 | 0.404274 |
| 64 | 11 | 61 | 15.781 | 0.123695976154993 | 0.606568 |
| 65 | 11 | 28 | 4.927 | 0.0974025974025974 | 0.762143 |
| 66 | 11 | 19 | 16.077 | 0.129186602870813 | 0.632321 |
| 67 | 11 | 33 | 9.882 | 0.104683195592287 | 0.663369 |
| 68 | 11 | 24 | 4.381 | 0.0984848484848485 | 0.73661 |
| 69 | 11 | 20 | 18.095 | 0.127272727272727 | 0.576479 |
| 70 | 11 | 22 | 16.597 | 0.136363636363636 | 0.641825 |
| 71 | 11 | 70 | 20.922 | 0.127272727272727 | 0.504749 |
| 72 | 11 | 27 | 11.954 | 0.121212121212121 | 0.637291 |
| 73 | 11 | 17 | 4.712 | 0.117647058823529 | 0.735475 |
| 74 | 11 | 32 | 13.657 | 0.113636363636364 | 0.654941 |
| 75 | 11 | 30 | 8.698 | 0.121212121212121 | 0.690561 |
| 76 | 11 | 41 | 6.037 | 0.108647450110865 | 0.740872 |
| 77 | 11 | 21 | 15.031 | 0.134199134199134 | 0.630543 |
| 78 | 11 | 39 | 25.882 | 0.142191142191142 | 0.537988 |
| 79 | 11 | 38 | 21.064 | 0.119617224880383 | 0.487149 |
| 80 | 11 | 43 | 16.406 | 0.105708245243129 | 0.593941 |
| 81 | 11 | 37 | 8.974 | 0.117936117936118 | 0.679196 |
| 82 | 11 | 22 | 3.322 | 0.103305785123967 | 0.772724 |
| 83 | 11 | 29 | 8.25 | 0.109717868338558 | 0.734625 |
| 84 | 11 | 32 | 6.655 | 0.105113636363636 | 0.749381 |
| 85 | 11 | 51 | 16.663 | 0.115864527629234 | 0.624558 |
| 86 | 11 | 15 | 9.896 | 0.121212121212121 | 0.677444 |
| 87 | 11 | 32 | 9.814 | 0.113636363636364 | 0.67994 |
| 88 | 11 | 17 | 10.908 | 0.117647058823529 | 0.677626 |
| 89 | 11 | 28 | 9.81 | 0.107142857142857 | 0.695986 |
| 90 | 11 | 26 | 13.811 | 0.125874125874126 | 0.639607 |
| 91 | 11 | 21 | 2.83 | 0.103896103896104 | 0.840197 |
| 92 | 11 | 23 | 4.058 | 0.102766798418972 | 0.798738 |
| 93 | 11 | 41 | 18.003 | 0.121951219512195 | 0.602591 |
| 94 | 11 | 83 | 15.337 | 0.107338444687842 | 0.547216 |
| 95 | 11 | 21 | 13.459 | 0.121212121212121 | 0.682341 |
| 96 | 11 | 38 | 22.32 | 0.131578947368421 | 0.57417 |
| 97 | 11 | 25 | 17.746 | 0.130909090909091 | 0.609517 |
| 98 | 11 | 26 | 9.518 | 0.115384615384615 | 0.74098 |
| 99 | 11 | 22 | 22.902 | 0.132231404958678 | 0.568311 |
| 100 | 11 | 36 | 22.995 | 0.141414141414141 | 0.571067 |
| 101 | 11 | 29 | 9.653 | 0.115987460815047 | 0.696068 |
| 102 | 11 | 49 | 23.675 | 0.133580705009276 | 0.576537 |
| 103 | 11 | 61 | 21.602 | 0.123695976154993 | 0.582909 |
| 104 | 11 | 16 | 10.524 | 0.130681818181818 | 0.686148 |
| 105 | 11 | 22 | 2.448 | 0.0991735537190083 | 0.840193 |
| 106 | 11 | 62 | 14.818 | 0.120234604105572 | 0.634983 |
| 107 | 11 | 24 | 11.501 | 0.128787878787879 | 0.680742 |
| 108 | 11 | 37 | 29.714 | 0.125307125307125 | 0.5359 |
| 109 | 11 | 30 | 9.745 | 0.115151515151515 | 0.695918 |
| 110 | 11 | 37 | 16.474 | 0.127764127764128 | 0.625687 |
| 111 | 11 | 13 | 9.023 | 0.132867132867133 | 0.731243 |
| 112 | 11 | 40 | 9.725 | 0.106818181818182 | 0.658604 |
| 113 | 11 | 15 | 1.25 | 0.109090909090909 | 0.796223 |
| 114 | 11 | 70 | 22.27 | 0.112987012987013 | 0.458007 |
| 115 | 11 | 29 | 7.419 | 0.115987460815047 | 0.721632 |
| 116 | 11 | 38 | 14.717 | 0.119617224880383 | 0.626344 |
| 117 | 11 | 33 | 10.183 | 0.121212121212121 | 0.660067 |
| 118 | 11 | 39 | 10.293 | 0.111888111888112 | 0.69308 |
| 119 | 11 | 24 | 9.315 | 0.117424242424242 | 0.717938 |
| 120 | 11 | 37 | 7.183 | 0.117936117936118 | 0.717819 |
| 121 | 11 | 41 | 7.486 | 0.1019955654102 | 0.482933 |
| 122 | 11 | 32 | 12.295 | 0.125 | 0.643542 |
| 123 | 11 | 34 | 8.064 | 0.106951871657754 | 0.706183 |
| 124 | 11 | 13 | 6.767 | 0.118881118881119 | 0.754262 |
| 125 | 11 | 48 | 10.969 | 0.113636363636364 | 0.687995 |
| 126 | 11 | 44 | 17.265 | 0.115702479338843 | 0.591465 |
| 127 | 11 | 29 | 8.012 | 0.112852664576803 | 0.702094 |
| 128 | 11 | 51 | 21.657 | 0.124777183600713 | 0.513221 |
| 129 | 11 | 35 | 15.231 | 0.111688311688312 | 0.640287 |
| 130 | 11 | 12 | 14.463 | 0.143939393939394 | 0.678621 |
| 131 | 11 | 21 | 3.208 | 0.103896103896104 | 0.760342 |
| 132 | 11 | 19 | 5.088 | 0.110047846889952 | 0.784427 |
| 133 | 11 | 68 | 17.275 | 0.106951871657754 | 0.476043 |
| 134 | 11 | 35 | 9.877 | 0.111688311688312 | 0.691663 |
| 135 | 11 | 17 | 5.497 | 0.106951871657754 | 0.774927 |
| 136 | 11 | 39 | 10.322 | 0.107226107226107 | 0.686607 |
| 137 | 11 | 46 | 6.86 | 0.104743083003953 | 0.733642 |
| 138 | 11 | 73 | 29.369 | 0.125778331257783 | 0.482556 |
| 139 | 11 | 30 | 22.764 | 0.124242424242424 | 0.560329 |
| 140 | 11 | 26 | 5.768 | 0.108391608391608 | 0.756433 |
| 141 | 11 | 46 | 10.54 | 0.110671936758893 | 0.687754 |
| 142 | 11 | 31 | 2.083 | 0.0997067448680352 | 0.766357 |
| 143 | 11 | 28 | 10.512 | 0.12012987012987 | 0.705564 |
| 144 | 11 | 33 | 19.79 | 0.126721763085399 | 0.601556 |
| 145 | 11 | 34 | 24.761 | 0.141711229946524 | 0.531821 |
| 146 | 11 | 21 | 3.208 | 0.0995670995670996 | 0.801431 |
| 147 | 11 | 31 | 7.788 | 0.111436950146628 | 0.727081 |
| 148 | 11 | 43 | 22.367 | 0.116279069767442 | 0.538459 |
| 149 | 11 | 44 | 19.488 | 0.12603305785124 | 0.572378 |
| 150 | 11 | 31 | 10.537 | 0.111436950146628 | 0.686226 |
| 151 | 11 | 19 | 10.398 | 0.114832535885167 | 0.687437 |
| 152 | 11 | 37 | 11.46 | 0.108108108108108 | 0.647148 |
| 153 | 11 | 60 | 30.785 | 0.146969696969697 | 0.488326 |
| 154 | 11 | 54 | 15.99 | 0.122895622895623 | 0.542081 |
| 155 | 11 | 62 | 19.155 | 0.112903225806452 | 0.592625 |
| 156 | 11 | 57 | 18.547 | 0.130781499202552 | 0.528511 |
| 157 | 11 | 43 | 22.857 | 0.118393234672304 | 0.561812 |
| 158 | 11 | 27 | 3.777 | 0.104377104377104 | 0.731457 |
| 159 | 11 | 24 | 14.401 | 0.132575757575758 | 0.624442 |
| 160 | 11 | 39 | 24.635 | 0.123543123543124 | 0.548544 |
| 161 | 11 | 34 | 17.614 | 0.114973262032086 | 0.618658 |
| 162 | 11 | 60 | 25.076 | 0.143939393939394 | 0.513425 |
| 163 | 11 | 34 | 15.199 | 0.117647058823529 | 0.618226 |
| 164 | 11 | 18 | 5.769 | 0.116161616161616 | 0.71071 |
| 165 | 11 | 40 | 15.5 | 0.113636363636364 | 0.628341 |
| 166 | 11 | 23 | 10.741 | 0.114624505928854 | 0.710996 |
| 167 | 11 | 38 | 23.566 | 0.143540669856459 | 0.549404 |
| 168 | 11 | 26 | 10.871 | 0.118881118881119 | 0.683332 |
| 169 | 11 | 31 | 7.731 | 0.117302052785924 | 0.704315 |
| 170 | 11 | 21 | 2.075 | 0.0995670995670996 | 0.759847 |
| 171 | 11 | 21 | 14.308 | 0.12987012987013 | 0.643279 |
| 172 | 11 | 64 | 19.123 | 0.109375 | 0.419924 |
| 173 | 11 | 42 | 7.787 | 0.103896103896104 | 0.494737 |
| 174 | 11 | 19 | 9.587 | 0.114832535885167 | 0.687437 |
| 175 | 11 | 41 | 16.045 | 0.124168514412417 | 0.628771 |
| 176 | 11 | 27 | 12.114 | 0.117845117845118 | 0.679125 |
| 177 | 11 | 46 | 4.904 | 0.104743083003953 | 0.768882 |
| 178 | 11 | 43 | 14.292 | 0.109936575052854 | 0.611257 |
| 179 | 11 | 43 | 9.027 | 0.109936575052854 | 0.700748 |
| 180 | 11 | 39 | 13.242 | 0.116550116550117 | 0.610342 |
| 181 | 11 | 26 | 5.263 | 0.104895104895105 | 0.747705 |
| 182 | 11 | 42 | 16.828 | 0.123376623376623 | 0.608135 |
| 183 | 11 | 16 | 9.524 | 0.130681818181818 | 0.678587 |
| 184 | 11 | 31 | 18.494 | 0.120234604105572 | 0.601376 |
| 185 | 11 | 27 | 5.993 | 0.104377104377104 | 0.629488 |
| 186 | 11 | 44 | 19.365 | 0.134297520661157 | 0.579601 |
| 187 | 11 | 20 | 4.694 | 0.113636363636364 | 0.780731 |
| 188 | 11 | 15 | 8.75 | 0.133333333333333 | 0.690029 |
| 189 | 11 | 18 | 0.962 | 0.095959595959596 | 0.869715 |
| 190 | 11 | 33 | 11.704 | 0.118457300275482 | 0.657055 |
| 191 | 11 | 21 | 20.597 | 0.147186147186147 | 0.569163 |
| 192 | 11 | 30 | 10.17 | 0.118181818181818 | 0.681728 |
| 193 | 11 | 37 | 21.336 | 0.113022113022113 | 0.529249 |
| 194 | 11 | 24 | 5.967 | 0.109848484848485 | 0.75736 |
| 195 | 11 | 77 | 33.296 | 0.121605667060213 | 0.424791 |
| 196 | 11 | 36 | 7.762 | 0.101010101010101 | 0.586188 |
| 197 | 11 | 25 | 1.127 | 0.0981818181818182 | 0.820217 |
| 198 | 11 | 26 | 9.035 | 0.108391608391608 | 0.7273 |
| 199 | 11 | 45 | 10.215 | 0.117171717171717 | 0.682463 |
| 200 | 11 | 47 | 21.656 | 0.129593810444874 | 0.557759 |
| 201 | 11 | 79 | 21.285 | 0.120828538550058 | 0.537908 |
| 202 | 11 | 42 | 11.264 | 0.108225108225108 | 0.669135 |
| 203 | 11 | 25 | 6.549 | 0.105454545454545 | 0.753792 |
| 204 | 11 | 31 | 10.2 | 0.111436950146628 | 0.693842 |
| 205 | 11 | 43 | 21.943 | 0.120507399577167 | 0.573048 |
| 206 | 11 | 21 | 7.799 | 0.103896103896104 | 0.742984 |
| 207 | 11 | 66 | 4.939 | 0.0950413223140496 | 0.394411 |
| 208 | 11 | 52 | 28.787 | 0.138111888111888 | 0.484981 |
| 209 | 11 | 25 | 15.751 | 0.123636363636364 | 0.650464 |
| 210 | 11 | 31 | 5.272 | 0.102639296187683 | 0.772986 |
| 211 | 11 | 23 | 9.416 | 0.114624505928854 | 0.709805 |
| 212 | 11 | 20 | 14.878 | 0.136363636363636 | 0.671061 |
| 213 | 11 | 30 | 3.367 | 0.1 | 0.780454 |
| 214 | 11 | 45 | 25.892 | 0.125252525252525 | 0.552239 |
| 215 | 11 | 24 | 3.474 | 0.102272727272727 | 0.822964 |
| 216 | 11 | 49 | 21.94 | 0.116883116883117 | 0.587751 |
| 217 | 11 | 48 | 17.165 | 0.123106060606061 | 0.601608 |
| 218 | 11 | 30 | 8.401 | 0.118181818181818 | 0.704081 |
| 219 | 11 | 37 | 10.457 | 0.117936117936118 | 0.646212 |
| 220 | 11 | 34 | 5.475 | 0.10427807486631 | 0.751406 |
| 221 | 11 | 34 | 13.474 | 0.122994652406417 | 0.622348 |
| 222 | 11 | 43 | 26.178 | 0.120507399577167 | 0.53427 |
| 223 | 11 | 49 | 22.693 | 0.126159554730983 | 0.521797 |
| 224 | 11 | 31 | 8.072 | 0.114369501466276 | 0.723144 |
| 225 | 11 | 26 | 17.741 | 0.118881118881119 | 0.601155 |
| 226 | 11 | 19 | 9.145 | 0.119617224880383 | 0.710339 |
| 227 | 11 | 44 | 20.827 | 0.130165289256198 | 0.573398 |
| 228 | 11 | 24 | 5.589 | 0.106060606060606 | 0.760131 |
| 229 | 11 | 23 | 11.147 | 0.130434782608696 | 0.65376 |
| 230 | 11 | 33 | 17.246 | 0.12396694214876 | 0.629082 |
| 231 | 11 | 34 | 26.515 | 0.125668449197861 | 0.519189 |
| 232 | 11 | 42 | 22.989 | 0.127705627705628 | 0.575074 |
| 233 | 11 | 42 | 19.149 | 0.119047619047619 | 0.588046 |
| 234 | 11 | 32 | 16.613 | 0.119318181818182 | 0.630329 |
| 235 | 11 | 40 | 19.301 | 0.122727272727273 | 0.624775 |
| 236 | 11 | 27 | 15.936 | 0.121212121212121 | 0.62726 |
| 237 | 11 | 30 | 4.531 | 0.103030303030303 | 0.784526 |
| 238 | 11 | 14 | 2.74 | 0.103896103896104 | 0.843669 |
| 239 | 11 | 28 | 13.774 | 0.136363636363636 | 0.628636 |
| 240 | 11 | 15 | 14.375 | 0.133333333333333 | 0.644574 |
| 241 | 11 | 32 | 6.11 | 0.102272727272727 | 0.751469 |
| 242 | 11 | 39 | 5.843 | 0.104895104895105 | 0.691784 |
| 243 | 11 | 53 | 34.527 | 0.130360205831904 | 0.470874 |
| 244 | 11 | 23 | 13.304 | 0.122529644268775 | 0.666957 |
| 245 | 11 | 24 | 1.662 | 0.0984848484848485 | 0.849026 |
| 246 | 11 | 30 | 9.429 | 0.118181818181818 | 0.713285 |
| 247 | 11 | 42 | 7.262 | 0.108225108225108 | 0.738332 |
| 248 | 11 | 29 | 11.866 | 0.125391849529781 | 0.655569 |
| 249 | 11 | 32 | 5.777 | 0.102272727272727 | 0.759956 |
| 250 | 11 | 35 | 7.917 | 0.106493506493506 | 0.689402 |
| 251 | 11 | 30 | 9.405 | 0.115151515151515 | 0.702847 |
| 252 | 11 | 18 | 10.216 | 0.116161616161616 | 0.731505 |
| 253 | 11 | 18 | 11.779 | 0.131313131313131 | 0.674503 |
| 254 | 11 | 43 | 14.326 | 0.118393234672304 | 0.639929 |
| 255 | 11 | 22 | 12.733 | 0.128099173553719 | 0.640943 |
| 256 | 11 | 24 | 8.56 | 0.106060606060606 | 0.728247 |
| 257 | 11 | 43 | 15.861 | 0.118393234672304 | 0.52418 |
| 258 | 11 | 46 | 8.39 | 0.108695652173913 | 0.704063 |
| 259 | 11 | 28 | 4.811 | 0.103896103896104 | 0.767502 |
| 260 | 11 | 35 | 23.01 | 0.127272727272727 | 0.569713 |
| 261 | 11 | 41 | 10.505 | 0.110864745011086 | 0.667937 |
| 262 | 11 | 17 | 6.545 | 0.112299465240642 | 0.784511 |
| 263 | 11 | 14 | 18.094 | 0.149350649350649 | 0.619995 |
| 264 | 11 | 47 | 18.2 | 0.123791102514507 | 0.592966 |
| 265 | 11 | 41 | 15.073 | 0.119733924611973 | 0.592884 |
| 266 | 11 | 45 | 18.148 | 0.123232323232323 | 0.608656 |
| 267 | 11 | 35 | 12.769 | 0.114285714285714 | 0.675558 |
| 268 | 11 | 36 | 13.095 | 0.118686868686869 | 0.648654 |
| 269 | 11 | 29 | 16.956 | 0.122257053291536 | 0.621905 |
| 270 | 11 | 25 | 2.113 | 0.101818181818182 | 0.806042 |
| 271 | 11 | 43 | 26.177 | 0.13107822410148 | 0.52337 |
| 272 | 11 | 35 | 6.877 | 0.106493506493506 | 0.732233 |
| 273 | 11 | 40 | 16.289 | 0.122727272727273 | 0.617919 |
| 274 | 11 | 30 | 10.058 | 0.121212121212121 | 0.687442 |
| 275 | 11 | 17 | 18.194 | 0.133689839572193 | 0.591954 |
| 276 | 11 | 22 | 12.821 | 0.115702479338843 | 0.595606 |
| 277 | 11 | 40 | 16.307 | 0.115909090909091 | 0.504753 |
| 278 | 11 | 21 | 3.019 | 0.103896103896104 | 0.793326 |
| 279 | 11 | 47 | 13.765 | 0.112185686653772 | 0.537401 |
| 280 | 11 | 45 | 12.572 | 0.115151515151515 | 0.646604 |
| 281 | 11 | 48 | 14.218 | 0.117424242424242 | 0.624817 |
| 282 | 11 | 34 | 9.93 | 0.109625668449198 | 0.684051 |
| 283 | 11 | 28 | 12.356 | 0.126623376623377 | 0.650837 |
| 284 | 11 | 42 | 13.442 | 0.123376623376623 | 0.634604 |
| 285 | 11 | 52 | 23.547 | 0.122377622377622 | 0.525869 |
| 286 | 11 | 20 | 21.122 | 0.131818181818182 | 0.623017 |
| 287 | 11 | 22 | 8.071 | 0.115702479338843 | 0.73973 |
| 288 | 11 | 21 | 13.27 | 0.121212121212121 | 0.669585 |
| 289 | 11 | 29 | 7.809 | 0.109717868338558 | 0.67667 |
| 290 | 11 | 42 | 25.026 | 0.119047619047619 | 0.519619 |
| 291 | 11 | 15 | 11.562 | 0.133333333333333 | 0.679701 |
| 292 | 11 | 27 | 11.905 | 0.107744107744108 | 0.62982 |
| 293 | 11 | 25 | 4.413 | 0.101818181818182 | 0.785637 |
| 294 | 11 | 41 | 7.06 | 0.110864745011086 | 0.689138 |
| 295 | 11 | 61 | 24.147 | 0.108792846497765 | 0.41598 |
| 296 | 11 | 23 | 6.818 | 0.102766798418972 | 0.727738 |
| 297 | 11 | 21 | 9.245 | 0.112554112554113 | 0.696681 |
| 298 | 11 | 33 | 16.745 | 0.121212121212121 | 0.63321 |
| 299 | 11 | 58 | 21.961 | 0.125391849529781 | 0.56761 |
| 300 | 11 | 35 | 10.55 | 0.116883116883117 | 0.699198 |
| 301 | 11 | 29 | 5.821 | 0.112852664576803 | 0.712126 |
| 302 | 11 | 37 | 13.514 | 0.115479115479115 | 0.650914 |
| 303 | 11 | 30 | 5.842 | 0.1 | 0.736381 |
| 304 | 11 | 27 | 14.384 | 0.114478114478114 | 0.634889 |
| 305 | 11 | 31 | 10.492 | 0.120234604105572 | 0.69655 |
| 306 | 11 | 38 | 8.086 | 0.107655502392345 | 0.674502 |
| 307 | 11 | 27 | 16.675 | 0.127946127946128 | 0.622523 |
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| 309 | 11 | 28 | 15.385 | 0.11038961038961 | 0.621049 |
| 310 | 11 | 37 | 7.966 | 0.113022113022113 | 0.690865 |
| 311 | 11 | 42 | 11.681 | 0.106060606060606 | 0.593861 |
| 312 | 11 | 29 | 10.644 | 0.119122257053292 | 0.668225 |
| 313 | 11 | 79 | 16.767 | 0.116225546605293 | 0.480497 |
| 314 | 11 | 39 | 11.788 | 0.125874125874126 | 0.655981 |
| 315 | 11 | 69 | 17.137 | 0.10935441370224 | 0.483038 |
| 316 | 11 | 9 | 21.978 | 0.181818181818182 | 0.527748 |
| 317 | 11 | 27 | 17.406 | 0.124579124579125 | 0.599655 |
| 318 | 11 | 37 | 10.795 | 0.117936117936118 | 0.654889 |
| 319 | 11 | 41 | 14.535 | 0.11529933481153 | 0.647132 |
| 320 | 11 | 22 | 13.228 | 0.128099173553719 | 0.656554 |
| 321 | 11 | 28 | 8.112 | 0.113636363636364 | 0.708509 |
| 322 | 11 | 46 | 16.471 | 0.112648221343874 | 0.576735 |
| 323 | 11 | 35 | 17.277 | 0.127272727272727 | 0.598865 |
| 324 | 11 | 48 | 30.827 | 0.136363636363636 | 0.498031 |
| 325 | 11 | 24 | 11.692 | 0.125 | 0.672119 |
| 326 | 11 | 67 | 15.947 | 0.10719131614654 | 0.449718 |
| 327 | 11 | 48 | 13.792 | 0.113636363636364 | 0.633274 |
| 328 | 11 | 20 | 4.966 | 0.118181818181818 | 0.739583 |
| 329 | 11 | 42 | 16.962 | 0.132034632034632 | 0.598449 |
| 330 | 11 | 32 | 9.15 | 0.107954545454545 | 0.711843 |
| 331 | 11 | 23 | 19.595 | 0.150197628458498 | 0.544281 |
| 332 | 11 | 19 | 11.099 | 0.114832535885167 | 0.697855 |
| 333 | 11 | 22 | 6.643 | 0.111570247933884 | 0.726956 |
| 334 | 11 | 19 | 7.338 | 0.129186602870813 | 0.659756 |
| 335 | 11 | 30 | 15.977 | 0.115151515151515 | 0.620441 |
| 336 | 11 | 24 | 10.232 | 0.117424242424242 | 0.706493 |
| 337 | 11 | 56 | 14.56 | 0.112012987012987 | 0.640772 |
| 338 | 11 | 66 | 13.792 | 0.106060606060606 | 0.468155 |
| 339 | 11 | 27 | 8.842 | 0.114478114478114 | 0.711874 |
| 340 | 11 | 76 | 16.407 | 0.110047846889952 | 0.483647 |
| 341 | 11 | 36 | 24.161 | 0.118686868686869 | 0.553139 |
| 342 | 11 | 37 | 7.104 | 0.108108108108108 | 0.715325 |
| 343 | 11 | 34 | 11.557 | 0.120320855614973 | 0.672041 |
| 344 | 11 | 52 | 21.398 | 0.138111888111888 | 0.536092 |
| 345 | 11 | 25 | 15.305 | 0.127272727272727 | 0.640762 |
| 346 | 11 | 38 | 10.532 | 0.102870813397129 | 0.554836 |
| 347 | 11 | 17 | 9.599 | 0.122994652406417 | 0.672909 |
| 348 | 11 | 37 | 9.798 | 0.115479115479115 | 0.691202 |
| 349 | 11 | 17 | 4.188 | 0.106951871657754 | 0.819923 |
| 350 | 11 | 22 | 6.41 | 0.111570247933884 | 0.766734 |
| 351 | 11 | 33 | 3.802 | 0.107438016528926 | 0.740889 |
| 352 | 11 | 31 | 9.451 | 0.114369501466276 | 0.696191 |
| 353 | 11 | 77 | 17.561 | 0.1086186540732 | 0.524758 |
| 354 | 11 | 50 | 29.433 | 0.14 | 0.506962 |
| 355 | 11 | 29 | 11.786 | 0.112852664576803 | 0.633428 |
| 356 | 11 | 46 | 10.351 | 0.112648221343874 | 0.643214 |
| 357 | 11 | 27 | 5.337 | 0.104377104377104 | 0.75539 |
| 358 | 11 | 43 | 26.63 | 0.128964059196617 | 0.537982 |
| 359 | 11 | 18 | 3.606 | 0.111111111111111 | 0.80158 |
| 360 | 11 | 33 | 10.022 | 0.112947658402204 | 0.674539 |
| 361 | 11 | 27 | 8.785 | 0.124579124579125 | 0.745738 |
| 362 | 11 | 49 | 23.612 | 0.128014842300557 | 0.551728 |
| 363 | 11 | 14 | 6.164 | 0.12987012987013 | 0.697447 |
| 364 | 11 | 44 | 12.569 | 0.113636363636364 | 0.678285 |
| 365 | 11 | 25 | 12.207 | 0.123636363636364 | 0.666899 |
| 366 | 11 | 24 | 8.872 | 0.121212121212121 | 0.705995 |
| 367 | 11 | 36 | 8.729 | 0.118686868686869 | 0.666304 |
| 368 | 11 | 46 | 10.119 | 0.106719367588933 | 0.697122 |
| 369 | 11 | 24 | 10.322 | 0.117424242424242 | 0.694007 |
| 370 | 11 | 70 | 19.865 | 0.11038961038961 | 0.46293 |
| 371 | 11 | 22 | 10.548 | 0.12396694214876 | 0.684388 |
| 372 | 11 | 21 | 6.981 | 0.103896103896104 | 0.758608 |
| 373 | 11 | 23 | 7.711 | 0.110671936758893 | 0.734624 |
| 374 | 11 | 21 | 6.415 | 0.112554112554113 | 0.766202 |
| 375 | 11 | 45 | 18.807 | 0.115151515151515 | 0.53365 |
| 376 | 11 | 31 | 10.701 | 0.114369501466276 | 0.643596 |
| 377 | 11 | 29 | 9.173 | 0.109717868338558 | 0.702793 |
| 378 | 11 | 29 | 8.171 | 0.103448275862069 | 0.678537 |
| 379 | 11 | 49 | 12.868 | 0.109461966604824 | 0.660954 |
| 380 | 11 | 38 | 11.745 | 0.119617224880383 | 0.674343 |
| 381 | 11 | 21 | 7.358 | 0.121212121212121 | 0.704024 |
| 382 | 11 | 34 | 20.855 | 0.128342245989305 | 0.598475 |
| 383 | 11 | 44 | 18.241 | 0.119834710743802 | 0.588827 |
| 384 | 11 | 28 | 12.248 | 0.11038961038961 | 0.634886 |
| 385 | 11 | 38 | 11.01 | 0.11244019138756 | 0.68939 |
| 386 | 11 | 54 | 11.567 | 0.116161616161616 | 0.657996 |
| 387 | 11 | 17 | 3.316 | 0.106951871657754 | 0.767429 |
| 388 | 11 | 32 | 6.292 | 0.113636363636364 | 0.713061 |
| 389 | 11 | 50 | 7.226 | 0.107272727272727 | 0.688244 |
| 390 | 11 | 66 | 12.087 | 0.103305785123967 | 0.419151 |
| 391 | 11 | 23 | 7.955 | 0.122529644268775 | 0.720023 |
| 392 | 11 | 38 | 13.596 | 0.117224880382775 | 0.665498 |
| 393 | 11 | 68 | 12.301 | 0.112299465240642 | 0.645207 |
| 394 | 11 | 40 | 26.133 | 0.131818181818182 | 0.517497 |
| 395 | 11 | 33 | 9.211 | 0.115702479338843 | 0.681347 |
| 396 | 11 | 23 | 3.355 | 0.102766798418972 | 0.804654 |
| 397 | 11 | 42 | 26.708 | 0.134199134199134 | 0.557968 |
| 398 | 11 | 32 | 4.567 | 0.105113636363636 | 0.777135 |
| 399 | 11 | 19 | 10.324 | 0.129186602870813 | 0.67347 |
| 400 | 11 | 27 | 7.548 | 0.104377104377104 | 0.710651 |
| 401 | 11 | 27 | 5.454 | 0.107744107744108 | 0.752858 |
| 402 | 11 | 44 | 16.328 | 0.113636363636364 | 0.632339 |
| 403 | 11 | 17 | 4.974 | 0.112299465240642 | 0.777706 |
| 404 | 11 | 21 | 5.849 | 0.108225108225108 | 0.758327 |
| 405 | 11 | 25 | 9.296 | 0.109090909090909 | 0.615494 |
| 406 | 11 | 24 | 24.371 | 0.136363636363636 | 0.553965 |
| 407 | 11 | 20 | 6.122 | 0.109090909090909 | 0.753401 |
| 408 | 11 | 36 | 10.945 | 0.121212121212121 | 0.683971 |
| 409 | 11 | 13 | 9.023 | 0.125874125874126 | 0.691303 |
| 410 | 11 | 28 | 8.507 | 0.116883116883117 | 0.735274 |
| 411 | 11 | 43 | 28.671 | 0.128964059196617 | 0.50278 |
| 412 | 11 | 44 | 22.703 | 0.121900826446281 | 0.52135 |
| 413 | 11 | 22 | 14.65 | 0.119834710743802 | 0.674138 |
| 414 | 11 | 23 | 6.006 | 0.110671936758893 | 0.748654 |
| 415 | 11 | 18 | 4.567 | 0.111111111111111 | 0.809844 |
| 416 | 11 | 47 | 10.38 | 0.108317214700193 | 0.679463 |
| 417 | 11 | 24 | 12.437 | 0.121212121212121 | 0.67377 |
| 418 | 11 | 16 | 13.143 | 0.125 | 0.673497 |
| 419 | 11 | 28 | 12.317 | 0.12012987012987 | 0.682192 |
| 420 | 11 | 19 | 11.246 | 0.124401913875598 | 0.698168 |
| 421 | 11 | 16 | 6.286 | 0.130681818181818 | 0.70316 |
| 422 | 11 | 37 | 10.431 | 0.117936117936118 | 0.700893 |
| 423 | 11 | 37 | 15.126 | 0.117936117936118 | 0.644475 |
| 424 | 11 | 18 | 9.736 | 0.116161616161616 | 0.697481 |
| 425 | 11 | 22 | 14.211 | 0.128099173553719 | 0.648228 |
| 426 | 11 | 30 | 18.761 | 0.118181818181818 | 0.622561 |
| 427 | 11 | 41 | 11.756 | 0.117516629711752 | 0.666726 |
| 428 | 11 | 29 | 4.23 | 0.109717868338558 | 0.738704 |
| 429 | 11 | 22 | 1.923 | 0.107438016528926 | 0.749928 |
| 430 | 11 | 23 | 18.344 | 0.126482213438735 | 0.556589 |
| 431 | 11 | 34 | 7.162 | 0.109625668449198 | 0.742941 |
| 432 | 11 | 23 | 10.227 | 0.118577075098814 | 0.717713 |
| 433 | 11 | 22 | 7.401 | 0.107438016528926 | 0.718866 |
| 434 | 11 | 29 | 10.49 | 0.122257053291536 | 0.667925 |
| 435 | 11 | 24 | 7.1 | 0.109848484848485 | 0.758551 |
| 436 | 11 | 22 | 11.888 | 0.119834710743802 | 0.68603 |
| 437 | 11 | 25 | 3.192 | 0.0981818181818182 | 0.820218 |
| 438 | 11 | 29 | 10.014 | 0.109717868338558 | 0.669324 |
| 439 | 11 | 43 | 15.62 | 0.109936575052854 | 0.60756 |
| 440 | 11 | 35 | 17.422 | 0.122077922077922 | 0.594785 |
| 441 | 11 | 32 | 28.876 | 0.139204545454545 | 0.538067 |
| 442 | 11 | 46 | 16.716 | 0.112648221343874 | 0.611207 |
| 443 | 11 | 24 | 10.516 | 0.125 | 0.657429 |
| 444 | 11 | 18 | 7.212 | 0.121212121212121 | 0.753408 |
| 445 | 11 | 23 | 4.978 | 0.102766798418972 | 0.772114 |
| 446 | 11 | 31 | 11.331 | 0.120234604105572 | 0.678111 |
| 447 | 11 | 39 | 22.32 | 0.116550116550117 | 0.557148 |
| 448 | 11 | 43 | 16.289 | 0.126849894291755 | 0.608286 |
| 449 | 11 | 40 | 9.968 | 0.109090909090909 | 0.660959 |
| 450 | 11 | 25 | 7.277 | 0.112727272727273 | 0.713775 |
| 451 | 11 | 35 | 10.282 | 0.106493506493506 | 0.654902 |
| 452 | 11 | 40 | 21.119 | 0.129545454545455 | 0.579822 |
| 453 | 11 | 21 | 6.164 | 0.108225108225108 | 0.777527 |
| 454 | 11 | 18 | 3.846 | 0.111111111111111 | 0.741668 |
| 455 | 11 | 54 | 26.178 | 0.12962962962963 | 0.551987 |
| 456 | 11 | 62 | 15.896 | 0.108504398826979 | 0.425262 |
| 457 | 11 | 32 | 6.63 | 0.107954545454545 | 0.737466 |
| 458 | 11 | 23 | 9.524 | 0.126482213438735 | 0.696232 |
| 459 | 11 | 34 | 11.268 | 0.114973262032086 | 0.678685 |
| 460 | 11 | 29 | 6.399 | 0.109717868338558 | 0.761563 |
| 461 | 11 | 29 | 20.322 | 0.13166144200627 | 0.570248 |
| 462 | 11 | 22 | 11.655 | 0.119834710743802 | 0.677708 |
| 463 | 11 | 21 | 3.396 | 0.0995670995670996 | 0.818443 |
| 464 | 11 | 25 | 9.577 | 0.116363636363636 | 0.722592 |
| 465 | 11 | 35 | 11.724 | 0.114285714285714 | 0.692603 |
| 466 | 11 | 20 | 8.707 | 0.113636363636364 | 0.737534 |
| 467 | 11 | 21 | 8.616 | 0.112554112554113 | 0.727745 |
| 468 | 11 | 50 | 20.557 | 0.112727272727273 | 0.587093 |
| 469 | 11 | 26 | 10.937 | 0.118881118881119 | 0.70928 |
| 470 | 11 | 27 | 8.6 | 0.114478114478114 | 0.721388 |
| 471 | 11 | 17 | 9.511 | 0.122994652406417 | 0.674804 |
| 472 | 11 | 31 | 10.673 | 0.111436950146628 | 0.686226 |
| 473 | 11 | 32 | 17.889 | 0.130681818181818 | 0.617152 |
| 474 | 11 | 35 | 27.478 | 0.137662337662338 | 0.539297 |
| 475 | 11 | 68 | 20.574 | 0.11096256684492 | 0.422224 |
| 476 | 11 | 15 | 8.75 | 0.121212121212121 | 0.744939 |
| 477 | 11 | 47 | 10.787 | 0.11605415860735 | 0.692716 |
| 478 | 11 | 47 | 15.267 | 0.119922630560928 | 0.653949 |
| 479 | 11 | 28 | 12.764 | 0.126623376623377 | 0.636373 |
| 480 | 11 | 25 | 1.972 | 0.105454545454545 | 0.78827 |
| 481 | 11 | 51 | 6.559 | 0.105169340463458 | 0.712658 |
| 482 | 11 | 16 | 6.286 | 0.113636363636364 | 0.749932 |
| 483 | 11 | 24 | 16.163 | 0.121212121212121 | 0.581 |
| 484 | 11 | 33 | 9.376 | 0.121212121212121 | 0.678147 |
| 485 | 11 | 30 | 12.252 | 0.115151515151515 | 0.654374 |
| 486 | 11 | 22 | 8.129 | 0.12396694214876 | 0.685496 |
| 487 | 11 | 29 | 13.082 | 0.112852664576803 | 0.678949 |
| 488 | 11 | 77 | 18.241 | 0.109799291617473 | 0.530066 |
| 489 | 11 | 20 | 11.793 | 0.122727272727273 | 0.685811 |
| 490 | 11 | 24 | 5.765 | 0.109848484848485 | 0.753796 |
| 491 | 11 | 51 | 28.862 | 0.140819964349376 | 0.507411 |
| 492 | 11 | 21 | 10.44 | 0.116883116883117 | 0.717356 |
| 493 | 11 | 26 | 5 | 0.108391608391608 | 0.757473 |
| 494 | 11 | 35 | 10.759 | 0.124675324675325 | 0.667481 |
| 495 | 11 | 34 | 3.68 | 0.106951871657754 | 0.753678 |
| 496 | 11 | 18 | 2.885 | 0.106060606060606 | 0.798109 |
| 497 | 11 | 20 | 7.619 | 0.127272727272727 | 0.719332 |
| 498 | 11 | 24 | 5.639 | 0.109848484848485 | 0.746661 |
| 499 | 11 | 36 | 19.451 | 0.121212121212121 | 0.562454 |
| 500 | 11 | 21 | 5.409 | 0.108225108225108 | 0.74553 |
| 501 | 11 | 45 | 21.882 | 0.115151515151515 | 0.535806 |
| 502 | 11 | 18 | 10.817 | 0.131313131313131 | 0.705568 |
| 503 | 11 | 16 | 5.714 | 0.113636363636364 | 0.799929 |
| 504 | 11 | 30 | 10.714 | 0.112121212121212 | 0.688031 |
| 505 | 11 | 34 | 18.136 | 0.125668449197861 | 0.583469 |
| 506 | 11 | 38 | 14.723 | 0.110047846889952 | 0.547204 |
| 507 | 11 | 20 | 19.745 | 0.136363636363636 | 0.615507 |
| 508 | 11 | 14 | 15.068 | 0.142857142857143 | 0.650776 |
| 509 | 11 | 51 | 15.318 | 0.117647058823529 | 0.607154 |
| 510 | 11 | 30 | 11.599 | 0.109090909090909 | 0.65503 |
| 511 | 11 | 31 | 9.306 | 0.120234604105572 | 0.71261 |
| 512 | 11 | 21 | 15.054 | 0.138528138528139 | 0.642528 |
| 513 | 11 | 26 | 10 | 0.122377622377622 | 0.665249 |
| 514 | 11 | 24 | 2.87 | 0.106060606060606 | 0.781813 |
| 515 | 11 | 15 | 10.729 | 0.133333333333333 | 0.723086 |
| 516 | 11 | 38 | 17.304 | 0.11244019138756 | 0.616057 |
| 517 | 11 | 36 | 5.328 | 0.103535353535354 | 0.704866 |
| 518 | 11 | 28 | 7.929 | 0.11038961038961 | 0.731766 |
| 519 | 11 | 20 | 10.816 | 0.122727272727273 | 0.689928 |
| 520 | 11 | 21 | 14.654 | 0.125541125541126 | 0.670574 |
| 521 | 11 | 29 | 1.916 | 0.100313479623824 | 0.774336 |
| 522 | 11 | 47 | 15.874 | 0.108317214700193 | 0.579342 |
| 523 | 11 | 19 | 6.416 | 0.114832535885167 | 0.775971 |
| 524 | 11 | 19 | 4.499 | 0.105263157894737 | 0.77472 |
| 525 | 11 | 71 | 20.672 | 0.111395646606914 | 0.489711 |
| 526 | 11 | 30 | 14.179 | 0.13030303030303 | 0.651109 |
| 527 | 11 | 18 | 1.683 | 0.095959595959596 | 0.847557 |
| 528 | 11 | 41 | 17.451 | 0.108647450110865 | 0.486829 |
| 529 | 11 | 30 | 12.182 | 0.118181818181818 | 0.681729 |
| 530 | 11 | 18 | 4.327 | 0.101010101010101 | 0.759923 |
| 531 | 11 | 15 | 5 | 0.127272727272727 | 0.727831 |
| 532 | 11 | 27 | 16.174 | 0.121212121212121 | 0.645777 |
| 533 | 11 | 29 | 10.448 | 0.109717868338558 | 0.598306 |
| 534 | 11 | 35 | 9.459 | 0.116883116883117 | 0.711048 |
| 535 | 11 | 32 | 8.893 | 0.107954545454545 | 0.704226 |
| 536 | 11 | 56 | 22.588 | 0.116883116883117 | 0.539498 |
| 537 | 11 | 46 | 15.368 | 0.116600790513834 | 0.58627 |
| 538 | 11 | 30 | 10.544 | 0.106060606060606 | 0.70034 |
| 539 | 11 | 24 | 6.244 | 0.106060606060606 | 0.757581 |
| 540 | 11 | 29 | 6.678 | 0.106583072100313 | 0.767229 |
| 541 | 11 | 48 | 15.987 | 0.107954545454545 | 0.573657 |
| 542 | 11 | 36 | 21.302 | 0.126262626262626 | 0.599148 |
| 543 | 11 | 38 | 7.652 | 0.110047846889952 | 0.710707 |
| 544 | 11 | 20 | 10.918 | 0.122727272727273 | 0.68993 |
| 545 | 11 | 18 | 5.048 | 0.111111111111111 | 0.764393 |
| 546 | 11 | 19 | 15.339 | 0.138755980861244 | 0.624206 |
| 547 | 11 | 37 | 14.494 | 0.110565110565111 | 0.62414 |
| 548 | 11 | 32 | 11.388 | 0.105113636363636 | 0.690218 |
| 549 | 11 | 47 | 16.913 | 0.129593810444874 | 0.595408 |
| 550 | 11 | 42 | 21.543 | 0.116883116883117 | 0.598368 |
| 551 | 11 | 19 | 3.097 | 0.105263157894737 | 0.834631 |
| 552 | 11 | 38 | 12.701 | 0.129186602870813 | 0.645697 |
| 553 | 11 | 52 | 24.157 | 0.132867132867133 | 0.505846 |
| 554 | 11 | 33 | 7.925 | 0.121212121212121 | 0.718948 |
| 555 | 11 | 49 | 13.629 | 0.12987012987013 | 0.618726 |
| 556 | 11 | 41 | 11.139 | 0.110864745011086 | 0.686337 |
| 557 | 11 | 39 | 5.861 | 0.107226107226107 | 0.753237 |
| 558 | 11 | 33 | 6.057 | 0.101928374655647 | 0.755952 |
| 559 | 11 | 27 | 8.087 | 0.124579124579125 | 0.682196 |
| 560 | 11 | 39 | 7.312 | 0.10955710955711 | 0.737368 |
| 561 | 11 | 34 | 1.718 | 0.0962566844919786 | 0.786955 |
| 562 | 11 | 21 | 15.484 | 0.125541125541126 | 0.651548 |
| 563 | 11 | 33 | 12.764 | 0.12396694214876 | 0.634021 |
| 564 | 11 | 26 | 24.465 | 0.136363636363636 | 0.552223 |
| 565 | 11 | 42 | 16.587 | 0.11038961038961 | 0.567803 |
| 566 | 11 | 72 | 17.252 | 0.106060606060606 | 0.488044 |
| 567 | 11 | 46 | 12.683 | 0.112648221343874 | 0.678609 |
| 568 | 11 | 26 | 17.882 | 0.125874125874126 | 0.590999 |
| 569 | 11 | 40 | 6.996 | 0.104545454545455 | 0.680933 |
| 570 | 11 | 35 | 18.109 | 0.132467532467532 | 0.584347 |
| 571 | 11 | 40 | 19.086 | 0.118181818181818 | 0.580939 |
| 572 | 11 | 77 | 34.612 | 0.131050767414404 | 0.437914 |
| 573 | 11 | 50 | 20.305 | 0.118181818181818 | 0.568467 |
| 574 | 11 | 42 | 19.635 | 0.123376623376623 | 0.576433 |
| 575 | 11 | 44 | 23.067 | 0.117768595041322 | 0.537345 |
| 576 | 11 | 38 | 4.661 | 0.105263157894737 | 0.759225 |
| 577 | 11 | 26 | 17.362 | 0.129370629370629 | 0.620837 |
| 578 | 11 | 28 | 12.24 | 0.116883116883117 | 0.662751 |
| 579 | 11 | 42 | 15.902 | 0.125541125541126 | 0.634014 |
| 580 | 11 | 53 | 32.151 | 0.149228130360206 | 0.44851 |
| 581 | 11 | 65 | 9.883 | 0.100699300699301 | 0.427999 |
| 582 | 11 | 48 | 15.746 | 0.111742424242424 | 0.585981 |
| 583 | 11 | 40 | 12.576 | 0.118181818181818 | 0.68707 |
| 584 | 11 | 48 | 24.448 | 0.132575757575758 | 0.537507 |
| 585 | 11 | 33 | 14.335 | 0.115702479338843 | 0.652436 |
| 586 | 11 | 41 | 30.914 | 0.141906873614191 | 0.531941 |
| 587 | 11 | 18 | 11.218 | 0.126262626262626 | 0.702345 |
| 588 | 11 | 26 | 8.912 | 0.118881118881119 | 0.730904 |
| 589 | 11 | 31 | 17.253 | 0.131964809384164 | 0.615752 |
| 590 | 11 | 35 | 28.469 | 0.124675324675325 | 0.541182 |
| 591 | 11 | 52 | 15.405 | 0.122377622377622 | 0.573826 |
| 592 | 11 | 42 | 19.489 | 0.112554112554113 | 0.509933 |
| 593 | 11 | 27 | 9.688 | 0.121212121212121 | 0.722161 |
| 594 | 11 | 48 | 16.103 | 0.121212121212121 | 0.609565 |
| 595 | 11 | 37 | 5.506 | 0.103194103194103 | 0.705144 |
| 596 | 11 | 25 | 6.995 | 0.112727272727273 | 0.696084 |
| 597 | 11 | 37 | 16.959 | 0.127764127764128 | 0.625688 |
| 598 | 11 | 15 | 2.708 | 0.109090909090909 | 0.786966 |
| 599 | 11 | 32 | 6.423 | 0.105113636363636 | 0.769101 |
| 600 | 11 | 27 | 7.295 | 0.117845117845118 | 0.691367 |
| 601 | 11 | 25 | 13.944 | 0.109090909090909 | 0.594385 |
| 602 | 11 | 47 | 16.17 | 0.123791102514507 | 0.614695 |
| 603 | 11 | 36 | 16.543 | 0.126262626262626 | 0.613949 |
| 604 | 11 | 49 | 10.825 | 0.115027829313544 | 0.662793 |
| 605 | 11 | 39 | 2.701 | 0.0979020979020979 | 0.739719 |
| 606 | 11 | 43 | 10.677 | 0.112050739957717 | 0.686659 |
| 607 | 11 | 39 | 9.825 | 0.104895104895105 | 0.634507 |
| 608 | 11 | 18 | 4.247 | 0.106060606060606 | 0.775437 |
| 609 | 11 | 41 | 17.952 | 0.130820399113082 | 0.593174 |
| 610 | 11 | 21 | 6.792 | 0.108225108225108 | 0.745531 |
| 611 | 11 | 56 | 14.618 | 0.113636363636364 | 0.639124 |
| 612 | 11 | 17 | 4.363 | 0.112299465240642 | 0.807183 |
| 613 | 11 | 44 | 20.391 | 0.115702479338843 | 0.582854 |
| 614 | 11 | 22 | 8.1 | 0.111570247933884 | 0.753018 |
| 615 | 11 | 25 | 5.211 | 0.112727272727273 | 0.789732 |
| 616 | 11 | 35 | 9.91 | 0.106493506493506 | 0.682265 |
| 617 | 11 | 77 | 14.962 | 0.110979929161747 | 0.531748 |
| 618 | 11 | 17 | 4.712 | 0.106951871657754 | 0.804925 |
| 619 | 11 | 51 | 16.949 | 0.117647058823529 | 0.570884 |
| 620 | 11 | 19 | 3.761 | 0.100478468899522 | 0.816245 |
| 621 | 11 | 35 | 15.586 | 0.111688311688312 | 0.571063 |
| 622 | 11 | 22 | 11.014 | 0.12396694214876 | 0.675498 |
| 623 | 11 | 14 | 6.507 | 0.116883116883117 | 0.790055 |
| 624 | 11 | 22 | 11.946 | 0.12396694214876 | 0.646613 |
| 625 | 11 | 24 | 8.459 | 0.109848484848485 | 0.72407 |
| 626 | 11 | 26 | 9.32 | 0.108391608391608 | 0.725218 |
| 627 | 11 | 49 | 17.05 | 0.111317254174397 | 0.594665 |
| 628 | 11 | 60 | 17.571 | 0.128787878787879 | 0.602027 |
| 629 | 11 | 30 | 13.129 | 0.121212121212121 | 0.652444 |
| 630 | 11 | 16 | 14.952 | 0.130681818181818 | 0.657791 |
| 631 | 11 | 53 | 26.599 | 0.133790737564322 | 0.478925 |
| 632 | 11 | 32 | 8.702 | 0.113636363636364 | 0.718686 |
| 633 | 11 | 29 | 8.604 | 0.109717868338558 | 0.737074 |
| 634 | 11 | 25 | 24.291 | 0.127272727272727 | 0.580357 |
| 635 | 11 | 27 | 3.777 | 0.104377104377104 | 0.792848 |
| 636 | 11 | 33 | 4.31 | 0.101928374655647 | 0.804888 |
| 637 | 11 | 40 | 27.964 | 0.125 | 0.54144 |
| 638 | 11 | 38 | 20.716 | 0.119617224880383 | 0.589146 |
| 639 | 11 | 72 | 28.51 | 0.125 | 0.459707 |
| 640 | 11 | 15 | 10.833 | 0.139393939393939 | 0.676701 |
| 641 | 11 | 40 | 14.672 | 0.125 | 0.574494 |
| 642 | 11 | 43 | 6.585 | 0.101479915433404 | 0.726056 |
| 643 | 11 | 50 | 4.975 | 0.105454545454545 | 0.718718 |
| 644 | 11 | 33 | 17.314 | 0.137741046831956 | 0.581956 |
| 645 | 11 | 51 | 18.88 | 0.119429590017825 | 0.599858 |
| 646 | 11 | 20 | 6.667 | 0.113636363636364 | 0.739134 |
| 647 | 11 | 32 | 5.773 | 0.102272727272727 | 0.693604 |
| 648 | 11 | 24 | 11.782 | 0.102272727272727 | 0.615849 |
| 649 | 11 | 48 | 20.756 | 0.123106060606061 | 0.588114 |
| 650 | 11 | 28 | 9.498 | 0.113636363636364 | 0.703611 |
| 651 | 11 | 16 | 10.476 | 0.125 | 0.694159 |
| 652 | 11 | 76 | 34.567 | 0.136363636363636 | 0.434326 |
| 653 | 11 | 31 | 5.199 | 0.102639296187683 | 0.748498 |
| 654 | 11 | 33 | 9.277 | 0.115702479338843 | 0.682481 |
| 655 | 11 | 50 | 18.738 | 0.123636363636364 | 0.558778 |
| 656 | 11 | 64 | 23.63 | 0.130681818181818 | 0.500079 |
| 657 | 11 | 52 | 17.991 | 0.108391608391608 | 0.565761 |
| 658 | 11 | 29 | 11.786 | 0.112852664576803 | 0.658888 |
| 659 | 11 | 18 | 15.833 | 0.131313131313131 | 0.636044 |
| 660 | 11 | 34 | 19.505 | 0.125668449197861 | 0.61742 |
| 661 | 11 | 45 | 6.9 | 0.105050505050505 | 0.684106 |
| 662 | 11 | 41 | 23.505 | 0.11529933481153 | 0.497361 |
| 663 | 11 | 27 | 19.273 | 0.127946127946128 | 0.593439 |
| 664 | 11 | 28 | 9.045 | 0.11038961038961 | 0.623642 |
| 665 | 11 | 47 | 20.841 | 0.129593810444874 | 0.570458 |
| 666 | 11 | 33 | 12.819 | 0.115702479338843 | 0.632027 |
| 667 | 11 | 63 | 20.01 | 0.112554112554113 | 0.480559 |
| 668 | 11 | 30 | 8.362 | 0.109090909090909 | 0.668146 |
| 669 | 11 | 29 | 8.25 | 0.109717868338558 | 0.745238 |
| 670 | 11 | 25 | 6.948 | 0.116363636363636 | 0.697205 |
| 671 | 11 | 25 | 17.552 | 0.123636363636364 | 0.599426 |
| 672 | 11 | 36 | 14.543 | 0.136363636363636 | 0.619294 |
| 673 | 11 | 21 | 1.698 | 0.103896103896104 | 0.784644 |
| 674 | 11 | 33 | 17.081 | 0.12396694214876 | 0.626119 |
| 675 | 11 | 21 | 3.774 | 0.108225108225108 | 0.783927 |
| 676 | 11 | 14 | 10.274 | 0.123376623376623 | 0.711851 |
| 677 | 11 | 13 | 5.263 | 0.125874125874126 | 0.746854 |
| 678 | 11 | 61 | 33.277 | 0.120715350223547 | 0.443636 |
| 679 | 11 | 26 | 8.158 | 0.115384615384615 | 0.678543 |
| 680 | 11 | 31 | 13.929 | 0.12316715542522 | 0.647903 |
| 681 | 11 | 35 | 4.923 | 0.109090909090909 | 0.744829 |
| 682 | 11 | 29 | 12.645 | 0.122257053291536 | 0.646888 |
| 683 | 11 | 27 | 8.149 | 0.117845117845118 | 0.697899 |
| 684 | 11 | 45 | 14.637 | 0.107070707070707 | 0.606918 |
| 685 | 11 | 29 | 12.784 | 0.119122257053292 | 0.652988 |
| 686 | 11 | 66 | 26.209 | 0.136363636363636 | 0.485832 |
| 687 | 11 | 39 | 7.389 | 0.10955710955711 | 0.736012 |
| 688 | 11 | 28 | 11.663 | 0.107142857142857 | 0.634464 |
| 689 | 11 | 23 | 2.273 | 0.102766798418972 | 0.803175 |
| 690 | 11 | 51 | 15.22 | 0.115864527629234 | 0.579592 |
| 691 | 11 | 16 | 10 | 0.130681818181818 | 0.695599 |
| 692 | 11 | 37 | 17.065 | 0.12039312039312 | 0.632596 |
| 693 | 11 | 16 | 11.81 | 0.136363636363636 | 0.645784 |
| 694 | 11 | 23 | 5.519 | 0.106719367588933 | 0.779076 |
| 695 | 11 | 41 | 13.417 | 0.119733924611973 | 0.595965 |
| 696 | 11 | 30 | 5.017 | 0.106060606060606 | 0.783598 |
| 697 | 11 | 42 | 19.168 | 0.114718614718615 | 0.603716 |
| 698 | 11 | 55 | 27.513 | 0.128925619834711 | 0.491741 |
| 699 | 11 | 18 | 9.816 | 0.116161616161616 | 0.720162 |
| 700 | 11 | 51 | 12.272 | 0.117647058823529 | 0.667299 |
| 701 | 11 | 38 | 8.86 | 0.110047846889952 | 0.704094 |
| 702 | 11 | 71 | 17.948 | 0.111395646606914 | 0.482446 |
| 703 | 11 | 35 | 7.422 | 0.106493506493506 | 0.737586 |
| 704 | 11 | 48 | 15.767 | 0.134469696969697 | 0.621059 |
| 705 | 11 | 35 | 13.446 | 0.111688311688312 | 0.672193 |
| 706 | 11 | 93 | 27.187 | 0.134897360703812 | 0.433225 |
| 707 | 11 | 21 | 1.132 | 0.0952380952380952 | 0.863546 |
| 708 | 11 | 26 | 9.452 | 0.118881118881119 | 0.727446 |
| 709 | 11 | 15 | 9.375 | 0.127272727272727 | 0.711962 |
| 710 | 11 | 37 | 11.899 | 0.115479115479115 | 0.671738 |
| 711 | 11 | 14 | 5.137 | 0.11038961038961 | 0.795775 |
| 712 | 11 | 29 | 1.996 | 0.0971786833855799 | 0.765789 |
| 713 | 11 | 27 | 9.154 | 0.111111111111111 | 0.662012 |
| 714 | 11 | 43 | 12.376 | 0.124735729386892 | 0.663258 |
| 715 | 11 | 40 | 14.431 | 0.120454545454545 | 0.634336 |
| 716 | 11 | 20 | 13.314 | 0.127272727272727 | 0.655557 |
| 717 | 11 | 29 | 8.098 | 0.106583072100313 | 0.682459 |
| 718 | 11 | 49 | 11.198 | 0.11873840445269 | 0.627874 |
| 719 | 11 | 38 | 17.902 | 0.12200956937799 | 0.597026 |
| 720 | 11 | 29 | 6.978 | 0.106583072100313 | 0.717058 |
| 721 | 11 | 40 | 17.22 | 0.118181818181818 | 0.614219 |
| 722 | 11 | 24 | 9.265 | 0.117424242424242 | 0.709616 |
| 723 | 11 | 15 | 1.875 | 0.096969696969697 | 0.867098 |
| 724 | 11 | 32 | 12.234 | 0.113636363636364 | 0.676812 |
| 725 | 11 | 38 | 6.557 | 0.107655502392345 | 0.712524 |
| 726 | 11 | 42 | 24.044 | 0.134199134199134 | 0.550166 |
| 727 | 11 | 47 | 11.634 | 0.110251450676983 | 0.587197 |
| 728 | 11 | 38 | 11.007 | 0.110047846889952 | 0.607218 |
| 729 | 11 | 45 | 18.115 | 0.107070707070707 | 0.519349 |
| 730 | 11 | 73 | 11.685 | 0.107098381070984 | 0.493052 |
| 731 | 11 | 36 | 15.968 | 0.118686868686869 | 0.65001 |
| 732 | 11 | 27 | 8.929 | 0.107744107744108 | 0.677668 |
| 733 | 11 | 78 | 21.675 | 0.115384615384615 | 0.489801 |
| 734 | 11 | 47 | 22.682 | 0.135396518375242 | 0.571177 |
| 735 | 11 | 54 | 8.288 | 0.104377104377104 | 0.717933 |
| 736 | 11 | 24 | 12.128 | 0.121212121212121 | 0.689393 |
| 737 | 11 | 25 | 11.606 | 0.12 | 0.686807 |
| 738 | 11 | 21 | 10.409 | 0.121212121212121 | 0.688718 |
| 739 | 11 | 27 | 14.532 | 0.127946127946128 | 0.672383 |
| 740 | 11 | 17 | 7.504 | 0.117647058823529 | 0.739604 |
| 741 | 11 | 78 | 14.069 | 0.107226107226107 | 0.548148 |
| 742 | 11 | 42 | 18.83 | 0.140692640692641 | 0.557357 |
| 743 | 11 | 17 | 6.021 | 0.117647058823529 | 0.752003 |
| 744 | 11 | 29 | 14.959 | 0.134796238244514 | 0.645164 |
| 745 | 11 | 26 | 9.263 | 0.108391608391608 | 0.672151 |
| 746 | 11 | 30 | 31.603 | 0.148484848484848 | 0.496007 |
| 747 | 11 | 27 | 5.624 | 0.107744107744108 | 0.753833 |
| 748 | 11 | 40 | 11.317 | 0.102272727272727 | 0.456739 |
| 749 | 11 | 36 | 10.434 | 0.116161616161616 | 0.701262 |
| 750 | 11 | 24 | 4.28 | 0.102272727272727 | 0.758499 |
| 751 | 11 | 25 | 10.282 | 0.112727272727273 | 0.685682 |
| 752 | 11 | 16 | 8 | 0.119318181818182 | 0.718759 |
| 753 | 11 | 26 | 4.035 | 0.111888111888112 | 0.768485 |
| 754 | 11 | 46 | 18.532 | 0.106719367588933 | 0.536983 |
| 755 | 11 | 29 | 22.347 | 0.141065830721003 | 0.60193 |
| 756 | 11 | 22 | 20.28 | 0.12396694214876 | 0.60439 |
| 757 | 11 | 23 | 7.468 | 0.106719367588933 | 0.73381 |
| 758 | 11 | 42 | 14.45 | 0.125541125541126 | 0.633124 |
| 759 | 11 | 16 | 6.857 | 0.119318181818182 | 0.745967 |
| 760 | 11 | 17 | 1.832 | 0.101604278074866 | 0.847562 |
| 761 | 11 | 22 | 13.112 | 0.128099173553719 | 0.673201 |
| 762 | 11 | 22 | 20.047 | 0.12396694214876 | 0.579948 |
| 763 | 11 | 20 | 9.776 | 0.122727272727273 | 0.721477 |
| 764 | 11 | 28 | 6.339 | 0.113636363636364 | 0.70606 |
| 765 | 11 | 29 | 6.931 | 0.109717868338558 | 0.729726 |
| 766 | 11 | 41 | 15.603 | 0.11529933481153 | 0.622352 |
| 767 | 11 | 43 | 9.96 | 0.109936575052854 | 0.653044 |
| 768 | 11 | 30 | 22.565 | 0.121212121212121 | 0.572448 |
| 769 | 11 | 46 | 26.297 | 0.120553359683794 | 0.504925 |
| 770 | 11 | 69 | 21.244 | 0.115942028985507 | 0.417828 |
| 771 | 11 | 26 | 16.456 | 0.132867132867133 | 0.635684 |
| 772 | 11 | 29 | 16.982 | 0.119122257053292 | 0.612825 |
| 773 | 11 | 47 | 16.274 | 0.11605415860735 | 0.604944 |
| 774 | 11 | 38 | 15.541 | 0.124401913875598 | 0.60387 |
| 775 | 11 | 35 | 2.038 | 0.0961038961038961 | 0.791736 |
| 776 | 11 | 34 | 10.41 | 0.117647058823529 | 0.663679 |
| 777 | 11 | 45 | 20.722 | 0.115151515151515 | 0.537652 |
| 778 | 11 | 29 | 2.35 | 0.103448275862069 | 0.762092 |
| 779 | 11 | 34 | 12.812 | 0.120320855614973 | 0.664635 |
| 780 | 11 | 14 | 2.74 | 0.103896103896104 | 0.812422 |
| 781 | 11 | 12 | 7.025 | 0.128787878787879 | 0.750806 |
| 782 | 11 | 20 | 12.721 | 0.122727272727273 | 0.695415 |
| 783 | 11 | 25 | 0.986 | 0.0945454545454545 | 0.840148 |
| 784 | 11 | 24 | 3.021 | 0.109848484848485 | 0.75617 |
| 785 | 11 | 33 | 7.136 | 0.107438016528926 | 0.734973 |
| 786 | 11 | 34 | 8.812 | 0.106951871657754 | 0.732431 |
| 787 | 11 | 32 | 13.622 | 0.119318181818182 | 0.647335 |
| 788 | 11 | 38 | 19.409 | 0.129186602870813 | 0.574028 |
| 789 | 11 | 40 | 14.202 | 0.109090909090909 | 0.611485 |
| 790 | 11 | 45 | 14.899 | 0.125252525252525 | 0.608172 |
| 791 | 11 | 32 | 9.365 | 0.116477272727273 | 0.697144 |
| 792 | 11 | 44 | 9.132 | 0.107438016528926 | 0.721086 |
| 793 | 11 | 30 | 14.871 | 0.121212121212121 | 0.63807 |
| 794 | 11 | 30 | 9.862 | 0.115151515151515 | 0.702153 |
| 795 | 11 | 36 | 8.741 | 0.111111111111111 | 0.711195 |
| 796 | 11 | 66 | 11.764 | 0.103305785123967 | 0.439417 |
| 797 | 11 | 34 | 17.095 | 0.120320855614973 | 0.619698 |
| 798 | 11 | 25 | 7.981 | 0.112727272727273 | 0.741868 |
| 799 | 11 | 39 | 9.95 | 0.104895104895105 | 0.677464 |
| 800 | 11 | 20 | 1.633 | 0.1 | 0.79744 |
| 801 | 11 | 20 | 12.993 | 0.131818181818182 | 0.668198 |
| 802 | 11 | 28 | 9.065 | 0.116883116883117 | 0.695926 |
| 803 | 11 | 39 | 19.912 | 0.114219114219114 | 0.549718 |
| 804 | 11 | 38 | 9.371 | 0.107655502392345 | 0.705613 |
| 805 | 11 | 32 | 9.334 | 0.113636363636364 | 0.67244 |
| 806 | 11 | 42 | 10.901 | 0.108225108225108 | 0.685537 |
| 807 | 11 | 30 | 12.313 | 0.115151515151515 | 0.668222 |
| 808 | 11 | 41 | 11.09 | 0.117516629711752 | 0.678475 |
| 809 | 11 | 30 | 8.537 | 0.106060606060606 | 0.661159 |
| 810 | 11 | 30 | 9.32 | 0.118181818181818 | 0.716572 |
| 811 | 11 | 31 | 16.925 | 0.126099706744868 | 0.616498 |
| 812 | 11 | 24 | 7.905 | 0.109848484848485 | 0.713371 |
| 813 | 11 | 39 | 21.164 | 0.135198135198135 | 0.576648 |
| 814 | 11 | 62 | 20.319 | 0.112903225806452 | 0.439486 |
| 815 | 11 | 25 | 6.901 | 0.109090909090909 | 0.715486 |
| 816 | 11 | 65 | 7.541 | 0.0993006993006993 | 0.410585 |
| 817 | 11 | 42 | 10.722 | 0.112554112554113 | 0.64528 |
| 818 | 11 | 15 | 6.875 | 0.115151515151515 | 0.753397 |
| 819 | 11 | 29 | 2.965 | 0.106583072100313 | 0.730032 |
| 820 | 11 | 22 | 12.121 | 0.12396694214876 | 0.661057 |
| 821 | 11 | 60 | 16.174 | 0.104545454545455 | 0.371307 |
| 822 | 11 | 19 | 5.31 | 0.114832535885167 | 0.774237 |
| 823 | 11 | 31 | 15.124 | 0.117302052785924 | 0.641819 |
| 824 | 11 | 32 | 18.711 | 0.127840909090909 | 0.618715 |
| 825 | 11 | 21 | 6.805 | 0.108225108225108 | 0.734332 |
| 826 | 11 | 30 | 12.338 | 0.118181818181818 | 0.675155 |
| 827 | 11 | 64 | 24.574 | 0.115056818181818 | 0.448208 |
| 828 | 11 | 36 | 12.493 | 0.116161616161616 | 0.68047 |
| 829 | 11 | 17 | 8.377 | 0.128342245989305 | 0.739523 |
| 830 | 11 | 31 | 14.089 | 0.126099706744868 | 0.639212 |
| 831 | 11 | 22 | 3.671 | 0.103305785123967 | 0.796722 |
| 832 | 11 | 20 | 10.952 | 0.136363636363636 | 0.651061 |
| 833 | 11 | 35 | 15.788 | 0.127272727272727 | 0.632603 |
| 834 | 11 | 32 | 16.343 | 0.116477272727273 | 0.609104 |
| 835 | 11 | 24 | 5.851 | 0.106060606060606 | 0.75758 |
| 836 | 11 | 34 | 17.399 | 0.125668449197861 | 0.600222 |
| 837 | 11 | 37 | 12.18 | 0.110565110565111 | 0.665618 |
| 838 | 11 | 30 | 10.381 | 0.109090909090909 | 0.694378 |
| 839 | 11 | 41 | 9.95 | 0.106430155210643 | 0.622768 |
| 840 | 11 | 32 | 9.861 | 0.119318181818182 | 0.681914 |
| 841 | 11 | 24 | 7.16 | 0.109848484848485 | 0.768063 |
| 842 | 11 | 14 | 12.9 | 0.142857142857143 | 0.704495 |
| 843 | 11 | 16 | 15.048 | 0.130681818181818 | 0.663463 |
| 844 | 11 | 38 | 14.204 | 0.110047846889952 | 0.563743 |
| 845 | 11 | 22 | 11.976 | 0.12396694214876 | 0.669945 |
| 846 | 11 | 20 | 5.714 | 0.109090909090909 | 0.791593 |
| 847 | 11 | 19 | 3.761 | 0.105263157894737 | 0.803643 |
| 848 | 11 | 16 | 7.429 | 0.125 | 0.710687 |
| 849 | 11 | 22 | 9.685 | 0.111570247933884 | 0.707755 |
| 850 | 11 | 25 | 12.632 | 0.123636363636364 | 0.688525 |
| 851 | 11 | 31 | 14.205 | 0.129032258064516 | 0.635279 |
| 852 | 11 | 39 | 11.106 | 0.121212121212121 | 0.670431 |
| 853 | 11 | 50 | 19.286 | 0.112727272727273 | 0.590475 |
| 854 | 11 | 18 | 0.962 | 0.095959595959596 | 0.869716 |
| 855 | 11 | 21 | 5.66 | 0.116883116883117 | 0.743421 |
| 856 | 11 | 20 | 12.789 | 0.127272727272727 | 0.659385 |
| 857 | 11 | 23 | 9.426 | 0.114624505928854 | 0.725263 |
| 858 | 11 | 33 | 11.107 | 0.129476584022039 | 0.67944 |
| 859 | 11 | 35 | 5.646 | 0.106493506493506 | 0.774465 |
| 860 | 11 | 29 | 2.169 | 0.100313479623824 | 0.778242 |
| 861 | 11 | 22 | 15.385 | 0.132231404958678 | 0.650339 |
| 862 | 11 | 41 | 25.136 | 0.139689578713969 | 0.525534 |
| 863 | 11 | 70 | 17.374 | 0.103896103896104 | 0.471982 |
| 864 | 11 | 36 | 7.948 | 0.108585858585859 | 0.686252 |
| 865 | 11 | 32 | 21.071 | 0.133522727272727 | 0.603844 |
| 866 | 11 | 24 | 1.813 | 0.102272727272727 | 0.737923 |
| 867 | 11 | 19 | 16.077 | 0.133971291866029 | 0.638981 |
| 868 | 11 | 40 | 22.866 | 0.120454545454545 | 0.577733 |
| 869 | 11 | 21 | 1.509 | 0.0952380952380952 | 0.842887 |
| 870 | 11 | 12 | 13.774 | 0.151515151515152 | 0.637457 |
| 871 | 11 | 21 | 11.429 | 0.112554112554113 | 0.677452 |
| 872 | 11 | 37 | 10.434 | 0.117936117936118 | 0.690912 |
| 873 | 11 | 18 | 5.288 | 0.116161616161616 | 0.757967 |
| 874 | 11 | 32 | 21.881 | 0.127840909090909 | 0.593531 |
| 875 | 11 | 31 | 5.316 | 0.102639296187683 | 0.77217 |
| 876 | 11 | 31 | 7.987 | 0.108504398826979 | 0.740617 |
| 877 | 11 | 23 | 13.929 | 0.126482213438735 | 0.63276 |
| 878 | 11 | 20 | 12.177 | 0.127272727272727 | 0.649184 |
| 879 | 11 | 17 | 8.377 | 0.117647058823529 | 0.756133 |
| 880 | 11 | 19 | 8.85 | 0.124401913875598 | 0.650835 |
| 881 | 11 | 21 | 5.283 | 0.0995670995670996 | 0.750397 |
| 882 | 11 | 14 | 9.247 | 0.123376623376623 | 0.742322 |
| 883 | 11 | 9 | 8.791 | 0.141414141414141 | 0.724439 |
| 884 | 11 | 34 | 12.767 | 0.120320855614973 | 0.681422 |
| 885 | 11 | 36 | 14.85 | 0.126262626262626 | 0.62315 |
| 886 | 11 | 37 | 14.383 | 0.12039312039312 | 0.658834 |
| 887 | 11 | 15 | 2.5 | 0.115151515151515 | 0.808794 |
| 888 | 11 | 40 | 3.473 | 0.102272727272727 | 0.801896 |
| 889 | 11 | 47 | 16.821 | 0.112185686653772 | 0.537997 |
| 890 | 11 | 15 | 5 | 0.109090909090909 | 0.827085 |
| 891 | 11 | 33 | 7.986 | 0.110192837465565 | 0.723059 |
| 892 | 11 | 17 | 12.347 | 0.13903743315508 | 0.698175 |
| 893 | 11 | 18 | 6.41 | 0.106060606060606 | 0.761833 |
| 894 | 11 | 31 | 11.192 | 0.111436950146628 | 0.703537 |
| 895 | 11 | 30 | 12.908 | 0.127272727272727 | 0.650176 |
| 896 | 11 | 46 | 19.849 | 0.124505928853755 | 0.541903 |
| 897 | 11 | 60 | 23.139 | 0.11969696969697 | 0.558835 |
| 898 | 11 | 19 | 15.56 | 0.129186602870813 | 0.66387 |
| 899 | 11 | 33 | 23.837 | 0.15702479338843 | 0.514585 |
| 900 | 11 | 24 | 5.086 | 0.109848484848485 | 0.77995 |
| 901 | 11 | 27 | 11.02 | 0.114478114478114 | 0.682464 |
| 902 | 11 | 17 | 7.33 | 0.128342245989305 | 0.699599 |
| 903 | 11 | 35 | 11.445 | 0.111688311688312 | 0.693285 |
| 904 | 11 | 35 | 16.641 | 0.119480519480519 | 0.611476 |
| 905 | 11 | 28 | 8.526 | 0.11038961038961 | 0.719657 |
| 906 | 11 | 26 | 8.904 | 0.122377622377622 | 0.684839 |
| 907 | 11 | 38 | 20.976 | 0.117224880382775 | 0.573045 |
| 908 | 11 | 22 | 14.948 | 0.132231404958678 | 0.607373 |
| 909 | 11 | 28 | 10.662 | 0.12012987012987 | 0.712869 |
| 910 | 11 | 51 | 16.576 | 0.124777183600713 | 0.610766 |
| 911 | 11 | 31 | 9.114 | 0.117302052785924 | 0.681817 |
| 912 | 11 | 19 | 8.85 | 0.114832535885167 | 0.701327 |
| 913 | 11 | 31 | 6.758 | 0.108504398826979 | 0.733313 |
| 914 | 11 | 33 | 12.213 | 0.118457300275482 | 0.667871 |
| 915 | 11 | 23 | 9.091 | 0.110671936758893 | 0.723148 |
| 916 | 11 | 32 | 20.064 | 0.133522727272727 | 0.571708 |
| 917 | 11 | 19 | 11.394 | 0.129186602870813 | 0.684443 |
| 918 | 11 | 22 | 9.149 | 0.111570247933884 | 0.732442 |
| 919 | 11 | 18 | 5.208 | 0.111111111111111 | 0.776789 |
| 920 | 11 | 17 | 11.518 | 0.117647058823529 | 0.698287 |
| 921 | 11 | 76 | 23.194 | 0.117224880382775 | 0.493289 |
| 922 | 11 | 20 | 8.449 | 0.122727272727273 | 0.702275 |
| 923 | 11 | 40 | 16.252 | 0.125 | 0.626723 |
| 924 | 11 | 36 | 10.33 | 0.108585858585859 | 0.714913 |
| 925 | 11 | 19 | 5.973 | 0.110047846889952 | 0.750402 |
| 926 | 11 | 18 | 7.372 | 0.116161616161616 | 0.723943 |
| 927 | 11 | 44 | 17.476 | 0.111570247933884 | 0.599395 |
| 928 | 11 | 19 | 10.214 | 0.124401913875598 | 0.684853 |
| 929 | 11 | 28 | 12.741 | 0.113636363636364 | 0.637492 |
| 930 | 11 | 19 | 5.015 | 0.114832535885167 | 0.756878 |
| 931 | 11 | 30 | 7.993 | 0.112121212121212 | 0.718709 |
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| 935 | 11 | 38 | 6.585 | 0.105263157894737 | 0.701893 |
| 936 | 11 | 36 | 31.869 | 0.133838383838384 | 0.528256 |
| 937 | 11 | 26 | 6.009 | 0.111888111888112 | 0.687435 |
| 938 | 11 | 33 | 4.131 | 0.104683195592287 | 0.736078 |
| 939 | 11 | 25 | 3.099 | 0.105454545454545 | 0.779949 |
| 940 | 11 | 55 | 22.358 | 0.12396694214876 | 0.565108 |
| 941 | 11 | 25 | 12.911 | 0.105454545454545 | 0.65273 |
| 942 | 11 | 40 | 9.479 | 0.109090909090909 | 0.710871 |
| 943 | 11 | 48 | 18.185 | 0.113636363636364 | 0.571055 |
| 944 | 11 | 50 | 18.994 | 0.118181818181818 | 0.590241 |
| 945 | 11 | 14 | 12.329 | 0.136363636363636 | 0.639408 |
| 946 | 11 | 30 | 6.633 | 0.109090909090909 | 0.745302 |
| 947 | 11 | 22 | 9.557 | 0.119834710743802 | 0.737155 |
| 948 | 11 | 43 | 10.508 | 0.107822410147992 | 0.532431 |
| 949 | 11 | 27 | 16.901 | 0.124579124579125 | 0.595274 |
| 950 | 11 | 45 | 23.304 | 0.125252525252525 | 0.586838 |
| 951 | 11 | 31 | 7.163 | 0.0997067448680352 | 0.728301 |
| 952 | 11 | 23 | 15.855 | 0.118577075098814 | 0.593277 |
| 953 | 11 | 23 | 12.175 | 0.126482213438735 | 0.68061 |
| 954 | 11 | 20 | 0.816 | 0.0954545454545455 | 0.843449 |
| 955 | 11 | 27 | 6.638 | 0.111111111111111 | 0.737306 |
| 956 | 11 | 40 | 5.932 | 0.111363636363636 | 0.715052 |
| 957 | 11 | 30 | 7.852 | 0.112121212121212 | 0.736237 |
| 958 | 11 | 37 | 13.527 | 0.12039312039312 | 0.66425 |
| 959 | 11 | 19 | 7.891 | 0.114832535885167 | 0.765557 |
| 960 | 11 | 38 | 8.008 | 0.107655502392345 | 0.68191 |
| 961 | 11 | 15 | 19.583 | 0.145454545454545 | 0.600649 |
| 962 | 11 | 22 | 16.026 | 0.136363636363636 | 0.599587 |
| 963 | 11 | 37 | 16.246 | 0.125307125307125 | 0.634703 |
| 964 | 11 | 28 | 4.811 | 0.107142857142857 | 0.772195 |
| 965 | 11 | 47 | 17.867 | 0.117988394584139 | 0.609728 |
| 966 | 11 | 20 | 6.463 | 0.113636363636364 | 0.726335 |
| 967 | 11 | 35 | 12.273 | 0.114285714285714 | 0.648701 |
| 968 | 11 | 25 | 7.887 | 0.109090909090909 | 0.723265 |
| 969 | 11 | 41 | 4.79 | 0.106430155210643 | 0.733004 |
| 970 | 11 | 17 | 10.471 | 0.13903743315508 | 0.678942 |
| 971 | 11 | 25 | 10.726 | 0.123636363636364 | 0.686796 |
| 972 | 11 | 19 | 6.637 | 0.119617224880383 | 0.753536 |
| 973 | 11 | 19 | 7.375 | 0.114832535885167 | 0.756877 |
| 974 | 11 | 21 | 8.113 | 0.112554112554113 | 0.718869 |
| 975 | 11 | 28 | 9.209 | 0.11038961038961 | 0.695438 |
| 976 | 11 | 34 | 12.863 | 0.114973262032086 | 0.674358 |
| 977 | 11 | 30 | 18.173 | 0.133333333333333 | 0.596026 |
| 978 | 11 | 38 | 18.523 | 0.126794258373206 | 0.581653 |
| 979 | 11 | 22 | 7.517 | 0.107438016528926 | 0.726261 |
| 980 | 11 | 17 | 10.602 | 0.133689839572193 | 0.691145 |
| 981 | 11 | 28 | 8.064 | 0.107142857142857 | 0.725367 |
| 982 | 11 | 46 | 32.166 | 0.146245059288538 | 0.471842 |
| 983 | 11 | 40 | 5.668 | 0.104545454545455 | 0.763159 |
| 984 | 11 | 23 | 16.017 | 0.130434782608696 | 0.613358 |
| 985 | 11 | 18 | 11.058 | 0.121212121212121 | 0.708273 |
| 986 | 11 | 19 | 29.499 | 0.172248803827751 | 0.48531 |
| 987 | 11 | 48 | 17.22 | 0.117424242424242 | 0.614409 |
| 988 | 11 | 53 | 37.243 | 0.150943396226415 | 0.463421 |
| 989 | 11 | 25 | 2.394 | 0.101818181818182 | 0.77926 |
| 990 | 11 | 65 | 9.485 | 0.0965034965034965 | 0.38748 |
| 991 | 11 | 44 | 7.895 | 0.101239669421488 | 0.672984 |
| 992 | 11 | 29 | 3.615 | 0.100313479623824 | 0.78703 |
| 993 | 11 | 37 | 13.186 | 0.12039312039312 | 0.65842 |
| 994 | 11 | 17 | 7.941 | 0.122994652406417 | 0.703156 |
| 995 | 11 | 22 | 12.687 | 0.111570247933884 | 0.659747 |
| 996 | 11 | 30 | 5.914 | 0.103030303030303 | 0.750792 |
| 997 | 11 | 16 | 25.4 | 0.170454545454545 | 0.548857 |
| 998 | 11 | 22 | 4.545 | 0.115702479338843 | 0.816256 |
| 999 | 11 | 43 | 20.394 | 0.118393234672304 | 0.610595 |
| 1000 | 11 | 47 | 16.923 | 0.110251450676983 | 0.556423 |

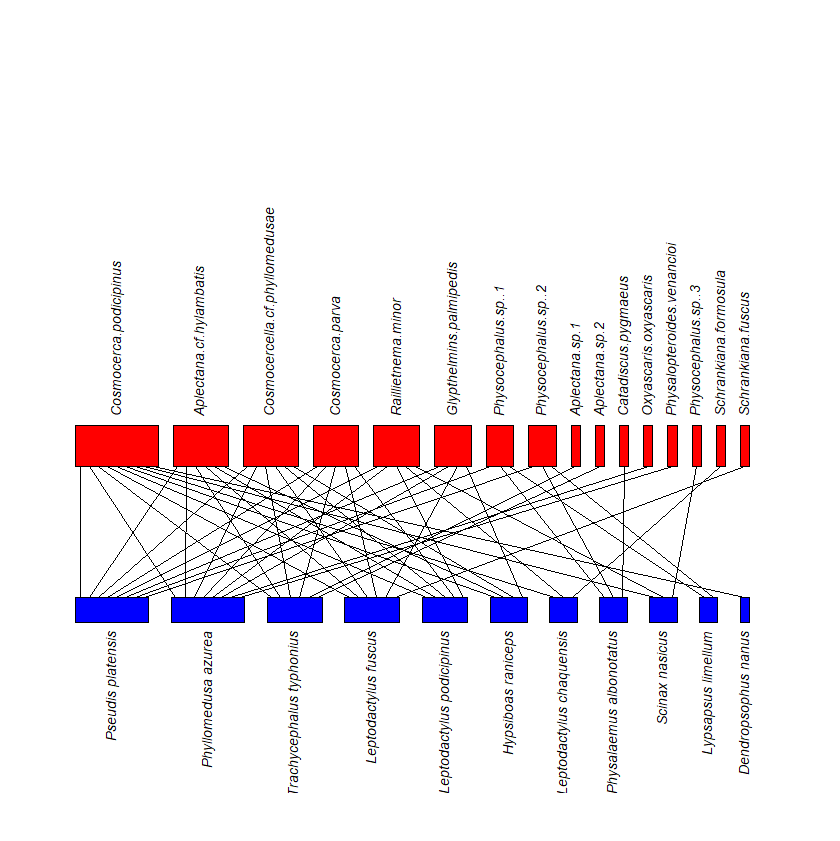
**Table 5**. Characterization of the random network of the phylogeny model for Atlantic rainforest.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Host | Parasites | Nestedness | Connectance | Modularity |
| 1 | 11 | 45 | 13.072 | 0.117171717171717 | 0.648577 |
| 2 | 11 | 44 | 19.933 | 0.121900826446281 | 0.548928 |
| 3 | 11 | 29 | 4.237 | 0.109717868338558 | 0.773805 |
| 4 | 11 | 38 | 17.064 | 0.126794258373206 | 0.61298 |
| 5 | 11 | 14 | 4.11 | 0.116883116883117 | 0.796227 |
| 6 | 11 | 22 | 7.692 | 0.115702479338843 | 0.742283 |
| 7 | 11 | 22 | 6.177 | 0.111570247933884 | 0.742046 |
| 8 | 11 | 43 | 4.196 | 0.101479915433404 | 0.715205 |
| 9 | 11 | 35 | 8.91 | 0.114285714285714 | 0.698802 |
| 10 | 11 | 69 | 12.663 | 0.105401844532279 | 0.454951 |
| 11 | 11 | 23 | 9.004 | 0.122529644268775 | 0.683607 |
| 12 | 11 | 22 | 13.17 | 0.128099173553719 | 0.606613 |
| 13 | 11 | 31 | 9.518 | 0.120234604105572 | 0.671566 |
| 14 | 11 | 17 | 14.311 | 0.13903743315508 | 0.621253 |
| 15 | 11 | 20 | 17.823 | 0.127272727272727 | 0.647903 |
| 16 | 11 | 15 | 3.125 | 0.103030303030303 | 0.837289 |
| 17 | 11 | 24 | 13.615 | 0.132575757575758 | 0.644031 |
| 18 | 11 | 43 | 15.979 | 0.12262156448203 | 0.619152 |
| 19 | 11 | 29 | 11.28 | 0.115987460815047 | 0.677803 |
| 20 | 11 | 31 | 4.103 | 0.102639296187683 | 0.799105 |
| 21 | 11 | 23 | 10.687 | 0.126482213438735 | 0.681585 |
| 22 | 11 | 20 | 2.857 | 0.104545454545455 | 0.797654 |
| 23 | 11 | 38 | 14.891 | 0.114832535885167 | 0.58241 |
| 24 | 11 | 30 | 20.137 | 0.136363636363636 | 0.603408 |
| 25 | 11 | 39 | 22.698 | 0.118881118881119 | 0.558579 |
| 26 | 11 | 35 | 14.577 | 0.122077922077922 | 0.650013 |
| 27 | 11 | 32 | 15.336 | 0.139204545454545 | 0.607617 |
| 28 | 11 | 32 | 25.267 | 0.139204545454545 | 0.559307 |
| 29 | 11 | 45 | 21.193 | 0.135353535353535 | 0.590952 |
| 30 | 11 | 26 | 24.254 | 0.136363636363636 | 0.559453 |
| 31 | 11 | 33 | 18.103 | 0.129476584022039 | 0.625574 |
| 32 | 11 | 47 | 14.043 | 0.112185686653772 | 0.629847 |
| 33 | 11 | 19 | 6.858 | 0.119617224880383 | 0.750335 |
| 34 | 11 | 47 | 17.271 | 0.108317214700193 | 0.574879 |
| 35 | 11 | 50 | 18.331 | 0.123636363636364 | 0.587318 |
| 36 | 11 | 37 | 10.685 | 0.117936117936118 | 0.698724 |
| 37 | 11 | 43 | 11.371 | 0.109936575052854 | 0.652305 |
| 38 | 11 | 38 | 14.867 | 0.114832535885167 | 0.657492 |
| 39 | 11 | 68 | 25.096 | 0.120320855614973 | 0.533405 |
| 40 | 11 | 30 | 5.289 | 0.106060606060606 | 0.764009 |
| 41 | 11 | 12 | 25.138 | 0.166666666666667 | 0.59087 |
| 42 | 11 | 24 | 9.124 | 0.109848484848485 | 0.722882 |
| 43 | 11 | 29 | 16.095 | 0.119122257053292 | 0.648141 |
| 44 | 11 | 30 | 6.071 | 0.103030303030303 | 0.780201 |
| 45 | 11 | 32 | 32.254 | 0.136363636363636 | 0.51211 |
| 46 | 11 | 18 | 2.885 | 0.106060606060606 | 0.816248 |
| 47 | 11 | 27 | 5.7 | 0.101010101010101 | 0.755481 |
| 48 | 11 | 33 | 21.532 | 0.134986225895317 | 0.585961 |
| 49 | 11 | 28 | 18.996 | 0.126623376623377 | 0.597582 |
| 50 | 11 | 30 | 10.347 | 0.112121212121212 | 0.703369 |
| 51 | 11 | 31 | 12.715 | 0.129032258064516 | 0.619781 |
| 52 | 11 | 18 | 11.699 | 0.136363636363636 | 0.66799 |
| 53 | 11 | 27 | 10.708 | 0.117845117845118 | 0.684839 |
| 54 | 11 | 26 | 8.947 | 0.115384615384615 | 0.699661 |
| 55 | 11 | 25 | 15.512 | 0.145454545454545 | 0.597459 |
| 56 | 11 | 24 | 21.017 | 0.136363636363636 | 0.57943 |
| 57 | 11 | 16 | 16.19 | 0.147727272727273 | 0.603508 |
| 58 | 11 | 18 | 3.846 | 0.111111111111111 | 0.795379 |
| 59 | 11 | 28 | 11.663 | 0.113636363636364 | 0.565656 |
| 60 | 11 | 46 | 16.243 | 0.112648221343874 | 0.615823 |
| 61 | 11 | 24 | 8.369 | 0.121212121212121 | 0.685487 |
| 62 | 11 | 38 | 17.256 | 0.129186602870813 | 0.624433 |
| 63 | 11 | 16 | 12.667 | 0.136363636363636 | 0.67356 |
| 64 | 11 | 30 | 10.612 | 0.121212121212121 | 0.686192 |
| 65 | 11 | 16 | 22.19 | 0.153409090909091 | 0.615869 |
| 66 | 11 | 28 | 9.792 | 0.12012987012987 | 0.67781 |
| 67 | 11 | 34 | 10.287 | 0.125668449197861 | 0.652731 |
| 68 | 11 | 15 | 1.25 | 0.096969696969697 | 0.843663 |
| 69 | 11 | 35 | 8.583 | 0.114285714285714 | 0.668843 |
| 70 | 11 | 79 | 16.574 | 0.111622554660529 | 0.538049 |
| 71 | 11 | 25 | 11.69 | 0.123636363636364 | 0.683334 |
| 72 | 11 | 54 | 17.522 | 0.132996632996633 | 0.575665 |
| 73 | 11 | 48 | 16.915 | 0.119318181818182 | 0.552233 |
| 74 | 11 | 29 | 5.278 | 0.100313479623824 | 0.771407 |
| 75 | 11 | 18 | 9.776 | 0.121212121212121 | 0.725632 |
| 76 | 11 | 27 | 21.597 | 0.148148148148148 | 0.550065 |
| 77 | 11 | 38 | 6.701 | 0.107655502392345 | 0.715487 |
| 78 | 11 | 35 | 8.256 | 0.109090909090909 | 0.73009 |
| 79 | 11 | 26 | 5.614 | 0.108391608391608 | 0.708571 |
| 80 | 11 | 47 | 21.822 | 0.131528046421663 | 0.568078 |
| 81 | 11 | 33 | 14.308 | 0.121212121212121 | 0.581043 |
| 82 | 11 | 33 | 15.62 | 0.12396694214876 | 0.650317 |
| 83 | 11 | 26 | 10.915 | 0.115384615384615 | 0.682217 |
| 84 | 11 | 44 | 17.617 | 0.117768595041322 | 0.535189 |
| 85 | 11 | 39 | 11.307 | 0.128205128205128 | 0.640942 |
| 86 | 11 | 24 | 7.855 | 0.109848484848485 | 0.730013 |
| 87 | 11 | 37 | 26.901 | 0.13022113022113 | 0.555668 |
| 88 | 11 | 24 | 12.764 | 0.117424242424242 | 0.685683 |
| 89 | 11 | 26 | 9.43 | 0.122377622377622 | 0.657088 |
| 90 | 11 | 24 | 7.754 | 0.117424242424242 | 0.704412 |
| 91 | 11 | 26 | 7.526 | 0.125874125874126 | 0.715221 |
| 92 | 11 | 63 | 29.046 | 0.122655122655123 | 0.460163 |
| 93 | 11 | 34 | 6.737 | 0.10427807486631 | 0.710645 |
| 94 | 11 | 29 | 13.955 | 0.122257053291536 | 0.638998 |
| 95 | 11 | 15 | 15.521 | 0.139393939393939 | 0.665357 |
| 96 | 11 | 41 | 11.397 | 0.11529933481153 | 0.66784 |
| 97 | 11 | 26 | 8.539 | 0.111888111888112 | 0.749933 |
| 98 | 11 | 27 | 9.483 | 0.111111111111111 | 0.734551 |
| 99 | 11 | 27 | 10.096 | 0.121212121212121 | 0.704416 |
| 100 | 11 | 21 | 12.868 | 0.134199134199134 | 0.641989 |
| 101 | 11 | 26 | 12.268 | 0.118881118881119 | 0.681603 |
| 102 | 11 | 15 | 10 | 0.127272727272727 | 0.684748 |
| 103 | 11 | 46 | 19.406 | 0.126482213438735 | 0.561722 |
| 104 | 11 | 27 | 11.453 | 0.121212121212121 | 0.678955 |
| 105 | 11 | 39 | 9.031 | 0.114219114219114 | 0.68507 |
| 106 | 11 | 15 | 12.083 | 0.127272727272727 | 0.671149 |
| 107 | 11 | 24 | 16.969 | 0.136363636363636 | 0.653499 |
| 108 | 11 | 51 | 30.689 | 0.13903743315508 | 0.477117 |
| 109 | 11 | 55 | 14.407 | 0.115702479338843 | 0.578314 |
| 110 | 11 | 24 | 9.97 | 0.121212121212121 | 0.691348 |
| 111 | 11 | 26 | 11.579 | 0.118881118881119 | 0.672089 |
| 112 | 11 | 48 | 22.317 | 0.126893939393939 | 0.598747 |
| 113 | 11 | 35 | 13.064 | 0.116883116883117 | 0.647842 |
| 114 | 11 | 33 | 8.525 | 0.110192837465565 | 0.714934 |
| 115 | 11 | 28 | 9.625 | 0.116883116883117 | 0.704411 |
| 116 | 11 | 43 | 17.154 | 0.116279069767442 | 0.611845 |
| 117 | 11 | 77 | 20.03 | 0.112160566706021 | 0.545431 |
| 118 | 11 | 32 | 12.78 | 0.127840909090909 | 0.679451 |
| 119 | 11 | 32 | 7.403 | 0.107954545454545 | 0.739543 |
| 120 | 11 | 23 | 16.234 | 0.126482213438735 | 0.640571 |
| 121 | 11 | 32 | 7.319 | 0.107954545454545 | 0.722231 |
| 122 | 11 | 19 | 17.566 | 0.138755980861244 | 0.594487 |
| 123 | 11 | 27 | 9.433 | 0.117845117845118 | 0.699532 |
| 124 | 11 | 49 | 14.132 | 0.116883116883117 | 0.57415 |
| 125 | 11 | 15 | 11.771 | 0.133333333333333 | 0.671436 |
| 126 | 11 | 31 | 11.244 | 0.126099706744868 | 0.671119 |
| 127 | 11 | 38 | 12.693 | 0.119617224880383 | 0.633541 |
| 128 | 11 | 50 | 10.043 | 0.112727272727273 | 0.694006 |
| 129 | 11 | 30 | 12.143 | 0.112121212121212 | 0.660275 |
| 130 | 11 | 39 | 9.255 | 0.111888111888112 | 0.652716 |
| 131 | 11 | 16 | 4.857 | 0.113636363636364 | 0.757433 |
| 132 | 11 | 69 | 18.611 | 0.10935441370224 | 0.506406 |
| 133 | 11 | 25 | 1.69 | 0.0981818181818182 | 0.814731 |
| 134 | 11 | 10 | 7 | 0.136363636363636 | 0.719947 |
| 135 | 11 | 40 | 16.713 | 0.127272727272727 | 0.625585 |
| 136 | 11 | 35 | 13.333 | 0.122077922077922 | 0.657707 |
| 137 | 11 | 35 | 15.2 | 0.122077922077922 | 0.626928 |
| 138 | 11 | 32 | 19.902 | 0.130681818181818 | 0.585021 |
| 139 | 11 | 30 | 16.728 | 0.124242424242424 | 0.621601 |
| 140 | 11 | 21 | 4.906 | 0.112554112554113 | 0.74697 |
| 141 | 11 | 50 | 17.637 | 0.114545454545455 | 0.580947 |
| 142 | 11 | 13 | 0 | 0.104895104895105 | 0.844362 |
| 143 | 11 | 35 | 11.358 | 0.124675324675325 | 0.659669 |
| 144 | 11 | 41 | 13.208 | 0.117516629711752 | 0.509737 |
| 145 | 11 | 21 | 10.755 | 0.121212121212121 | 0.678513 |
| 146 | 11 | 13 | 18.484 | 0.153846153846154 | 0.619792 |
| 147 | 11 | 37 | 19.673 | 0.12039312039312 | 0.579703 |
| 148 | 11 | 30 | 15.642 | 0.13030303030303 | 0.60893 |
| 149 | 11 | 23 | 5.303 | 0.102766798418972 | 0.770635 |
| 150 | 11 | 28 | 11.696 | 0.12012987012987 | 0.669771 |
| 151 | 11 | 42 | 13.771 | 0.123376623376623 | 0.615522 |
| 152 | 11 | 33 | 11.883 | 0.12396694214876 | 0.627597 |
| 153 | 11 | 50 | 25.898 | 0.118181818181818 | 0.52019 |
| 154 | 11 | 38 | 22.166 | 0.136363636363636 | 0.563207 |
| 155 | 11 | 26 | 15.219 | 0.125874125874126 | 0.660438 |
| 156 | 11 | 28 | 8.463 | 0.113636363636364 | 0.71912 |
| 157 | 11 | 38 | 18.672 | 0.133971291866029 | 0.574256 |
| 158 | 11 | 27 | 11.946 | 0.124579124579125 | 0.660281 |
| 159 | 11 | 30 | 10.796 | 0.115151515151515 | 0.695229 |
| 160 | 11 | 35 | 20.545 | 0.135064935064935 | 0.572069 |
| 161 | 11 | 33 | 27.966 | 0.126721763085399 | 0.55855 |
| 162 | 11 | 19 | 5.9 | 0.110047846889952 | 0.788207 |
| 163 | 11 | 40 | 29.726 | 0.136363636363636 | 0.546067 |
| 164 | 11 | 22 | 12.179 | 0.12396694214876 | 0.697719 |
| 165 | 11 | 38 | 22.142 | 0.117224880382775 | 0.548469 |
| 166 | 11 | 24 | 11.43 | 0.121212121212121 | 0.679629 |
| 167 | 11 | 31 | 7.909 | 0.111436950146628 | 0.720848 |
| 168 | 11 | 41 | 14.624 | 0.110864745011086 | 0.641538 |
| 169 | 11 | 26 | 15.904 | 0.143356643356643 | 0.65373 |
| 170 | 11 | 38 | 7.161 | 0.105263157894737 | 0.705509 |
| 171 | 11 | 30 | 15.488 | 0.115151515151515 | 0.650218 |
| 172 | 11 | 23 | 14.827 | 0.134387351778656 | 0.61241 |
| 173 | 11 | 32 | 10.133 | 0.116477272727273 | 0.698926 |
| 174 | 11 | 29 | 26.168 | 0.134796238244514 | 0.56026 |
| 175 | 11 | 36 | 18.312 | 0.128787878787879 | 0.603564 |
| 176 | 11 | 45 | 11.815 | 0.113131313131313 | 0.668946 |
| 177 | 11 | 31 | 6.686 | 0.117302052785924 | 0.722436 |
| 178 | 11 | 23 | 8.885 | 0.110671936758893 | 0.729525 |
| 179 | 11 | 21 | 5.66 | 0.103896103896104 | 0.774231 |
| 180 | 11 | 39 | 24.149 | 0.132867132867133 | 0.576439 |
| 181 | 11 | 15 | 13.021 | 0.133333333333333 | 0.683832 |
| 182 | 11 | 31 | 23.369 | 0.13782991202346 | 0.555412 |
| 183 | 11 | 67 | 13.597 | 0.104477611940299 | 0.462254 |
| 184 | 11 | 57 | 20.308 | 0.13237639553429 | 0.554755 |
| 185 | 11 | 38 | 16.796 | 0.124401913875598 | 0.633453 |
| 186 | 11 | 45 | 24.045 | 0.131313131313131 | 0.563741 |
| 187 | 11 | 48 | 10.723 | 0.106060606060606 | 0.626853 |
| 188 | 11 | 32 | 9.955 | 0.113636363636364 | 0.701187 |
| 189 | 11 | 46 | 16.53 | 0.126482213438735 | 0.587111 |
| 190 | 11 | 21 | 2.264 | 0.0995670995670996 | 0.767408 |
| 191 | 11 | 25 | 10.047 | 0.12 | 0.702417 |
| 192 | 11 | 20 | 19.517 | 0.140909090909091 | 0.601411 |
| 193 | 11 | 19 | 8.333 | 0.119617224880383 | 0.671939 |
| 194 | 11 | 29 | 25.394 | 0.134796238244514 | 0.569992 |
| 195 | 11 | 17 | 2.618 | 0.101604278074866 | 0.853101 |
| 196 | 11 | 23 | 13.604 | 0.134387351778656 | 0.656523 |
| 197 | 11 | 26 | 25.638 | 0.157342657342657 | 0.528853 |
| 198 | 11 | 24 | 4.532 | 0.113636363636364 | 0.791041 |
| 199 | 11 | 32 | 9.982 | 0.119318181818182 | 0.689283 |
| 200 | 11 | 52 | 20.62 | 0.122377622377622 | 0.538115 |
| 201 | 11 | 31 | 21.635 | 0.131964809384164 | 0.596493 |
| 202 | 11 | 39 | 16.377 | 0.128205128205128 | 0.621107 |
| 203 | 11 | 17 | 6.806 | 0.112299465240642 | 0.755032 |
| 204 | 11 | 24 | 17.581 | 0.125 | 0.616112 |
| 205 | 11 | 22 | 8.566 | 0.115702479338843 | 0.760137 |
| 206 | 11 | 19 | 22.109 | 0.148325358851675 | 0.566037 |
| 207 | 11 | 27 | 6.084 | 0.111111111111111 | 0.741895 |
| 208 | 11 | 21 | 4.226 | 0.108225108225108 | 0.764726 |
| 209 | 11 | 35 | 14.354 | 0.116883116883117 | 0.650314 |
| 210 | 11 | 21 | 9.245 | 0.121212121212121 | 0.73463 |
| 211 | 11 | 25 | 9.455 | 0.12 | 0.706092 |
| 212 | 11 | 19 | 15.649 | 0.148325358851675 | 0.604536 |
| 213 | 11 | 32 | 11.547 | 0.116477272727273 | 0.686435 |
| 214 | 11 | 28 | 6.39 | 0.11038961038961 | 0.735225 |
| 215 | 11 | 44 | 21.504 | 0.134297520661157 | 0.569897 |
| 216 | 11 | 37 | 14.265 | 0.122850122850123 | 0.638347 |
| 217 | 11 | 52 | 19.895 | 0.113636363636364 | 0.590004 |
| 218 | 11 | 32 | 9.587 | 0.119318181818182 | 0.705155 |
| 219 | 11 | 30 | 18.395 | 0.121212121212121 | 0.600571 |
| 220 | 11 | 24 | 14.041 | 0.125 | 0.660181 |
| 221 | 11 | 35 | 11.574 | 0.119480519480519 | 0.663459 |
| 222 | 11 | 47 | 21.591 | 0.125725338491296 | 0.587878 |
| 223 | 11 | 18 | 9.535 | 0.116161616161616 | 0.742846 |
| 224 | 11 | 21 | 4.151 | 0.112554112554113 | 0.795786 |
| 225 | 11 | 44 | 10.957 | 0.103305785123967 | 0.643535 |
| 226 | 11 | 17 | 10.602 | 0.133689839572193 | 0.64795 |
| 227 | 11 | 49 | 22.904 | 0.122448979591837 | 0.538519 |
| 228 | 11 | 45 | 10.35 | 0.115151515151515 | 0.681073 |
| 229 | 11 | 11 | 17.879 | 0.165289256198347 | 0.579964 |
| 230 | 11 | 32 | 9.338 | 0.119318181818182 | 0.696086 |
| 231 | 11 | 71 | 22.202 | 0.11651728553137 | 0.463908 |
| 232 | 11 | 16 | 4 | 0.107954545454545 | 0.789398 |
| 233 | 11 | 16 | 9.095 | 0.147727272727273 | 0.665631 |
| 234 | 11 | 35 | 9.912 | 0.116883116883117 | 0.700187 |
| 235 | 11 | 41 | 24.38 | 0.126385809312639 | 0.567818 |
| 236 | 11 | 34 | 3.888 | 0.0989304812834225 | 0.789547 |
| 237 | 11 | 30 | 18.021 | 0.136363636363636 | 0.606867 |
| 238 | 11 | 32 | 15.185 | 0.122159090909091 | 0.651649 |
| 239 | 11 | 46 | 26.061 | 0.146245059288538 | 0.52224 |
| 240 | 11 | 22 | 15.21 | 0.128099173553719 | 0.625337 |
| 241 | 11 | 38 | 15.371 | 0.11244019138756 | 0.637786 |
| 242 | 11 | 20 | 18.698 | 0.136363636363636 | 0.631062 |
| 243 | 11 | 27 | 7.677 | 0.114478114478114 | 0.744743 |
| 244 | 11 | 21 | 9.151 | 0.121212121212121 | 0.735907 |
| 245 | 11 | 32 | 16.567 | 0.125 | 0.631661 |
| 246 | 11 | 25 | 10.657 | 0.116363636363636 | 0.685487 |
| 247 | 11 | 24 | 23.361 | 0.143939393939394 | 0.568517 |
| 248 | 11 | 25 | 15.246 | 0.116363636363636 | 0.631778 |
| 249 | 11 | 17 | 15.096 | 0.133689839572193 | 0.639949 |
| 250 | 11 | 35 | 16.862 | 0.119480519480519 | 0.642194 |
| 251 | 11 | 30 | 14.446 | 0.133333333333333 | 0.619272 |
| 252 | 11 | 18 | 7.212 | 0.116161616161616 | 0.757966 |
| 253 | 11 | 16 | 15.619 | 0.147727272727273 | 0.602028 |
| 254 | 11 | 48 | 17.49 | 0.119318181818182 | 0.608665 |
| 255 | 11 | 28 | 15.735 | 0.126623376623377 | 0.610734 |
| 256 | 11 | 22 | 12.995 | 0.12396694214876 | 0.671056 |
| 257 | 11 | 33 | 14.522 | 0.126721763085399 | 0.639834 |
| 258 | 11 | 31 | 11.627 | 0.117302052785924 | 0.688063 |
| 259 | 11 | 25 | 14.272 | 0.12 | 0.632633 |
| 260 | 11 | 46 | 16.157 | 0.110671936758893 | 0.631636 |
| 261 | 11 | 21 | 16.321 | 0.12987012987013 | 0.655504 |
| 262 | 11 | 43 | 13.234 | 0.114164904862579 | 0.678266 |
| 263 | 11 | 38 | 14.768 | 0.12200956937799 | 0.661613 |
| 264 | 11 | 39 | 11.158 | 0.114219114219114 | 0.632177 |
| 265 | 11 | 34 | 5.444 | 0.10427807486631 | 0.79611 |
| 266 | 11 | 31 | 6.362 | 0.108504398826979 | 0.780789 |
| 267 | 11 | 23 | 12.486 | 0.118577075098814 | 0.654385 |
| 268 | 11 | 28 | 6.378 | 0.11038961038961 | 0.745606 |
| 269 | 11 | 56 | 17.974 | 0.118506493506494 | 0.588049 |
| 270 | 11 | 51 | 29.668 | 0.131907308377897 | 0.522236 |
| 271 | 11 | 27 | 17.177 | 0.138047138047138 | 0.600787 |
| 272 | 11 | 36 | 15.608 | 0.128787878787879 | 0.611641 |
| 273 | 11 | 40 | 8.072 | 0.111363636363636 | 0.710473 |
| 274 | 11 | 63 | 25.006 | 0.131313131313131 | 0.480699 |
| 275 | 11 | 31 | 10.34 | 0.117302052785924 | 0.689938 |
| 276 | 11 | 35 | 15.502 | 0.122077922077922 | 0.619233 |
| 277 | 11 | 22 | 3.671 | 0.107438016528926 | 0.804658 |
| 278 | 11 | 42 | 16.728 | 0.12987012987013 | 0.611341 |
| 279 | 11 | 41 | 14.018 | 0.126385809312639 | 0.626603 |
| 280 | 11 | 34 | 13.736 | 0.112299465240642 | 0.666037 |
| 281 | 11 | 63 | 17.317 | 0.106782106782107 | 0.432932 |
| 282 | 11 | 27 | 21.589 | 0.131313131313131 | 0.594298 |
| 283 | 11 | 33 | 13.762 | 0.115702479338843 | 0.620689 |
| 284 | 11 | 35 | 13.508 | 0.116883116883117 | 0.663151 |
| 285 | 11 | 15 | 12.083 | 0.127272727272727 | 0.675682 |
| 286 | 11 | 29 | 17.064 | 0.119122257053292 | 0.637756 |
| 287 | 11 | 32 | 37.041 | 0.164772727272727 | 0.451219 |
| 288 | 11 | 20 | 14.422 | 0.127272727272727 | 0.645355 |
| 289 | 11 | 58 | 17.01 | 0.125391849529781 | 0.578235 |
| 290 | 11 | 48 | 24.307 | 0.134469696969697 | 0.555203 |
| 291 | 11 | 28 | 13.449 | 0.133116883116883 | 0.669192 |
| 292 | 11 | 31 | 9.638 | 0.117302052785924 | 0.694939 |
| 293 | 11 | 41 | 14.409 | 0.126385809312639 | 0.625681 |
| 294 | 11 | 39 | 20.936 | 0.132867132867133 | 0.586597 |
| 295 | 11 | 69 | 20.081 | 0.110671936758893 | 0.477276 |
| 296 | 11 | 17 | 10.297 | 0.122994652406417 | 0.720166 |
| 297 | 11 | 16 | 8.571 | 0.119318181818182 | 0.734628 |
| 298 | 11 | 19 | 12.389 | 0.110047846889952 | 0.659673 |
| 299 | 11 | 25 | 10.526 | 0.123636363636364 | 0.698039 |
| 300 | 11 | 57 | 16.62 | 0.12280701754386 | 0.606965 |
| 301 | 11 | 31 | 10.488 | 0.117302052785924 | 0.705564 |
| 302 | 11 | 8 | 24.578 | 0.204545454545455 | 0.540095 |
| 303 | 11 | 49 | 10.303 | 0.102040816326531 | 0.592996 |
| 304 | 11 | 47 | 23.763 | 0.119922630560928 | 0.543393 |
| 305 | 11 | 30 | 11.57 | 0.121212121212121 | 0.687441 |
| 306 | 11 | 30 | 11.054 | 0.112121212121212 | 0.704098 |
| 307 | 11 | 27 | 19.514 | 0.134680134680135 | 0.595576 |
| 308 | 11 | 41 | 11.862 | 0.11529933481153 | 0.655265 |
| 309 | 11 | 35 | 10.932 | 0.116883116883117 | 0.692285 |
| 310 | 11 | 30 | 11.078 | 0.121212121212121 | 0.683692 |
| 311 | 11 | 20 | 9.66 | 0.127272727272727 | 0.702748 |
| 312 | 11 | 44 | 8.33 | 0.107438016528926 | 0.71258 |
| 313 | 11 | 33 | 14.693 | 0.12396694214876 | 0.638466 |
| 314 | 11 | 30 | 13.98 | 0.121212121212121 | 0.670568 |
| 315 | 11 | 46 | 16.526 | 0.130434782608696 | 0.586731 |
| 316 | 11 | 28 | 16.694 | 0.136363636363636 | 0.626936 |
| 317 | 11 | 25 | 4.648 | 0.105454545454545 | 0.764492 |
| 318 | 11 | 21 | 5.66 | 0.103896103896104 | 0.704791 |
| 319 | 11 | 70 | 14.755 | 0.106493506493506 | 0.507828 |
| 320 | 11 | 35 | 16.596 | 0.122077922077922 | 0.600218 |
| 321 | 11 | 35 | 7.667 | 0.109090909090909 | 0.723854 |
| 322 | 11 | 25 | 9.577 | 0.116363636363636 | 0.701109 |
| 323 | 11 | 74 | 11.458 | 0.109336609336609 | 0.5168 |
| 324 | 11 | 35 | 7.673 | 0.114285714285714 | 0.717392 |
| 325 | 11 | 25 | 4.225 | 0.109090909090909 | 0.782148 |
| 326 | 11 | 23 | 13.312 | 0.126482213438735 | 0.640573 |
| 327 | 11 | 35 | 19.875 | 0.127272727272727 | 0.583457 |
| 328 | 11 | 47 | 13.489 | 0.119922630560928 | 0.665135 |
| 329 | 11 | 44 | 15.278 | 0.12396694214876 | 0.634947 |
| 330 | 11 | 24 | 10.609 | 0.132575757575758 | 0.681581 |
| 331 | 11 | 28 | 13.153 | 0.123376623376623 | 0.641913 |
| 332 | 11 | 29 | 11.54 | 0.125391849529781 | 0.664946 |
| 333 | 11 | 19 | 13.127 | 0.133971291866029 | 0.633877 |
| 334 | 11 | 34 | 19.767 | 0.125668449197861 | 0.586643 |
| 335 | 11 | 40 | 14.599 | 0.120454545454545 | 0.650709 |
| 336 | 11 | 36 | 17.459 | 0.131313131313131 | 0.630497 |
| 337 | 11 | 45 | 17.77 | 0.117171717171717 | 0.56356 |
| 338 | 11 | 34 | 17.987 | 0.133689839572193 | 0.580355 |
| 339 | 11 | 40 | 14.751 | 0.120454545454545 | 0.631134 |
| 340 | 11 | 50 | 13.061 | 0.114545454545455 | 0.621258 |
| 341 | 11 | 34 | 17.524 | 0.125668449197861 | 0.624213 |
| 342 | 11 | 20 | 8.98 | 0.122727272727273 | 0.666611 |
| 343 | 11 | 31 | 9.779 | 0.129032258064516 | 0.695193 |
| 344 | 11 | 40 | 9.253 | 0.115909090909091 | 0.699668 |
| 345 | 11 | 18 | 2.885 | 0.116161616161616 | 0.797661 |
| 346 | 11 | 41 | 14.765 | 0.126385809312639 | 0.629064 |
| 347 | 11 | 33 | 17.719 | 0.12396694214876 | 0.621182 |
| 348 | 11 | 15 | 12.083 | 0.139393939393939 | 0.680479 |
| 349 | 11 | 45 | 7.608 | 0.105050505050505 | 0.712208 |
| 350 | 11 | 20 | 4.762 | 0.113636363636364 | 0.737533 |
| 351 | 11 | 16 | 11.143 | 0.119318181818182 | 0.689282 |
| 352 | 11 | 28 | 20.978 | 0.136363636363636 | 0.60426 |
| 353 | 11 | 39 | 9.442 | 0.114219114219114 | 0.689236 |
| 354 | 11 | 42 | 15.429 | 0.116883116883117 | 0.616884 |
| 355 | 11 | 30 | 5.714 | 0.1 | 0.703325 |
| 356 | 11 | 24 | 4.179 | 0.113636363636364 | 0.742154 |
| 357 | 11 | 31 | 8.301 | 0.117302052785924 | 0.686188 |
| 358 | 11 | 30 | 10.102 | 0.118181818181818 | 0.709998 |
| 359 | 11 | 22 | 4.312 | 0.111570247933884 | 0.750274 |
| 360 | 11 | 41 | 12.115 | 0.117516629711752 | 0.675268 |
| 361 | 11 | 38 | 15.586 | 0.124401913875598 | 0.630865 |
| 362 | 11 | 20 | 2.653 | 0.104545454545455 | 0.814666 |
| 363 | 11 | 23 | 20.005 | 0.138339920948617 | 0.604852 |
| 364 | 11 | 10 | 9 | 0.136363636363636 | 0.764389 |
| 365 | 11 | 32 | 19.177 | 0.122159090909091 | 0.614874 |
| 366 | 11 | 54 | 12.764 | 0.121212121212121 | 0.563994 |
| 367 | 11 | 30 | 27.783 | 0.145454545454545 | 0.532078 |
| 368 | 11 | 41 | 18.562 | 0.11529933481153 | 0.576868 |
| 369 | 11 | 62 | 25.437 | 0.112903225806452 | 0.447751 |
| 370 | 11 | 28 | 13.62 | 0.116883116883117 | 0.649631 |
| 371 | 11 | 26 | 8.07 | 0.115384615384615 | 0.730881 |
| 372 | 11 | 42 | 18.154 | 0.123376623376623 | 0.614599 |
| 373 | 11 | 26 | 4.482 | 0.101398601398601 | 0.785891 |
| 374 | 11 | 35 | 10.769 | 0.124675324675325 | 0.628419 |
| 375 | 11 | 34 | 21.791 | 0.122994652406417 | 0.551932 |
| 376 | 11 | 22 | 3.846 | 0.107438016528926 | 0.828324 |
| 377 | 11 | 39 | 19.996 | 0.116550116550117 | 0.543548 |
| 378 | 11 | 67 | 10.593 | 0.105834464043419 | 0.42122 |
| 379 | 11 | 19 | 9.956 | 0.119617224880383 | 0.715135 |
| 380 | 11 | 33 | 12.236 | 0.118457300275482 | 0.670574 |
| 381 | 11 | 30 | 8.57 | 0.112121212121212 | 0.721629 |
| 382 | 11 | 22 | 9.802 | 0.115702479338843 | 0.714223 |
| 383 | 11 | 15 | 13.854 | 0.133333333333333 | 0.6735 |
| 384 | 11 | 28 | 12.933 | 0.113636363636364 | 0.665244 |
| 385 | 11 | 42 | 10.863 | 0.114718614718615 | 0.6176 |
| 386 | 11 | 27 | 15.23 | 0.124579124579125 | 0.617914 |
| 387 | 11 | 31 | 12.795 | 0.129032258064516 | 0.675566 |
| 388 | 11 | 48 | 11.407 | 0.109848484848485 | 0.62182 |
| 389 | 11 | 31 | 15.221 | 0.126099706744868 | 0.638131 |
| 390 | 11 | 13 | 19.549 | 0.146853146853147 | 0.603132 |
| 391 | 11 | 21 | 9.214 | 0.121212121212121 | 0.718052 |
| 392 | 11 | 21 | 6.352 | 0.112554112554113 | 0.760285 |
| 393 | 11 | 80 | 10.81 | 0.109090909090909 | 0.521866 |
| 394 | 11 | 24 | 10.864 | 0.117424242424242 | 0.679439 |
| 395 | 11 | 22 | 13.447 | 0.119834710743802 | 0.663436 |
| 396 | 11 | 36 | 27.77 | 0.133838383838384 | 0.540007 |
| 397 | 11 | 38 | 9.581 | 0.114832535885167 | 0.715649 |
| 398 | 11 | 39 | 19.663 | 0.121212121212121 | 0.573542 |
| 399 | 11 | 53 | 21.467 | 0.123499142367067 | 0.536219 |
| 400 | 11 | 31 | 10.931 | 0.12316715542522 | 0.65414 |
| 401 | 11 | 29 | 12.274 | 0.128526645768025 | 0.664432 |
| 402 | 11 | 27 | 17.517 | 0.134680134680135 | 0.616204 |
| 403 | 11 | 41 | 26.155 | 0.126385809312639 | 0.529962 |
| 404 | 11 | 61 | 19.457 | 0.11177347242921 | 0.387509 |
| 405 | 11 | 20 | 7.959 | 0.109090909090909 | 0.736042 |
| 406 | 11 | 28 | 7.379 | 0.11038961038961 | 0.758581 |
| 407 | 11 | 75 | 16.621 | 0.11030303030303 | 0.520656 |
| 408 | 11 | 29 | 18.131 | 0.125391849529781 | 0.628698 |
| 409 | 11 | 16 | 18.057 | 0.142045454545455 | 0.599958 |
| 410 | 11 | 18 | 13.742 | 0.131313131313131 | 0.644921 |
| 411 | 11 | 26 | 14.821 | 0.118881118881119 | 0.669493 |
| 412 | 11 | 34 | 8.435 | 0.10427807486631 | 0.720509 |
| 413 | 11 | 21 | 2.264 | 0.0995670995670996 | 0.820333 |
| 414 | 11 | 66 | 19.38 | 0.117079889807163 | 0.472615 |
| 415 | 11 | 27 | 16.572 | 0.124579124579125 | 0.653706 |
| 416 | 11 | 22 | 9.149 | 0.119834710743802 | 0.688408 |
| 417 | 11 | 22 | 2.273 | 0.107438016528926 | 0.801697 |
| 418 | 11 | 50 | 28.07 | 0.125454545454545 | 0.508884 |
| 419 | 11 | 27 | 9.039 | 0.114478114478114 | 0.721389 |
| 420 | 11 | 29 | 12.426 | 0.115987460815047 | 0.676348 |
| 421 | 11 | 72 | 12.348 | 0.102272727272727 | 0.466342 |
| 422 | 11 | 22 | 13.628 | 0.12396694214876 | 0.639948 |
| 423 | 11 | 27 | 9.442 | 0.117845117845118 | 0.700347 |
| 424 | 11 | 59 | 8.777 | 0.0970724191063174 | 0.280642 |
| 425 | 11 | 23 | 14.253 | 0.138339920948617 | 0.632606 |
| 426 | 11 | 15 | 6.875 | 0.115151515151515 | 0.742317 |
| 427 | 11 | 31 | 13.526 | 0.114369501466276 | 0.650171 |
| 428 | 11 | 32 | 10.9 | 0.113636363636364 | 0.701188 |
| 429 | 11 | 25 | 6.761 | 0.112727272727273 | 0.7273 |
| 430 | 11 | 30 | 9.718 | 0.118181818181818 | 0.721174 |
| 431 | 11 | 26 | 30.355 | 0.13986013986014 | 0.519958 |
| 432 | 11 | 24 | 13.784 | 0.117424242424242 | 0.643024 |
| 433 | 11 | 29 | 20.076 | 0.13166144200627 | 0.591787 |
| 434 | 11 | 36 | 13.922 | 0.116161616161616 | 0.645502 |
| 435 | 11 | 17 | 18.979 | 0.149732620320856 | 0.609652 |
| 436 | 11 | 19 | 1.327 | 0.100478468899522 | 0.834383 |
| 437 | 11 | 49 | 22.769 | 0.12987012987013 | 0.574236 |
| 438 | 11 | 40 | 24.764 | 0.127272727272727 | 0.552563 |
| 439 | 11 | 29 | 11.949 | 0.119122257053292 | 0.65091 |
| 440 | 11 | 49 | 20.687 | 0.11873840445269 | 0.57978 |
| 441 | 11 | 29 | 7.267 | 0.109717868338558 | 0.749318 |
| 442 | 11 | 42 | 7.838 | 0.108225108225108 | 0.719133 |
| 443 | 11 | 23 | 6.926 | 0.118577075098814 | 0.72216 |
| 444 | 11 | 46 | 9.128 | 0.110671936758893 | 0.719641 |
| 445 | 11 | 25 | 22.516 | 0.149090909090909 | 0.562126 |
| 446 | 11 | 31 | 7.147 | 0.105571847507331 | 0.732954 |
| 447 | 11 | 27 | 12.315 | 0.124579124579125 | 0.677809 |
| 448 | 11 | 37 | 10.384 | 0.115479115479115 | 0.681696 |
| 449 | 11 | 22 | 8.566 | 0.119834710743802 | 0.731211 |
| 450 | 11 | 27 | 8.703 | 0.114478114478114 | 0.68506 |
| 451 | 11 | 70 | 11.099 | 0.101298701298701 | 0.453929 |
| 452 | 11 | 22 | 9.586 | 0.115702479338843 | 0.712947 |
| 453 | 11 | 19 | 10.509 | 0.119617224880383 | 0.716738 |
| 454 | 11 | 37 | 12.189 | 0.117936117936118 | 0.682233 |
| 455 | 11 | 31 | 13.356 | 0.12316715542522 | 0.650172 |
| 456 | 11 | 25 | 12.7 | 0.130909090909091 | 0.655042 |
| 457 | 11 | 40 | 9.603 | 0.109090909090909 | 0.713908 |
| 458 | 11 | 32 | 7.713 | 0.110795454545455 | 0.733004 |
| 459 | 11 | 48 | 14.992 | 0.111742424242424 | 0.578225 |
| 460 | 11 | 25 | 1.831 | 0.105454545454545 | 0.784704 |
| 461 | 11 | 35 | 16.186 | 0.122077922077922 | 0.613799 |
| 462 | 11 | 50 | 23.053 | 0.141818181818182 | 0.570798 |
| 463 | 11 | 43 | 22.567 | 0.147991543340381 | 0.566083 |
| 464 | 11 | 29 | 15.792 | 0.122257053291536 | 0.633741 |
| 465 | 11 | 35 | 12.162 | 0.12987012987013 | 0.625151 |
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| 467 | 11 | 19 | 8.776 | 0.114832535885167 | 0.732574 |
| 468 | 11 | 37 | 10.35 | 0.113022113022113 | 0.699369 |
| 469 | 11 | 29 | 22.545 | 0.134796238244514 | 0.579184 |
| 470 | 11 | 28 | 17.97 | 0.136363636363636 | 0.586124 |
| 471 | 11 | 13 | 10.025 | 0.132867132867133 | 0.673079 |
| 472 | 11 | 46 | 15.628 | 0.130434782608696 | 0.604865 |
| 473 | 11 | 42 | 17.617 | 0.140692640692641 | 0.578182 |
| 474 | 11 | 29 | 10.949 | 0.115987460815047 | 0.692416 |
| 475 | 11 | 46 | 16.32 | 0.120553359683794 | 0.607579 |
| 476 | 11 | 54 | 20.839 | 0.116161616161616 | 0.562225 |
| 477 | 11 | 48 | 23.845 | 0.121212121212121 | 0.544629 |
| 478 | 11 | 26 | 12.851 | 0.122377622377622 | 0.663617 |
| 479 | 11 | 34 | 10.487 | 0.109625668449198 | 0.62873 |
| 480 | 11 | 66 | 18.877 | 0.111570247933884 | 0.477163 |
| 481 | 11 | 36 | 16.412 | 0.118686868686869 | 0.637337 |
| 482 | 11 | 19 | 15.929 | 0.129186602870813 | 0.637809 |
| 483 | 11 | 23 | 14.47 | 0.138339920948617 | 0.643218 |
| 484 | 11 | 19 | 1.327 | 0.105263157894737 | 0.838761 |
| 485 | 11 | 53 | 9.054 | 0.111492281303602 | 0.673073 |
| 486 | 11 | 42 | 16.139 | 0.116883116883117 | 0.577453 |
| 487 | 11 | 31 | 13.598 | 0.126099706744868 | 0.661384 |
| 488 | 11 | 31 | 10.721 | 0.120234604105572 | 0.682271 |
| 489 | 11 | 50 | 18.772 | 0.118181818181818 | 0.564444 |
| 490 | 11 | 22 | 3.671 | 0.107438016528926 | 0.738093 |
| 491 | 11 | 35 | 18.293 | 0.122077922077922 | 0.51964 |
| 492 | 11 | 28 | 13.494 | 0.116883116883117 | 0.655804 |
| 493 | 11 | 29 | 15.264 | 0.13166144200627 | 0.624101 |
| 494 | 11 | 18 | 6.01 | 0.116161616161616 | 0.746626 |
| 495 | 11 | 20 | 15.456 | 0.131818181818182 | 0.658685 |
| 496 | 11 | 18 | 9.776 | 0.131313131313131 | 0.675983 |
| 497 | 11 | 28 | 6.582 | 0.113636363636364 | 0.72075 |
| 498 | 11 | 65 | 20.857 | 0.114685314685315 | 0.433773 |
| 499 | 11 | 34 | 8.124 | 0.112299465240642 | 0.749931 |
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| 502 | 11 | 50 | 18.903 | 0.129090909090909 | 0.579003 |
| 503 | 11 | 25 | 4.829 | 0.105454545454545 | 0.775192 |
| 504 | 11 | 35 | 8.385 | 0.106493506493506 | 0.599581 |
| 505 | 11 | 48 | 21.105 | 0.117424242424242 | 0.551197 |
| 506 | 11 | 14 | 22.717 | 0.149350649350649 | 0.627554 |
| 507 | 11 | 33 | 21.141 | 0.126721763085399 | 0.602029 |
| 508 | 11 | 24 | 9.889 | 0.113636363636364 | 0.707715 |
| 509 | 11 | 30 | 8.333 | 0.115151515151515 | 0.70977 |
| 510 | 11 | 28 | 14.463 | 0.123376623376623 | 0.650915 |
| 511 | 11 | 37 | 12.602 | 0.115479115479115 | 0.667664 |
| 512 | 11 | 36 | 9.213 | 0.116161616161616 | 0.703625 |
| 513 | 11 | 29 | 5.803 | 0.106583072100313 | 0.755118 |
| 514 | 11 | 44 | 7.572 | 0.111570247933884 | 0.732102 |
| 515 | 11 | 46 | 23.061 | 0.126482213438735 | 0.532174 |
| 516 | 11 | 27 | 7.964 | 0.124579124579125 | 0.711409 |
| 517 | 11 | 28 | 9.238 | 0.113636363636364 | 0.686468 |
| 518 | 11 | 34 | 11.824 | 0.106951871657754 | 0.57744 |
| 519 | 11 | 64 | 14.252 | 0.102272727272727 | 0.421249 |
| 520 | 11 | 46 | 15.959 | 0.112648221343874 | 0.546267 |
| 521 | 11 | 14 | 11.187 | 0.12987012987013 | 0.694946 |
| 522 | 11 | 23 | 6.169 | 0.110671936758893 | 0.765237 |
| 523 | 11 | 21 | 5.66 | 0.116883116883117 | 0.733818 |
| 524 | 11 | 31 | 15.713 | 0.114369501466276 | 0.651487 |
| 525 | 11 | 35 | 8.94 | 0.119480519480519 | 0.671493 |
| 526 | 11 | 36 | 11.983 | 0.111111111111111 | 0.585686 |
| 527 | 11 | 56 | 18.368 | 0.118506493506494 | 0.596305 |
| 528 | 11 | 36 | 20.258 | 0.136363636363636 | 0.558943 |
| 529 | 11 | 35 | 14.021 | 0.119480519480519 | 0.649282 |
| 530 | 11 | 45 | 15.277 | 0.129292929292929 | 0.61836 |
| 531 | 11 | 24 | 20.272 | 0.136363636363636 | 0.606434 |
| 532 | 11 | 30 | 10.224 | 0.115151515151515 | 0.693153 |
| 533 | 11 | 24 | 14.703 | 0.125 | 0.655593 |
| 534 | 11 | 37 | 10.754 | 0.113022113022113 | 0.690864 |
| 535 | 11 | 30 | 13.441 | 0.124242424242424 | 0.669189 |
| 536 | 11 | 42 | 10.218 | 0.114718614718615 | 0.672419 |
| 537 | 11 | 43 | 15.147 | 0.118393234672304 | 0.586359 |
| 538 | 11 | 41 | 13.883 | 0.113082039911308 | 0.58587 |
| 539 | 11 | 42 | 13.487 | 0.114718614718615 | 0.621163 |
| 540 | 11 | 28 | 9.267 | 0.113636363636364 | 0.707689 |
| 541 | 11 | 35 | 11.332 | 0.119480519480519 | 0.694176 |
| 542 | 11 | 36 | 11.466 | 0.121212121212121 | 0.634928 |
| 543 | 11 | 64 | 17.282 | 0.110795454545455 | 0.461158 |
| 544 | 11 | 40 | 16.819 | 0.113636363636364 | 0.593544 |
| 545 | 11 | 42 | 7.66 | 0.106060606060606 | 0.700057 |
| 546 | 11 | 35 | 15.9 | 0.122077922077922 | 0.647749 |
| 547 | 11 | 39 | 17.617 | 0.118881118881119 | 0.600097 |
| 548 | 11 | 35 | 9.763 | 0.116883116883117 | 0.662657 |
| 549 | 11 | 30 | 7.784 | 0.112121212121212 | 0.729663 |
| 550 | 11 | 36 | 11.415 | 0.118686868686869 | 0.62376 |
| 551 | 11 | 45 | 18.309 | 0.127272727272727 | 0.574154 |
| 552 | 11 | 21 | 6.855 | 0.108225108225108 | 0.734331 |
| 553 | 11 | 75 | 28.519 | 0.124848484848485 | 0.489161 |
| 554 | 11 | 15 | 14.792 | 0.139393939393939 | 0.648345 |
| 555 | 11 | 28 | 16.936 | 0.12012987012987 | 0.600384 |
| 556 | 11 | 62 | 22.735 | 0.131964809384164 | 0.550574 |
| 557 | 11 | 18 | 16.707 | 0.136363636363636 | 0.633696 |
| 558 | 11 | 13 | 16.792 | 0.146853146853147 | 0.653014 |
| 559 | 11 | 31 | 21.648 | 0.129032258064516 | 0.597059 |
| 560 | 11 | 38 | 17.568 | 0.114832535885167 | 0.48519 |
| 561 | 11 | 24 | 19.809 | 0.128787878787879 | 0.605486 |
| 562 | 11 | 25 | 8.967 | 0.109090909090909 | 0.706601 |
| 563 | 11 | 25 | 9.531 | 0.12 | 0.712518 |
| 564 | 11 | 36 | 21.924 | 0.133838383838384 | 0.579165 |
| 565 | 11 | 16 | 14.095 | 0.136363636363636 | 0.642314 |
| 566 | 11 | 18 | 13.061 | 0.136363636363636 | 0.655643 |
| 567 | 11 | 36 | 11.472 | 0.121212121212121 | 0.652724 |
| 568 | 11 | 57 | 23.335 | 0.129186602870813 | 0.527314 |
| 569 | 11 | 20 | 5.51 | 0.122727272727273 | 0.702274 |
| 570 | 11 | 27 | 3.038 | 0.101010101010101 | 0.788809 |
| 571 | 11 | 24 | 10.763 | 0.117424242424242 | 0.702331 |
| 572 | 11 | 33 | 21.147 | 0.126721763085399 | 0.598249 |
| 573 | 11 | 25 | 11.535 | 0.116363636363636 | 0.678652 |
| 574 | 11 | 28 | 8.882 | 0.113636363636364 | 0.724833 |
| 575 | 11 | 27 | 15.179 | 0.124579124579125 | 0.642019 |
| 576 | 11 | 33 | 26.034 | 0.143250688705234 | 0.556912 |
| 577 | 11 | 24 | 7.049 | 0.113636363636364 | 0.742157 |
| 578 | 11 | 28 | 12.466 | 0.123376623376623 | 0.643292 |
| 579 | 11 | 30 | 7.143 | 0.109090909090909 | 0.744529 |
| 580 | 11 | 30 | 13.197 | 0.118181818181818 | 0.658062 |
| 581 | 11 | 27 | 4.967 | 0.101010101010101 | 0.74326 |
| 582 | 11 | 19 | 12.316 | 0.133971291866029 | 0.66449 |
| 583 | 11 | 13 | 4.511 | 0.125874125874126 | 0.765372 |
| 584 | 11 | 47 | 17.71 | 0.117988394584139 | 0.636331 |
| 585 | 11 | 28 | 14.617 | 0.126623376623377 | 0.614677 |
| 586 | 11 | 49 | 13.903 | 0.109461966604824 | 0.579948 |
| 587 | 11 | 24 | 12.346 | 0.128787878787879 | 0.698041 |
| 588 | 11 | 27 | 8.682 | 0.111111111111111 | 0.736387 |
| 589 | 11 | 28 | 13.279 | 0.12012987012987 | 0.652975 |
| 590 | 11 | 42 | 11.806 | 0.123376623376623 | 0.62414 |
| 591 | 11 | 27 | 14.896 | 0.127946127946128 | 0.629451 |
| 592 | 11 | 39 | 8.691 | 0.111888111888112 | 0.700457 |
| 593 | 11 | 42 | 22.017 | 0.12987012987013 | 0.595784 |
| 594 | 11 | 16 | 9.143 | 0.119318181818182 | 0.70969 |
| 595 | 11 | 44 | 12.758 | 0.113636363636364 | 0.665394 |
| 596 | 11 | 29 | 18.862 | 0.128526645768025 | 0.594241 |
| 597 | 11 | 50 | 13.512 | 0.112727272727273 | 0.647701 |
| 598 | 11 | 52 | 23.441 | 0.141608391608392 | 0.537074 |
| 599 | 11 | 37 | 6.796 | 0.105651105651106 | 0.662454 |
| 600 | 11 | 31 | 12.353 | 0.126099706744868 | 0.677068 |
| 601 | 11 | 30 | 17.394 | 0.136363636363636 | 0.579708 |
| 602 | 11 | 24 | 4.834 | 0.106060606060606 | 0.792017 |
| 603 | 11 | 17 | 2.618 | 0.112299465240642 | 0.789042 |
| 604 | 11 | 25 | 14.085 | 0.112727272727273 | 0.651343 |
| 605 | 11 | 30 | 10 | 0.112121212121212 | 0.709943 |
| 606 | 11 | 32 | 13.959 | 0.113636363636364 | 0.669314 |
| 607 | 11 | 82 | 15.594 | 0.111973392461197 | 0.495787 |
| 608 | 11 | 30 | 9.362 | 0.112121212121212 | 0.715056 |
| 609 | 11 | 14 | 5.137 | 0.123376623376623 | 0.736782 |
| 610 | 11 | 38 | 23.113 | 0.133971291866029 | 0.56692 |
| 611 | 11 | 57 | 17.479 | 0.121212121212121 | 0.575089 |
| 612 | 11 | 29 | 14.549 | 0.115987460815047 | 0.663199 |
| 613 | 11 | 15 | 15.104 | 0.151515151515152 | 0.620758 |
| 614 | 11 | 24 | 18.465 | 0.128787878787879 | 0.598569 |
| 615 | 11 | 36 | 14.279 | 0.118686868686869 | 0.59116 |
| 616 | 11 | 17 | 15.532 | 0.133689839572193 | 0.638348 |
| 617 | 11 | 32 | 31.075 | 0.133522727272727 | 0.510597 |
| 618 | 11 | 34 | 11.392 | 0.114973262032086 | 0.667329 |
| 619 | 11 | 20 | 3.265 | 0.109090909090909 | 0.798536 |
| 620 | 11 | 37 | 10.789 | 0.115479115479115 | 0.685315 |
| 621 | 11 | 25 | 9.859 | 0.116363636363636 | 0.685487 |
| 622 | 11 | 39 | 7.009 | 0.10955710955711 | 0.736464 |
| 623 | 11 | 47 | 22.83 | 0.121856866537718 | 0.569867 |
| 624 | 11 | 17 | 11.824 | 0.133689839572193 | 0.702347 |
| 625 | 11 | 48 | 19.93 | 0.123106060606061 | 0.556641 |
| 626 | 11 | 23 | 8.496 | 0.118577075098814 | 0.747713 |
| 627 | 11 | 44 | 20.717 | 0.12603305785124 | 0.59119 |
| 628 | 11 | 25 | 5.869 | 0.112727272727273 | 0.747071 |
| 629 | 11 | 15 | 9.583 | 0.127272727272727 | 0.761844 |
| 630 | 11 | 70 | 8.642 | 0.109090909090909 | 0.490592 |
| 631 | 11 | 41 | 9.684 | 0.11529933481153 | 0.657855 |
| 632 | 11 | 44 | 19.444 | 0.119834710743802 | 0.598043 |
| 633 | 11 | 38 | 8.164 | 0.11244019138756 | 0.698443 |
| 634 | 11 | 32 | 18.277 | 0.127840909090909 | 0.635997 |
| 635 | 11 | 29 | 7.683 | 0.112852664576803 | 0.753019 |
| 636 | 11 | 28 | 15.809 | 0.13961038961039 | 0.583517 |
| 637 | 11 | 36 | 11.948 | 0.118686868686869 | 0.66857 |
| 638 | 11 | 27 | 26.542 | 0.138047138047138 | 0.557364 |
| 639 | 11 | 24 | 9.34 | 0.117424242424242 | 0.705454 |
| 640 | 11 | 41 | 8.924 | 0.113082039911308 | 0.692747 |
| 641 | 11 | 47 | 19.095 | 0.129593810444874 | 0.5914 |
| 642 | 11 | 20 | 8.653 | 0.118181818181818 | 0.735144 |
| 643 | 11 | 45 | 10.893 | 0.117171717171717 | 0.669975 |
| 644 | 11 | 37 | 22.247 | 0.137592137592138 | 0.583502 |
| 645 | 11 | 30 | 13.077 | 0.118181818181818 | 0.681071 |
| 646 | 11 | 35 | 7.897 | 0.109090909090909 | 0.706849 |
| 647 | 11 | 25 | 10.376 | 0.116363636363636 | 0.71771 |
| 648 | 11 | 17 | 7.243 | 0.122994652406417 | 0.733398 |
| 649 | 11 | 28 | 20.236 | 0.13961038961039 | 0.595952 |
| 650 | 11 | 29 | 14.27 | 0.122257053291536 | 0.651487 |
| 651 | 11 | 31 | 9.29 | 0.114369501466276 | 0.725774 |
| 652 | 11 | 21 | 7.736 | 0.121212121212121 | 0.724428 |
| 653 | 11 | 30 | 18.078 | 0.118181818181818 | 0.631107 |
| 654 | 11 | 30 | 9.354 | 0.118181818181818 | 0.692904 |
| 655 | 11 | 21 | 15.786 | 0.125541125541126 | 0.652741 |
| 656 | 11 | 21 | 7.61 | 0.112554112554113 | 0.711473 |
| 657 | 11 | 31 | 10.986 | 0.111436950146628 | 0.681376 |
| 658 | 11 | 20 | 6.939 | 0.113636363636364 | 0.727934 |
| 659 | 11 | 48 | 14.291 | 0.121212121212121 | 0.554151 |
| 660 | 11 | 16 | 6 | 0.119318181818182 | 0.779979 |
| 661 | 11 | 28 | 7.698 | 0.11038961038961 | 0.734362 |
| 662 | 11 | 50 | 17.14 | 0.125454545454545 | 0.608646 |
| 663 | 11 | 28 | 21.597 | 0.159090909090909 | 0.556816 |
| 664 | 11 | 26 | 8.204 | 0.111888111888112 | 0.727473 |
| 665 | 11 | 33 | 22.894 | 0.140495867768595 | 0.571661 |
| 666 | 11 | 24 | 7.563 | 0.109848484848485 | 0.738339 |
| 667 | 11 | 33 | 18.824 | 0.132231404958678 | 0.582417 |
| 668 | 11 | 36 | 14.887 | 0.108585858585859 | 0.577011 |
| 669 | 11 | 30 | 9.604 | 0.118181818181818 | 0.693563 |
| 670 | 11 | 20 | 4.83 | 0.109090909090909 | 0.782912 |
| 671 | 11 | 31 | 3.724 | 0.102639296187683 | 0.804819 |
| 672 | 11 | 40 | 7.62 | 0.106818181818182 | 0.718356 |
| 673 | 11 | 46 | 15.539 | 0.116600790513834 | 0.616434 |
| 674 | 11 | 30 | 7.796 | 0.118181818181818 | 0.723805 |
| 675 | 11 | 32 | 7.638 | 0.110795454545455 | 0.737605 |
| 676 | 11 | 36 | 14.648 | 0.121212121212121 | 0.626682 |
| 677 | 11 | 52 | 17.212 | 0.120629370629371 | 0.621454 |
| 678 | 11 | 29 | 1.627 | 0.0971786833855799 | 0.806368 |
| 679 | 11 | 27 | 7.178 | 0.111111111111111 | 0.765771 |
| 680 | 11 | 36 | 21.392 | 0.116161616161616 | 0.521688 |
| 681 | 11 | 36 | 19.841 | 0.123737373737374 | 0.605528 |
| 682 | 11 | 26 | 5.68 | 0.108391608391608 | 0.763717 |
| 683 | 11 | 34 | 7.894 | 0.114973262032086 | 0.733844 |
| 684 | 11 | 39 | 13.476 | 0.116550116550117 | 0.624343 |
| 685 | 11 | 25 | 4.225 | 0.109090909090909 | 0.806592 |
| 686 | 11 | 32 | 12.06 | 0.116477272727273 | 0.661453 |
| 687 | 11 | 49 | 23.246 | 0.11873840445269 | 0.558786 |
| 688 | 11 | 34 | 10.809 | 0.122994652406417 | 0.695594 |
| 689 | 11 | 35 | 16.321 | 0.116883116883117 | 0.643401 |
| 690 | 11 | 41 | 6.248 | 0.1019955654102 | 0.76174 |
| 691 | 11 | 30 | 6.939 | 0.106060606060606 | 0.737888 |
| 692 | 11 | 66 | 15.145 | 0.110192837465565 | 0.444953 |
| 693 | 11 | 46 | 23.443 | 0.122529644268775 | 0.520244 |
| 694 | 11 | 42 | 10.741 | 0.116883116883117 | 0.677582 |
| 695 | 11 | 44 | 15.139 | 0.115702479338843 | 0.610913 |
| 696 | 11 | 42 | 18.452 | 0.138528138528139 | 0.577836 |
| 697 | 11 | 36 | 12.667 | 0.126262626262626 | 0.645944 |
| 698 | 11 | 41 | 13.037 | 0.113082039911308 | 0.627006 |
| 699 | 11 | 27 | 7.502 | 0.111111111111111 | 0.723532 |
| 700 | 11 | 26 | 4.386 | 0.104895104895105 | 0.809922 |
| 701 | 11 | 45 | 17.384 | 0.113131313131313 | 0.638652 |
| 702 | 11 | 18 | 15.481 | 0.141414141414141 | 0.616027 |
| 703 | 11 | 30 | 17.35 | 0.13030303030303 | 0.606764 |
| 704 | 11 | 26 | 5.965 | 0.108391608391608 | 0.736662 |
| 705 | 11 | 34 | 13.466 | 0.114973262032086 | 0.643535 |
| 706 | 11 | 23 | 8.009 | 0.118577075098814 | 0.661053 |
| 707 | 11 | 43 | 21.941 | 0.12262156448203 | 0.587342 |
| 708 | 11 | 57 | 17.095 | 0.121212121212121 | 0.62131 |
| 709 | 11 | 52 | 15.838 | 0.120629370629371 | 0.604652 |
| 710 | 11 | 34 | 18.475 | 0.128342245989305 | 0.611059 |
| 711 | 11 | 20 | 9.048 | 0.113636363636364 | 0.731136 |
| 712 | 11 | 36 | 14.495 | 0.131313131313131 | 0.592777 |
| 713 | 11 | 35 | 14.705 | 0.114285714285714 | 0.549015 |
| 714 | 11 | 30 | 9.114 | 0.112121212121212 | 0.697528 |
| 715 | 11 | 37 | 17.549 | 0.127764127764128 | 0.624949 |
| 716 | 11 | 38 | 16.601 | 0.110047846889952 | 0.560907 |
| 717 | 11 | 30 | 11.437 | 0.124242424242424 | 0.688819 |
| 718 | 11 | 52 | 16.369 | 0.118881118881119 | 0.611754 |
| 719 | 11 | 44 | 19.903 | 0.150826446280992 | 0.519199 |
| 720 | 11 | 21 | 2.642 | 0.103896103896104 | 0.767284 |
| 721 | 11 | 19 | 9.661 | 0.124401913875598 | 0.72923 |
| 722 | 11 | 24 | 12.336 | 0.121212121212121 | 0.676701 |
| 723 | 11 | 28 | 15.481 | 0.12987012987013 | 0.649948 |
| 724 | 11 | 38 | 8.622 | 0.107655502392345 | 0.715488 |
| 725 | 11 | 35 | 24.831 | 0.124675324675325 | 0.567658 |
| 726 | 11 | 39 | 14.682 | 0.123543123543124 | 0.648218 |
| 727 | 11 | 41 | 20.24 | 0.119733924611973 | 0.598027 |
| 728 | 11 | 40 | 12.313 | 0.111363636363636 | 0.667994 |
| 729 | 11 | 35 | 9.462 | 0.106493506493506 | 0.692973 |
| 730 | 11 | 70 | 15.099 | 0.111688311688312 | 0.480749 |
| 731 | 11 | 34 | 10.173 | 0.114973262032086 | 0.690583 |
| 732 | 11 | 33 | 12.023 | 0.121212121212121 | 0.66575 |
| 733 | 11 | 33 | 7.596 | 0.112947658402204 | 0.706063 |
| 734 | 11 | 17 | 17.627 | 0.13903743315508 | 0.631609 |
| 735 | 11 | 49 | 16.849 | 0.133580705009276 | 0.564772 |
| 736 | 11 | 20 | 12.857 | 0.131818181818182 | 0.693167 |
| 737 | 11 | 14 | 8.219 | 0.123376623376623 | 0.75894 |
| 738 | 11 | 38 | 18.791 | 0.117224880382775 | 0.590115 |
| 739 | 11 | 29 | 20.481 | 0.150470219435737 | 0.537289 |
| 740 | 11 | 40 | 19.98 | 0.129545454545455 | 0.607831 |
| 741 | 11 | 21 | 10.44 | 0.112554112554113 | 0.68041 |
| 742 | 11 | 21 | 3.019 | 0.108225108225108 | 0.785525 |
| 743 | 11 | 26 | 12.961 | 0.122377622377622 | 0.672596 |
| 744 | 11 | 30 | 9.286 | 0.121212121212121 | 0.65932 |
| 745 | 11 | 73 | 15.842 | 0.107098381070984 | 0.496973 |
| 746 | 11 | 38 | 25.522 | 0.131578947368421 | 0.525576 |
| 747 | 11 | 23 | 8.994 | 0.114624505928854 | 0.727639 |
| 748 | 11 | 31 | 10.575 | 0.12316715542522 | 0.684184 |
| 749 | 11 | 42 | 11.463 | 0.112554112554113 | 0.674125 |
| 750 | 11 | 26 | 26.316 | 0.143356643356643 | 0.57997 |
| 751 | 11 | 44 | 15.338 | 0.12603305785124 | 0.605429 |
| 752 | 11 | 25 | 6.714 | 0.112727272727273 | 0.747069 |
| 753 | 11 | 47 | 12.978 | 0.112185686653772 | 0.638168 |
| 754 | 11 | 29 | 4.876 | 0.100313479623824 | 0.764572 |
| 755 | 11 | 29 | 10.909 | 0.106583072100313 | 0.667755 |
| 756 | 11 | 52 | 17.523 | 0.118881118881119 | 0.611106 |
| 757 | 11 | 23 | 5.79 | 0.106719367588933 | 0.783191 |
| 758 | 11 | 31 | 8.205 | 0.108504398826979 | 0.720165 |
| 759 | 11 | 23 | 4.167 | 0.106719367588933 | 0.779076 |
| 760 | 11 | 45 | 13.784 | 0.125252525252525 | 0.613895 |
| 761 | 11 | 21 | 5.66 | 0.112554112554113 | 0.75141 |
| 762 | 11 | 24 | 12.714 | 0.132575757575758 | 0.637501 |
| 763 | 11 | 13 | 18.672 | 0.160839160839161 | 0.599204 |
| 764 | 11 | 38 | 14.675 | 0.12200956937799 | 0.610098 |
| 765 | 11 | 39 | 8.663 | 0.107226107226107 | 0.715907 |
| 766 | 11 | 27 | 8.251 | 0.114478114478114 | 0.738687 |
| 767 | 11 | 54 | 18.671 | 0.121212121212121 | 0.597361 |
| 768 | 11 | 36 | 12.348 | 0.121212121212121 | 0.648383 |
| 769 | 11 | 19 | 11.283 | 0.133971291866029 | 0.673418 |
| 770 | 11 | 20 | 5.51 | 0.104545454545455 | 0.75985 |
| 771 | 11 | 25 | 10.08 | 0.116363636363636 | 0.72357 |
| 772 | 11 | 37 | 11.914 | 0.122850122850123 | 0.642347 |
| 773 | 11 | 20 | 7.687 | 0.113636363636364 | 0.702335 |
| 774 | 11 | 40 | 13.498 | 0.120454545454545 | 0.637895 |
| 775 | 11 | 33 | 20.115 | 0.129476584022039 | 0.59841 |
| 776 | 11 | 28 | 15.057 | 0.13961038961039 | 0.585138 |
| 777 | 11 | 32 | 9.164 | 0.116477272727273 | 0.704281 |
| 778 | 11 | 37 | 19.306 | 0.122850122850123 | 0.569548 |
| 779 | 11 | 55 | 12.215 | 0.125619834710744 | 0.632912 |
| 780 | 11 | 35 | 12.693 | 0.122077922077922 | 0.661782 |
| 781 | 11 | 27 | 12.808 | 0.124579124579125 | 0.642021 |
| 782 | 11 | 38 | 18.421 | 0.136363636363636 | 0.561664 |
| 783 | 11 | 35 | 8.128 | 0.111688311688312 | 0.71221 |
| 784 | 11 | 33 | 13.457 | 0.121212121212121 | 0.660067 |
| 785 | 11 | 78 | 17.156 | 0.108391608391608 | 0.550644 |
| 786 | 11 | 28 | 18.129 | 0.126623376623377 | 0.647546 |
| 787 | 11 | 28 | 14.704 | 0.116883116883117 | 0.653491 |
| 788 | 11 | 29 | 20.45 | 0.122257053291536 | 0.577203 |
| 789 | 11 | 20 | 9.762 | 0.109090909090909 | 0.699589 |
| 790 | 11 | 33 | 14.813 | 0.118457300275482 | 0.643537 |
| 791 | 11 | 29 | 14.064 | 0.109717868338558 | 0.631776 |
| 792 | 11 | 45 | 16.38 | 0.123232323232323 | 0.622626 |
| 793 | 11 | 38 | 8.93 | 0.110047846889952 | 0.649749 |
| 794 | 11 | 26 | 10.737 | 0.132867132867133 | 0.652303 |
| 795 | 11 | 27 | 3.744 | 0.0976430976430976 | 0.794211 |
| 796 | 11 | 33 | 14.131 | 0.129476584022039 | 0.632814 |
| 797 | 11 | 52 | 15.64 | 0.131118881118881 | 0.596754 |
| 798 | 11 | 19 | 6.416 | 0.114832535885167 | 0.713478 |
| 799 | 11 | 26 | 13.702 | 0.132867132867133 | 0.638456 |
| 800 | 11 | 24 | 3.827 | 0.117424242424242 | 0.749155 |
| 801 | 11 | 22 | 2.098 | 0.107438016528926 | 0.718865 |
| 802 | 11 | 30 | 14.139 | 0.124242424242424 | 0.653724 |
| 803 | 11 | 35 | 12.485 | 0.122077922077922 | 0.669478 |
| 804 | 11 | 24 | 25.642 | 0.136363636363636 | 0.570941 |
| 805 | 11 | 16 | 4.857 | 0.113636363636364 | 0.749931 |
| 806 | 11 | 16 | 13.543 | 0.125 | 0.696222 |
| 807 | 11 | 44 | 10.245 | 0.109504132231405 | 0.672773 |
| 808 | 11 | 39 | 21.42 | 0.121212121212121 | 0.570958 |
| 809 | 11 | 70 | 16.97 | 0.111688311688312 | 0.412476 |
| 810 | 11 | 39 | 17.593 | 0.128205128205128 | 0.627717 |
| 811 | 11 | 46 | 12.732 | 0.118577075098814 | 0.656054 |
| 812 | 11 | 28 | 11.853 | 0.12012987012987 | 0.673425 |
| 813 | 11 | 25 | 13.709 | 0.130909090909091 | 0.658895 |
| 814 | 11 | 54 | 16.462 | 0.12962962962963 | 0.565145 |
| 815 | 11 | 25 | 9.343 | 0.123636363636364 | 0.67382 |
| 816 | 11 | 21 | 11.547 | 0.116883116883117 | 0.698156 |
| 817 | 11 | 34 | 29.15 | 0.147058823529412 | 0.533513 |
| 818 | 11 | 35 | 14.324 | 0.116883116883117 | 0.653769 |
| 819 | 11 | 24 | 5.639 | 0.106060606060606 | 0.741001 |
| 820 | 11 | 24 | 11.732 | 0.121212121212121 | 0.658146 |
| 821 | 11 | 20 | 12.789 | 0.122727272727273 | 0.663868 |
| 822 | 11 | 39 | 16.897 | 0.116550116550117 | 0.631144 |
| 823 | 11 | 42 | 10.46 | 0.108225108225108 | 0.598341 |
| 824 | 11 | 23 | 8.326 | 0.114624505928854 | 0.749042 |
| 825 | 11 | 61 | 13.722 | 0.104321907600596 | 0.387506 |
| 826 | 11 | 27 | 10.796 | 0.124579124579125 | 0.649327 |
| 827 | 11 | 38 | 18.712 | 0.11244019138756 | 0.554948 |
| 828 | 11 | 20 | 7.959 | 0.113636363636364 | 0.660738 |
| 829 | 11 | 53 | 11.482 | 0.102915951972556 | 0.61216 |
| 830 | 11 | 40 | 12.264 | 0.111363636363636 | 0.622181 |
| 831 | 11 | 30 | 11.061 | 0.118181818181818 | 0.684359 |
| 832 | 11 | 16 | 7.714 | 0.119318181818182 | 0.748232 |
| 833 | 11 | 26 | 10.632 | 0.122377622377622 | 0.675045 |
| 834 | 11 | 36 | 10.723 | 0.118686868686869 | 0.667664 |
| 835 | 11 | 40 | 13.878 | 0.118181818181818 | 0.652309 |
| 836 | 11 | 24 | 13.129 | 0.128787878787879 | 0.659114 |
| 837 | 11 | 30 | 15.24 | 0.121212121212121 | 0.64307 |
| 838 | 11 | 26 | 12.346 | 0.125874125874126 | 0.651184 |
| 839 | 11 | 37 | 18.632 | 0.137592137592138 | 0.590198 |
| 840 | 11 | 43 | 14.953 | 0.107822410147992 | 0.612781 |
| 841 | 11 | 28 | 8.584 | 0.107142857142857 | 0.713432 |
| 842 | 11 | 18 | 9.535 | 0.116161616161616 | 0.731504 |
| 843 | 11 | 48 | 13.457 | 0.121212121212121 | 0.644964 |
| 844 | 11 | 28 | 10.316 | 0.12012987012987 | 0.718712 |
| 845 | 11 | 30 | 17.16 | 0.121212121212121 | 0.625571 |
| 846 | 11 | 32 | 15.158 | 0.127840909090909 | 0.641431 |
| 847 | 11 | 35 | 10.045 | 0.111688311688312 | 0.630551 |
| 848 | 11 | 26 | 6.798 | 0.115384615384615 | 0.729963 |
| 849 | 11 | 15 | 15.833 | 0.133333333333333 | 0.673501 |
| 850 | 11 | 35 | 15.356 | 0.119480519480519 | 0.613368 |
| 851 | 11 | 22 | 11.189 | 0.115702479338843 | 0.558615 |
| 852 | 11 | 32 | 11.139 | 0.125 | 0.648187 |
| 853 | 11 | 30 | 6.453 | 0.112121212121212 | 0.731124 |
| 854 | 11 | 12 | 10.606 | 0.151515151515152 | 0.674952 |
| 855 | 11 | 19 | 13.466 | 0.133971291866029 | 0.649187 |
| 856 | 11 | 46 | 15.7 | 0.112648221343874 | 0.597051 |
| 857 | 11 | 40 | 11.643 | 0.115909090909091 | 0.686598 |
| 858 | 11 | 21 | 6.541 | 0.112554112554113 | 0.748453 |
| 859 | 11 | 35 | 10.378 | 0.116883116883117 | 0.682409 |
| 860 | 11 | 44 | 21.122 | 0.136363636363636 | 0.56722 |
| 861 | 11 | 19 | 5.31 | 0.110047846889952 | 0.759855 |
| 862 | 11 | 29 | 8.243 | 0.112852664576803 | 0.702867 |
| 863 | 11 | 27 | 6.65 | 0.107744107744108 | 0.755787 |
| 864 | 11 | 40 | 13.191 | 0.115909090909091 | 0.688136 |
| 865 | 11 | 28 | 12.933 | 0.12012987012987 | 0.664661 |
| 866 | 11 | 22 | 11.772 | 0.119834710743802 | 0.687217 |
| 867 | 11 | 37 | 17.36 | 0.110565110565111 | 0.547599 |
| 868 | 11 | 31 | 14.308 | 0.12316715542522 | 0.662076 |
| 869 | 11 | 53 | 26.585 | 0.133790737564322 | 0.527735 |
| 870 | 11 | 31 | 11.699 | 0.12316715542522 | 0.662077 |
| 871 | 11 | 33 | 18.991 | 0.132231404958678 | 0.600213 |
| 872 | 11 | 24 | 9.056 | 0.117424242424242 | 0.724181 |
| 873 | 11 | 71 | 22.165 | 0.112676056338028 | 0.507955 |
| 874 | 11 | 33 | 11.771 | 0.112947658402204 | 0.659664 |
| 875 | 11 | 25 | 6.761 | 0.109090909090909 | 0.709932 |
| 876 | 11 | 29 | 17.307 | 0.128526645768025 | 0.637068 |
| 877 | 11 | 64 | 14.909 | 0.126420454545455 | 0.600381 |
| 878 | 11 | 43 | 19.645 | 0.12262156448203 | 0.551377 |
| 879 | 11 | 29 | 18.244 | 0.122257053291536 | 0.613356 |
| 880 | 11 | 48 | 24.371 | 0.128787878787879 | 0.540175 |
| 881 | 11 | 35 | 7.167 | 0.106493506493506 | 0.732828 |
| 882 | 11 | 10 | 4 | 0.118181818181818 | 0.792833 |
| 883 | 11 | 17 | 13.455 | 0.133689839572193 | 0.665548 |
| 884 | 11 | 26 | 9.84 | 0.129370629370629 | 0.65079 |
| 885 | 11 | 44 | 10.431 | 0.105371900826446 | 0.54627 |
| 886 | 11 | 27 | 16.667 | 0.124579124579125 | 0.636176 |
| 887 | 11 | 30 | 5.204 | 0.106060606060606 | 0.767273 |
| 888 | 11 | 22 | 14.103 | 0.119834710743802 | 0.665816 |
| 889 | 11 | 25 | 2.254 | 0.101818181818182 | 0.808594 |
| 890 | 11 | 77 | 9.726 | 0.103896103896104 | 0.503176 |
| 891 | 11 | 15 | 22.292 | 0.151515151515152 | 0.56476 |
| 892 | 11 | 33 | 8.272 | 0.107438016528926 | 0.741548 |
| 893 | 11 | 43 | 8.076 | 0.105708245243129 | 0.523143 |
| 894 | 11 | 22 | 10.256 | 0.119834710743802 | 0.715755 |
| 895 | 11 | 43 | 8.707 | 0.109936575052854 | 0.722197 |
| 896 | 11 | 18 | 11.899 | 0.126262626262626 | 0.71674 |
| 897 | 11 | 33 | 14.581 | 0.121212121212121 | 0.651805 |
| 898 | 11 | 48 | 17.923 | 0.125 | 0.582826 |
| 899 | 11 | 16 | 14.476 | 0.136363636363636 | 0.671825 |
| 900 | 11 | 31 | 7.848 | 0.108504398826979 | 0.701177 |
| 901 | 11 | 30 | 12.517 | 0.124242424242424 | 0.670379 |
| 902 | 11 | 32 | 18.889 | 0.133522727272727 | 0.611541 |
| 903 | 11 | 31 | 7.218 | 0.114369501466276 | 0.73629 |
| 904 | 11 | 35 | 19.957 | 0.137662337662338 | 0.584505 |
| 905 | 11 | 25 | 15.123 | 0.12 | 0.653755 |
| 906 | 11 | 11 | 25.455 | 0.181818181818182 | 0.570214 |
| 907 | 11 | 27 | 18.588 | 0.121212121212121 | 0.621087 |
| 908 | 11 | 25 | 5.493 | 0.112727272727273 | 0.794933 |
| 909 | 11 | 23 | 12.324 | 0.126482213438735 | 0.673771 |
| 910 | 11 | 34 | 9.03 | 0.112299465240642 | 0.713087 |
| 911 | 11 | 23 | 6.818 | 0.110671936758893 | 0.644068 |
| 912 | 11 | 38 | 17.635 | 0.133971291866029 | 0.59498 |
| 913 | 11 | 39 | 11.34 | 0.111888111888112 | 0.673116 |
| 914 | 11 | 23 | 9.47 | 0.118577075098814 | 0.647721 |
| 915 | 11 | 36 | 9.057 | 0.113636363636364 | 0.700183 |
| 916 | 11 | 28 | 17.318 | 0.142857142857143 | 0.594483 |
| 917 | 11 | 27 | 10.878 | 0.114478114478114 | 0.691114 |
| 918 | 11 | 21 | 10.252 | 0.121212121212121 | 0.693817 |
| 919 | 11 | 24 | 12.487 | 0.121212121212121 | 0.67963 |
| 920 | 11 | 17 | 7.853 | 0.117647058823529 | 0.752002 |
| 921 | 11 | 58 | 20.54 | 0.128526645768025 | 0.545613 |
| 922 | 11 | 51 | 23.091 | 0.124777183600713 | 0.569541 |
| 923 | 11 | 17 | 10.646 | 0.128342245989305 | 0.706541 |
| 924 | 11 | 29 | 11.696 | 0.128526645768025 | 0.645994 |
| 925 | 11 | 25 | 18.322 | 0.145454545454545 | 0.57996 |
| 926 | 11 | 33 | 9.663 | 0.104683195592287 | 0.675833 |
| 927 | 11 | 44 | 13.774 | 0.12396694214876 | 0.595503 |
| 928 | 11 | 27 | 8.695 | 0.117845117845118 | 0.681573 |
| 929 | 11 | 37 | 16.529 | 0.115479115479115 | 0.633262 |
| 930 | 11 | 29 | 6.652 | 0.109717868338558 | 0.719934 |
| 931 | 11 | 23 | 18.398 | 0.126482213438735 | 0.618111 |
| 932 | 11 | 36 | 11.575 | 0.111111111111111 | 0.680204 |
| 933 | 11 | 24 | 20.423 | 0.132575757575758 | 0.597501 |
| 934 | 11 | 27 | 8.436 | 0.111111111111111 | 0.729044 |
| 935 | 11 | 38 | 10.372 | 0.11244019138756 | 0.689389 |
| 936 | 11 | 23 | 5.357 | 0.102766798418972 | 0.748447 |
| 937 | 11 | 30 | 12.128 | 0.121212121212121 | 0.679318 |
| 938 | 11 | 32 | 10.218 | 0.122159090909091 | 0.683014 |
| 939 | 11 | 39 | 21.55 | 0.121212121212121 | 0.575762 |
| 940 | 11 | 19 | 10.914 | 0.129186602870813 | 0.700904 |
| 941 | 11 | 31 | 14.478 | 0.117302052785924 | 0.658066 |
| 942 | 11 | 85 | 22.626 | 0.131550802139037 | 0.504023 |
| 943 | 11 | 11 | 20.515 | 0.181818181818182 | 0.52683 |
| 944 | 11 | 20 | 2.857 | 0.109090909090909 | 0.77076 |
| 945 | 11 | 29 | 14.261 | 0.128526645768025 | 0.63945 |
| 946 | 11 | 44 | 15.275 | 0.105371900826446 | 0.532047 |
| 947 | 11 | 47 | 11.76 | 0.112185686653772 | 0.657491 |
| 948 | 11 | 21 | 9.591 | 0.121212121212121 | 0.71295 |
| 949 | 11 | 42 | 22.716 | 0.121212121212121 | 0.53758 |
| 950 | 11 | 41 | 8.242 | 0.110864745011086 | 0.741532 |
| 951 | 11 | 35 | 6.897 | 0.106493506493506 | 0.73461 |
| 952 | 11 | 52 | 25.383 | 0.141608391608392 | 0.504002 |
| 953 | 11 | 30 | 10.57 | 0.115151515151515 | 0.695228 |
| 954 | 11 | 36 | 9.64 | 0.113636363636364 | 0.707592 |
| 955 | 11 | 77 | 26.28 | 0.119244391971665 | 0.462165 |
| 956 | 11 | 42 | 12.445 | 0.125541125541126 | 0.675034 |
| 957 | 11 | 64 | 26.361 | 0.113636363636364 | 0.424644 |
| 958 | 11 | 26 | 8.678 | 0.115384615384615 | 0.708845 |
| 959 | 11 | 15 | 18.438 | 0.145454545454545 | 0.614539 |
| 960 | 11 | 45 | 17.075 | 0.129292929292929 | 0.596389 |
| 961 | 11 | 28 | 14.237 | 0.12987012987013 | 0.586205 |
| 962 | 11 | 32 | 9.073 | 0.110795454545455 | 0.712623 |
| 963 | 11 | 34 | 6.669 | 0.106951871657754 | 0.757428 |
| 964 | 11 | 25 | 5.962 | 0.116363636363636 | 0.765558 |
| 965 | 11 | 71 | 21.744 | 0.130601792573624 | 0.487752 |
| 966 | 11 | 26 | 7.289 | 0.111888111888112 | 0.771415 |
| 967 | 11 | 53 | 16.215 | 0.111492281303602 | 0.579589 |
| 968 | 11 | 27 | 18.379 | 0.117845117845118 | 0.588516 |
| 969 | 11 | 23 | 4.221 | 0.110671936758893 | 0.734625 |
| 970 | 11 | 52 | 19.981 | 0.115384615384615 | 0.51212 |
| 971 | 11 | 25 | 9.718 | 0.116363636363636 | 0.705013 |
| 972 | 11 | 30 | 6.463 | 0.109090909090909 | 0.757645 |
| 973 | 11 | 35 | 8.635 | 0.109090909090909 | 0.719319 |
| 974 | 11 | 18 | 1.683 | 0.095959595959596 | 0.847557 |
| 975 | 11 | 52 | 24.977 | 0.129370629370629 | 0.50653 |
| 976 | 11 | 33 | 10.571 | 0.121212121212121 | 0.674015 |
| 977 | 11 | 18 | 10.096 | 0.121212121212121 | 0.734314 |
| 978 | 11 | 29 | 18.138 | 0.119122257053292 | 0.626676 |
| 979 | 11 | 42 | 15.99 | 0.12987012987013 | 0.634673 |
| 980 | 11 | 23 | 12.013 | 0.114624505928854 | 0.688403 |
| 981 | 11 | 41 | 11.417 | 0.119733924611973 | 0.663181 |
| 982 | 11 | 38 | 11.679 | 0.11244019138756 | 0.674452 |
| 983 | 11 | 47 | 13.176 | 0.112185686653772 | 0.612604 |
| 984 | 11 | 24 | 5.438 | 0.113636363636364 | 0.757709 |
| 985 | 11 | 45 | 10.976 | 0.119191919191919 | 0.673024 |
| 986 | 11 | 17 | 13.927 | 0.128342245989305 | 0.644045 |
| 987 | 11 | 22 | 20.571 | 0.136363636363636 | 0.615192 |
| 988 | 11 | 35 | 14.198 | 0.124675324675325 | 0.644478 |
| 989 | 11 | 49 | 17.172 | 0.116883116883117 | 0.569107 |
| 990 | 11 | 34 | 12.14 | 0.122994652406417 | 0.559493 |
| 991 | 11 | 26 | 11.888 | 0.122377622377622 | 0.687291 |
| 992 | 11 | 31 | 9.42 | 0.117302052785924 | 0.711813 |
| 993 | 11 | 21 | 23.139 | 0.147186147186147 | 0.530237 |
| 994 | 11 | 27 | 12.632 | 0.117845117845118 | 0.681575 |
| 995 | 11 | 28 | 18.106 | 0.146103896103896 | 0.56786 |
| 996 | 11 | 34 | 21.911 | 0.131016042780749 | 0.586791 |
| 997 | 11 | 31 | 21.356 | 0.13782991202346 | 0.581214 |
| 998 | 11 | 73 | 17.394 | 0.114570361145704 | 0.506328 |
| 999 | 11 | 17 | 1.571 | 0.101604278074866 | 0.858641 |
| 1000 | 11 | 35 | 7.885 | 0.106493506493506 | 0.645385 |

**Table 6**. Characterization of the random network of the body size model for Atlantic rainforest.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Network | Host | Parasites | Nestedness | Connectance | Modularity |
| 1 | 11 | 54 | 16.976 | 0.112794612794613 | 0.568005 |
| 2 | 11 | 41 | 20.556 | 0.119733924611973 | 0.557903 |
| 3 | 11 | 37 | 19.776 | 0.113022113022113 | 0.547677 |
| 4 | 11 | 39 | 29.485 | 0.128205128205128 | 0.513672 |
| 5 | 11 | 26 | 9.43 | 0.122377622377622 | 0.710962 |
| 6 | 11 | 54 | 26.592 | 0.153198653198653 | 0.481551 |
| 7 | 11 | 44 | 19.059 | 0.130165289256198 | 0.576168 |
| 8 | 11 | 43 | 22.497 | 0.120507399577167 | 0.561044 |
| 9 | 11 | 24 | 10.574 | 0.121212121212121 | 0.697208 |
| 10 | 11 | 36 | 20.172 | 0.131313131313131 | 0.599433 |
| 11 | 11 | 45 | 10.468 | 0.113131313131313 | 0.693816 |
| 12 | 11 | 26 | 14.191 | 0.136363636363636 | 0.646236 |
| 13 | 11 | 41 | 12.178 | 0.110864745011086 | 0.604742 |
| 14 | 11 | 35 | 12.586 | 0.122077922077922 | 0.669023 |
| 15 | 11 | 34 | 3.193 | 0.10427807486631 | 0.747459 |
| 16 | 11 | 35 | 18.897 | 0.119480519480519 | 0.570835 |
| 17 | 11 | 45 | 17.807 | 0.123232323232323 | 0.595217 |
| 18 | 11 | 23 | 10.444 | 0.122529644268775 | 0.686727 |
| 19 | 11 | 20 | 5.442 | 0.104545454545455 | 0.765521 |
| 20 | 11 | 45 | 17.824 | 0.121212121212121 | 0.558006 |
| 21 | 11 | 44 | 23.796 | 0.12396694214876 | 0.557726 |
| 22 | 11 | 47 | 24.683 | 0.131528046421663 | 0.537154 |
| 23 | 11 | 34 | 6.527 | 0.112299465240642 | 0.73576 |
| 24 | 11 | 54 | 26.588 | 0.141414141414141 | 0.482248 |
| 25 | 11 | 27 | 5.706 | 0.111111111111111 | 0.762097 |
| 26 | 11 | 40 | 24.797 | 0.134090909090909 | 0.59087 |
| 27 | 11 | 22 | 11.101 | 0.12396694214876 | 0.668833 |
| 28 | 11 | 28 | 6.197 | 0.107142857142857 | 0.750159 |
| 29 | 11 | 35 | 7.185 | 0.116883116883117 | 0.731787 |
| 30 | 11 | 40 | 15.497 | 0.106818181818182 | 0.607455 |
| 31 | 11 | 54 | 15.233 | 0.11952861952862 | 0.627995 |
| 32 | 11 | 37 | 10.928 | 0.113022113022113 | 0.675743 |
| 33 | 11 | 70 | 21.378 | 0.136363636363636 | 0.476155 |
| 34 | 11 | 38 | 18.394 | 0.12200956937799 | 0.547431 |
| 35 | 11 | 35 | 20 | 0.122077922077922 | 0.541371 |
| 36 | 11 | 42 | 14.915 | 0.108225108225108 | 0.572344 |
| 37 | 11 | 31 | 6.534 | 0.105571847507331 | 0.719066 |
| 38 | 11 | 41 | 19.641 | 0.119733924611973 | 0.56545 |
| 39 | 11 | 19 | 9.823 | 0.124401913875598 | 0.70852 |
| 40 | 11 | 53 | 21.457 | 0.145797598627787 | 0.503631 |
| 41 | 11 | 38 | 30.13 | 0.143540669856459 | 0.518013 |
| 42 | 11 | 45 | 19.218 | 0.121212121212121 | 0.617168 |
| 43 | 11 | 20 | 10.544 | 0.131818181818182 | 0.689601 |
| 44 | 11 | 49 | 15.199 | 0.115027829313544 | 0.603482 |
| 45 | 11 | 42 | 13.402 | 0.116883116883117 | 0.624771 |
| 46 | 11 | 40 | 19.044 | 0.125 | 0.597964 |
| 47 | 11 | 51 | 14.094 | 0.114081996434938 | 0.608342 |
| 48 | 11 | 43 | 19.951 | 0.12262156448203 | 0.559699 |
| 49 | 11 | 40 | 15.857 | 0.120454545454545 | 0.60799 |
| 50 | 11 | 55 | 21.988 | 0.12396694214876 | 0.562442 |
| 51 | 11 | 27 | 9.319 | 0.121212121212121 | 0.6913 |
| 52 | 11 | 67 | 21.419 | 0.141112618724559 | 0.441166 |
| 53 | 11 | 59 | 20.99 | 0.13251155624037 | 0.568777 |
| 54 | 11 | 38 | 16.393 | 0.114832535885167 | 0.607581 |
| 55 | 11 | 42 | 20.212 | 0.123376623376623 | 0.562582 |
| 56 | 11 | 45 | 14.071 | 0.117171717171717 | 0.636092 |
| 57 | 11 | 38 | 26.904 | 0.126794258373206 | 0.53573 |
| 58 | 11 | 41 | 15.422 | 0.117516629711752 | 0.575241 |
| 59 | 11 | 48 | 27.712 | 0.134469696969697 | 0.523665 |
| 60 | 11 | 20 | 6.531 | 0.122727272727273 | 0.710502 |
| 61 | 11 | 44 | 22.281 | 0.12603305785124 | 0.569958 |
| 62 | 11 | 31 | 13.902 | 0.117302052785924 | 0.66494 |
| 63 | 11 | 45 | 12.453 | 0.117171717171717 | 0.662546 |
| 64 | 11 | 48 | 16.143 | 0.117424242424242 | 0.580853 |
| 65 | 11 | 40 | 8.775 | 0.104545454545455 | 0.715432 |
| 66 | 11 | 39 | 12.986 | 0.111888111888112 | 0.61626 |
| 67 | 11 | 39 | 13.904 | 0.121212121212121 | 0.637518 |
| 68 | 11 | 42 | 15.574 | 0.116883116883117 | 0.587395 |
| 69 | 11 | 50 | 16.945 | 0.116363636363636 | 0.619817 |
| 70 | 11 | 63 | 12.682 | 0.112554112554113 | 0.651649 |
| 71 | 11 | 49 | 12.209 | 0.11873840445269 | 0.563669 |
| 72 | 11 | 47 | 19.813 | 0.131528046421663 | 0.548615 |
| 73 | 11 | 28 | 2.079 | 0.103896103896104 | 0.795821 |
| 74 | 11 | 51 | 12.4 | 0.110516934046346 | 0.633134 |
| 75 | 11 | 40 | 24.621 | 0.118181818181818 | 0.546178 |
| 76 | 11 | 32 | 10.721 | 0.119318181818182 | 0.669444 |
| 77 | 11 | 55 | 23.524 | 0.122314049586777 | 0.544148 |
| 78 | 11 | 44 | 16.715 | 0.121900826446281 | 0.606097 |
| 79 | 11 | 54 | 16.115 | 0.114478114478114 | 0.63078 |
| 80 | 11 | 43 | 17.495 | 0.116279069767442 | 0.5973 |
| 81 | 11 | 23 | 13.629 | 0.130434782608696 | 0.652841 |
| 82 | 11 | 41 | 19.2 | 0.119733924611973 | 0.568535 |
| 83 | 11 | 40 | 25.582 | 0.127272727272727 | 0.548739 |
| 84 | 11 | 38 | 18.849 | 0.117224880382775 | 0.590116 |
| 85 | 11 | 44 | 11.455 | 0.109504132231405 | 0.644652 |
| 86 | 11 | 56 | 16.973 | 0.123376623376623 | 0.619751 |
| 87 | 11 | 48 | 26.638 | 0.134469696969697 | 0.538341 |
| 88 | 11 | 48 | 17.478 | 0.117424242424242 | 0.597762 |
| 89 | 11 | 43 | 12.991 | 0.12262156448203 | 0.669085 |
| 90 | 11 | 34 | 7.873 | 0.106951871657754 | 0.734931 |
| 91 | 11 | 51 | 14.698 | 0.114081996434938 | 0.648868 |
| 92 | 11 | 36 | 10.237 | 0.108585858585859 | 0.674354 |
| 93 | 11 | 45 | 19.405 | 0.115151515151515 | 0.595513 |
| 94 | 11 | 23 | 6.331 | 0.110671936758893 | 0.743553 |
| 95 | 11 | 50 | 27.745 | 0.14 | 0.496673 |
| 96 | 11 | 44 | 21.546 | 0.12603305785124 | 0.562704 |
| 97 | 11 | 49 | 26.775 | 0.133580705009276 | 0.464853 |
| 98 | 11 | 42 | 22.622 | 0.125541125541126 | 0.584371 |
| 99 | 11 | 43 | 13.788 | 0.116279069767442 | 0.59069 |
| 100 | 11 | 45 | 18.172 | 0.117171717171717 | 0.603096 |
| 101 | 11 | 53 | 19.528 | 0.125214408233276 | 0.555593 |
| 102 | 11 | 34 | 18.393 | 0.120320855614973 | 0.599951 |
| 103 | 11 | 49 | 21.198 | 0.133580705009276 | 0.561876 |
| 104 | 11 | 34 | 13.44 | 0.120320855614973 | 0.651795 |
| 105 | 11 | 41 | 21.652 | 0.130820399113082 | 0.559276 |
| 106 | 11 | 39 | 26.865 | 0.130536130536131 | 0.527059 |
| 107 | 11 | 44 | 26.562 | 0.121900826446281 | 0.533707 |
| 108 | 11 | 38 | 15.942 | 0.124401913875598 | 0.575761 |
| 109 | 11 | 22 | 2.797 | 0.107438016528926 | 0.763241 |
| 110 | 11 | 35 | 4.842 | 0.103896103896104 | 0.71243 |
| 111 | 11 | 50 | 12.429 | 0.112727272727273 | 0.636778 |
| 112 | 11 | 56 | 13.309 | 0.108766233766234 | 0.640617 |
| 113 | 11 | 40 | 15.504 | 0.111363636363636 | 0.607188 |
| 114 | 11 | 35 | 31.471 | 0.132467532467532 | 0.52206 |
| 115 | 11 | 31 | 10.05 | 0.120234604105572 | 0.676324 |
| 116 | 11 | 46 | 17.884 | 0.122529644268775 | 0.552501 |
| 117 | 11 | 50 | 12.279 | 0.118181818181818 | 0.616275 |
| 118 | 11 | 51 | 22.417 | 0.130124777183601 | 0.528198 |
| 119 | 11 | 49 | 22.502 | 0.128014842300557 | 0.582181 |
| 120 | 11 | 21 | 6.069 | 0.121212121212121 | 0.715499 |
| 121 | 11 | 37 | 12.321 | 0.110565110565111 | 0.53476 |
| 122 | 11 | 44 | 14.026 | 0.119834710743802 | 0.621821 |
| 123 | 11 | 34 | 15.327 | 0.117647058823529 | 0.546949 |
| 124 | 11 | 37 | 8.593 | 0.110565110565111 | 0.69228 |
| 125 | 11 | 43 | 21.163 | 0.128964059196617 | 0.556523 |
| 126 | 11 | 43 | 32.429 | 0.13107822410148 | 0.497096 |
| 127 | 11 | 35 | 16.179 | 0.111688311688312 | 0.505626 |
| 128 | 11 | 40 | 21.109 | 0.120454545454545 | 0.542492 |
| 129 | 11 | 28 | 11.118 | 0.12012987012987 | 0.665392 |
| 130 | 11 | 43 | 17.321 | 0.112050739957717 | 0.567408 |
| 131 | 11 | 46 | 16.151 | 0.108695652173913 | 0.606884 |
| 132 | 11 | 46 | 28.834 | 0.142292490118577 | 0.458295 |
| 133 | 11 | 49 | 16.46 | 0.116883116883117 | 0.615213 |
| 134 | 11 | 39 | 22.812 | 0.116550116550117 | 0.544349 |
| 135 | 11 | 37 | 11.466 | 0.105651105651106 | 0.549429 |
| 136 | 11 | 24 | 7.503 | 0.109848484848485 | 0.726448 |
| 137 | 11 | 51 | 16.51 | 0.121212121212121 | 0.618458 |
| 138 | 11 | 50 | 18.739 | 0.114545454545455 | 0.58372 |
| 139 | 11 | 46 | 22.404 | 0.128458498023715 | 0.54457 |
| 140 | 11 | 40 | 23.346 | 0.125 | 0.545075 |
| 141 | 11 | 63 | 16.336 | 0.121212121212121 | 0.550975 |
| 142 | 11 | 49 | 22.522 | 0.12430426716141 | 0.556869 |
| 143 | 11 | 25 | 5.305 | 0.109090909090909 | 0.73993 |
| 144 | 11 | 48 | 20.033 | 0.128787878787879 | 0.57002 |
| 145 | 11 | 42 | 23.929 | 0.123376623376623 | 0.54658 |
| 146 | 11 | 27 | 8.169 | 0.114478114478114 | 0.747339 |
| 147 | 11 | 28 | 4.388 | 0.107142857142857 | 0.761176 |
| 148 | 11 | 47 | 25.678 | 0.129593810444874 | 0.531253 |
| 149 | 11 | 45 | 18.698 | 0.119191919191919 | 0.579666 |
| 150 | 11 | 44 | 23.915 | 0.128099173553719 | 0.562386 |
| 151 | 11 | 31 | 13.598 | 0.117302052785924 | 0.678064 |
| 152 | 11 | 25 | 8.122 | 0.112727272727273 | 0.757476 |
| 153 | 11 | 22 | 11.909 | 0.128099173553719 | 0.669039 |
| 154 | 11 | 47 | 26.489 | 0.133462282398453 | 0.553411 |
| 155 | 11 | 39 | 19.967 | 0.116550116550117 | 0.568747 |
| 156 | 11 | 34 | 11.769 | 0.109625668449198 | 0.569246 |
| 157 | 11 | 26 | 4.605 | 0.101398601398601 | 0.788269 |
| 158 | 11 | 40 | 17.425 | 0.106818181818182 | 0.553589 |
| 159 | 11 | 45 | 18.105 | 0.121212121212121 | 0.601056 |
| 160 | 11 | 30 | 13.588 | 0.124242424242424 | 0.627551 |
| 161 | 11 | 35 | 12.913 | 0.116883116883117 | 0.642903 |
| 162 | 11 | 21 | 7.39 | 0.121212121212121 | 0.709121 |
| 163 | 11 | 30 | 7.517 | 0.109090909090909 | 0.732957 |
| 164 | 11 | 39 | 15.991 | 0.116550116550117 | 0.591544 |
| 165 | 11 | 37 | 24.668 | 0.127764127764128 | 0.535825 |
| 166 | 11 | 34 | 7.437 | 0.112299465240642 | 0.700615 |
| 167 | 11 | 31 | 7.912 | 0.111436950146628 | 0.715309 |
| 168 | 11 | 34 | 18.19 | 0.125668449197861 | 0.619234 |
| 169 | 11 | 55 | 23.943 | 0.128925619834711 | 0.448022 |
| 170 | 11 | 37 | 15.6 | 0.122850122850123 | 0.567546 |
| 171 | 11 | 37 | 5.29 | 0.103194103194103 | 0.771467 |
| 172 | 11 | 38 | 18.318 | 0.119617224880383 | 0.551947 |
| 173 | 11 | 50 | 21.897 | 0.129090909090909 | 0.561548 |
| 174 | 11 | 23 | 12.684 | 0.126482213438735 | 0.661078 |
| 175 | 11 | 51 | 21.308 | 0.133689839572193 | 0.515871 |
| 176 | 11 | 48 | 23.424 | 0.130681818181818 | 0.569582 |
| 177 | 11 | 44 | 24.855 | 0.121900826446281 | 0.548357 |
| 178 | 11 | 22 | 9.703 | 0.128099173553719 | 0.697131 |
| 179 | 11 | 34 | 13.393 | 0.106951871657754 | 0.489322 |
| 180 | 11 | 30 | 14.286 | 0.112121212121212 | 0.522955 |
| 181 | 11 | 35 | 11.051 | 0.109090909090909 | 0.593478 |
| 182 | 11 | 56 | 9.815 | 0.11038961038961 | 0.672082 |
| 183 | 11 | 23 | 11.31 | 0.126482213438735 | 0.673774 |
| 184 | 11 | 30 | 9.604 | 0.115151515151515 | 0.670302 |
| 185 | 11 | 37 | 13.936 | 0.117936117936118 | 0.576768 |
| 186 | 11 | 44 | 27.842 | 0.12603305785124 | 0.530726 |
| 187 | 11 | 35 | 24.564 | 0.116883116883117 | 0.506123 |
| 188 | 11 | 38 | 21.056 | 0.114832535885167 | 0.571561 |
| 189 | 11 | 29 | 10.318 | 0.119122257053292 | 0.675842 |
| 190 | 11 | 25 | 2.817 | 0.105454545454545 | 0.778759 |
| 191 | 11 | 63 | 21.081 | 0.13997113997114 | 0.466965 |
| 192 | 11 | 43 | 18.246 | 0.107822410147992 | 0.580105 |
| 193 | 11 | 46 | 28.269 | 0.138339920948617 | 0.525878 |
| 194 | 11 | 49 | 21.048 | 0.131725417439703 | 0.572062 |
| 195 | 11 | 25 | 4.977 | 0.105454545454545 | 0.751413 |
| 196 | 11 | 38 | 21.341 | 0.12200956937799 | 0.544354 |
| 197 | 11 | 44 | 21.399 | 0.12396694214876 | 0.587449 |
| 198 | 11 | 42 | 20.917 | 0.119047619047619 | 0.577468 |
| 199 | 11 | 43 | 12.792 | 0.12262156448203 | 0.635502 |
| 200 | 11 | 33 | 10.878 | 0.115702479338843 | 0.697218 |
| 201 | 11 | 34 | 14.225 | 0.120320855614973 | 0.665621 |
| 202 | 11 | 45 | 14.353 | 0.123232323232323 | 0.606235 |
| 203 | 11 | 37 | 25.786 | 0.125307125307125 | 0.539358 |
| 204 | 11 | 23 | 8.488 | 0.118577075098814 | 0.686606 |
| 205 | 11 | 52 | 13.491 | 0.115384615384615 | 0.632171 |
| 206 | 11 | 45 | 18.493 | 0.119191919191919 | 0.583975 |
| 207 | 11 | 48 | 23.222 | 0.130681818181818 | 0.572939 |
| 208 | 11 | 28 | 7.583 | 0.113636363636364 | 0.702795 |
| 209 | 11 | 23 | 8.604 | 0.114624505928854 | 0.686024 |
| 210 | 11 | 48 | 26.381 | 0.136363636363636 | 0.518091 |
| 211 | 11 | 35 | 9.128 | 0.106493506493506 | 0.576383 |
| 212 | 11 | 52 | 17.514 | 0.120629370629371 | 0.599401 |
| 213 | 11 | 38 | 20.212 | 0.124401913875598 | 0.585378 |
| 214 | 11 | 37 | 10.653 | 0.117936117936118 | 0.699589 |
| 215 | 11 | 44 | 8.604 | 0.103305785123967 | 0.662333 |
| 216 | 11 | 40 | 19.999 | 0.111363636363636 | 0.562211 |
| 217 | 11 | 24 | 13.548 | 0.128787878787879 | 0.670361 |
| 218 | 11 | 54 | 19.363 | 0.127946127946128 | 0.548431 |
| 219 | 11 | 34 | 14.232 | 0.114973262032086 | 0.571063 |
| 220 | 11 | 34 | 10.502 | 0.109625668449198 | 0.667992 |
| 221 | 11 | 52 | 22.593 | 0.125874125874126 | 0.561295 |
| 222 | 11 | 34 | 19.424 | 0.114973262032086 | 0.556462 |
| 223 | 11 | 26 | 5.351 | 0.108391608391608 | 0.776202 |
| 224 | 11 | 59 | 17.958 | 0.11864406779661 | 0.53647 |
| 225 | 11 | 46 | 7.141 | 0.102766798418972 | 0.709619 |
| 226 | 11 | 46 | 31.235 | 0.150197628458498 | 0.477804 |
| 227 | 11 | 26 | 3.618 | 0.104895104895105 | 0.76326 |
| 228 | 11 | 32 | 27.647 | 0.119318181818182 | 0.539632 |
| 229 | 11 | 44 | 24.738 | 0.12396694214876 | 0.533563 |
| 230 | 11 | 32 | 21.937 | 0.133522727272727 | 0.567178 |
| 231 | 11 | 33 | 22.556 | 0.121212121212121 | 0.4984 |
| 232 | 11 | 33 | 17.717 | 0.126721763085399 | 0.629908 |
| 233 | 11 | 44 | 27.8 | 0.140495867768595 | 0.522019 |
| 234 | 11 | 33 | 21.098 | 0.115702479338843 | 0.50335 |
| 235 | 11 | 37 | 14.147 | 0.110565110565111 | 0.589571 |
| 236 | 11 | 46 | 18.345 | 0.118577075098814 | 0.576337 |
| 237 | 11 | 36 | 15.324 | 0.121212121212121 | 0.614098 |
| 238 | 11 | 49 | 16.422 | 0.11873840445269 | 0.607366 |
| 239 | 11 | 43 | 14.805 | 0.114164904862579 | 0.599739 |
| 240 | 11 | 43 | 19.272 | 0.116279069767442 | 0.575153 |
| 241 | 11 | 28 | 8.291 | 0.113636363636364 | 0.704425 |
| 242 | 11 | 44 | 29.084 | 0.130165289256198 | 0.528552 |
| 243 | 11 | 47 | 19.987 | 0.129593810444874 | 0.462199 |
| 244 | 11 | 40 | 6.207 | 0.106818181818182 | 0.725599 |
| 245 | 11 | 39 | 27.851 | 0.132867132867133 | 0.524114 |
| 246 | 11 | 43 | 21.212 | 0.137420718816068 | 0.558303 |
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| 248 | 11 | 49 | 23.159 | 0.126159554730983 | 0.538666 |
| 249 | 11 | 63 | 17.352 | 0.124098124098124 | 0.58946 |
| 250 | 11 | 41 | 17.63 | 0.124168514412417 | 0.5599 |
| 251 | 11 | 38 | 26.24 | 0.119617224880383 | 0.53515 |
| 252 | 11 | 45 | 19.142 | 0.123232323232323 | 0.56727 |
| 253 | 11 | 35 | 14.918 | 0.114285714285714 | 0.645087 |
| 254 | 11 | 45 | 19.301 | 0.111111111111111 | 0.564243 |
| 255 | 11 | 46 | 13.876 | 0.120553359683794 | 0.635257 |
| 256 | 11 | 23 | 6.088 | 0.110671936758893 | 0.719323 |
| 257 | 11 | 29 | 13.449 | 0.125391849529781 | 0.643697 |
| 258 | 11 | 54 | 17.263 | 0.114478114478114 | 0.548611 |
| 259 | 11 | 50 | 23.134 | 0.130909090909091 | 0.549532 |
| 260 | 11 | 26 | 11.787 | 0.122377622377622 | 0.677492 |
| 261 | 11 | 39 | 18.413 | 0.125874125874126 | 0.579508 |
| 262 | 11 | 36 | 23.966 | 0.123737373737374 | 0.50266 |
| 263 | 11 | 37 | 28.969 | 0.125307125307125 | 0.525519 |
| 264 | 11 | 60 | 18.434 | 0.124242424242424 | 0.54115 |
| 265 | 11 | 37 | 13.435 | 0.108108108108108 | 0.587235 |
| 266 | 11 | 21 | 10.252 | 0.125541125541126 | 0.683655 |
| 267 | 11 | 41 | 23.261 | 0.124168514412417 | 0.543637 |
| 268 | 11 | 52 | 15.695 | 0.115384615384615 | 0.560098 |
| 269 | 11 | 42 | 20.335 | 0.125541125541126 | 0.607554 |
| 270 | 11 | 47 | 17.763 | 0.121856866537718 | 0.579942 |
| 271 | 11 | 35 | 6.445 | 0.106493506493506 | 0.716172 |
| 272 | 11 | 27 | 5.624 | 0.104377104377104 | 0.780362 |
| 273 | 11 | 45 | 16.861 | 0.119191919191919 | 0.602933 |
| 274 | 11 | 43 | 18.132 | 0.135306553911205 | 0.572466 |
| 275 | 11 | 48 | 16.777 | 0.121212121212121 | 0.585399 |
| 276 | 11 | 42 | 14.801 | 0.112554112554113 | 0.63123 |
| 277 | 11 | 50 | 11.902 | 0.110909090909091 | 0.627462 |
| 278 | 11 | 33 | 22.584 | 0.12396694214876 | 0.516985 |
| 279 | 11 | 22 | 1.923 | 0.0991735537190083 | 0.795058 |
| 280 | 11 | 43 | 20.707 | 0.135306553911205 | 0.559525 |
| 281 | 11 | 31 | 9.186 | 0.111436950146628 | 0.701457 |
| 282 | 11 | 39 | 26.541 | 0.125874125874126 | 0.54522 |
| 283 | 11 | 49 | 19.976 | 0.120593692022263 | 0.577463 |
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| 285 | 11 | 43 | 20.712 | 0.126849894291755 | 0.565508 |
| 286 | 11 | 42 | 30.685 | 0.136363636363636 | 0.504116 |
| 287 | 11 | 38 | 22.514 | 0.117224880382775 | 0.543888 |
| 288 | 11 | 59 | 21.301 | 0.129429892141757 | 0.520932 |
| 289 | 11 | 35 | 17.526 | 0.127272727272727 | 0.570968 |
| 290 | 11 | 39 | 18.129 | 0.118881118881119 | 0.605096 |
| 291 | 11 | 44 | 17.17 | 0.111570247933884 | 0.610367 |
| 292 | 11 | 58 | 16.934 | 0.125391849529781 | 0.539174 |
| 293 | 11 | 35 | 13.765 | 0.127272727272727 | 0.623857 |
| 294 | 11 | 27 | 14.69 | 0.127946127946128 | 0.635682 |
| 295 | 11 | 17 | 5.497 | 0.112299465240642 | 0.700616 |
| 296 | 11 | 55 | 24.903 | 0.132231404958678 | 0.544957 |
| 297 | 11 | 45 | 31.612 | 0.141414141414141 | 0.505674 |
| 298 | 11 | 48 | 12.564 | 0.115530303030303 | 0.645197 |
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| 300 | 11 | 30 | 8.755 | 0.109090909090909 | 0.707497 |
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| 304 | 11 | 47 | 23.978 | 0.135396518375242 | 0.537511 |
| 305 | 11 | 43 | 15.45 | 0.12262156448203 | 0.590313 |
| 306 | 11 | 42 | 11.136 | 0.119047619047619 | 0.655479 |
| 307 | 11 | 49 | 24.966 | 0.126159554730983 | 0.54948 |
| 308 | 11 | 25 | 6.761 | 0.112727272727273 | 0.737706 |
| 309 | 11 | 48 | 11.708 | 0.123106060606061 | 0.646573 |
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| 314 | 11 | 17 | 8.551 | 0.128342245989305 | 0.692651 |
| 315 | 11 | 47 | 15.416 | 0.119922630560928 | 0.602703 |
| 316 | 11 | 22 | 5.186 | 0.115702479338843 | 0.753757 |
| 317 | 11 | 40 | 24.176 | 0.127272727272727 | 0.533755 |
| 318 | 11 | 38 | 10.844 | 0.107655502392345 | 0.605865 |
| 319 | 11 | 38 | 15.723 | 0.11244019138756 | 0.578032 |
| 320 | 11 | 48 | 17.464 | 0.119318181818182 | 0.605136 |
| 321 | 11 | 46 | 15.644 | 0.110671936758893 | 0.554157 |
| 322 | 11 | 45 | 10.682 | 0.109090909090909 | 0.686836 |
| 323 | 11 | 50 | 15.38 | 0.12 | 0.610369 |
| 324 | 11 | 57 | 19.219 | 0.125996810207337 | 0.569251 |
| 325 | 11 | 46 | 22.483 | 0.124505928853755 | 0.555508 |
| 326 | 11 | 28 | 9.369 | 0.116883116883117 | 0.674322 |
| 327 | 11 | 49 | 11.853 | 0.11317254174397 | 0.641703 |
| 328 | 11 | 37 | 9.027 | 0.113022113022113 | 0.705984 |
| 329 | 11 | 50 | 15.713 | 0.112727272727273 | 0.638339 |
| 330 | 11 | 38 | 9.587 | 0.102870813397129 | 0.61973 |
| 331 | 11 | 45 | 18.984 | 0.135353535353535 | 0.546406 |
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| 334 | 11 | 30 | 5 | 0.1 | 0.777701 |
| 335 | 11 | 42 | 17.404 | 0.112554112554113 | 0.620504 |
| 336 | 11 | 46 | 18.418 | 0.118577075098814 | 0.586057 |
| 337 | 11 | 51 | 15.397 | 0.121212121212121 | 0.616728 |
| 338 | 11 | 30 | 13.801 | 0.118181818181818 | 0.649517 |
| 339 | 11 | 38 | 13.264 | 0.11244019138756 | 0.616964 |
| 340 | 11 | 34 | 15.801 | 0.114973262032086 | 0.557003 |
| 341 | 11 | 54 | 24.228 | 0.136363636363636 | 0.513905 |
| 342 | 11 | 46 | 16.338 | 0.114624505928854 | 0.601312 |
| 343 | 11 | 48 | 16.303 | 0.119318181818182 | 0.615972 |
| 344 | 11 | 40 | 23.014 | 0.134090909090909 | 0.55296 |
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| 356 | 11 | 40 | 21.889 | 0.118181818181818 | 0.559118 |
| 357 | 11 | 45 | 19.376 | 0.119191919191919 | 0.587709 |
| 358 | 11 | 51 | 9.522 | 0.112299465240642 | 0.711198 |
| 359 | 11 | 30 | 10.128 | 0.115151515151515 | 0.697999 |
| 360 | 11 | 41 | 16.446 | 0.119733924611973 | 0.585681 |
| 361 | 11 | 39 | 11.181 | 0.104895104895105 | 0.559448 |
| 362 | 11 | 39 | 17.086 | 0.130536130536131 | 0.612516 |
| 363 | 11 | 46 | 25.624 | 0.130434782608696 | 0.512813 |
| 364 | 11 | 46 | 22.889 | 0.124505928853755 | 0.528803 |
| 365 | 11 | 34 | 19.129 | 0.120320855614973 | 0.574266 |
| 366 | 11 | 28 | 16.253 | 0.11038961038961 | 0.588179 |
| 367 | 11 | 25 | 9.108 | 0.112727272727273 | 0.686724 |
| 368 | 11 | 39 | 33.772 | 0.146853146853147 | 0.504118 |
| 369 | 11 | 49 | 18.756 | 0.120593692022263 | 0.588587 |
| 370 | 11 | 48 | 14.71 | 0.115530303030303 | 0.613218 |
| 371 | 11 | 37 | 3.988 | 0.100737100737101 | 0.588278 |
| 372 | 11 | 40 | 28.356 | 0.134090909090909 | 0.518771 |
| 373 | 11 | 38 | 7.322 | 0.0980861244019139 | 0.52701 |
| 374 | 11 | 40 | 24.653 | 0.129545454545455 | 0.551813 |
| 375 | 11 | 39 | 21.348 | 0.114219114219114 | 0.543054 |
| 376 | 11 | 27 | 3.038 | 0.101010101010101 | 0.78992 |
| 377 | 11 | 38 | 13.808 | 0.114832535885167 | 0.584146 |
| 378 | 11 | 52 | 20.491 | 0.129370629370629 | 0.536114 |
| 379 | 11 | 48 | 24.839 | 0.149621212121212 | 0.493636 |
| 380 | 11 | 44 | 23.303 | 0.130165289256198 | 0.559792 |
| 381 | 11 | 42 | 18.17 | 0.114718614718615 | 0.586274 |
| 382 | 11 | 42 | 23.953 | 0.12987012987013 | 0.506901 |
| 383 | 11 | 40 | 18.734 | 0.115909090909091 | 0.560885 |
| 384 | 11 | 20 | 2.857 | 0.104545454545455 | 0.793874 |
| 385 | 11 | 48 | 12.482 | 0.115530303030303 | 0.635792 |
| 386 | 11 | 37 | 11.364 | 0.117936117936118 | 0.66791 |
| 387 | 11 | 52 | 15.61 | 0.122377622377622 | 0.607907 |
| 388 | 11 | 48 | 14.568 | 0.109848484848485 | 0.59477 |
| 389 | 11 | 31 | 15.745 | 0.126099706744868 | 0.632719 |
| 390 | 11 | 46 | 14.624 | 0.110671936758893 | 0.629723 |
| 391 | 11 | 42 | 25.769 | 0.125541125541126 | 0.559999 |
| 392 | 11 | 44 | 5.028 | 0.0971074380165289 | 0.658147 |
| 393 | 11 | 37 | 16.44 | 0.113022113022113 | 0.601549 |
| 394 | 11 | 32 | 9.558 | 0.116477272727273 | 0.681678 |
| 395 | 11 | 53 | 14.679 | 0.118353344768439 | 0.599401 |
| 396 | 11 | 52 | 14.578 | 0.124125874125874 | 0.594474 |
| 397 | 11 | 35 | 7.355 | 0.111688311688312 | 0.708425 |
| 398 | 11 | 28 | 5.576 | 0.103896103896104 | 0.772386 |
| 399 | 11 | 35 | 22.883 | 0.12987012987013 | 0.541145 |
| 400 | 11 | 42 | 12.733 | 0.112554112554113 | 0.638623 |
| 401 | 11 | 49 | 21.052 | 0.11873840445269 | 0.564159 |
| 402 | 11 | 42 | 20.671 | 0.123376623376623 | 0.576431 |
| 403 | 11 | 40 | 11.964 | 0.109090909090909 | 0.568085 |
| 404 | 11 | 34 | 23.972 | 0.112299465240642 | 0.502217 |
| 405 | 11 | 36 | 20.389 | 0.111111111111111 | 0.519576 |
| 406 | 11 | 52 | 11.615 | 0.11013986013986 | 0.640151 |
| 407 | 11 | 44 | 18.422 | 0.12603305785124 | 0.591729 |
| 408 | 11 | 35 | 18.086 | 0.127272727272727 | 0.616775 |
| 409 | 11 | 51 | 18.054 | 0.117647058823529 | 0.606695 |
| 410 | 11 | 41 | 8.448 | 0.0997782705099778 | 0.645365 |
| 411 | 11 | 42 | 28.403 | 0.138528138528139 | 0.551959 |
| 412 | 11 | 50 | 12.99 | 0.114545454545455 | 0.672654 |
| 413 | 11 | 36 | 10.949 | 0.108585858585859 | 0.602967 |
| 414 | 11 | 54 | 18.001 | 0.121212121212121 | 0.568817 |
| 415 | 11 | 49 | 22.288 | 0.122448979591837 | 0.496745 |
| 416 | 11 | 47 | 24.571 | 0.127659574468085 | 0.564001 |
| 417 | 11 | 35 | 11.179 | 0.103896103896104 | 0.569941 |
| 418 | 11 | 31 | 16.603 | 0.12316715542522 | 0.624664 |
| 419 | 11 | 30 | 10.119 | 0.118181818181818 | 0.672526 |
| 420 | 11 | 51 | 25.974 | 0.13903743315508 | 0.524121 |
| 421 | 11 | 28 | 13.158 | 0.123376623376623 | 0.6523 |
| 422 | 11 | 32 | 10.609 | 0.107954545454545 | 0.692454 |
| 423 | 11 | 32 | 11.512 | 0.122159090909091 | 0.671116 |
| 424 | 11 | 35 | 16.339 | 0.116883116883117 | 0.625625 |
| 425 | 11 | 42 | 11.74 | 0.114718614718615 | 0.616175 |
| 426 | 11 | 47 | 13.957 | 0.110251450676983 | 0.596127 |
| 427 | 11 | 39 | 26.066 | 0.128205128205128 | 0.554332 |
| 428 | 11 | 45 | 23.958 | 0.125252525252525 | 0.561606 |
| 429 | 11 | 47 | 13.665 | 0.119922630560928 | 0.622213 |
| 430 | 11 | 48 | 29.943 | 0.138257575757576 | 0.509813 |
| 431 | 11 | 48 | 17.894 | 0.123106060606061 | 0.607286 |
| 432 | 11 | 32 | 7.664 | 0.113636363636364 | 0.739307 |
| 433 | 11 | 33 | 6.489 | 0.107438016528926 | 0.752724 |
| 434 | 11 | 51 | 22.312 | 0.124777183600713 | 0.529751 |
| 435 | 11 | 41 | 24.339 | 0.12860310421286 | 0.548704 |
| 436 | 11 | 44 | 23.785 | 0.12396694214876 | 0.566617 |
| 437 | 11 | 43 | 17.196 | 0.109936575052854 | 0.598315 |
| 438 | 11 | 48 | 24.046 | 0.128787878787879 | 0.531746 |
| 439 | 11 | 45 | 28.932 | 0.133333333333333 | 0.533244 |
| 440 | 11 | 43 | 11.426 | 0.107822410147992 | 0.628543 |
| 441 | 11 | 43 | 13.862 | 0.116279069767442 | 0.622753 |
| 442 | 11 | 32 | 8.984 | 0.116477272727273 | 0.707256 |
| 443 | 11 | 43 | 15.492 | 0.126849894291755 | 0.539678 |
| 444 | 11 | 56 | 17.65 | 0.116883116883117 | 0.586176 |
| 445 | 11 | 47 | 27.923 | 0.135396518375242 | 0.50098 |
| 446 | 11 | 37 | 16.733 | 0.117936117936118 | 0.578938 |
| 447 | 11 | 34 | 24.741 | 0.117647058823529 | 0.508214 |
| 448 | 11 | 36 | 11.04 | 0.118686868686869 | 0.668116 |
| 449 | 11 | 44 | 13.969 | 0.117768595041322 | 0.655221 |
| 450 | 11 | 50 | 20.813 | 0.121818181818182 | 0.593843 |
| 451 | 11 | 35 | 12.436 | 0.111688311688312 | 0.565115 |
| 452 | 11 | 24 | 12.397 | 0.125 | 0.681304 |
| 453 | 11 | 15 | 9.062 | 0.133333333333333 | 0.68176 |
| 454 | 11 | 46 | 21.393 | 0.126482213438735 | 0.583445 |
| 455 | 11 | 43 | 26.643 | 0.133192389006343 | 0.518477 |
| 456 | 11 | 49 | 16.95 | 0.12430426716141 | 0.600084 |
| 457 | 11 | 51 | 18.029 | 0.128342245989305 | 0.525805 |
| 458 | 11 | 42 | 17.508 | 0.123376623376623 | 0.619213 |
| 459 | 11 | 39 | 7.815 | 0.107226107226107 | 0.684245 |
| 460 | 11 | 56 | 12.837 | 0.12012987012987 | 0.623029 |
| 461 | 11 | 28 | 10.426 | 0.12012987012987 | 0.71579 |
| 462 | 11 | 21 | 11.019 | 0.125541125541126 | 0.694354 |
| 463 | 11 | 51 | 16.947 | 0.121212121212121 | 0.631432 |
| 464 | 11 | 45 | 20.825 | 0.133333333333333 | 0.568368 |
| 465 | 11 | 37 | 15.145 | 0.115479115479115 | 0.634619 |
| 466 | 11 | 50 | 16.855 | 0.118181818181818 | 0.58693 |
| 467 | 11 | 43 | 22.324 | 0.116279069767442 | 0.581765 |
| 468 | 11 | 41 | 18.691 | 0.119733924611973 | 0.564763 |
| 469 | 11 | 40 | 21.309 | 0.115909090909091 | 0.553581 |
| 470 | 11 | 44 | 21.046 | 0.12603305785124 | 0.538251 |
| 471 | 11 | 39 | 17.893 | 0.118881118881119 | 0.606635 |
| 472 | 11 | 46 | 17.246 | 0.112648221343874 | 0.591511 |
| 473 | 11 | 25 | 3.803 | 0.101818181818182 | 0.794564 |
| 474 | 11 | 49 | 19.973 | 0.120593692022263 | 0.598055 |
| 475 | 11 | 39 | 24.686 | 0.121212121212121 | 0.559491 |
| 476 | 11 | 23 | 6.115 | 0.110671936758893 | 0.755031 |
| 477 | 11 | 32 | 14.261 | 0.119318181818182 | 0.6462 |
| 478 | 11 | 49 | 20.298 | 0.122448979591837 | 0.596596 |
| 479 | 11 | 46 | 10.306 | 0.110671936758893 | 0.660013 |
| 480 | 11 | 31 | 8.936 | 0.12316715542522 | 0.678515 |
| 481 | 11 | 35 | 15.31 | 0.116883116883117 | 0.63698 |
| 482 | 11 | 45 | 12.433 | 0.115151515151515 | 0.65676 |
| 483 | 11 | 38 | 20.322 | 0.117224880382775 | 0.53764 |
| 484 | 11 | 26 | 13.402 | 0.129370629370629 | 0.661741 |
| 485 | 11 | 34 | 19.298 | 0.122994652406417 | 0.598721 |
| 486 | 11 | 18 | 8.894 | 0.136363636363636 | 0.644669 |
| 487 | 11 | 39 | 21.914 | 0.128205128205128 | 0.546067 |
| 488 | 11 | 51 | 21.357 | 0.121212121212121 | 0.569156 |
| 489 | 11 | 35 | 17.282 | 0.114285714285714 | 0.560896 |
| 490 | 11 | 39 | 19.528 | 0.118881118881119 | 0.583569 |
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| 492 | 11 | 23 | 11.951 | 0.118577075098814 | 0.69105 |
| 493 | 11 | 31 | 8.699 | 0.111436950146628 | 0.69592 |
| 494 | 11 | 27 | 2.627 | 0.0976430976430976 | 0.777566 |
| 495 | 11 | 36 | 11.107 | 0.108585858585859 | 0.602428 |
| 496 | 11 | 51 | 20.906 | 0.124777183600713 | 0.52077 |
| 497 | 11 | 46 | 24.095 | 0.128458498023715 | 0.496761 |
| 498 | 11 | 46 | 21.067 | 0.118577075098814 | 0.573558 |
| 499 | 11 | 45 | 22.349 | 0.131313131313131 | 0.502919 |
| 500 | 11 | 46 | 21.071 | 0.122529644268775 | 0.566549 |
| 501 | 11 | 39 | 23.4 | 0.123543123543124 | 0.542136 |
| 502 | 11 | 42 | 18.044 | 0.123376623376623 | 0.605672 |
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| 504 | 11 | 30 | 15.587 | 0.112121212121212 | 0.619372 |
| 505 | 11 | 43 | 7.148 | 0.101479915433404 | 0.59065 |
| 506 | 11 | 36 | 10.97 | 0.118686868686869 | 0.683961 |
| 507 | 11 | 38 | 21.884 | 0.119617224880383 | 0.549547 |
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| 510 | 11 | 50 | 25.724 | 0.123636363636364 | 0.530666 |
| 511 | 11 | 51 | 24.719 | 0.13903743315508 | 0.540063 |
| 512 | 11 | 49 | 13.409 | 0.122448979591837 | 0.63126 |
| 513 | 11 | 20 | 9.728 | 0.118181818181818 | 0.689288 |
| 514 | 11 | 36 | 25.952 | 0.131313131313131 | 0.542483 |
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| 516 | 11 | 37 | 29.034 | 0.127764127764128 | 0.531758 |
| 517 | 11 | 29 | 17.489 | 0.147335423197492 | 0.608828 |
| 518 | 11 | 56 | 19.613 | 0.12987012987013 | 0.575266 |
| 519 | 11 | 25 | 10.329 | 0.123636363636364 | 0.660839 |
| 520 | 11 | 43 | 28.867 | 0.13953488372093 | 0.502945 |
| 521 | 11 | 39 | 19.607 | 0.118881118881119 | 0.586259 |
| 522 | 11 | 42 | 15.964 | 0.11038961038961 | 0.570877 |
| 523 | 11 | 35 | 9.231 | 0.109090909090909 | 0.570237 |
| 524 | 11 | 36 | 32.878 | 0.131313131313131 | 0.498107 |
| 525 | 11 | 31 | 18.833 | 0.131964809384164 | 0.627111 |
| 526 | 11 | 33 | 6.163 | 0.110192837465565 | 0.727433 |
| 527 | 11 | 46 | 20.44 | 0.112648221343874 | 0.561966 |
| 528 | 11 | 25 | 11.573 | 0.123636363636364 | 0.647871 |
| 529 | 11 | 24 | 8.603 | 0.121212121212121 | 0.670841 |
| 530 | 11 | 34 | 5.624 | 0.109625668449198 | 0.750078 |
| 531 | 11 | 46 | 14.812 | 0.112648221343874 | 0.613669 |
| 532 | 11 | 48 | 20.425 | 0.121212121212121 | 0.579784 |
| 533 | 11 | 28 | 9.758 | 0.12012987012987 | 0.683651 |
| 534 | 11 | 33 | 14.38 | 0.126721763085399 | 0.618096 |
| 535 | 11 | 42 | 16.149 | 0.121212121212121 | 0.60677 |
| 536 | 11 | 30 | 12.325 | 0.13030303030303 | 0.640837 |
| 537 | 11 | 27 | 9.573 | 0.111111111111111 | 0.713435 |
| 538 | 11 | 40 | 12.764 | 0.109090909090909 | 0.604541 |
| 539 | 11 | 53 | 18.642 | 0.121783876500858 | 0.612921 |
| 540 | 11 | 35 | 10.599 | 0.119480519480519 | 0.685197 |
| 541 | 11 | 42 | 24.428 | 0.123376623376623 | 0.550582 |
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| 545 | 11 | 51 | 21.513 | 0.119429590017825 | 0.568451 |
| 546 | 11 | 45 | 13.467 | 0.121212121212121 | 0.615778 |
| 547 | 11 | 44 | 17.959 | 0.109504132231405 | 0.589122 |
| 548 | 11 | 56 | 11.843 | 0.11038961038961 | 0.67684 |
| 549 | 11 | 35 | 10.586 | 0.109090909090909 | 0.678507 |
| 550 | 11 | 51 | 20.783 | 0.131907308377897 | 0.480784 |
| 551 | 11 | 23 | 11.775 | 0.142292490118577 | 0.641155 |
| 552 | 11 | 43 | 21.707 | 0.133192389006343 | 0.58045 |
| 553 | 11 | 50 | 19.088 | 0.121818181818182 | 0.588052 |
| 554 | 11 | 38 | 11.455 | 0.114832535885167 | 0.696986 |
| 555 | 11 | 51 | 20.008 | 0.121212121212121 | 0.591643 |
| 556 | 11 | 22 | 4.429 | 0.107438016528926 | 0.735137 |
| 557 | 11 | 40 | 28.009 | 0.136363636363636 | 0.523012 |
| 558 | 11 | 56 | 18.34 | 0.136363636363636 | 0.533973 |
| 559 | 11 | 38 | 17.108 | 0.119617224880383 | 0.583941 |
| 560 | 11 | 48 | 20.434 | 0.121212121212121 | 0.588084 |
| 561 | 11 | 45 | 30.324 | 0.145454545454545 | 0.534683 |
| 562 | 11 | 38 | 17.546 | 0.114832535885167 | 0.542047 |
| 563 | 11 | 44 | 31.562 | 0.146694214876033 | 0.511962 |
| 564 | 11 | 44 | 19.627 | 0.119834710743802 | 0.577237 |
| 565 | 11 | 42 | 18.195 | 0.11038961038961 | 0.586641 |
| 566 | 11 | 41 | 15.749 | 0.104212860310421 | 0.548609 |
| 567 | 11 | 37 | 22.818 | 0.125307125307125 | 0.54128 |
| 568 | 11 | 54 | 17.781 | 0.114478114478114 | 0.600076 |
| 569 | 11 | 49 | 21.03 | 0.122448979591837 | 0.572263 |
| 570 | 11 | 22 | 6.527 | 0.115702479338843 | 0.739731 |
| 571 | 11 | 37 | 32.074 | 0.14004914004914 | 0.527196 |
| 572 | 11 | 45 | 9.179 | 0.109090909090909 | 0.639857 |
| 573 | 11 | 39 | 14.53 | 0.114219114219114 | 0.586783 |
| 574 | 11 | 43 | 30.344 | 0.137420718816068 | 0.514988 |
| 575 | 11 | 40 | 21.671 | 0.120454545454545 | 0.579515 |
| 576 | 11 | 31 | 6.209 | 0.105571847507331 | 0.75147 |
| 577 | 11 | 37 | 13.118 | 0.122850122850123 | 0.633148 |
| 578 | 11 | 34 | 8.029 | 0.106951871657754 | 0.72618 |
| 579 | 11 | 42 | 17.268 | 0.11038961038961 | 0.532438 |
| 580 | 11 | 54 | 11.535 | 0.112794612794613 | 0.67158 |
| 581 | 11 | 33 | 12.785 | 0.129476584022039 | 0.660427 |
| 582 | 11 | 23 | 7.676 | 0.106719367588933 | 0.728325 |
| 583 | 11 | 54 | 14.186 | 0.117845117845118 | 0.604846 |
| 584 | 11 | 40 | 20.142 | 0.115909090909091 | 0.575878 |
| 585 | 11 | 31 | 25.155 | 0.131964809384164 | 0.562918 |
| 586 | 11 | 30 | 11.186 | 0.118181818181818 | 0.666609 |
| 587 | 11 | 45 | 12.619 | 0.111111111111111 | 0.599612 |
| 588 | 11 | 39 | 13.547 | 0.10955710955711 | 0.569431 |
| 589 | 11 | 39 | 12.374 | 0.104895104895105 | 0.624134 |
| 590 | 11 | 33 | 10.217 | 0.118457300275482 | 0.695993 |
| 591 | 11 | 47 | 10.424 | 0.110251450676983 | 0.620438 |
| 592 | 11 | 46 | 13.527 | 0.114624505928854 | 0.614685 |
| 593 | 11 | 37 | 14.263 | 0.110565110565111 | 0.574264 |
| 594 | 11 | 52 | 17.825 | 0.122377622377622 | 0.556072 |
| 595 | 11 | 39 | 31.956 | 0.132867132867133 | 0.511189 |
| 596 | 11 | 29 | 11.627 | 0.119122257053292 | 0.675149 |
| 597 | 11 | 58 | 17.878 | 0.125391849529781 | 0.539956 |
| 598 | 11 | 27 | 8.723 | 0.117845117845118 | 0.727284 |
| 599 | 11 | 58 | 19.685 | 0.13166144200627 | 0.579035 |
| 600 | 11 | 43 | 22.497 | 0.116279069767442 | 0.559617 |
| 601 | 11 | 48 | 20.274 | 0.126893939393939 | 0.572908 |
| 602 | 11 | 29 | 7.628 | 0.109717868338558 | 0.723198 |
| 603 | 11 | 30 | 12.474 | 0.115151515151515 | 0.65091 |
| 604 | 11 | 52 | 21.95 | 0.127622377622378 | 0.569665 |
| 605 | 11 | 33 | 30.718 | 0.132231404958678 | 0.49084 |
| 606 | 11 | 43 | 11.147 | 0.107822410147992 | 0.646227 |
| 607 | 11 | 23 | 4.464 | 0.102766798418972 | 0.775072 |
| 608 | 11 | 43 | 23.412 | 0.12262156448203 | 0.549595 |
| 609 | 11 | 40 | 24.697 | 0.129545454545455 | 0.553043 |
| 610 | 11 | 27 | 11.954 | 0.127946127946128 | 0.707008 |
| 611 | 11 | 32 | 5.535 | 0.105113636363636 | 0.533909 |
| 612 | 11 | 40 | 15.449 | 0.118181818181818 | 0.596099 |
| 613 | 11 | 32 | 13.982 | 0.119318181818182 | 0.662641 |
| 614 | 11 | 58 | 15.047 | 0.109717868338558 | 0.596272 |
| 615 | 11 | 33 | 7.454 | 0.107438016528926 | 0.688296 |
| 616 | 11 | 23 | 9.74 | 0.114624505928854 | 0.697917 |
| 617 | 11 | 26 | 6.316 | 0.111888111888112 | 0.730401 |
| 618 | 11 | 40 | 24.251 | 0.125 | 0.556976 |
| 619 | 11 | 53 | 10.293 | 0.108061749571184 | 0.674161 |
| 620 | 11 | 49 | 18.477 | 0.12430426716141 | 0.581374 |
| 621 | 11 | 47 | 27.59 | 0.135396518375242 | 0.534856 |
| 622 | 11 | 44 | 22.249 | 0.130165289256198 | 0.557271 |
| 623 | 11 | 38 | 13.369 | 0.107655502392345 | 0.600928 |
| 624 | 11 | 34 | 28.883 | 0.125668449197861 | 0.513306 |
| 625 | 11 | 40 | 10.392 | 0.113636363636364 | 0.67634 |
| 626 | 11 | 49 | 16.065 | 0.115027829313544 | 0.614148 |
| 627 | 11 | 29 | 16.522 | 0.125391849529781 | 0.619322 |
| 628 | 11 | 43 | 10.534 | 0.103594080338266 | 0.65008 |
| 629 | 11 | 59 | 19.835 | 0.121725731895223 | 0.508368 |
| 630 | 11 | 39 | 21.414 | 0.116550116550117 | 0.563948 |
| 631 | 11 | 57 | 21.481 | 0.130781499202552 | 0.567326 |
| 632 | 11 | 49 | 21.874 | 0.12987012987013 | 0.543016 |
| 633 | 11 | 44 | 25.498 | 0.12603305785124 | 0.571572 |
| 634 | 11 | 38 | 16.801 | 0.131578947368421 | 0.578461 |
| 635 | 11 | 31 | 14.309 | 0.120234604105572 | 0.649557 |
| 636 | 11 | 35 | 14.884 | 0.114285714285714 | 0.646119 |
| 637 | 11 | 44 | 16.65 | 0.113636363636364 | 0.606225 |
| 638 | 11 | 24 | 5.69 | 0.109848484848485 | 0.741905 |
| 639 | 11 | 55 | 18.697 | 0.128925619834711 | 0.599885 |
| 640 | 11 | 39 | 19.018 | 0.118881118881119 | 0.597793 |
| 641 | 11 | 25 | 11.643 | 0.138181818181818 | 0.637071 |
| 642 | 11 | 40 | 17.057 | 0.131818181818182 | 0.617965 |
| 643 | 11 | 33 | 15.781 | 0.129476584022039 | 0.629192 |
| 644 | 11 | 52 | 23.637 | 0.127622377622378 | 0.545086 |
| 645 | 11 | 56 | 13.954 | 0.113636363636364 | 0.637287 |
| 646 | 11 | 38 | 17.664 | 0.12200956937799 | 0.576263 |
| 647 | 11 | 40 | 10.835 | 0.122727272727273 | 0.589452 |
| 648 | 11 | 34 | 8.435 | 0.114973262032086 | 0.698152 |
| 649 | 11 | 44 | 28.125 | 0.130165289256198 | 0.552485 |
| 650 | 11 | 28 | 5.697 | 0.11038961038961 | 0.71014 |
| 651 | 11 | 42 | 17.603 | 0.121212121212121 | 0.605178 |
| 652 | 11 | 38 | 19.136 | 0.11244019138756 | 0.547706 |
| 653 | 11 | 39 | 20.702 | 0.111888111888112 | 0.558973 |
| 654 | 11 | 42 | 22.988 | 0.12987012987013 | 0.572452 |
| 655 | 11 | 52 | 18.626 | 0.118881118881119 | 0.598778 |
| 656 | 11 | 52 | 21.202 | 0.124125874125874 | 0.517314 |
| 657 | 11 | 43 | 8.934 | 0.114164904862579 | 0.689239 |
| 658 | 11 | 38 | 23.945 | 0.129186602870813 | 0.556876 |
| 659 | 11 | 36 | 23.175 | 0.126262626262626 | 0.53955 |
| 660 | 11 | 53 | 14.361 | 0.11663807890223 | 0.586883 |
| 661 | 11 | 37 | 7.617 | 0.100737100737101 | 0.585304 |
| 662 | 11 | 49 | 27.709 | 0.142857142857143 | 0.522645 |
| 663 | 11 | 41 | 28.698 | 0.137472283813747 | 0.515307 |
| 664 | 11 | 38 | 15.033 | 0.114832535885167 | 0.593259 |
| 665 | 11 | 53 | 23.652 | 0.132075471698113 | 0.542206 |
| 666 | 11 | 29 | 9.431 | 0.115987460815047 | 0.688763 |
| 667 | 11 | 28 | 6.659 | 0.103896103896104 | 0.73235 |
| 668 | 11 | 41 | 13.807 | 0.11529933481153 | 0.616066 |
| 669 | 11 | 51 | 22.794 | 0.124777183600713 | 0.550566 |
| 670 | 11 | 55 | 15.748 | 0.112396694214876 | 0.536714 |
| 671 | 11 | 45 | 13.22 | 0.115151515151515 | 0.648759 |
| 672 | 11 | 43 | 26.931 | 0.126849894291755 | 0.534398 |
| 673 | 11 | 47 | 18.633 | 0.125725338491296 | 0.587643 |
| 674 | 11 | 41 | 12.219 | 0.110864745011086 | 0.631138 |
| 675 | 11 | 37 | 13.563 | 0.105651105651106 | 0.582418 |
| 676 | 11 | 35 | 4.205 | 0.103896103896104 | 0.757426 |
| 677 | 11 | 37 | 8.604 | 0.108108108108108 | 0.600146 |
| 678 | 11 | 28 | 11.932 | 0.116883116883117 | 0.693612 |
| 679 | 11 | 37 | 13.031 | 0.115479115479115 | 0.588445 |
| 680 | 11 | 42 | 17.549 | 0.116883116883117 | 0.603167 |
| 681 | 11 | 40 | 22.911 | 0.134090909090909 | 0.546638 |
| 682 | 11 | 53 | 24.232 | 0.133790737564322 | 0.53957 |
| 683 | 11 | 26 | 9.336 | 0.122377622377622 | 0.709328 |
| 684 | 11 | 45 | 19.257 | 0.121212121212121 | 0.582725 |
| 685 | 11 | 46 | 6.813 | 0.104743083003953 | 0.730439 |
| 686 | 11 | 40 | 11.911 | 0.118181818181818 | 0.67043 |
| 687 | 11 | 43 | 7.715 | 0.107822410147992 | 0.720041 |
| 688 | 11 | 39 | 11.594 | 0.121212121212121 | 0.660818 |
| 689 | 11 | 46 | 20.744 | 0.124505928853755 | 0.59229 |
| 690 | 11 | 40 | 17.718 | 0.122727272727273 | 0.55619 |
| 691 | 11 | 52 | 16.23 | 0.118881118881119 | 0.584076 |
| 692 | 11 | 38 | 14.963 | 0.133971291866029 | 0.637068 |
| 693 | 11 | 42 | 20.609 | 0.119047619047619 | 0.559618 |
| 694 | 11 | 55 | 12.832 | 0.125619834710744 | 0.613868 |
| 695 | 11 | 46 | 16.887 | 0.116600790513834 | 0.577941 |
| 696 | 11 | 43 | 25.196 | 0.13107822410148 | 0.550682 |
| 697 | 11 | 38 | 23.769 | 0.124401913875598 | 0.531756 |
| 698 | 11 | 28 | 11.486 | 0.126623376623377 | 0.694223 |
| 699 | 11 | 23 | 7.359 | 0.118577075098814 | 0.695494 |
| 700 | 11 | 47 | 15.127 | 0.114119922630561 | 0.585409 |
| 701 | 11 | 28 | 12.517 | 0.126623376623377 | 0.684363 |
| 702 | 11 | 43 | 17.928 | 0.126849894291755 | 0.583006 |
| 703 | 11 | 38 | 19.965 | 0.110047846889952 | 0.562326 |
| 704 | 11 | 64 | 16.95 | 0.125 | 0.598092 |
| 705 | 11 | 37 | 6.467 | 0.100737100737101 | 0.743531 |
| 706 | 11 | 44 | 26.19 | 0.130165289256198 | 0.55072 |
| 707 | 11 | 20 | 8.605 | 0.131818181818182 | 0.646798 |
| 708 | 11 | 43 | 21.219 | 0.133192389006343 | 0.550722 |
| 709 | 11 | 30 | 8.294 | 0.109090909090909 | 0.706724 |
| 710 | 11 | 43 | 13.293 | 0.109936575052854 | 0.582044 |
| 711 | 11 | 27 | 9.811 | 0.117845117845118 | 0.702796 |
| 712 | 11 | 33 | 27.644 | 0.121212121212121 | 0.503049 |
| 713 | 11 | 45 | 23.009 | 0.121212121212121 | 0.538285 |
| 714 | 11 | 29 | 11.497 | 0.112852664576803 | 0.683577 |
| 715 | 11 | 28 | 21.867 | 0.136363636363636 | 0.60993 |
| 716 | 11 | 37 | 10.818 | 0.105651105651106 | 0.564573 |
| 717 | 11 | 51 | 25.022 | 0.133689839572193 | 0.54129 |
| 718 | 11 | 36 | 14.599 | 0.106060606060606 | 0.511851 |
| 719 | 11 | 27 | 11.402 | 0.114478114478114 | 0.677274 |
| 720 | 11 | 24 | 5.388 | 0.113636363636364 | 0.738822 |
| 721 | 11 | 42 | 18.95 | 0.123376623376623 | 0.614597 |
| 722 | 11 | 43 | 6.541 | 0.101479915433404 | 0.650974 |
| 723 | 11 | 38 | 10.248 | 0.110047846889952 | 0.68094 |
| 724 | 11 | 38 | 17.428 | 0.12200956937799 | 0.595484 |
| 725 | 11 | 38 | 13.011 | 0.126794258373206 | 0.652136 |
| 726 | 11 | 26 | 6.612 | 0.101398601398601 | 0.709798 |
| 727 | 11 | 51 | 19.939 | 0.126559714795009 | 0.551033 |
| 728 | 11 | 33 | 13.951 | 0.112947658402204 | 0.540694 |
| 729 | 11 | 52 | 18.669 | 0.129370629370629 | 0.564419 |
| 730 | 11 | 39 | 17.216 | 0.114219114219114 | 0.589282 |
| 731 | 11 | 50 | 16.985 | 0.121818181818182 | 0.566668 |
| 732 | 11 | 42 | 8.92 | 0.11038961038961 | 0.698513 |
| 733 | 11 | 37 | 25.305 | 0.125307125307125 | 0.535513 |
| 734 | 11 | 28 | 15.887 | 0.116883116883117 | 0.611827 |
| 735 | 11 | 41 | 23.005 | 0.119733924611973 | 0.558934 |
| 736 | 11 | 40 | 8.772 | 0.104545454545455 | 0.691804 |
| 737 | 11 | 38 | 22.938 | 0.12200956937799 | 0.560119 |
| 738 | 11 | 20 | 12.925 | 0.131818181818182 | 0.658687 |
| 739 | 11 | 47 | 17.644 | 0.121856866537718 | 0.57415 |
| 740 | 11 | 36 | 23.278 | 0.116161616161616 | 0.538702 |
| 741 | 11 | 47 | 20.419 | 0.11605415860735 | 0.566336 |
| 742 | 11 | 39 | 23.508 | 0.132867132867133 | 0.541968 |
| 743 | 11 | 35 | 12.831 | 0.114285714285714 | 0.580521 |
| 744 | 11 | 43 | 22.602 | 0.12262156448203 | 0.561187 |
| 745 | 11 | 28 | 8.766 | 0.113636363636364 | 0.695446 |
| 746 | 11 | 47 | 26.552 | 0.129593810444874 | 0.508758 |
| 747 | 11 | 42 | 14.074 | 0.119047619047619 | 0.612506 |
| 748 | 11 | 38 | 31.069 | 0.136363636363636 | 0.541968 |
| 749 | 11 | 42 | 17.944 | 0.121212121212121 | 0.602944 |
| 750 | 11 | 50 | 22.334 | 0.138181818181818 | 0.512773 |
| 751 | 11 | 34 | 23.431 | 0.120320855614973 | 0.500199 |
| 752 | 11 | 53 | 26.148 | 0.137221269296741 | 0.517772 |
| 753 | 11 | 26 | 14.868 | 0.13986013986014 | 0.631203 |
| 754 | 11 | 47 | 13.919 | 0.119922630560928 | 0.626635 |
| 755 | 11 | 40 | 18.782 | 0.111363636363636 | 0.574288 |
| 756 | 11 | 50 | 22.639 | 0.130909090909091 | 0.579619 |
| 757 | 11 | 37 | 19.153 | 0.115479115479115 | 0.574414 |
| 758 | 11 | 58 | 22.386 | 0.142633228840125 | 0.443272 |
| 759 | 11 | 39 | 26.077 | 0.128205128205128 | 0.526897 |
| 760 | 11 | 27 | 7.923 | 0.114478114478114 | 0.701495 |
| 761 | 11 | 54 | 16.685 | 0.11952861952862 | 0.535166 |
| 762 | 11 | 22 | 4.72 | 0.111570247933884 | 0.731072 |
| 763 | 11 | 31 | 9.003 | 0.114369501466276 | 0.702763 |
| 764 | 11 | 54 | 23.871 | 0.143097643097643 | 0.490482 |
| 765 | 11 | 47 | 14.375 | 0.119922630560928 | 0.606086 |
| 766 | 11 | 28 | 10.47 | 0.12012987012987 | 0.651515 |
| 767 | 11 | 35 | 13.25 | 0.114285714285714 | 0.666777 |
| 768 | 11 | 47 | 24.817 | 0.123791102514507 | 0.56123 |
| 769 | 11 | 24 | 3.525 | 0.113636363636364 | 0.731046 |
| 770 | 11 | 50 | 25.165 | 0.138181818181818 | 0.508098 |
| 771 | 11 | 25 | 8.732 | 0.12 | 0.689563 |
| 772 | 11 | 43 | 12.979 | 0.116279069767442 | 0.633 |
| 773 | 11 | 46 | 19.52 | 0.116600790513834 | 0.611263 |
| 774 | 11 | 41 | 7.448 | 0.108647450110865 | 0.730045 |
| 775 | 11 | 45 | 20.29 | 0.121212121212121 | 0.572172 |
| 776 | 11 | 40 | 15.806 | 0.111363636363636 | 0.608855 |
| 777 | 11 | 38 | 10.351 | 0.11244019138756 | 0.679884 |
| 778 | 11 | 49 | 18.595 | 0.11317254174397 | 0.58151 |
| 779 | 11 | 48 | 21.43 | 0.123106060606061 | 0.583146 |
| 780 | 11 | 43 | 24.468 | 0.137420718816068 | 0.508359 |
| 781 | 11 | 46 | 13.463 | 0.118577075098814 | 0.603002 |
| 782 | 11 | 52 | 12.851 | 0.118881118881119 | 0.597483 |
| 783 | 11 | 34 | 18.99 | 0.117647058823529 | 0.502015 |
| 784 | 11 | 44 | 17.723 | 0.130165289256198 | 0.569112 |
| 785 | 11 | 60 | 16.124 | 0.121212121212121 | 0.594482 |
| 786 | 11 | 49 | 16.527 | 0.11317254174397 | 0.607575 |
| 787 | 11 | 49 | 22.623 | 0.122448979591837 | 0.56446 |
| 788 | 11 | 18 | 7.933 | 0.121212121212121 | 0.718688 |
| 789 | 11 | 42 | 14.57 | 0.112554112554113 | 0.620873 |
| 790 | 11 | 24 | 11.339 | 0.125 | 0.672121 |
| 791 | 11 | 19 | 8.333 | 0.119617224880383 | 0.737536 |
| 792 | 11 | 20 | 4.286 | 0.104545454545455 | 0.784422 |
| 793 | 11 | 30 | 11.777 | 0.118181818181818 | 0.67844 |
| 794 | 11 | 37 | 13.109 | 0.113022113022113 | 0.658258 |
| 795 | 11 | 47 | 22.479 | 0.131528046421663 | 0.602026 |
| 796 | 11 | 28 | 4.234 | 0.11038961038961 | 0.724845 |
| 797 | 11 | 35 | 13.744 | 0.116883116883117 | 0.563893 |
| 798 | 11 | 45 | 21.767 | 0.121212121212121 | 0.567447 |
| 799 | 11 | 53 | 20.082 | 0.128644939965695 | 0.564398 |
| 800 | 11 | 32 | 13.128 | 0.107954545454545 | 0.543572 |
| 801 | 11 | 62 | 22.762 | 0.133431085043988 | 0.501834 |
| 802 | 11 | 40 | 9.778 | 0.111363636363636 | 0.619263 |
| 803 | 11 | 30 | 13.733 | 0.109090909090909 | 0.648087 |
| 804 | 11 | 35 | 27.744 | 0.122077922077922 | 0.507874 |
| 805 | 11 | 40 | 10.827 | 0.118181818181818 | 0.590181 |
| 806 | 11 | 36 | 26.872 | 0.123737373737374 | 0.528897 |
| 807 | 11 | 46 | 25.295 | 0.140316205533597 | 0.5195 |
| 808 | 11 | 42 | 20.033 | 0.116883116883117 | 0.572992 |
| 809 | 11 | 37 | 10.254 | 0.12039312039312 | 0.682991 |
| 810 | 11 | 22 | 1.748 | 0.103305785123967 | 0.79992 |
| 811 | 11 | 56 | 24.259 | 0.141233766233766 | 0.535564 |
| 812 | 11 | 50 | 16.292 | 0.118181818181818 | 0.59545 |
| 813 | 11 | 49 | 9.988 | 0.102040816326531 | 0.632664 |
| 814 | 11 | 26 | 9.906 | 0.118881118881119 | 0.712739 |
| 815 | 11 | 47 | 24.768 | 0.125725338491296 | 0.518062 |
| 816 | 11 | 50 | 16.423 | 0.118181818181818 | 0.576754 |
| 817 | 11 | 44 | 16.917 | 0.115702479338843 | 0.582852 |
| 818 | 11 | 18 | 12.78 | 0.136363636363636 | 0.629582 |
| 819 | 11 | 41 | 23.44 | 0.124168514412417 | 0.556711 |
| 820 | 11 | 53 | 14.142 | 0.11663807890223 | 0.609809 |
| 821 | 11 | 34 | 8.182 | 0.106951871657754 | 0.721182 |
| 822 | 11 | 38 | 19.212 | 0.117224880382775 | 0.595946 |
| 823 | 11 | 35 | 11.91 | 0.106493506493506 | 0.580547 |
| 824 | 11 | 26 | 7.412 | 0.108391608391608 | 0.718976 |
| 825 | 11 | 49 | 24.239 | 0.146567717996289 | 0.529684 |
| 826 | 11 | 26 | 4.868 | 0.101398601398601 | 0.733577 |
| 827 | 11 | 37 | 17.36 | 0.113022113022113 | 0.544369 |
| 828 | 11 | 37 | 7.94 | 0.103194103194103 | 0.594043 |
| 829 | 11 | 32 | 16.561 | 0.122159090909091 | 0.633803 |
| 830 | 11 | 38 | 31.554 | 0.133971291866029 | 0.519726 |
| 831 | 11 | 40 | 15.185 | 0.113636363636364 | 0.591944 |
| 832 | 11 | 50 | 14.927 | 0.123636363636364 | 0.613918 |
| 833 | 11 | 40 | 20.918 | 0.118181818181818 | 0.568733 |
| 834 | 11 | 46 | 11.082 | 0.120553359683794 | 0.671538 |
| 835 | 11 | 31 | 7.015 | 0.111436950146628 | 0.732621 |
| 836 | 11 | 39 | 12.835 | 0.118881118881119 | 0.580108 |
| 837 | 11 | 34 | 17.979 | 0.120320855614973 | 0.510072 |
| 838 | 11 | 33 | 18.411 | 0.110192837465565 | 0.542445 |
| 839 | 11 | 53 | 19.191 | 0.125214408233276 | 0.576233 |
| 840 | 11 | 45 | 15.203 | 0.115151515151515 | 0.601975 |
| 841 | 11 | 50 | 10.651 | 0.105454545454545 | 0.679185 |
| 842 | 11 | 42 | 6.598 | 0.106060606060606 | 0.715049 |
| 843 | 11 | 24 | 8.207 | 0.113636363636364 | 0.736601 |
| 844 | 11 | 51 | 10.09 | 0.103386809269162 | 0.660755 |
| 845 | 11 | 54 | 17.072 | 0.127946127946128 | 0.523159 |
| 846 | 11 | 44 | 16.881 | 0.111570247933884 | 0.596651 |
| 847 | 11 | 63 | 17.102 | 0.135642135642136 | 0.541493 |
| 848 | 11 | 45 | 23.506 | 0.123232323232323 | 0.555717 |
| 849 | 11 | 37 | 10.865 | 0.100737100737101 | 0.522252 |
| 850 | 11 | 28 | 9.79 | 0.113636363636364 | 0.714223 |
| 851 | 11 | 39 | 23.546 | 0.118881118881119 | 0.544356 |
| 852 | 11 | 53 | 18.561 | 0.130360205831904 | 0.604349 |
| 853 | 11 | 47 | 20.031 | 0.119922630560928 | 0.589959 |
| 854 | 11 | 34 | 17.118 | 0.114973262032086 | 0.614872 |
| 855 | 11 | 53 | 17.806 | 0.113207547169811 | 0.591775 |
| 856 | 11 | 26 | 7.421 | 0.118881118881119 | 0.715334 |
| 857 | 11 | 51 | 17.64 | 0.114081996434938 | 0.602483 |
| 858 | 11 | 47 | 22.406 | 0.125725338491296 | 0.543859 |
| 859 | 11 | 48 | 11.259 | 0.113636363636364 | 0.645218 |
| 860 | 11 | 60 | 14.918 | 0.115151515151515 | 0.591187 |
| 861 | 11 | 42 | 10.576 | 0.114718614718615 | 0.692 |
| 862 | 11 | 37 | 15.418 | 0.12039312039312 | 0.641343 |
| 863 | 11 | 46 | 20.074 | 0.126482213438735 | 0.571973 |
| 864 | 11 | 39 | 22.571 | 0.121212121212121 | 0.564296 |
| 865 | 11 | 30 | 4.422 | 0.109090909090909 | 0.717521 |
| 866 | 11 | 40 | 7.166 | 0.102272727272727 | 0.568335 |
| 867 | 11 | 45 | 18.381 | 0.117171717171717 | 0.603691 |
| 868 | 11 | 48 | 24.356 | 0.130681818181818 | 0.539128 |
| 869 | 11 | 42 | 11.69 | 0.112554112554113 | 0.623461 |
| 870 | 11 | 27 | 7.512 | 0.114478114478114 | 0.72831 |
| 871 | 11 | 40 | 6.023 | 0.106818181818182 | 0.765432 |
| 872 | 11 | 49 | 17.923 | 0.11317254174397 | 0.604888 |
| 873 | 11 | 41 | 30.739 | 0.121951219512195 | 0.49417 |
| 874 | 11 | 45 | 25.1 | 0.121212121212121 | 0.546618 |
| 875 | 11 | 53 | 17.04 | 0.120068610634648 | 0.636883 |
| 876 | 11 | 45 | 25.794 | 0.129292929292929 | 0.549269 |
| 877 | 11 | 39 | 19.677 | 0.116550116550117 | 0.606744 |
| 878 | 11 | 56 | 15.302 | 0.116883116883117 | 0.612214 |
| 879 | 11 | 36 | 10.39 | 0.116161616161616 | 0.693229 |
| 880 | 11 | 41 | 25.586 | 0.135254988913525 | 0.522128 |
| 881 | 11 | 41 | 21.968 | 0.126385809312639 | 0.580745 |
| 882 | 11 | 32 | 14.595 | 0.119318181818182 | 0.649037 |
| 883 | 11 | 57 | 14.428 | 0.121212121212121 | 0.580803 |
| 884 | 11 | 35 | 11.573 | 0.119480519480519 | 0.667239 |
| 885 | 11 | 35 | 10.618 | 0.119480519480519 | 0.697954 |
| 886 | 11 | 45 | 15.079 | 0.117171717171717 | 0.623604 |
| 887 | 11 | 37 | 24.578 | 0.127764127764128 | 0.524364 |
| 888 | 11 | 38 | 14.314 | 0.107655502392345 | 0.53871 |
| 889 | 11 | 51 | 13.742 | 0.117647058823529 | 0.595676 |
| 890 | 11 | 42 | 24.902 | 0.132034632034632 | 0.551418 |
| 891 | 11 | 36 | 22.457 | 0.118686868686869 | 0.517379 |
| 892 | 11 | 41 | 18.932 | 0.117516629711752 | 0.577019 |
| 893 | 11 | 33 | 18.668 | 0.115702479338843 | 0.482941 |
| 894 | 11 | 40 | 21.417 | 0.120454545454545 | 0.541782 |
| 895 | 11 | 25 | 3.662 | 0.101818181818182 | 0.806043 |
| 896 | 11 | 43 | 16.047 | 0.112050739957717 | 0.586273 |
| 897 | 11 | 30 | 15.867 | 0.115151515151515 | 0.637062 |
| 898 | 11 | 52 | 24.52 | 0.13986013986014 | 0.528708 |
| 899 | 11 | 38 | 12.093 | 0.110047846889952 | 0.547203 |
| 900 | 11 | 45 | 19.211 | 0.125252525252525 | 0.560827 |
| 901 | 11 | 37 | 9.214 | 0.115479115479115 | 0.67264 |
| 902 | 11 | 45 | 10.493 | 0.111111111111111 | 0.655805 |
| 903 | 11 | 45 | 20.437 | 0.123232323232323 | 0.596293 |
| 904 | 11 | 39 | 12.982 | 0.116550116550117 | 0.657942 |
| 905 | 11 | 52 | 9.718 | 0.106643356643357 | 0.687921 |
| 906 | 11 | 59 | 23.831 | 0.135593220338983 | 0.52088 |
| 907 | 11 | 38 | 23.884 | 0.119617224880383 | 0.548351 |
| 908 | 11 | 30 | 7.985 | 0.109090909090909 | 0.724469 |
| 909 | 11 | 53 | 13.779 | 0.109777015437393 | 0.641053 |
| 910 | 11 | 51 | 25.046 | 0.140819964349376 | 0.534488 |
| 911 | 11 | 37 | 12.263 | 0.115479115479115 | 0.58935 |
| 912 | 11 | 58 | 12.166 | 0.122257053291536 | 0.664969 |
| 913 | 11 | 43 | 27.597 | 0.137420718816068 | 0.525402 |
| 914 | 11 | 28 | 12.211 | 0.123376623376623 | 0.66407 |
| 915 | 11 | 29 | 12.457 | 0.122257053291536 | 0.669896 |
| 916 | 11 | 40 | 24.638 | 0.120454545454545 | 0.530389 |
| 917 | 11 | 37 | 18.239 | 0.117936117936118 | 0.582411 |
| 918 | 11 | 46 | 19.384 | 0.120553359683794 | 0.565925 |
| 919 | 11 | 30 | 14.77 | 0.124242424242424 | 0.628737 |
| 920 | 11 | 38 | 24.588 | 0.119617224880383 | 0.551948 |
| 921 | 11 | 41 | 24.675 | 0.126385809312639 | 0.542274 |
| 922 | 11 | 44 | 12.96 | 0.111570247933884 | 0.6402 |
| 923 | 11 | 20 | 12.949 | 0.131818181818182 | 0.665818 |
| 924 | 11 | 25 | 12.676 | 0.130909090909091 | 0.646553 |
| 925 | 11 | 37 | 20.18 | 0.113022113022113 | 0.506094 |
| 926 | 11 | 39 | 22.413 | 0.125874125874126 | 0.556876 |
| 927 | 11 | 27 | 12.063 | 0.121212121212121 | 0.66584 |
| 928 | 11 | 43 | 25.858 | 0.13107822410148 | 0.527791 |
| 929 | 11 | 38 | 13.245 | 0.117224880382775 | 0.660916 |
| 930 | 11 | 50 | 23.964 | 0.136363636363636 | 0.535958 |
| 931 | 11 | 53 | 28.998 | 0.152658662092624 | 0.465816 |
| 932 | 11 | 51 | 22.008 | 0.124777183600713 | 0.589336 |
| 933 | 11 | 51 | 22.739 | 0.124777183600713 | 0.568115 |
| 934 | 11 | 46 | 17.469 | 0.120553359683794 | 0.595489 |
| 935 | 11 | 31 | 16.49 | 0.131964809384164 | 0.622172 |
| 936 | 11 | 43 | 11.445 | 0.109936575052854 | 0.635293 |
| 937 | 11 | 55 | 18.054 | 0.122314049586777 | 0.547066 |
| 938 | 11 | 42 | 15.852 | 0.114718614718615 | 0.626144 |
| 939 | 11 | 35 | 15.604 | 0.119480519480519 | 0.637469 |
| 940 | 11 | 32 | 13.326 | 0.119318181818182 | 0.655272 |
| 941 | 11 | 48 | 20.941 | 0.126893939393939 | 0.602088 |
| 942 | 11 | 47 | 15.348 | 0.117988394584139 | 0.605159 |
| 943 | 11 | 47 | 19.59 | 0.135396518375242 | 0.537916 |
| 944 | 11 | 38 | 25.731 | 0.145933014354067 | 0.530465 |
| 945 | 11 | 50 | 21.078 | 0.12 | 0.56882 |
| 946 | 11 | 41 | 15.983 | 0.119733924611973 | 0.591166 |
| 947 | 11 | 44 | 22.916 | 0.12396694214876 | 0.555785 |
| 948 | 11 | 50 | 12.9 | 0.114545454545455 | 0.628313 |
| 949 | 11 | 23 | 12.013 | 0.122529644268775 | 0.643025 |
| 950 | 11 | 39 | 3.769 | 0.1002331002331 | 0.639197 |
| 951 | 11 | 47 | 18.283 | 0.11605415860735 | 0.595499 |
| 952 | 11 | 45 | 13.545 | 0.113131313131313 | 0.63355 |
| 953 | 11 | 48 | 12.329 | 0.119318181818182 | 0.666609 |
| 954 | 11 | 46 | 19.551 | 0.124505928853755 | 0.56357 |
| 955 | 11 | 38 | 29.968 | 0.131578947368421 | 0.525245 |
| 956 | 11 | 20 | 5.986 | 0.118181818181818 | 0.712954 |
| 957 | 11 | 60 | 15.764 | 0.116666666666667 | 0.485369 |
| 958 | 11 | 33 | 21.391 | 0.121212121212121 | 0.594471 |
| 959 | 11 | 49 | 26.032 | 0.137291280148423 | 0.552551 |
| 960 | 11 | 30 | 6.429 | 0.109090909090909 | 0.719069 |
| 961 | 11 | 42 | 23.155 | 0.125541125541126 | 0.563268 |
| 962 | 11 | 59 | 10.971 | 0.11864406779661 | 0.656547 |
| 963 | 11 | 28 | 9.661 | 0.113636363636364 | 0.679123 |
| 964 | 11 | 46 | 27.965 | 0.134387351778656 | 0.534991 |
| 965 | 11 | 40 | 13.285 | 0.118181818181818 | 0.659705 |
| 966 | 11 | 40 | 14.255 | 0.106818181818182 | 0.608813 |
| 967 | 11 | 37 | 13.985 | 0.108108108108108 | 0.575872 |
| 968 | 11 | 40 | 13.733 | 0.115909090909091 | 0.632773 |
| 969 | 11 | 40 | 26.276 | 0.131818181818182 | 0.53949 |
| 970 | 11 | 47 | 19.153 | 0.129593810444874 | 0.563106 |
| 971 | 11 | 48 | 13.624 | 0.115530303030303 | 0.626656 |
| 972 | 11 | 24 | 15.192 | 0.125 | 0.623456 |
| 973 | 11 | 54 | 21.779 | 0.12962962962963 | 0.550639 |
| 974 | 11 | 46 | 30.407 | 0.136363636363636 | 0.517918 |
| 975 | 11 | 44 | 11.09 | 0.107438016528926 | 0.682259 |
| 976 | 11 | 47 | 24.811 | 0.13926499032882 | 0.513462 |
| 977 | 11 | 35 | 5.615 | 0.103896103896104 | 0.768051 |
| 978 | 11 | 25 | 5.117 | 0.105454545454545 | 0.777571 |
| 979 | 11 | 30 | 20.145 | 0.127272727272727 | 0.61276 |
| 980 | 11 | 37 | 4.343 | 0.103194103194103 | 0.756162 |
| 981 | 11 | 43 | 15.915 | 0.114164904862579 | 0.595964 |
| 982 | 11 | 42 | 35.353 | 0.145021645021645 | 0.487154 |
| 983 | 11 | 36 | 8.2 | 0.103535353535354 | 0.576383 |
| 984 | 11 | 45 | 12.755 | 0.125252525252525 | 0.646408 |
| 985 | 11 | 41 | 22.105 | 0.124168514412417 | 0.576479 |
| 986 | 11 | 42 | 26.88 | 0.134199134199134 | 0.52493 |
| 987 | 11 | 49 | 21.206 | 0.14100185528757 | 0.531641 |
| 988 | 11 | 50 | 27.5 | 0.141818181818182 | 0.5256 |
| 989 | 11 | 33 | 8.758 | 0.118457300275482 | 0.708971 |
| 990 | 11 | 49 | 28.558 | 0.139146567717996 | 0.517827 |
| 991 | 11 | 20 | 9.388 | 0.122727272727273 | 0.678954 |
| 992 | 11 | 38 | 11.666 | 0.110047846889952 | 0.584063 |
| 993 | 11 | 40 | 23.05 | 0.120454545454545 | 0.558866 |
| 994 | 11 | 30 | 14.209 | 0.115151515151515 | 0.650217 |
| 995 | 11 | 41 | 23.143 | 0.126385809312639 | 0.545043 |
| 996 | 11 | 37 | 12.633 | 0.12039312039312 | 0.653005 |
| 997 | 11 | 38 | 31.229 | 0.133971291866029 | 0.513988 |
| 998 | 11 | 38 | 12.637 | 0.126794258373206 | 0.626508 |
| 999 | 11 | 46 | 17.121 | 0.108695652173913 | 0.608867 |
| 1000 | 11 | 39 | 12.893 | 0.114219114219114 | 0.670078 |

**Supplementary material S5**



**Figure S1.** Bipartite network plots of observed host-parasite associations for flood plain system of the Pantanal. Blue: host, red: endoparasite and black lines represent interactions. The sizes of nodes represent something like the number of interactions.



**Figure S2.** Bipartite network plots of observed host-parasite associations for Atlantic rainforest Network without flood plain system. Blue: host, red: endoparasite and black lines represent interactions. The sizes of nodes represent something like the number of interactions.