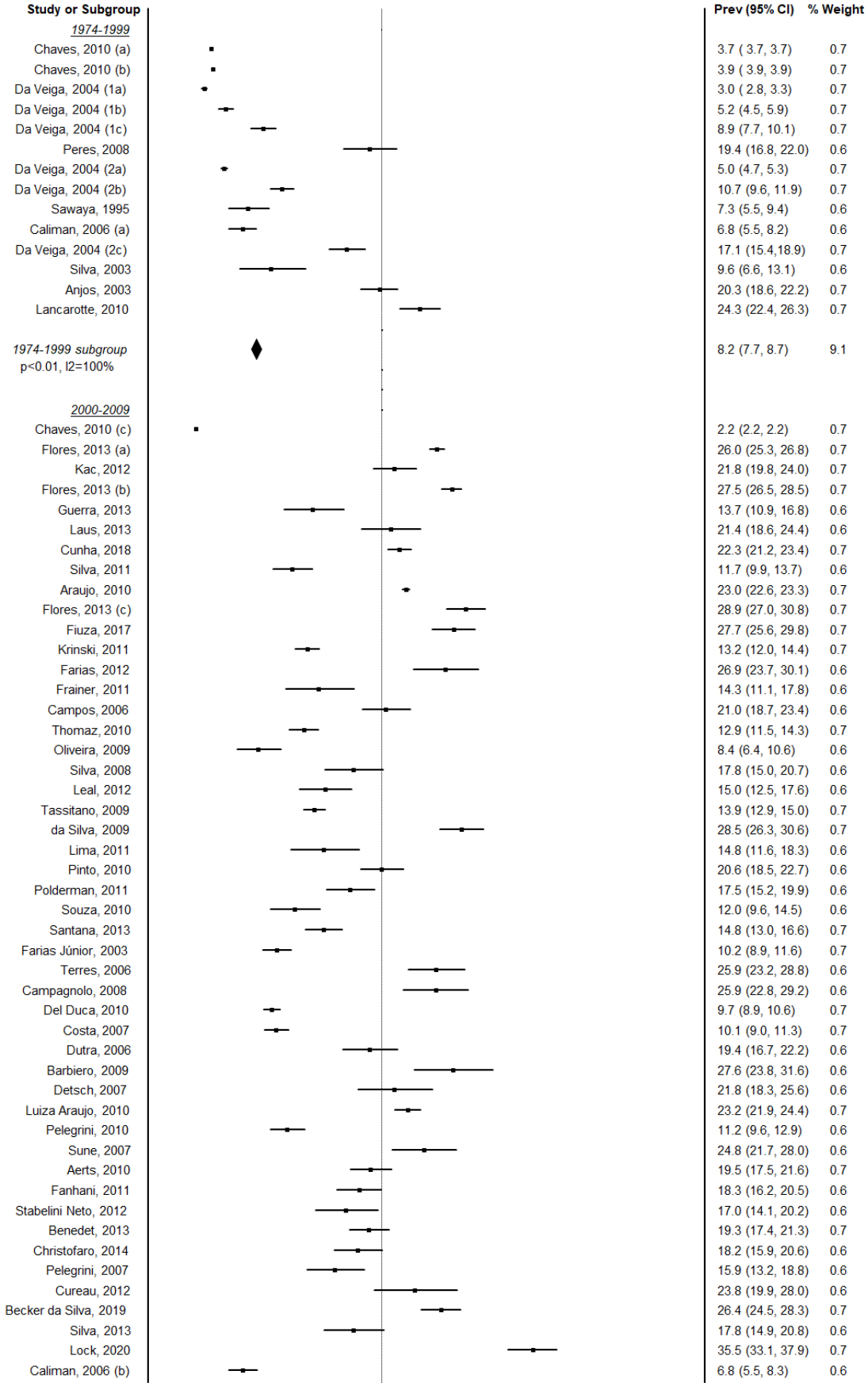
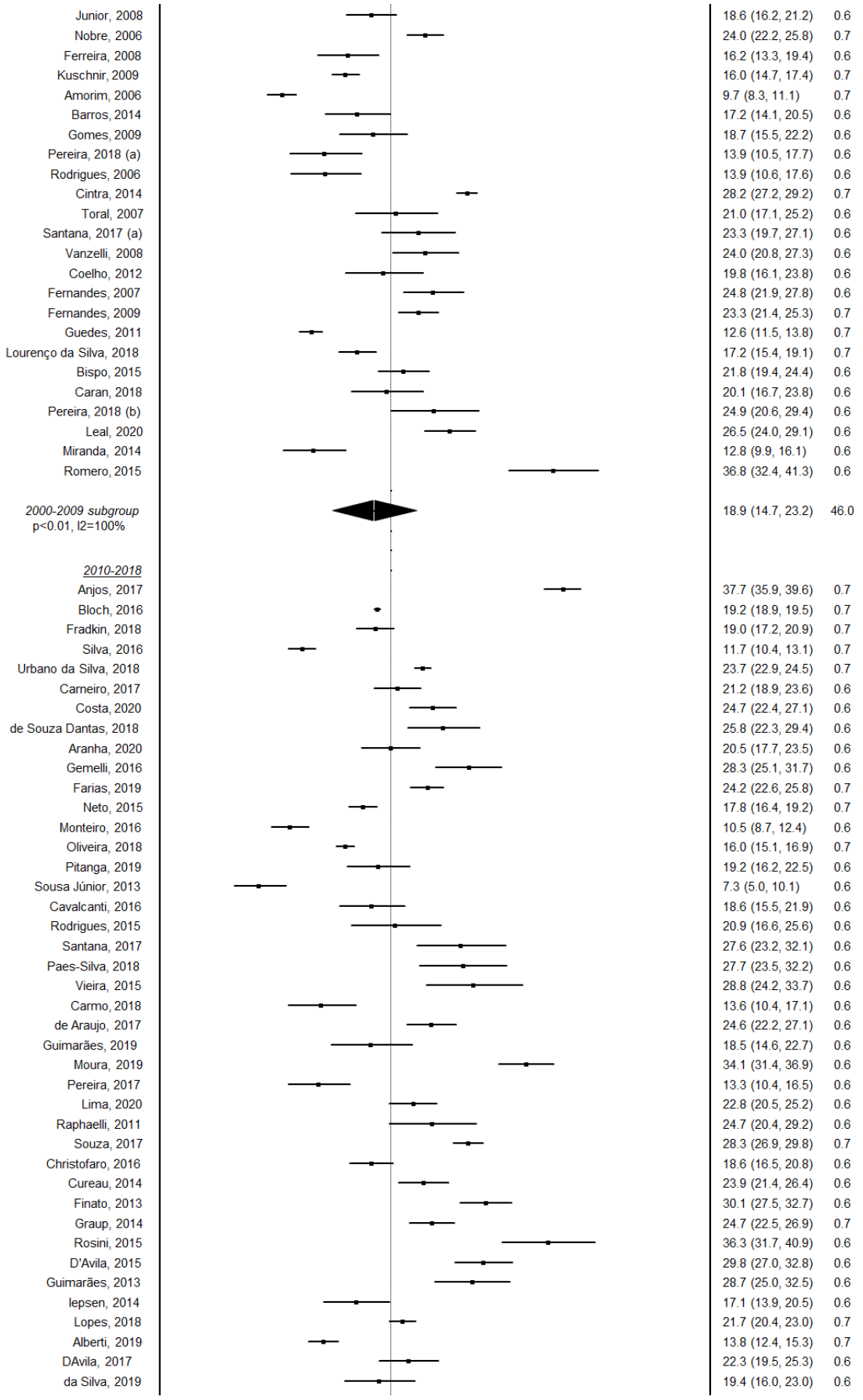
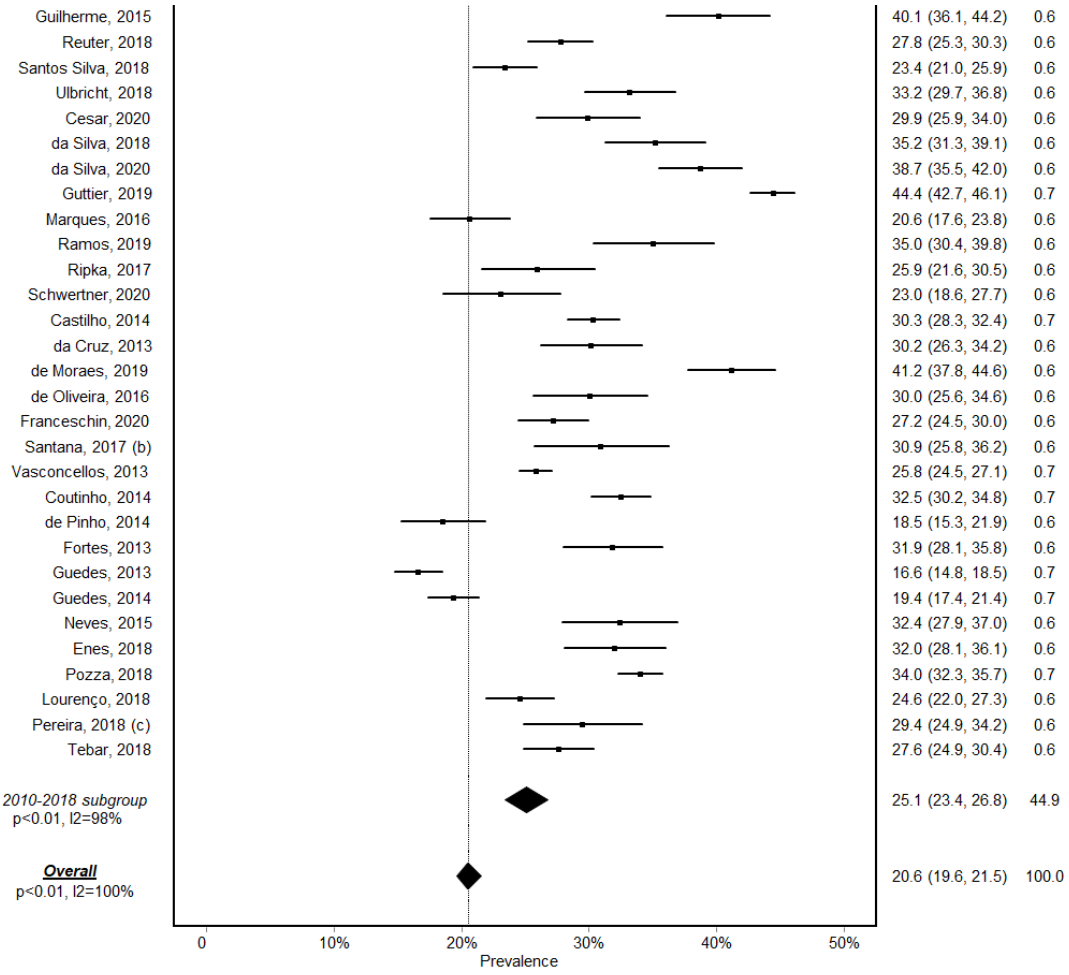
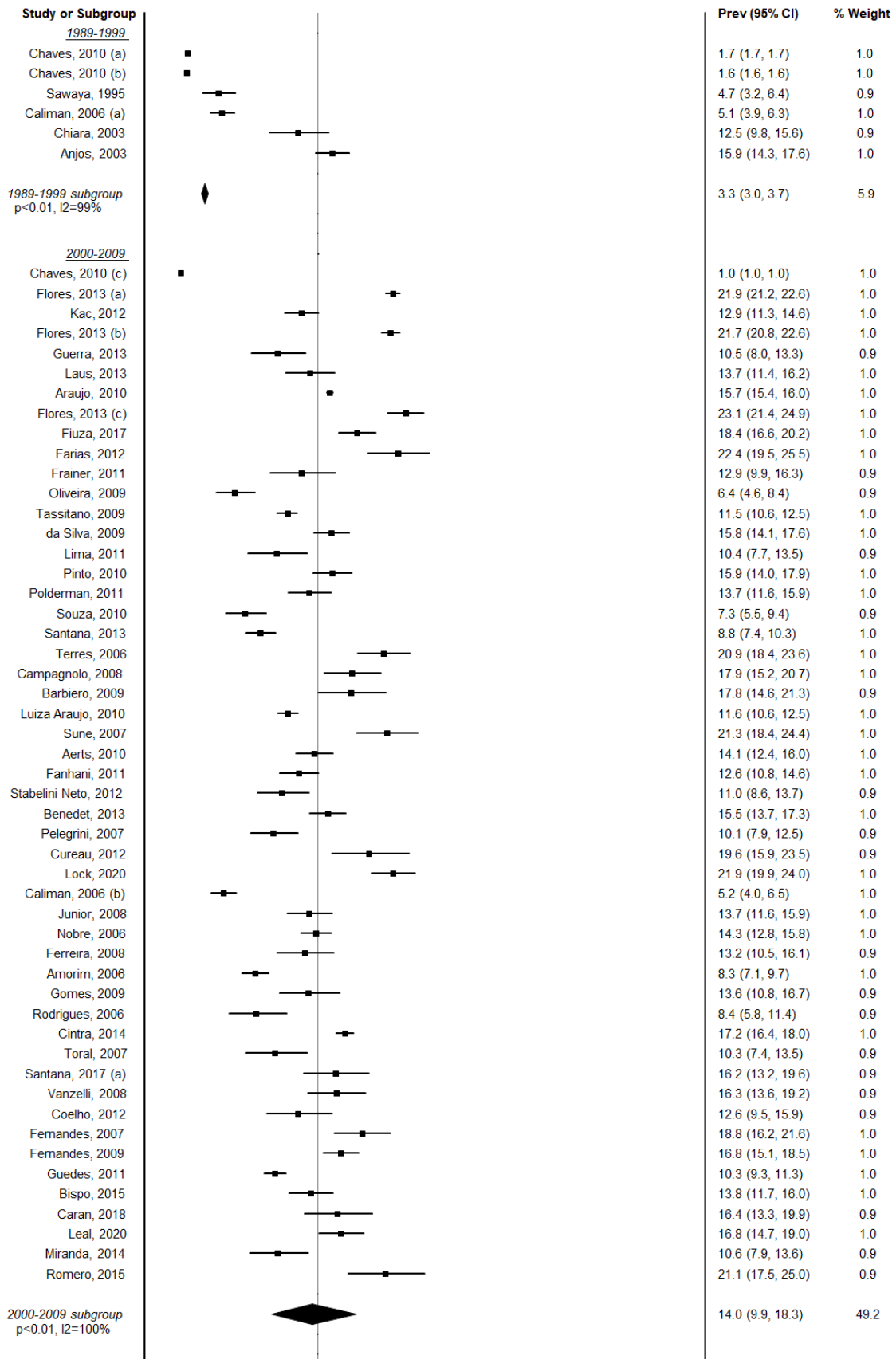
Supplementary Figure 1.

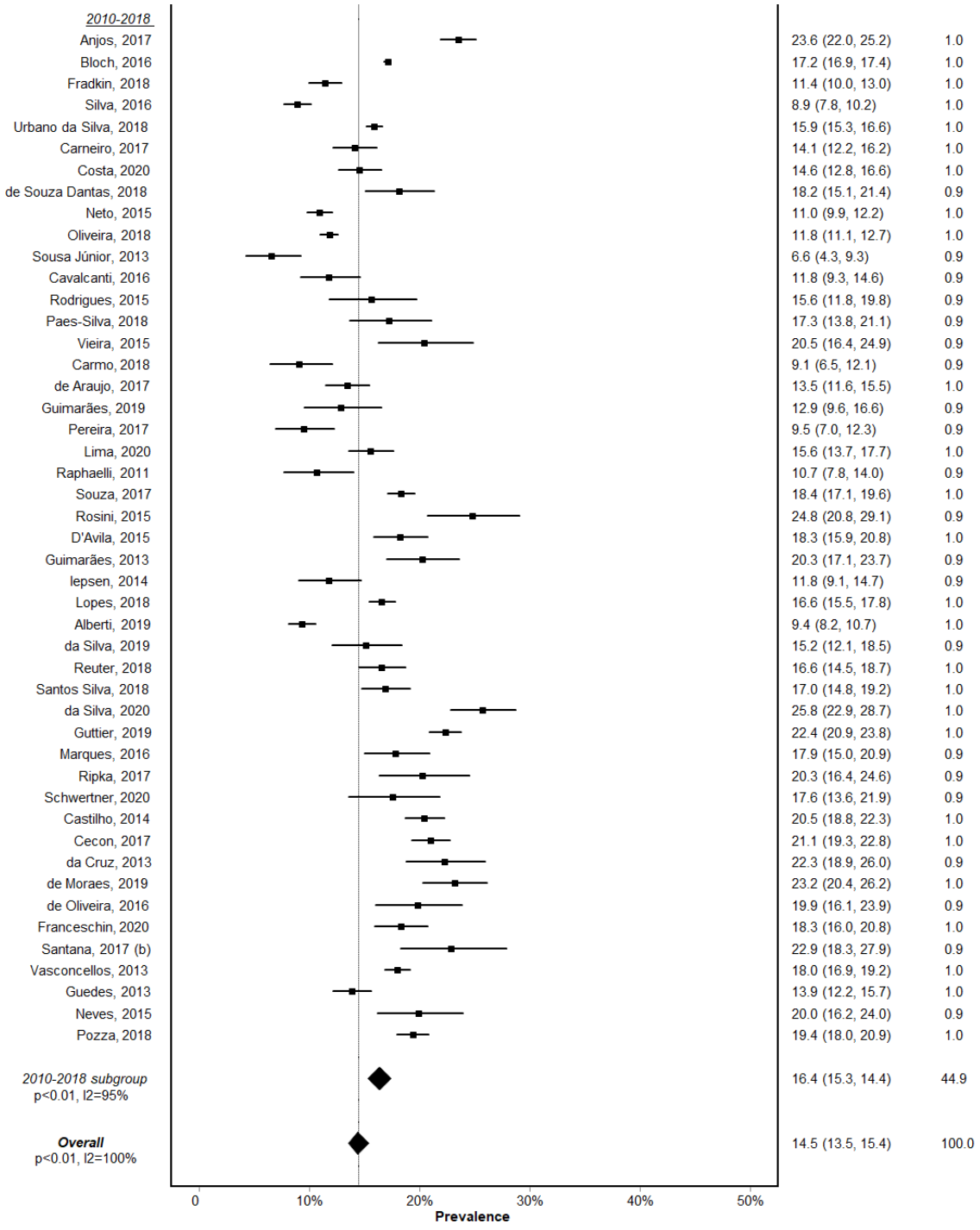



Junior, 2008 18.6 (16.2, 21.2) 0.6
Nobre, 2006 24.0 (22.2, 25.8) 0.7
Ferreira, 2008 16.2 (13.3, 19.4) 0.6
Kuschnir, 2009 16.0 (14.7, 17.4) 0.7
Amorim, 2006 9.7 (8.3, 11.1) 0.7
Barros, 2014 17.2 (14.1, 20.5) 0.6
Gomes, 2009 18.7 (15.5, 22.2) 0.6
Pereira, 2018 (a) 13.9 (10.5, 17.7) 0.6
Rodrigues, 2006 13.9 (10.6, 17.6) 0.6
Cintra, 2014 28.2 (27.2, 29.2) 0.7
Toral, 2007 21.0 (17.1, 25.2) 0.6
Santana, 2017 (a) 23.3 (19.7, 27.1) 0.6
Vanzelli, 2008 24.0 (20.8, 27.3) 0.6
Coelho, 2012 19.8 (16.1, 23.8) 0.6
Fernandes, 2007 24.8 (21.9, 27.8) 0.6
Fernandes, 2009 23.3 (21.4, 25.3) 0.7
Guedes, 2011 12.6 (11.5, 13.8) 0.7
Lourenço da Silva, 2018 17.2 (15.4, 19.1) 0.7
Bispo, 2015 21.8 (19.4, 24.4) 0.6
Caran, 2018 20.1 (16.7, 23.8) 0.6
Pereira, 2018 (b) 24.9 (20.6, 29.4) 0.6
Leal, 2020 26.5 (24.0, 29.1) 0.6
Miranda, 2014 12.8 (9.9, 16.1) 0.6
Romero, 2015 36.8 (32.4, 41.3) 0.6
2000-2009 subgroup
p<0.01, I2=100% 18.9 (14.7, 23.2) 46.0
2010-2018
Anjos, 2017 37.7 (35.9, 39.6) 0.7
Bloch, 2016 19.2 (18.9, 19.5) 0.7
Fradkin, 2018 19.0 (17.2, 20.9) 0.7
Silva, 2016 11.7 (10.4, 13.1) 0.7
Urbano da Silva, 2018 23.7 (22.9, 24.5) 0.7
Carneiro, 2017 21.2 (18.9, 23.6) 0.6
Costa, 2020 24.7 (22.4, 27.1) 0.6
de Souza Dantas, 2018 25.8 (22.3, 29.4) 0.6
Aranha, 2020 20.5 (17.7, 23.5) 0.6
Gemelli, 2016 28.3 (25.1, 31.7) 0.6
Farias, 2019 24.2 (22.6, 25.8) 0.7
Neto, 2015 17.8 (16.4, 19.2) 0.7
Monteiro, 2016 10.5 (8.7, 12.4) 0.6
Oliveira, 2018 16.0 (15.1, 16.9) 0.7
Pitanga, 2019 19.2 (16.2, 22.5) 0.6
Sousa Júnior, 2013 7.3 (5.0, 10.1) 0.6
Cavalcanti, 2016 18.6 (15.5, 21.9) 0.6
Rodrigues, 2015 20.9 (16.6, 25.6) 0.6
Santana, 2017 27.6 (23.2, 32.1) 0.6
Paes-Silva, 2018 27.7 (23.5, 32.2) 0.6
Vieira, 2015 28.8 (24.2, 33.7) 0.6
Carmo, 2018 13.6 (10.4, 17.1) 0.6
de Araujo, 2017 24.6 (22.2, 27.1) 0.6
Guimarães, 2019 18.5 (14.6, 22.7) 0.6
Moura, 2019 34.1 (31.4, 36.9) 0.6
Pereira, 2017 13.3 (10.4, 16.5) 0.6
Lima, 2020 22.8 (20.5, 25.2) 0.6
Raphaelli, 2011 24.7 (20.4, 29.2) 0.6
Souza, 2017 28.3 (26.9, 29.8) 0.7
Christofaro, 2016 18.6 (16.5, 20.8) 0.6
Cureau, 2014 23.9 (21.4, 26.4) 0.6
Finato, 2013 30.1 (27.5, 32.7) 0.6
Graup, 2014 24.7 (22.5, 26.9) 0.7
Rosini, 2015 36.3 (31.7, 40.9) 0.6
D'Avila, 2015 29.8 (27.0, 32.8) 0.6
Guimarães, 2013 28.7 (25.0, 32.5) 0.6
Iepsen, 2014 17.1 (13.9, 20.5) 0.6
Lopes, 2018 21.7 (20.4, 23.0) 0.7
Alberti, 2019 13.8 (12.4, 15.3) 0.7
DAvila, 2017 22.3 (19.5, 25.3) 0.6
da Silva, 2019 19.4 (16.0, 23.0) 0.6

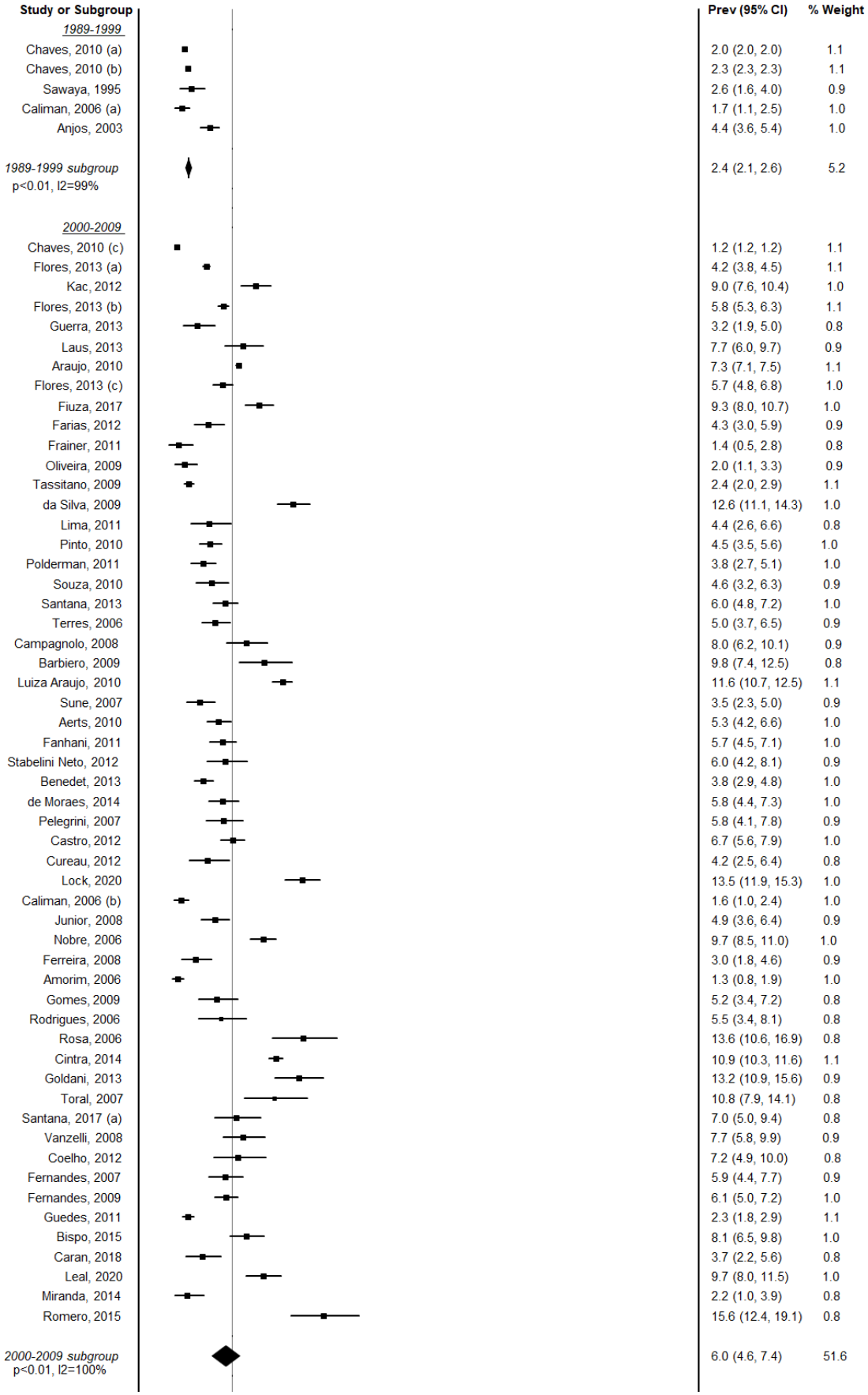

Guilherme, 2015 40.1 (36.1, 44.2) 0.6
Reuter, 2018 27.8 (25.3, 30.3) 0.6
Santos Silva, 2018 23.4 (21.0, 25.9) 0.6
Ulbricht, 2018 33.2 (29.7, 36.8) 0.6
Cesar, 2020 29.9 (25.9, 34.0) 0.6
da Silva, 2018 35.2 (31.3, 39.1) 0.6
da Silva, 2020 38.7 (35.5, 42.0) 0.6
Guttier, 2019 44.4 (42.7, 46.1) 0.7
Marques, 2016 20.6 (17.6, 23.8) 0.6
Ramos, 2019 35.0 (30.4, 39.8) 0.6
Ripka, 2017 25.9 (21.6, 30.5) 0.6
Schwertner, 2020 23.0 (18.6, 27.7) 0.6
Castilho, 2014 30.3 (28.3, 32.4) 0.7
da Cruz, 2013 30.2 (26.3, 34.2) 0.6
de Moraes, 2019 41.2 (37.8, 44.6) 0.6
de Oliveira, 2016 30.0 (25.6, 34.6) 0.6
Franceschin, 2020 27.2 (24.5, 30.0) 0.6
Santana, 2017 (b) 30.9 (25.8, 36.2) 0.6
Vasconcellos, 2013 25.8 (24.5, 27.1) 0.7
Coutinho, 2014 32.5 (30.2, 34.8) 0.7
de Pinho, 2014 18.5 (15.3, 21.9) 0.6
Fortes, 2013 31.9 (28.1, 35.8) 0.6
Guedes, 2013 16.6 (14.8, 18.5) 0.7
Guedes, 2014 19.4 (17.4, 21.4) 0.7
Neves, 2015 32.4 (27.9, 37.0) 0.6
Enes, 2018 32.0 (28.1, 36.1) 0.6
Pozza, 2018 34.0 (32.3, 35.7) 0.7
Lourenço, 2018 24.6 (22.0, 27.3) 0.6
Pereira, 2018 (c) 29.4 (24.9, 34.2) 0.6
Tebar, 2018 27.6 (24.9, 30.4) 0.6
2010-2018 subgroup
p<0.01, I2=98% 25.1 (23.4, 26.8) 44.9
Overall
p<0.01, I2=100% 20.6 (19.6, 21.5) 100.0
0
10%
20%
30%
40%
50%
Prevalence

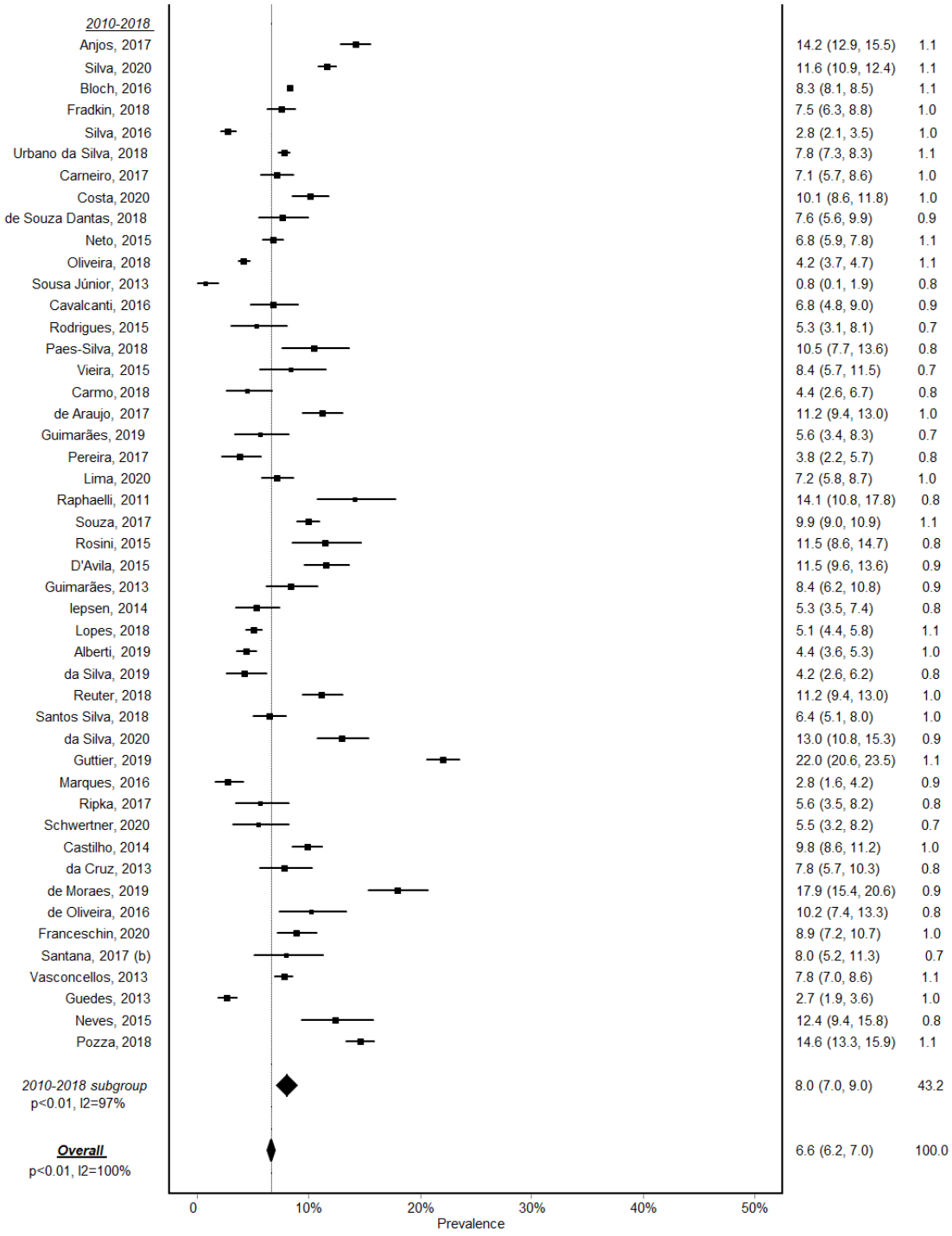
Supplementary Figure 2.




2010-2018
Anjos, 2017 23.6 (22.0, 25.2) 1.0
Bloch, 2016 17.2 (16.9, 17.4) 1.0
Fradkin, 2018 11.4 (10.0, 13.0) 1.0
Silva, 2016 8.9 (7.8, 10.2) 1.0
Urbano da Silva, 2018 15.9 (15.3, 16.6) 1.0
Carneiro, 2017 14.1 (12.2, 16.2) 1.0
Costa, 2020 14.6 (12.8, 16.6) 1.0
de Souza Dantas, 2018 18.2 (15.1, 21.4) 0.9
Neto, 2015 11.0 (9.9, 12.2) 1.0
Oliveira, 2018 11.8 (11.1, 12.7) 1.0
Sousa Júnior, 2013 6.6 (4.3, 9.3) 0.9
Cavalcanti, 2016 11.8 (9.3, 14.6) 0.9
Rodrigues, 2015 15.6 (11.8, 19.8) 0.9
Paes-Silva, 2018 17.3 (13.8, 21.1) 0.9
Vieira, 2015 20.5 (16.4, 24.9) 0.9
Carmo, 2018 9.1 (6.5, 12.1) 0.9
de Araujo, 2017 13.5 (11.6, 15.5) 1.0
Guimarães, 2019 12.9 (9.6, 16.6) 0.9
Pereira, 2017 9.5 (7.0, 12.3) 0.9
Lima, 2020 15.6 (13.7, 17.7) 1.0
Raphaelli, 2011 10.7 (7.8, 14.0) 0.9
Souza, 2017 18.4 (17.1, 19.6) 1.0
Rosini, 2015 24.8 (20.8, 29.1) 0.9
D'Avila, 2015 18.3 (15.9, 20.8) 1.0
Guimarães, 2013 20.3 (17.1, 23.7) 0.9
Iepsen, 2014 11.8 (9.1, 14.7) 0.9
Lopes, 2018 16.6 (15.5, 17.8) 1.0
Alberti, 2019 9.4 (8.2, 10.7) 1.0
da Silva, 2019 15.2 (12.1, 18.5) 0.9
Reuter, 2018 16.6 (14.5, 18.7) 1.0
Santos Silva, 2018 17.0 (14.8, 19.2) 1.0
da Silva, 2020 25.8 (22.9, 28.7) 1.0
Guttier, 2019 22.4 (20.9, 23.8) 1.0
Marques, 2016 17.9 (15.0, 20.9) 0.9
Ripka, 2017 20.3 (16.4, 24.6) 0.9
Schwertner, 2020 17.6 (13.6, 21.9) 0.9
Castilho, 2014 20.5 (18.8, 22.3) 1.0
Cecon, 2017 21.1 (19.3, 22.8) 1.0
da Cruz, 2013 22.3 (18.9, 26.0) 0.9
de Moraes, 2019 23.2 (20.4, 26.2) 1.0
de Oliveira, 2016 19.9 (16.1, 23.9) 0.9
Franceschin, 2020 18.3 (16.0, 20.8) 1.0
Santana, 2017 (b) 22.9 (18.3, 27.9) 0.9
Vasconcellos, 2013 18.0 (16.9, 19.2) 1.0
Guedes, 2013 13.9 (12.2, 15.7) 1.0
Neves, 2015 20.0 (16.2, 24.0) 0.9
Pozza, 2018 19.4 (18.0, 20.9) 1.0
2010-2018 subgroup
p<0.01, I2=95% 16.4 (15.3, 14.4) 44.9
Overall
p<0.01, I2=100% 14.5 (13.5, 15.4) 100.0
0
10%
20%
30%
40%
50%
Prevalence

Supplementary Figure 3.




2010-2018
Anjos, 2017 14.2 (12.9, 15.5) 1.1
Silva, 2020 11.6 (10.9, 12.4) 1.1
Bloch, 2016 8.3 (8.1, 8.5) 1.1
Fradkin, 2018 7.5 (6.3, 8.8) 1.0
Silva, 2016 2.8 (2.1, 3.5) 1.0
Urbano da Silva, 2018 7.8 (7.3, 8.3) 1.1
Carneiro, 2017 7.1 (5.7, 8.6) 1.0
Costa, 2020 10.1 (8.6, 11.8) 1.0
de Souza Dantas, 2018 7.6 (5.6, 9.9) 0.9
Neto, 2015 6.8 (5.9, 7.8) 1.1
Oliveira, 2018 4.2 (3.7, 4.7) 1.1
Sousa Júnior, 2013 0.8 (0.1, 1.9) 0.8
Cavalcanti, 2016 6.8 (4.8, 9.0) 0.9
Rodrigues, 2015 5.3 (3.1, 8.1) 0.7
Paes-Silva, 2018 10.5 (7.7, 13.6) 0.8
Vieira, 2015 8.4 (5.7, 11.5) 0.7
Carmo, 2018 4.4 (2.6, 6.7) 0.8
de Araujo, 2017 11.2 (9.4, 13.0) 1.0
Guimarães, 2019 5.6 (3.4, 8.3) 0.7
Pereira, 2017 3.8 (2.2, 5.7) 0.8
Lima, 2020 7.2 (5.8, 8.7) 1.0
Raphaelli, 2011 14.1 (10.8, 17.8) 0.8
Souza, 2017 9.9 (9.0, 10.9) 1.1
Rosini, 2015 11.5 (8.6, 14.7) 0.8
D'Avila, 2015 11.5 (9.6, 13.6) 0.9
Guimarães, 2013 8.4 (6.2, 10.8) 0.9
Iepsen, 2014 5.3 (3.5, 7.4) 0.8
Lopes, 2018 5.1 (4.4, 5.8) 1.1
Alberti, 2019 4.4 (3.6, 5.3) 1.0
da Silva, 2019 4.2 (2.6, 6.2) 0.8
Reuter, 2018 11.2 (9.4, 13.0) 1.0
Santos Silva, 2018 6.4 (5.1, 8.0) 1.0
da Silva, 2020 13.0 (10.8, 15.3) 0.9
Guttier, 2019 22.0 (20.6, 23.5) 1.1
Marques, 2016 2.8 (1.6, 4.2) 0.9
Ripka, 2017 5.6 (3.5, 8.2) 0.8
Schwertner, 2020 5.5 (3.2, 8.2) 0.7
Castilho, 2014 9.8 (8.6, 11.2) 1.0
da Cruz, 2013 7.8 (5.7, 10.3) 0.8
de Moraes, 2019 17.9 (15.4, 20.6) 0.9
de Oliveira, 2016 10.2 (7.4, 13.3) 0.8
Franceschin, 2020 8.9 (7.2, 10.7) 1.0
Santana, 2017 (b) 8.0 (5.2, 11.3) 0.7
Vasconcellos, 2013 7.8 (7.0, 8.6) 1.1
Guedes, 2013 2.7 (1.9, 3.6) 1.0
Neves, 2015 12.4 (9.4, 15.8) 0.8
Pozza, 2018 14.6 (13.3, 15.9) 1.1
2010-2018 subgroup
p<0.01, I2=97%
8.0 (7.0, 9.0) 43.2
Overall
p<0.01, I2=100%
6.6 (6.2, 7.0) 100.0
0
10%
20%
30%
40%
50%
Prevalence