Appendix

Words used as stimuli: Exp. 1, half with medial geminates, half with medial singletons; Exp. 2, geminates only with changed C1 (stimuli added for this experiment in **bold face**); Exp. 3, singletons only with changed C1 (added stimuli in **bold face**)**.** Note that one of the ‘medial singleton’ words of each type, Familiar and Rare, actually has a heterogeneous cluster. Underlined words were produced in the recorded sessions by at least one of the 30 children whose data are reported in Study 1, above.

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| --- | --- | --- | --- | --- | --- | --- |
| FAMILIAR | | | | | | |
| medial geminate | | | medial singleton | | |
| Unchanged | | Changed C1 | Unchanged | Changed C1 | |
| *bocca* /bok:a/ ‘mouth’ | vocca /vok:a/ | | *bimbo* /bimbo/ ‘child’ (BT) | nimbo /nimbo/ | | |
| *latte* /lat:e/‘milk’ | catte /kat:e/ | | *cane* /kane/‘dog’ | sane /zane/ | | |
| *mamma* /mam:a/ ‘mummy’ | damma /dam:a/ | | *mela* /mela/‘apple’ | ghela /gela/ | | |
| *palla* /pal:a/‘ball’ | salla /zal:a/ | | *naso* /nazo/‘nose’ | taso /tazo/ | | |
| *piatto* /pjat:o/ ‘dish’ | liatto /ljat:o/ | | *piede* /pjɛde /‘foot’ | liede /ljɛde/ | | |
| *zitto* /tsit:o/  ‘be quiet’ | nitto /nit:o/ | | *tata* /tata/‘girl’ (BT) | vata /vata/ | | |
| ***bello* /**bɛl:o**/** ‘nice’ | **gello** /dʒɛl:o/ | | ***casa*** /kaza**/** ‘house’ | **lasa** /laza/ | | |
| ***faccia*** /fat:ʃa/‘face’ | **maccia** /mat:ʃa/ | | ***dito*** /dito/‘finger’ | **gito** /dʒito/ | | |
| ***gatto*** /gat:o/ ‘cat’ | **zatto** /dzat:o/ | | ***luce*** /lutʃe/ ‘light’ | **muce** /mutʃe/ | | |
| ***mucca*** /muk:a/ ‘cow’ | **fucca** /fuk:a/ | | ***mano*** /mano/ ‘hand’ | **zano** /dzano/ | | |
| ***pizza*** /pit:sa/ ‘pizza’ | **tizza** /tit:sa/ | | ***pera*** /pera/'pear’ | **fera** /fera/ | | |
| ***rotto*** /rot:o/ ‘broken’ | **notto** /not:o/ | | ***sole*** /sole/‘sun’ | **pole** /pole/ | | |
| RARE | | | | | | |
| medial geminate | | | medial singleton | |
| Unchanged | Changed C1 | | Unchanged | Changed C1 |
| *callo* /kal:o/ ‘bunion’ | vallo /val:o/ | | *busto* /busto/ ‘bodice’ | lusto /lusto/ |
| *flotta* /flɔt:a/ ‘fleet’ | clotta /klɔt:a/ | | *leva* /leva/‘brake’ | gheva /geva/ |
| *gobba* /gɔb:a/ ‘buckle’ | lobba /lɔb:a/ | | *lobo* /lobo/ ‘ear lobe’ | dobo /dobo/ |
| *mozzo* /mot:so/‘cabin boy’ | dozzo /dot:so/ | | *mimo* /mimo/ ‘mime’ | zimo /dzimo/ |
| *picco* /pik:o/ ‘beak’ | nicco /nik:o/ | | *nuca* /nuka/ ‘head’ (medical term) | vuca /vuka/ |
| *tatto* /tat:o/ ‘tact’ | satto /sat:o/ | | *podio* /pɔdjo/ ‘podium’ | nodio /nɔdjo/ |
| ***ghetto*** /get:o/‘ghetto’ | **zetto** /dzet:o/ | | ***base*** /baze/ ‘base’ | **mase** /maze/ |
| ***molla*** /mol:a/ ‘spring’ | **giolla** /dʒɔl:a/ | | ***gota*** /gɔta/‘cheek’ (rarely used) | **ciota** /tʃɔta/ |
| ***pinna*** /pin:a/ ‘fin’ | **finna**  /fin:a/ | | ***mole*** /mɔle/‘mass, dimension’ (rarely used) | **role** /rɔle/ |
| ***rozzo*** /rod:zo/ ‘rough’ | **nozzo** /nod:zo/ | | ***rude*** /rude/‘rude’ | **sude** /sude/ |
| ***saggio*** /sad:ʒo/‘wise’ | **taggio** /tad:ʒo/ | | ***sano*** /sano/ ‘healthy’ | **giano** /dʒano/ |
| ***tacco*** /tak:o/‘ heel’ | **macco** /mak:o/ | | ***tifo*** /tifo/ ‘typhoid’ | **pifo** /pifo/ |