

Supplementary materials.

Table S1. Precise matching of children with ABI with children with CI.

	Cumulative vocabulary size ABI group	Number of CI files matched	Child IDs	Mean cumulative vocabulary size (SD)	Mean chronological age (SD) (years;months)	Mean hearing age (SD) (years;months)
1.	< 50 word types	3	CI4_1 CI5_1 CI8_1	10.75 (10.31)	1;11 (0;01)	0;05 (0;01)
2.	ca. 100 word types	3	CI4_2 CI6_1 CI7_1	83.33 (17.56)	2;03 (0;07)	1;04 (0;01)
3.	ca. 200 word types	3	CI1_1 CI4_3 CI5_2	168.67 (16.07)	2;08 (0;07)	1;04 (0;01)

4.	ca. 350 word types	5	CI1_2 CI2_1 CI4_4 CI8_2 CI9_1	352.40 (69.76)	2;11 (0;07)	1;10 (0;06)
5.	> 500 word types	3	CI3_1 CI8_3 CI9_2	571.33 (43.32)	3;00 (0;09)	2;00 (0;05)

Table S2. Precise matching of children with ABI with children with TH.

	Cumulative vocabulary size ABI group	Number of CI files matched	Child IDs	Mean cumulative vocabulary size (SD)	Mean chronological age (SD) (years;months)	Mean hearing age (SD) (years;months)
1.	< 50 word types	3	TH1_1 TH2_1	41.33 (8.32)	1;04 (0;01)	1;04 (0;01)

			TH3_1			
2.	ca. 100 word types	3	TH4_1 TH5_1 TH6_1	95.67 (25.38)	2;00 (0;00)	2;00 (0;00)
3.	ca. 200 word types	3	TH7_1 TH8_1 TH3_2	181.33 (22.31)	2;00 (0;00)	2;00 (0;00)
4.	ca. 350 word types	3	TH1_2 TH2_2 TH9_1	341.00 (14.18)	2;00 (0;00)	2;00 (0;00)
5.	> 500 word types	N.A.	N.A.	N.A.	N.A.	N.A.
Chronological age and hearing age are similar in children with TH						