

Supplemental Material S2. AN(C)OVAs investigating the effect of birth status and the language sampling context on the linguistic and paralinguistic features of child speech.

Table S2.1. Number of datapoints in each LSA AN(C)OVA, stratified according to Birth Status × Sampling Context Subgroup.

	Term-born		Preterm-born	
	Mother-child conversation	Father-child conversation	Mother-child conversation	Father-child conversation
<i>Linguistic</i>				
Types	24	24	22	17
Tokens	24	24	21	16
Type-token ratio	24	23	18	17
% nouns	21	23	22	17
% verbs	24	24	22	17
% adjectives	22	18	20	15
MLU (morphemes)	24	24	22	17
MLU (words)	24	24	22	17
Verbs per utterance	24	24	22	17
<i>Paralinguistic</i>				
Volubility (words per minute)	24	24	22	16
Speech rate (words per minute)	24	24	22	17
Intelligibility	24	23	20	15
Intelligible words per minute	24	21	21	17

Table S2.2. AN(C)OVAs corresponding to the linguistic features of child speech.

	Main/Interaction effects	Test statistic	<i>p</i>	η_p^2
Types ^a	Child Age	$F(1, 41.82) = 16.07$	< .001	.28
	Birth Status	$F(1, 41.98) = 0.07$	.794	< .01
	Sampling Context	$F(1, 38.93) = 1.95$	.170	.05
	Birth Status × Sampling Context	$F(1, 38.96) = 0.69$	.410	.02
Tokens ^a	Child Age	$F(1, 42.04) = 10.15$	.003	.19
	Birth Status	$F(1, 39.55) = 0.20$	.657	< .01
	Sampling Context	$F(1, 36.50) = 0.51$	.481	.01
	Birth Status × Sampling Context	$F(1, 36.54) = 1.71$	.200	.04
Type-token ratio	Birth Status	$F(1, 42.94) = 1.55$	.220	.03
	Sampling Context	$F(1, 42.01) = 0.16$	.692	< .01
	Birth Status × Sampling Context	$F(1, 42.01) = 5.73$	.021	.12
% nouns	Birth Status	$F(1, 43.48) = 1.57$	.218	.03
	Sampling Context	$F(1, 38.82) = 1.08$	.304	.03
	Birth Status × Sampling Context	$F(1, 38.82) = 0.15$	.703	< .01
% verbs ^a	Child Age	$F(1, 42.41) = 5.60$	.023	.12
	Birth Status	$F(1, 42.60) = 0.04$	.850	< .01
	Sampling Context	$F(1, 42.23) = 0.28$	.602	< .01
	Birth Status × Sampling Context	$F(1, 42.26) = 0.19$	.663	< .01
% adjectives	Birth Status	$F(1, 40.68) = 1.90$	.176	.04
	Sampling Context	$F(1, 30.49) = 6.34$	.017	.17
	Birth Status × Sampling Context	$F(1, 30.49) = 2.38$	.133	.07
MLUm ^a	Child Age	$F(1, 44.02) = 8.03$	.007	.15
	Birth Status	$F(1, 44.14) = 0.09$	.766	< .01
	Sampling Context	$F(1, 39.98) = 2.62$	.114	.06
	Birth Status × Sampling Context	$F(1, 40.00) = 0.07$	.798	< .01
MLUw ^a	Child Age	$F(1, 43.85) = 7.95$	.007	.15
	Birth Status	$F(1, 43.99) = 0.09$	.763	< .01
	Sampling Context	$F(1, 40.23) = 1.57$	.218	.04
	Birth Status*Sampling Context	$F(1, 40.26) = 0.36$	.553	< .01
Verbs per utterance ^a	Child Age	$F(1, 43.33) = 9.13$	.004	.17
	Birth Status	$F(1, 43.50) < 0.01$	.950	< .01
	Sampling Context	$F(1, 41.01) = 0.02$	.879	< .01
	Birth Status*Sampling Context	$F(1, 41.05) = 0.12$	.730	< .01

Note. Type III sums of squares. Statistically significant effects ($p < .05$) are shown in bold. Sampling context = Language sampling context.

^a ANCOVA controlling for child age.

Table S2.3. AN(C)OVAs corresponding to the paralinguistic features of child speech.

	Main/Interaction effect	Test statistic	<i>p</i>	η_p^2
Volubilit ^a	Child Age	$F(1, 42.05) = 11.01$	.002	.21
	Birth Status	$F(1, 41.02) = 1.46$	.233	.03
	Sampling Context	$F(1, 38.74) = 1.10$	.300	.03
	Birth Status × Sampling Context	$F(1, 38.81) = 2.15$	.151	.05
Speech rate	Birth Status	$F(1, 45.15) = 1.81$	.185	.04
	Sampling Context	$F(1, 42.01) = 0.15$	.699	< .01
	Birth Status × Sampling Context	$F(1, 42.01) = 0.12$	.723	< .01
Intelligibility ^a	Child Age	$F(1, 39.60) = 2.43$	.127	.06
	Birth Status	$F(1, 40.02) = 11.79$	.001	.23
	Sampling Context	$F(1, 39.46) = 0.06$	.808	< .01
	Birth Status × Sampling Context	$F(1, 39.49) = 1.54$	.222	.04
Intelligible words per min ^a	Child Age	$F(1, 41.96) = 6.20$	.017	.13
	Birth Status	$F(1, 42.26) = 0.07$	.798	< .01
	Sampling Context	$F(1, 39.11) = 2.24$	.143	.05
	Birth Status × Sampling Context	$F(1, 39.14) < 0.01$	.971	< .01

Note. Type III sums of squares. Statistically significant effects ($p < .05$) are shown in bold. Sampling context = Language sampling context.

^a ANCOVA controlling for child age.