

Supplementary Materials. Zuccarini et al., 106336, JCD, 2023.

Table S1. Biological, Clinical, and Sociodemographic Characteristics of Low-Risk Preterm and Full-term Late Talkers.

Participants' Characteristics	Low-risk preterm Late Talkers (n= 33)		Full-term Late Talkers (n= 35)		test	p
	M/n	SD/%	M/n	SD/%		
Gestational Age (weeks), <i>M, SD</i>	33.79	2.09	39.47	1.21	13.61	<.001#
Birthweight (grams), <i>M, SD</i>	1887	434	3346	460	13.43	<.001#
Gender (male), <i>n, %</i>	23	69.7	23	65.7	.12	.726 [§]
Firstborn, <i>n, %</i>	17	51.5	16	45.7	.23	.632 [§]
Twins, <i>n, %</i>	19	57.6	0	0	27.97	<.001[§]
Type of delivery (cesarean), <i>n, %</i>	29	87.9	8	22.9	28.95	<.001[§]
Length of stay in hospital (days), <i>M, SD</i>	23.73	33.29	2.63	1.52	-3.64	.001
Small for gestational age, <i>n, %</i>	6	18.2	1	2.9		.051 [^]
Respiratory distress syndrome, <i>n, %</i>	16	48.5	0	0	22.19	<.001[§]
Mechanical ventilation, <i>n, %</i>	2	6.1	0	0		.232 [^]
Apnea, <i>n, %</i>	1	3.0	0	0		.485 [^]
Bronchopulmonary dysplasia, <i>n, %</i>	1	3.0	0	0		.485 [^]
Sepsis, <i>n, %</i>	1	3.0	0	0		.485 [^]
Intraventricular hemorrhage Grade I/II, <i>n, %</i>	0	0	0	0		-
Retinopathy of prematurity Grade I/II, <i>n, %</i>	0	0	0	0		-
Otitis media > 4 episodes/year, <i>n, %</i>	1	3.0	2	5.7		1.000 [^]
Family history language/learning Disorders, <i>n, %</i>	5	15.2	6	17.1	.050	.824 [§]
Daycare Attendance, <i>n, %</i>	21	63.6	27	77.1	1.49	.222 [§]
Exposure to another language, <i>n, %</i>	5	15.2	4	11.4		.730 [^]
Mother's Age ^a (years), <i>M, SD</i>	39.03	5.61	37.26	5.33	-1.32	.191#
Father's Age ^b (years), <i>M, SD</i>	40.71	6.51	39.43	5.62	-.82	.416#
Parental Educational Level					4.82	.100 [§]
Low (both parents ≤13 y), <i>n, %</i>	13	39.4	8	22.9		
Middle (one parent >13 y), <i>n, %</i>	13	39.4	11	31.4		
High (both parents >13 y), <i>n, %</i>	7	21.2	16	45.7		
Mother's Nationality (Italian), <i>n, %</i>	29	87.9	32	91.4		.705 [^]
Father's Nationality (Italian), <i>n, %</i>	28	84.8	32	91.4		.471 [^]
Mothers not engaged in paid work, <i>n, %</i>	16	48.5	6	17.1	7.62	.006[§]
Fathers not engaged in paid work, <i>n, %</i>	0	0	0	0	-	-

Note. Small for gestational age: infants with a birthweight < 10th percentile for gestational age; respiratory distress syndrome: acute illness coming on within 4–6 h of delivery, characterized clinically by respiratory rate ≥ 60/min, dyspnea; apnea: defined as more than four episodes of apnea/hour or more than two episodes of apnea/hour if ventilation with a bag and mask was required; bronchopulmonary dysplasia: needing both supplemental oxygen for ≥ 28 days and at 36 weeks of post-conception age; intra-ventricular hemorrhage: originating within the subependymal germinal matrix filling less than 10% (I grade) and 50% (II grade), respectively, of the ventricular area on parasagittal view; sepsis: presence of a positive blood culture and/or clinical and laboratory signs; retinopathy of prematurity: vasoproliferative retinopathy resolved without a specific therapy before the presumed date of birth.

Significant results are in bold.

Test used were: T-test (#); Chi-square test (§) or the Fisher's exact test (^) when at least one expected value was < 5.

Data was missing for: ^a 1 participant: 1 Severe Late; ^b 7 participants: 2 Severe Late, 2 Moderate Late, 3 Mild Late.

Table S2.*Fit Indices Obtained by Cluster Analysis*

	Schwarz's Bayesian Criterion (BIC)	BIC Change	Ratio of BIC changes	Ratio of Distance Measures
1	110.14			
2	86.95	-23.198	1.000	1.772
3	81.21	-5.734	.247	3.020
4	90.60	9.391	-.405	1.598
5	102.80	12.194	-.526	1.163
6	115.65	12.851	-.554	1.388
7	129.62	13.977	-.603	1.413
8	144.45	14.825	-.639	1.448
9	159.91	15.460	-.666	1.474
10	175.82	15.916	-.686	1.013
11	191.753	15.928	-.687	1.201
12	207.840	16.087	-.693	1.090
13	223.99	16.152	-.696	1.116
14	240.22	16.227	-.700	1.105
15	256.51	16.290	-.702	1.357