

Supplemental Information

SUPPLEMENTAL TABLE 8 Correlations Between Predictor and Outcome Variables

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Sex	1.00																																				
Twin birth	0.02	1.00																																			
Preterm	0.00	0.15*	1.00																																		
Birth wt	-0.15*	-0.28*	-0.40*	1.00																																	
Birth order	0.00	0.04	-0.02	0.05*	1.00																																
NESS	0.00	-0.02	-0.02	-0.03	-0.01	1.00																															
Education	-0.05*	0.04	-0.02	0.05*	-0.05*	0.04	1.00																														
SEIFA score	-0.01	0.02	-0.02	0.06*	0.01	-0.20*	0.22*	1.00																													
Family history	-0.02	-0.04	-0.03	0.00	0.18*	-0.05	-0.08*	-0.02	1.00																												
Mental health	-0.01	0.00	0.00	0.02	0.04	0.06*	-0.01	-0.03	0.08*	1.00																											
Maternal vocabulary	0.00	0.04	0.01	0.07*	0.08*	0.28*	0.27*	-0.01	-0.02	1.00																											
Maternal age	0.01	0.04	0.01	0.00	0.30*	0.06*	0.08*	0.15*	0.02	0.02	0.35*	1.00																									
Late talker	-0.05	-0.03	0.00	-0.02	0.11*	0.11*	-0.08*	0.10*	0.03	-0.07*	0.06*	0.05*	1.00																								
Receptive 4 y	0.15*	-0.01	0.02	0.05*	-0.07*	0.22*	0.22*	-0.11*	-0.04	0.35*	0.10*	-0.32*	1.00																								
Expressive 4 y	0.10*	-0.02	0.01	0.05*	-0.12*	-0.27*	0.21*	0.23*	-0.13*	-0.05*	0.30*	0.10*	0.73*	1.00																							
Receptive 5 y	0.17*	-0.04	-0.02	0.05	-0.07*	0.10*	0.16*	0.18*	-0.11*	0.02	0.19*	0.11*	0.82*	0.71*	1.00																						
Expressive 5 y	0.12*	-0.06	-0.04	0.06	-0.06*	-0.14*	0.18*	0.15*	-0.11*	-0.03	0.27*	0.08*	0.77*	0.68*	0.77*	1.00																					
Receptive 7 y	0.14*	-0.05	-0.02	0.05	-0.10*	-0.04	0.13*	0.08*	-0.09*	0.00	0.13*	0.05	0.28*	0.39*	0.54*	0.52*	1.00																				
Expressive 7 y	0.07*	-0.09*	-0.03	0.07*	-0.16*	-0.03	0.21*	0.15*	-0.08*	0.00	0.30*	0.07*	0.34*	0.62*	0.75*	0.86*	1.00																				
Receptive 11 y	0.00	-0.05	-0.04	0.05	-0.13*	-0.01	0.16*	0.03	-0.08*	-0.04	0.14*	0.07*	0.53*	0.53*	0.57*	0.86*	1.00																				
Expressive 11 y	0.06	-0.10*	-0.05	0.06	-0.14*	-0.01	0.21*	0.06	-0.10*	-0.02	0.16*	0.07*	0.58*	0.68*	0.77*	1.00																					
Numeracy G3	-0.17*	-0.05	-0.04	0.12*	-0.09*	0.05	0.16*	0.09*	-0.06	0.03	0.11*	0.05	0.41*	0.43*	0.46*	0.51*	0.50*	1.00																			
Numeracy G5	-0.18*	-0.04	-0.06	0.13*	-0.09*	0.05	0.19*	0.10*	-0.07	-0.02	0.10*	0.07	0.40*	0.33*	0.46*	0.51*	0.50*	0.77*	1.00																		
Numeracy G7	-0.16*	-0.05	-0.05	0.17*	-0.07	0.08*	0.23*	0.10*	-0.06	0.00	0.11*	0.12*	0.10*	0.41*	0.34*	0.47*	0.43*	0.55*	0.52*	0.79*	0.63*	1.00															
Writing G3	0.19*	0.01	-0.01	-0.02	-0.07	0.02	0.17*	0.11*	-0.06	0.05	0.02	0.05	0.21*	0.32*	0.33*	0.30*	0.33*	0.39*	0.36*	0.47*	0.41*	0.44*	1.00														
Writing G5	0.14*	-0.01	-0.01	-0.04	-0.07	0.04	0.11*	0.09*	-0.07*	-0.02	0.04	0.05	0.16*	0.33*	0.31*	0.33*	0.32*	0.30*	0.35*	0.40*	0.39*	0.42*	0.39*	0.42*	0.39*	0.42*	0.47*	1.00									
Writing G7	0.19*	0.01	-0.06	0.00	-0.11*	0.06	0.11*	0.10*	-0.05	0.01	0.08*	0.12*	-0.15*	0.31*	0.33*	0.38*	0.32*	0.35*	0.42*	0.45*	0.42*	0.40*	0.41*	0.41*	0.41*	0.41*	0.51*	1.00									
Grammar G3	0.06	-0.02	-0.04	0.06	-0.15*	0.04	0.15*	0.11*	-0.10*	-0.03	0.10*	0.07	0.12*	0.43*	0.41*	0.47*	0.45*	0.53*	0.54*	0.66*	0.57*	0.60*	0.52*	0.48*	0.54*	0.48*	0.54*	1.00									
Grammar G5	0.03	-0.05	-0.05	0.06	-0.13*	0.01	0.14*	0.11*	-0.09*	-0.04	0.13*	0.08*	-0.15*	0.43*	0.41*	0.43*	0.45*	0.53*	0.57*	0.65*	0.63*	0.65*	0.48*	0.51*	0.52*	0.61*	0.52*	0.81*	1.00								
Grammar G7	0.06	0.01	-0.08*	0.08*	-0.09*	0.09	0.18*	0.08*	-0.08*	0.03	0.12*	0.13*	-0.11*	0.38*	0.37*	0.44*	0.42*	0.46*	0.54*	0.58*	0.59*	0.58*	0.48*	0.58*	0.61*	0.48*	0.59*	0.68*	0.71*	1.00							
Spelling G3	0.04	-0.05	-0.02	0.04	-0.10*	0.06	0.14*	0.13*	-0.08*	-0.02	0.10*	0.06	-0.12*	0.28*	0.27*	0.28*	0.30*	0.32*	0.43*	0.43*	0.50*	0.50*	0.58*	0.58*	0.58*	0.58*	0.67*	0.68*	0.67*	1.00							
Spelling G5	0.03	-0.04	-0.03	0.06	-0.07	0.04	0.09*	0.11*	-0.10*	-0.03	0.10*	0.07*	0.14*	0.28*	0.30*	0.34*	0.34*	0.35*	0.41*	0.46*	0.45*	0.56*	0.52*	0.55*	0.54*	0.55*	0.64*	0.65*	0.68*	0.68*	1.00						
Spelling G7	0.02	-0.02	-0.05	0.06	-0.06	0.10*	0.07	0.09*	-0.01	0.12*	0.06	-0.11*	0.27*	0.30*	0.33*	0.34*	0.35*	0.40*	0.45*	0.52*	0.46*	0.55*	0.51*	0.58*	0.58*	0.58*	0.65*	0.65*	0.67*	0.73*	0.81*	1.00					
Reading G3	-0.02	-0.05	-0.02	0.04	-0.18*	-0.03	0.19*	0.14*	-0.08*	0.01	0.16*	0.10*	0.14*	0.48*	0.51*	0.48*	0.52*	0.47*	0.58*	0.61*	0.63*	0.61*	0.63*	0.64*	0.44*	0.49*	0.69*	0.67*	0.61*	0.63*	0.81*	0.98*	1.00				
Reading G5	0.00	-0.04	-0.03	0.04	-0.14*	-0.04	0.16*	0.14*	-0.05	-0.02	0.16*	0.14*	-0.15*	0.48*	0.51*	0.48*	0.52*	0.47*	0.58*	0.61*	0.63*	0.61*	0.63*	0.64*	0.44*	0.49*	0.69*	0.67*	0.61*	0.63*	0.81*	0.98*	1.00				
Reading G7	0.01	-0.04	-0.03	0.07	-0.12	-0.01	0.18*	0.12*	-0.04	-0.01	0.18*	0.12*	-0.12*	0.45*	0.48*	0.49*	0.51*	0.46*	0.56*	0.64*	0.65*	0.64*	0.65*	0.64*	0.44*	0.49*	0.69*	0.67*	0.61*	0.63*	0.81*	0.98*	1.00				

(1) Sex, (2) twin birth, (3) preterm birth (<36 weeks), (4) birth wt (per kg), (5) birth order, (6) NESS, (7) maternal education level, (8) SEIFA score, (9) family history of speech and/or language difficulties, (10) maternal mental health symptoms, (11) maternal vocabulary score, (12) maternal age, (13) late talker, (14) receptive language age 4, (15) expressive language age 4, (16) receptive language age 5, (17) expressive language age 5, (18) receptive language age 7, (19) expressive language age 7, (20) receptive language age 11, (21) expressive language age 11, (22) numeracy grade 3, (23) numeracy grade 5, (24) numeracy grade 7, (25) writing grade 3, (26) writing grade 5, (27) writing grade 7, (28) grammar and punctuation grade 3, (29) grammar and punctuation grade 5, (30) grammar and punctuation grade 7, (31) spelling grade 3, (32) spelling grade 5, (33) spelling grade 7, (34) reading grade 3, (35) reading grade 5, and (36) reading grade 7. G, grade; —, not applicable.

* Correlations significant at $P < .05$.