

Supplemental Online Material Table 4.

Regression tables predicting play behaviors from second semester gestational A⁴ levels

		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ	
Initiate Play	Intercept Model 1	2.00	1.52		1.31	0.20	[-1.14, 5.13]	0.05	0.00	-0.04	2.48	0.00	0.06	1, 25	0.81	
	Number of play partners present	0.07	0.28	0.05	0.25	0.81	[-0.52, 0.66]									
	Intercept Model 2	1.42	1.55		0.92	0.37	[-1.78, 4.61]	0.28	0.08	0.00	2.44	0.08	1.98	1, 24	0.17	
	Number of play partners present	0.18	0.29	0.13	0.62	0.54	[-0.42, 0.78]									
	Sex	0.69	0.49	0.29	1.41	0.17	[-0.32, 1.7]									
	Intercept Model 3	1.56	1.59		0.98	0.34	[-1.74, 4.86]	0.30	0.09	-0.03	2.47	0.01	0.27	1, 23	0.61	
	Number of play partners present	0.15	0.30	0.11	0.51	0.61	[-0.47, 0.77]									
	Sex	0.63	0.51	0.26	1.25	0.22	[-0.42, 1.68]									
	Second semester gestational A ⁴	-0.03	0.06	-0.11	-0.52	0.61	[-0.16, 0.1]									
	Intercept Model 4	1.64	1.70		0.96	0.35	[-1.89, 5.16]	0.30	0.09	-0.07	2.53	0.00	0.03	1, 22	0.87	
	Number of play partners present	0.14	0.31	0.10	0.44	0.66	[-0.51, 0.79]									
	Sex	0.63	0.52	0.26	1.21	0.24	[-0.45, 1.7]									
	Second semester gestational A ⁴	-0.03	0.06	-0.11	-0.52	0.61	[-0.17, 0.1]									
	Sex * gestational A ⁴ interaction	0.01	0.06	0.03	0.17	0.87	[-0.13, 0.15]									
	Receive Play	Intercept Model 1	-0.54	0.72		-0.74	0.46	[-2.04, 0.96]	0.59	0.35	0.33	1.18	0.35	13.54	1, 25	0.00
		Number of play partners present	0.50	0.13	0.59	3.68	0.00	[0.22, 0.78]								
Intercept Model 2		-0.34	0.75		-0.46	0.65	[-1.9, 1.21]	0.61	0.38	0.32	1.19	0.02	0.94	1, 24	0.34	
Number of play partners present		0.46	0.14	0.55	3.28	0.00	[0.18, 0.75]									
Sex		-0.23	0.24	-0.16	-0.97	0.34	[-0.72, 0.26]									
Intercept Model 3		-0.13	0.73		-0.18	0.86	[-1.65, 1.39]	0.67	0.45	0.38	1.14	0.08	3.16	1, 23	0.09	
Number of play partners present		0.42	0.14	0.50	3.07	0.01	[0.14, 0.7]									
Sex		-0.31	0.23	-0.22	-1.35	0.19	[-0.8, 0.17]									
Second semester gestational A ⁴		-0.05	0.03	-0.28	-1.78	0.09	[-0.11, 0.01]									
Intercept Model 4		-0.16	0.78		-0.21	0.84	[-1.78, 1.46]	0.67	0.45	0.35	1.16	0.00	0.03	1, 22	0.87	
Number of play partners present		0.42	0.14	0.51	2.95	0.01	[0.13, 0.73]									
Sex		-0.31	0.24	-0.22	-1.30	0.21	[-0.81, 0.19]									
Second semester gestational A ⁴		-0.05	0.03	-0.28	-1.73	0.10	[-0.12, 0.02]									
Sex * gestational A ⁴ interaction		0.00	0.03	-0.03	-0.16	0.87	[-0.07, 0.06]									
Overall Play		Intercept Model 1	1.02	1.54		0.66	0.52	[-2.17, 4.2]	0.38	0.14	0.11	2.52	0.14	4.09	1, 25	0.05
		Number of play partners present	0.58	0.29	0.38	2.02	0.05	[-0.02, 1.18]								
	Intercept Model 2	0.73	1.62		0.45	0.66	[-2.62, 4.07]	0.40	0.16	0.09	2.55	0.02	0.46	1, 24	0.50	
	Number of play partners present	0.64	0.30	0.41	2.11	0.05	[0.02, 1.26]									
	Sex	0.35	0.51	0.13	0.68	0.50	[-0.71, 1.4]									
	Intercept Model 3	1.05	1.63		0.64	0.53	[-2.33, 4.42]	0.45	0.21	0.10	2.53	0.05	1.40	1, 23	0.25	
	Number of play partners present	0.57	0.30	0.37	1.89	0.07	[-0.06, 1.21]									
	Sex	0.22	0.52	0.08	0.43	0.67	[-0.85, 1.29]									
	Second semester gestational A ⁴	-0.07	0.06	-0.23	-1.18	0.25	[-0.21, 0.06]									
	Intercept Model 4	1.05	1.74		0.61	0.55	[-2.55, 4.66]	0.45	0.21	0.06	2.59	0.00	0.00	1, 22	0.99	
	Number of play partners present	0.57	0.32	0.37	1.79	0.09	[-0.1, 1.24]									
	Sex	0.22	0.53	0.08	0.42	0.68	[-0.88, 1.32]									
	Second semester gestational A ⁴	-0.07	0.06	-0.23	-1.16	0.26	[-0.21, 0.06]									
	Sex * gestational A ⁴ interaction	0.00	0.07	0.00	0.01	0.99	[-0.14, 0.14]									

Note : SE = standard error; 95% CI = 95% confidence interval; df = degrees of freedom

Regression tables predicting play behaviors from second semester gestational A⁴ levels continued

		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
Initiate Play Twin	Intercept Model 1	1.09	0.88		1.23	0.23	[-0.77, 2.96]	0.04	0.00	-0.05	1.24	0.00	0.03	1, 18	0.88
	Number of play partners present	0.03	0.16	0.04	0.16	0.88	[-0.32, 0.38]								
	Intercept Model 2	0.62	0.84		0.74	0.47	[-1.16, 2.39]	0.46	0.21	0.12	1.13	0.21	4.51	1, 17	0.05
	Number of play partners present	0.11	0.16	0.16	0.73	0.47	[-0.22, 0.45]								
	Sex	0.56	0.26	0.47	2.12	0.05	[0.01, 1.12]								
	Intercept Model 3	0.71	0.87		0.81	0.43	[-1.14, 2.55]	0.48	0.23	0.08	1.15	0.02	0.36	1, 16	0.56
	Number of play partners present	0.10	0.16	0.14	0.61	0.55	[-0.25, 0.45]								
	Sex	0.53	0.28	0.45	1.92	0.07	[-0.06, 1.12]								
	Second semester gestational A ⁴	-0.02	0.03	-0.14	-0.60	0.56	[-0.1, 0.06]								
	Intercept Model 4	0.69	0.93		0.74	0.47	[-1.3, 2.69]	0.48	0.23	0.02	1.19	0.00	0.00	1, 15	0.96
	Number of play partners present	0.10	0.17	0.14	0.58	0.57	[-0.27, 0.47]								
	Sex	0.53	0.29	0.45	1.85	0.08	[-0.08, 1.14]								
	Second semester gestational A ⁴	-0.02	0.03	-0.13	-0.58	0.57	[-0.1, 0.06]								
	Sex * gestational A ⁴ interaction	0.00	0.04	-0.01	-0.04	0.96	[-0.08, 0.08]								
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		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
ReceiveTwin	Intercept Model 1	1.02	0.75		1.35	0.19	[-0.57, 2.6]	0.03	0.00	-0.05	1.05	0.00	0.02	1, 18	0.89
	Number of play partners present	0.02	0.14	0.03	0.14	0.89	[-0.28, 0.32]								
	Intercept Model 2	1.35	0.74		1.82	0.09	[-0.22, 2.92]	0.39	0.15	0.05	1.00	0.15	2.95	1, 17	0.10
	Number of play partners present	-0.04	0.14	-0.07	-0.31	0.76	[-0.34, 0.25]								
	Sex	-0.40	0.23	-0.40	-1.72	0.10	[-0.9, 0.1]								
	Intercept Model 3	1.52	0.73		2.07	0.06	[-0.05, 3.08]	0.49	0.24	0.09	0.98	0.09	1.81	1, 16	0.20
	Number of play partners present	-0.08	0.14	-0.13	-0.55	0.59	[-0.37, 0.22]								
	Sex	-0.46	0.23	-0.46	-1.99	0.06	[-0.96, 0.03]								
	Second semester gestational A ⁴	-0.04	0.03	-0.30	-1.35	0.20	[-0.1, 0.03]								
	Intercept Model 4	1.53	0.79		1.93	0.07	[-0.16, 3.22]	0.49	0.24	0.03	1.01	0.00	0.00	1, 15	0.96
	Number of play partners present	-0.08	0.15	-0.13	-0.53	0.61	[-0.39, 0.24]								
	Sex	-0.47	0.24	-0.46	-1.93	0.07	[-0.99, 0.05]								
	Second semester gestational A ⁴	-0.04	0.03	-0.30	-1.30	0.21	[-0.11, 0.03]								
	Sex * gestational A ⁴ interaction	0.00	0.03	0.01	0.05	0.96	[-0.07, 0.07]								
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		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
Overall Play Twin	Intercept Model 1	2.06	0.94		2.19	0.04	[0.09, 4.05]	0.03	0.00	-0.05	1.32	0.00	0.01	1, 18	0.91
	Number of play partners present	0.02	0.18	0.03	0.12	0.91	[-0.35, 0.39]								
	Intercept Model 2	2.03	1.01		2.02	0.06	[-0.1, 4.16]	0.04	0.00	-0.12	1.36	0.00	0.02	1, 17	0.90
	Number of play partners present	0.03	0.19	0.04	0.15	0.89	[-0.37, 0.43]								
	Sex	0.04	0.32	0.03	0.13	0.90	[-0.63, 0.71]								
	Intercept Model 3	2.23	1.01		2.22	0.04	[0.1, 4.37]	0.29	0.08	-0.09	1.34	0.08	1.45	1, 16	0.25
	Number of play partners present	-0.01	0.19	-0.02	-0.06	0.95	[-0.41, 0.39]								
	Sex	-0.04	0.32	-0.03	-0.12	0.91	[-0.72, 0.64]								
	Second semester gestational A ⁴	-0.05	0.04	-0.30	-1.20	0.25	[-0.13, 0.04]								
	Intercept Model 4	2.27	1.08		2.10	0.05	[-0.04, 4.59]	0.29	0.09	-0.16	1.38	0.00	0.02	1, 15	0.89
	Number of play partners present	-0.02	0.20	-0.03	-0.09	0.93	[-0.45, 0.41]								
	Sex	-0.04	0.33	-0.03	-0.13	0.90	[-0.75, 0.67]								
	Second semester gestational A ⁴	-0.05	0.04	-0.30	-1.17	0.26	[-0.14, 0.04]								
	Sex * gestational A ⁴ interaction	0.01	0.04	0.04	0.15	0.89	[-0.09, 0.1]								

Note : SE = standard error; 95% CI = 95% confidence interval; df = degrees of freedom

Regression tables predicting play behaviors from second semester gestational A⁴ levels continued

		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ	
Initiate Play Sib	Intercept Model 1	1.05	1.36		0.77	0.45	[-1.78, 3.88]	0.14	0.02	-0.02	2.14	0.02	0.49	1, 23	0.49	
	Number of play partners present	0.18	0.25	0.14	0.70	0.49	[-0.35, 0.71]									
	Intercept Model 2	0.45	1.36		0.33	0.75	[-2.38, 3.28]	0.36	0.13	0.05	2.06	0.11	2.80	1, 22	0.11	
	Number of play partners present	0.29	0.25	0.24	1.15	0.26	[-0.24, 0.82]									
	Sex	0.72	0.43	0.35	1.67	0.11	[-0.18, 1.61]									
	Intercept Model 3	0.57	1.40		0.41	0.69	[-2.35, 3.5]	0.38	0.14	0.02	2.10	0.01	0.30	1, 21	0.59	
	Number of play partners present	0.27	0.26	0.22	1.02	0.32	[-0.28, 0.82]									
	Sex	0.67	0.45	0.32	1.50	0.15	[-0.26, 1.6]									
	Second semester gestational A ⁴	-0.03	0.05	-0.11	-0.55	0.59	[-0.15, 0.09]									
	Intercept Model 4	0.54	1.50		0.36	0.72	[-2.59, 3.68]	0.38	0.14	-0.03	2.15	0.00	0.01	1, 20	0.94	
	Number of play partners present	0.27	0.28	0.22	0.98	0.34	[-0.31, 0.85]									
	Sex	0.67	0.46	0.32	1.47	0.16	[-0.29, 1.63]									
	Second semester gestational A ⁴	-0.03	0.06	-0.11	-0.53	0.60	[-0.15, 0.09]									
	Sex * gestational A ⁴ interaction	0.00	0.06	-0.02	-0.07	0.94	[-0.13, 0.12]									
	ReceiveSib	Intercept Model 1	-1.25	1.00		-1.24	0.23	[-3.32, 0.83]	0.66	0.44	0.41	1.57	0.44	18.02	1, 23	0.00
		Number of play partners present	0.79	0.19	0.66	4.25	0.00	[0.41, 1.18]								
Intercept Model 2		-1.33	1.06		-1.26	0.22	[-3.54, 0.87]	0.67	0.44	0.39	1.61	0.00	0.10	1, 22	0.76	
Number of play partners present		0.81	0.20	0.68	4.09	0.00	[0.4, 1.22]									
Sex		0.10	0.33	0.05	0.31	0.76	[-0.59, 0.8]									
Intercept Model 3		-1.01	1.02		-1.00	0.33	[-3.13, 1.11]	0.72	0.52	0.46	1.52	0.08	3.62	1, 21	0.07	
Number of play partners present		0.75	0.19	0.62	3.94	0.00	[0.36, 1.14]									
Sex		-0.02	0.32	-0.01	-0.06	0.95	[-0.7, 0.65]									
Second semester gestational A ⁴		-0.07	0.04	-0.29	-1.90	0.07	[-0.16, 0.01]									
Intercept Model 4		-1.06	1.08		-0.98	0.34	[-3.33, 1.21]	0.72	0.52	0.43	1.55	0.00	0.03	1, 20	0.87	
Number of play partners present		0.75	0.20	0.63	3.77	0.00	[0.34, 1.18]									
Sex		-0.02	0.33	-0.01	-0.05	0.96	[-0.71, 0.68]									
Second semester gestational A ⁴		-0.07	0.04	-0.29	-1.85	0.08	[-0.16, 0.01]									
Sex * gestational A ⁴ interaction		-0.01	0.04	-0.03	-0.16	0.87	[-0.1, 0.08]									
Overall Play Sib		Intercept Model 1	0.38	1.90		0.20	0.85	[-3.56, 4.31]	0.48	0.23	0.19	2.98	0.23	6.79	1, 23	0.02
		Number of play partners present	0.92	0.35	0.48	2.61	0.02	[0.19, 1.66]								
	Intercept Model 2	-0.27	1.95		-0.14	0.89	[-4.31, 3.77]	0.53	0.28	0.21	2.95	0.05	1.57	1, 22	0.22	
	Number of play partners present	1.04	0.36	0.54	2.88	0.01	[0.3, 1.8]									
	Sex	0.77	0.61	0.24	1.25	0.22	[-0.51, 2.04]									
	Intercept Model 3	0.17	1.94		0.09	0.93	[-3.87, 4.2]	0.58	0.34	0.24	2.89	0.06	1.85	1, 21	0.19	
	Number of play partners present	0.96	0.36	0.50	2.65	0.01	[0.21, 1.71]									
	Sex	0.60	0.61	0.18	0.97	0.34	[-0.69, 1.88]									
	Second semester gestational A ⁴	-0.10	0.08	-0.25	-1.36	0.19	[-0.26, 0.06]									
	Intercept Model 4	0.16	2.07		0.08	0.94	[-4.16, 4.48]	0.58	0.34	0.21	2.96	0.00	0.00	1, 20	0.99	
	Number of play partners present	0.96	0.38	0.50	2.51	0.02	[0.17, 1.76]									
	Sex	0.60	0.63	0.18	0.95	0.36	[-0.73, 1.92]									
	Second semester gestational A ⁴	-0.10	0.08	-0.25	-1.33	0.20	[-0.27, 0.06]									
	Sex * gestational A ⁴ interaction	0.00	0.08	0.00	-0.01	0.99	[-0.17, 0.17]									

Note : SE = standard error; 95% CI = 95% confidence interval; df = degrees of freedom

Regression tables predicting play behaviors from second semester gestational A⁴ levels continued

		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ	
Initiate Play Mother	Intercept Model 1	0.55	0.21		2.67	0.01	[0.13, 0.98]	0.30	0.09	0.06	0.34	0.09	2.53	1, 25	0.12	
	Number of play partners present	-0.06	0.04	-0.30	-1.59	0.12	[-0.15, 0.02]									
	Intercept Model 2	0.48	0.21		2.26	0.03	[0.05, 0.92]	0.39	0.15	0.08	0.33	0.06	1.78	1, 24	0.19	
	Number of play partners present	-0.05	0.04	-0.23	-1.20	0.24	[-0.13, 0.04]									
	Sex	0.09	0.07	0.26	1.33	0.19	[-0.05, 0.23]									
	Intercept Model 3	0.41	0.20		2.03	0.05	[-0.01, 0.84]	0.52	0.27	0.17	0.32	0.11	3.52	1, 23	0.07	
	Number of play partners present	-0.03	0.04	-0.17	-0.92	0.37	[-0.12, 0.05]									
	Sex	0.11	0.06	0.33	1.75	0.09	[-0.03, 0.25]									
	Second semester gestational A ⁴	0.01	0.01	0.34	1.88	0.07	[-0.01, 0.04]									
	Intercept Model 4	0.54	0.20		2.75	0.01	[0.14, 0.95]	0.64	0.40	0.29	0.29	0.14	5.03	1, 22	0.04	
	Number of play partners present	-0.05	0.04	-0.27	-1.52	0.14	[-0.13, 0.03]									
	Sex	0.10	0.06	0.30	1.71	0.10	[-0.03, 0.23]									
	Second semester gestational A ⁴	0.01	0.01	0.32	1.90	0.07	[-0.01, 0.03]									
	Sex * gestational A ⁴ interaction	0.02	0.01	0.38	2.24	0.04	[0.01, 0.04]									
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			b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
ReceiveMother	Intercept Model 1	0.14	0.05		2.64	0.01	[0.04, 0.25]	0.33	0.11	0.07	0.08	0.11	3.05	1, 25	0.09	
	Number of play partners present	-0.02	0.01	-0.33	-1.75	0.09	[-0.04, 0.01]									
	Intercept Model 2	0.12	0.05		2.22	0.04	[0.01, 0.23]	0.43	0.18	0.11	0.08	0.07	2.15	1, 24	0.16	
	Number of play partners present	-0.01	0.01	-0.25	-1.33	0.20	[-0.04, 0.01]									
	Sex	0.02	0.02	0.28	1.47	0.16	[-0.01, 0.06]									
	Intercept Model 3	0.13	0.05		2.56	0.02	[0.03, 0.24]	0.52	0.27	0.18	0.08	0.09	2.92	1, 23	0.10	
	Number of play partners present	-0.02	0.01	-0.31	-1.66	0.11	[-0.04, 0.01]									
	Sex	0.02	0.02	0.22	1.14	0.26	[-0.02, 0.06]									
	Second semester gestational A ⁴	0.00	0.00	-0.31	-1.71	0.10	[-0.01, 0.01]									
	Intercept Model 4	0.13	0.05		2.40	0.03	[0.02, 0.25]	0.52	0.27	0.14	0.08	0.00	0.00	1, 22	0.99	
	Number of play partners present	-0.02	0.01	-0.31	-1.57	0.13	[-0.04, 0.01]									
	Sex	0.02	0.02	0.22	1.11	0.28	[-0.02, 0.06]									
	Second semester gestational A ⁴	0.00	0.00	-0.31	-1.67	0.11	[-0.01, 0.01]									
	Sex * gestational A ⁴ interaction	0.00	0.00	0.00	0.01	0.99	[-0.01, 0.01]									
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			b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
Overall Play Mother	Intercept Model 1	0.55	0.21		2.60	0.02	[0.12, 0.99]	0.28	0.08	0.04	0.34	0.08	2.12	1, 25	0.16	
	Number of play partners present	-0.06	0.04	-0.28	-1.46	0.16	[-0.14, 0.03]									
	Intercept Model 2	0.47	0.21		2.18	0.04	[0.03, 0.91]	0.39	0.15	0.08	0.34	0.07	2.10	1, 24	0.16	
	Number of play partners present	-0.04	0.04	-0.20	-1.05	0.31	[-0.13, 0.05]									
	Sex	0.10	0.07	0.28	1.45	0.16	[-0.05, 0.24]									
	Intercept Model 3	0.42	0.21		1.97	0.06	[-0.03, 0.87]	0.46	0.21	0.10	0.33	0.05	1.59	1, 23	0.22	
	Number of play partners present	-0.03	0.04	-0.16	-0.83	0.42	[-0.12, 0.05]									
	Sex	0.12	0.07	0.33	1.69	0.10	[-0.03, 0.26]									
	Second semester gestational A ⁴	0.01	0.01	0.24	1.26	0.22	[-0.01, 0.03]									
	Intercept Model 4	0.53	0.21		2.47	0.02	[0.09, 0.98]	0.55	0.31	0.18	0.32	0.10	3.15	1, 22	0.09	
	Number of play partners present	-0.05	0.04	-0.25	-1.27	0.22	[-0.14, 0.04]									
	Sex	0.11	0.07	0.31	1.62	0.12	[-0.03, 0.25]									
	Second semester gestational A ⁴	0.01	0.01	0.22	1.22	0.24	[-0.01, 0.03]									
	Sex * gestational A ⁴ interaction	0.01	0.01	0.33	1.78	0.09	[-0.01, 0.04]									

Note : SE = standard error; 95% CI = 95% confidence interval; df = degrees of freedom

Regression tables predicting play behaviors from second semester gestational A⁴ levels continued

		b	SE (b)	β	<i>t</i>	<i>p</i>	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ	
Initiate Play Father	Intercept Model 1	1.09	0.21		5.24	0.00	[0.67, 1.53]	0.64	0.42	0.39	0.34	0.42	17.76	1, 25	0.00	
	Number of play partners present	-0.16	0.04	-0.64	-4.21	0.00	[-0.25, -0.09]									
	Intercept Model 2	1.05	0.22		4.80	0.00	[0.6, 1.5]	0.66	0.43	0.38	0.34	0.01	0.62	1, 24	0.44	
	Number of play partners present	-0.15	0.04	-0.61	-3.82	0.00	[-0.24, -0.08]									
	Sex	0.05	0.07	0.13	0.78	0.44	[-0.09, 0.2]									
	Intercept Model 3	1.03	0.22		4.58	0.00	[0.57, 1.5]	0.66	0.44	0.36	0.35	0.01	0.27	1, 23	0.61	
	Number of play partners present	-0.15	0.04	-0.60	-3.62	0.00	[-0.24, -0.07]									
	Sex	0.06	0.07	0.14	0.86	0.40	[-0.09, 0.21]									
	Second semester gestational A ⁴	0.00	0.01	0.08	0.52	0.61	[-0.02, 0.03]									
	Intercept Model 4	1.07	0.24		4.54	0.00	[0.59, 1.57]	0.67	0.45	0.35	0.35	0.01	0.49	1, 22	0.49	
	Number of play partners present	-0.16	0.04	-0.63	-3.64	0.00	[-0.25, -0.07]									
	Sex	0.06	0.07	0.13	0.79	0.44	[-0.1, 0.21]									
	Second semester gestational A ⁴	0.00	0.01	0.08	0.48	0.64	[-0.02, 0.03]									
	Sex * gestational A ⁴ interaction	0.01	0.01	0.11	0.70	0.49	[-0.02, 0.03]									
	Receive Father	Intercept Model 1	0.16	0.06		2.78	0.01	[0.05, 0.29]	0.28	0.08	0.04	0.09	0.08	2.10	1, 25	0.16
		Number of play partners present	-0.02	0.01	-0.28	-1.45	0.16	[-0.04, 0.01]								
Intercept Model 2		0.17	0.06		2.81	0.01	[0.05, 0.3]	0.30	0.09	0.02	0.10	0.01	0.39	1, 24	0.54	
Number of play partners present		-0.02	0.01	-0.31	-1.55	0.13	[-0.05, 0.01]									
Sex		-0.01	0.02	-0.13	-0.62	0.54	[-0.06, 0.03]									
Intercept Model 3		0.18	0.06		2.89	0.01	[0.06, 0.31]	0.34	0.12	0.00	0.10	0.03	0.67	1, 23	0.42	
Number of play partners present		-0.02	0.01	-0.34	-1.65	0.11	[-0.05, 0.01]									
Sex		-0.02	0.02	-0.16	-0.77	0.45	[-0.06, 0.03]									
Second semester gestational A ⁴		0.00	0.00	-0.17	-0.82	0.42	[-0.01, 0.01]									
Intercept Model 4		0.18	0.07		2.72	0.01	[0.05, 0.32]	0.34	0.12	-0.04	0.10	0.00	0.00	1, 22	0.99	
Number of play partners present		-0.02	0.01	-0.34	-1.57	0.13	[-0.05, 0.01]									
Sex		-0.02	0.02	-0.16	-0.76	0.46	[-0.06, 0.03]									
Second semester gestational A ⁴		0.00	0.00	-0.17	-0.80	0.43	[-0.01, 0.01]									
Sex * gestational A ⁴ interaction		0.00	0.00	0.00	0.01	0.99	[-0.01, 0.01]									
Overall Play Father		Intercept Model 1	0.88	0.20		4.50	0.00	[0.48, 1.29]	0.57	0.32	0.29	0.32	0.32	11.77	1, 25	0.00
		Number of play partners present	-0.12	0.04	-0.57	-3.43	0.00	[-0.2, -0.05]								
	Intercept Model 2	0.87	0.21		4.19	0.00	[0.44, 1.3]	0.57	0.32	0.27	0.33	0.00	0.06	1, 24	0.81	
	Number of play partners present	-0.12	0.04	-0.55	-3.18	0.00	[-0.21, -0.05]									
	Sex	0.02	0.07	0.04	0.24	0.81	[-0.12, 0.16]									
	Intercept Model 3	0.89	0.21		4.17	0.00	[0.45, 1.33]	0.58	0.33	0.24	0.33	0.01	0.32	1, 23	0.57	
	Number of play partners present	-0.13	0.04	-0.57	-3.19	0.00	[-0.21, -0.05]									
	Sex	0.01	0.07	0.02	0.12	0.91	[-0.14, 0.15]									
	Second semester gestational A ⁴	0.00	0.01	-0.10	-0.57	0.57	[-0.03, 0.02]									
	Intercept Model 4	0.90	0.23		3.94	0.00	[0.43, 1.37]	0.58	0.33	0.21	0.34	0.00	0.01	1, 22	0.91	
	Number of play partners present	-0.13	0.04	-0.58	-3.05	0.01	[-0.22, -0.05]									
	Sex	0.01	0.07	0.02	0.10	0.92	[-0.14, 0.16]									
	Second semester gestational A ⁴	0.00	0.01	-0.10	-0.56	0.58	[-0.03, 0.02]									
	Sex * gestational A ⁴ interaction	0.00	0.01	0.02	0.12	0.91	[-0.02, 0.02]									

Note : SE = standard error; 95% CI = 95% confidence interval; df = degrees of freedom

Regression tables predicting play behaviors from second semester gestational A⁴ levels continued

		b	SE (b)	β	t	p	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ	
Initiate Play Male Sib	Intercept Model 1	1.24	0.40		3.12	0.01	[0.40, 2.06]	0.27	0.07	0.03	0.83	0.07	1.60	1, 21	0.22	
	Number of male siblings present	-0.37	0.30	-0.27	-1.27	0.22	[-1.00, 0.24]									
	Intercept Model 2	1.24	0.41		3.05	0.01	[0.40, 2.09]	0.27	0.07	-0.02	0.85	0.00	0.02	1, 20	0.89	
	Number of male siblings present	-0.37	0.30	-0.27	-1.23	0.23	[-1.00, 0.26]									
	Sex	0.03	0.18	0.03	0.14	0.89	[-0.30, 0.40]									
	Intercept Model 3	2.16	0.52		4.19	0.00	[1.10, 3.24]	0.55	0.30	0.19	0.75	0.23	6.29	1, 19	0.02	
	Number of male siblings present	-0.55	0.28	-0.39	-1.97	0.06	[-1.10, 0.03]									
	Sex	-0.11	0.17	-0.14	-0.68	0.51	[-0.50, 0.24]									
	Second semester gestational A ⁴	-0.06	0.02	-0.52	-2.51	0.02	[-0.10, -0.01]									
	Intercept Model 4	2.33	0.54		4.29	0.00	[1.20, 3.47]	0.58	0.34	0.19	0.75	0.04	0.97	1, 18	0.34	
	Number of male siblings present	-0.54	0.28	-0.38	-1.94	0.07	[-1.10, 0.05]									
	Sex	-0.19	0.18	-0.23	-1.02	0.32	[-0.60, 0.20]									
	Second semester gestational A ⁴	-0.08	0.03	-0.70	-2.54	0.02	[-0.20, -0.01]									
	Sex * gestational A ⁴ interaction	-0.03	0.03	-0.26	-0.99	0.34	[-0.10, 0.04]									
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			b	SE (b)	β	t	p	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
Receive Male Sib	Intercept Model 1	0.96	0.49		1.96	0.06	[-0.06, 1.99]	0.19	0.04	-0.01	1.23	0.04	0.81	1, 21	0.38	
	Number of male siblings present	0.35	0.39	0.19	0.90	0.38	[-0.47, 1.17]									
	Intercept Model 2	1.09	0.50		2.18	0.04	[0.05, 2.14]	0.31	0.10	0.00	1.23	0.06	1.29	1, 20	0.27	
	Number of male siblings present	0.24	0.40	0.13	0.61	0.55	[-0.6, 1.09]									
	Sex	-0.30	0.26	-0.25	-1.13	0.27	[-0.86, 0.26]									
	Intercept Model 3	1.18	0.49		2.38	0.03	[0.14, 2.22]	0.41	0.17	0.04	1.21	0.08	1.72	1, 19	0.21	
	Number of male siblings present	0.16	0.40	0.09	0.41	0.68	[-0.68, 1]									
	Sex	-0.37	0.26	-0.30	-1.39	0.18	[-0.93, 0.19]									
	Second semester gestational A ⁴	-0.04	0.03	-0.28	-1.31	0.21	[-0.12, 0.03]									
	Intercept Model 4	1.32	0.49		2.67	0.02	[0.29, 2.35]	0.50	0.25	0.09	1.17	0.08	2.01	1, 18	0.17	
	Number of male siblings present	0.09	0.39	0.05	0.22	0.82	[-0.74, 0.92]									
	Sex	-0.38	0.26	-0.32	-1.48	0.15	[-0.93, 0.16]									
	Second semester gestational A ⁴	-0.04	0.03	-0.29	-1.39	0.18	[-0.12, 0.03]									
	Sex * gestational A ⁴ interaction	0.04	0.03	0.29	1.42	0.17	[-0.03, 0.12]									
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			b	SE (b)	β	t	p	95% CI	R	R²	Adjusted R²	SE (estimate)	R² Δ	F Δ	df	Sig. F Δ
Overall Play Male Sib	Intercept Model 1	2.16	0.77		2.79	0.01	[0.56, 3.78]	0.01	0.00	-0.05	1.95	0.00	0.00	1, 21	0.96	
	Number of male siblings present	-0.04	0.62	-0.01	-0.06	0.96	[-1.33, 1.26]									
	Intercept Model 2	2.30	0.80		2.86	0.01	[0.63, 3.98]	0.16	0.03	-0.07	1.97	0.03	0.55	1, 20	0.47	
	Number of male siblings present	-0.15	0.65	-0.05	-0.23	0.82	[-1.5, 1.2]									
	Sex	-0.31	0.43	-0.17	-0.74	0.47	[-1.21, 0.58]									
	Intercept Model 3	2.48	0.77		3.21	0.00	[0.86, 4.1]	0.40	0.16	0.03	1.88	0.13	3.03	1, 19	0.10	
	Number of male siblings present	-0.31	0.62	-0.11	-0.50	0.62	[-1.62, 0.99]									
	Sex	-0.45	0.41	-0.24	-1.10	0.29	[-1.32, 0.42]									
	Second semester gestational A ⁴	-0.09	0.05	-0.38	-1.74	0.10	[-0.2, 0.02]									
	Intercept Model 4	2.68	0.77		3.48	0.00	[1.07, 4.31]	0.49	0.24	0.07	1.84	0.08	1.83	1, 18	0.19	
	Number of male siblings present	-0.43	0.62	-0.15	-0.70	0.50	[-1.72, 0.87]									
	Sex	-0.48	0.40	-0.26	-1.18	0.25	[-1.33, 0.38]									
	Second semester gestational A ⁴	-0.09	0.05	-0.38	-1.82	0.09	[-0.2, 0.02]									
	Sex * gestational A ⁴ interaction	0.07	0.05	0.28	1.35	0.19										

Note : SE = standard error; 95% CI = 95% confidence interval; df = degrees of freedom