

Supplemental Online Material Table 3.

Regression tables predicting play behaviors from first 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	2.40	0.62	0.00	3.84	0.00	[1.11, 3.69]	0.23	0.05	0.01	0.98	0.05	1.25	1, 23	0.28
	Number of play partners present	-0.13	0.12	-0.23	-1.12	0.28	[-0.37, 0.11]								
	Intercept Model 2	1.92	0.54	0.00	3.55	0.00	[0.8, 3.05]	0.61	0.37	0.31	0.82	0.31	10.91	1, 22	0.00
	Number of play partners present	-0.04	0.10	-0.07	-0.41	0.69	[-0.25, 0.17]								
	Sex	0.56	0.17	0.58	3.30	0.00	[0.21, 0.92]								
	Intercept Model 3	1.86	0.53	0.00	3.51	0.00	[0.76, 2.96]	0.65	0.42	0.34	0.80	0.06	2.05	1, 21	0.17
	Number of play partners present	-0.03	0.10	-0.05	-0.30	0.77	[-0.23, 0.18]								
	Sex	0.63	0.17	0.65	3.64	0.00	[0.27, 0.99]								
	First semester gestational A4	0.06	0.04	0.25	1.43	0.17	[-0.03, 0.14]								
	Intercept Model 4	1.96	0.59	0.00	3.30	0.00	[0.72, 3.2]	0.65	0.43	0.31	0.82	0.00	0.16	1, 20	0.69
	Number of play partners present	-0.05	0.11	-0.08	-0.42	0.68	[-0.27, 0.18]								
	Sex	0.62	0.18	0.64	3.49	0.00	[0.25, 0.99]								
	Sex * gestational A ⁴ interaction	0.02	0.04	0.07	0.41	0.69	[-0.07, 0.11]								
	Receive Play	Intercept Model 1	-0.54	0.72	0.00	-0.74	0.46	[-2.03, 0.95]	0.59	0.35	0.33	1.18	0.35	13.54	1, 25
Number of play partners present		0.50	0.13	0.59	3.68	0.00	[0.22, 0.77]								
Intercept Model 2		-0.34	0.75	0.00	-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	[0.17, 0.75]								
Sex		-0.23	0.24	-0.16	-0.97	0.34	[-0.72, 0.26]								
Intercept Model 3		-0.30	0.76	0.00	-0.40	0.69	[-1.88, 1.28]	0.62	0.39	0.31	1.20	0.01	0.45	1, 23	0.51
Number of play partners present		0.45	0.14	0.54	3.18	0.00	[0.16, 0.75]								
Sex		-0.27	0.25	-0.19	-1.10	0.28	[-0.79, 0.24]								
First semester gestational A4		-0.04	0.06	-0.11	-0.67	0.51	[-0.16, 0.08]								
Intercept Model 4		-0.38	0.86	0.00	-0.44	0.66	[-2.15, 1.4]	0.62	0.39	0.28	1.23	0.00	0.04	1, 22	0.84
Number of play partners present		0.46	0.16	0.55	2.98	0.01	[0.14, 0.79]								
Sex		-0.27	0.26	-0.19	-1.04	0.31	[-0.8, 0.26]								
Sex * gestational A ⁴ interaction		-0.01	0.06	-0.04	-0.21	0.84	[-0.15, 0.12]								
Overall Play		Intercept Model 1	1.29	0.84	0.00	1.53	0.14	[-0.45, 3.02]	0.48	0.23	0.19	1.32	0.23	6.75	1, 23
	Number of play partners present	0.41	0.16	0.48	2.60	0.02	[0.08, 0.73]								
	Intercept Model 2	0.98	0.86	0.00	1.14	0.27	[-0.8, 2.75]	0.54	0.29	0.22	1.29	0.06	1.86	1, 22	0.19
	Number of play partners present	0.46	0.16	0.54	2.91	0.01	[0.13, 0.79]								
	Sex	0.37	0.27	0.25	1.36	0.19	[-0.19, 0.93]								
	Intercept Model 3	0.94	0.87	0.00	1.08	0.29	[-0.88, 2.75]	0.55	0.30	0.20	1.32	0.01	0.30	1, 21	0.59
	Number of play partners present	0.47	0.16	0.55	2.90	0.01	[0.13, 0.81]								
	Sex	0.41	0.28	0.28	1.44	0.16	[-0.18, 1]								
	First semester gestational A4	0.04	0.07	0.10	0.55	0.59	[-0.1, 0.17]								
	Intercept Model 4	0.84	0.98	0.00	0.86	0.40	[-1.2, 2.89]	0.55	0.30	0.16	1.35	0.00	0.05	1, 20	0.82
	Number of play partners present	0.49	0.18	0.57	2.73	0.01	[0.11, 0.86]								
	Sex	0.42	0.29	0.29	1.42	0.17	[-0.19, 1.03]								
	First semester gestational A4	0.04	0.07	0.11	0.55	0.59	[-0.1, 0.18]								
	Sex * gestational A ⁴ interaction	-0.02	0.07	-0.05	-0.23	0.82	[-0.17, 0.14]								

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

Regression tables predicting play behaviors from first 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	0.00	1.23	0.23	[-0.77, 2.95]	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, 0.37]								
	Intercept Model 2	0.62	0.84	0.00	0.74	0.47	[-1.15, 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	[-0.21, 0.44]								
	Sex	0.56	0.26	0.47	2.12	0.05	[0, 1.12]								
	Intercept Model 3	0.62	0.87	0.00	0.72	0.48	[-1.22, 2.46]	0.46	0.21	0.06	1.17	0.00	0.00	1, 16	0.97
	Number of play partners present	0.11	0.16	0.16	0.71	0.49	[-0.23, 0.46]								
	Sex	0.56	0.28	0.47	1.98	0.07	[-0.04, 1.16]								
	First semester gestational A4	0.00	0.07	-0.01	-0.03	0.97	[-0.14, 0.14]								
	Intercept Model 4	0.67	0.98	0.00	0.68	0.51	[-1.43, 2.77]	0.46	0.21	0.00	1.20	0.00	0.01	1, 15	0.91
	Number of play partners present	0.11	0.18	0.15	0.60	0.56	[-0.27, 0.49]								
	Sex	0.56	0.29	0.47	1.89	0.08	[-0.07, 1.18]								
	First semester gestational A4	0.00	0.07	-0.01	-0.04	0.97	[-0.15, 0.14]								
	Sex * gestational A ⁴ interaction	0.01	0.07	0.03	0.12	0.91	[-0.15, 0.16]								
		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	1.06	0.45	0.00	2.38	0.03	[0.12, 2.01]	0.08	0.01	-0.05	0.61	0.01	0.10	1, 17	0.75
	Number of play partners present	-0.03	0.08	-0.08	-0.32	0.75	[-0.2, 0.15]								
	Intercept Model 2	1.27	0.44	0.00	2.92	0.01	[0.35, 2.19]	0.42	0.18	0.07	0.57	0.17	3.30	1, 16	0.09
	Number of play partners present	-0.07	0.08	-0.19	-0.81	0.43	[-0.24, 0.11]								
	Sex	-0.25	0.14	-0.43	-1.82	0.09	[-0.54, 0.04]								
	Intercept Model 3	1.30	0.44	0.00	2.92	0.01	[0.35, 2.24]	0.45	0.20	0.04	0.58	0.02	0.47	1, 15	0.50
	Number of play partners present	-0.07	0.08	-0.20	-0.85	0.41	[-0.25, 0.11]								
	Sex	-0.28	0.14	-0.47	-1.90	0.08	[-0.58, 0.03]								
	First semester gestational A4	-0.02	0.03	-0.16	-0.68	0.50	[-0.1, 0.05]								
	Intercept Model 4	1.03	0.47	0.00	2.17	0.05	[0.01, 2.04]	0.54	0.30	0.09	0.56	0.09	1.88	1, 14	0.19
	Number of play partners present	-0.03	0.09	-0.08	-0.32	0.75	[-0.21, 0.16]								
	Sex	-0.25	0.14	-0.43	-1.78	0.10	[-0.56, 0.05]								
	First semester gestational A4	-0.02	0.03	-0.15	-0.65	0.52	[-0.09, 0.05]								
	Sex * gestational A ⁴ interaction	-0.05	0.04	-0.33	-1.37	0.19	[-0.12, 0.03]								
		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	2.17	0.45	0.00	4.82	0.00	[1.22, 3.13]	0.21	0.05	-0.01	0.60	0.05	0.76	1, 16	0.40
	Number of play partners present	-0.07	0.08	-0.21	-0.87	0.40	[-0.25, 0.1]								
	Intercept Model 2	2.16	0.48	0.00	4.47	0.00	[1.13, 3.19]	0.22	0.05	-0.08	0.62	0.00	0.01	1, 15	0.91
	Number of play partners present	-0.07	0.09	-0.20	-0.78	0.45	[-0.26, 0.12]								
	Sex	0.02	0.15	0.03	0.11	0.91	[-0.31, 0.34]								
	Intercept Model 3	2.16	0.50	0.00	4.31	0.00	[1.08, 3.23]	0.22	0.05	-0.16	0.64	0.00	0.00	1, 14	0.96
	Number of play partners present	-0.07	0.09	-0.21	-0.76	0.46	[-0.27, 0.13]								
	Sex	0.02	0.16	0.03	0.09	0.93	[-0.33, 0.37]								
	First semester gestational A4	0.00	0.04	-0.01	-0.05	0.96	[-0.08, 0.08]								
	Intercept Model 4	2.04	0.57	0.00	3.61	0.00	[0.82, 3.27]	0.25	0.06	-0.22	0.66	0.02	0.24	1, 13	0.63
	Number of play partners present	-0.05	0.10	-0.15	-0.51	0.62	[-0.27, 0.17]								
	Sex	0.02	0.17	0.04	0.15	0.89	[-0.34, 0.39]								
	First semester gestational A4	0.00	0.04	-0.01	-0.03	0.97	[-0.09, 0.08]								
	Sex * gestational A ⁴ interaction	-0.02	0.04	-0.14	-0.49	0.63	[-0.11, 0.07]								

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

Regression tables predicting play behaviors from first 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	1.20	0.62	0.00	1.94	0.07	[-0.09, 2.49]	0.08	0.01	-0.04	0.93	0.01	0.13	1, 21	0.72
	Number of play partners present	0.04	0.12	0.08	0.37	0.72	[-0.2, 0.28]								
	Intercept Model 2	0.76	0.54	0.00	1.40	0.18	[-0.37, 1.9]	0.57	0.32	0.26	0.79	0.32	9.35	1, 20	0.01
	Number of play partners present	0.12	0.10	0.24	1.23	0.23	[-0.09, 0.34]								
	Sex	0.52	0.17	0.58	3.06	0.01	[0.17, 0.88]								
	Intercept Model 3	0.69	0.53	0.00	1.32	0.20	[-0.41, 1.79]	0.64	0.40	0.31	0.76	0.08	2.57	1, 19	0.13
	Number of play partners present	0.14	0.10	0.26	1.41	0.18	[-0.07, 0.34]								
	Sex	0.60	0.17	0.66	3.49	0.00	[0.24, 0.95]								
	First semester gestational A4	0.06	0.04	0.29	1.60	0.13	[-0.02, 0.15]								
	Intercept Model 4	0.75	0.59	0.00	1.27	0.22	[-0.49, 1.99]	0.64	0.41	0.27	0.78	0.00	0.05	1, 18	0.82
	Number of play partners present	0.13	0.11	0.24	1.20	0.25	[-0.1, 0.35]								
	Sex	0.59	0.18	0.66	3.35	0.00	[0.22, 0.96]								
	First semester gestational A4	0.06	0.04	0.29	1.55	0.14	[-0.02, 0.15]								
	Sex * gestational A ⁴ interaction	0.01	0.04	0.05	0.23	0.82	[-0.08, 0.1]								
ReceiveSib	Intercept Model 1	-1.25	1.00	0.00	-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	0.00	-1.26	0.22	[-3.53, 0.86]	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	-1.24	1.06	0.00	-1.17	0.26	[-3.43, 0.96]	0.69	0.47	0.40	1.59	0.03	1.33	1, 21	0.26
	Number of play partners present	0.79	0.20	0.66	4.02	0.00	[0.38, 1.2]								
	Sex	0.00	0.34	0.00	0.00	1.00	[-0.71, 0.71]								
	First semester gestational A4	-0.09	0.08	-0.19	-1.15	0.26	[-0.26, 0.07]								
	Intercept Model 4	-1.49	1.18	0.00	-1.26	0.22	[-3.95, 0.97]	0.69	0.48	0.38	1.62	0.01	0.27	1, 20	0.61
	Number of play partners present	0.83	0.21	0.69	3.86	0.00	[0.38, 1.28]								
	Sex	0.02	0.35	0.01	0.06	0.95	[-0.71, 0.76]								
	First semester gestational A4	-0.09	0.08	-0.19	-1.11	0.28	[-0.26, 0.08]								
	Sex * gestational A ⁴ interaction	-0.05	0.09	-0.09	-0.52	0.61	[-0.23, 0.14]								
Overall Play Sib	Intercept Model 1	0.38	1.90	0.00	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, 1.65]								
	Intercept Model 2	-0.27	1.95	0.00	-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	[0.29, 1.79]								
	Sex	0.77	0.61	0.24	1.25	0.22	[-0.5, 2.04]								
	Intercept Model 3	-0.22	2.00	0.00	-0.11	0.91	[-4.37, 3.93]	0.53	0.28	0.18	3.01	0.00	0.08	1, 21	0.78
	Number of play partners present	1.03	0.37	0.54	2.78	0.01	[0.26, 1.8]								
	Sex	0.72	0.65	0.22	1.11	0.28	[-0.63, 2.07]								
	First semester gestational A4	-0.04	0.15	-0.06	-0.29	0.78	[-0.36, 0.27]								
	Intercept Model 4	-0.34	2.24	0.00	-0.15	0.88	[-5.02, 4.34]	0.53	0.28	0.14	3.09	0.00	0.01	1, 20	0.90
	Number of play partners present	1.05	0.41	0.54	2.58	0.02	[0.2, 1.9]								
	Sex	0.73	0.67	0.22	1.09	0.29	[-0.67, 2.12]								
	First semester gestational A4	-0.04	0.16	-0.05	-0.28	0.78	[-0.37, 0.28]								
	Sex * gestational A ⁴ interaction	-0.02	0.17	-0.02	-0.12	0.90	[-0.37, 0.33]								

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

Regression tables predicting play behaviors from first 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	0.00	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	[-0.14, 0.02]								
	Intercept Model 2	0.48	0.21	0.00	2.26	0.03	[0.04, 0.91]	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, 0.03]								
	Sex	0.09	0.07	0.26	1.33	0.19	[-0.05, 0.23]								
	Intercept Model 3	0.46	0.21	0.00	2.18	0.04	[0.02, 0.89]	0.47	0.22	0.12	0.33	0.06	1.87	1, 23	0.18
	Number of play partners present	-0.04	0.04	-0.21	-1.11	0.28	[-0.12, 0.04]								
	Sex	0.11	0.07	0.33	1.67	0.11	[-0.03, 0.25]								
	First semester gestational A4	0.02	0.02	0.26	1.37	0.18	[-0.01, 0.05]								
	Intercept Model 4	0.61	0.22	0.00	2.75	0.01	[0.15, 1.06]	0.55	0.31	0.18	0.32	0.09	2.78	1, 22	0.11
	Number of play partners present	-0.07	0.04	-0.33	-1.67	0.11	[-0.15, 0.02]								
	Sex	0.10	0.07	0.29	1.53	0.14	[-0.04, 0.24]								
	First semester gestational A4	0.02	0.02	0.25	1.36	0.19	[-0.01, 0.05]								
Sex * gestational A ⁴ interaction	0.03	0.02	0.32	1.67	0.11	[-0.01, 0.06]									
ReceiveMother	Intercept Model 1	0.05	0.02	0.00	1.97	0.06	[0, 0.1]	0.17	0.03	-0.01	0.04	0.03	0.72	1, 23	0.41
	Number of play partners present	0.00	0.00	-0.17	-0.85	0.41	[-0.01, 0.01]								
	Intercept Model 2	0.04	0.03	0.00	1.63	0.12	[-0.01, 0.09]	0.28	0.08	-0.01	0.04	0.05	1.09	1, 22	0.31
	Number of play partners present	0.00	0.00	-0.11	-0.54	0.60	[-0.01, 0.01]								
	Sex	0.01	0.01	0.22	1.04	0.31	[-0.01, 0.02]								
	Intercept Model 3	0.05	0.02	0.00	2.16	0.04	[0, 0.09]	0.60	0.36	0.27	0.03	0.29	9.48	1, 21	0.01
	Number of play partners present	0.00	0.00	-0.16	-0.88	0.39	[-0.01, 0]								
	Sex	0.00	0.01	0.07	0.37	0.71	[-0.01, 0.02]								
	First semester gestational A4	-0.01	0.00	-0.56	-3.08	0.01	[-0.01, 0]								
	Intercept Model 4	0.05	0.02	0.00	1.99	0.06	[0, 0.1]	0.60	0.36	0.24	0.03	0.00	0.03	1, 20	0.86
	Number of play partners present	0.00	0.00	-0.17	-0.87	0.40	[-0.01, 0.01]								
	Sex	0.00	0.01	0.07	0.34	0.74	[-0.01, 0.02]								
	First semester gestational A4	-0.01	0.00	-0.56	-3.01	0.01	[-0.01, 0]								
Sex * gestational A ⁴ interaction	0.00	0.00	0.03	0.17	0.86	[0, 0]									
Overall Play Mother	Intercept Model 1	0.55	0.21	0.00	2.60	0.02	[0.11, 0.98]	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, 0.02]								
	Intercept Model 2	0.47	0.21	0.00	2.18	0.04	[0.02, 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	[-0.12, 0.04]								
	Sex	0.10	0.07	0.28	1.45	0.16	[-0.04, 0.24]								
	Intercept Model 3	0.45	0.21	0.00	2.09	0.05	[0.01, 0.89]	0.43	0.19	0.08	0.34	0.04	1.02	1, 23	0.32
	Number of play partners present	-0.04	0.04	-0.19	-0.96	0.35	[-0.12, 0.04]								
	Sex	0.12	0.07	0.34	1.66	0.11	[-0.03, 0.26]								
	First semester gestational A4	0.02	0.02	0.20	1.01	0.32	[-0.02, 0.05]								
	Intercept Model 4	0.59	0.23	0.00	2.58	0.02	[0.12, 1.07]	0.51	0.26	0.13	0.33	0.08	2.27	1, 22	0.15
	Number of play partners present	-0.06	0.04	-0.30	-1.46	0.16	[-0.15, 0.03]								
	Sex	0.10	0.07	0.30	1.52	0.14	[-0.04, 0.25]								
	First semester gestational A4	0.02	0.02	0.19	0.98	0.34	[-0.02, 0.05]								
Sex * gestational A ⁴ interaction	0.03	0.02	0.30	1.51	0.15	[-0.01, 0.06]									

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

Regression tables predicting play behaviors from first 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	0.00	5.24	0.00	[0.66, 1.52]	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	[-0.24, -0.08]									
	Intercept Model 2	1.05	0.22	0.00	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, -0.07]									
	Sex	0.05	0.07	0.13	0.78	0.44	[-0.09, 0.2]									
	Intercept Model 3	1.05	0.22	0.00	4.68	0.00	[0.58, 1.51]	0.66	0.43	0.36	0.35	0.00	0.00	1, 23	0.95	
	Number of play partners present	-0.15	0.04	-0.61	-3.72	0.00	[-0.24, -0.07]									
	Sex	0.06	0.07	0.13	0.76	0.46	[-0.1, 0.21]									
	First semester gestational A4	0.00	0.02	0.01	0.06	0.95	[-0.03, 0.04]									
	Intercept Model 4	1.07	0.25	0.00	4.27	0.00	[0.55, 1.59]	0.66	0.43	0.33	0.36	0.00	0.05	1, 22	0.82	
	Number of play partners present	-0.16	0.05	-0.62	-3.48	0.00	[-0.25, -0.06]									
	Sex	0.05	0.07	0.12	0.71	0.49	[-0.1, 0.21]									
	First semester gestational A4	0.00	0.02	0.01	0.05	0.96	[-0.04, 0.04]									
	Sex * gestational A ⁴ interaction	0.00	0.02	0.04	0.23	0.82	[-0.03, 0.04]									
	Receive Father	Intercept Model 1	0.16	0.06	0.00	2.78	0.01	[0.04, 0.28]	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	0.00	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	[-0.04, 0.01]									
Sex		-0.01	0.02	-0.13	-0.62	0.54	[-0.05, 0.03]									
Intercept Model 3		0.17	0.06	0.00	2.73	0.01	[0.04, 0.3]	0.31	0.09	-0.02	0.10	0.00	0.05	1, 23	0.82	
Number of play partners present		-0.02	0.01	-0.31	-1.49	0.15	[-0.04, 0.01]									
Sex		-0.01	0.02	-0.11	-0.53	0.60	[-0.05, 0.03]									
First semester gestational A4		0.00	0.00	0.05	0.23	0.82	[-0.01, 0.01]									
Intercept Model 4		0.17	0.07	0.00	2.42	0.02	[0.02, 0.31]	0.31	0.09	-0.07	0.10	0.00	0.00	1, 22	0.99	
Number of play partners present		-0.02	0.01	-0.31	-1.36	0.19	[-0.04, 0.01]									
Sex		-0.01	0.02	-0.11	-0.51	0.61	[-0.05, 0.03]									
First semester gestational A4		0.00	0.00	0.05	0.22	0.82	[-0.01, 0.01]									
Sex * gestational A ⁴ interaction		0.00	0.01	0.00	-0.01	0.99	[-0.01, 0.01]									
Overall Play Father		Intercept Model 1	0.88	0.20	0.00	4.50	0.00	[0.48, 1.28]	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	0.00	4.19	0.00	[0.44, 1.29]	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	[-0.2, -0.04]									
	Sex	0.02	0.07	0.04	0.24	0.81	[-0.12, 0.15]									
	Intercept Model 3	0.87	0.21	0.00	4.11	0.00	[0.43, 1.31]	0.57	0.32	0.23	0.33	0.00	0.04	1, 23	0.85	
	Number of play partners present	-0.12	0.04	-0.56	-3.12	0.00	[-0.2, -0.04]									
	Sex	0.01	0.07	0.03	0.18	0.86	[-0.13, 0.15]									
	First semester gestational A4	0.00	0.02	-0.03	-0.19	0.85	[-0.04, 0.03]									
	Intercept Model 4	0.87	0.24	0.00	3.65	0.00	[0.38, 1.36]	0.57	0.32	0.20	0.34	0.00	0.00	1, 22	0.99	
	Number of play partners present	-0.12	0.04	-0.56	-2.84	0.01	[-0.21, -0.03]									
	Sex	0.01	0.07	0.03	0.17	0.86	[-0.14, 0.16]									
	First semester gestational A4	0.00	0.02	-0.03	-0.18	0.86	[-0.04, 0.03]									
	Sex * gestational A ⁴ interaction	0.00	0.02	0.00	-0.01	0.99	[-0.04, 0.04]									

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

Regression tables predicting play behaviors from first 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 Male Sib	Intercept Model 1	0.93	0.20	0.00	4.56	0.00	[0.5, 1.35]	0.34	0.12	0.07	0.50	0.12	2.62	1, 20	0.12
	Number of male siblings present	-0.26	0.16	-0.34	-1.62	0.12	[-0.6, 0.08]								
	Intercept Model 2	0.87	0.21	0.00	4.22	0.00	[0.44, 1.31]	0.42	0.17	0.09	0.50	0.06	1.35	1, 19	0.26
	Number of male siblings present	-0.22	0.17	-0.28	-1.31	0.21	[-0.57, 0.13]								
	Sex	0.13	0.11	0.25	1.16	0.26	[-0.1, 0.36]								
	Intercept Model 3	0.90	0.21	0.00	4.26	0.00	[0.46, 1.34]	0.45	0.20	0.07	0.50	0.03	0.68	1, 18	0.42
	Number of male siblings present	-0.24	0.17	-0.31	-1.41	0.18	[-0.6, 0.12]								
	Sex	0.10	0.12	0.20	0.87	0.39	[-0.14, 0.34]								
	First semester gestational A4	-0.02	0.03	-0.18	-0.82	0.42	[-0.08, 0.03]								
	Intercept Model 4	0.90	0.24	0.00	3.83	0.00	[0.4, 1.4]	0.45	0.20	0.02	0.52	0.00	0.00	1, 17	0.98
	Number of male siblings present	-0.24	0.18	-0.31	-1.31	0.21	[-0.63, 0.15]								
	Sex	0.10	0.12	0.20	0.84	0.41	[-0.15, 0.35]								
	First semester gestational A4	-0.02	0.03	-0.18	-0.80	0.43	[-0.08, 0.04]								
Sex * gestational A ⁴ interaction	0.00	0.03	0.00	0.02	0.98	[-0.06, 0.06]									
Receive Male Sib	Intercept Model 1	0.64	0.32	0.00	2.04	0.05	[-0.01, 1.3]	0.39	0.15	0.11	0.78	0.15	3.47	1, 20	0.08
	Number of male siblings present	0.47	0.25	0.38	1.86	0.08	[-0.06, 1]								
	Intercept Model 2	0.69	0.33	0.00	2.09	0.05	[0, 1.38]	0.41	0.16	0.08	0.79	0.02	0.37	1, 19	0.55
	Number of male siblings present	0.43	0.26	0.35	1.63	0.12	[-0.12, 0.98]								
	Sex	-0.11	0.17	-0.13	-0.61	0.55	[-0.47, 0.26]								
	Intercept Model 3	0.70	0.34	0.00	2.05	0.05	[-0.02, 1.41]	0.41	0.17	0.03	0.81	0.00	0.05	1, 18	0.82
	Number of male siblings present	0.42	0.27	0.34	1.54	0.14	[-0.16, 1]								
	Sex	-0.12	0.19	-0.15	-0.63	0.53	[-0.51, 0.27]								
	First semester gestational A4	-0.01	0.04	-0.05	-0.23	0.82	[-0.1, 0.08]								
	Intercept Model 4	0.74	0.38	0.00	1.94	0.07	[-0.06, 1.54]	0.41	0.17	-0.03	0.83	0.00	0.06	1, 17	0.80
	Number of male siblings present	0.40	0.30	0.33	1.35	0.20	[-0.23, 1.02]								
	Sex	-0.12	0.19	-0.15	-0.64	0.53	[-0.53, 0.28]								
	First semester gestational A4	-0.01	0.05	-0.05	-0.24	0.82	[-0.11, 0.09]								
Sex * gestational A ⁴ interaction	0.01	0.05	0.06	0.25	0.80	[-0.09, 0.11]									
Overall Play Male Sib	Intercept Model 1	1.62	0.40	0.00	4.02	0.00	[0.78, 2.45]	0.11	0.01	-0.04	0.99	0.01	0.24	1, 20	0.63
	Number of male siblings present	0.16	0.32	0.11	0.49	0.63	[-0.51, 0.83]								
	Intercept Model 2	1.60	0.42	0.00	3.78	0.00	[0.71, 2.48]	0.12	0.01	-0.09	1.01	0.00	0.03	1, 19	0.86
	Number of male siblings present	0.17	0.34	0.12	0.50	0.62	[-0.54, 0.88]								
	Sex	0.04	0.22	0.04	0.18	0.86	[-0.43, 0.51]								
	Intercept Model 3	1.63	0.44	0.00	3.73	0.00	[0.71, 2.54]	0.15	0.02	-0.14	1.04	0.01	0.19	1, 18	0.67
	Number of male siblings present	0.15	0.35	0.10	0.42	0.68	[-0.59, 0.89]								
	Sex	0.01	0.24	0.01	0.05	0.96	[-0.49, 0.51]								
	First semester gestational A4	-0.02	0.06	-0.11	-0.44	0.67	[-0.14, 0.09]								
	Intercept Model 4	1.69	0.48	0.00	3.48	0.00	[0.67, 2.71]	0.17	0.03	-0.20	1.06	0.01	0.11	1, 17	0.74
	Number of male siblings present	0.11	0.38	0.07	0.28	0.78	[-0.69, 0.91]								
	Sex	0.00	0.25	0.00	0.01	0.99	[-0.52, 0.52]								
	First semester gestational A4	-0.03	0.06	-0.11	-0.44	0.66	[-0.15, 0.1]								
Sex * gestational A ⁴ interaction	0.02	0.06	0.08	0.34	0.74	[-0.11, 0.15]									

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