

Table 1: Effect of Vehicle Exposure on Age (Days) at Vaginal Opening in Females

Study Arm	Vehicle Controls				Naïve Controls			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	32.1 $\pm$ 0.8	31.5 $\pm$ 0.6	0.304	(20)	33.6 $\pm$ 1.1	32.6 $\pm$ 0.8	0.304
FZ	(20)	32.8 $\pm$ 1.0	31.9 $\pm$ 0.7	0.165	(20)	34.4 $\pm$ 1.0	33.5 $\pm$ 0.9	0.165
VC	(16)	32.6 $\pm$ 0.7	32.1 $\pm$ 0.6	0.504	(20)	33.7 $\pm$ 1.0	32.8 $\pm$ 0.8	0.504
All	(56)	32.5 $\pm$ 0.5	31.9 $\pm$ 0.5	0.138	(60)	33.9 $\pm$ 0.6	33.0 $\pm$ 0.6	0.138

Table 2: Effect of Vehicle Exposure on Body Weight (grams) at Vaginal Opening in Females

Study Arm	Vehicle Controls				Naïve Controls			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	105.5 $\pm$ 4.4	105.5 $\pm$ 4.4	0.229	(20)	114.5 $\pm$ 5.9	114.5 $\pm$ 5.9	0.229
FZ	(20)	109.7 $\pm$ 5.3	109.7 $\pm$ 5.3	0.147	(20)	121.7 $\pm$ 6.2	121.7 $\pm$ 6.2	0.147
VC	(16)	109.7 $\pm$ 4.0	109.7 $\pm$ 4.0	0.176	(20)	119.6 $\pm$ 5.9	119.6 $\pm$ 5.9	0.176
All	(56)	108.2 $\pm$ 2.7	108.5 $\pm$ 3.4	0.053	(60)	118.6 $\pm$ 3.4	118.7 $\pm$ 3.9	0.053

Table 3: Effect of Vehicle Exposure on Age (Days) at Testicular Descent in Males

Study Arm	Vehicle Controls				Naïve Controls			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	23.5 $\pm$ 0.3	23.3 $\pm$ 0.3	0.754	(20)	23.4 $\pm$ 0.3	23.1 $\pm$ 0.3	0.754
FZ	(20)	23.7 $\pm$ 0.3	23.5 $\pm$ 0.3	0.757	(20)	23.7 $\pm$ 0.4	23.3 $\pm$ 0.3	0.757
All	(40)	23.6 $\pm$ 0.2	23.4 $\pm$ 0.2	0.721	(40)	23.5 $\pm$ 0.2	23.2 $\pm$ 0.3	0.721

Table 4: Effect of Vehicle Exposure on Body Weight (grams) at Testicular Descent in Males

Study Arm	Vehicle Controls				Naïve Controls			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	66.9 $\pm$ 1.8	66.9 $\pm$ 1.8	0.749	(20)	66.0 $\pm$ 2.3	66.0 $\pm$ 2.3	0.749
FZ	(20)	68.1 $\pm$ 2.4	68.1 $\pm$ 2.4	0.720	(20)	69.5 $\pm$ 2.8	69.5 $\pm$ 2.8	0.720
All	(40)	67.5 $\pm$ 1.5	67.5 $\pm$ 1.9	0.945	(40)	67.7 $\pm$ 1.8	67.7 $\pm$ 2.2	0.945

Table 5: Effect of Vehicle Exposure on Age (Days) at Preputial Separation in Males

Study Arm	Vehicle Controls				Naïve Controls			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	44.2 $\pm$ 0.7	44.0 $\pm$ 0.7	0.194	(20)	43.0 $\pm$ 0.6	42.8 $\pm$ 0.6	0.194
FZ	(20)	43.7 $\pm$ 0.5	43.6 $\pm$ 0.5	0.541	(20)	44.3 $\pm$ 0.6	44.1 $\pm$ 0.6	0.541
All	(40)	44.0 $\pm$ 0.4	43.8 $\pm$ 0.5	0.632	(40)	43.6 $\pm$ 0.5	43.4 $\pm$ 0.6	0.632

Table 6: Effect of Vehicle Exposure on Body Weight (grams) at Preputial Separation in Males

Study Arm	Vehicle Controls				Naïve Controls			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	217.4 $\pm$ 5.2	217.4 $\pm$ 5.2	0.521	(20)	212.1 $\pm$ 6.4	212.1 $\pm$ 6.4	0.521
FZ	(20)	212.4 $\pm$ 5.5	212.4 $\pm$ 5.5	0.098	(20)	227.9 $\pm$ 7.3	227.9 $\pm$ 7.3	0.098
All	(40)	214.9 $\pm$ 3.7	214.9 $\pm$ 5.2	0.510	(40)	220.0 $\pm$ 4.9	220.0 $\pm$ 5.6	0.510

Table 7: Effect of Low Level Exposures to BPA on Age (Days) at Vaginal Opening in Females

Study Arm	Vehicle Controls				BPA 2.5				BPA 8.0				BPA 25			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	32.1 ± 0.8	31.5 ± 0.6	0.466	(23)	32.2 ± 0.7	31.6 ± 0.6	1.000	(18)	32.3 ± 0.7	31.9 ± 0.6	0.999	(21)	32.7 ± 0.7	32.1 ± 0.6	0.971
FZ	(20)	32.8 ± 1.0	31.9 ± 0.7	0.744	(23)	32.7 ± 0.7	32.2 ± 0.6	1.000	(18)	32.2 ± 0.7	31.6 ± 0.7	1.000	(21)	33.2 ± 0.9	32.6 ± 0.7	0.976
VC	(16)	32.6 ± 0.7	32.1 ± 0.6	0.688	(23)	33.7 ± 0.6	33.3 ± 0.6	0.576	(14)	31.7 ± 0.4	31.6 ± 0.4	0.942	(19)	31.8 ± 0.5	31.5 ± 0.5	0.915
All	(56)	32.5 ± 0.5	31.9 ± 0.5	0.807	(69)	32.9 ± 0.4	32.4 ± 0.4	0.937	(50)	32.1 ± 0.4	31.7 ± 0.4	1.000	(61)	32.6 ± 0.4	32.1 ± 0.4	1.000
Study Arm	BPA 80				BPA 260				BPA 840				BPA 2700			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	32.4 ± 0.7	31.9 ± 0.6	0.997	(21)	33.4 ± 2.4	31.5 ± 0.8	1.000	(20)	32.9 ± 0.7	32.3 ± 0.6	0.880	(20)	32.4 ± 0.5	32.0 ± 0.5	0.989
FZ	(20)	32.7 ± 0.6	32.2 ± 0.6	1.000	(17)	33.6 ± 1.2	32.6 ± 0.9	0.993	(20)	32.8 ± 0.9	32.0 ± 0.7	1.000	(20)	32.6 ± 0.6	32.1 ± 0.7	1.000
VC	(20)	33.2 ± 0.5	33.0 ± 0.4	0.785	(15)	33.5 ± 2.2	31.8 ± 1.0	1.000	(18)	32.6 ± 0.6	32.3 ± 0.5	1.000	(20)	32.4 ± 0.5	32.0 ± 0.5	1.000
All	(60)	32.8 ± 0.3	32.4 ± 0.4	0.942	(53)	33.5 ± 1.2	31.9 ± 0.6	1.000	(58)	32.7 ± 0.4	32.3 ± 0.4	0.986	(60)	32.4 ± 0.3	32.0 ± 0.4	1.000

Table 8: Effect of Low Level Exposures to BPA on Body Weight (grams) at Vaginal Opening in Females

Study Arm	Vehicle Controls				BPA 2.5				BPA 8.0				BPA 25			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	105.5 $\pm$ 4.4	105.5 $\pm$ 4.4	0.309	(23)	109.0 $\pm$ 3.7	109.0 $\pm$ 3.7	0.986	(18)	105.2 $\pm$ 3.3	105.2 $\pm$ 3.3	1.000	(21)	110.4 $\pm$ 3.1	110.4 $\pm$ 3.1	0.894
FZ	(20)	109.7 $\pm$ 5.3	109.7 $\pm$ 5.3	0.354	(23)	110.0 $\pm$ 3.6	110.0 $\pm$ 3.6	1.000	(18)	107.1 $\pm$ 3.9	107.1 $\pm$ 3.9	0.998	(21)	106.2 $\pm$ 4.2	106.2 $\pm$ 4.2	0.992
VC	(16)	109.7 $\pm$ 4.0	109.7 $\pm$ 4.0	0.600	(23)	118.7 $\pm$ 3.2	118.7 $\pm$ 3.2	0.345	(14)	107.3 $\pm$ 2.7	107.3 $\pm$ 2.7	0.995	(19)	106.9 $\pm$ 3.2	106.9 $\pm$ 3.2	0.992
All	(56)	108.2 $\pm$ 2.7	108.5 $\pm$ 3.1	0.228	(69)	112.6 $\pm$ 2.1	112.7 $\pm$ 2.4	0.807	(50)	106.5 $\pm$ 1.9	106.4 $\pm$ 2.9	0.996	(61)	107.9 $\pm$ 2.0	108.1 $\pm$ 2.5	1.000
Study Arm	BPA 80				BPA 260				BPA 840				BPA 2700			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	106.0 $\pm$ 3.8	106.0 $\pm$ 3.8	1.000	(21)	116.2 $\pm$ 15.5	116.2 $\pm$ 15.5	0.976	(20)	112.8 $\pm$ 3.6	112.8 $\pm$ 3.6	0.659	(20)	108.6 $\pm$ 3.9	108.6 $\pm$ 3.9	0.993
FZ	(20)	108.2 $\pm$ 3.8	108.2 $\pm$ 3.8	1.000	(17)	114.1 $\pm$ 6.9	114.1 $\pm$ 6.9	0.992	(20)	112.4 $\pm$ 5.0	112.4 $\pm$ 5.0	0.999	(20)	112.5 $\pm$ 3.3	112.5 $\pm$ 3.3	0.996
VC	(20)	113.1 $\pm$ 3.9	113.1 $\pm$ 3.9	0.985	(15)	121.0 $\pm$ 16.3	121.0 $\pm$ 16.3	0.975	(18)	110.5 $\pm$ 3.6	110.5 $\pm$ 3.6	1.000	(20)	113.9 $\pm$ 4.0	113.9 $\pm$ 4.0	0.960
All	(60)	109.1 $\pm$ 2.2	109.6 $\pm$ 2.7	1.000	(53)	116.9 $\pm$ 7.8	116.9 $\pm$ 8.1	0.861	(58)	111.9 $\pm$ 2.4	112.1 $\pm$ 2.9	0.921	(60)	111.7 $\pm$ 2.1	111.6 $\pm$ 2.6	0.952

Table 9: Effect of Low Level Exposures to BPA on Age (Days) at Testicular Descent in Males

Study Arm	Vehicle Controls				BPA 2.5				BPA 8.0				BPA 25			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	23.5 ± 0.3	23.3 ± 0.3	0.486	(23)	23.9 ± 0.3	23.7 ± 0.3	0.722	(18)	23.5 ± 0.3	23.3 ± 0.3	1.000	(21)	23.8 ± 0.3	23.6 ± 0.3	0.924
FZ	(20)	23.7 ± 0.3	23.5 ± 0.3	0.618	(23)	24.0 ± 0.3	23.7 ± 0.3	0.988	(17)	23.9 ± 0.4	23.5 ± 0.4	1.000	(21)	23.9 ± 0.3	23.6 ± 0.3	0.999
All	(40)	23.6 ± 0.2	23.4 ± 0.2	0.949	(46)	23.9 ± 0.2	23.7 ± 0.2	0.852	(35)	23.7 ± 0.3	23.4 ± 0.3	1.000	(42)	23.8 ± 0.2	23.6 ± 0.2	0.967
Study Arm	BPA 80				BPA 260				BPA 840				BPA 2700			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	24.4 ± 0.4	24.0 ± 0.4	0.381	(20)	24.5 ± 0.3	24.3 ± 0.2	0.037 *	(21)	23.8 ± 0.4	23.4 ± 0.3	1.000	(20)	23.6 ± 0.3	23.4 ± 0.3	1.000
FZ	(20)	23.6 ± 0.4	23.3 ± 0.3	0.997	(20)	24.9 ± 0.4	24.6 ± 0.4	0.140	(20)	23.7 ± 0.4	23.4 ± 0.3	1.000	(21)	23.3 ± 0.2	23.1 ± 0.2	0.903
All	(40)	24.0 ± 0.3	23.6 ± 0.3	0.975	(40)	24.7 ± 0.2	24.4 ± 0.3	0.035 *	(41)	23.7 ± 0.3	23.4 ± 0.3	1.000	(41)	23.4 ± 0.2	23.2 ± 0.2	0.998

Table 10: Effect of Low Level Exposures to BPA on Body Weight (grams) at Testicular Descent in Males

Study Arm	Vehicle Controls				BPA 2.5				BPA 8.0				BPA 25			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	66.9 $\pm$ 1.8	66.9 $\pm$ 1.8	0.334	(23)	70.4 $\pm$ 1.7	70.4 $\pm$ 1.7	0.579	(18)	69.3 $\pm$ 2.0	69.3 $\pm$ 2.0	0.914	(21)	70.6 $\pm$ 1.6	70.6 $\pm$ 1.6	0.484
FZ	(20)	68.1 $\pm$ 2.4	68.1 $\pm$ 2.4	0.966	(23)	70.7 $\pm$ 1.5	70.7 $\pm$ 1.5	0.856	(17)	70.1 $\pm$ 2.4	70.1 $\pm$ 2.4	0.984	(21)	69.8 $\pm$ 2.1	69.8 $\pm$ 2.1	0.990
All	(40)	67.5 $\pm$ 1.5	67.5 $\pm$ 1.6	0.565	(46)	70.6 $\pm$ 1.1	70.6 $\pm$ 1.5	0.598	(35)	69.7 $\pm$ 1.5	69.8 $\pm$ 1.8	0.904	(42)	70.2 $\pm$ 1.3	70.2 $\pm$ 1.7	0.765
Study Arm	BPA 80				BPA 260				BPA 840				BPA 2700			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	70.0 $\pm$ 2.6	70.0 $\pm$ 2.6	0.881	(20)	71.3 $\pm$ 1.7	71.3 $\pm$ 1.7	0.331	(21)	72.8 $\pm$ 2.6	72.8 $\pm$ 2.6	0.286	(20)	67.8 $\pm$ 1.7	67.8 $\pm$ 1.7	1.000
FZ	(20)	66.3 $\pm$ 1.5	66.3 $\pm$ 1.5	0.967	(20)	73.6 $\pm$ 2.0	73.6 $\pm$ 2.0	0.296	(20)	69.3 $\pm$ 2.2	69.3 $\pm$ 2.2	0.999	(21)	68.3 $\pm$ 1.5	68.3 $\pm$ 1.5	1.000
All	(40)	68.1 $\pm$ 1.5	68.1 $\pm$ 1.9	1.000	(40)	72.5 $\pm$ 1.3	72.5 $\pm$ 1.7	0.175	(41)	71.1 $\pm$ 1.7	71.1 $\pm$ 2.0	0.604	(41)	68.0 $\pm$ 1.1	68.0 $\pm$ 1.6	1.000

Table 11: Effect of Low Level Exposures to BPA on Age (Days) at Preputial Separation in Males

Study Arm	Vehicle Controls				BPA 2.5				BPA 8.0				BPA 25			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	44.2 $\pm$ 0.7	44.0 $\pm$ 0.7	0.968	(21)	45.4 $\pm$ 0.8	45.1 $\pm$ 0.8	0.875	(16)	42.4 $\pm$ 0.9	42.2 $\pm$ 0.9	0.461	(21)	42.8 $\pm$ 0.8	42.5 $\pm$ 0.8	0.627
FZ	(20)	43.7 $\pm$ 0.5	43.6 $\pm$ 0.5	0.812	(23)	44.3 $\pm$ 0.8	44.0 $\pm$ 0.7	0.998	(18)	43.6 $\pm$ 0.8	43.3 $\pm$ 0.8	1.000	(21)	43.0 $\pm$ 0.9	42.6 $\pm$ 1.0	0.945
All	(40)	44.0 $\pm$ 0.4	43.8 $\pm$ 0.8	0.968	(44)	44.8 $\pm$ 0.6	44.6 $\pm$ 0.8	0.973	(34)	43.0 $\pm$ 0.6	42.9 $\pm$ 0.9	0.953	(42)	42.9 $\pm$ 0.6	42.5 $\pm$ 0.8	0.764
Study Arm	BPA 80				BPA 260				BPA 840				BPA 2700			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	45.2 $\pm$ 1.2	44.6 $\pm$ 1.2	0.999	(18)	44.6 $\pm$ 1.3	44.0 $\pm$ 1.2	1.000	(21)	43.0 $\pm$ 1.2	42.4 $\pm$ 1.1	0.741	(20)	45.2 $\pm$ 0.8	44.9 $\pm$ 0.8	0.942
FZ	(20)	45.5 $\pm$ 1.3	44.8 $\pm$ 1.3	0.945	(19)	44.2 $\pm$ 1.1	43.7 $\pm$ 1.0	1.000	(20)	42.7 $\pm$ 0.9	42.3 $\pm$ 0.9	0.766	(19)	44.2 $\pm$ 0.6	44.0 $\pm$ 0.7	0.997
All	(40)	45.4 $\pm$ 0.9	44.7 $\pm$ 0.9	0.961	(37)	44.4 $\pm$ 0.8	44.1 $\pm$ 0.9	1.000	(41)	42.8 $\pm$ 0.8	42.4 $\pm$ 0.8	0.733	(39)	44.7 $\pm$ 0.5	44.5 $\pm$ 0.8	0.990

Table 12: Effect of Low Level Exposures to BPA on Body Weight (grams) at Preputial Separation in Males

Study Arm	Vehicle Controls				BPA 2.5			BPA 8.0			BPA 25					
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics					
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value				
F1 FZ	(20)	217.4 ± 5.2	217.4 ± 5.2	0.480	(21)	235.4 ± 6.5	235.4 ± 6.5	0.187	(16)	209.1 ± 6.8	209.1 ± 6.8	0.924	(21)	208.6 ± 7.5	208.6 ± 7.5	0.925
	(20)	212.4 ± 5.5	212.4 ± 5.5	0.703	(23)	226.8 ± 6.4	226.8 ± 6.4	0.421	(18)	218.2 ± 6.9	218.2 ± 6.9	0.989	(21)	205.6 ± 7.4	205.6 ± 7.4	0.978
All	(40)	214.9 ± 3.7	214.9 ± 6.3	0.509	(44)	231.0 ± 4.6	230.8 ± 6.0	0.318	(34)	213.9 ± 4.9	214.7 ± 7.5	1.000	(42)	207.1 ± 5.2	207.1 ± 6.0	0.923
Study Arm	BPA 80				BPA 260			BPA 840			BPA 2700					
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics					
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1 FZ	(20)	231.7 ± 15.2	231.7 ± 15.2	0.950	(18)	224.0 ± 10.9	224.0 ± 10.9	0.997	(21)	220.5 ± 11.5	220.5 ± 11.5	1.000	(20)	228.7 ± 7.7	228.7 ± 7.7	0.796
	(20)	228.8 ± 13.5	228.8 ± 13.5	0.839	(19)	214.4 ± 9.0	214.4 ± 9.0	1.000	(20)	208.9 ± 8.7	208.9 ± 8.7	1.000	(19)	228.4 ± 6.2	228.4 ± 6.2	0.294
All	(40)	230.2 ± 10.0	230.2 ± 10.3	0.713	(37)	219.1 ± 7.0	220.3 ± 7.9	0.995	(41)	214.9 ± 7.2	215.0 ± 7.9	1.000	(39)	228.5 ± 4.9	228.7 ± 6.3	0.507

Table 13: Effect of High Level Exposures to BPA on Age (Days) at Vaginal Opening in Females

Study Arm	Vehicle Controls				BPA 100K				BPA 300K			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	32.1 $\pm$ 0.8	31.5 $\pm$ 0.6	0.807	(21)	34.1 $\pm$ 0.7	33.5 $\pm$ 0.7	0.053	(19)	33.7 $\pm$ 1.4	31.6 $\pm$ 1.3	1.000
FZ	(20)	32.8 $\pm$ 1.0	31.9 $\pm$ 0.7	0.472	(18)	34.3 $\pm$ 1.3	33.0 $\pm$ 1.1	0.646	(17)	36.3 $\pm$ 2.5	33.4 $\pm$ 1.7	0.644
VC	(16)	32.6 $\pm$ 0.7	32.1 $\pm$ 0.6	0.717	(15)	32.9 $\pm$ 1.1	32.6 $\pm$ 1.1	0.898	(6)	35.0 $\pm$ 3.6	33.0 $\pm$ 2.2	0.898
All	(56)	32.5 $\pm$ 0.5	31.9 $\pm$ 0.5	0.682	(54)	33.9 $\pm$ 0.6	32.9 $\pm$ 0.6	0.320	(42)	35.0 $\pm$ 1.3	32.6 $\pm$ 1.1	0.808

Table 14: Effect of High Level Exposures to BPA on Body Weight (grams) at Vaginal Opening in Females

Study Arm	Vehicle Controls				BPA 100K				BPA 300K			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	105.5 $\pm$ 4.4	105.5 $\pm$ 4.4	0.709	(21)	113.8 $\pm$ 3.6	113.8 $\pm$ 3.6	0.260	(19)	104.3 $\pm$ 7.0	104.3 $\pm$ 7.0	0.983
FZ	(20)	109.7 $\pm$ 5.3	109.7 $\pm$ 5.3	0.725	(18)	115.9 $\pm$ 6.7	115.9 $\pm$ 6.7	0.710	(17)	114.4 $\pm$ 8.8	114.4 $\pm$ 8.8	0.869
VC	(16)	109.7 $\pm$ 4.0	109.7 $\pm$ 4.0	0.894	(15)	111.9 $\pm$ 5.5	111.9 $\pm$ 5.5	0.932	(6)	112.1 $\pm$ 13.9	112.1 $\pm$ 13.9	0.983
All	(56)	108.2 $\pm$ 2.7	108.4 $\pm$ 3.1	0.892	(54)	114.0 $\pm$ 3.0	113.4 $\pm$ 3.5	0.485	(42)	109.5 $\pm$ 5.1	110.3 $\pm$ 6.0	0.949

Table 15: Effect of High Level Exposures to BPA on Age (Days) at Testicular Descent in Males

Study Arm	Vehicle Controls				BPA 100K				BPA 300K			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	23.5 $\pm$ 0.3	23.3 $\pm$ 0.3	0.005**	(23)	24.4 $\pm$ 0.5	24.0 $\pm$ 0.4	0.193	(18)	25.6 $\pm$ 0.6	25.0 $\pm$ 0.6	0.007**
FZ	(20)	23.7 $\pm$ 0.3	23.5 $\pm$ 0.3	0.022*	(19)	24.4 $\pm$ 0.5	24.0 $\pm$ 0.4	0.490	(16)	25.9 $\pm$ 0.7	25.1 $\pm$ 0.7	0.034*
All	(40)	23.6 $\pm$ 0.2	23.4 $\pm$ 0.3	0.002**	(42)	24.4 $\pm$ 0.3	24.0 $\pm$ 0.4	0.315	(34)	25.7 $\pm$ 0.4	25.2 $\pm$ 0.5	0.003**

Table 16: Effect of High Level Exposures to BPA on Body Weight (grams) at Testicular Descent in Males

Study Arm	Vehicle Controls				BPA 100K				BPA 300K			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	66.9 $\pm$ 1.8	66.9 $\pm$ 1.8	0.194	(23)	72.0 $\pm$ 2.5	72.0 $\pm$ 2.5	0.182	(18)	73.5 $\pm$ 4.0	73.5 $\pm$ 4.0	0.245
FZ	(20)	68.1 $\pm$ 2.4	68.1 $\pm$ 2.4	0.119	(19)	72.6 $\pm$ 2.5	72.6 $\pm$ 2.5	0.340	(16)	75.8 $\pm$ 3.8	75.8 $\pm$ 3.8	0.169
All	(40)	67.5 $\pm$ 1.5	67.5 $\pm$ 2.3	0.063	(42)	72.3 $\pm$ 1.7	72.1 $\pm$ 2.5	0.306	(34)	74.6 $\pm$ 2.7	74.7 $\pm$ 2.7	0.088

Table 17: Effect of High Level Exposures to BPA on Age (Days) at Preputial Separation in Males

Study Arm	Vehicle Controls				BPA 100K				BPA 300K			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	44.2 $\pm$ 0.7	44.0 $\pm$ 0.7	0.211	(23)	45.1 $\pm$ 1.0	44.8 $\pm$ 0.8	0.714	(18)	46.9 $\pm$ 1.5	46.1 $\pm$ 1.5	0.335
FZ	(20)	43.7 $\pm$ 0.5	43.6 $\pm$ 0.5	0.154	(19)	44.0 $\pm$ 0.5	43.9 $\pm$ 0.5	0.902	(16)	48.4 $\pm$ 2.8	46.8 $\pm$ 2.2	0.274
All	(40)	44.0 $\pm$ 0.4	43.8 $\pm$ 0.5	0.060	(42)	44.6 $\pm$ 0.6	44.3 $\pm$ 0.6	0.758	(34)	47.6 $\pm$ 1.5	46.5 $\pm$ 1.3	0.105

Table 18: Effect of High Level Exposures to BPA on Body Weight (grams) at Preputial Separation in Males

Study Arm	Vehicle Controls				BPA 100K				BPA 300K			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value	(N)	Mean $\pm$ SE	Mean $\pm$ SE	P-Value
F1	(20)	217.4 $\pm$ 5.2	217.4 $\pm$ 5.2	0.901	(23)	220.1 $\pm$ 7.4	220.1 $\pm$ 7.4	0.942	(18)	216.5 $\pm$ 10.4	216.5 $\pm$ 10.4	0.996
FZ	(20)	212.4 $\pm$ 5.5	212.4 $\pm$ 5.5	0.678	(19)	212.3 $\pm$ 3.6	212.3 $\pm$ 3.6	1.000	(16)	217.6 $\pm$ 11.6	217.6 $\pm$ 11.6	0.896
All	(40)	214.9 $\pm$ 3.7	214.9 $\pm$ 5.3	0.806	(42)	216.6 $\pm$ 4.4	216.4 $\pm$ 5.6	0.974	(34)	217.0 $\pm$ 7.6	217.4 $\pm$ 7.4	0.952

Table 19: Effect of Ethinyl Estradiol Exposures on Age (Days) at Vaginal Opening in Females

Study Arm	Vehicle Controls				Ethinyl Estradiol 0.5				Ethinyl Estradiol 5.0			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	32.1 ± 0.8	31.5 ± 0.6	<.001 ***	(19)	32.8 ± 0.9	31.9 ± 0.8	0.894	(19)	54.4 ± 3.3	50.7 ± 3.3	<.001 ***
FZ	(20)	32.8 ± 1.0	31.9 ± 0.7	<.001 ***	(20)	39.6 ± 2.9	36.0 ± 1.9	0.049 *	(20)	54.4 ± 3.5	50.8 ± 3.0	<.001 ***
VC	(16)	32.6 ± 0.7	32.1 ± 0.6	<.001 ***	(13)	45.7 ± 4.5	41.1 ± 3.3	0.002 **	(10)	60.8 ± 4.8	58.2 ± 4.2	<.001 ***
All	(56)	32.5 ± 0.5	31.9 ± 0.5	<.001 ***	(52)	38.6 ± 1.7	35.7 ± 1.1	0.002 **	(49)	55.7 ± 2.2	53.5 ± 2.4	<.001 ***

Table 20: Effect of Ethinyl Estradiol Exposures on Body Weight (grams) at Vaginal Opening in Females

Study Arm	Vehicle Controls				Ethinyl Estradiol 0.5				Ethinyl Estradiol 5.0			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	105.5 ± 4.4	105.5 ± 4.4	<.001 ***	(19)	117.6 ± 5.6	117.6 ± 5.6	0.176	(19)	225.8 ± 14.6	225.8 ± 14.6	<.001 ***
FZ	(20)	109.7 ± 5.3	109.7 ± 5.3	<.001 ***	(20)	149.0 ± 12.8	149.0 ± 12.8	0.012 *	(20)	215.6 ± 11.3	215.6 ± 11.3	<.001 ***
VC	(16)	109.7 ± 4.0	109.7 ± 4.0	<.001 ***	(13)	167.9 ± 16.4	167.9 ± 16.4	0.003 **	(10)	240.5 ± 14.9	240.5 ± 14.9	<.001 ***
All	(56)	108.2 ± 2.7	108.5 ± 3.2	<.001 ***	(52)	142.3 ± 7.2	145.0 ± 7.1	<.001 ***	(49)	224.6 ± 7.9	227.6 ± 8.4	<.001 ***

Table 21: Effect of Ethinyl Estradiol Exposure on Age (Days) at Testicular Descent in Males

Study Arm	Vehicle Controls				Ethinyl Estradiol0.5				Ethinyl Estradiol5.0			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	23.5 ± 0.3	23.3 ± 0.3	<.001***	(20)	24.5 ± 0.3	24.2 ± 0.3	0.050	(20)	29.1 ± 1.0	28.0 ± 1.0	<.001***
FZ	(20)	23.7 ± 0.3	23.5 ± 0.3	<.001***	(20)	24.4 ± 0.3	24.2 ± 0.3	0.197	(20)	29.7 ± 1.1	28.6 ± 1.0	<.001***
All	(40)	23.6 ± 0.2	23.4 ± 0.2	<.001***	(40)	24.5 ± 0.2	24.2 ± 0.3	0.059	(40)	29.4 ± 0.7	28.3 ± 0.8	<.001***

Table 22: Effect of Ethinyl Estradiol Exposure on Body Weight (grams) at Testicular Descent in Males

Study Arm	Vehicle Controls				Ethinyl Estradiol0.5				Ethinyl Estradiol5.0			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	66.9 ± 1.8	66.9 ± 1.8	<.001***	(20)	74.7 ± 2.5	74.7 ± 2.5	0.024*	(20)	100.9 ± 6.0	100.9 ± 6.0	<.001***
FZ	(20)	68.1 ± 2.4	68.1 ± 2.4	<.001***	(20)	74.9 ± 2.4	74.9 ± 2.4	0.096	(20)	104.8 ± 5.3	104.8 ± 5.3	<.001***
All	(40)	67.5 ± 1.5	67.5 ± 1.9	<.001***	(40)	74.8 ± 1.7	74.8 ± 2.1	0.029*	(40)	102.9 ± 4.0	102.9 ± 4.3	<.001***

Table 23: Effect of Ethinyl Estradiol Exposure on Age (Days) at Preputial Separation in Males

Study Arm	Vehicle Controls				Ethinyl Estradiol0.5				Ethinyl Estradiol5.0			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	44.2 ± 0.7	44.0 ± 0.7	<.001***	(19)	46.2 ± 1.3	45.7 ± 1.1	0.324	(18)	56.1 ± 2.3	54.8 ± 2.3	<.001***
FZ	(20)	43.7 ± 0.5	43.6 ± 0.5	<.001***	(19)	45.5 ± 1.0	45.1 ± 1.1	0.406	(18)	54.8 ± 2.4	53.5 ± 2.2	<.001***
All	(40)	44.0 ± 0.4	43.8 ± 0.7	<.001***	(38)	45.8 ± 0.8	45.4 ± 1.0	0.353	(36)	55.5 ± 1.6	54.5 ± 1.5	<.001***

Table 24: Effect of Ethinyl Estradiol Exposure on Body Weight (grams) at Preputial Separation in Males

Study Arm	Vehicle Controls				Ethinyl Estradiol0.5				Ethinyl Estradiol5.0			
	Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics		Simple Statistics		Litter-Adjusted Statistics	
	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value	(N)	Mean ± SE	Mean ± SE	P-Value
F1	(20)	217.4 ± 5.2	217.4 ± 5.2	<.001***	(19)	238.7 ± 9.8	238.7 ± 9.8	0.114	(18)	310.6 ± 15.0	310.6 ± 15.0	<.001***
FZ	(20)	212.4 ± 5.5	212.4 ± 5.5	<.001***	(19)	242.0 ± 9.9	242.0 ± 9.9	0.023*	(18)	297.6 ± 16.6	297.6 ± 16.6	<.001***
All	(40)	214.9 ± 3.7	214.9 ± 7.2	<.001***	(38)	240.3 ± 6.9	240.3 ± 8.0	0.056	(36)	304.1 ± 11.1	305.5 ± 10.7	<.001***