Table 1. Female organ weights, PND 21, vehicle and naïve controls and EE_2 dose groups[a]

Negative controls and reference estrogen				
	0.3 % CMC (Vehicle)	**Naïve control**	**0.5 EE_2 (µg/kg bw/day)**	**5.0 EE_2 (µg/kg bw/day)**
Brain	20	20	20	20
Absolute (g)	1.420 ± 0.017	1.407 ± 0.015	1.428 ± 0.013	1.413 ± 0.014
Rel. to Body (mg/g)	27.411 ± 0.652	27.148 ± 0.595	26.575 ± 0.442	26.522 ± 0.643
Fat Pad, Ovarian/Parametrial	20	20	20	20
Absolute	0.082 ± 0.010	0.080 ± 0.009	0.058 ± 0.007	**0.047 ± 0.005***
Rel. to Brain	0.058 ± 0.007	0.057 ± 0.006	0.040 ± 0.005	**0.033 ± 0.003***
Rel. to Body	1.571 ± 0.182	1.502 ± 0.159	1.052 ± 0.112	**0.845 ± 0.080****
Fat Pad, Retroperitoneal	20	20	20	20
Absolute	0.098 ± 0.012	0.094 ± 0.012	0.105 ± 0.006	0.122 ± 0.015
Rel. to Brain	0.068 ± 0.008	0.066 ± 0.008	0.073 ± 0.004	0.086 ± 0.010
Rel. to Body	1.831 ± 0.199	1.759 ± 0.201	1.945 ± 0.119	2.192 ± 0.221
Mammary Gland	20	20	20	20
Absolute	0.216 ± 0.019	0.197 ± 0.017	0.197 ± 0.016	**0.140 ± 0.018****
Rel. to Brain	0.151 ± 0.013	0.140 ± 0.011	0.137 ± 0.010	**0.099 ± 0.013****
Rel. to Body	4.051 ± 0.293	3.728 ± 0.269	3.620 ± 0.274	**2.552 ± 0.290*****
Ovary	20	20	20	20
Absolute	0.016 ± 0.001	0.015 ± 0.001	**0.011 ± 0.001****	**0.012 ± 0.002****
Rel. to Brain	0.011 ± 0.001	0.011 ± 0.001	**0.008 ± 0.000*****	**0.009 ± 0.001****
Rel. to Body	0.312 ± 0.013	0.291 ± 0.013	**0.203 ± 0.009*****	**0.228 ± 0.041****
Uterus	20	20	20	20
Absolute	0.030 ± 0.001	0.029 ± 0.002	**0.048 ± 0.003***	**0.118 ± 0.016*****
Rel. to Brain	0.021 ± 0.001	0.021 ± 0.001	**0.034 ± 0.002***	**0.083 ± 0.011*****
Rel. to Body	0.572 ± 0.030	0.559 ± 0.034	**0.897 ± 0.055***	**2.223 ± 0.345*****
Body Weight[b]	20	20	20	20
g	52.340 ± 1.362	52.315 ± 1.320	53.960 ± 0.808	53.830 ± 1.345

[a] Results [absolute weight (g), weight relative to brain weight (g/g), and weight relative to body weight (mg/g)] are presented as means ± S.E.M. Statistical analyses were conducted by ANOVA for absolute weights and by ANOCOVA with brain and body weights as covariates. Detailed statistical results, including the adjusted (least squares) means generated by those models and reasons for any excluded organ weights, are presented in tables in Appendix XLIII. Statistical comparisons to the vehicle control were conducted in the subgroups described in Materials and Methods. For this table, the comparisons of the EE_2 groups to the vehicle control were conducted using Dunnett's test to adjust for multiple comparisons. There was no adjustment for the comparison of naïve and vehicle control groups. Significant differences from vehicle controls are indicated in shaded cells, *, $p < 0.05$; **, $p < 0.01$; ***, $p < 0.001$.

[b] The body weight reported is the weight recorded at receiving for termination and necropsy in pathology. The weight is shown in these tables for reference, but was not analyzed separately as part of the organ weight analyses.

Table 2. Female organ weights, PND 21, vehicle control and low dose BPA

Low dose BPA								
	BPA Dose (µg/kg bw/day)							
	Vehicle	**2.5**	**8**	**25**	**80**	**260**	**840**	**2,700**
Brain	20	23	18	21	20	20	20	20
Absolute	1.420 ± 0.017	1.396 ± 0.020	1.411 ± 0.015	1.414 ± 0.018	1.390 ± 0.020	1.407 ± 0.014	1.420 ± 0.013	1.432 ± 0.019
Rel. to Body	27.411 ± 0.652	26.351 ± 0.741	26.277 ± 0.486	27.821 ± 0.772	27.247 ± 0.553	26.669 ± 0.748	27.336 ± 0.638	27.133 ± 0.441
Fat Pad, Ovarian/Parametrial	20	23	18	21	20	20	20	20
Absolute	0.082 ± 0.010	0.069 ± 0.009	0.086 ± 0.010	0.075 ± 0.010	0.065 ± 0.008	0.093 ± 0.011	0.078 ± 0.008	0.083 ± 0.012
Rel. to Brain	0.058 ± 0.007	0.049 ± 0.006	0.061 ± 0.007	0.052 ± 0.007	0.047 ± 0.006	0.066 ± 0.007	0.055 ± 0.006	0.058 ± 0.008
Rel. to Body	1.571 ± 0.182	1.290 ± 0.170	1.580 ± 0.163	1.436 ± 0.192	1.244 ± 0.145	1.711 ± 0.172	1.468 ± 0.148	1.559 ± 0.212
Fat Pad, Retroperitoneal	20	23	18	21	20	20	20	20
Absolute	0.098 ± 0.012	0.087 ± 0.006	0.119 ± 0.013	0.090 ± 0.010	0.074 ± 0.005	0.101 ± 0.010	0.087 ± 0.009	0.100 ± 0.009
Rel. to Brain	0.068 ± 0.008	0.063 ± 0.005	0.084 ± 0.009	0.064 ± 0.007	0.053 ± 0.003	0.071 ± 0.007	0.061 ± 0.006	0.070 ± 0.006
Rel. to Body	1.831 ± 0.199	1.615 ± 0.108	2.193 ± 0.215	1.712 ± 0.161	1.430 ± 0.082	1.850 ± 0.150	1.628 ± 0.154	1.867 ± 0.148
Mammary Gland	20	23	18	20	20	20	20	20
Absolute	0.216 ± 0.019	0.182 ± 0.016	0.215 ± 0.023	0.196 ± 0.016	0.189 ± 0.019	0.199 ± 0.020	0.184 ± 0.016	0.210 ± 0.020
Rel. to Brain	0.151 ± 0.013	0.130 ± 0.011	0.152 ± 0.016	0.137 ± 0.011	0.136 ± 0.013	0.141 ± 0.013	0.130 ± 0.012	0.147 ± 0.014
Rel. to Body	4.051 ± 0.293	3.406 ± 0.287	3.960 ± 0.382	3.793 ± 0.298	3.602 ± 0.313	3.668 ± 0.303	3.488 ± 0.275	3.936 ± 0.337
Ovary	20	23	18	21	20	20	20	19
Absolute	0.016 ± 0.001	0.017 ± 0.001	0.017 ± 0.001	0.017 ± 0.001	0.017 ± 0.001	0.015 ± 0.001	0.017 ± 0.001	0.017 ± 0.001
Rel. to Brain	0.011 ± 0.001	0.013 ± 0.001	0.012 ± 0.000	0.012 ± 0.000	0.012 ± 0.001	0.011 ± 0.000	0.012 ± 0.001	0.012 ± 0.001
Rel. to Body	0.312 ± 0.013	0.322 ± 0.014	0.317 ± 0.012	0.338 ± 0.012	0.330 ± 0.026	0.284 ± 0.007	0.329 ± 0.016	0.323 ± 0.018
Uterus	20	23	18	21	20	20	20	20
Absolute	0.030 ± 0.001	0.035 ± 0.004	0.031 ± 0.001	0.031 ± 0.002	0.028 ± 0.001	0.030 ± 0.020	0.031 ± 0.002	0.029 ± 0.001
Rel. to Brain	0.021 ± 0.001	0.026 ± 0.004	0.022 ± 0.001	0.022 ± 0.001	0.020 ± 0.001	0.021 ± 0.001	0.022 ± 0.001	0.020 ± 0.001
Rel. to Body	0.572 ± 0.030	0.646 ± 0.061	0.588 ± 0.032	0.607 ± 0.034	0.550 ± 0.022	0.562 ± 0.033	0.605 ± 0.038	0.550 ± 0.024
Body Weight[b]	20	23	18	21	20	20	20	20
g	52.340 ± 1.362	53.643 ± 1.257	53.944 ± 1.010	51.571 ± 1.439	51.275 ± 0.963	53.575 ± 1.614	52.465 ± 1.296	52.985 ± 1.001

[a] Results [absolute weight (g), weight relative to brain weight (g/g), and weight relative to body weight (mg/g)] are presented as means ± S.E.M. Statistical analyses were conducted by ANOVA for absolute weights and by ANOCOVA with brain and body weights as covariates. Detailed statistical results, including the adjusted (least squares) means generated by those models and reasons for any excluded organ weights, are presented in tables in Appendix XLIII. Statistical comparisons to the vehicle control were conducted in the subgroups described in Materials and Methods. For this table, the comparisons of the low dose BPA (≤ 2,700 µg/kg bw/day) groups to the vehicle control were conducted using Dunnett's test to adjust for multiple comparisons. Contrasts were used to test for increasing dose trends. There were no statistically significant differences between treatment groups and vehicle controls and no significant dose trends detected.

[b]The body weight reported is the weight recorded at receiving for termination and necropsy in pathology. The weight is shown in these tables for reference, but was not analyzed separately as part of the organ weight analyses.

Table 3. Female organ weights, PND 21, vehicle control and high dose BPA[a]

High dose BPA			
	BPA Dose (µg/kg bw/day)		
	Vehicle	100, 000	300,000
Brain	20	20	13
Absolute	1.420 ± 0.017	1.383 ± 0.016	1.371 ± 0.015
Rel. to Body	27.411 ± 0.652	27.882 ± 0.794	28.332 ± 0.737
Fat Pad, Ovarian/Parametrial	20	20	13
Absolute	0.082 ± 0.010	0.076 ± 0.010	0.065 ± 0.007
Rel. to Brain	0.058 ± 0.007	0.055 ± 0.007	0.048 ± 0.005
Rel. to Body	1.571 ± 0.182	1.479 ± 0.172	1.347 ± 0.150
Fat Pad, Retroperitoneal	20	20	13
Absolute	0.098 ± 0.012	0.101 ± 0.015	0.090 ± 0.010
Rel. to Brain	0.068 ± 0.008	0.072 ± 0.010	0.066 ± 0.007
Rel. to Body	1.831 ± 0.199	1.915 ± 0.239	1.814 ± 0.177
Mammary Gland	20	20	13
Absolute	0.216 ± 0.019	0.203 ± 0.025	0.171 ± 0.020
Rel. to Brain	0.151 ± 0.013	0.145 ± 0.017	0.126 ± 0.015
Rel. to Body	4.051 ± 0.293	3.885 ± 0.390	3.465 ± 0.337
Ovary	20	19	13
Absolute	0.016 ± 0.001	0.014 ± 0.001	0.012 ± 0.001*
Rel. to Brain	0.011 ± 0.001	0.010 ± 0.001	0.009 ± 0.001*
Rel. to Body	0.312 ± 0.013	0.278 ± 0.013	0.247 ± 0.016
Uterus	20	20	13
Absolute	0.030 ± 0.001	0.030 ± 0.002	0.030 ± 0.001
Rel. to Brain	0.021 ± 0.001	0.021 ± 0.001	0.022 ± 0.001
Rel. to Body	0.572 ± 0.030	0.587 ± 0.027	0.619 ± 0.025
Body Weight[b]	20	20	13
	52.340 ± 1.362	50.315 ± 1.436	48.700 ± 1.118

[a] Results [absolute weight (g), weight relative to brain weight (g/g), and weight relative to body weight (mg/g)] are presented as means ± S.E.M. Statistical analyses were conducted by ANOVA for absolute weights and by ANOCOVA with brain and body weights as covariates. Detailed statistical results, including the adjusted (least squares) means generated by those models and reasons for any excluded organ weights, are presented in tables in Appendix XLIII. Statistical comparisons to the vehicle control were conducted in the subgroups described in Materials and Methods. For this table, the comparisons of the high dose BPA (100,000 and 300,000 µg/kg bw/day groups to the vehicle control were conducted using Dunnett's test to adjust for multiple comparisons. Significant differences from vehicle controls are indicated in shaded cells, *, $p < 0.05$.

[b] The body weight reported is the weight recorded at receiving for termination and necropsy in pathology. The weight is shown in these tables for reference, but was not analyzed separately as part of the organ weight analyses.

Table 4. Male organ weights, PND 21, vehicle and naïve controls and EE_2 dose groups[a]

Negative controls and reference estrogen				
	0.3 % CMC (Vehicle)	**Naïve control**	**0.5 EE_2 (µg/kg bw/day)**	**5.0 EE_2 (µg/kg bw/day)**
Brain	20	20	19	18
Absolute (g)	1.478 ± 0.014	1.484 ± 0.013	1.466 ± 0.012	1.446 ± 0.016
Rel. to Body (mg/g)	26.623 ± 0.463	26.593 ± 0.645	25.874 ± 0.470	26.151 ± 0.622
Fat Pad, Epididymal	20	20	19	18
Absolute	0.101 ± 0.007	0.107 ± 0.008	0.091 ± 0.005	0.048 ± 0.006***
Rel. to Brain (g/g)	0.068 ± 0.004	0.073 ± 0.006	0.062 ± 0.004	0.033 ± 0.004***
Rel. to Body	1.789 ± 0.101	1.885 ± 0.120	1.584 ± 0.078	0.837 ± 0.081***
Fat Pad, Retroperitoneal	20	20	19	18
Absolute	0.142 ± 0.012	0.133 ± 0.014	0.168 ± 0.011	0.200 ± 0.020**
Rel. to Brain	0.096 ± 0.008	0.089 ± 0.009	0.115 ± 0.008	0.137 ± 0.013**
Rel. to Body	2.524 ± 0.214	2.304 ± 0.215	2.937 ± 0.179	3.470 ± 0.251***
Mammary Gland	20	20	19	18
Absolute	0.184 ± 0.014	0.190 ± 0.020	0.197 ± 0.013	0.143 ± 0.015
Rel. to Brain	0.124 ± 0.010	0.128 ± 0.013	0.135 ± 0.009	0.099 ± 0.010
Rel. to Body	3.283 ± 0.246	3.324 ± 0.306	3.438 ± 0.196	2.504 ± 0.207
Prostate	20	20	19	18
Absolute	0.049 ± 0.002	0.042 ± 0.003	0.049 ± 0.002	0.042 ± 0.003
Rel. to Brain	0.033 ± 0.001	0.029 ± 0.002*	0.033 ± 0.001	0.029 ± 0.002
Rel. to Body	0.873 ± 0.036	0.750 ± 0.042*	0.860 ± 0.036	0.751 ± 0.050*
Body Weight	20	20	19	18
g	55.820 ± 1.100	56.315 ± 1.172	56.900 ± 0.879	55.956 ± 1.731

[a] Results [absolute weight (g), weight relative to brain weight (g/g), and weight relative to body weight (mg/g)] are presented as means ± S.E.M. Statistical analyses were conducted by ANOVA for absolute weights and by ANOCOVA with brain and body weights as covariates. Detailed statistical results, including the adjusted (least squares) means generated by those models and reasons for any excluded organ weights, are presented in tables in Appendix XLIII. Statistical comparisons to the vehicle control were conducted in the subgroups described in Materials and Methods. For this table, the comparisons of the EE_2 groups to the vehicle control were conducted using Dunnett's test to adjust for multiple comparisons. There was no adjustment for the comparison of naïve and vehicle control groups. Significant differences from vehicle controls are indicated in shaded cells, *, $p < 0.05$; **, $p < 0.01$; ***, $p < 0.001$.

[b]The body weight reported is the weight recorded at receiving for termination and necropsy in pathology. The weight is shown in these tables for reference, but was not analyzed separately as part of the organ weight analyses.

Table 5. Male organ weights, PND 21, vehicle and low dose BPA[a]

Low dose BPA								
	BPA Dose (µg/kg bw/day)							
	Vehicle	**2.5**	**8**	**25**	**80**	**260**	**840**	**2,700**
Brain	20	23	17	21	20	20	19	20
Absolute (g)	1.478 ± 0.014	1.482 ± 0.017	1.487 ± 0.016	1.500 ± 0.015	1.465 ± 0.015	1.444 ± 0.014	1.484 ± 0.013	1.454 ± 0.017
Rel. to Body (mg/g)	26.623 ± 0.463	26.188 ± 0.506	25.515 ± 0.452	26.376 ± 0.547	26.699 ± 0.433	26.964 ± 0.793	25.216 ± 0.306	26.282 ± 0.389
Fat Pad, Epididymal	20	23	17	21	20	20	20 (19[c])	20
Absolute	0.101 ± 0.007	0.108 ± 0.008	0.122 ± 0.007	0.114 ± 0.008	0.096 ± 0.006	0.111 ± 0.008	0.123 ± 0.006	0.098 ± 0.007
Rel. to Brain (g/g)	0.068 ± 0.004	0.073 ± 0.005	0.082 ± 0.005	0.076 ± 0.006	0.065 ± 0.004	0.077 ± 0.006	0.082 ± 0.004	0.068 ± 0.005
Rel. to Body	1.789 ± 0.101	1.866 ± 0.105	2.074 ± 0.114	1.988 ± 0.137	1.725 ± 0.083	2.016 ± 0.112	2.074 ± 0.086	1.771 ± 0.128
Fat Pad, Retroperitoneal	20	23	17	21	20	20	20 (19[c])	20
Absolute	0.142 ± 0.012	0.126 ± 0.009	0.162 ± 0.012	0.127 ± 0.013	0.116 ± 0.010	0.137 ± 0.013	0.151 ± 0.008	0.129 ± 0.009
Rel. to Brain	0.096 ± 0.008	0.085 ± 0.006	0.109 ± 0.008	0.085 ± 0.009	0.079 ± 0.007	0.095 ± 0.009	0.101 ± 0.005	0.089 ± 0.006
Rel. to Body	2.524 ± 0.214	2.171 ± 0.142	2.736 ± 0.163	2.204 ± 0.200	2.083 ± 0.157	2.464 ± 0.195	2.536 ± 0.118	2.310 ± 0.150
Mammary Gland	20	23	17	21	20	20	20 (19[c])	20
Absolute	0.184 ± 0.014	0.186 ± 0.016	0.211 ± 0.018	0.189 ± 0.013	0.181 ± 0.015	0.206 ± 0.020	0.209 ± 0.016	0.201 ± 0.017
Rel. to Brain	0.124 ± 0.010	0.125 ± 0.010	0.141 ± 0.012	0.126 ± 0.009	0.122 ± 0.009	0.142 ± 0.014	0.140 ± 0.011	0.139 ± 0.012
Rel. to Body	3.283 ± 0.246	3.231 ± 0.246	3.590 ± 0.276	3.296 ± 0.217	3.232 ± 0.225	3.721 ± 0.321	3.519 ± 0.266	3.609 ± 0.277
Prostate	20	23	17	21	20	20	20 (19[c])	20
Absolute	0.049 ± 0.002	0.050 ± 0.002	0.049 ± 0.002	0.050 ± 0.002	0.047 ± 0.002	0.048 ± 0.002	0.048 ± 0.003	0.048 ± 0.003
Rel. to Brain	0.033 ± 0.001	0.034 ± 0.002	0.033 ± 0.001	0.033 ± 0.001	0.032 ± 0.001	0.033 ± 0.001	0.032 ± 0.002	0.033 ± 0.002
Rel. to Body	0.873 ± 0.036	0.869 ± 0.032	0.839 ± 0.026	0.876 ± 0.034	0.848 ± 0.035	0.884 ± 0.027	0.804 ± 0.050	0.871 ± 0.049
Body Weight	20	23	17	21	20	20	20 (19[c])	20
g	55.820 ± 1.100	57.004 ± 1.192	58.594 ± 1.277	57.252 ± 1.042	55.160 ± 1.092	54.380 ± 1.585	59.280 ± 0.770	55.620 ± 1.278

[a] Results [absolute weight (g), weight relative to brain weight (g/g), and weight relative to body weight (mg/g)] are presented as means ± S.E.M. Statistical analyses were conducted by ANOVA for absolute weights and by ANOCOVA with brain and body weights as covariates. Detailed statistical results, including the adjusted (least squares) means generated by those models and reasons for any excluded organ weights, are presented in tables in Appendix XLIII. Statistical comparisons to the vehicle control were conducted in the subgroups described in Materials and Methods. For this table, the comparisons of the low dose BPA (≤ 2,700 µg/kg bw/day) groups to the vehicle control were conducted using Dunnett's test to adjust for multiple comparisons. Contrasts were used to test for increasing dose trends. There were no statistically significant differences between treatment groups and vehicle controls and no significant dose trends detected.

[b]The body weight reported is the weight recorded at receiving for termination and necropsy in pathology. The weight is shown in these tables for reference, but was not analyzed separately as part of the organ weight analyses.

[c]For the values relative to brain, n=19.

Table 6. Male organ weights, PND 21, vehicle and high dose BPA[a]

High dose BPA			
	BPA Dose (µg/kg bw/day)		
	Vehicle	100, 000	300,000
Brain	20	20	10
Absolute (g)	1.478 ± 0.014	1.479 ± 0.014	1.409 ± 0.022*
Rel. to Body(mg/g)	26.623 ± 0.463	26.092 ± 0.585	28.835 ± 1.263
Fat Pad, Epididymal	20	20	10
Absolute	0.101 ± 0.007	0.108 ± 0.008	0.069 ± 0.009*
Rel. to Brain (g/g)	0.068 ± 0.004	0.073 ± 0.005	0.049 ± 0.006
Rel. to Body	1.789 ± 0.101	1.868 ± 0.116	1.341 ± 0.165
Fat Pad, Retroperitoneal	20	20	10
Absolute	0.142 ± 0.012	0.144 ± 0.011	0.119 ± 0.015
Rel. to Brain	0.096 ± 0.008	0.097 ± 0.007	0.084 ± 0.010
Rel. to Body	2.524 ± 0.214	2.492 ± 0.165	2.315 ± 0.220
Mammary Gland	20	20	10
Absolute	0.184 ± 0.014	0.195 ± 0.018	0.159 ± 0.021
Rel. to Brain	0.124 ± 0.010	0.131 ± 0.012	0.112 ± 0.014
Rel. to Body	3.283 ± 0.246	3.379 ± 0.282	3.115 ± 0.344
Prostate	20	20	10
Absolute	0.049 ± 0.002	0.046 ± 0.002	0.039 ± 0.004*
Rel. to Brain	0.033 ± 0.001	0.031 ± 0.001	0.027 ± 0.003
Rel. to Body	0.873 ± 0.036	0.809 ± 0.032	0.777 ± 0.059
Body Weight	20	20	10
g	55.820 ± 1.100	57.250 ± 1.438	49.750 ± 2.323

[a] Results [absolute weight (g), weight relative to brain weight (g/g), and weight relative to body weight (mg/g)] are presented as means ± S.E.M. Statistical analyses were conducted by ANOVA for absolute weights and by ANOCOVA with brain and body weights as covariates. Detailed statistical results, including the adjusted (least squares) means generated by those models and reasons for any excluded organ weights, are presented in tables in Appendix XLIII. Statistical comparisons to the vehicle control were conducted in the subgroups described in Materials and Methods. For this table, the comparisons of the high dose BPA (100,000 and 300,000 µg/kg bw/day groups to the vehicle control were conducted using Dunnett's test to adjust for multiple comparisons. Significant differences from vehicle controls are indicated in shaded cells, *, $p < 0.05$.

[b] The body weight reported is the weight recorded at receiving for termination and necropsy in pathology. The weight is shown in these tables for reference, but was not analyzed separately as part of the organ weight analyses.

Table 1. Reasons for Data Exclusion

Treatment Group	CID	Sex	Organ	Site	Comment (Initials and Date)[1]
25 BPA	21760203808	F	Mammary Gl	Inguinal	Reweighed after frozen. SW 06-26-10
2700 BPA	21760237009	F	Ovary	Right	Weight taken after placing in 10% NBF.Dn 08-26-10
840 BPA	21760206303	M	Brain		Reweighed after tissue was frozen. SW 06-26-10
840 BPA	21760225405	M	Prostate		Reweighed frozen. SW 07-20-10
100,000 BPA	21760217609	F	Ovary	Left	

1. The comment is the wording as stored in the source data. The principle investigator was consulted to determine exclusion of each measurement from the analysis. Because paired organs were analyzed as combined weight, the female with only left ovary in the 100,000 BPA treatment was excluded from analysis.

Table 2. Summary Statistics for Female Organ and Receiving Weights (g)

	Treatment																					
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)	
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	1.420	0.017	23	1.396	0.020	18	1.411	0.015	21	1.414	0.018	20	1.390	0.020	20	1.407	0.014	20	1.420	0.013	20	1.432	0.019
Fat Pad Ov/Pm	20	0.082	0.010	23	0.069	0.009	18	0.086	0.010	21	0.075	0.010	20	0.065	0.008	20	0.093	0.011	20	0.078	0.008	20	0.083	0.012
Fat Pad Retro	20	0.098	0.012	23	0.087	0.006	18	0.119	0.013	21	0.090	0.010	20	0.074	0.005	20	0.101	0.010	20	0.087	0.009	20	0.100	0.009
Mammary Gl	20	0.216	0.019	23	0.182	0.016	18	0.215	0.023	20	0.196	0.016	20	0.189	0.019	20	0.199	0.020	20	0.184	0.016	20	0.210	0.020
Ovary (Combined)	20	0.016	0.001	23	0.017	0.001	18	0.017	0.001	21	0.017	0.001	20	0.017	0.001	20	0.015	0.001	20	0.017	0.001	19	0.017	0.001
Uterus	20	0.030	0.001	23	0.035	0.004	18	0.031	0.001	21	0.031	0.002	20	0.028	0.001	20	0.030	0.002	20	0.031	0.002	20	0.029	0.001
Receiving Weight	20	52.340	1.362	23	53.643	1.257	18	53.944	1.010	21	51.571	1.439	20	51.275	0.963	20	53.575	1.614	20	52.465	1.296	20	52.985	1.001

Table 2. Summary Statistics for Female Organ and Receiving Weights (g)

	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	1.383	0.016	13	1.371	0.015	20	1.428	0.013	20	1.413	0.014	20	1.407	0.015
Fat Pad Ov/Pm	20	0.076	0.010	13	0.065	0.007	20	0.058	0.007	20	0.047	0.005	20	0.080	0.009
Fat Pad Retro	20	0.101	0.015	13	0.090	0.010	20	0.105	0.006	20	0.122	0.015	20	0.094	0.012
Mammary Gl	20	0.203	0.025	13	0.171	0.020	20	0.197	0.016	20	0.140	0.018	20	0.197	0.017
Ovary (Combined)	19	0.014	0.001	13	0.012	0.001	20	0.011	0.001	20	0.012	0.002	20	0.015	0.001
Uterus	20	0.030	0.002	13	0.030	0.001	20	0.048	0.003	20	0.118	0.016	20	0.029	0.002
Receiving Weight	20	50.315	1.436	13	48.700	1.118	20	53.960	0.808	20	53.830	1.345	20	52.315	1.320

Table 3. Summary Statistics for Female Relative Organ Weight to Brain Weight																						
	Treatment																					
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)	
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Fat Pad Ov/Pm	20	0.058	0.007	23	0.049	0.006	18	0.061	0.007	21	0.052	0.007	20	0.047	0.006	20	0.066	0.007	20	0.055	0.006	20	0.058	0.008
Fat Pad Retro	20	0.068	0.008	23	0.063	0.005	18	0.084	0.009	21	0.064	0.007	20	0.053	0.003	20	0.071	0.007	20	0.061	0.006	20	0.070	0.006
Mammary Gl	20	0.151	0.013	23	0.130	0.011	18	0.152	0.016	20	0.137	0.011	20	0.136	0.013	20	0.141	0.013	20	0.130	0.012	20	0.147	0.014
Ovary (Combined)	20	0.011	0.001	23	0.013	0.001	18	0.012	0.000	21	0.012	0.000	20	0.012	0.001	20	0.011	0.000	20	0.012	0.001	19	0.012	0.001
Uterus	20	0.021	0.001	23	0.026	0.004	18	0.022	0.001	21	0.022	0.001	20	0.020	0.001	20	0.021	0.001	20	0.022	0.001	20	0.020	0.001

Table 3. Summary Statistics for Female Relative Organ Weight to Brain Weight															
	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Fat Pad Ov/Pm	20	0.055	0.007	13	0.048	0.005	20	0.040	0.005	20	0.033	0.003	20	0.057	0.006
Fat Pad Retro	20	0.072	0.010	13	0.066	0.007	20	0.073	0.004	20	0.086	0.010	20	0.066	0.008
Mammary Gl	20	0.145	0.017	13	0.126	0.015	20	0.137	0.010	20	0.099	0.013	20	0.140	0.011
Ovary (Combined)	19	0.010	0.000	13	0.009	0.001	20	0.008	0.000	20	0.009	0.001	20	0.011	0.001
Uterus	20	0.021	0.001	13	0.022	0.001	20	0.034	0.002	20	0.083	0.011	20	0.021	0.001

Table 4. Summary Statistics for Female Relative Organ Weight to Receiving Weight (mg/g)																							
	Treatment																						
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)	
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	27.411	0.652	23	26.351	0.741	18	26.277	0.486	21	27.821	0.772	20	27.247	0.553	20	26.669	0.748	20	27.336	0.638	20	27.133	0.441
Fat Pad Ov/Pm	20	1.571	0.182	23	1.290	0.170	18	1.580	0.163	21	1.436	0.192	20	1.244	0.145	20	1.711	0.172	20	1.468	0.148	20	1.559	0.212
Fat Pad Retro	20	1.831	0.199	23	1.615	0.108	18	2.193	0.215	21	1.712	0.161	20	1.430	0.082	20	1.850	0.150	20	1.628	0.154	20	1.867	0.148
Mammary Gl	20	4.051	0.293	23	3.406	0.287	18	3.960	0.382	20	3.793	0.298	20	3.602	0.313	20	3.668	0.303	20	3.488	0.275	20	3.936	0.337
Ovary (Combined)	20	0.312	0.013	23	0.322	0.014	18	0.317	0.012	21	0.338	0.012	20	0.330	0.026	20	0.284	0.007	20	0.329	0.016	19	0.323	0.018
Uterus	20	0.572	0.030	23	0.646	0.061	18	0.588	0.032	21	0.607	0.034	20	0.550	0.022	20	0.562	0.033	20	0.605	0.038	20	0.550	0.024

Table 4. Summary Statistics for Female Relative Organ Weight to Receiving Weight (mg/g)															
	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	27.882	0.794	13	28.332	0.737	20	26.575	0.442	20	26.522	0.643	20	27.148	0.595
Fat Pad Ov/Pm	20	1.479	0.172	13	1.347	0.150	20	1.052	0.112	20	0.845	0.080	20	1.502	0.159
Fat Pad Retro	20	1.915	0.239	13	1.814	0.177	20	1.945	0.119	20	2.192	0.221	20	1.759	0.201
Mammary Gl	20	3.885	0.390	13	3.465	0.337	20	3.620	0.274	20	2.552	0.290	20	3.728	0.269
Ovary (Combined)	19	0.278	0.013	13	0.247	0.016	20	0.203	0.009	20	0.228	0.041	20	0.291	0.013
Uterus	20	0.587	0.027	13	0.619	0.025	20	0.897	0.055	20	2.223	0.345	20	0.559	0.034

Table 5. Summary Statistics for Male Organ and Receiving Weights (g)

	Treatment																					
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)	
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	1.478	0.014	23	1.482	0.017	17	1.487	0.016	21	1.500	0.015	20	1.465	0.015	20	1.444	0.014	19	1.484	0.013	20	1.454	0.017
Fat Pad Epidid	20	0.101	0.007	23	0.108	0.008	17	0.122	0.007	21	0.114	0.008	20	0.096	0.006	20	0.111	0.008	20	0.123	0.006	20	0.098	0.007
Fat Pad Retro	20	0.142	0.012	23	0.126	0.009	17	0.162	0.012	21	0.127	0.013	20	0.116	0.010	20	0.137	0.013	20	0.151	0.008	20	0.129	0.009
Mammary Gl	20	0.184	0.014	23	0.186	0.016	17	0.211	0.018	21	0.189	0.013	20	0.181	0.015	20	0.206	0.020	20	0.209	0.016	20	0.201	0.017
Prostate	20	0.049	0.002	23	0.050	0.002	17	0.049	0.002	21	0.050	0.002	20	0.047	0.002	20	0.048	0.002	20	0.048	0.003	20	0.048	0.003
Receiving Weight	20	55.820	1.100	23	57.004	1.192	17	58.594	1.277	21	57.252	1.042	20	55.160	1.092	20	54.380	1.585	20	59.280	0.770	20	55.620	1.278

Table 5. Summary Statistics for Male Organ and Receiving Weights (g)

	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	1.479	0.014	10	1.409	0.022	19	1.466	0.012	18	1.446	0.016	20	1.484	0.013
Fat Pad Epidid	20	0.108	0.008	10	0.069	0.009	19	0.091	0.005	18	0.048	0.006	20	0.107	0.008
Fat Pad Retro	20	0.144	0.011	10	0.119	0.015	19	0.168	0.011	18	0.200	0.020	20	0.133	0.014
Mammary Gl	20	0.195	0.018	10	0.159	0.021	19	0.197	0.013	18	0.143	0.015	20	0.190	0.020
Prostate	20	0.046	0.002	10	0.039	0.004	19	0.049	0.002	18	0.042	0.003	20	0.042	0.003
Receiving Weight	20	57.250	1.438	10	49.750	2.323	19	56.900	0.879	18	55.956	1.731	20	56.315	1.172

Table 6. Summary Statistics for Male Relative Organ Weight to Brain Weight

	Treatment																					
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)	
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Fat Pad Epidid	20	0.068	0.004	23	0.073	0.005	17	0.082	0.005	21	0.076	0.006	20	0.065	0.004	20	0.077	0.006	19	0.082	0.004	20	0.068	0.005
Fat Pad Retro	20	0.096	0.008	23	0.085	0.006	17	0.109	0.008	21	0.085	0.009	20	0.079	0.007	20	0.095	0.009	19	0.101	0.005	20	0.089	0.006
Mammary Gl	20	0.124	0.010	23	0.125	0.010	17	0.141	0.012	21	0.126	0.009	20	0.122	0.009	20	0.142	0.014	19	0.140	0.011	20	0.139	0.012
Prostate	20	0.033	0.001	23	0.034	0.002	17	0.033	0.001	21	0.033	0.001	20	0.032	0.001	20	0.033	0.001	19	0.032	0.002	20	0.033	0.002

Table 6. Summary Statistics for Male Relative Organ Weight to Brain Weight

	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Fat Pad Epidid	20	0.073	0.005	10	0.049	0.006	19	0.062	0.004	18	0.033	0.004	20	0.073	0.006
Fat Pad Retro	20	0.097	0.007	10	0.084	0.010	19	0.115	0.008	18	0.137	0.013	20	0.089	0.009
Mammary Gl	20	0.131	0.012	10	0.112	0.014	19	0.135	0.009	18	0.099	0.010	20	0.128	0.013
Prostate	20	0.031	0.001	10	0.027	0.003	19	0.033	0.001	18	0.029	0.002	20	0.029	0.002

Table 7. Summary Statistics for Male Relative Organ Weight to Receiving Weight (mg/g)

	Treatment																					
	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)	
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	26.623	0.463	23	26.188	0.506	17	25.515	0.452	21	26.376	0.547	20	26.699	0.433	20	26.964	0.793	19	25.216	0.306	20	26.282	0.389
Fat Pad Epidid	20	1.789	0.101	23	1.866	0.105	17	2.074	0.114	21	1.988	0.137	20	1.725	0.083	20	2.016	0.112	20	2.074	0.086	20	1.771	0.128
Fat Pad Retro	20	2.524	0.214	23	2.171	0.142	17	2.736	0.163	21	2.204	0.200	20	2.083	0.157	20	2.464	0.195	20	2.536	0.118	20	2.310	0.150
Mammary Gl	20	3.283	0.246	23	3.231	0.246	17	3.590	0.276	21	3.296	0.217	20	3.232	0.225	20	3.721	0.321	20	3.519	0.266	20	3.609	0.277
Prostate	20	0.873	0.036	23	0.869	0.032	17	0.839	0.026	21	0.876	0.034	20	0.848	0.035	20	0.884	0.027	20	0.804	0.050	20	0.871	0.049

Table 7. Summary Statistics for Male Relative Organ Weight to Receiving Weight (mg/g)

	Treatment														
	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.	N	Mean	S.E.
Brain	20	26.092	0.585	10	28.835	1.263	19	25.874	0.470	18	26.151	0.622	20	26.593	0.645
Fat Pad Epidid	20	1.868	0.116	10	1.341	0.165	19	1.584	0.078	18	0.837	0.081	20	1.885	0.120
Fat Pad Retro	20	2.492	0.165	10	2.315	0.220	19	2.937	0.179	18	3.470	0.251	20	2.304	0.215
Mammary Gl	20	3.379	0.282	10	3.115	0.344	19	3.438	0.196	18	2.504	0.207	20	3.324	0.306
Prostate	20	0.809	0.032	10	0.777	0.059	19	0.860	0.036	18	0.751	0.050	20	0.750	0.042

Table 8. ANOVA for Females

Organ	Effect	NumDF	DenDF	FValue	ProbF
Brain	Group	12	242	1.044	0.409
Fat Pad Ov/Pm	Group	12	242	1.904	0.035
Fat Pad Retro	Group	12	242	1.482	0.131
Mammary Gl	Group	12	241	1.139	0.329
Ovary (Combined)	Group	12	240	4.938	0.000
Uterus	Group	12	242	23.530	0.000

Table 9. ANOCOVA for Females (Brain Weight Covariate)

Organ	Effect	NumDF	DenDF	FValue	ProbF
Fat Pad Ov/Pm	Group	12	241	1.909	0.034
Fat Pad Ov/Pm	Brain Weight	1	241	5.265	0.023
Fat Pad Retro	Group	12	241	1.414	0.160
Fat Pad Retro	Brain Weight	1	241	17.217	0.000
Mammary Gl	Group	12	240	1.148	0.322
Mammary Gl	Brain Weight	1	240	17.896	0.000
Ovary (Combined)	Group	12	239	5.132	0.000
Ovary (Combined)	Brain Weight	1	239	11.552	0.001
Uterus	Group	12	241	23.388	0.000
Uterus	Brain Weight	1	241	0.532	0.467

Table 10. ANOCOVA for Females (Receiving Weight Covariate)

Organ	Effect	NumDF	DenDF	FValue	ProbF
Brain	Group	12	241	0.742	0.709
Brain	Receiving Weight	1	241	28.183	0.000
Fat Pad Ov/Pm	Group	12	241	2.434	0.005
Fat Pad Ov/Pm	Receiving Weight	1	241	41.138	0.000
Fat Pad Retro	Group	12	241	1.743	0.059
Fat Pad Retro	Receiving Weight	1	241	131.301	0.000
Mammary Gl	Group	12	240	2.113	0.017
Mammary Gl	Receiving Weight	1	240	94.359	0.000
Ovary (Combined)	Group	12	239	5.699	0.000
Ovary (Combined)	Receiving Weight	1	239	31.677	0.000
Uterus	Group	12	241	23.084	0.000
Uterus	Receiving Weight	1	241	1.336	0.249

Table 11. ANOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Females

	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.420	0.016	0.138	1.396	0.015	0.810	1.411	0.017	0.999	1.414	0.016	1.000	1.390	0.016	0.656	1.407	0.016	0.992	1.420	0.016	1.000	1.432	0.016	0.995
Fat Pad Ov/Pm	0.082	0.009	0.547	0.069	0.008	0.834	0.086	0.010	1.000	0.075	0.009	0.989	0.065	0.009	0.613	0.093	0.009	0.931	0.078	0.009	1.000	0.083	0.009	1.000
Fat Pad Retro	0.098	0.011	0.723	0.087	0.010	0.953	0.119	0.011	0.625	0.090	0.010	0.994	0.074	0.011	0.424	0.101	0.011	1.000	0.087	0.011	0.965	0.100	0.011	1.000
Mammary Gl	0.216	0.019	0.709	0.182	0.017	0.642	0.215	0.020	1.000	0.196	0.019	0.956	0.189	0.019	0.846	0.199	0.019	0.986	0.184	0.019	0.728	0.210	0.019	1.000
Ovary (Combined)	0.016	0.001	0.821	0.017	0.001	0.945	0.017	0.001	0.994	0.017	0.001	0.967	0.017	0.001	0.996	0.015	0.001	0.947	0.017	0.001	0.978	0.017	0.001	0.995
Uterus	0.030	0.005	0.719	0.035	0.005	0.947	0.031	0.005	1.000	0.031	0.005	1.000	0.028	0.005	1.000	0.030	0.005	1.000	0.031	0.005	1.000	0.029	0.005	1.000

Table 11. ANOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Females

	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.383	0.016	0.199	1.371	0.020	0.108	1.428	0.016	0.907	1.413	0.016	0.932	1.407	0.016	0.573
Fat Pad Ov/Pm	0.076	0.009	0.849	0.065	0.011	0.396	0.058	0.009	0.104	0.047	0.009	0.012	0.080	0.009	0.843
Fat Pad Retro	0.101	0.011	0.970	0.090	0.013	0.823	0.105	0.011	0.866	0.122	0.011	0.197	0.094	0.011	0.772
Mammary Gl	0.203	0.019	0.838	0.171	0.023	0.235	0.197	0.019	0.685	0.140	0.019	0.009	0.197	0.019	0.469
Ovary (Combined)	0.014	0.001	0.206	0.012	0.001	0.018	0.011	0.001	0.000	0.012	0.001	0.006	0.015	0.001	0.491
Uterus	0.030	0.005	1.000	0.030	0.006	0.997	0.048	0.005	0.018	0.118	0.005	0.000	0.029	0.005	0.970

All p-values and % are relative to the control group, except p-values for the linear trend presented under the control group.

Table 12. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Females (Brain Wt Covariate)

	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Fat Pad Ov/Pm	0.081	0.009	0.699	0.070	0.008	0.914	0.086	0.010	0.999	0.074	0.009	0.992	0.066	0.009	0.748	0.093	0.009	0.892	0.077	0.009	1.000	0.081	0.009	1.000
Fat Pad Retro	0.096	0.010	0.976	0.089	0.010	0.995	0.118	0.011	0.516	0.089	0.010	0.997	0.077	0.010	0.638	0.101	0.010	1.000	0.085	0.010	0.959	0.096	0.010	1.000
Mammary Gl	0.212	0.018	0.990	0.186	0.017	0.819	0.215	0.019	1.000	0.193	0.018	0.961	0.194	0.018	0.973	0.200	0.018	0.996	0.181	0.018	0.701	0.203	0.018	0.999
Ovary (Combined)	0.016	0.001	0.980	0.018	0.001	0.824	0.017	0.001	0.985	0.017	0.001	0.948	0.017	0.001	0.950	0.015	0.001	0.974	0.017	0.001	0.975	0.017	0.001	0.997
Uterus	0.029	0.005	0.669	0.035	0.005	0.931	0.031	0.005	1.000	0.031	0.005	1.000	0.028	0.005	1.000	0.030	0.005	1.000	0.031	0.005	1.000	0.029	0.005	1.000

Table 12. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Females (Brain Wt Covariate)

	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Fat Pad Ov/Pm	0.078	0.009	0.957	0.068	0.011	0.571	0.056	0.009	0.089	0.046	0.009	0.012	0.080	0.009	0.907
Fat Pad Retro	0.105	0.010	0.754	0.096	0.013	0.999	0.102	0.010	0.909	0.121	0.010	0.152	0.094	0.010	0.882
Mammary Gl	0.210	0.018	0.995	0.183	0.023	0.488	0.190	0.018	0.599	0.139	0.018	0.008	0.197	0.018	0.552
Ovary (Combined)	0.014	0.001	0.376	0.013	0.001	0.049	0.011	0.001	0.000	0.012	0.001	0.006	0.015	0.001	0.562
Uterus	0.030	0.005	0.997	0.031	0.006	0.982	0.048	0.005	0.019	0.118	0.005	0.000	0.029	0.005	0.991

All p-values and % are relative to the control group, except p-values for the linear trend presented under the control group.

Table 13. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Females (Receiving Wt Covariate)

	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.420	0.015	0.133	1.391	0.014	0.583	1.404	0.016	0.971	1.418	0.015	1.000	1.395	0.016	0.754	1.402	0.016	0.939	1.420	0.015	1.000	1.430	0.015	0.999
Fat Pad Ov/Pm	0.083	0.008	0.566	0.066	0.008	0.554	0.082	0.009	1.000	0.077	0.008	0.997	0.068	0.008	0.717	0.090	0.008	0.985	0.078	0.008	0.999	0.082	0.008	1.000
Fat Pad Retro	0.099	0.009	0.761	0.081	0.008	0.487	0.112	0.009	0.851	0.095	0.008	1.000	0.080	0.009	0.461	0.095	0.009	1.000	0.087	0.009	0.877	0.098	0.009	1.000
Mammary Gl	0.217	0.016	0.769	0.173	0.015	0.206	0.204	0.017	0.991	0.205	0.016	0.995	0.198	0.016	0.938	0.191	0.016	0.753	0.184	0.016	0.538	0.206	0.016	0.997
Ovary (Combined)	0.016	0.001	0.801	0.017	0.001	0.991	0.017	0.001	1.000	0.018	0.001	0.894	0.017	0.001	0.962	0.015	0.001	0.797	0.017	0.001	0.975	0.017	0.001	0.997
Uterus	0.030	0.005	0.709	0.035	0.005	0.963	0.031	0.005	1.000	0.031	0.005	1.000	0.028	0.005	1.000	0.030	0.005	1.000	0.031	0.005	1.000	0.029	0.005	1.000

Table 13. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Females (Receiving Wt Covariate)

	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.392	0.016	0.337	1.387	0.019	0.294	1.422	0.016	0.996	1.407	0.016	0.764	1.407	0.015	0.556
Fat Pad Ov/Pm	0.082	0.008	0.999	0.076	0.011	0.827	0.054	0.008	0.030	0.043	0.008	0.002	0.080	0.008	0.835
Fat Pad Retro	0.112	0.009	0.446	0.108	0.011	0.712	0.098	0.009	0.990	0.115	0.009	0.300	0.095	0.009	0.727
Mammary Gl	0.220	0.016	0.987	0.201	0.020	0.763	0.185	0.016	0.262	0.129	0.016	0.000	0.198	0.016	0.399
Ovary (Combined)	0.015	0.001	0.328	0.013	0.001	0.068	0.011	0.001	0.000	0.012	0.001	0.001	0.015	0.001	0.468
Uterus	0.030	0.005	0.996	0.031	0.006	0.971	0.048	0.005	0.022	0.117	0.005	0.000	0.029	0.005	0.970

All p-values and % are relative to the control group, except p-values for the linear trend presented under the control group.

Table 14. Least Square Means Treatment Percent of Vehicle for Female Organ Weight

Analysis	Organ	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE_2 0.5 (µg/kg)	EE_2 5.0 (µg/kg)	Naïve Control
ANOVA	Brain	98.3	99.3	99.6	97.9	99.1	100.0	100.8	97.4	96.5	100.6	99.5	99.1
	Fat Pad Ov/Pm	84.2	105.1	90.8	78.8	113.3	94.7	101.5	92.6	79.3	70.1	56.6	96.9
	Fat Pad Retro	88.5	121.0	91.9	75.3	102.3	88.8	102.1	103.1	91.1	106.8	124.2	95.6
	Mammary Gl	84.5	99.8	90.6	87.5	92.4	85.4	97.4	94.0	79.4	91.1	64.9	91.1
	Ovary	106.8	104.8	106.3	104.4	93.0	105.9	104.6	86.1	74.2	67.2	73.9	94.0
	Uterus	118.5	106.1	105.0	94.9	101.7	106.4	97.8	99.8	101.8	162.4	397.3	99.1
ANOCOVA (Brain Weight Covariate)	Fat Pad Ov/Pm	86.5	106.1	91.2	81.5	114.7	94.6	100.3	96.1	84.0	68.9	56.8	98.2
	Fat Pad Retro	92.4	123.0	92.8	80.0	104.6	88.6	100.1	109.5	99.4	105.5	126.0	97.8
	Mammary Gl	87.6	101.1	91.0	91.6	94.1	85.1	95.7	99.0	86.0	89.7	65.4	92.8
	Ovary	108.9	105.6	106.8	106.9	94.0	106.0	104.1	89.3	78.0	66.1	74.2	95.0
	Uterus	119.7	106.6	105.3	96.3	102.3	106.4	97.2	101.6	104.2	162.4	399.4	99.7
ANOCOVA (Receiving Weight Covariate)	Brain	97.9	98.9	99.8	98.2	98.7	99.9	100.6	98.0	97.6	100.1	99.1	99.1
	Fat Pad Ov/Pm	79.9	99.7	93.4	82.4	109.1	94.3	99.3	99.4	91.6	64.8	51.8	97.0
	Fat Pad Retro	81.9	112.7	95.9	80.9	96.1	88.2	98.8	113.3	109.6	98.5	116.5	95.7
	Mammary Gl	79.8	93.9	94.7	91.5	88.0	85.0	95.1	101.4	92.8	85.2	59.7	91.3
	Ovary	104.6	102.1	107.6	106.1	90.9	105.7	104.0	89.2	80.4	64.5	71.5	94.0
	Uterus	117.1	104.5	105.7	96.0	100.4	106.3	97.2	101.9	105.5	160.7	395.4	99.1

Table 15. Unadjusted P-values for Female Organ Weight

Analysis	Organ	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE_2 0.5 (µg/kg)	EE_2 5.0 (µg/kg)	Naïve Control
ANOVA	Brain	0.282	0.697	0.802	0.196	0.579	0.991	0.607	0.114	0.060	0.714	0.756	0.573
	Fat Pad Ov/Pm	0.299	0.752	0.552	0.177	0.398	0.734	0.925	0.635	0.242	0.058	0.006	0.843
	Fat Pad Retro	0.435	0.182	0.593	0.107	0.879	0.463	0.892	0.839	0.604	0.656	0.113	0.772
	Mammary Gl	0.189	0.985	0.443	0.309	0.536	0.232	0.832	0.621	0.137	0.465	0.004	0.469
	Ovary (Combined)	0.422	0.597	0.468	0.619	0.425	0.502	0.604	0.119	0.010	0.000	0.003	0.491
	Uterus	0.426	0.805	0.833	0.831	0.944	0.790	0.927	0.994	0.946	0.010	0.000	0.970
ANOCOVA (Brain Weight Covariate)	Fat Pad Ov/Pm	0.376	0.707	0.573	0.243	0.351	0.733	0.985	0.807	0.370	0.049	0.006	0.907
	Fat Pad Retro	0.605	0.138	0.627	0.188	0.760	0.450	0.997	0.530	0.974	0.717	0.086	0.882
	Mammary Gl	0.288	0.932	0.454	0.485	0.625	0.217	0.719	0.936	0.307	0.392	0.004	0.552
	Ovary(Combined)	0.292	0.532	0.426	0.430	0.489	0.491	0.638	0.228	0.026	0.000	0.003	0.562
	Uterus	0.398	0.791	0.824	0.879	0.924	0.789	0.908	0.947	0.877	0.010	0.000	0.991
ANOCOVA (Receiving Weight Covariate)	Brain	0.164	0.479	0.908	0.246	0.411	0.972	0.675	0.202	0.174	0.940	0.540	0.556
	Fat Pad Ov/Pm	0.153	0.983	0.644	0.226	0.532	0.692	0.962	0.966	0.608	0.016	0.001	0.835
	Fat Pad Retro	0.128	0.313	0.733	0.119	0.747	0.336	0.922	0.277	0.490	0.905	0.178	0.727
	Mammary Gl	0.044	0.567	0.607	0.410	0.245	0.147	0.633	0.895	0.539	0.154	0.000	0.399
	Ovary(Combined)	0.564	0.809	0.353	0.457	0.273	0.492	0.630	0.196	0.037	0.000	0.001	0.468
	Uterus	0.459	0.856	0.808	0.866	0.985	0.794	0.906	0.938	0.840	0.012	0.000	0.970

Table 16. ANOVA for Males

Organ	Effect	NumDF	DenDF	FValue	ProbF
Brain	Group	12	234	2.010	0.024
Fat Pad Epidid	Group	12	235	7.464	0.000
Fat Pad Retro	Group	12	235	3.470	0.000
Mammary Gl	Group	12	235	1.183	0.296
Prostate	Group	12	235	1.726	0.062

Table 17. ANOCOVA for Males (Brain Weight Covariate)

Organ	Effect	NumDF	DenDF	FValue	ProbF
Fat Pad Epidid	Group	12	233	6.402	0.000
Fat Pad Epidid	Brain Weight	1	233	9.230	0.003
Fat Pad Retro	Group	12	233	3.705	0.000
Fat Pad Retro	Brain Weight	1	233	7.935	0.005
Mammary Gl	Group	12	233	1.029	0.423
Mammary Gl	Brain Weight	1	233	14.358	0.000
Prostate	Group	12	233	1.556	0.106
Prostate	Brain Weight	1	233	1.489	0.224

Table 18. ANOCOVA for Males (Receiving Weight Covariate)

Organ	Effect	NumDF	DenDF	FValue	ProbF
Brain	Group	12	233	1.072	0.384
Brain	Receiving Weight	1	233	62.971	0.000
Fat Pad Epidid	Group	12	234	8.423	0.000
Fat Pad Epidid	Receiving Weight	1	234	119.004	0.000
Fat Pad Retro	Group	12	234	5.123	0.000
Fat Pad Retro	Receiving Weight	1	234	138.971	0.000
Mammary Gl	Group	12	234	1.284	0.228
Mammary Gl	Receiving Weight	1	234	79.117	0.000
Prostate	Group	12	234	1.466	0.138
Prostate	Receiving Weight	1	234	39.436	0.000

Table 19. ANOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Males

	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.478	0.015	0.135	1.482	0.014	1.000	1.487	0.016	0.998	1.500	0.014	0.798	1.465	0.015	0.987	1.444	0.015	0.420	1.484	0.015	1.000	1.454	0.015	0.761
Fat Pad Epidid	0.101	0.007	0.295	0.108	0.007	0.953	0.122	0.008	0.201	0.114	0.007	0.599	0.096	0.007	0.998	0.111	0.007	0.817	0.123	0.007	0.121	0.098	0.007	1.000
Fat Pad Retro	0.142	0.012	0.754	0.126	0.011	0.865	0.162	0.013	0.738	0.127	0.012	0.916	0.116	0.012	0.509	0.137	0.012	1.000	0.151	0.012	0.994	0.129	0.012	0.957
Mammary Gl	0.184	0.016	0.512	0.186	0.015	1.000	0.211	0.018	0.771	0.189	0.016	1.000	0.181	0.016	1.000	0.206	0.016	0.874	0.209	0.016	0.793	0.201	0.016	0.960
Prostate	0.049	0.002	0.740	0.050	0.002	1.000	0.049	0.003	1.000	0.050	0.002	0.999	0.047	0.002	0.991	0.048	0.002	1.000	0.048	0.002	1.000	0.048	0.002	1.000

Table 19. ANOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Males

	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.479	0.015	0.995	1.409	0.021	0.015	1.466	0.015	0.790	1.446	0.016	0.249	1.484	0.015	0.753
Fat Pad Epidid	0.108	0.007	0.673	0.069	0.010	0.018	0.091	0.007	0.512	0.048	0.007	0.000	0.107	0.007	0.501
Fat Pad Retro	0.144	0.012	0.985	0.119	0.017	0.434	0.168	0.012	0.204	0.200	0.012	0.002	0.133	0.012	0.590
Mammary Gl	0.195	0.016	0.830	0.159	0.023	0.593	0.197	0.017	0.782	0.143	0.017	0.160	0.190	0.016	0.778
Prostate	0.046	0.002	0.694	0.039	0.003	0.032	0.049	0.002	0.998	0.042	0.002	0.072	0.042	0.002	0.053

All p-values and % are relative to the control group, except p-values for the linear trend presented under the control group.

Table 20. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Males (Brain Wt Covariate)

	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Fat Pad Epidid	0.100	0.007	0.429	0.107	0.006	0.960	0.120	0.008	0.223	0.111	0.007	0.745	0.097	0.007	1.000	0.114	0.007	0.579	0.121	0.007	0.179	0.100	0.007	1.000
Fat Pad Retro	0.140	0.012	0.964	0.124	0.011	0.837	0.160	0.013	0.783	0.123	0.012	0.801	0.117	0.012	0.578	0.141	0.012	1.000	0.148	0.012	0.997	0.131	0.012	0.992
Mammary Gl	0.182	0.016	0.305	0.183	0.015	1.000	0.207	0.017	0.822	0.181	0.016	1.000	0.182	0.016	1.000	0.213	0.016	0.587	0.204	0.016	0.863	0.205	0.016	0.824
Prostate	0.049	0.002	0.788	0.050	0.002	1.000	0.049	0.003	1.000	0.050	0.002	1.000	0.047	0.002	0.994	0.049	0.002	1.000	0.047	0.002	0.995	0.048	0.002	1.000

Table 20. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Males (Brain Wt Covariate)

	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Fat Pad Epidid	0.107	0.007	0.676	0.074	0.010	0.069	0.091	0.007	0.578	0.050	0.007	0.000	0.106	0.007	0.535
Fat Pad Retro	0.143	0.012	0.988	0.128	0.017	0.760	0.169	0.012	0.161	0.203	0.012	0.001	0.130	0.012	0.546
Mammary Gl	0.193	0.016	0.835	0.175	0.023	0.965	0.199	0.016	0.677	0.150	0.017	0.288	0.186	0.016	0.832
Prostate	0.046	0.002	0.687	0.040	0.003	0.057	0.049	0.002	0.992	0.042	0.002	0.093	0.042	0.002	0.049

All p-values and % are relative to the control group, except p-values for the linear trend presented under the control group.

Table 21. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Males (Receiving Wt Covariate)

	Vehicle			BPA 2.5 (µg/kg)			BPA 8 (µg/kg)			BPA 25 (µg/kg)			BPA 80 (µg/kg)			BPA 260 (µg/kg)			BPA 840 (µg/kg)			BPA 2700 (µg/kg)		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.480	0.013	0.144	1.478	0.012	1.000	1.474	0.014	1.000	1.495	0.013	0.945	1.471	0.013	0.996	1.454	0.013	0.578	1.469	0.014	0.991	1.457	0.013	0.701
Fat Pad Epidid	0.102	0.006	0.314	0.106	0.005	0.997	0.114	0.006	0.569	0.111	0.006	0.799	0.100	0.006	1.000	0.118	0.006	0.267	0.114	0.006	0.596	0.100	0.006	1.000
Fat Pad Retro	0.145	0.009	0.924	0.122	0.009	0.327	0.149	0.010	1.000	0.122	0.009	0.348	0.123	0.009	0.439	0.148	0.009	1.000	0.134	0.010	0.939	0.133	0.009	0.919
Mammary Gl	0.187	0.014	0.326	0.182	0.013	1.000	0.196	0.015	0.998	0.183	0.014	1.000	0.188	0.014	1.000	0.219	0.014	0.443	0.190	0.014	1.000	0.206	0.014	0.891
Prostate	0.049	0.002	0.843	0.049	0.002	1.000	0.047	0.002	0.997	0.049	0.002	1.000	0.048	0.002	0.997	0.050	0.002	1.000	0.046	0.002	0.840	0.049	0.002	1.000

Table 21. ANOCOVA Comparison of Least Square Mean Organ Weights Across Dose Groups for Males (Receiving Wt Covariate)

	BPA 100,000 (µg/kg)			BPA 300,000 (µg/kg)			EE_2 0.5 (µg/kg)			EE_2 5.0 (µg/kg)			Naïve Control		
Organ	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val	Mean	S.E.	P-val
Brain	1.474	0.013	0.926	1.445	0.019	0.222	1.462	0.013	0.531	1.448	0.014	0.165	1.484	0.013	0.834
Fat Pad Epidid	0.105	0.006	0.919	0.090	0.008	0.393	0.089	0.006	0.180	0.050	0.006	0.000	0.107	0.006	0.532
Fat Pad Retro	0.139	0.009	0.869	0.157	0.014	0.671	0.165	0.010	0.227	0.202	0.010	0.000	0.133	0.009	0.372
Mammary Gl	0.189	0.014	0.990	0.203	0.021	0.759	0.194	0.015	0.925	0.146	0.015	0.084	0.190	0.014	0.870
Prostate	0.046	0.002	0.436	0.044	0.003	0.267	0.048	0.002	0.975	0.042	0.002	0.045	0.042	0.002	0.028

All p-values and % are relative to the control group, except p-values for the linear trend presented under the control group.

Table 22. Least Square Means Treatment Percent of Vehicle for Male Organ Weight

Analysis	Organ	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE_2 0.5 (µg/kg)	EE_2 5.0 (µg/kg)	Naïve Control
ANOVA	Brain	100.3	100.6	101.5	99.1	97.7	100.4	98.4	100.1	95.4	99.2	97.9	100.4
	Fat Pad Epidid	107.5	121.0	113.5	95.6	110.6	122.5	97.5	107.4	68.3	90.1	48.0	106.7
	Fat Pad Retro	88.7	114.6	89.7	82.3	96.8	106.4	91.0	101.7	83.9	118.8	141.1	93.6
	Mammary Gl	101.3	114.9	103.0	98.3	112.2	113.9	109.5	106.4	86.7	107.5	78.1	103.6
	Prostate	102.2	100.9	102.7	96.1	99.2	98.5	98.9	95.1	79.8	100.4	85.4	86.7
ANOCOVA (Brain Weight Covariate)	Fat Pad Epidid	107.2	120.3	111.4	96.8	113.8	120.8	99.7	107.3	74.5	91.2	50.5	106.1
	Fat Pad Retro	88.2	113.8	87.3	83.5	100.3	105.6	93.4	101.5	90.9	120.2	144.7	92.9
	Mammary Gl	100.7	113.7	99.7	100.2	117.3	112.4	113.1	106.2	96.6	109.3	82.4	102.6
	Prostate	102.1	100.7	102.2	96.4	100.0	96.4	99.5	95.0	81.6	100.7	86.2	86.5
ANOCOVA (Receiving Weight Covariate	Brain	99.8	99.6	101.0	99.4	98.2	99.3	98.4	99.6	97.6	98.8	97.8	100.3
	Fat Pad Epidid	103.6	111.8	108.6	97.8	115.0	111.0	98.2	102.7	88.3	86.8	48.4	105.0
	Fat Pad Retro	84.2	103.2	84.2	85.3	102.7	92.4	92.0	95.9	108.6	114.1	139.7	91.8
	Mammary Gl	97.1	104.9	97.9	100.7	117.0	101.5	110.0	101.2	108.3	103.5	78.0	101.7
	Prostate	100.4	96.8	100.6	97.1	101.3	93.5	99.2	93.0	88.9	98.8	85.3	86.1

Table 23. Unadjusted P-values for Male Organ Weight

Analysis	Organ	BPA 2.5 (µg/kg)	BPA 8 (µg/kg)	BPA 25 (µg/kg)	BPA 80 (µg/kg)	BPA 260 (µg/kg)	BPA 840 (µg/kg)	BPA 2700 (µg/kg)	BPA 100,000 (µg/kg)	BPA 300,000 (µg/kg)	EE_2 0.5 (µg/kg)	EE_2 5.0 (µg/kg)	Naïve Control
ANOVA	Brain	0.845	0.667	0.274	0.543	0.106	0.767	0.250	0.932	0.008	0.567	0.145	0.753
	Fat Pad Epidid	0.435	0.043	0.171	0.660	0.286	0.024	0.802	0.454	0.010	0.325	0.000	0.501
	Fat Pad Retro	0.325	0.237	0.379	0.136	0.790	0.590	0.446	0.885	0.269	0.117	0.001	0.590
	Mammary Gl	0.915	0.256	0.807	0.896	0.333	0.270	0.452	0.612	0.388	0.558	0.091	0.778
	Prostate	0.743	0.899	0.686	0.567	0.902	0.828	0.869	0.473	0.017	0.955	0.039	0.053
ANOCOVA (Brain Weight Covariate)	Fat Pad Epidid	0.451	0.049	0.241	0.744	0.163	0.038	0.979	0.457	0.038	0.375	0.000	0.535
	Fat Pad Retro	0.302	0.264	0.276	0.162	0.977	0.641	0.576	0.896	0.536	0.091	0.000	0.546
	Mammary Gl	0.952	0.290	0.984	0.987	0.166	0.323	0.292	0.617	0.825	0.458	0.170	0.832
	Prostate	0.754	0.925	0.750	0.598	0.995	0.603	0.941	0.467	0.031	0.918	0.051	0.049
ANOCOVA (Receiving Weight Covariate)	Brain	0.888	0.767	0.421	0.625	0.162	0.565	0.217	0.746	0.128	0.339	0.094	0.834
	Fat Pad Epidid	0.644	0.159	0.274	0.785	0.060	0.170	0.821	0.733	0.240	0.103	0.000	0.532
	Fat Pad Retro	0.077	0.741	0.083	0.112	0.771	0.412	0.382	0.660	0.452	0.132	0.000	0.372
	Mammary Gl	0.780	0.663	0.846	0.948	0.113	0.891	0.350	0.908	0.534	0.745	0.046	0.870
	Prostate	0.945	0.633	0.921	0.642	0.841	0.304	0.895	0.270	0.157	0.852	0.024	0.028