| Table 1. Summary Statistics of Gestational Length | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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) | | |
| Analysis | 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. |
| Dams with Pups On Study | 23 | 22.4 | 0.1 | 26 | 22.4 | 0.1 | 18 | 22.5 | 0.1 | 24 | 22.5 | 0.1 | 24 | 22.4 | 0.1 | 23 | 22.4 | 0.1 | 22 | 22.4 | 0.1 | 25 | 22.4 | 0.1 |
| All Dams On Study | 24 | 22.4 | 0.1 | 27 | 22.4 | 0.1 | 22 | 22.5 | 0.1 | 26 | 22.5 | 0.1 | 26 | 22.4 | 0.1 | 28 | 22.3 | 0.1 | 24 | 22.5 | 0.1 | 27 | 22.3 | 0.1 |

| Table 1. Summary Statistics of Gestational Length | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BPA 100,000 (µg/kg) | | | BPA 300,000 (µg/kg) | | | $EE_2$ 0.5 (µg/kg) | | | $EE_2$ 5.0 (µg/kg) | | | Naïve Control | | |
| Analysis | N | Mean | S.E. | N | Mean | S.E. | N | Mean | S.E. | N | Mean | S.E. | N | Mean | S.E. |
| Dams with Pups On Study | 24 | 22.6 | 0.1 | 25 | 22.4 | 0.1 | 20 | 22.3 | 0.1 | 21 | 22.3 | 0.1 | 25 | 22.4 | 0.1 |
| All Dams On Study | 26 | 22.6 | 0.1 | 31 | 22.4 | 0.1 | 26 | 22.4 | 0.1 | 23 | 22.4 | 0.1 | 28 | 22.4 | 0.1 |

Table 2. ANOVA[1] Results for Gestational Length for Dams with Pups On Study

| Subgroup | Effect | NumDF | DenDF | FValue | ProbF |
|---|---|---|---|---|---|
| Lower BPA | TrtGroup | 7 | 177 | 0.231 | 0.977 |
| High BPA | TrtGroup | 2 | 69 | 1.399 | 0.254 |
| EE2 | TrtGroup | 2 | 61 | 0.155 | 0.857 |
| Naive | TrtGroup | 1 | 46 | 0.280 | 0.599 |

1 Subgroup analyses were conducted separately.

Table 3. Lower BPA: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle[1] | 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) |
|---|---|---|---|---|---|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.4 ± 0.1 | 22.5 ± 0.1 | 22.5 ± 0.1 | 22.4 ± 0.1 | 22.4 ± 0.1 | 22.4 ± 0.1 | 22.4 ± 0.1 |
| Dunnett Adjusted P-value | | 1.000 | 0.992 | 0.897 | 1.000 | 1.000 | 1.000 | 1.000 |
| Unadjusted P-value | 0.619 | 0.804 | 0.575 | 0.357 | 0.807 | 0.926 | 0.829 | 0.994 |

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

Table 4. High BPA: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle | BPA 100,000 (µg/kg) | BPA 300,000 (µg/kg) |
|---|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.6 ± 0.1 | 22.4 ± 0.1 |
| Dunnett Adjusted P-value | | 0.283 | 0.996 |
| Unadjusted P-value | | 0.168 | 0.939 |

Table 5. EE2: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle | $EE_2$ 0.5 (µg/kg) | $EE_2$ 5.0 (µg/kg) |
|---|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.3 ± 0.1 | 22.3 ± 0.1 |
| Dunnett Adjusted P-value | | 0.877 | 0.829 |
| Unadjusted P-value | | 0.669 | 0.609 |

Table 6. Naive: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle | Naïve Control |
|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.4 ± 0.1 |
| Unadjusted P-value | | 0.599 |

Table 7. ANOVA[1] Results for Gestational Length for All Dams On Study

| Subgroup | Effect | NumDF | DenDF | FValue | ProbF |
|---|---|---|---|---|---|
| Lower BPA | TrtGroup | 7 | 196 | 0.460 | 0.863 |
| High BPA | TrtGroup | 2 | 78 | 1.269 | 0.287 |
| EE2 | TrtGroup | 2 | 70 | 0.030 | 0.971 |
| Naive | TrtGroup | 1 | 50 | 0.055 | 0.815 |

1 Subgroup analyses were conducted separately.

Table 8. Low Dose BPA: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle[1] | 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) |
|---|---|---|---|---|---|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.4 ± 0.1 | 22.5 ± 0.1 | 22.5 ± 0.1 | 22.4 ± 0.1 | 22.3 ± 0.1 | 22.5 ± 0.1 | 22.3 ± 0.1 |
| Dunnett Adjusted P-value | | 1.000 | 0.974 | 0.864 | 1.000 | 0.999 | 0.999 | 1.000 |
| Unadjusted P-value | 0.387 | 0.812 | 0.495 | 0.329 | 0.848 | 0.707 | 0.681 | 0.744 |

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

Table 9. High Dose BPA: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle | BPA 100,000 (µg/kg) | BPA 300,000 (µg/kg) |
|---|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.6 ± 0.1 | 22.4 ± 0.1 |
| Dunnett Adjusted P-value | | 0.355 | 0.979 |
| Unadjusted P-value | | 0.218 | 0.869 |

Table 10. EE2: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle | $EE_2$ 0.5 (µg/kg) | $EE_2$ 5.0 (µg/kg) |
|---|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.4 ± 0.1 | 22.4 ± 0.1 |
| Dunnett Adjusted P-value | | 0.963 | 0.973 |
| Unadjusted P-value | | 0.821 | 0.848 |

Table 11. Naive: Least Square Means and Comparisons of Gestational Length for Dams with Pups On Study

| Statistic | Vehicle | Naïve Control |
|---|---|---|
| LSMean ± S.E. | 22.4 ± 0.1 | 22.4 ± 0.1 |
| Unadjusted P-value | | 0.815 |