| Figure 1B: Fear Conditioning | | | | |
|---|---|---|---|---|
| **Analysis: 3-way ANOVA** | **% of total variation** | **F (DFn, DFd)** | **P value** | **Summary** |
| Sex | 3.604 | F (1, 59) = 3.696 | 0.0594 | ns |
| Age | 9.291 | F (1, 59) = 9.526 | 0.0031 | ** |
| LPS | 6.143 | F (1, 59) = 6.298 | 0.0149 | * |
| Sex x Age | 8.779 | F (1, 59) = 9.001 | 0.0039 | ** |
| Sex x LPS | 0.366 | F (1, 59) = 0.3753 | 0.5425 | ns |
| Age x LPS | 4.754 | F (1, 59) = 4.874 | 0.0312 | * |
| Sex x Age x LPS | 4.39 | F (1, 59) = 4.501 | 0.0381 | * |
| | | | | |
| **Posthoc: Šídák's multiple comparisons test** | **t** | **DF** | **Adjusted P value** | **Summary** |
| Male:Adult Saline vs. Female:Adult Saline | 0.2121 | 59 | >0.9999 | ns |
| Male:Adult LPS vs. Female:Adult LPS | 1.229 | 59 | 0.9522 | ns |
| Male:Aged Saline vs. Female:Aged Saline | 1.135 | 59 | 0.9735 | ns |
| Male:Aged LPS vs. Female:Aged LPS | 3.97 | 59 | 0.0024 | ** |
| Male:Adult Saline vs. Male:Adult LPS | 0.5737 | 59 | >0.9999 | ns |
| Male:Aged Saline vs. Male:Aged LPS | 4.098 | 59 | 0.0015 | ** |
| Female:Adult Saline vs. Female:Adult LPS | 0.8907 | 59 | 0.9966 | ns |
| Female:Aged Saline vs. Female:Aged LPS | 0.9755 | 59 | 0.9923 | ns |
| Male:Adult Saline vs. Male:Aged Saline | 0.9112 | 59 | 0.9958 | ns |
| Male:Adult LPS vs. Male:Aged LPS | 5.198 | 59 | <0.0001 | **** |
| Female:Adult Saline vs. Female:Aged Saline | 3.054E-09 | 59 | >0.9999 | ns |
| Female:Adult LPS vs. Female:Aged LPS | 0.08483 | 59 | >0.9999 | ns |