Table XX

*Bayesian Estimation of group differences in verbal fluency*

|  | Control sleep | |  | Sleep deprivation | |  | Difference | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Task | Control\_mu | Control\_sigma |  | SD\_mu | SD\_sigma |  | Difference\_mean | HDI\_low | HDI\_High | Effect\_size |
| FAS Score | 37.72 | 10.58 |  | 40.55 | 11.21 |  | 2.84 | -0.42 | 6.23 | 0.26 |
| FAS Errors | 1.54 | 1.52 |  | 1.43 | 1.37 |  | -0.12 | -0.68 | 0.44 | -0.08 |
| Verbs | 19.06 | 5.43 |  | 18.71 | 6.06 |  | -0.35 | -2.18 | 1.50 | -0.06 |
| Verbs Errors | 1.31 | 0.89 |  | 1.17 | 0.94 |  | -0.15 | -0.44 | 0.15 | -0.16 |

*Note.* Note. HDI = Highest Density Interval; Std.dev = residual standard deviation; Effect size = d-sub-a (Macmillan & Creelman 1991)