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| --- | --- | --- | --- |
| Response variable | Model distribution used | Model package (R) | Post-hoc |
| (i) time (%) inside APT | Quasi-binomial (overdispersion) | MASS (glmmPQL) | Tuckey |
| (ii) time (%) exploring the arena when outside APT |
| (iii) latency between fox model presentation and shelter (APT) seeking  | Gamma |
| (iv) number of hamster attacks on fox model | Quasi-poisson(count data and overdispersion) |