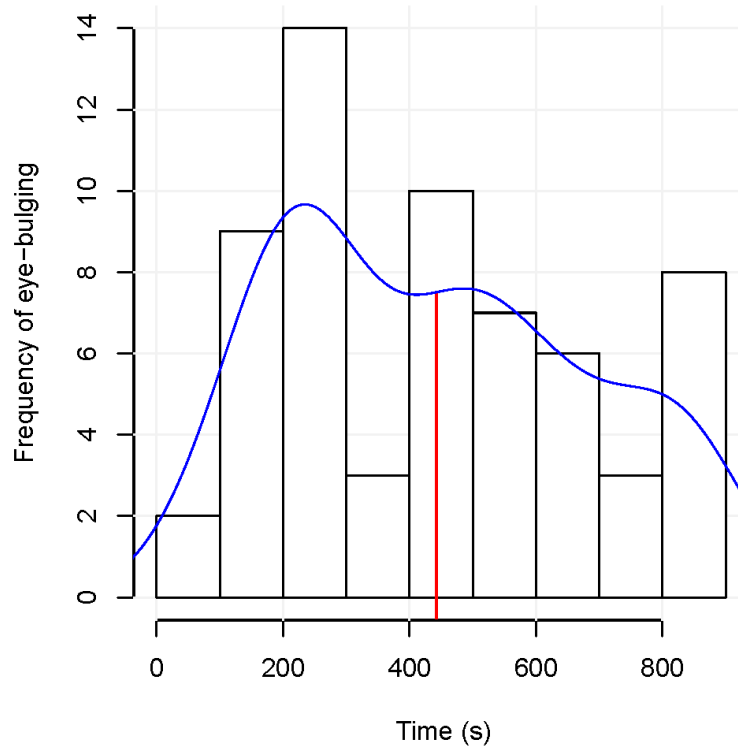


## SUPPLEMENTARY MATERIAL

### Supplemental Figure A



**Fig. A.** Frequency distribution of eye-bulging behavior during an observation trial (15 min = 900 s) across all trials and species (*S. jarrovi*, *S. tristichus*, and *S. virgatus*). The blue line depicts density values and the red line depicts the distribution mean. Distribution mean  $\pm$  S.D.: 442.3  $\pm$  238.6 s; range: 51–884 s.

**Supplemental Video 1:** *Sceloporus jarrovi* eye-bulging behavior followed by a chin wipe and substrate licking.

**Supplemental Video 2:** *Sceloporus virgatus* eye-bulging in association with tongue-flicking.