

SUPPLEMENTARY DATA (SD5): RELATIONSHIP BETWEEN 100% MINIMUM CONVEX POLYGON HOME RANGE SIZE AND NUMBER OF VALID TELEMETRY LOCATIONS FOR 20 ORGAN MOUNTAINS COLORADO CHIPMUNKS (*NEOTAMIAS QUADRIVITTATUS AUSTRALIS*) RADIO-TRACKED IN THE ORGAN MOUNTAINS, NM FROM OCTOBER 2018 – JULY 2019.

We determined the number of telemetry points needed to estimate home range using a home range area curve, which is a graph of the number of independent locations against the estimated home range (Figure SD5.1; Odom and Kuenzler 1955; Haines et al. 2006). The asymptote is considered to represent the number of locations needed to estimate home range size accurately (Odom and Kuenzler 1955).

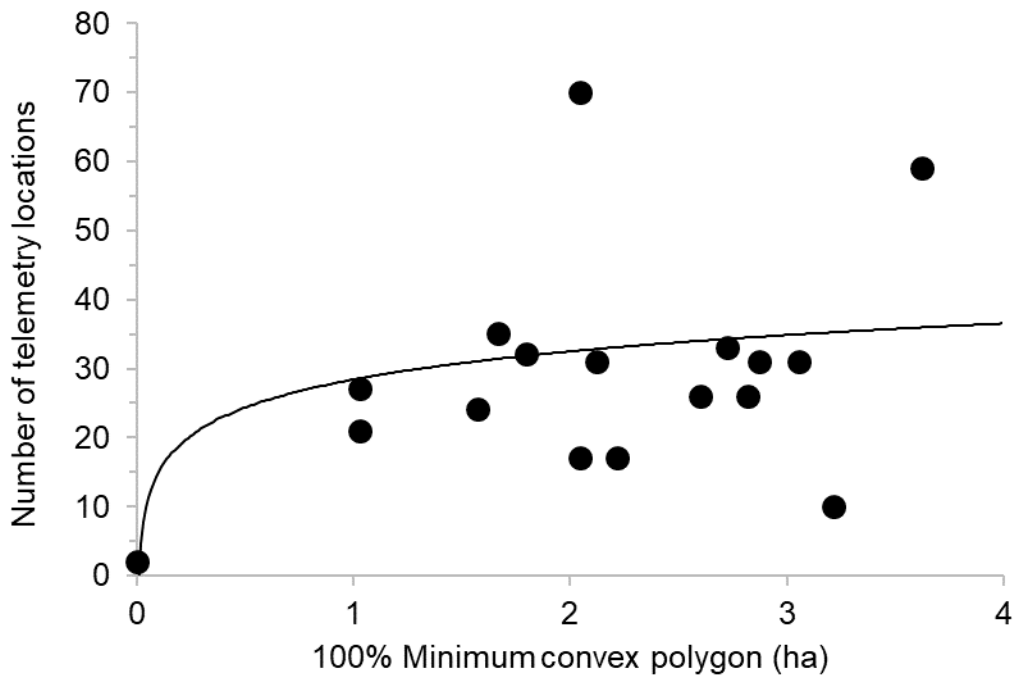


Figure SD5.1. Relationship between 100% MCP home range size (Ha) and number of valid radio-telemetry points obtained for *Neotamias quadrivittatus australis* within the Aguirre Springs Recreation Area, Organ Mountains-Desert Peaks National Monument October 2018 – July 2019 ($n = 19$).