

Assignment 3: Flying Squirrels at Different Elevations

Abigail Taylor and Ruby Sweeney-Orwig

- There is competition between *G. sabrinus* and *G. fuscus*, because the presence of *G. fuscus* limits the density of *G. sabrinus* at higher elevations.
- When using the same initial densities, the two species are shown to be competing at around 1100 m, where the densities switch from more *G. sabrinus* to more *G. fuscus*.
- The *G. sabrinus* species “wins” competition at lower elevations (<1000 m) and “loses” at higher elevations, and the *G. fuscus* species “wins” at higher elevations (>1100 m) and “loses” at lower elevations.
- The two species coexist when *G. sabrinus* inhabits lower elevations and *G. fuscus* inhabits higher elevations of the same mountain side.

