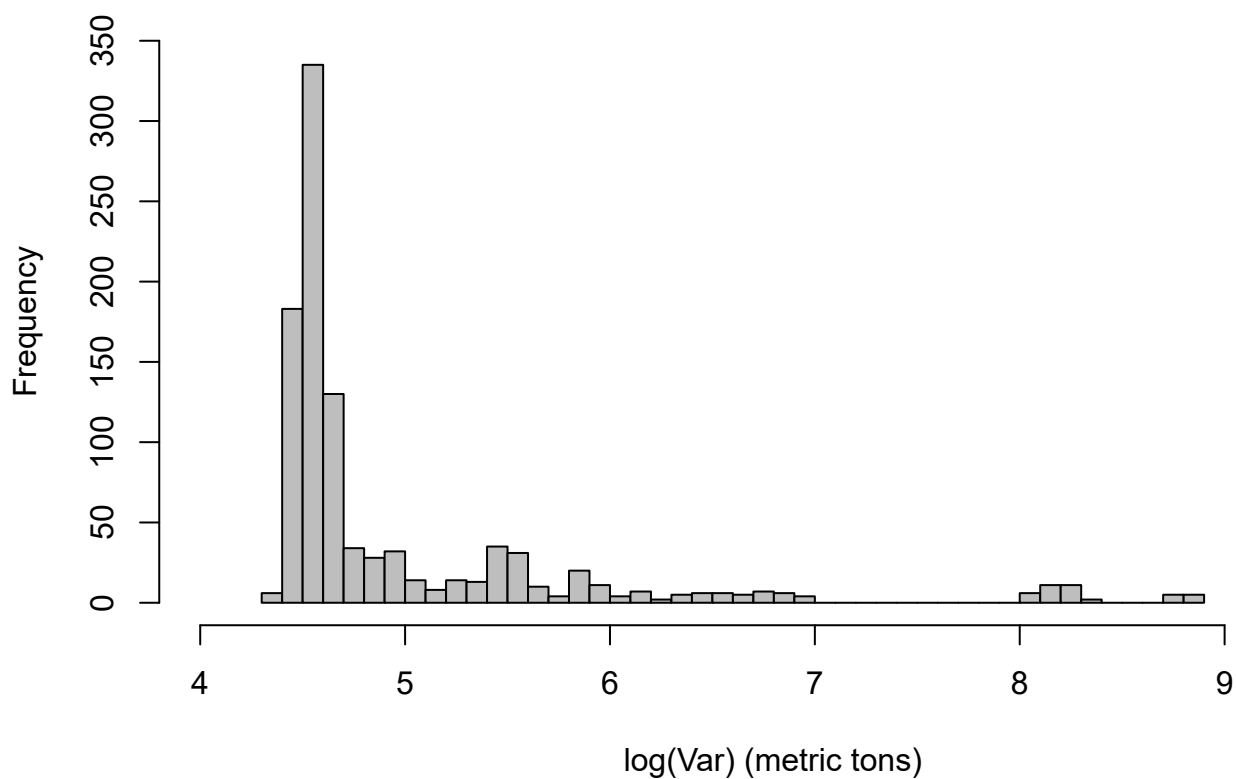


## Arrowtooth flounder (VSY)



Supplementary Figure 2. Frequency distribution of estimates of variance in biomass from the use of the scenario in which the model-based estimator was paired with a systematic sampling design (VSY scenario) for arrowtooth flounder (*Atheresthes stomias*) in logarithmic scale. The distribution shows the 1000 variance estimates from the 100 replicate surveys in the Gulf of Alaska simulated for each of the 10 survey years between 1996 and 2015.