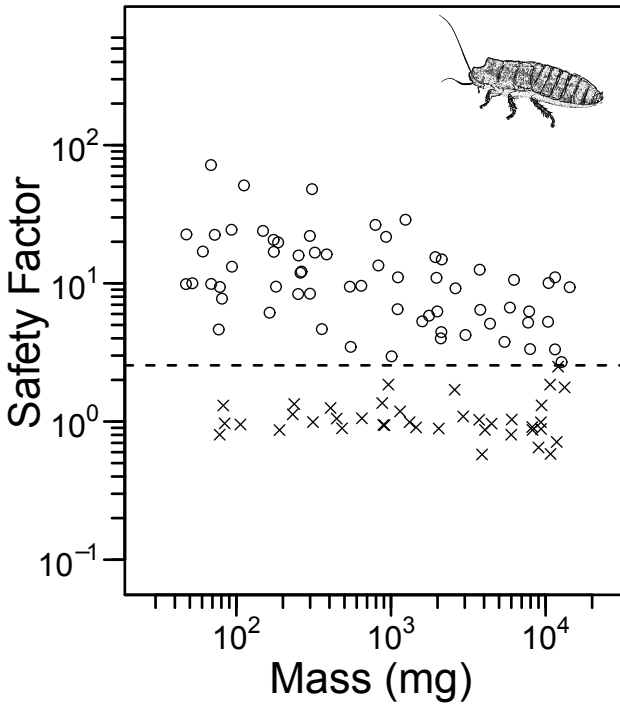


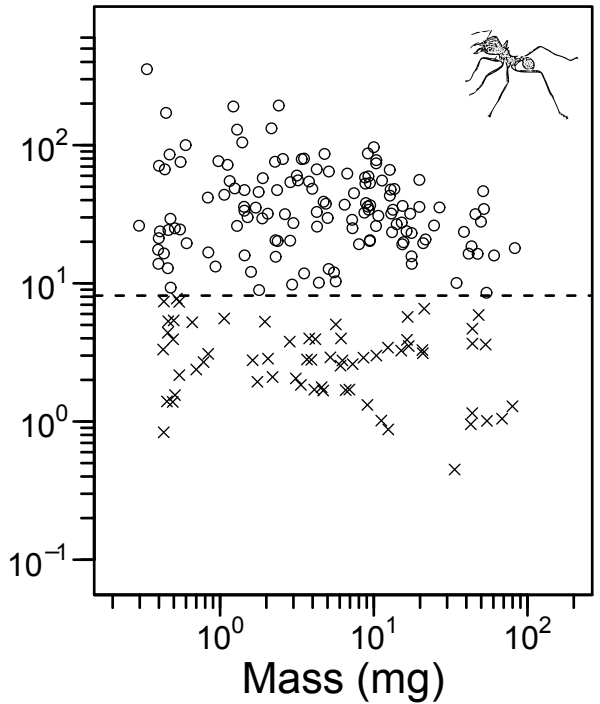
G. portentosa

A. cephalotes

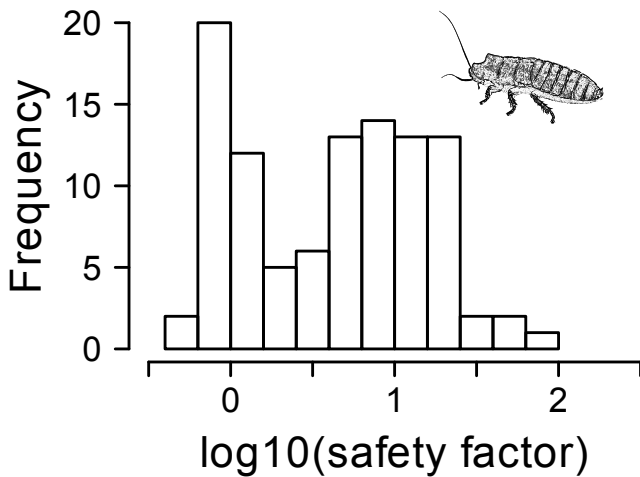
A.



B.



C.



D.

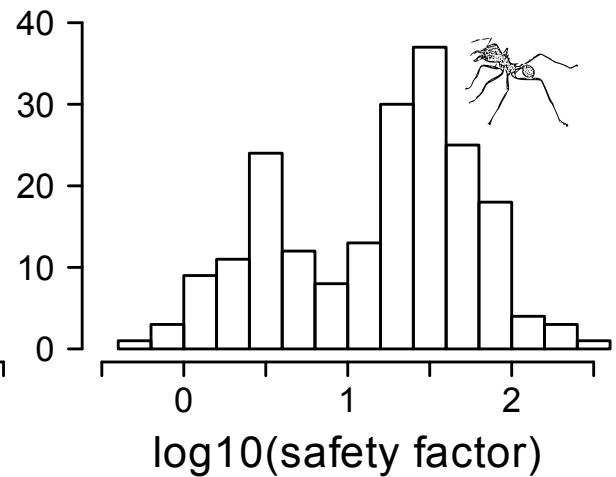


Figure S1. A & B: Safety factors versus mass and C & D: histograms of safety factor for A. and C. *Gromphadorhina portentosa* (n = 103) and B. & D. *Atta cephalotes* (n = 199) on the centrifuge. For A and B the dashed line indicates separation between those individuals which gripped (circles) and slipped (crosses).