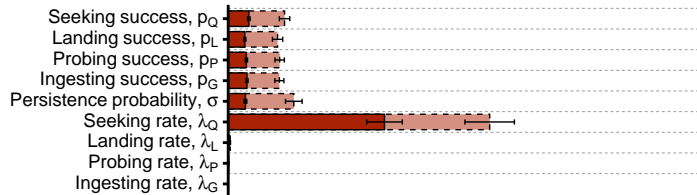
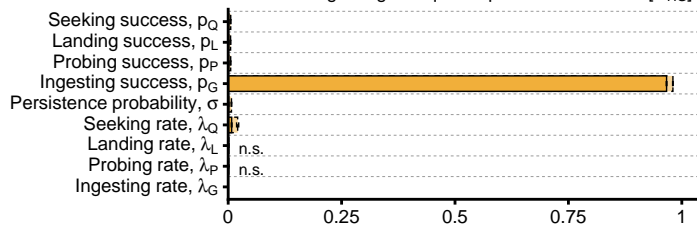
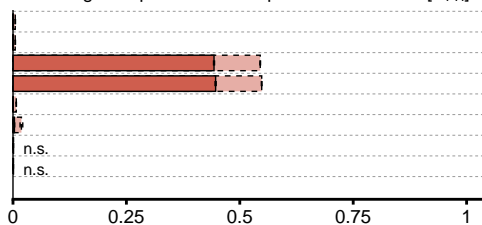


Basic offspring number [N_0]Basic reproduction number [R_0]Host-to-ingesting mosquito reproduction number [R_{HG}]Probing mosquito-to-host reproduction number [R_{PH}]

First order Total order