

Supplementary Figure 1. Change in explained variance (*R*2) of models relating (a) incidence of vulnerability to overexploitation and (b) magnitude of vulnerability to overexploitation with various life-history traits across twelve parrotfish species from Guam after substitution of Guam-specific *Hipposcarus longiceps* data in lieu of data previously derived from Pohnpei, FSM (Taylor et al. 2014). Dashed black line represents the mean change in *R*2 across all 6 traits, whereas dashed grey line represents the mean change in *R*2 across traits excluding *t50* (the only trait that showed a reduction in explained variance). *t50* = age at female maturity (years), *L1-3* = modelled growth (in mm) from age 1 to 3 years, *L50* = length at female maturity (mm), *Lmax* = mean maximum length (mm), *L∆50* = length at sex change (mm), *Tmax* = mean maximum age (years).