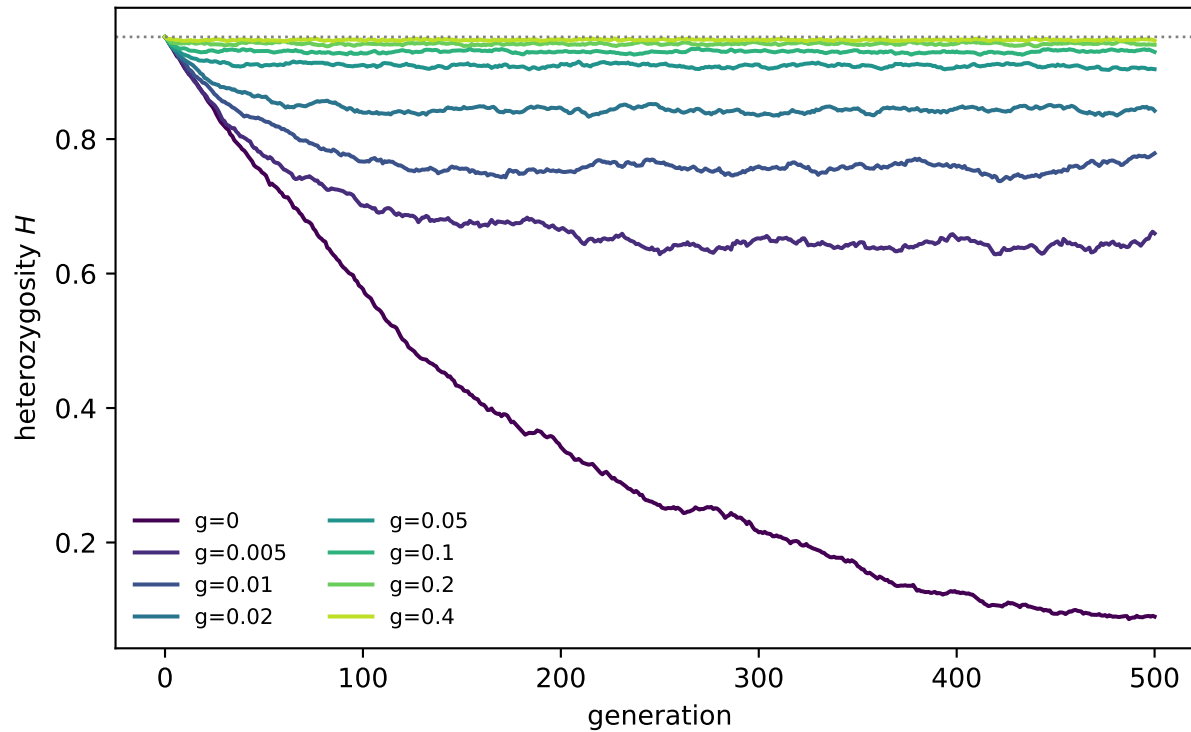
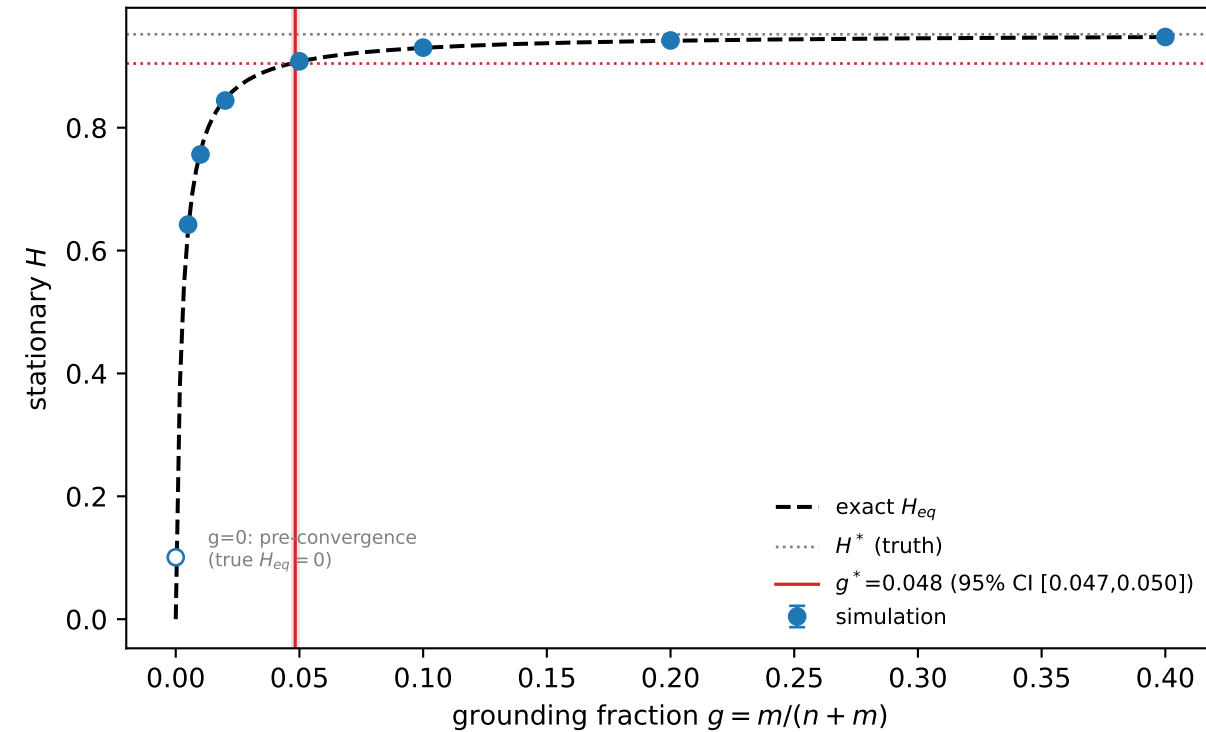


E2 — a critical grounding ratio $g^* \ll 1$ rescues diversity; the deep tail needs recombination

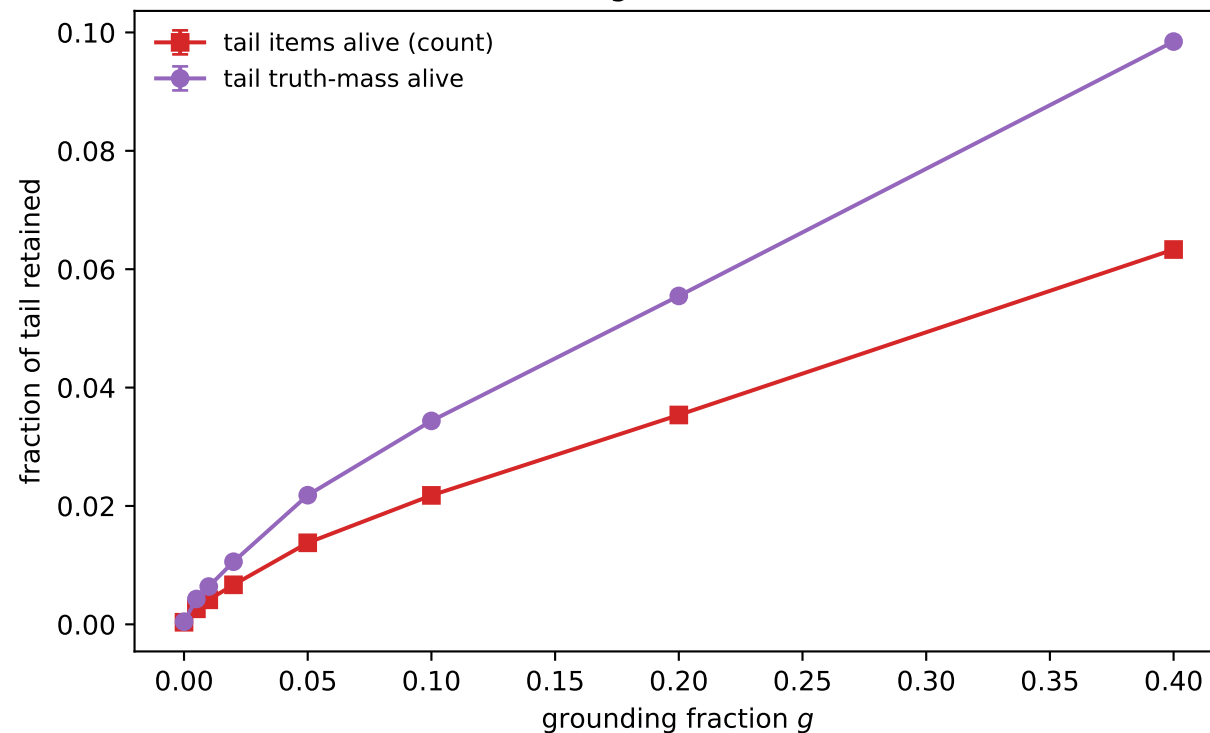
Trajectories: $g=0$ collapses, $g>0$ plateau



Grounding saturates by $g^* \approx 0.05$ (95% of H^*)



Tail stays largely unrescued at feasible g (rises with g ; motivates E4/E6)



Per-rarity band: the $mp_i^* \geq 1$ threshold (deep lags)

