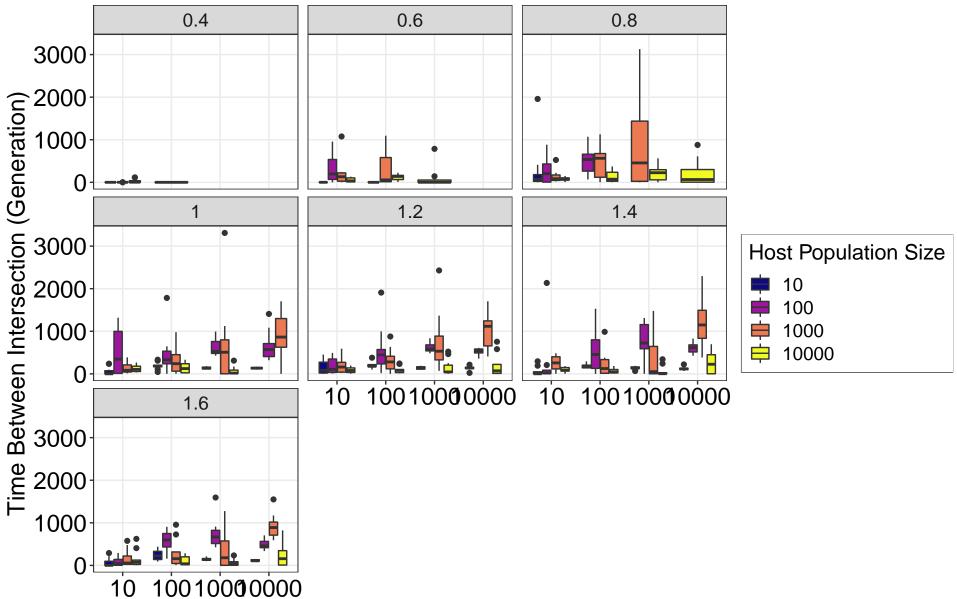Dichotomy Plot as Sigma_K Changes