More-spread simulated data  $log(\alpha)$  $\text{log}(\kappa)$ -5.5 1.5 -6.0 1.0 -6.5 -7.0 0.5 -7.5 0.0 10 20 10 15 20 15 log(D) $\text{log}(\lambda_c)$ 1.0 3.7 0.5 3.6 Posterior mean and 95% CI 3.5 0.0 3.4 -0.5 3.3 10 15 20 10 15 20  $\log(L_h)$  $\log(L_m)$ 4.0 3.5 3.5 3.0 3.0 2.5 2.5 2.0

