δ_{LL} for fixed R =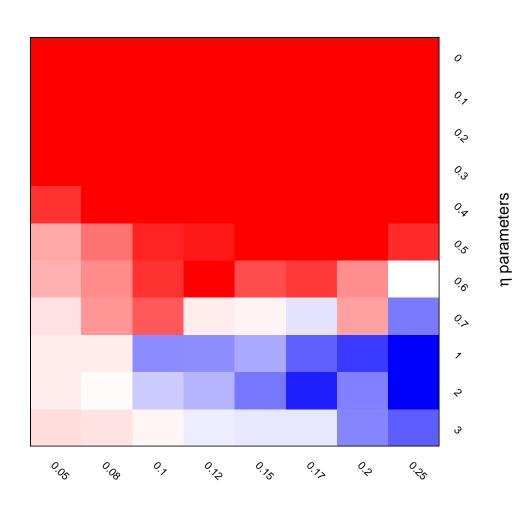 0.02