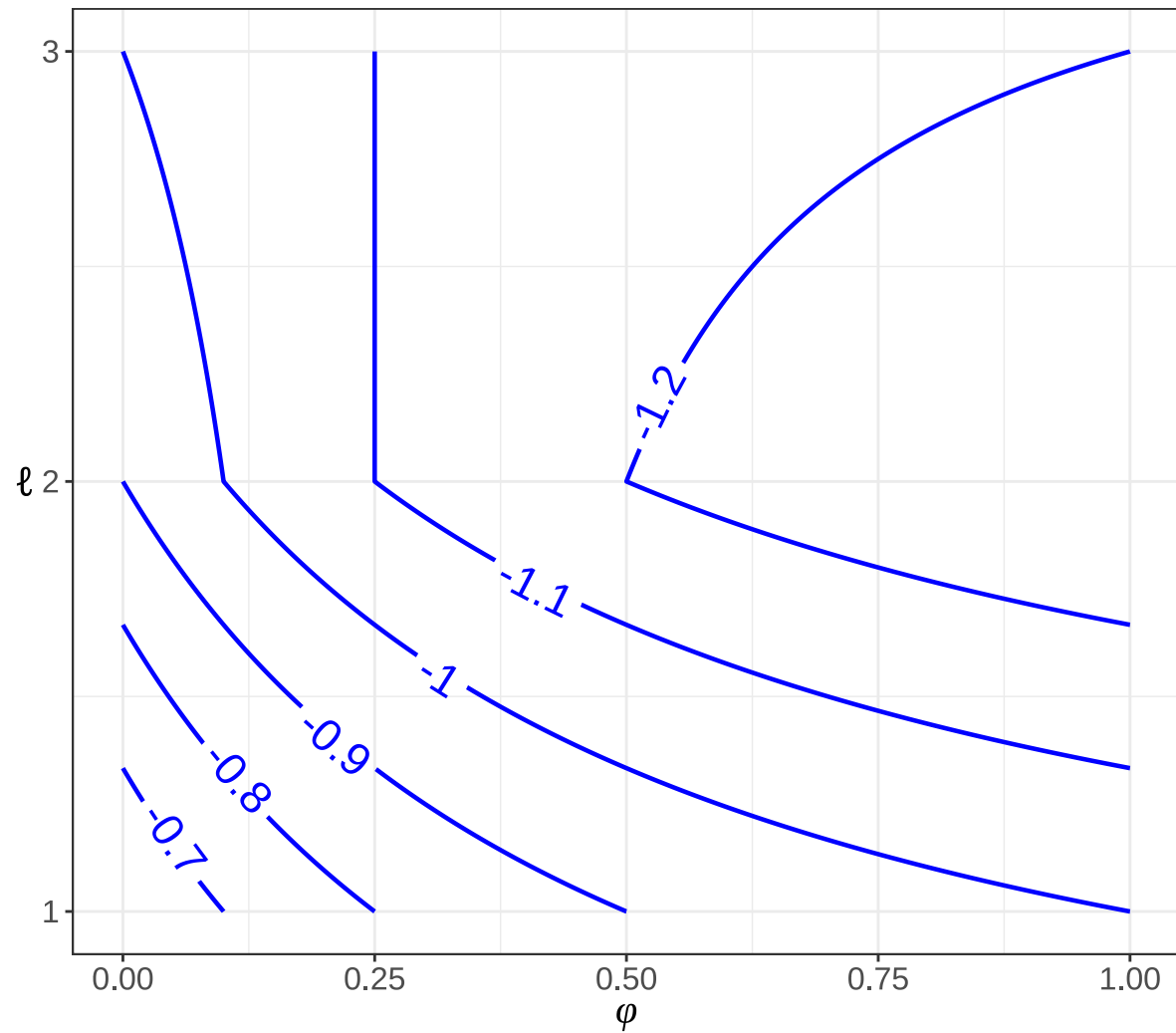


(a) $\omega_{\text{HH}}^{\text{HH-ANT}, \ell}$ ($Q = 4$)



(b) $\omega_{\text{HH}}^{\text{HH-ANT}, \ell}$ ($Q = 8$)

