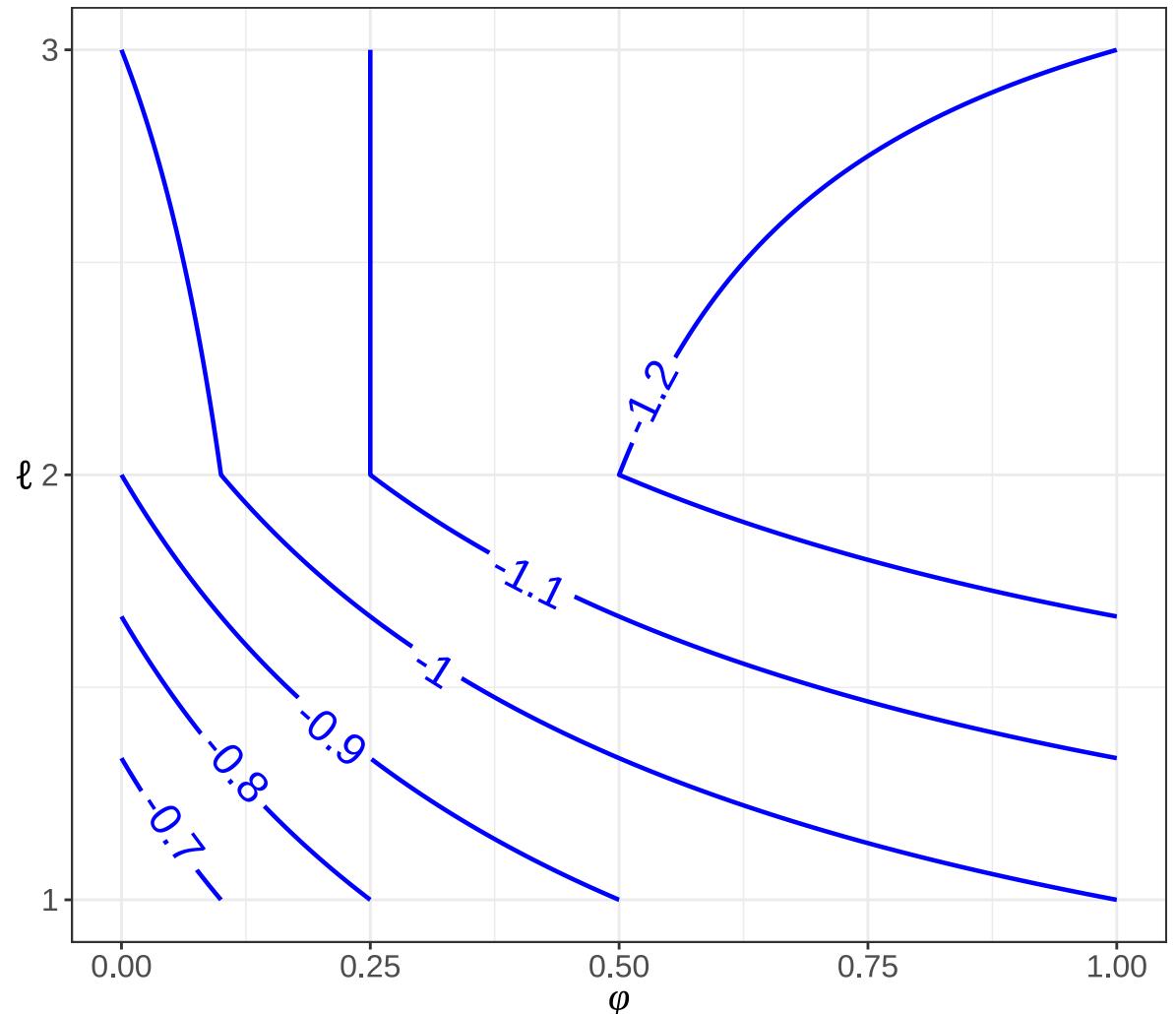


(a) $\omega_{\text{HH}}^{\text{HH-ANT}, \ell} (Q = 4)$



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

