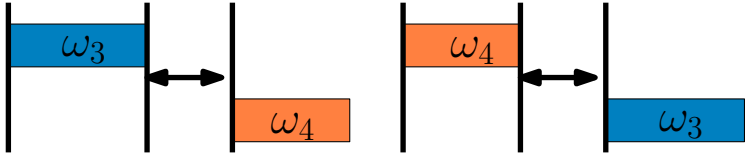


$$\omega_1 \preceq_{\varphi} \omega_2$$



$$\omega_3 \not\equiv_{\varphi} \omega_4$$