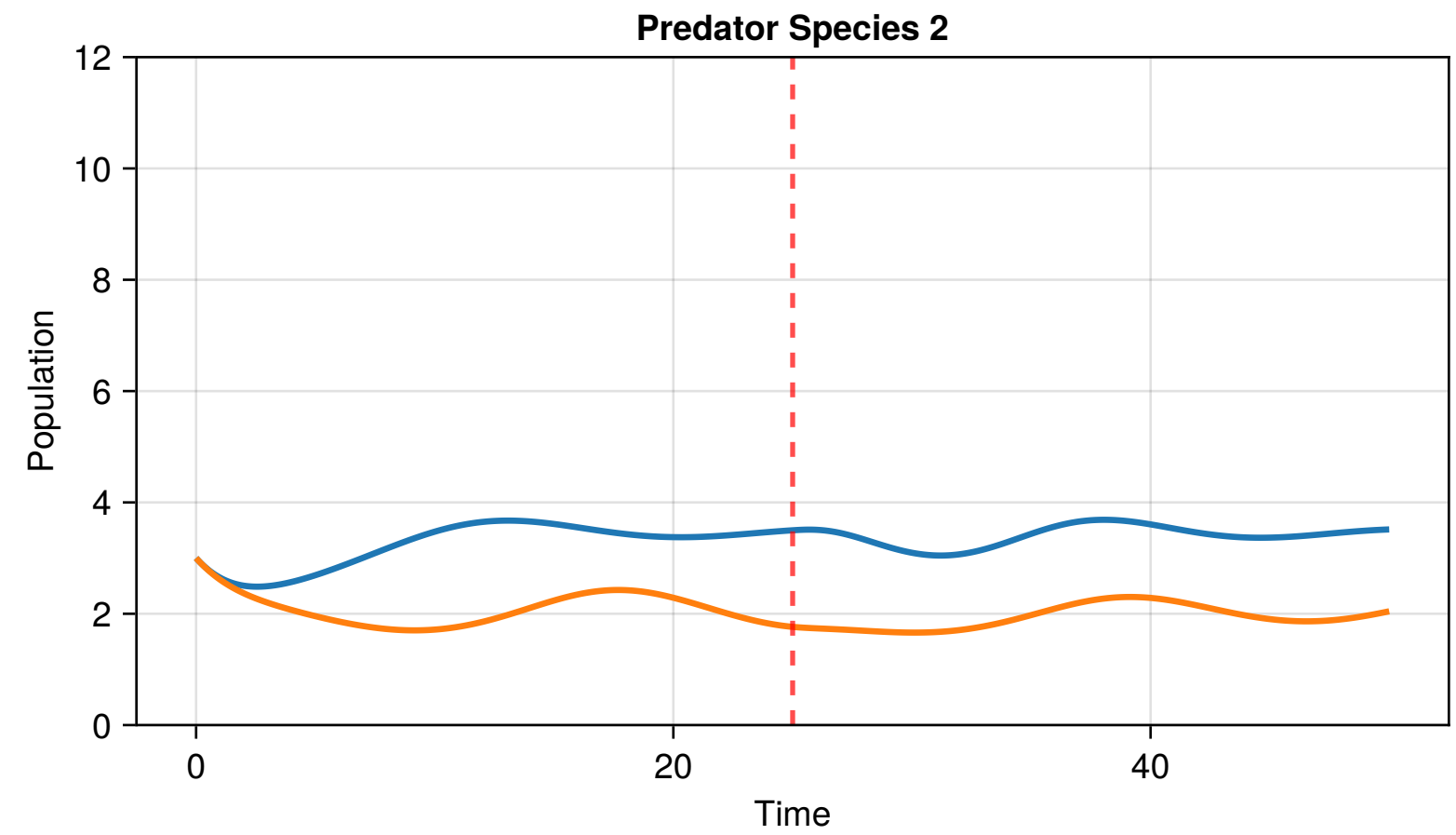
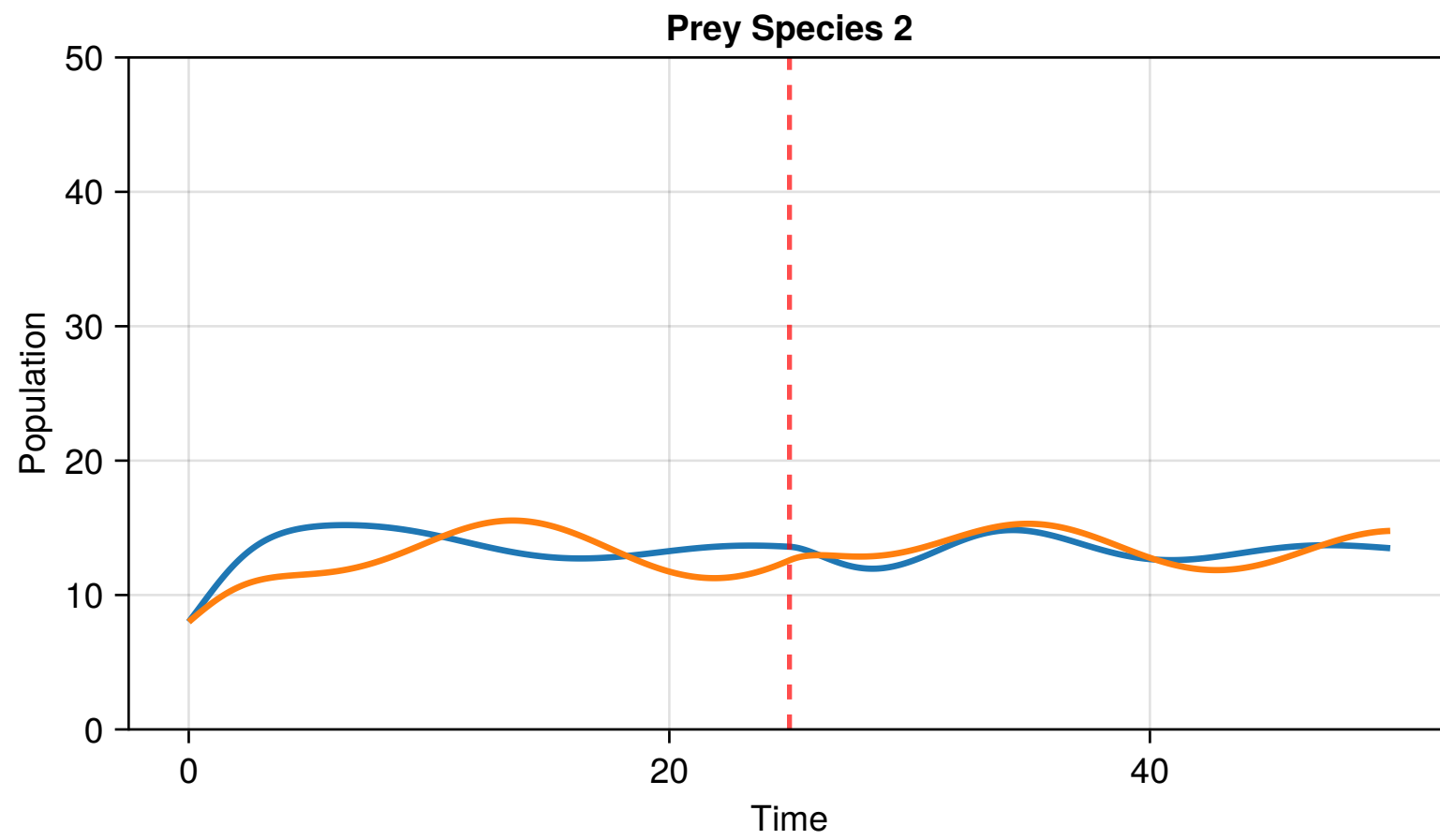
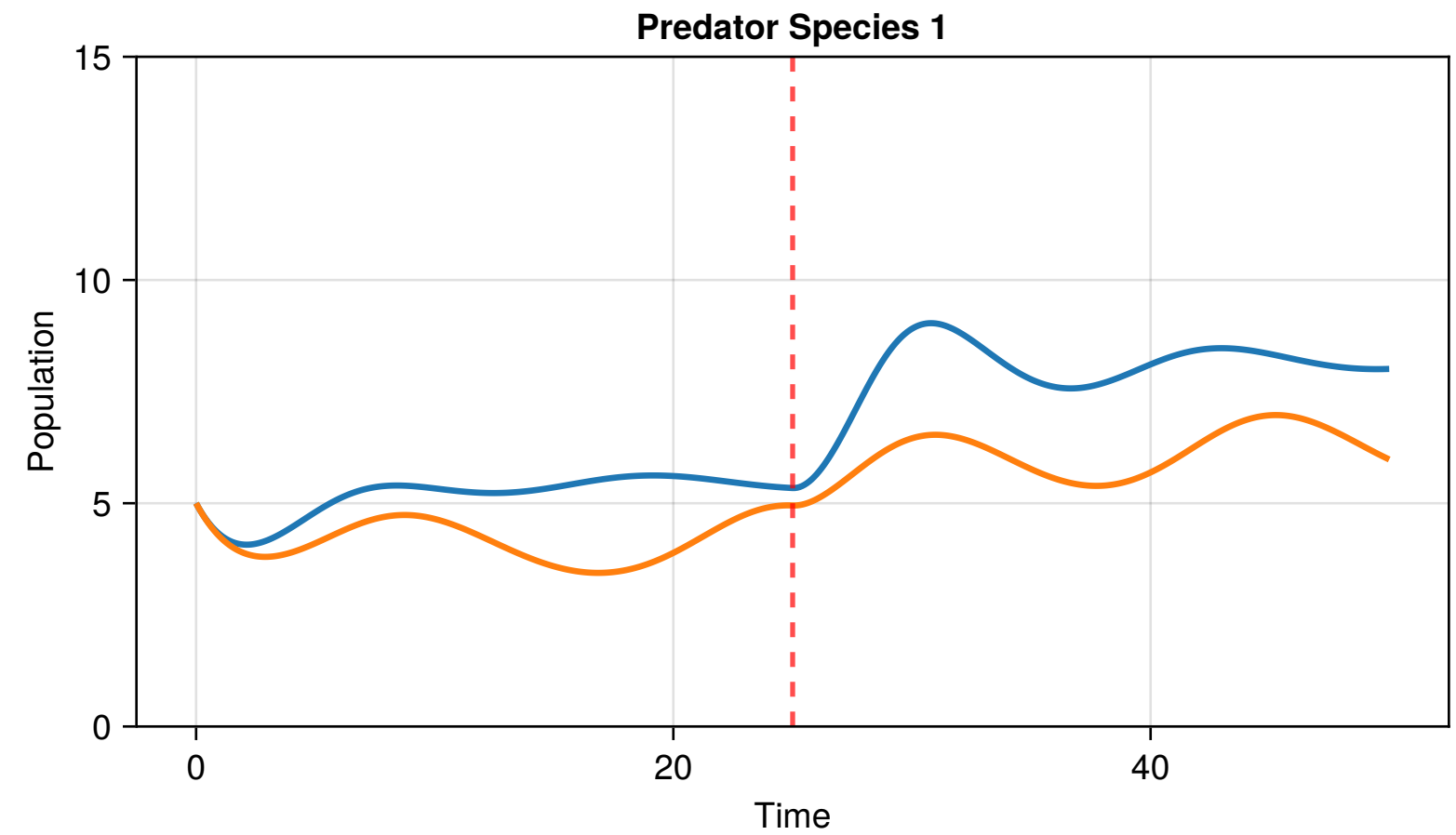
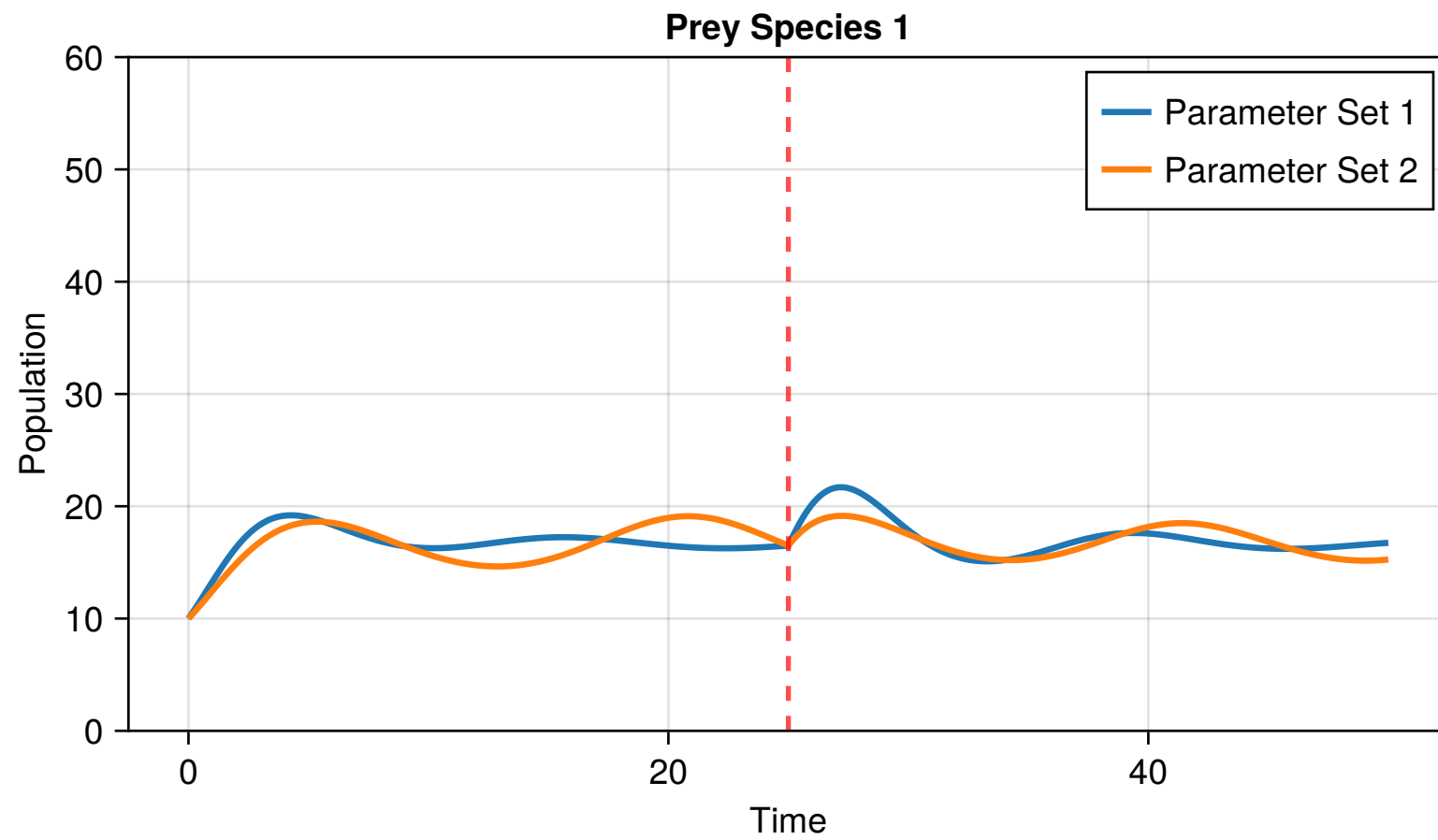


4-Species Population Dynamics with Parameter Step Change



Parameter change at $t = 25.0$
(r_1 increases by 50%)