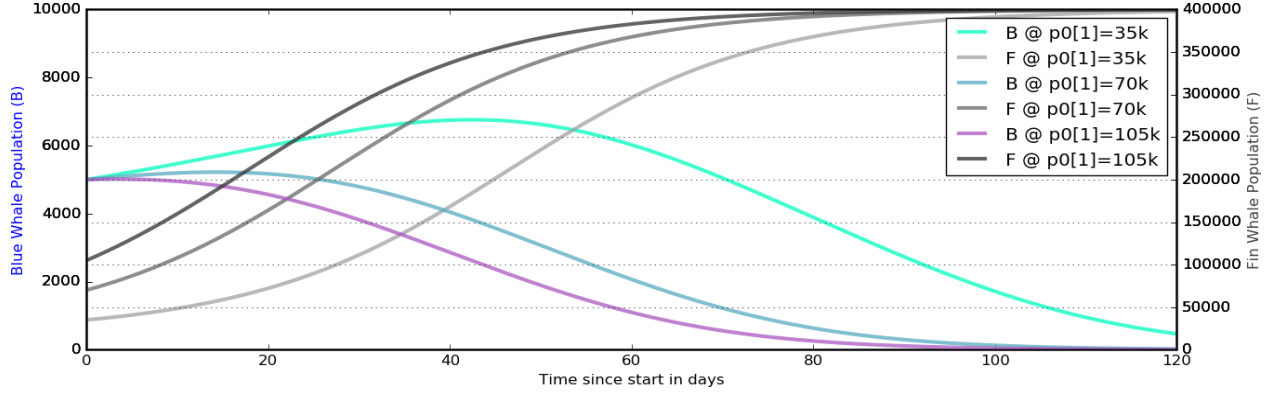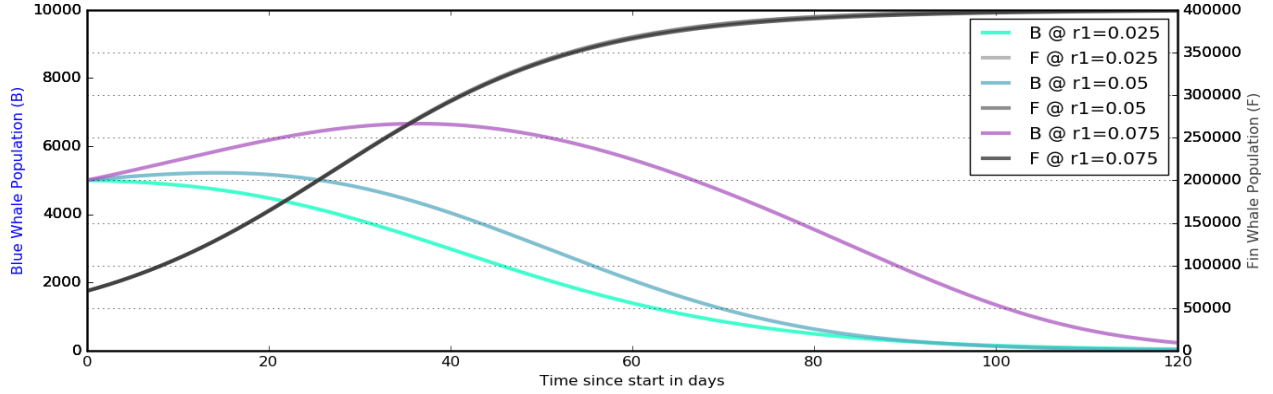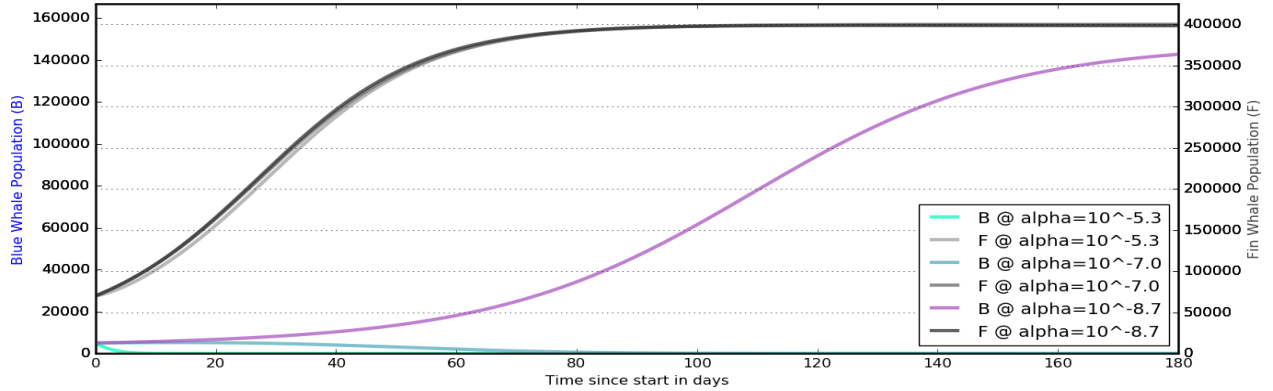(a) With respect to initial Blue whale population $\pm 50\%$. All critical points and some convergences occur in 120 days.

(b) With respect to initial Fin whale population $\pm 50\%$. All critical points and some convergences occur in 120 days.

(c) With respect to r_1 $\pm 50\%$. All critical points and some convergences occur in 120 days.

(d) With respect to α $\pm 25\%$ in $\log_{10}$ scale. All critical points and some convergences occur in 180 days.

Figure 10: Sensitivity analysis with respect to initial whale populations and other parameters on the dynamical system from the second model.