

Simulation of the steady states with  $p_t \in [0,1]$ . The red line is for the stunted while the blue line is for the children on treatment. Note that maximum  $TS$  (minimum  $RS$ ) is achieved at the point  $p_t=0.51$ . This gives  $p_t^{\text{opt}}$ . The parameter values used are given in Table \ref{tab:2}.