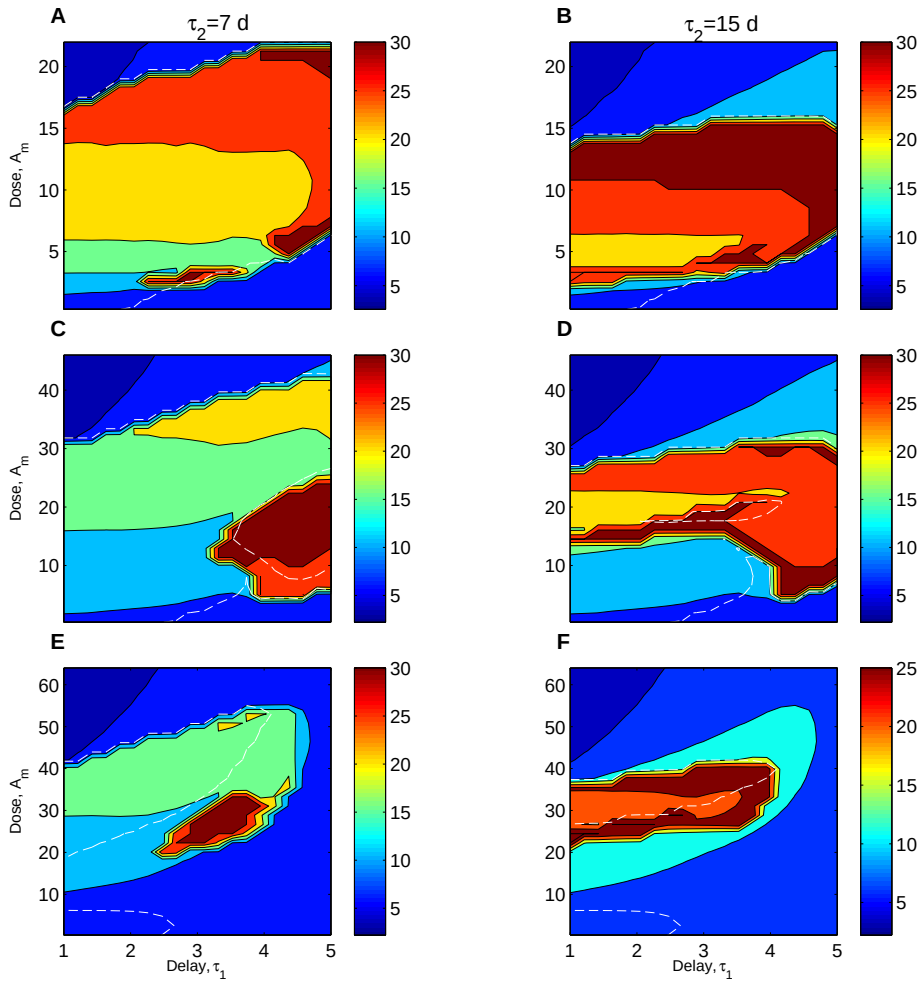

Figure S5: **Treatment duration and time to clearance for Fig. 5 in the paper, related to classical treatment.** We show a contourplot of the duration of treated infection across a range of dose-delay treatment combinations, for the case of $a = 0.1$. The cost of resistance is: A)-B) $c = 2.2$, C)-D) $c = 1$, E)-F) $c = 0.1$. The MSW is given by the region confined within the white dashed line. All parameters as specified in Fig. 5 of the paper. The two columns correspond to the first and third column in Fig. 5 respectively for treatment duration of 7 days and 15 days. Above the MSW, treatment duration reduces time to clearance for the same dose-delay combinations. Below the MSW, increasing treatment duration has no major effect. Notice that increasing treatment duration around the critical inhibitory dose for B_r, namely around $A_m^{**} = \frac{r_1}{a\delta_0}$ can worsen treatment outcomes, inducing oscillatory dynamics (infection still persisting after 30 days).