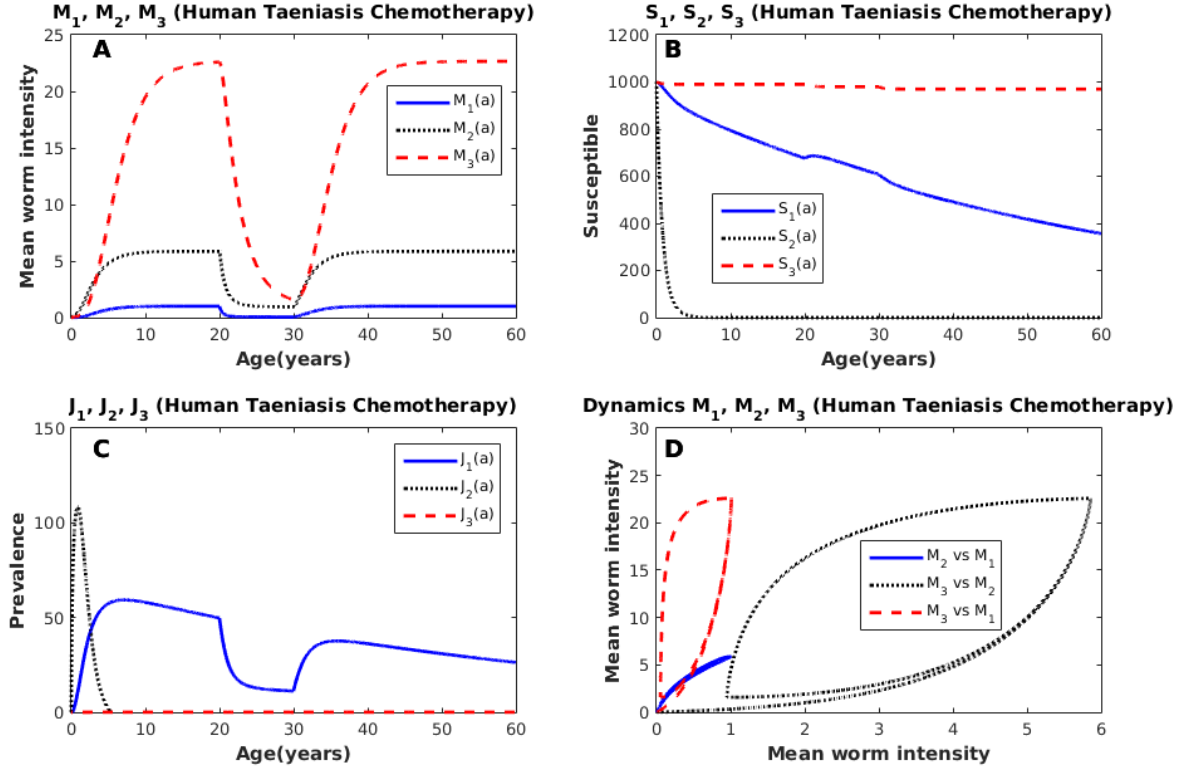
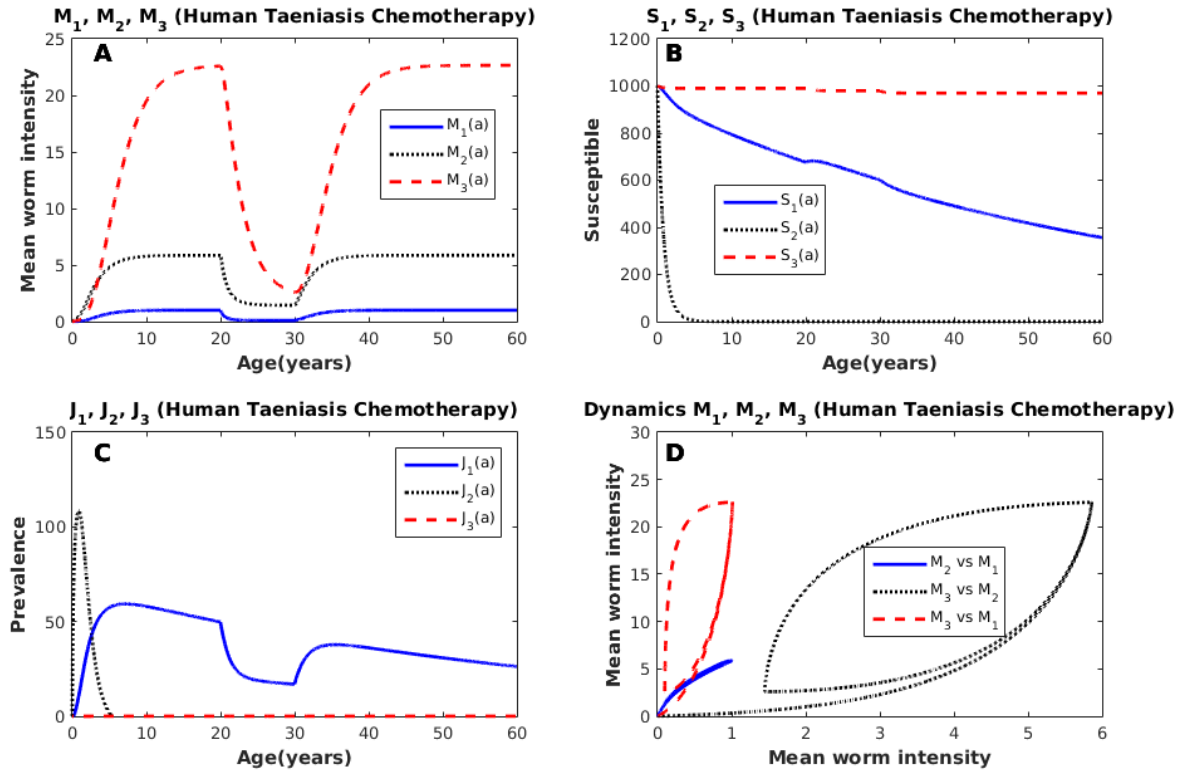


## SUPPLEMENTARY MATERIAL 2

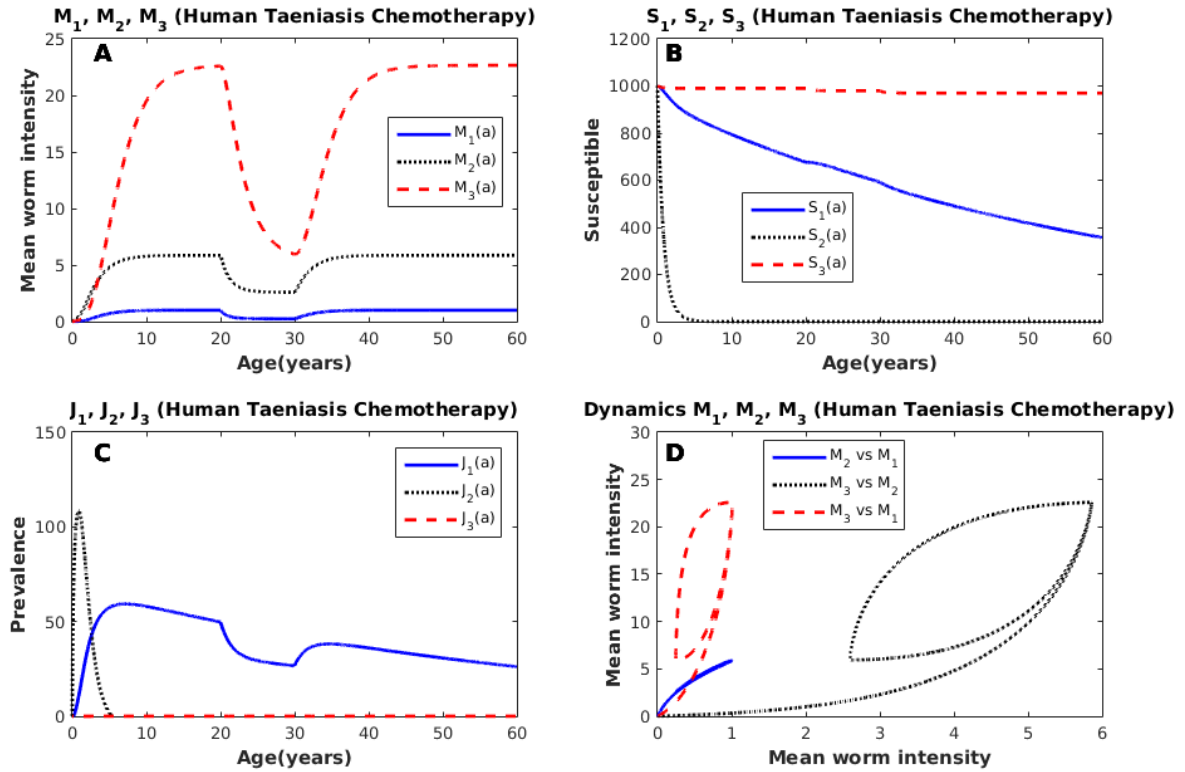
### Chemotherapeutic interventions against human taeniasis with different drug efficacies and coverage rates



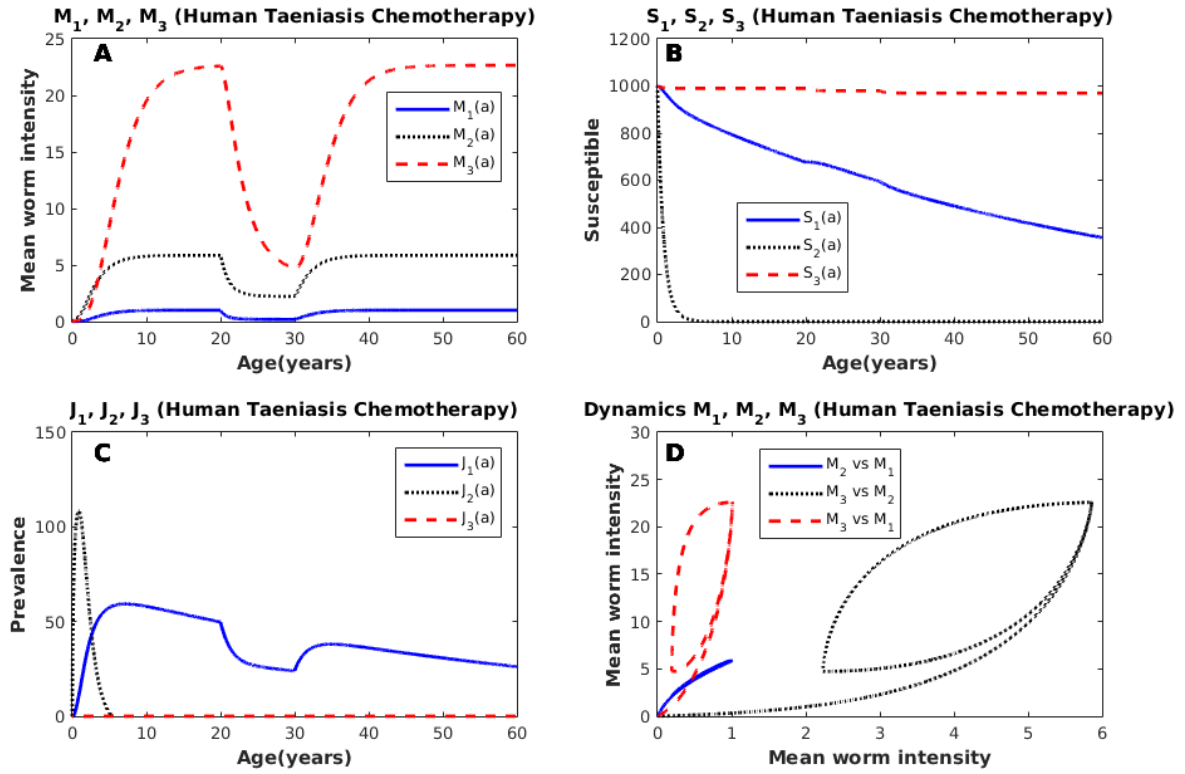
**Figure 1S.** Chemotherapeutic intervention against human taeniasis (blue-solid), pig cysticercosis (black-dotted) and, human cysticercosis (red-dashed). (A) Mean worm intensities (B) Age-susceptibles (C) Age-prevalence (D) Phase spaces of the dynamics:  $M_3$  versus  $M_2$  (black-dotted),  $M_3$  versus  $M_1$  (red-dashed), and  $M_2$  versus  $M_1$  (blue-solid). The values of the parameters are the same as those used in **Fig. 6**, and  $G_1 = 100$  and  $C_1 = 90$ .



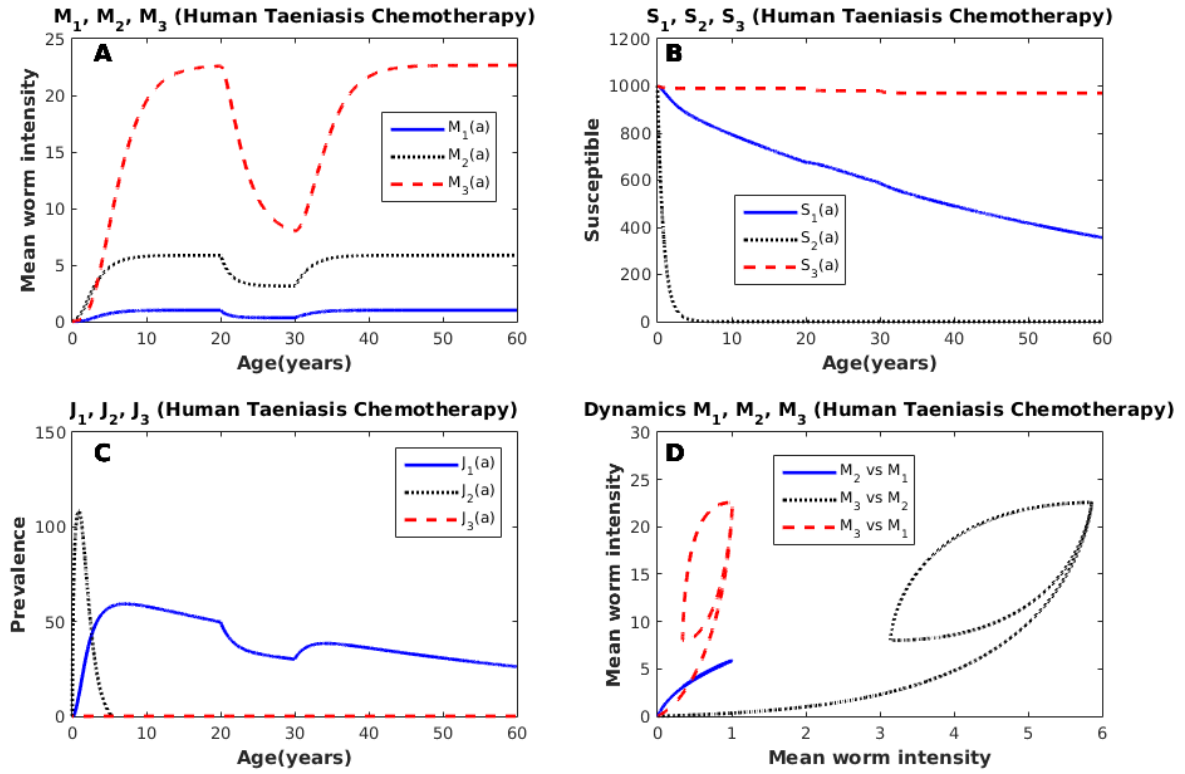
**Figure 2S.** Chemotherapeutic intervention against human taeniasis (blue-solid), pig cysticercosis (black-dotted) and, human cysticercosis (red-dashed). (A) Mean worm intensities (B) Age-susceptibles (C) Age-prevalence (D) Phase spaces of the dynamics:  $M_3$  versus  $M_2$  (black-dotted),  $M_3$  versus  $M_1$  (red-dashed), and  $M_2$  versus  $M_1$  (blue-solid). The values of the parameters are the same as those used in **Fig. 6**, and  $G_1 = 100$  and  $C_1 = 80$ .



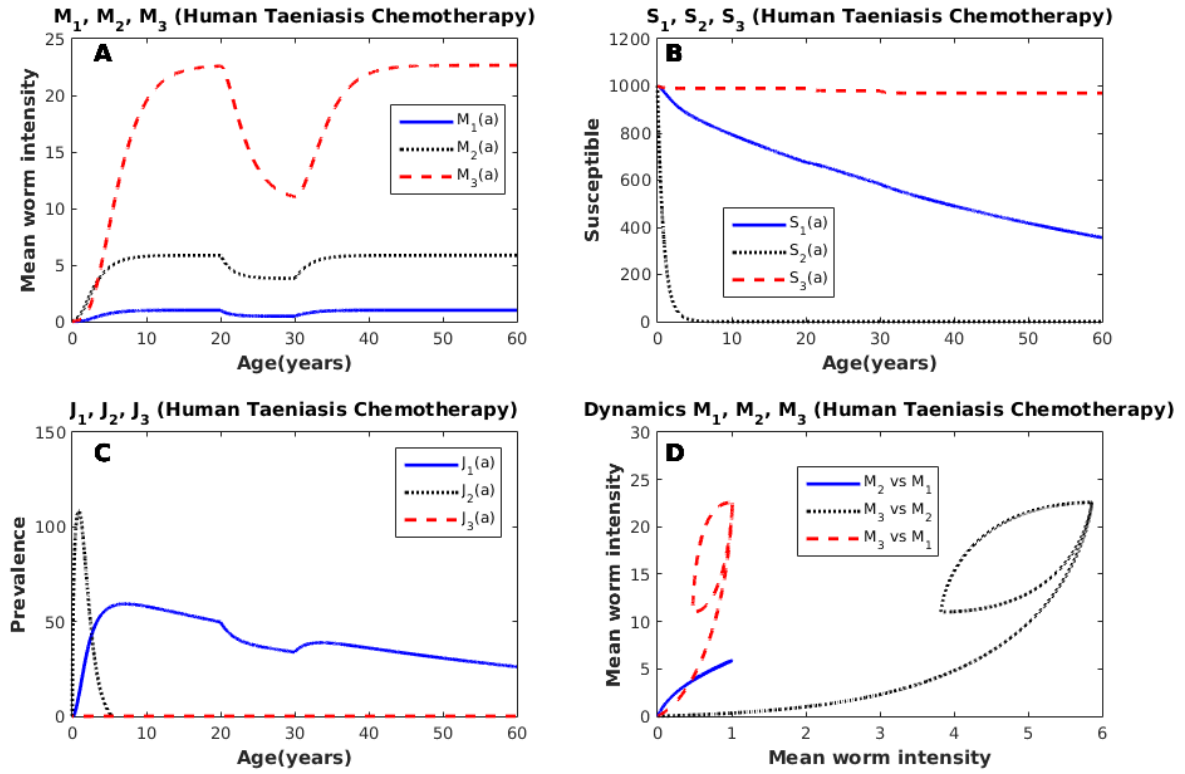
**Figure 3S.** Chemotherapeutic intervention against human taeniasis (blue-solid), pig cysticercosis (black-dotted) and, human cysticercosis (red-dashed). (A) Mean worm intensities (B) Age-susceptibles (C) Age-prevalence (D) Phase spaces of the dynamics:  $M_3$  versus  $M_2$  (black-dotted),  $M_3$  versus  $M_1$  (red-dashed), and  $M_2$  versus  $M_1$  (blue-solid). The values of the parameters are the same as those used in **Fig. 6**, and  $G_1 = 100$  and  $C_1 = 60$ .



**Figure 4S.** Chemotherapeutic intervention against human taeniasis (blue-solid), pig cysticercosis (black-dotted) and, human cysticercosis (red-dashed). (A) Mean worm intensities (B) Age-susceptibles (C) Age-prevalence (D) Phase spaces of the dynamics:  $M_3$  versus  $M_2$  (black-dotted),  $M_3$  versus  $M_1$  (red-dashed), and  $M_2$  versus  $M_1$  (blue-solid). The values of the parameters are the same as those used in **Fig. 6**, and  $G_1 = 80$  and  $C_1 = 80$ .



**Figure 5S.** Chemotherapeutic intervention against human taeniasis (blue-solid), pig cysticercosis (black-dotted) and, human cysticercosis (red-dashed). (A) Mean worm intensities (B) Age-susceptibles (C) Age-prevalence (D) Phase spaces of the dynamics:  $M_3$  versus  $M_2$  (black-dotted),  $M_3$  versus  $M_1$  (red-dashed), and  $M_2$  versus  $M_1$  (blue-solid). The values of the parameters are the same as those used in **Fig. 6**, and  $G_1 = 80$  and  $C_1 = 60$ .



**Figure 6S.** Chemotherapeutic intervention against human taeniasis (blue-solid), pig cysticercosis (black-dotted) and, human cysticercosis (red-dashed). (A) Mean worm intensities (B) Age-susceptibles (C) Age-prevalence (D) Phase spaces of the dynamics:  $M_3$  versus  $M_2$  (black-dotted),  $M_3$  versus  $M_1$  (red-dashed), and  $M_2$  versus  $M_1$  (blue-solid). The values of the parameters are the same as those used in **Fig. 6**, and  $G_1 = 60$  and  $C_1 = 60$ .