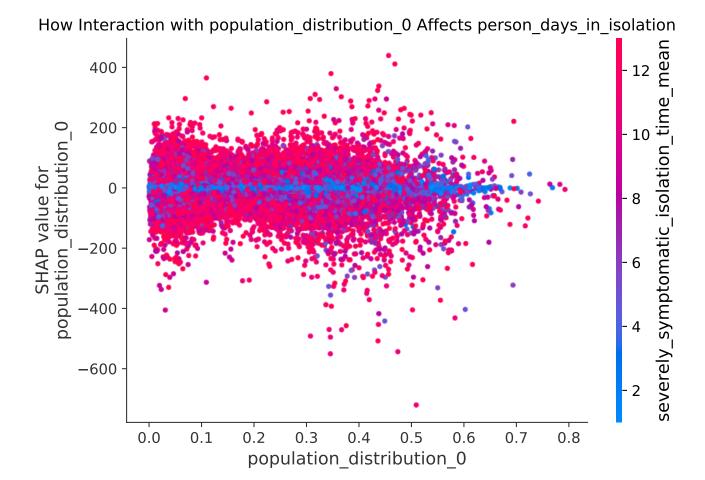


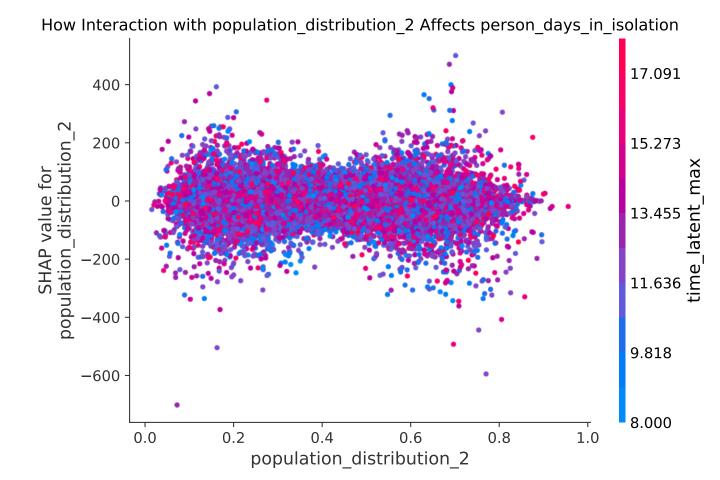
Datapoint-specific Sensitivities to person days in isolation High alert by tested positive exposure probability4unit contact exposure exponent alerted isolation time mean time latent mean ted positive isolation time mean ed negative isolation time mean ymptomatic isolation time mean ymptomatic isolation time mean uested test isolation time mean atic start of isolation is absolute tive start of isolation is absolute aiting result isolation time mean ted start of isolation is absolute sult start of isolation is absolute tive start of isolation is absolute atic start of isolation is absolute est start of isolation is absolute tic recent contacts lookbacktime time symptoms onset mean Low -50005000 -15000-10000

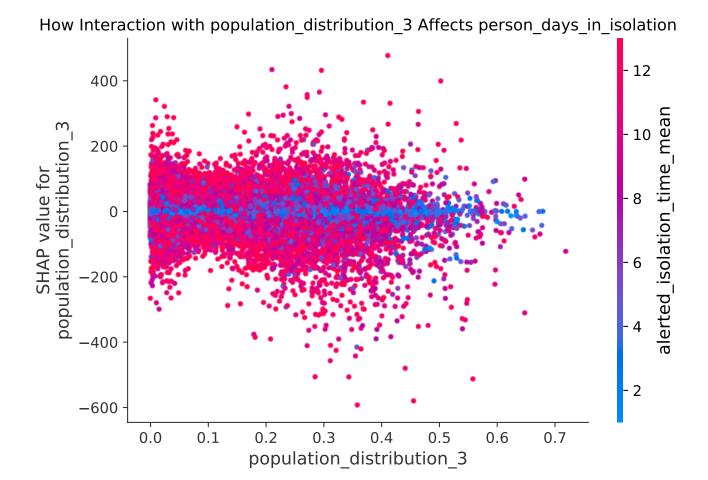
SHAP value (impact on model output)

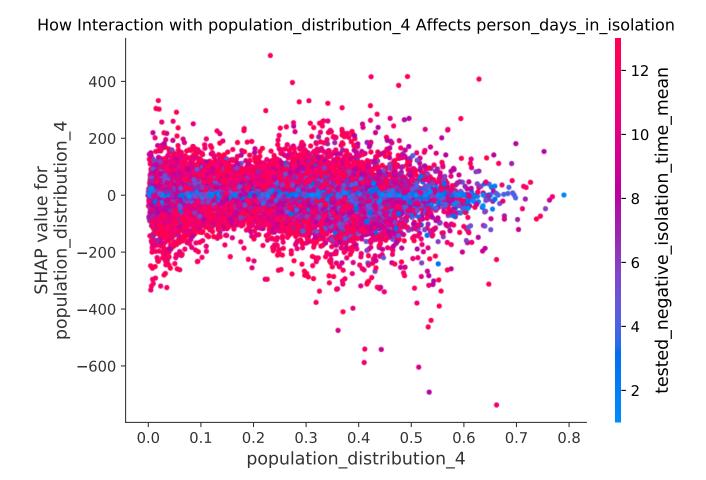
Feature value

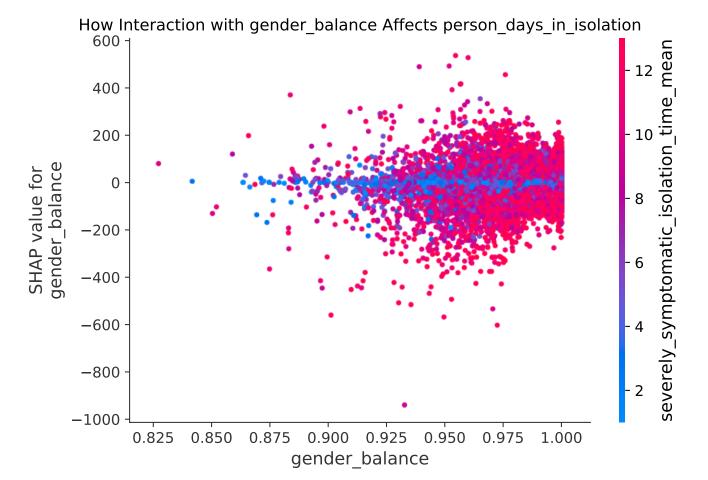


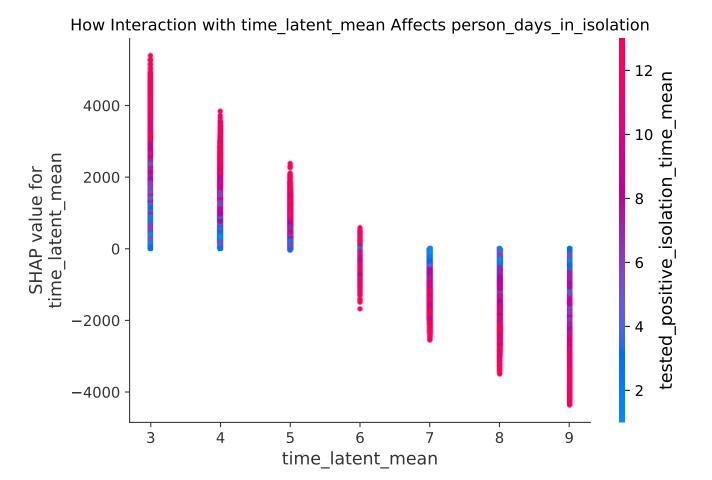
How Interaction with population distribution 1 Affects person days in isolation 12 400 10 SHAP value for population_distribution 200 result_isolation_ti 8 0 6 -200 awaiting_ -4002 0.1 0.3 0.5 0.6 0.7 0.0 0.2 0.4 population_distribution_1

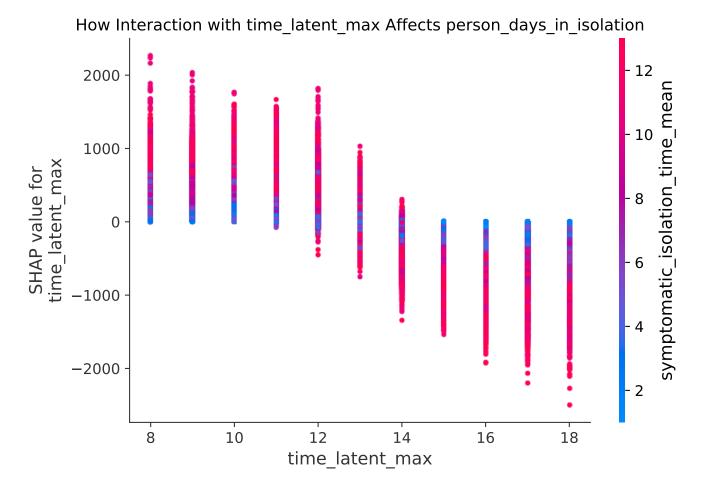


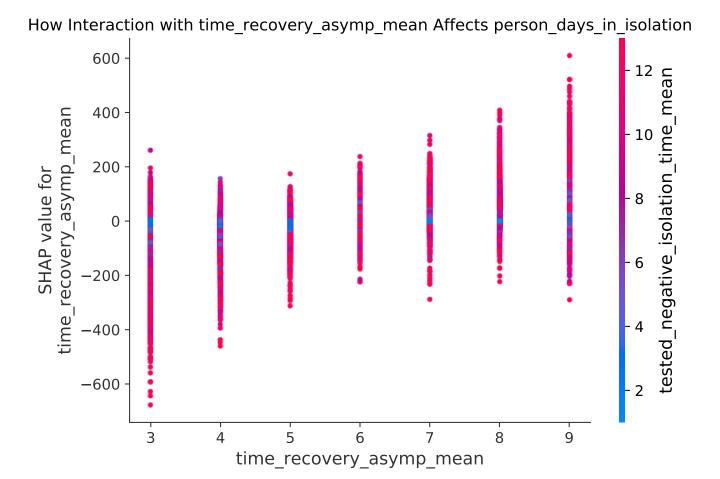


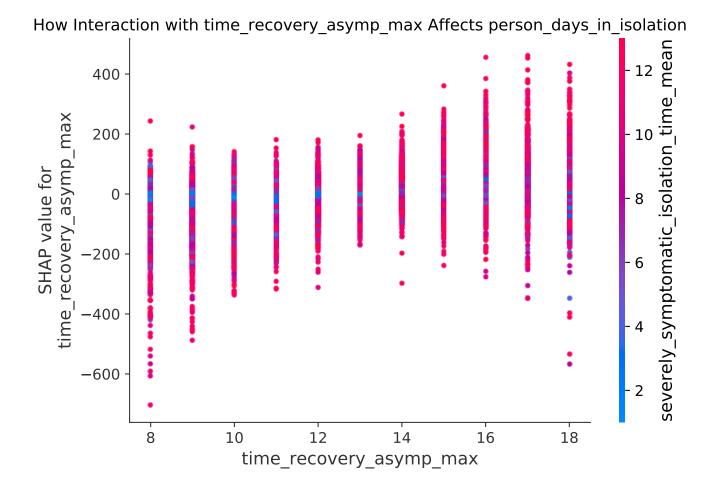


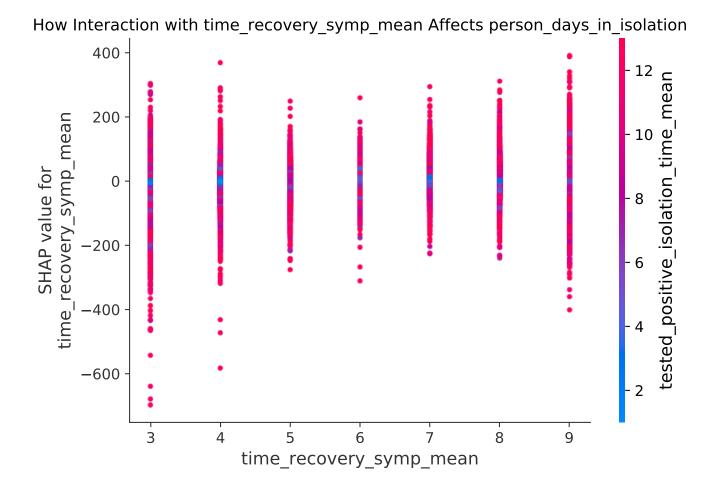


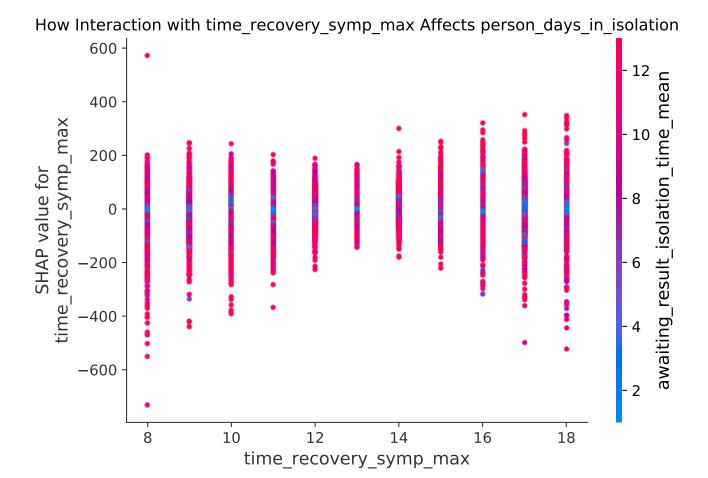


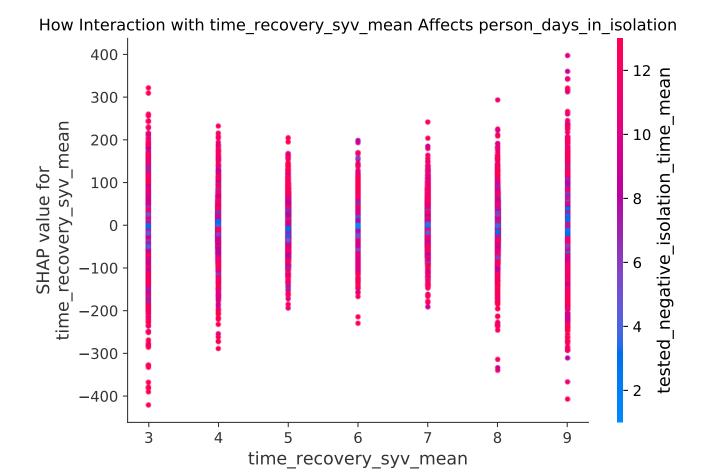


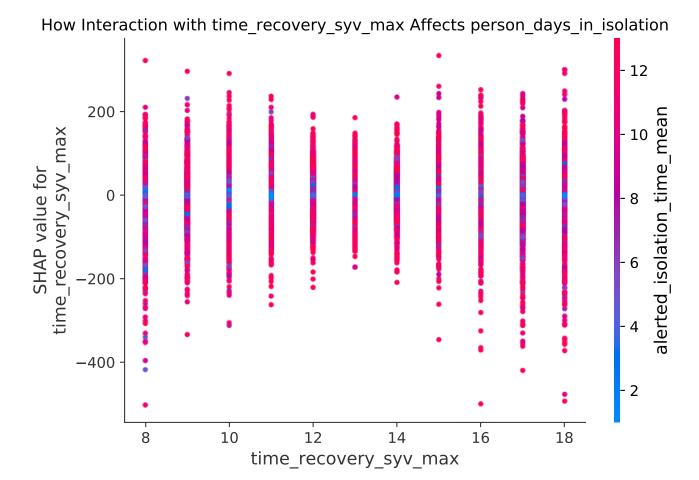


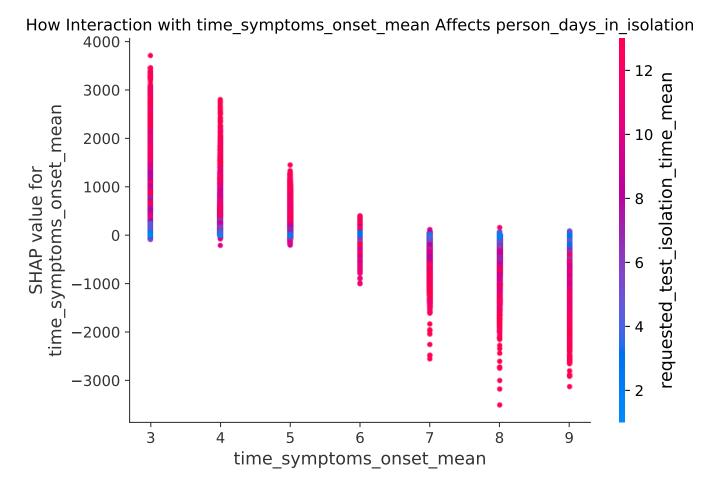


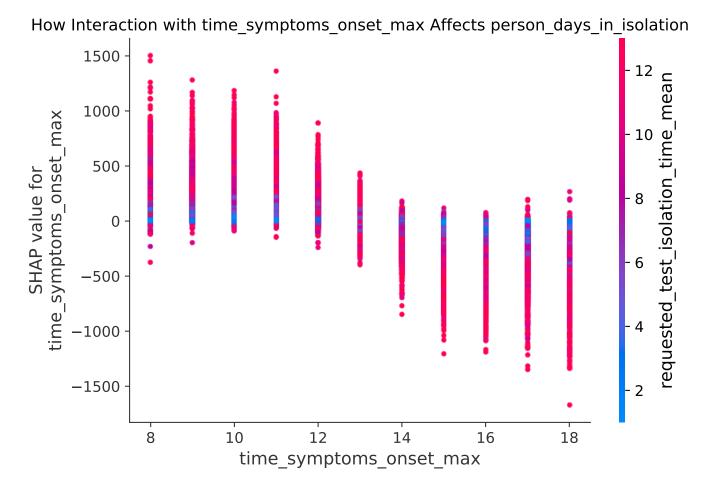


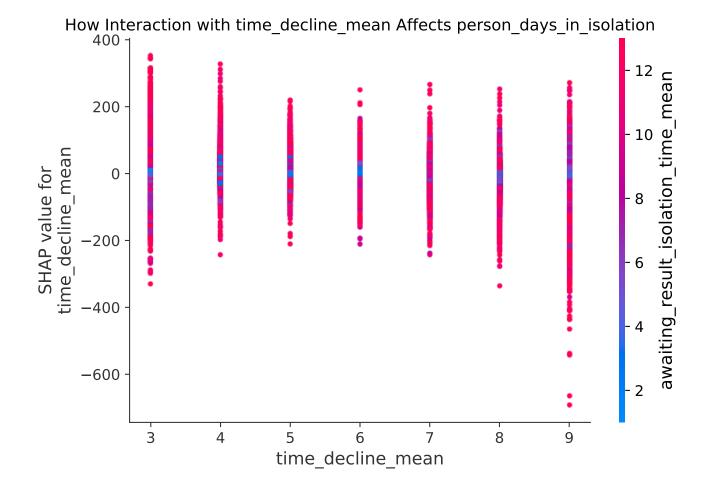


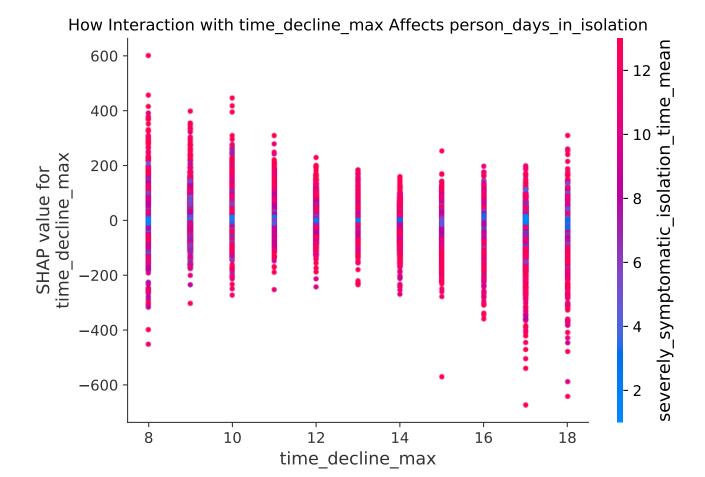


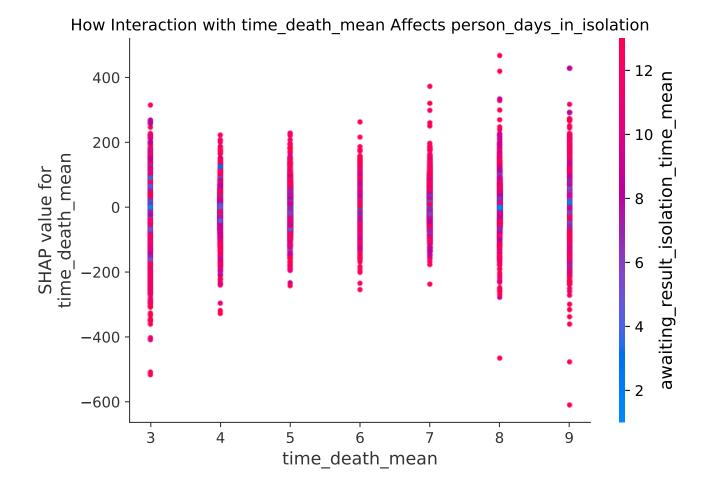


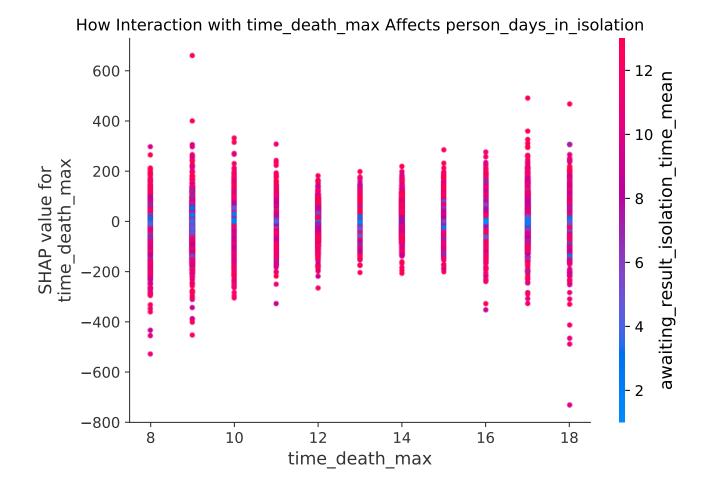


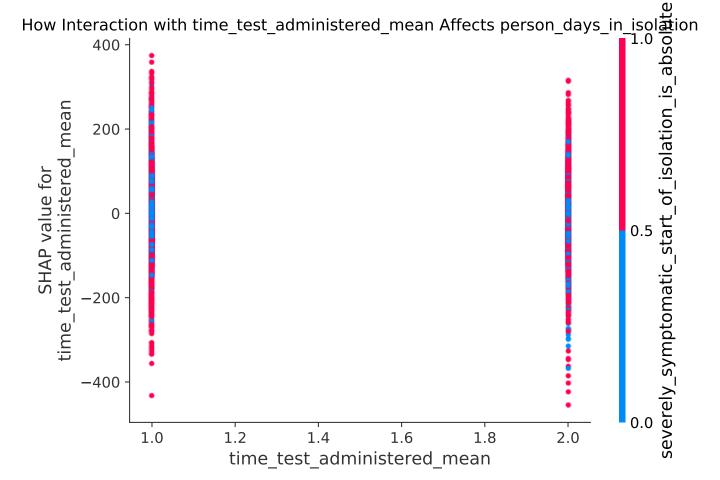












How Interaction with time test administered max Affects person days in isolation 12 400 SHAP value for est administered_max 10 200 8 0 - 6 requested -200 2 -4002.5 3.5 4.5 5.5 6.0 2.0 3.0 4.0 5.0 time_test_administered_max

