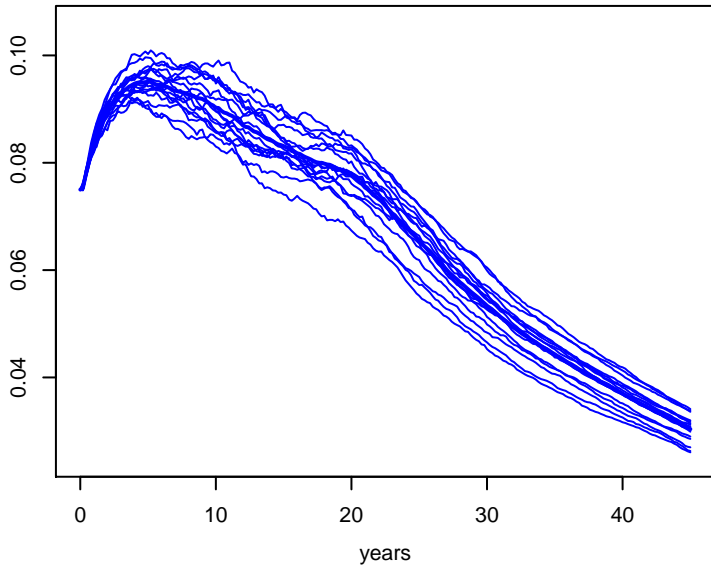
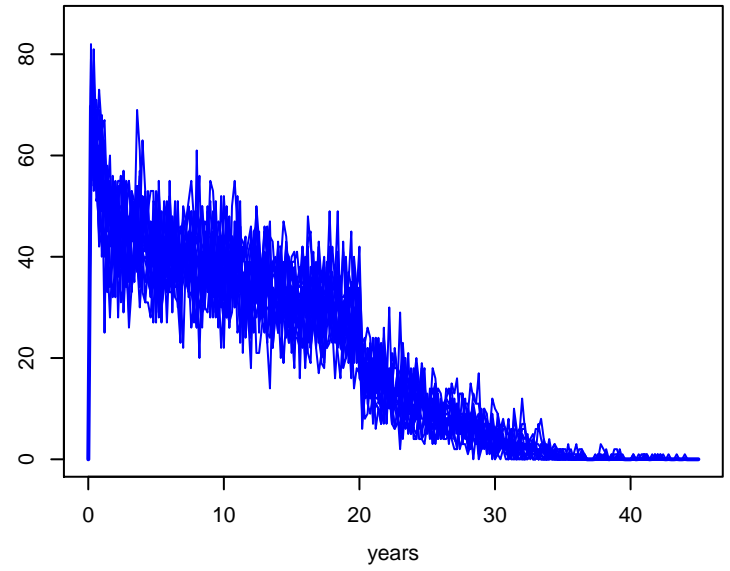


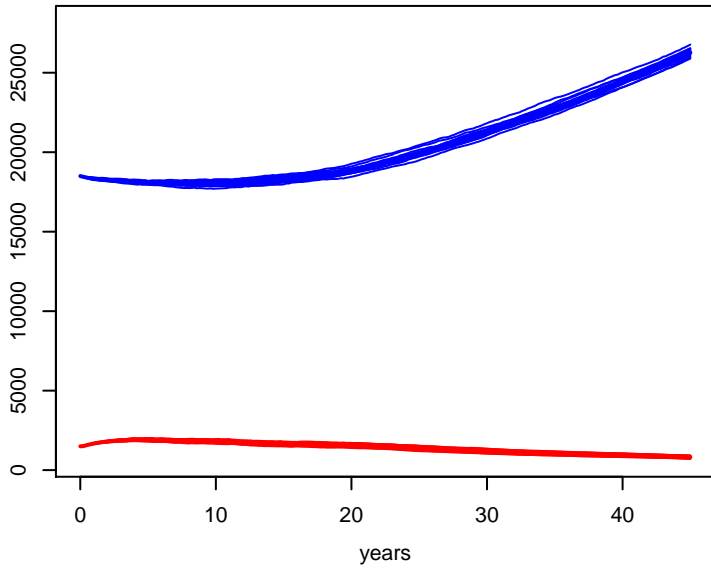
prevalence



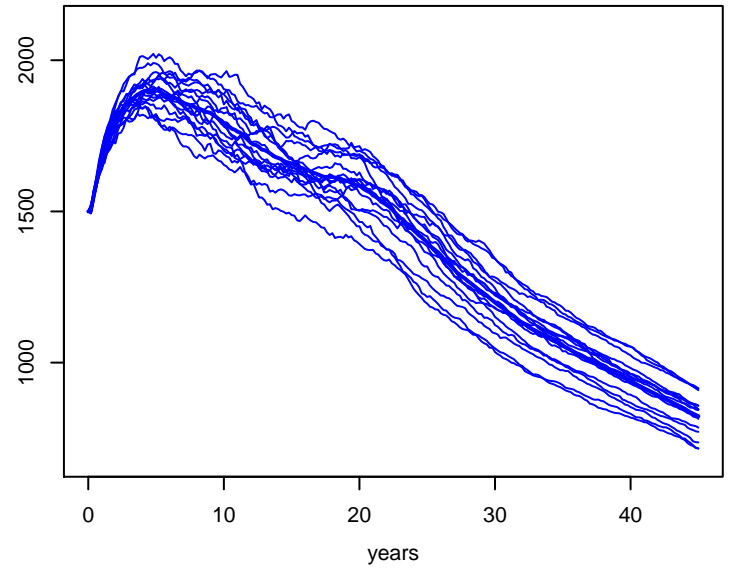
new_infections



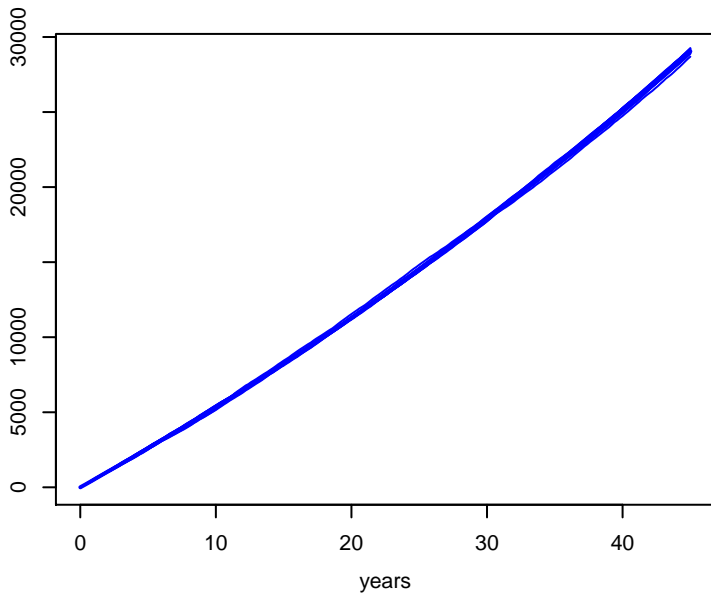
susceptibles
total_infections_alive



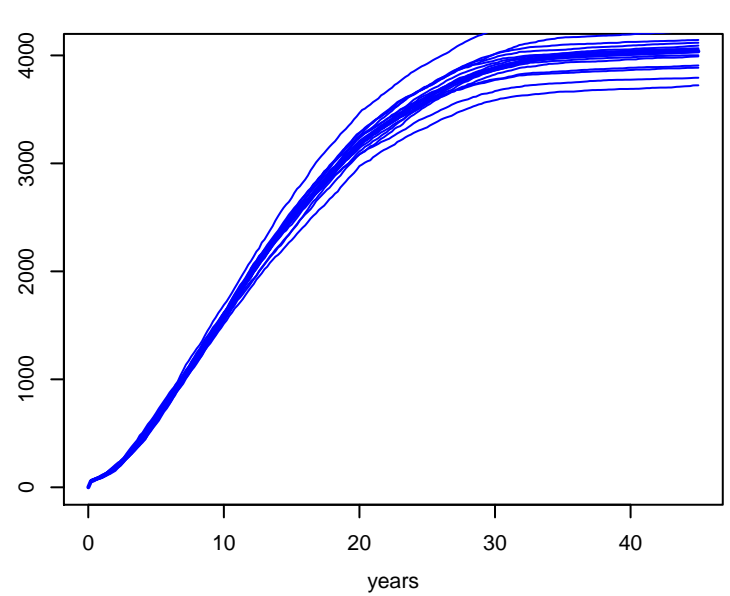
total_infections_alive



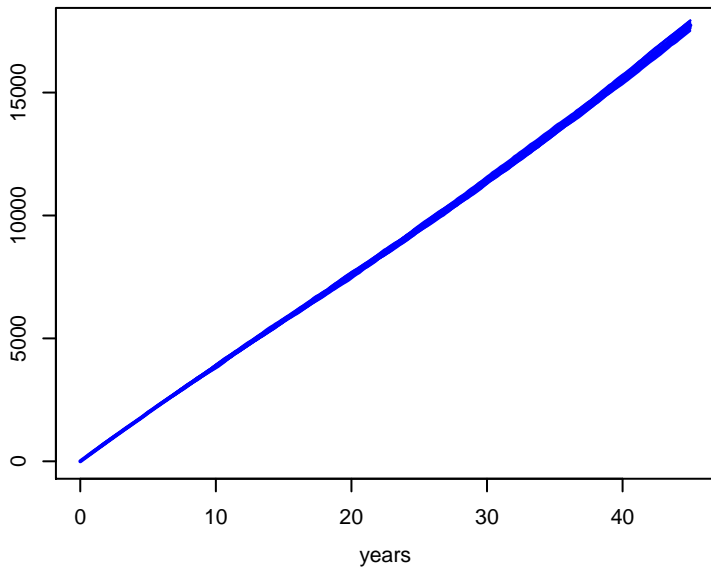
births



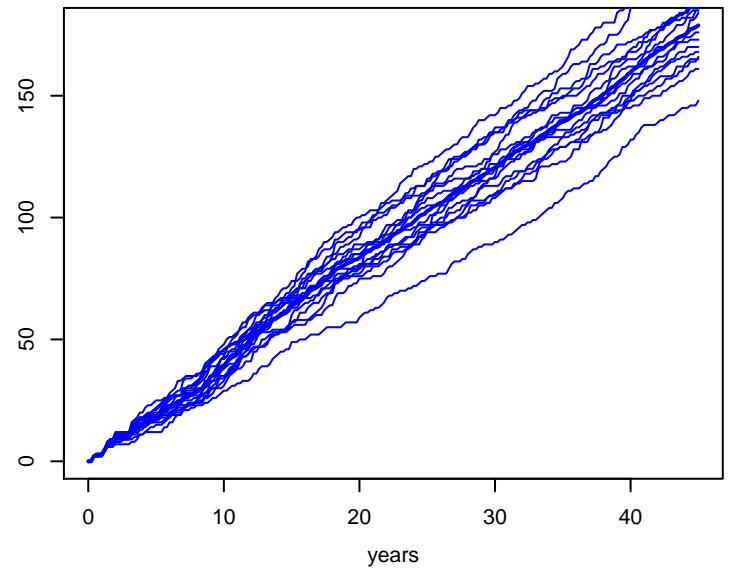
aids_deaths



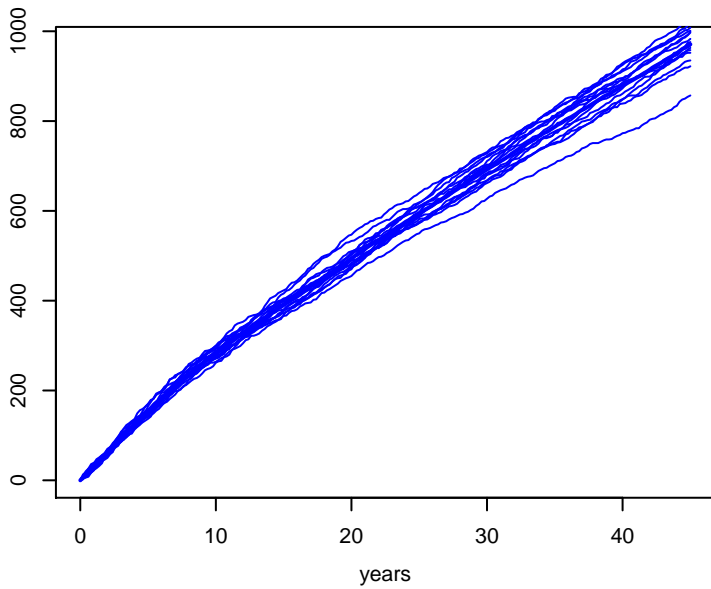
natural_deaths



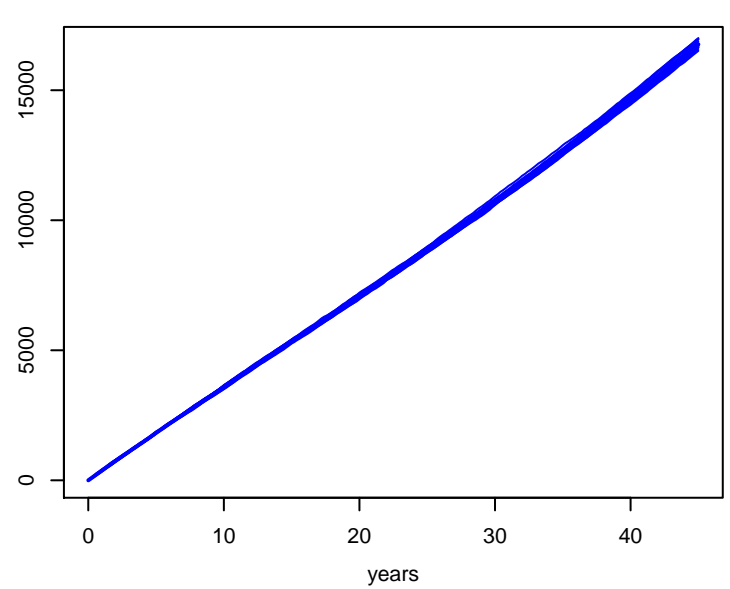
aged_out



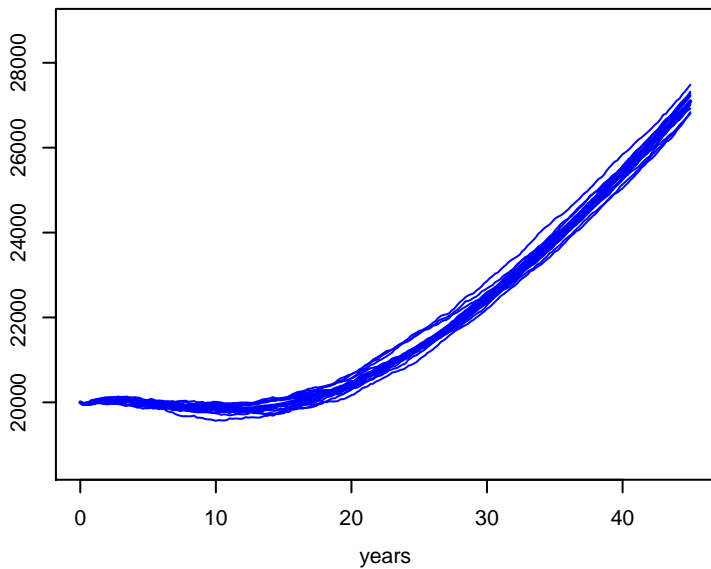
natural_deaths_infecteds



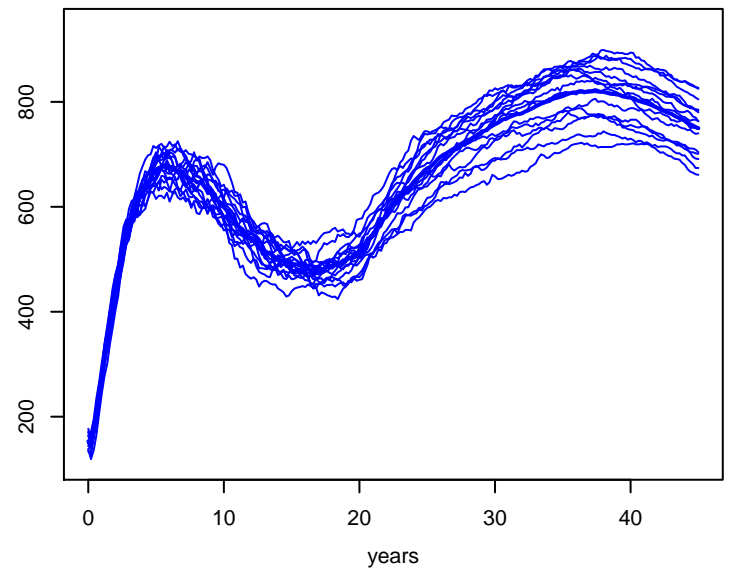
natural_deaths_susceptibles



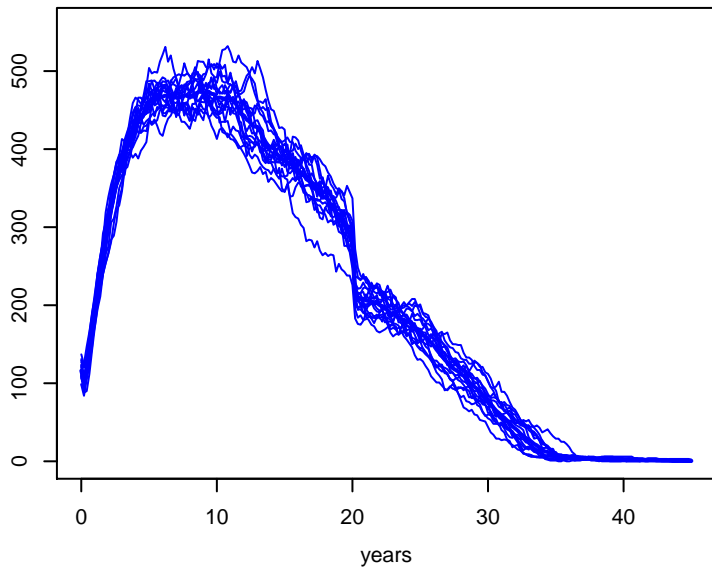
alive



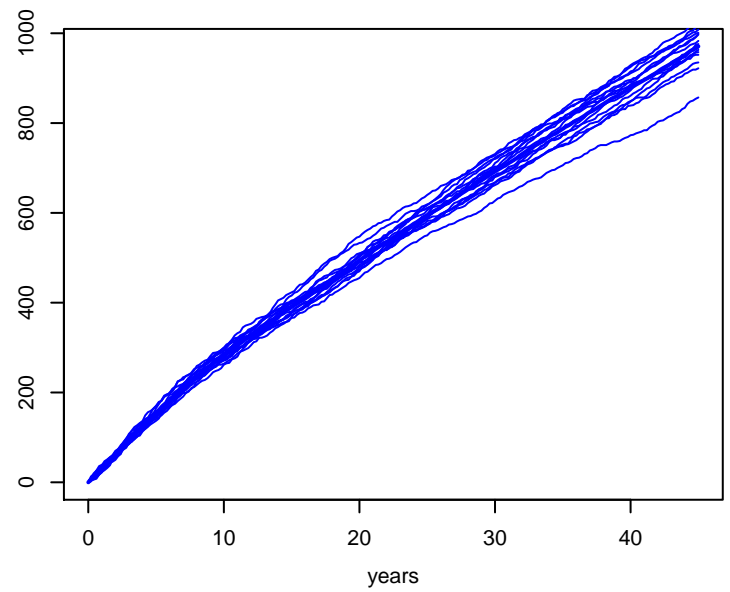
no_in_aids_gamma



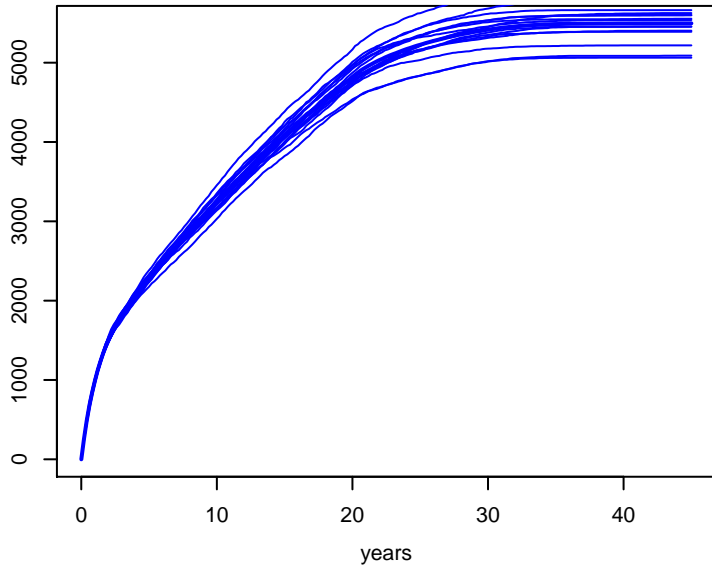
no_in_aids_cd4



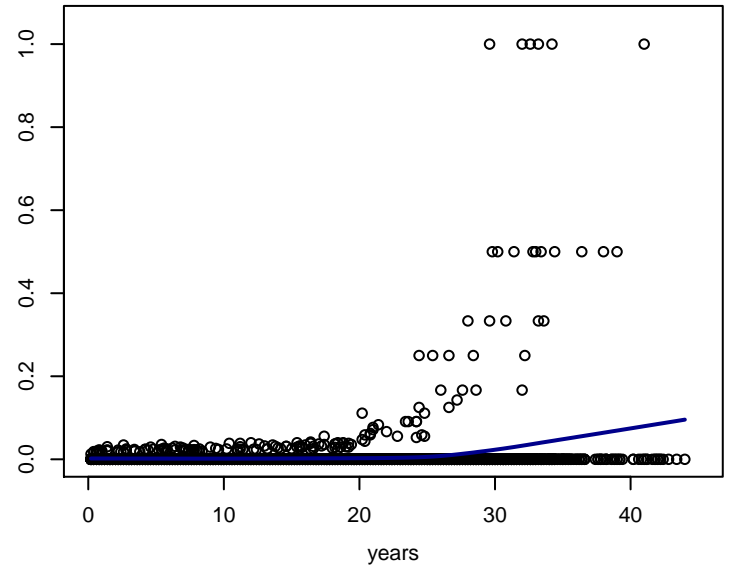
natural_deaths_infected



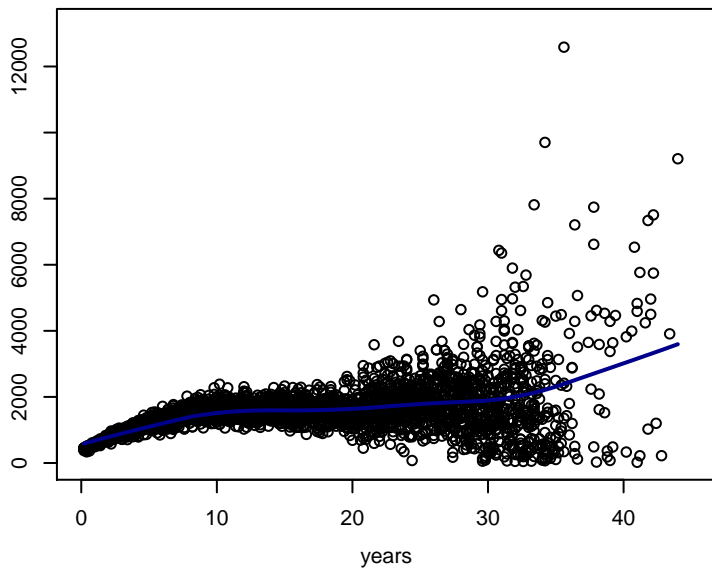
new_diagnoses



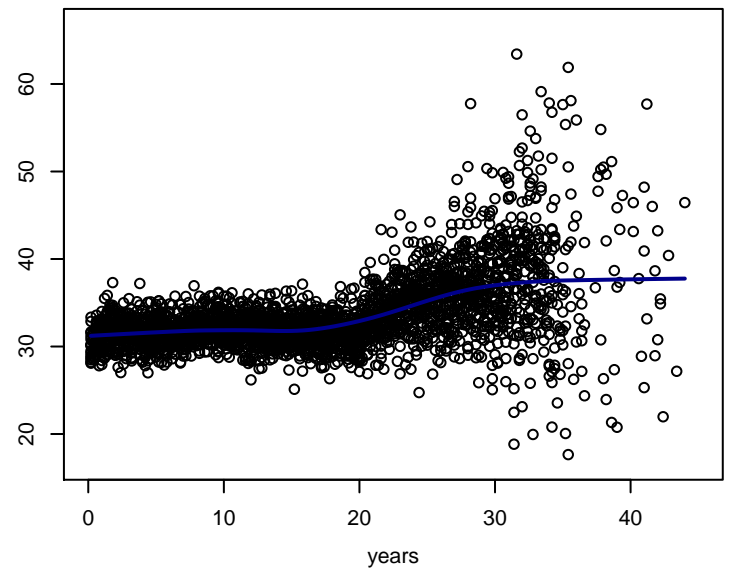
percent_donor_acute



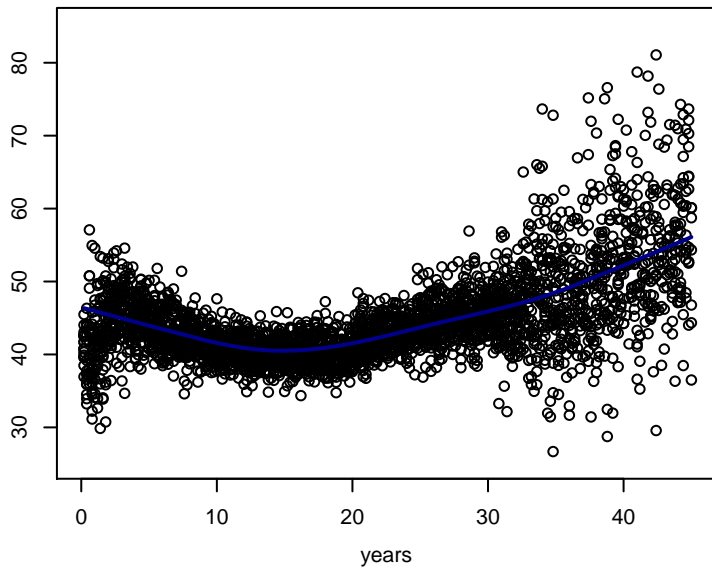
mean_time_donor_infected_incident



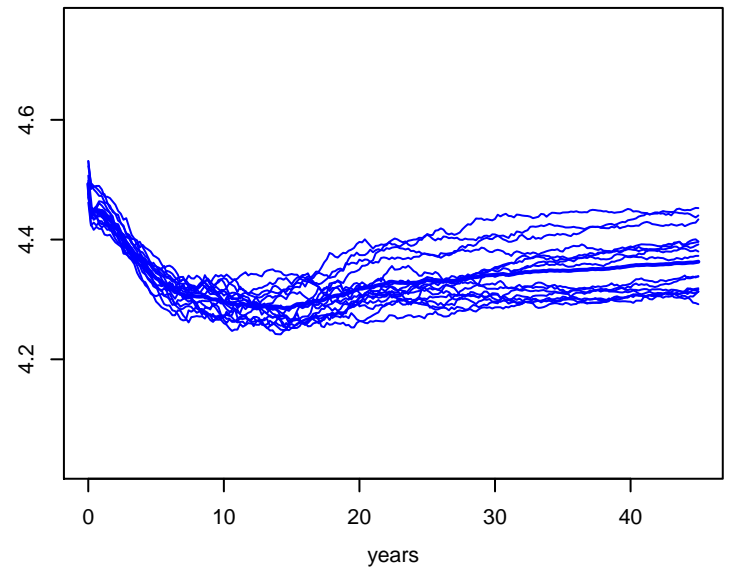
mean_age_incident



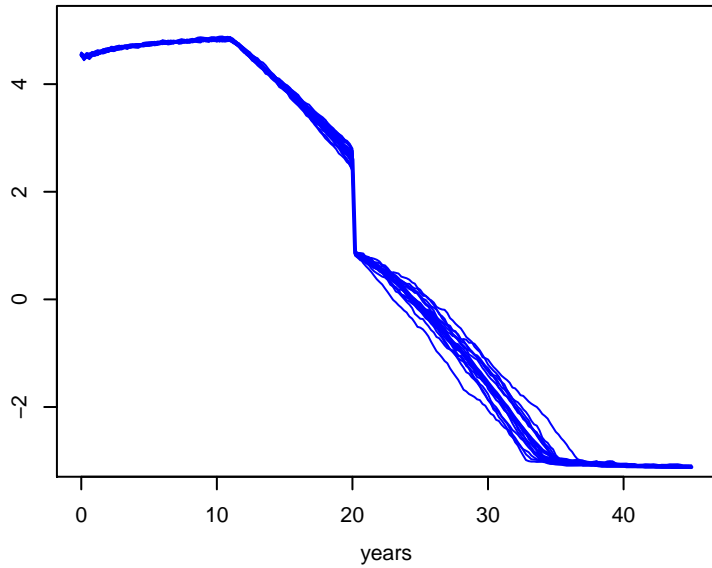
mean_age_died_AIDS



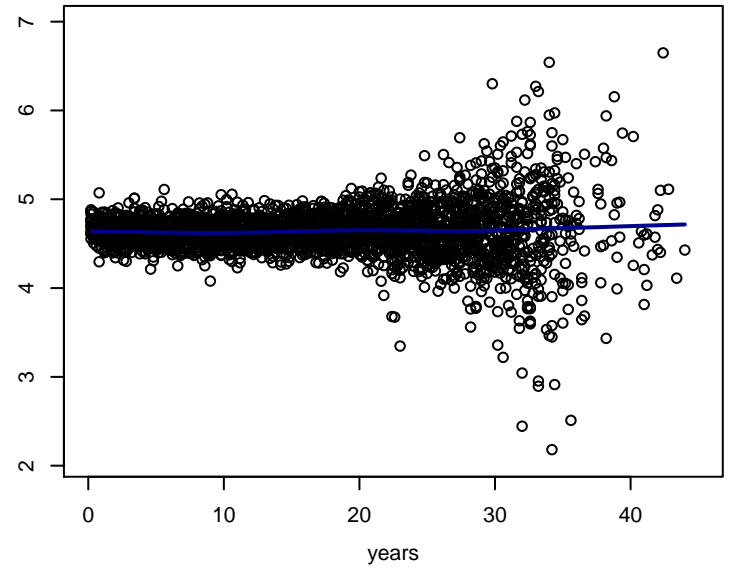
mean_spvl_pop_all



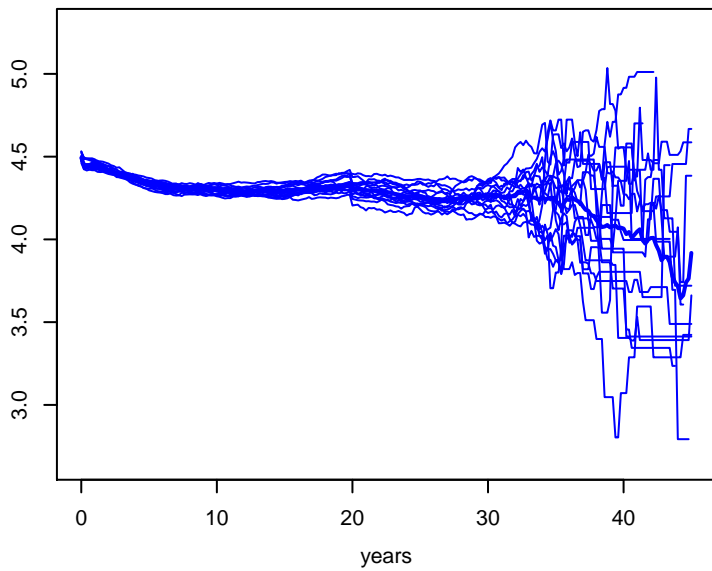
mean_vl_pop_all



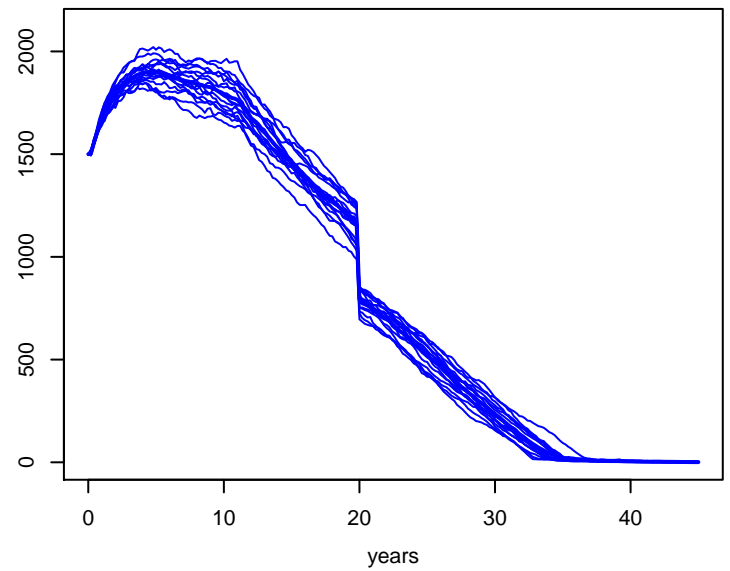
mean_spvl_incident



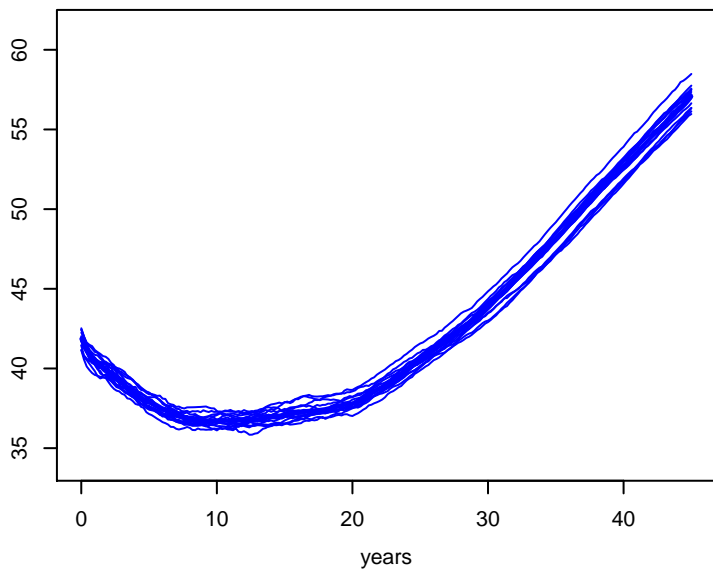
mean_spvl_pop_untreated



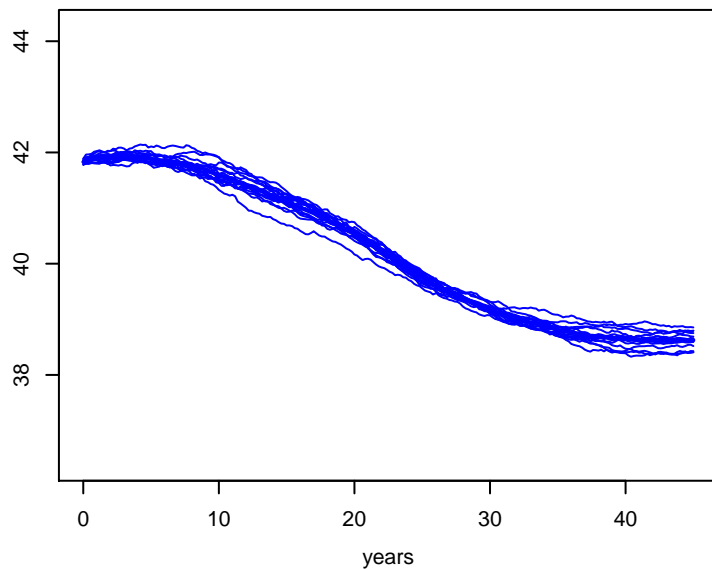
total_infections_not_treated



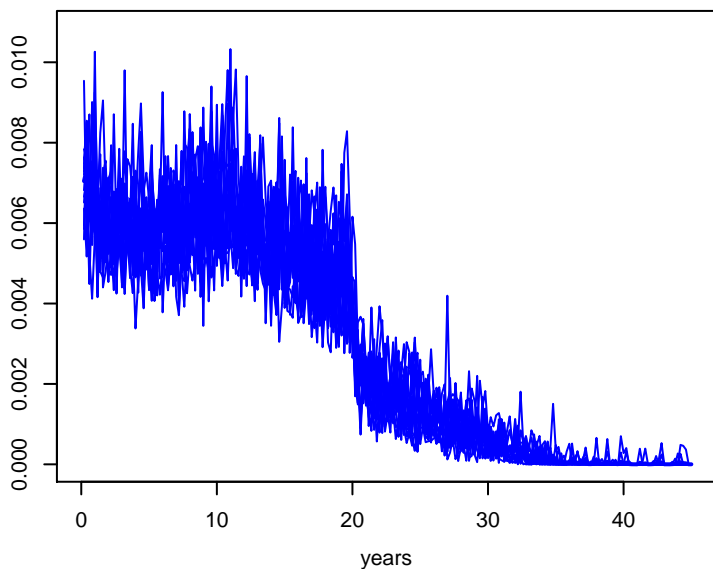
mean_age_infecteds



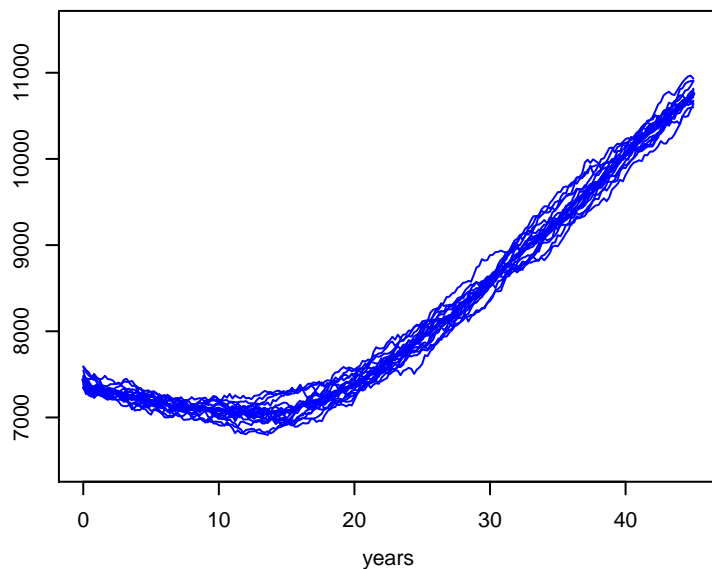
mean_age_susceptibles



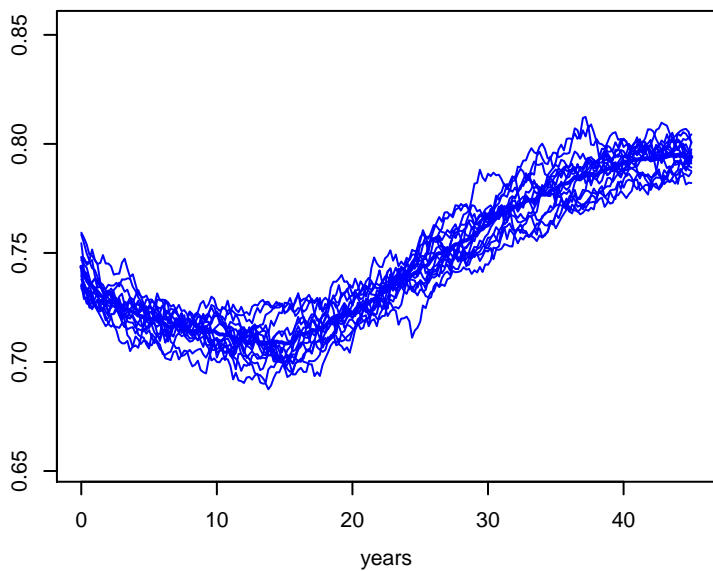
mean_trans_prob



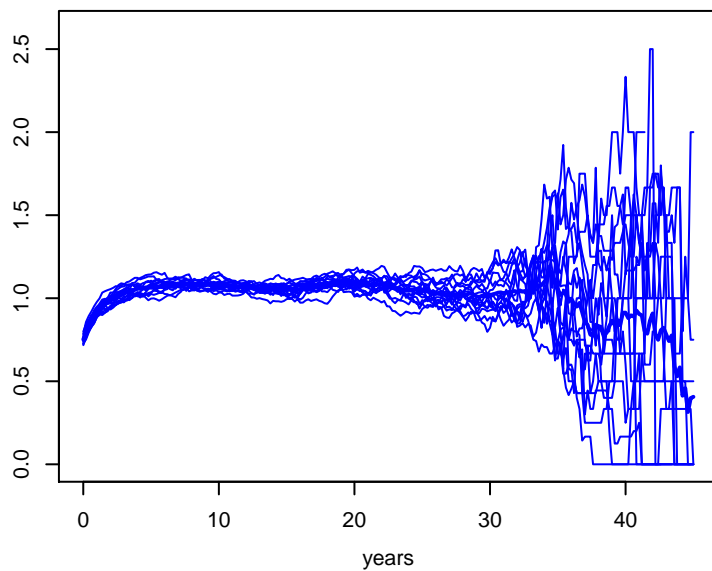
no_edges



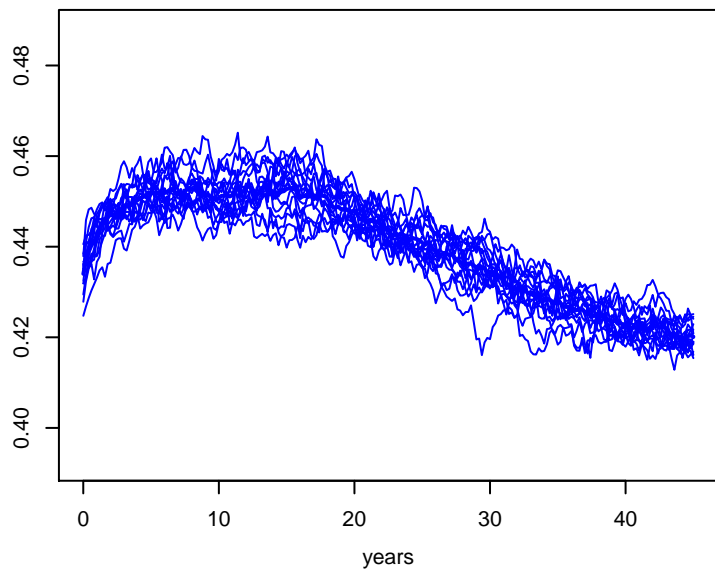
mean_degree



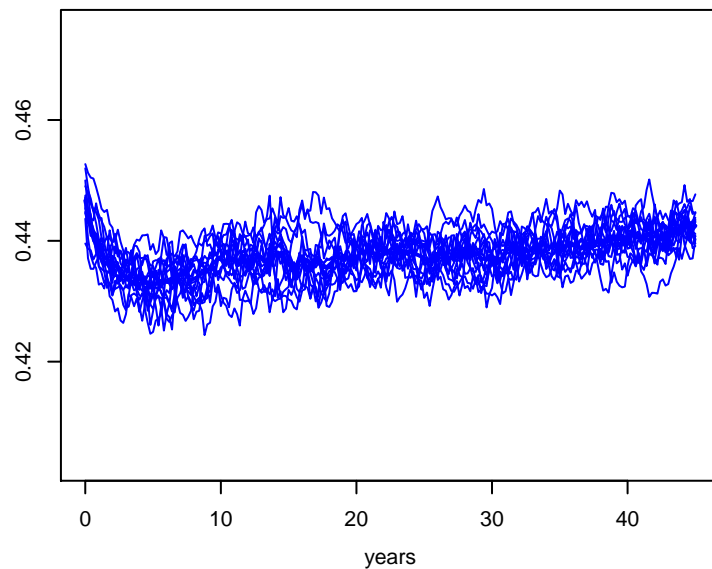
mean_degree_inf_untreated



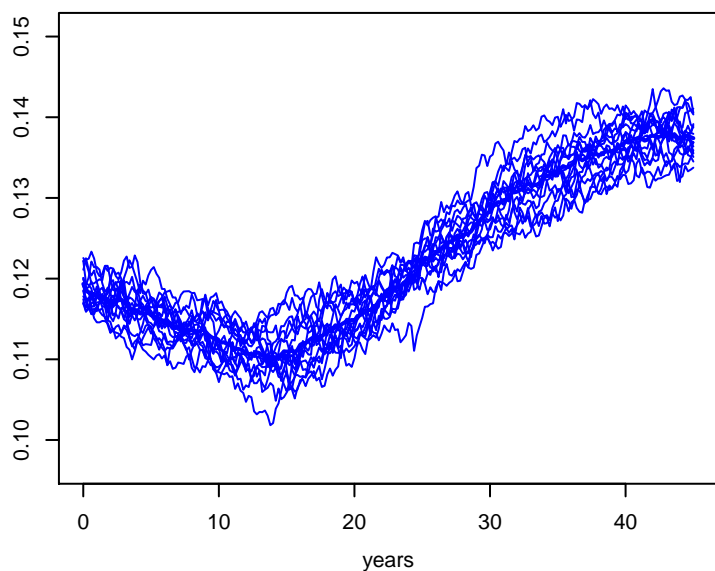
prop_nodes_degree_0



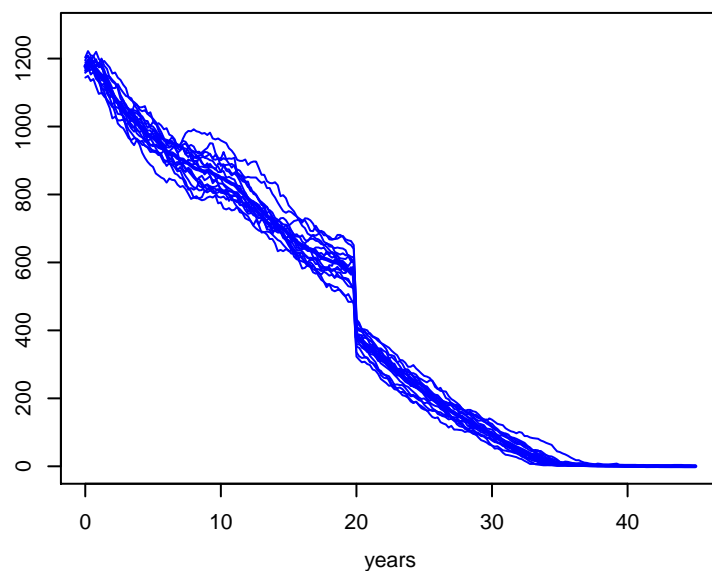
prop_nodes_degree_1



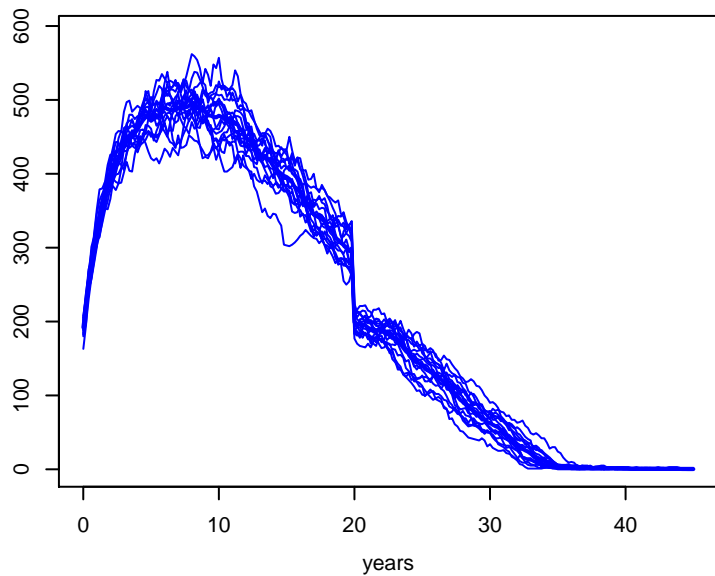
prop_nodes_concurrent



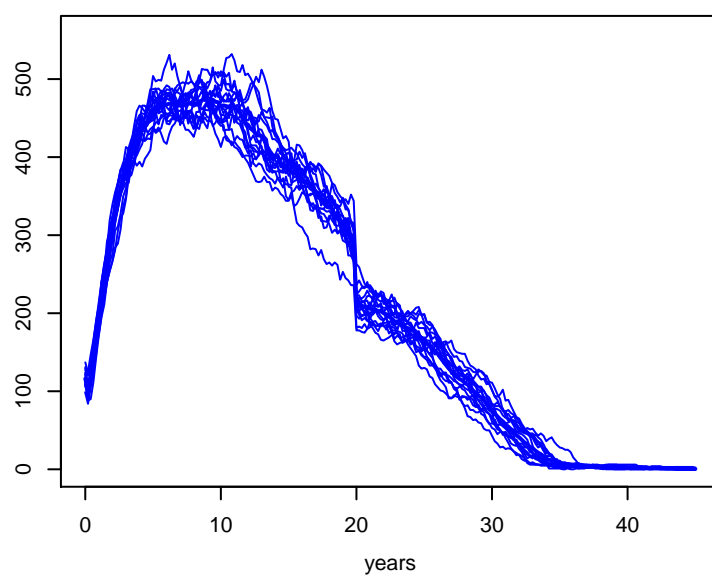
cd4_gt_350



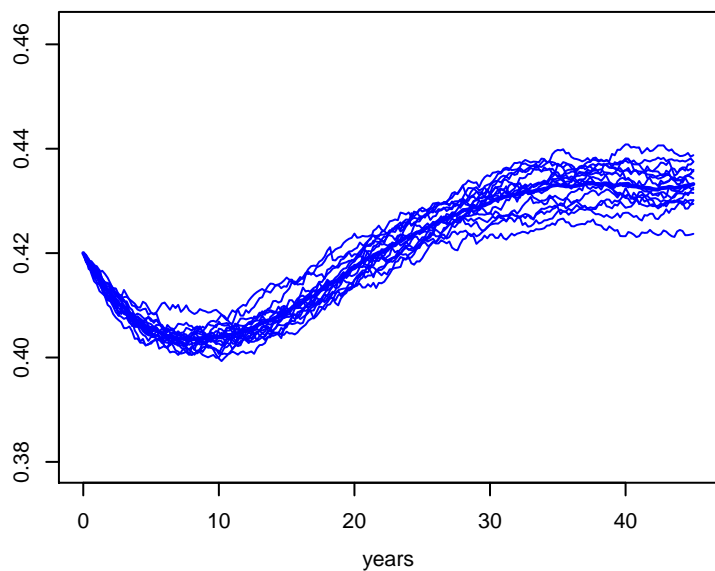
cd4_200_350



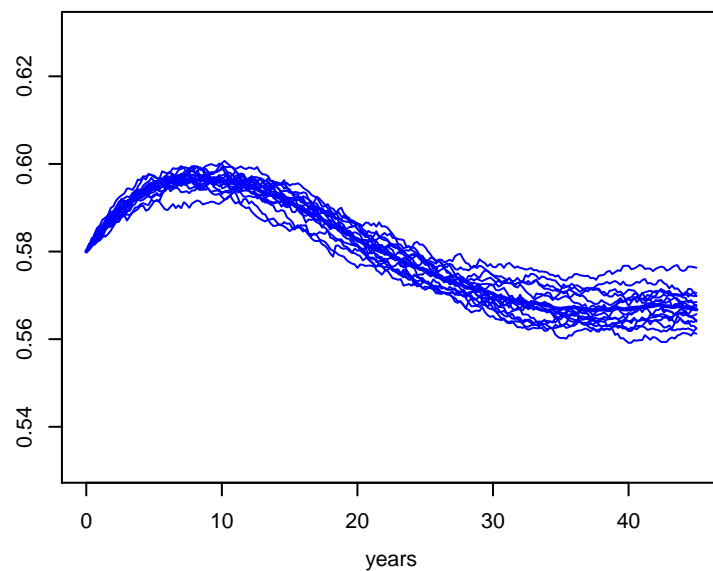
cd4_0_200



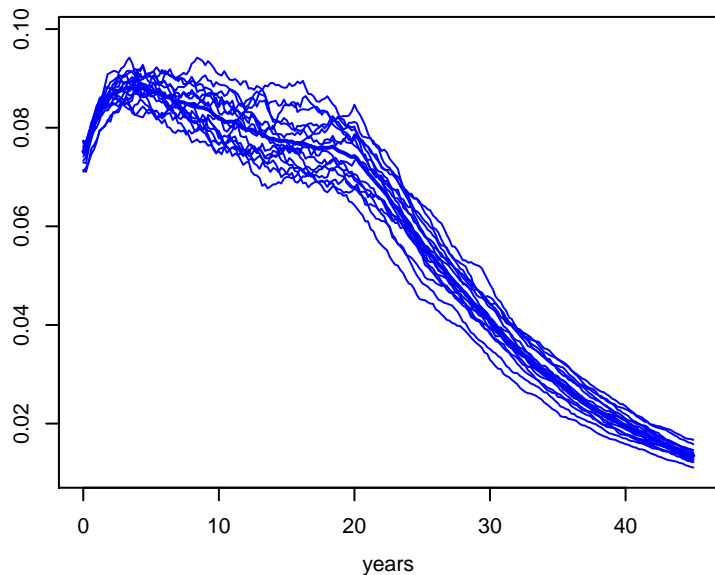
generic_att_percent_cat_1



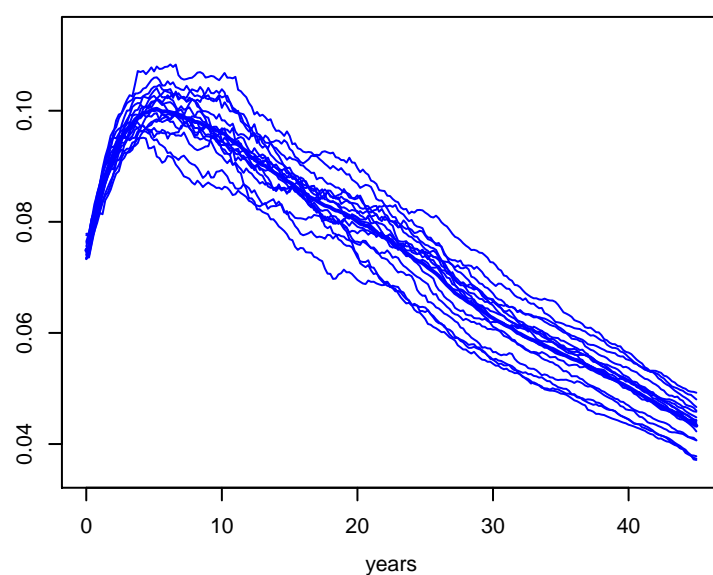
generic_att_percent_cat_2



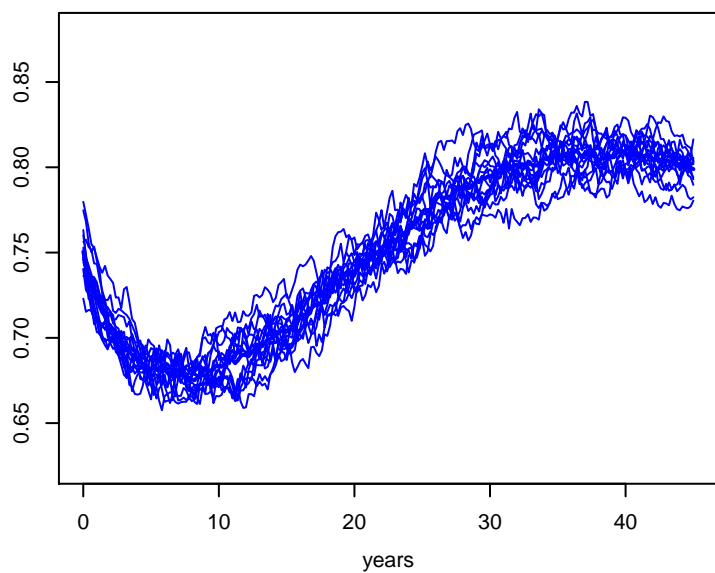
generic_att_percent_inf_cat_1



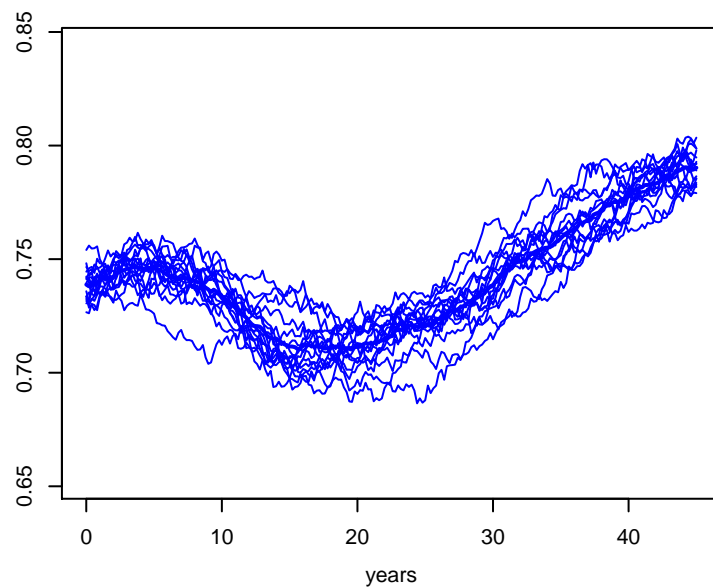
generic_att_percent_inf_cat_2



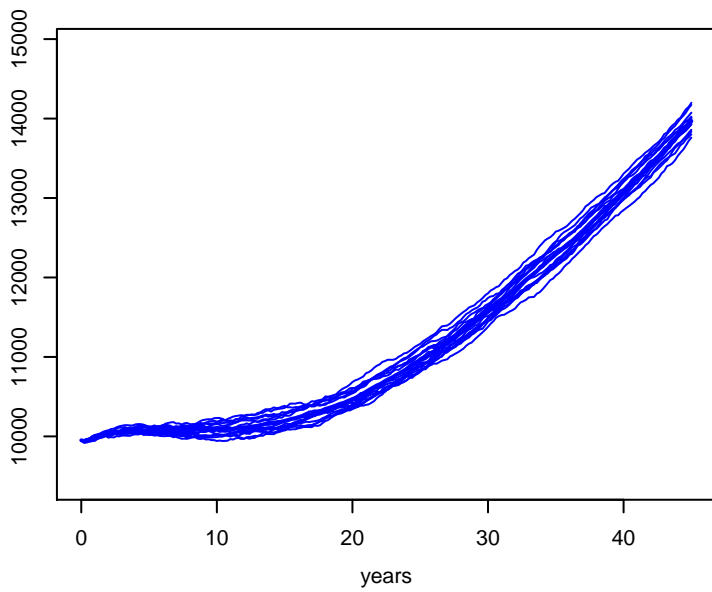
generic_att_mean_degree_cat_1



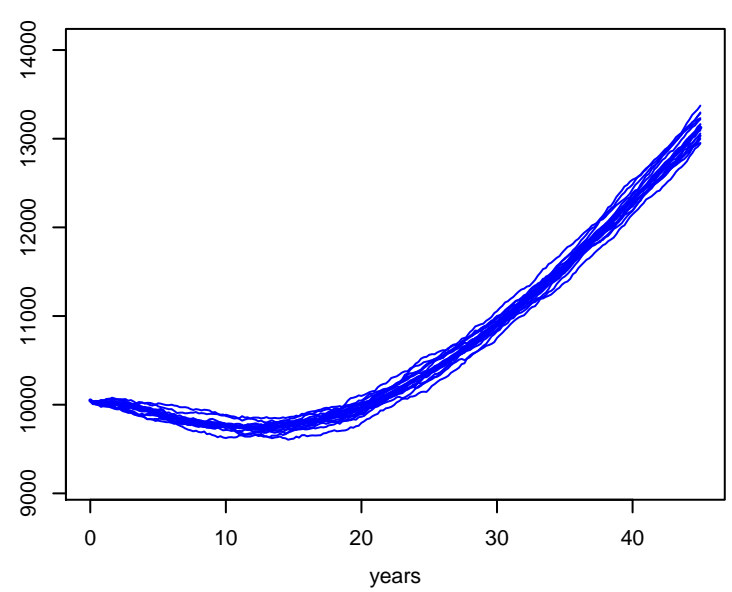
generic_att_mean_degree_cat_2



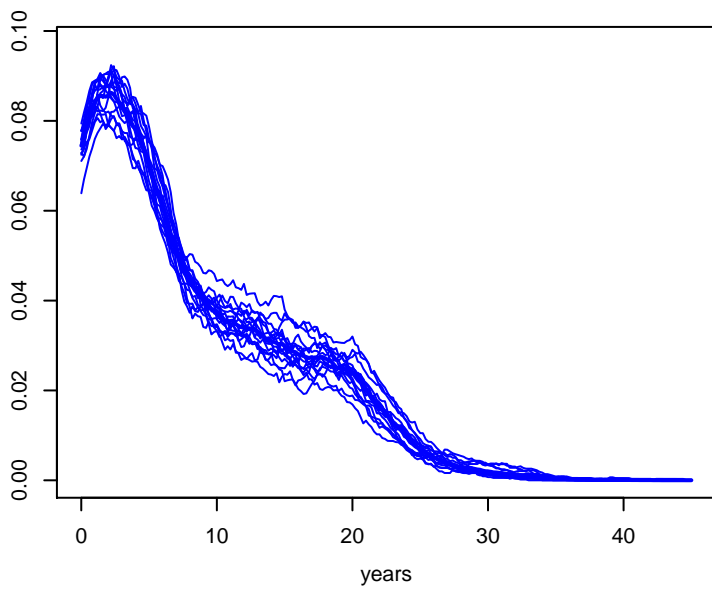
alive_female



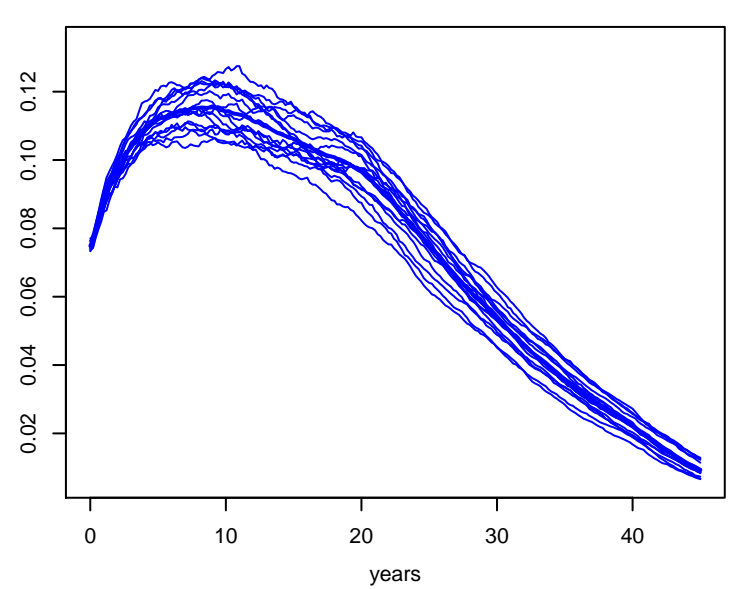
alive_male



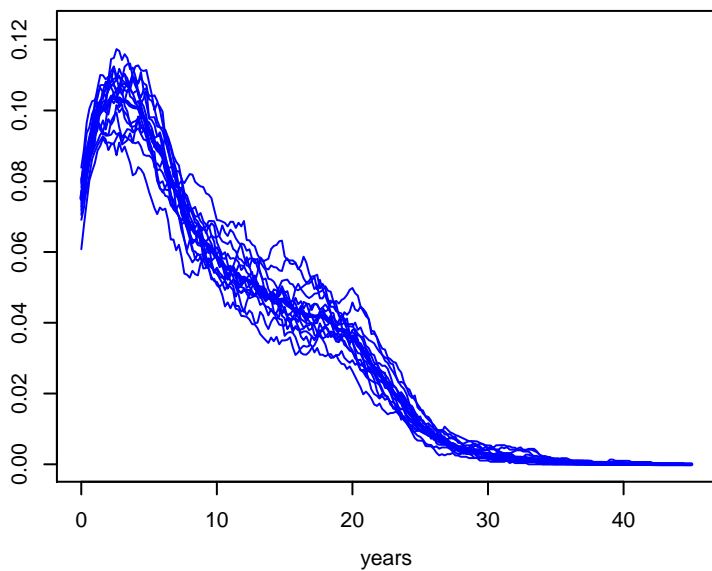
prev_15to24



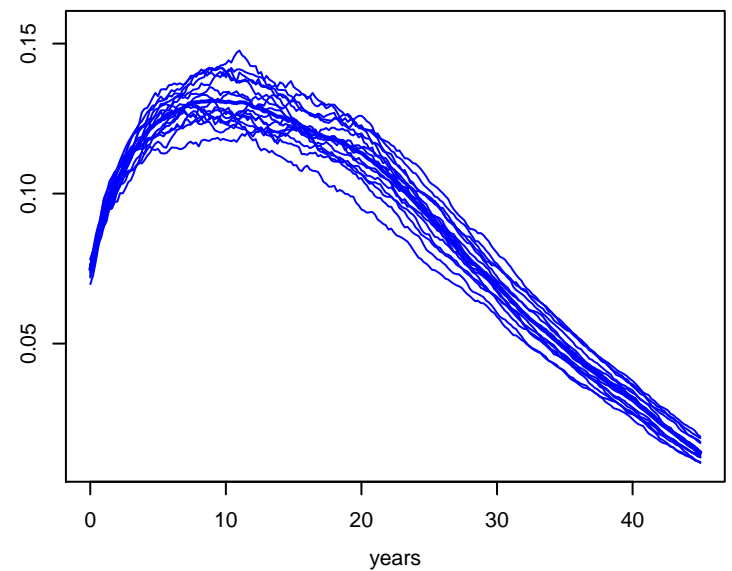
prev_15to49



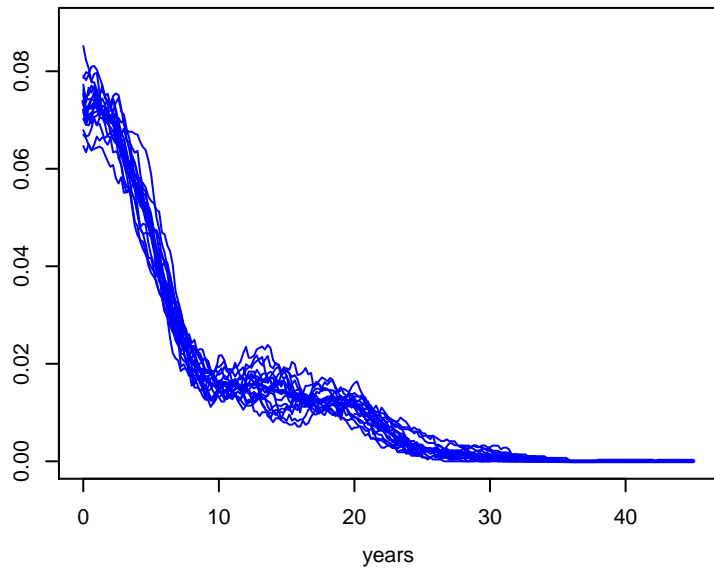
prev_f_15to24



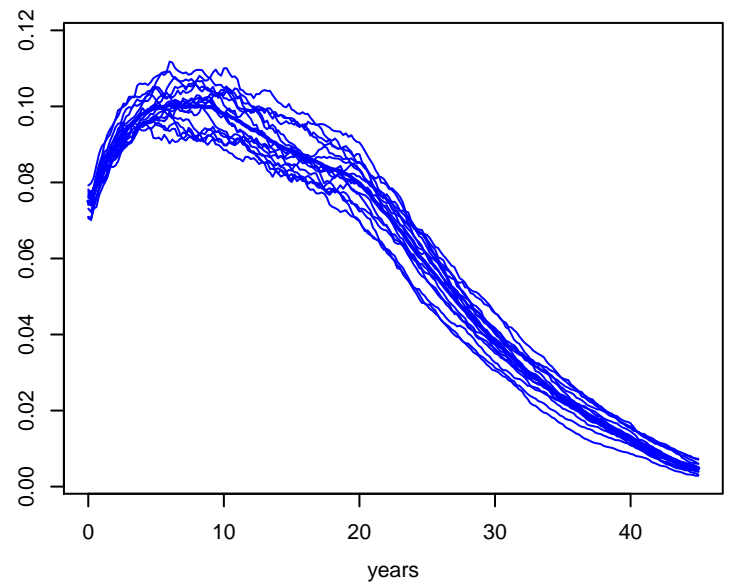
prev_f_15to49



prev_m_15to24

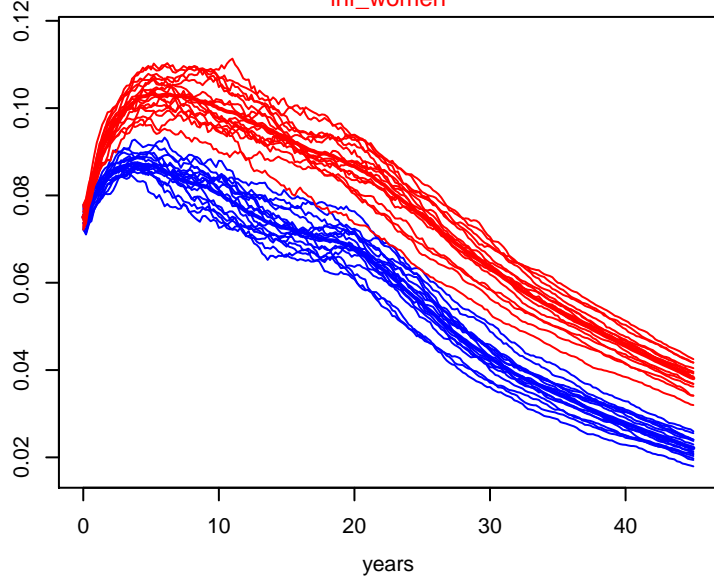


prev_m_15to49

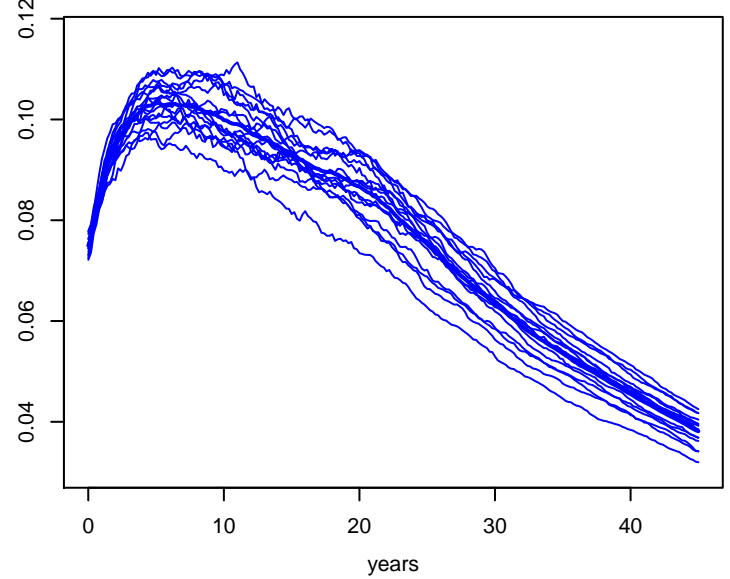


inf_men

inf_women

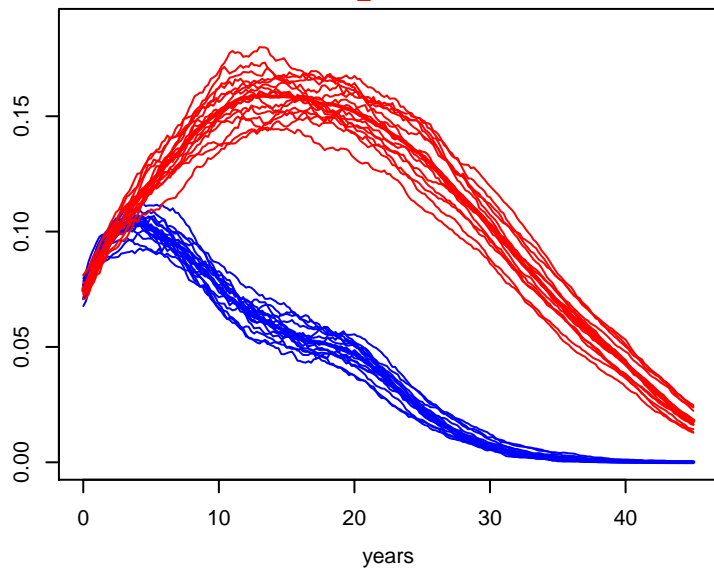


inf_women

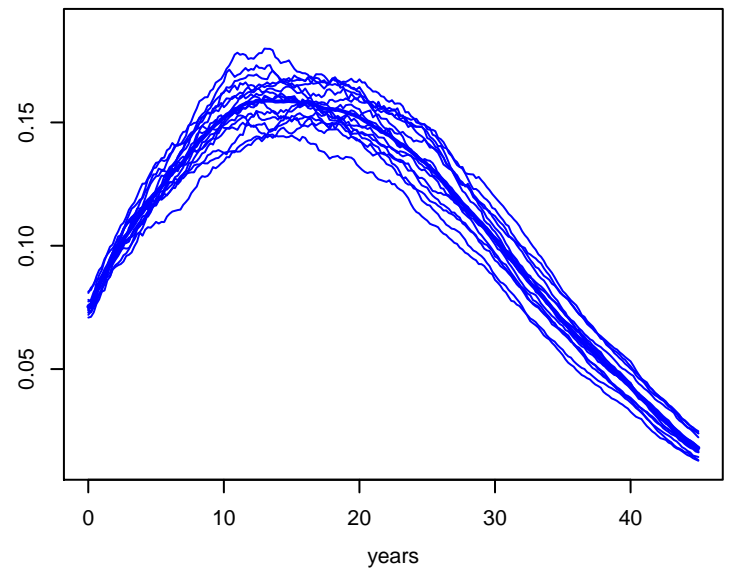


inf_under30

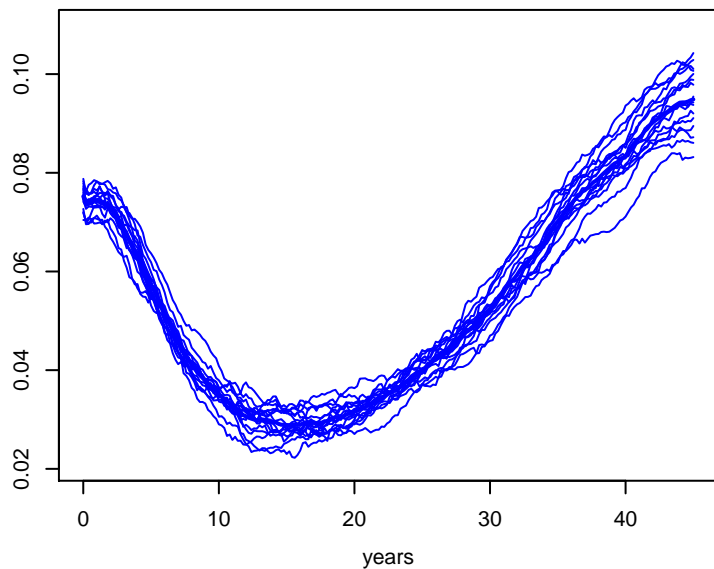
inf_30to50



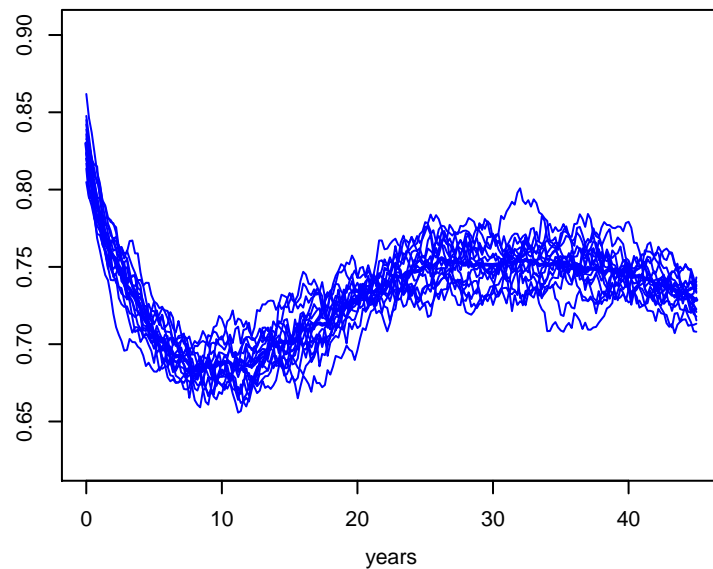
inf_30to50



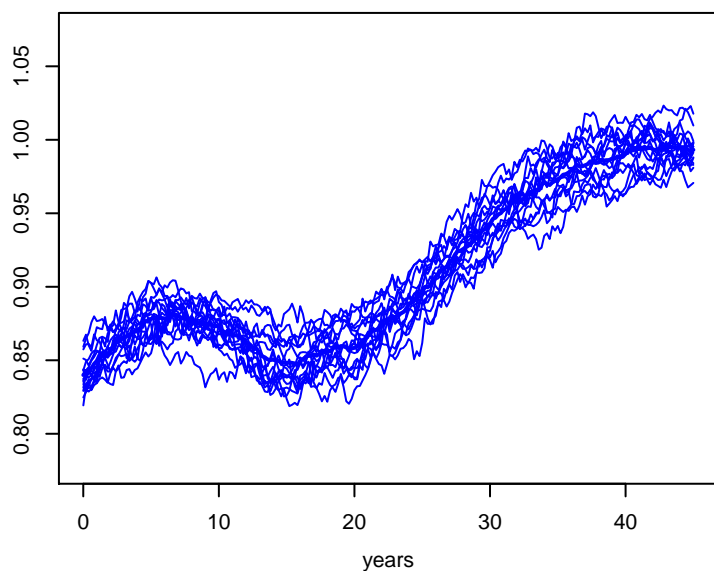
inf_over50



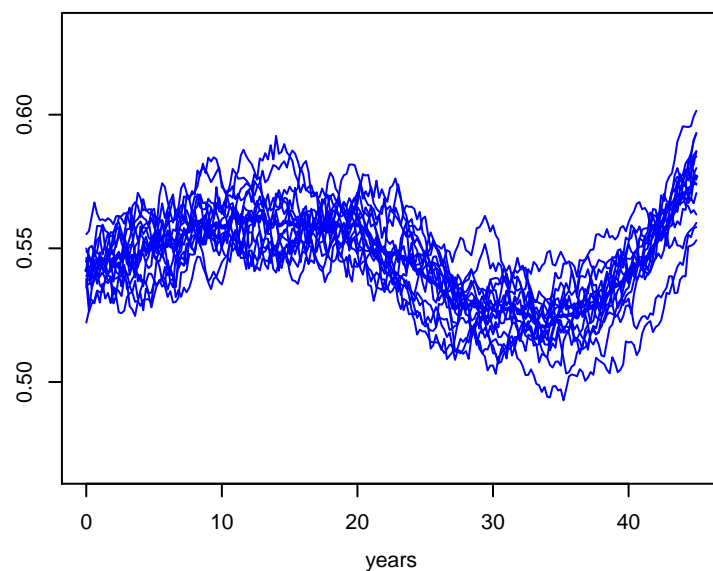
mean_degree_under_30



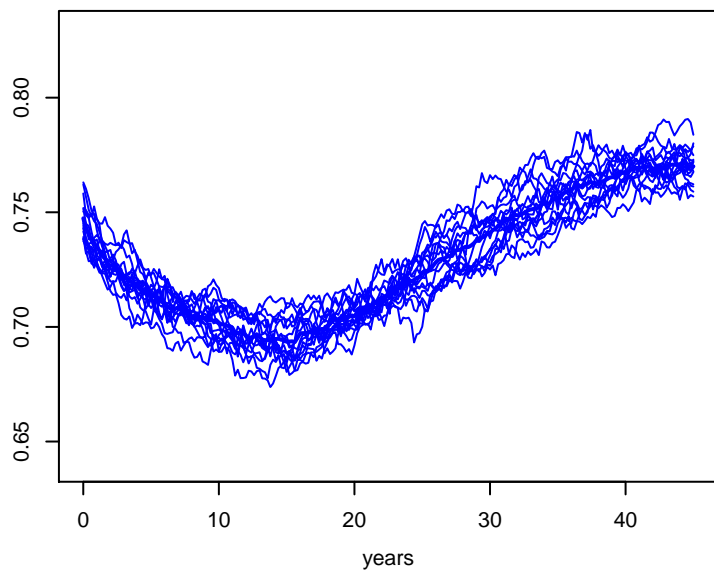
mean_degree_30_50



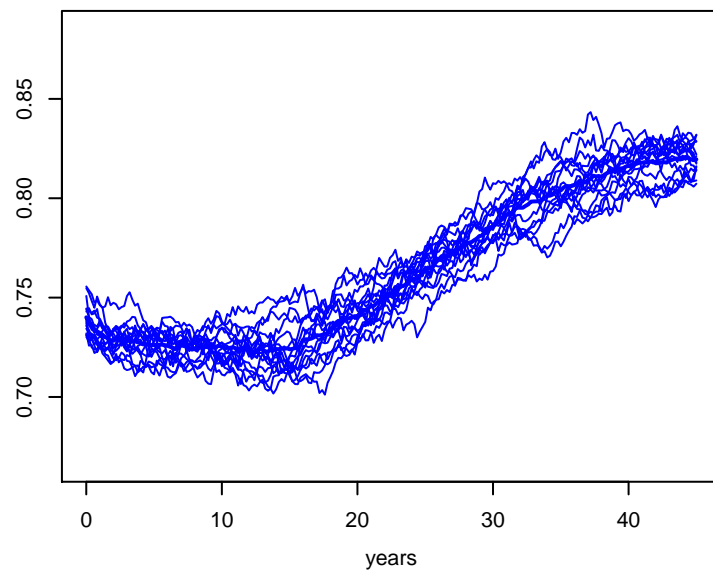
mean_degree_over_50



mean_degree_female

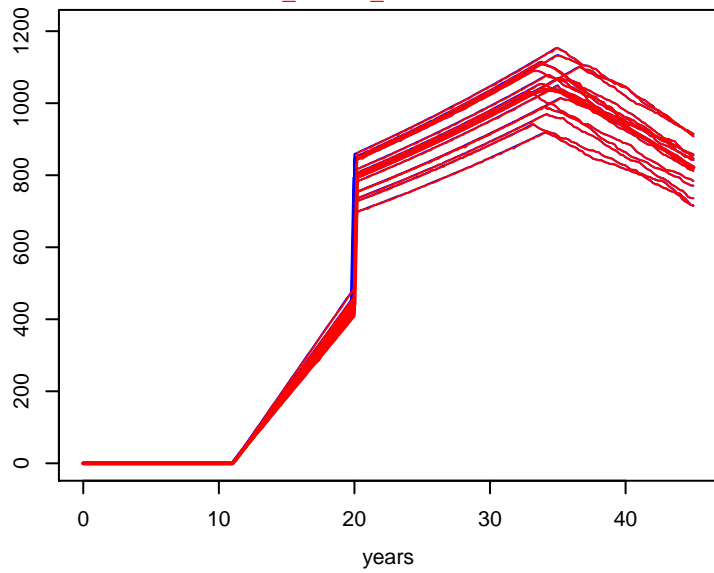


mean_degree_male

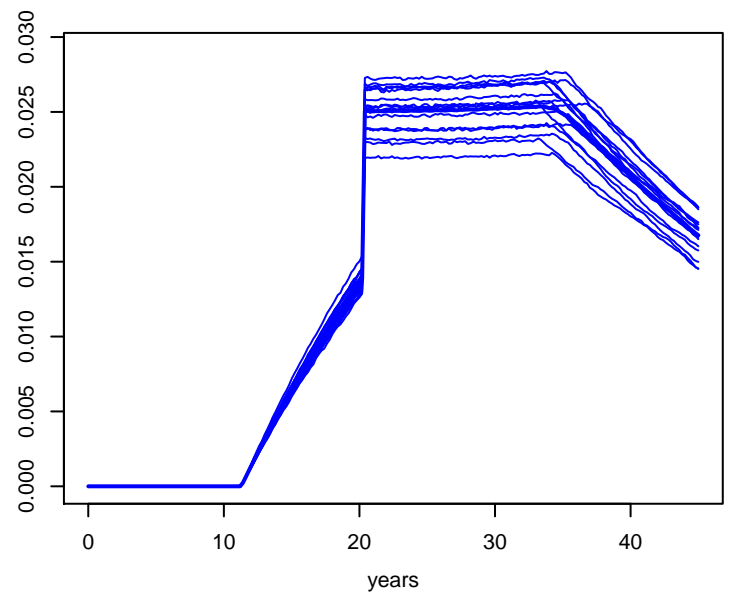


no_treated

no_treated_undetectable

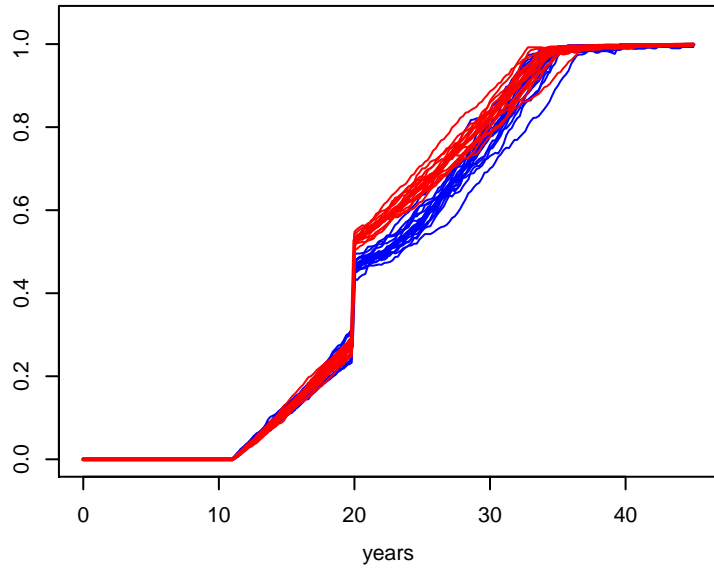


percent_suppressed

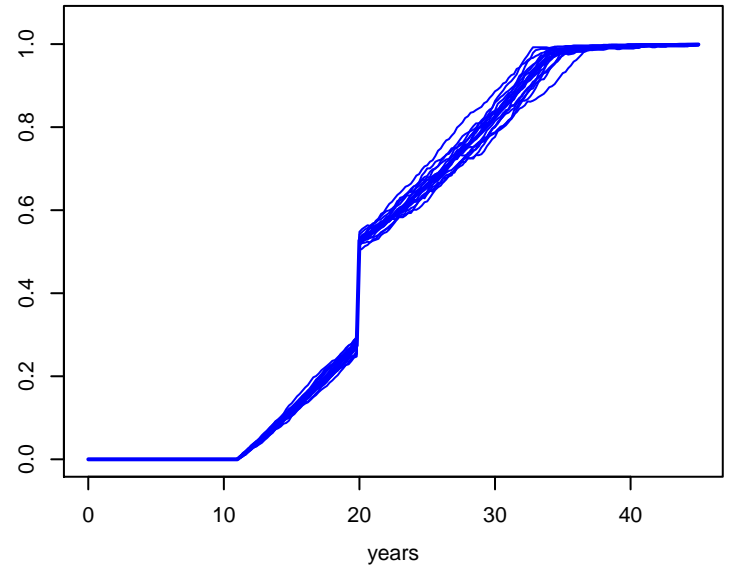


treated_inf_men

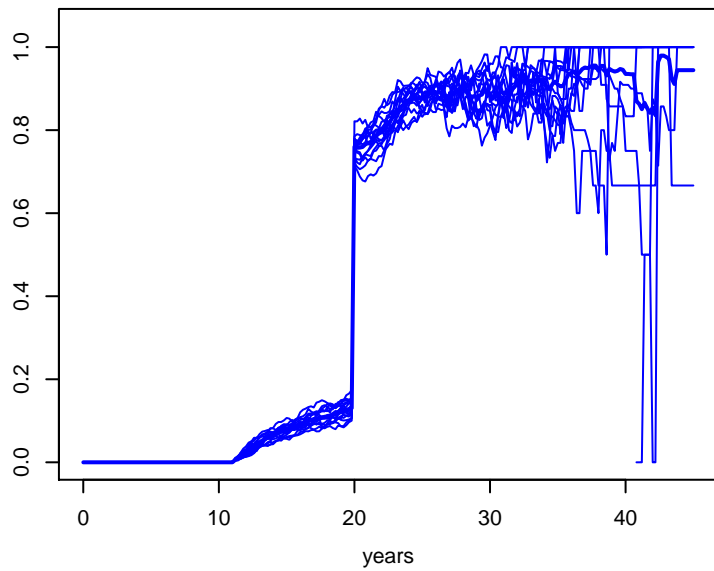
treated_inf_women



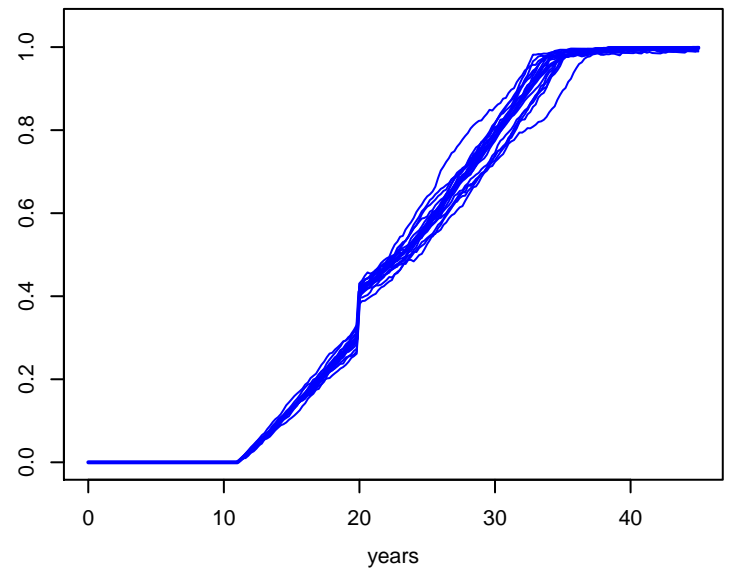
treated_inf_women



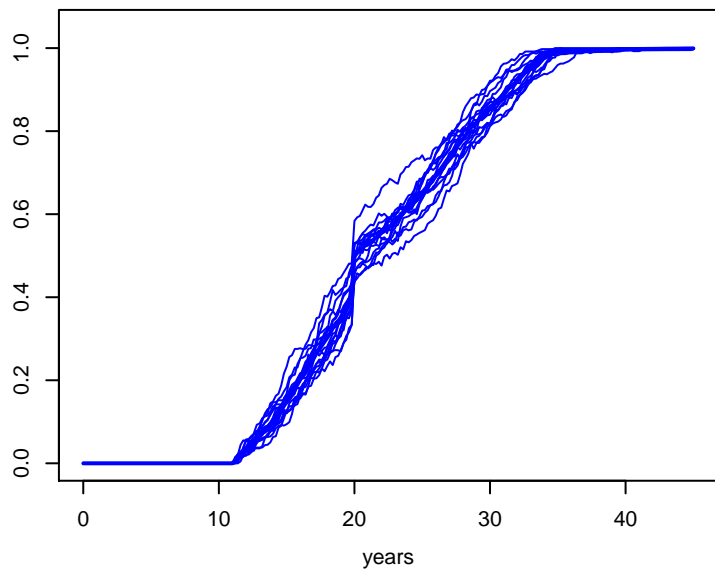
treated_inf_under30



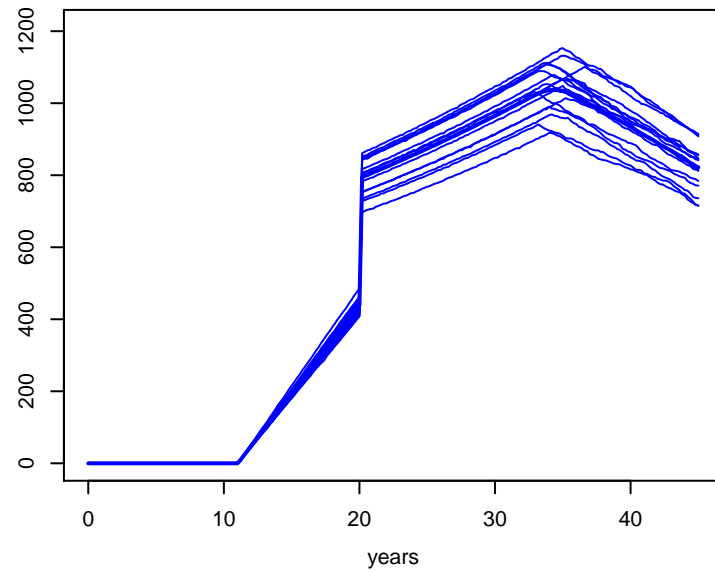
treated_inf_30to50



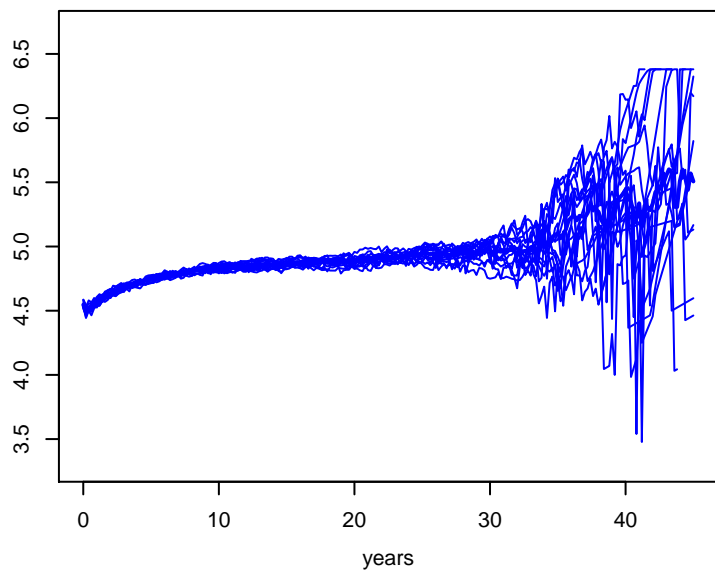
treated_inf_over50



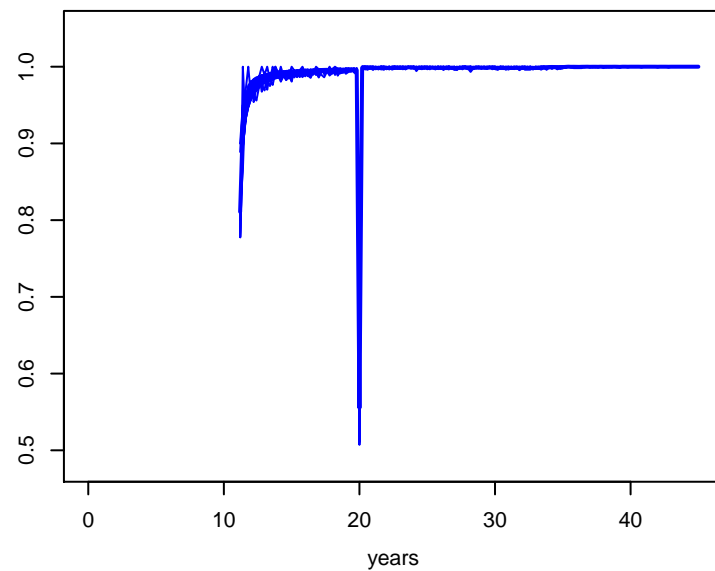
no_treated_undetectable



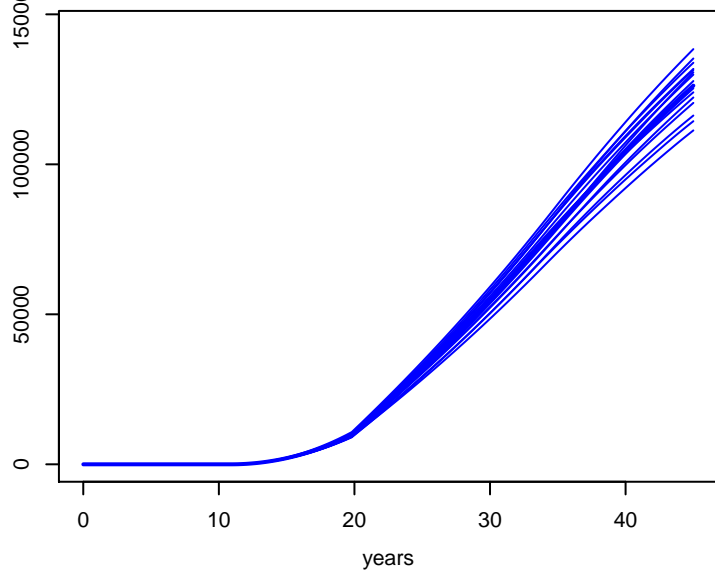
mean_vl_pop_untreated



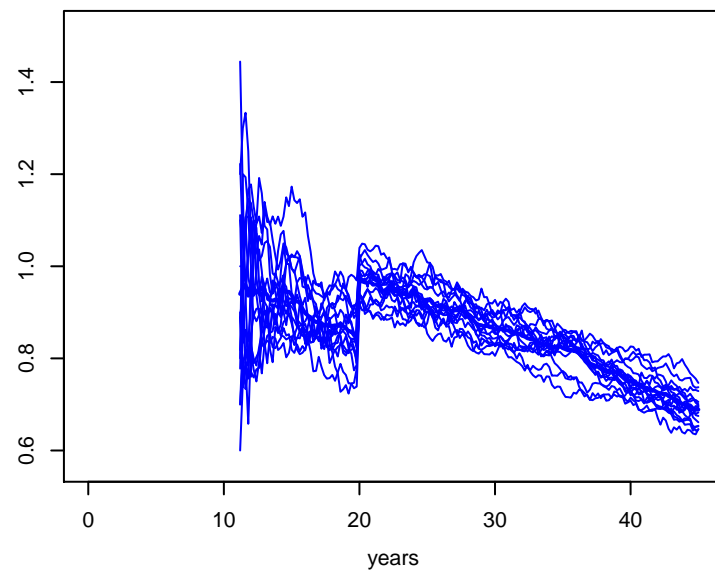
percent_treated_undetectable



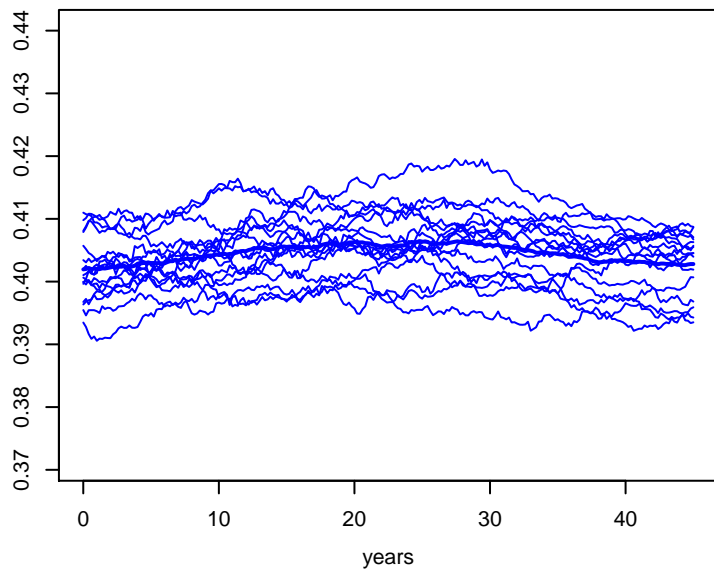
total_pills_taken



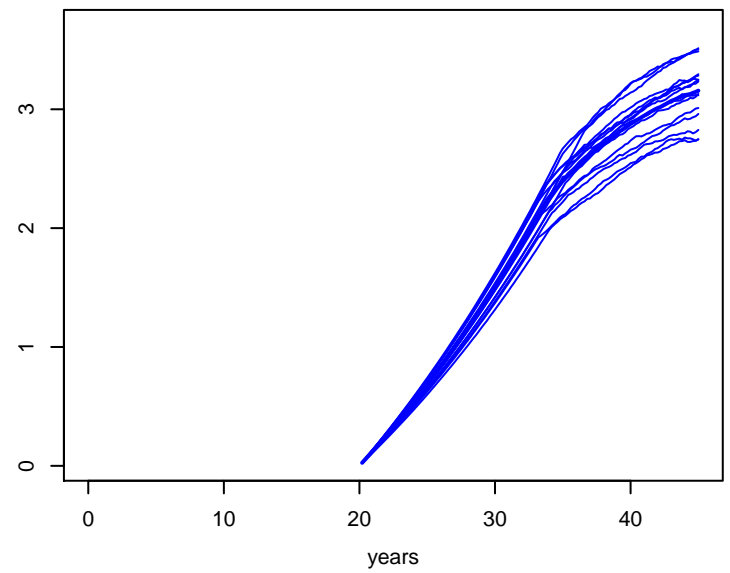
mean_degree_inf_treated



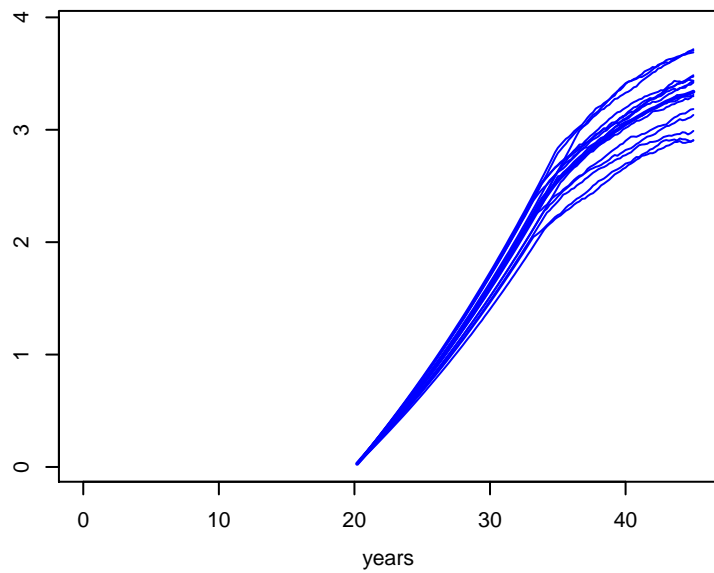
circum_prev



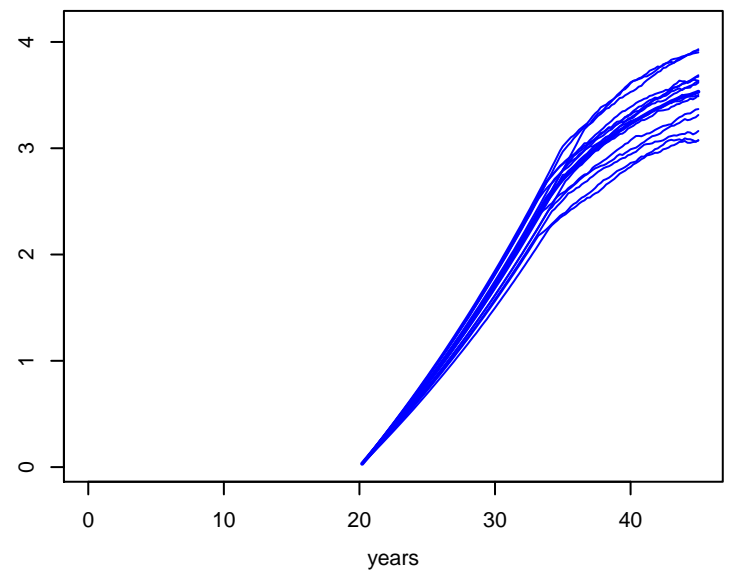
daly1



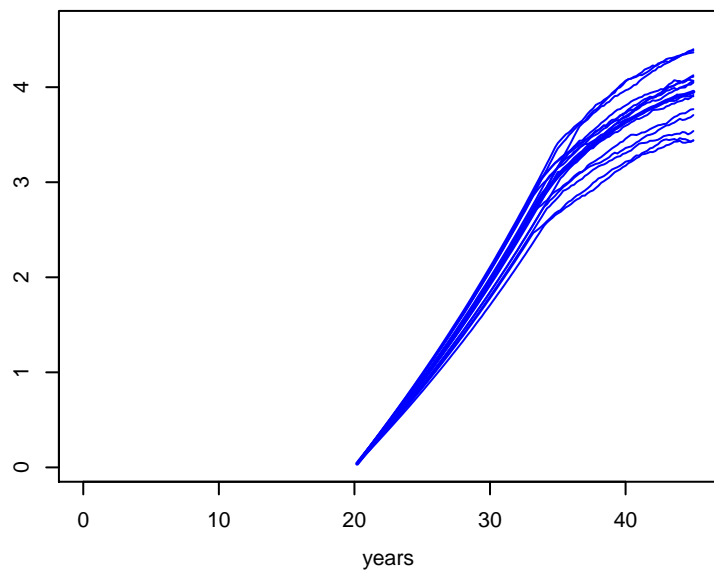
daly2



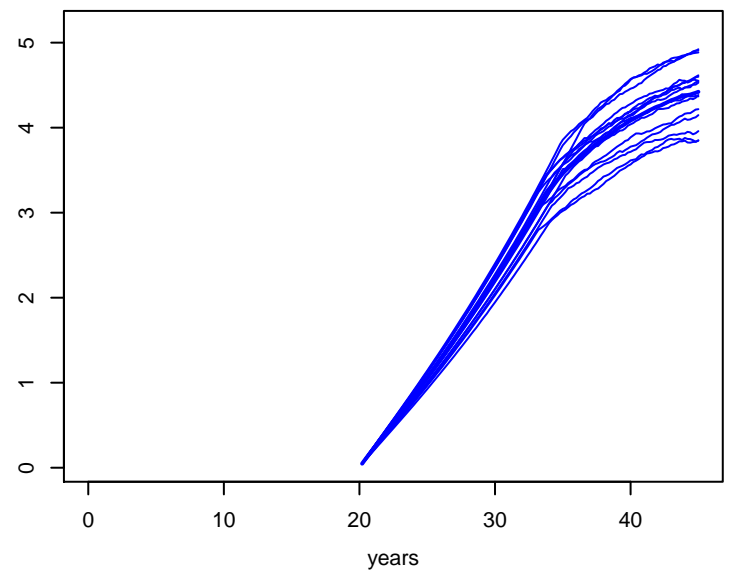
daly3



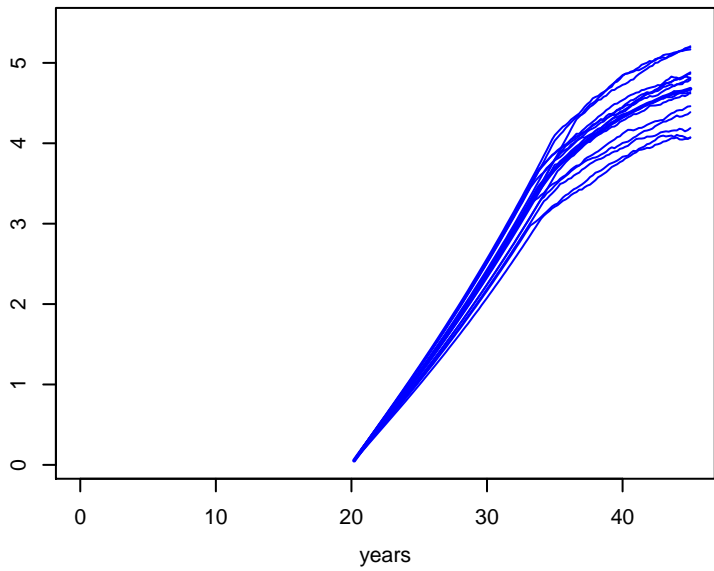
daly5



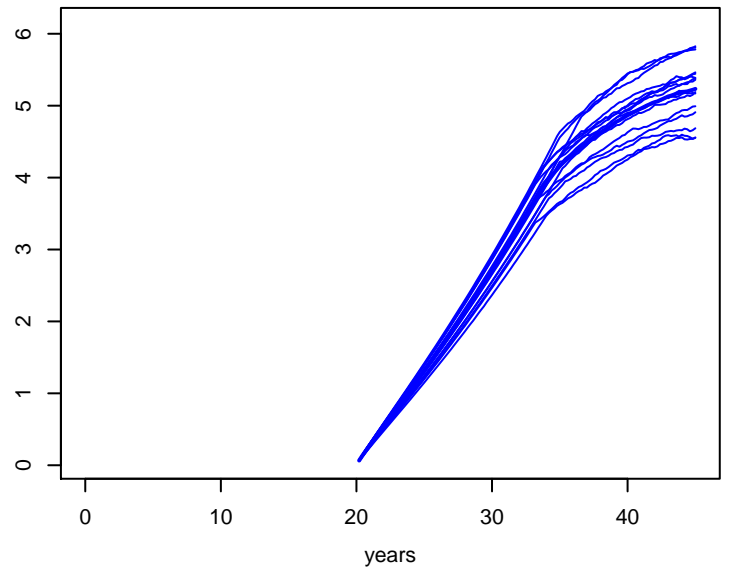
daly7



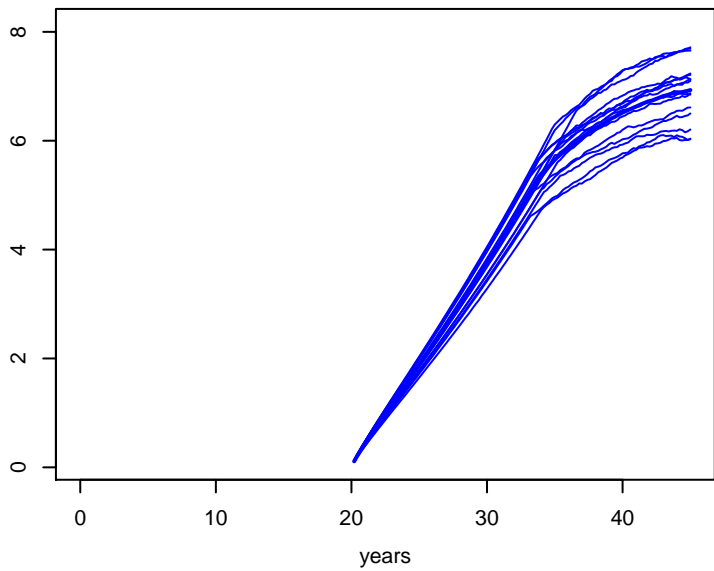
daly8



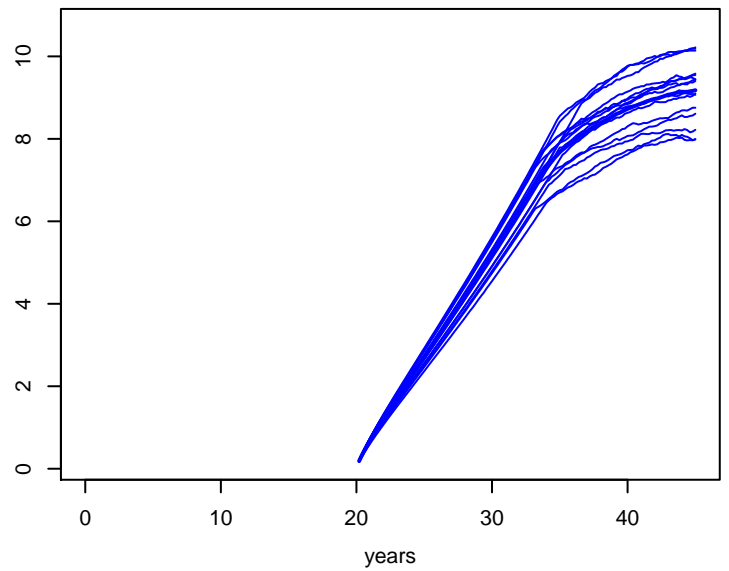
daly10



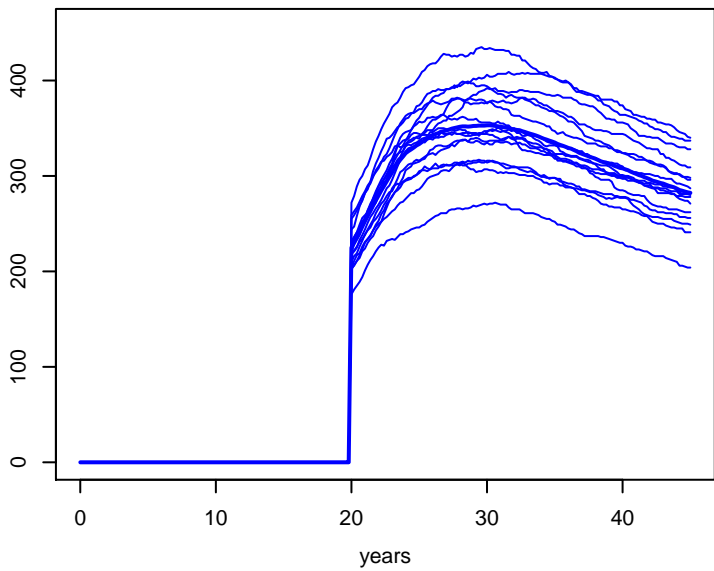
daly15



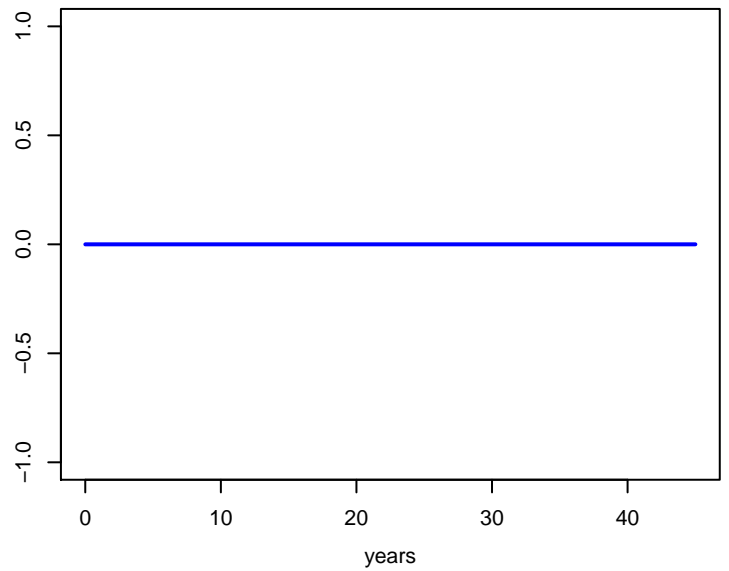
daly20



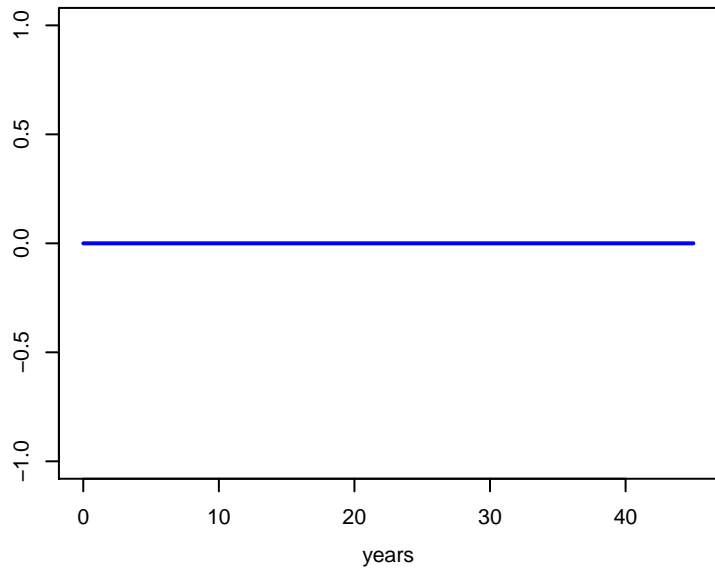
prioritized_tx



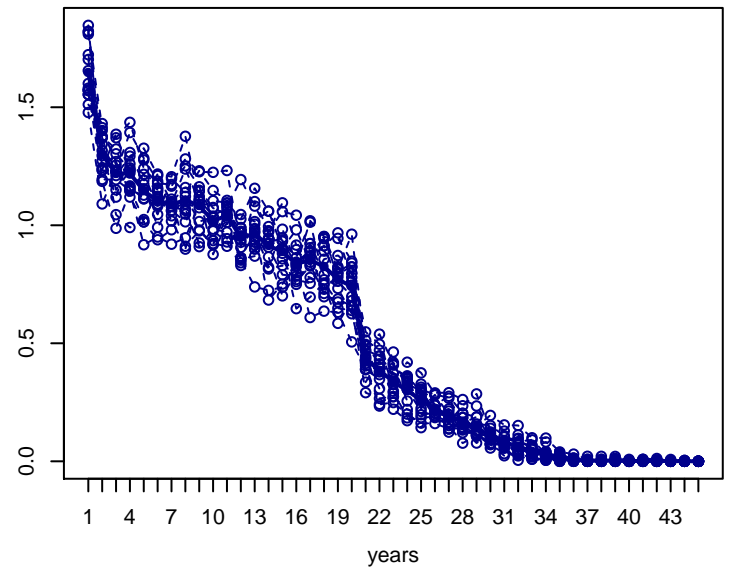
generic_att_percent_vacc_cat_1



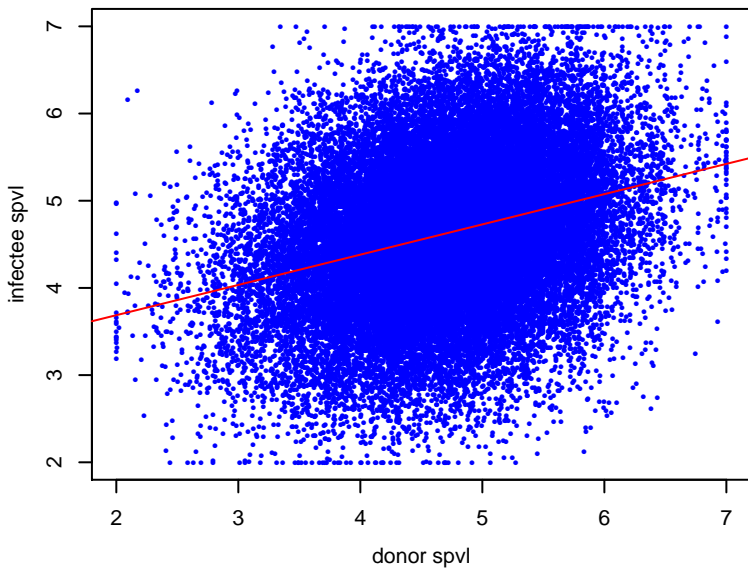
generic_att_percent_vacc_cat_2



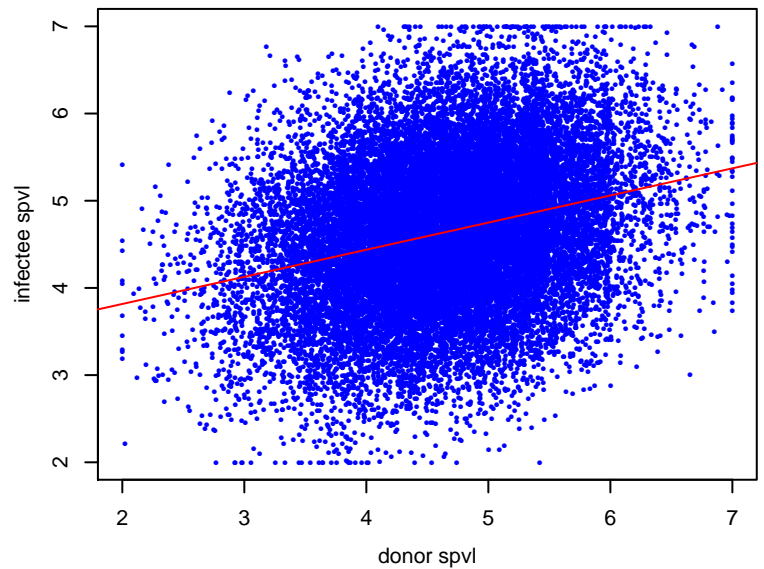
incidence rate per 100 person years



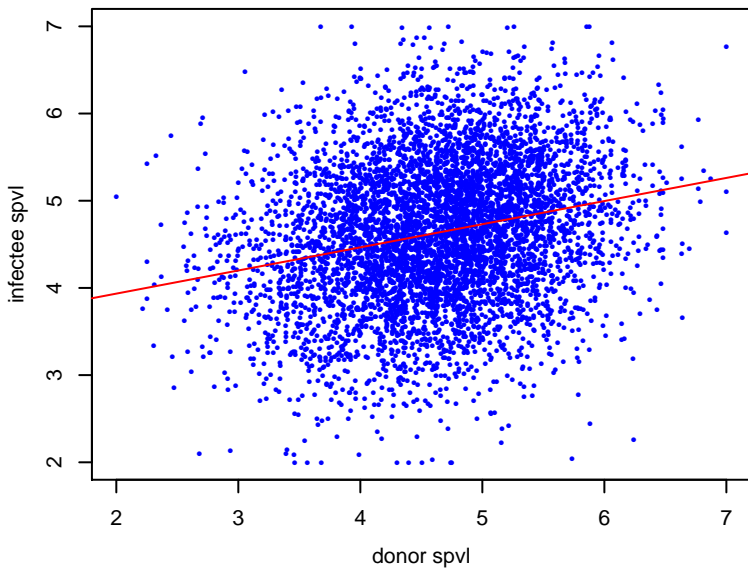
1st quarter heritability (n= 38398): 0.35



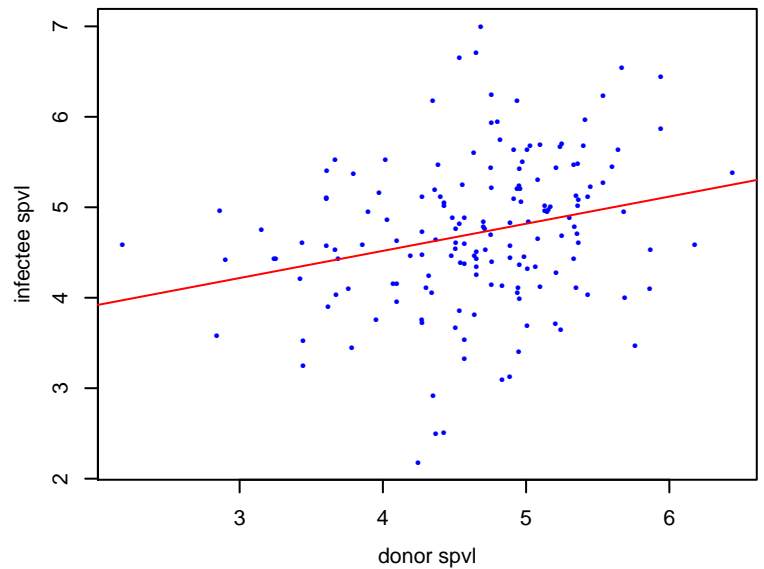
2nd quarter heritability (n= 25024): 0.31



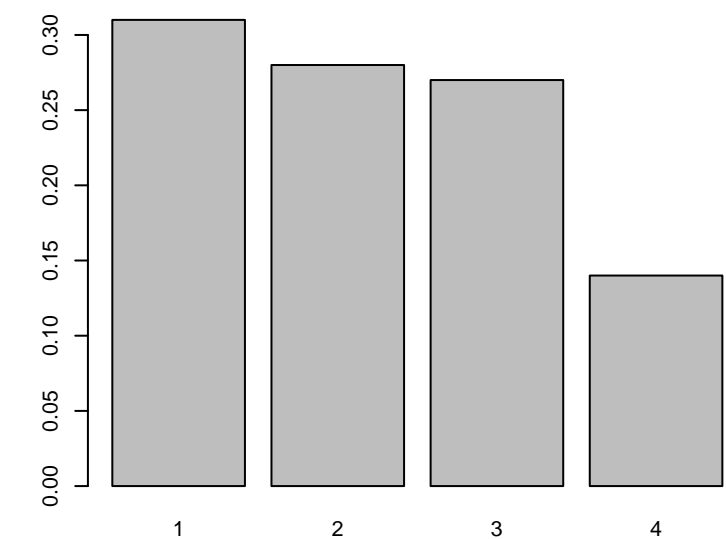
3rd quarter heritability (n= 5731): 0.27



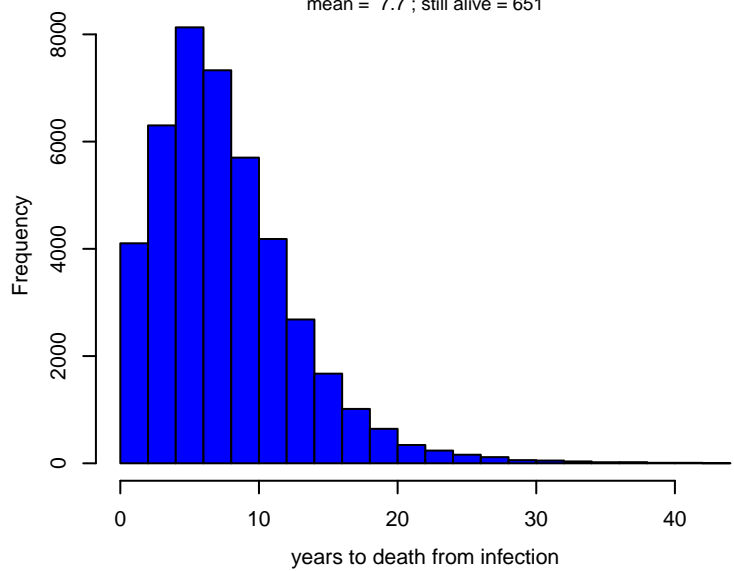
4th quarter heritability (n= 164): 0.3



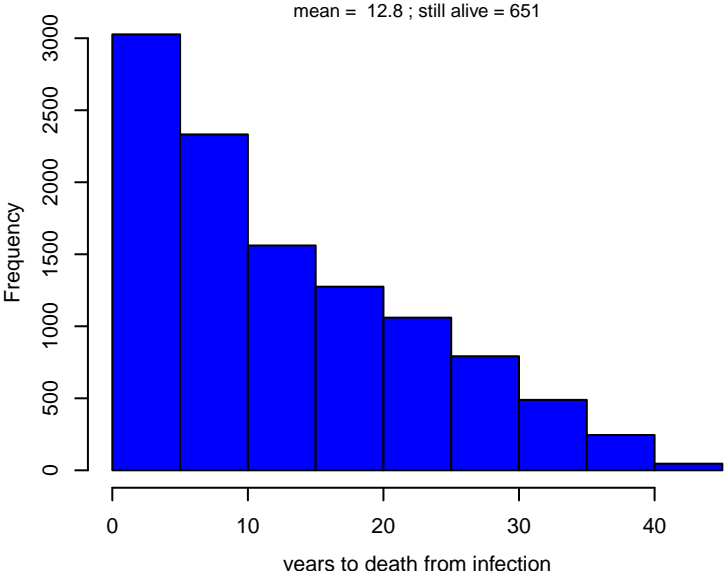
Percent infection by donors CD4



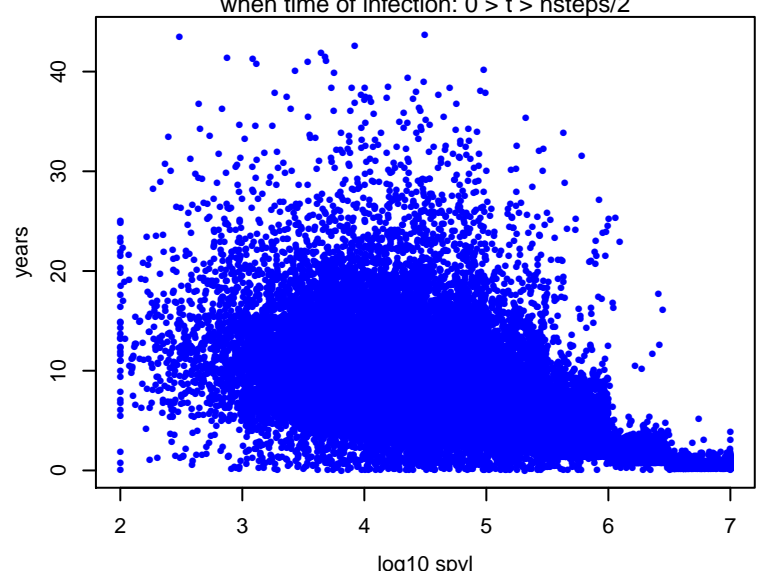
time to aids death from infection; n = 42822
when time of infection: 0 > t & t < 22 years
mean = 7.7 ; still alive = 651



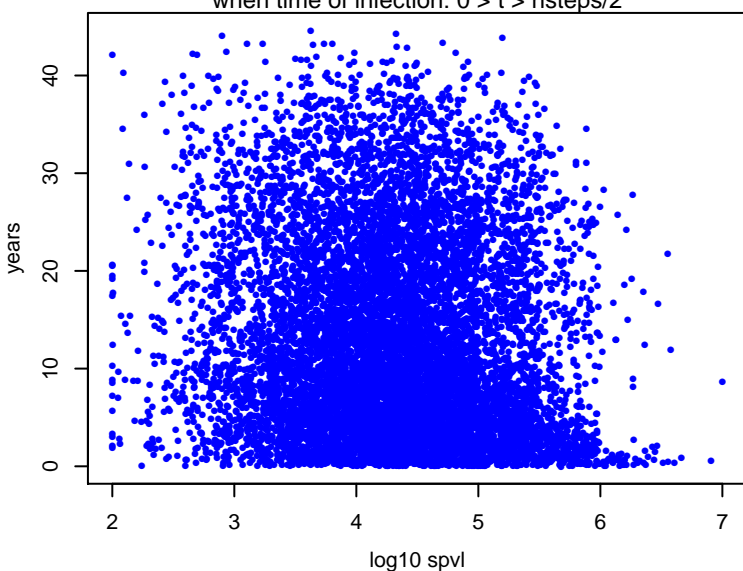
time to non-aids death from infection; n = 10827
when time of infection: 0 > t & t < 22 years
mean = 12.8 ; still alive = 651



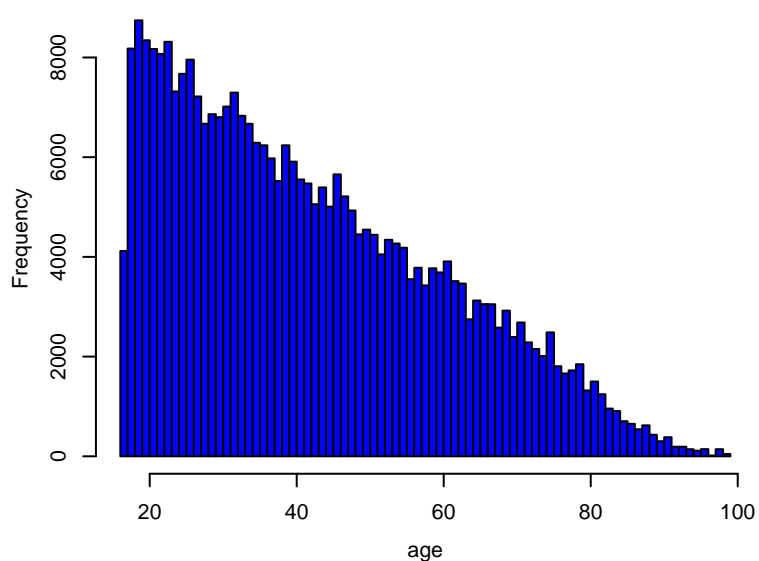
time to aids death from infection
when time of infection: 0 > t > nsteps/2



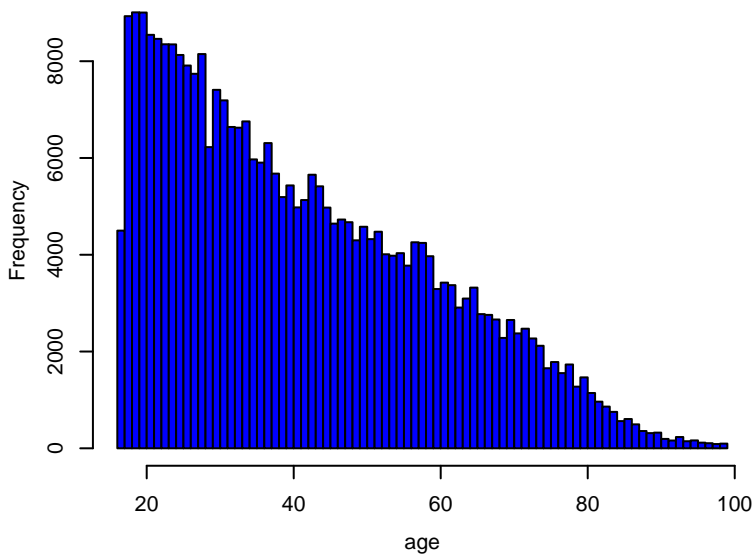
time to non-aids death from infection
when time of infection: 0 > t > nsteps/2



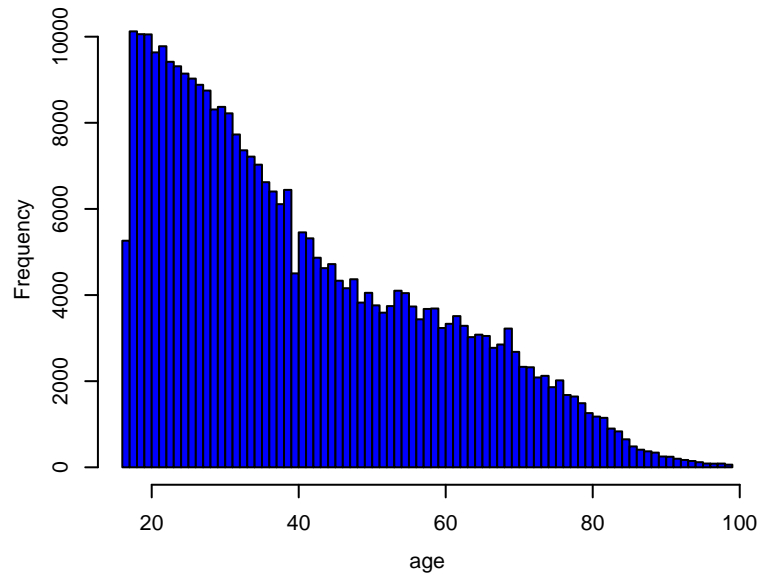
age distribution at year 0



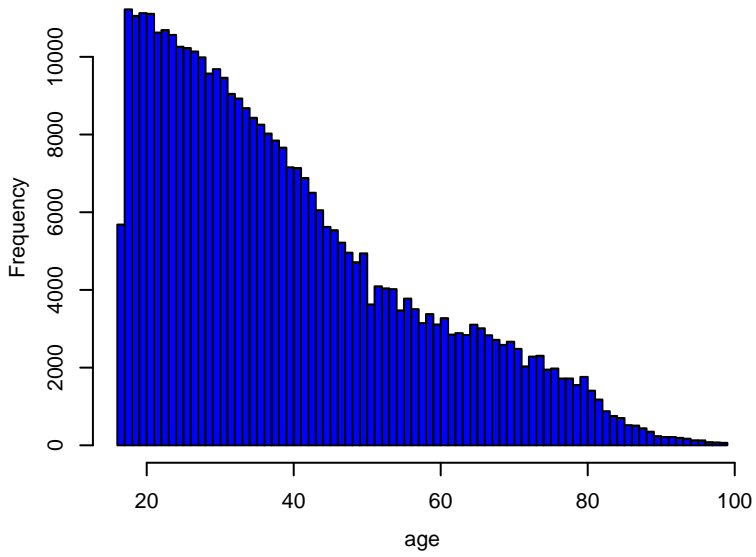
age distribution at year 11.2



age distribution at year 22.5



age distribution at year 33.8



age distribution at year 45

