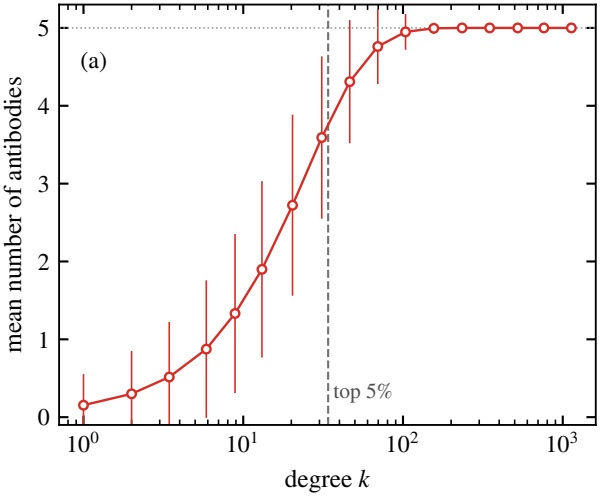
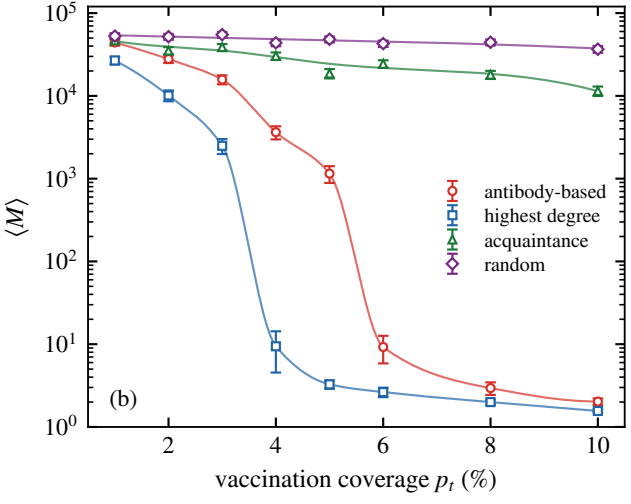

(a)
mean number of antibodies
top 5%
degree k


(b)
$\langle M \rangle$
antibody-based
highest degree
acquaintance
random
vaccination coverage p_t (%)