$\lambda_E = 1.0, \, \lambda_I = 1.0, \, \text{rand.inf.} = \text{True}, \, N_{\text{retries}}^{\text{connect}} = 0, \, f_{\text{work/other}} = 0.5, \, N_{\text{contacts}_{\text{max}}} = 0$ $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{int.} = False, int. = [1, 4, 6], \ f_{dailytests} = 0.01, \ test_{delay} = [0, 0, 25], \ result_{delay} = [5, 10, 5], \ chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{look.back} = 7.0$ v. = 2.1, hash = b8f3ddb1d6, #10 $I_{\text{peak}}^{\text{ABM}} = (19.51 \pm 0.17\%) \cdot 10^3$ $R_{\infty}^{\text{ABM}} = (194.6 \pm 0.13\%) \cdot 10^3$ Becovered 30.0% 20.0% Infected 2.00% 2.00% ABM SEIR Fraction 1.00%10.0%ABM SEIR 0.00%0.0%200 200 Time |days| Time |

 $N_{\rm tot} = 580K, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 20.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.012, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 2K$

 $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{int.} = False, int. = [1, 4, 6], f_{dailytests} = 0.01, test_{delay} = [0, 0, 25], result_{delay} = [5, 10, 5], chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7.0$ v. = 2.1, hash = a1e4969692, #10 $I_{\text{peak}}^{\text{ABM}} = (336.9 \pm 0.17\%) \cdot 10^3$ $R_{\infty}^{\text{ABM}} = (1.95 \pm 0.75\%) \cdot 10^6$ 6.0%Beconered 30.0% 20.0% Infected ABM SEIR 4.0%Fraction I Fraction 10.0%ABM 0.0%0.0%100 100 Time |days| Time |days|

 $N_{\rm tot} = 5.8 M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 20.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.012, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 20 K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.5, \ N_{\rm contacts_{max}} = 0$