```
\lambda_E = 1.0, \ \lambda_I = 1.0, \ \text{rand.inf.} = \text{True}, \ \text{w.rand.inf.} = \text{True}, \ N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 50, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn}, \ N_{\text{vaccinations}} = 1000
                                                                 N_{\text{events}} = 0, \text{event}_{\text{size}_{\text{max}}} = 10, \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, \; tracking_{delay} = 10, \; \#2
                                                         I_{\text{peak}}^{\text{ABM}} = (13.8 \pm 1.4\%) \cdot 10^3
                                                                                                                                                                                R_{\infty}^{\text{ABM}} = (366.9 \pm 0.15\%) \cdot 10^3
                                                                                                                                Recovered %09
ABM
                                                                                               SEIR
                                                                                                                               Fraction
                                                                                                                                        20%
                                                                                                                                                                                                                        ABM
                                                                                                                                                                                                                        SEIR
          0.00\%
                                                                                                                                            0%
                                                        50
                                                                                   100
                                                                                                               150
                                                                                                                                                                                50
                                                                                                                                                                                                            100
                                                                                                                                                                                                                                         150
                                                     Time |days|
                                                                                                                                                                              Time |days|
```

 $N_{\rm tot} = 580K, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 20.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 4K$

```
N_{\rm tot} = 580K, \rho = 0.1, \epsilon_{\rho} = 0.04, \mu = 20.0, \sigma_{\mu} = 0.0, \beta = 0.01, \sigma_{\beta} = 0.0, N_{\rm init} = 4K
         \lambda_E = 1.0, \ \lambda_I = 1.0, \ \text{rand.inf.} = \text{True}, \ \text{w.rand.inf.} = \text{True}, \ N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 50, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn}, \ N_{\text{vaccinations}} = 0, \ N_{\text{vaccinations}} = 0, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn}, \ N_{\text{vaccinations}} = 0, \ N_{\text{vaccinations}} = 0, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{contacts}_{\text
                                                                                                                                                                                                 N_{\text{events}} = 0, event<sub>size_max</sub> = 10, event<sub>size_mean</sub> = 5.0, event<sub>\beta_{scaling}</sub> = 5.0, event<sub>weekend_multiplier</sub> = 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, \; tracking_{delay} = 10, \; \#2
                                                                                                                                                                            I_{\rm peak}^{\rm ABM} = (20.8 \pm 3.6\%) \cdot 10^3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               R_{\infty}^{\text{ABM}} = (316 \pm 0.66\%) \cdot 10^3
Fraction Infected 3.00% 2.00% 1.00% 1.00%
                                                                                                                                                                                                                                                                                                                                                                                                Lecovere
                                                                                                                                                                                                                                                                                             ABM
                                                                                                                                                                                                                                                                                           SEIR
                                                                                                                                                                                                                                                                                                                                                                                                                       40\%
                                                                                                                                                                                                                                                                                                                                                                                           Fraction
                                                                                                                                                                                                                                                                                                                                                                                                                     20%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEIR
                                 0.00%
                                                                                                                                                                      50
                                                                                                                                                                                                                                                       100
                                                                                                                                                                                                                                                                                                                                           150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   150
                                                                                                                                                               Time |days|
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Time |days|
```