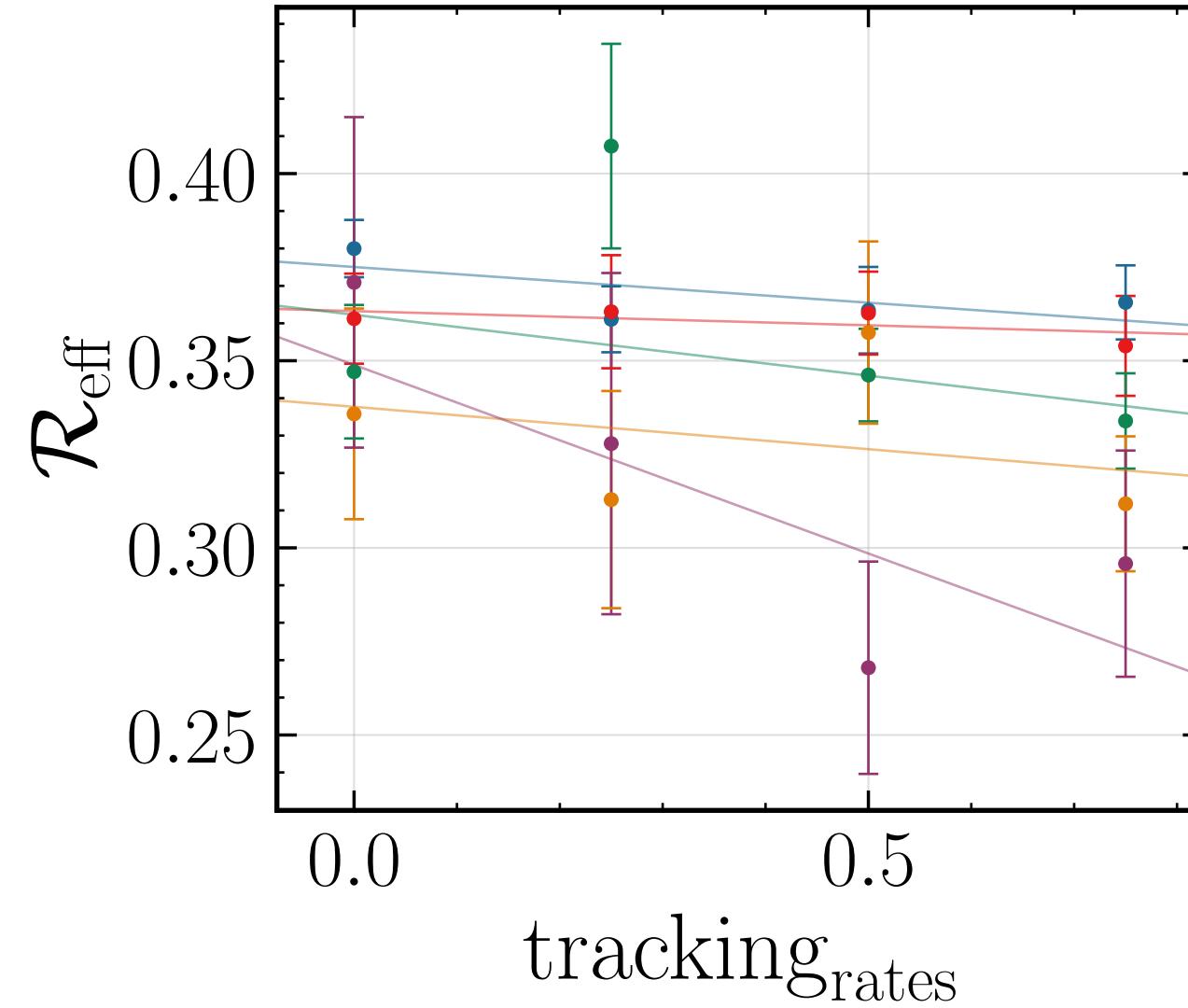
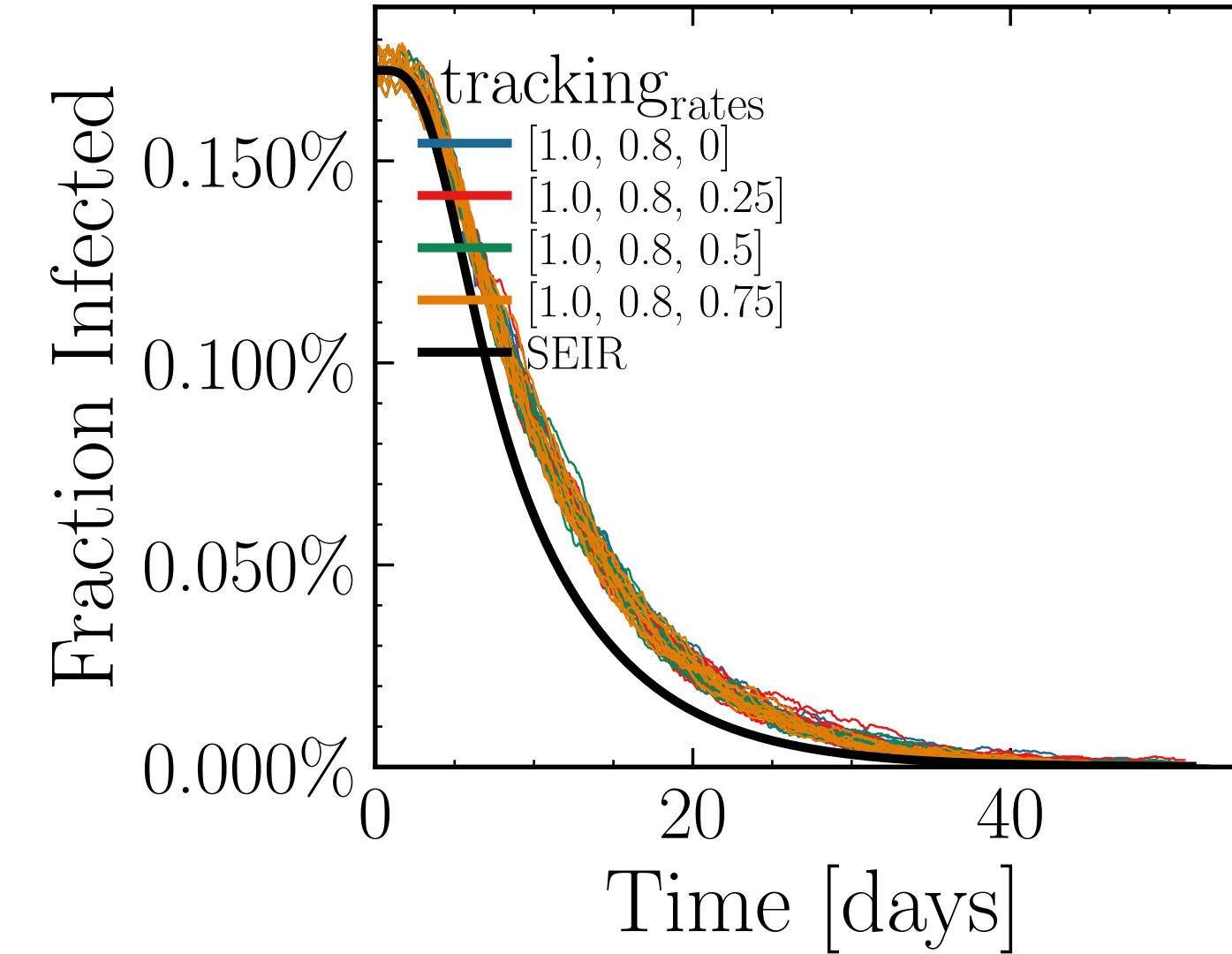
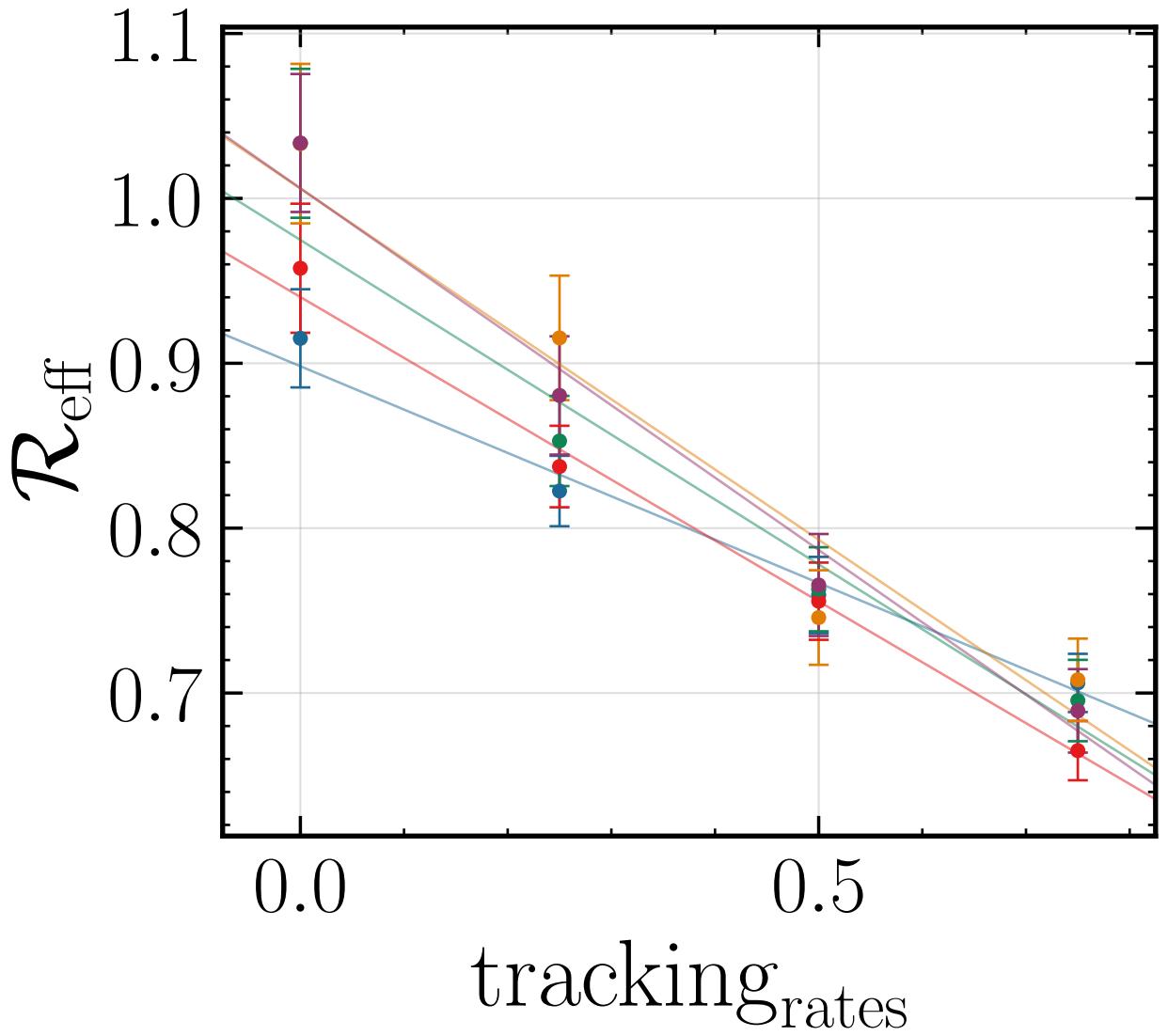
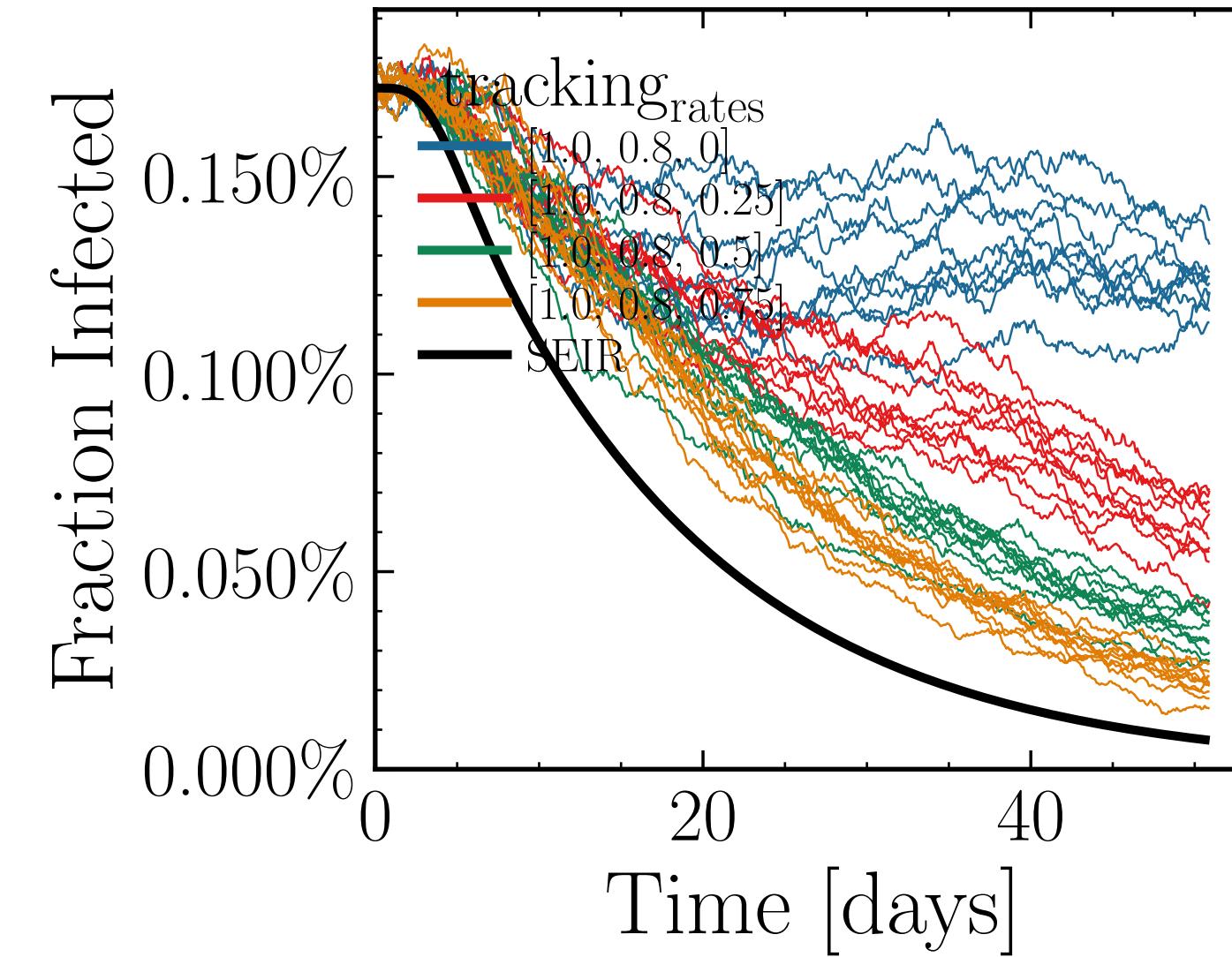


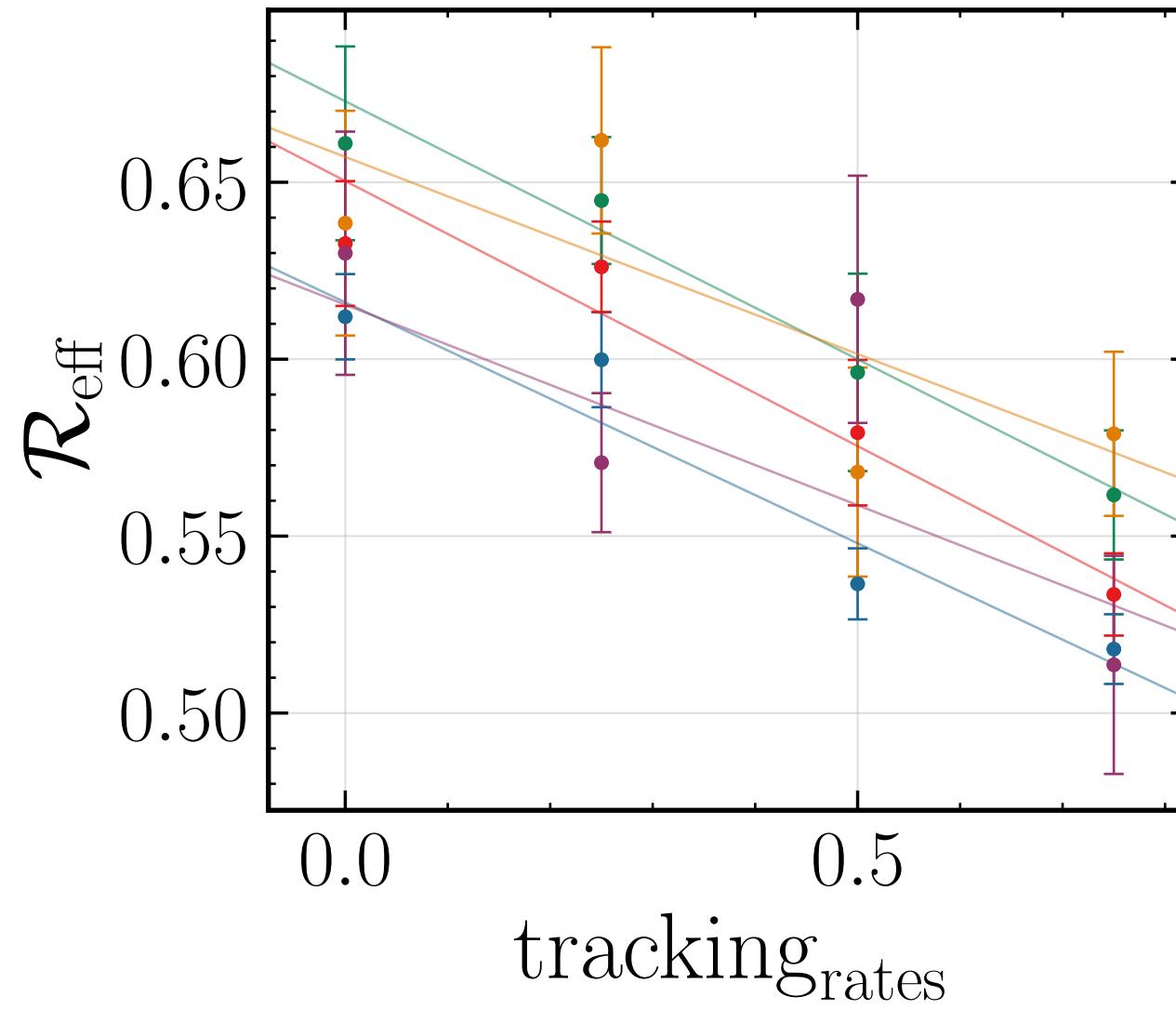
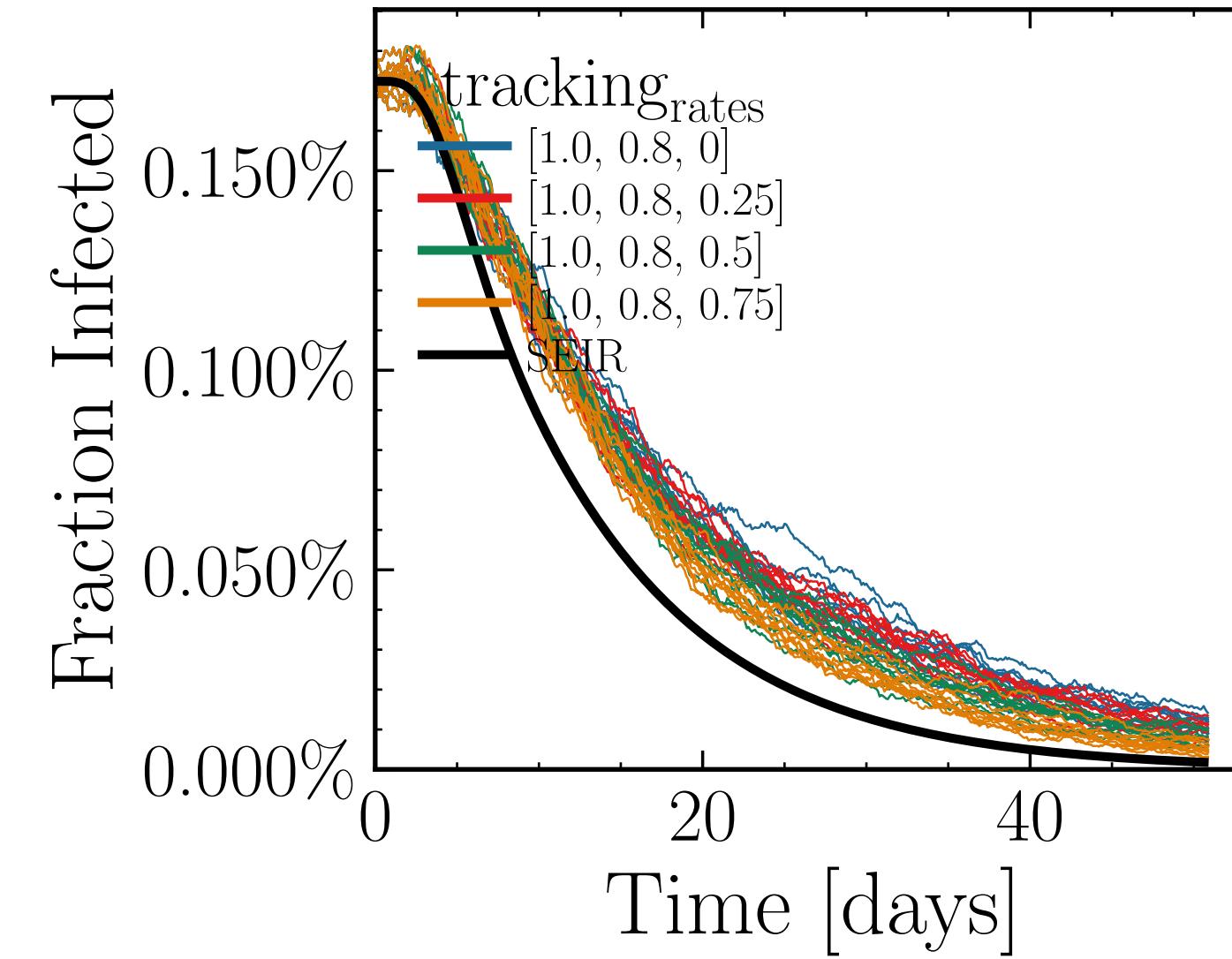
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.2022$, $\sigma_\mu = 0.0$, $\beta = 0.0084$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.733$, $N_{\text{contacts max}} = 0$
 $N_{\text{events}} = 1.54K$, event_size_max = 10, event_size_mean = 3.1743, event_beta_scaling = 5.0, event_weekend_multiplier = 2.0
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



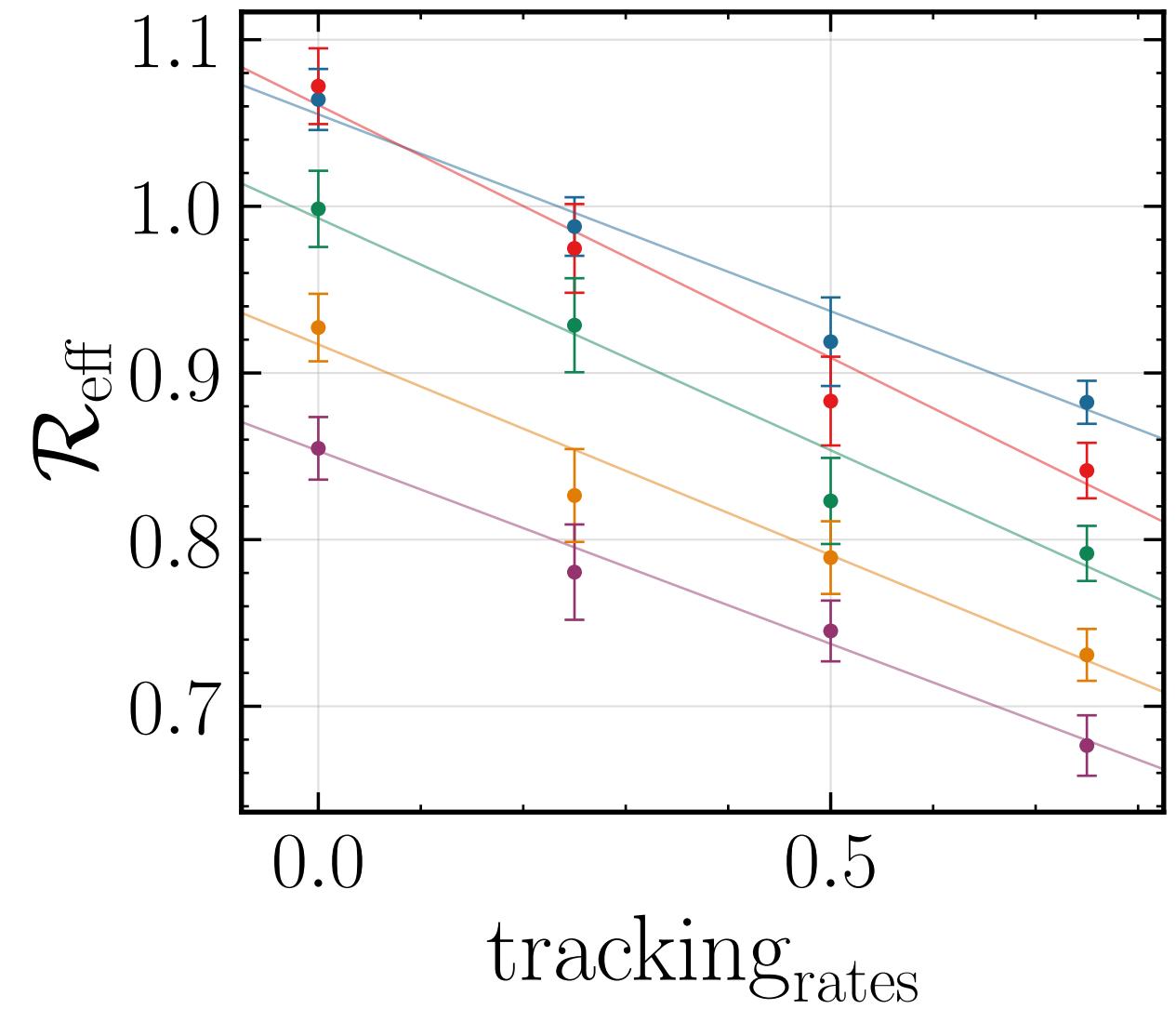
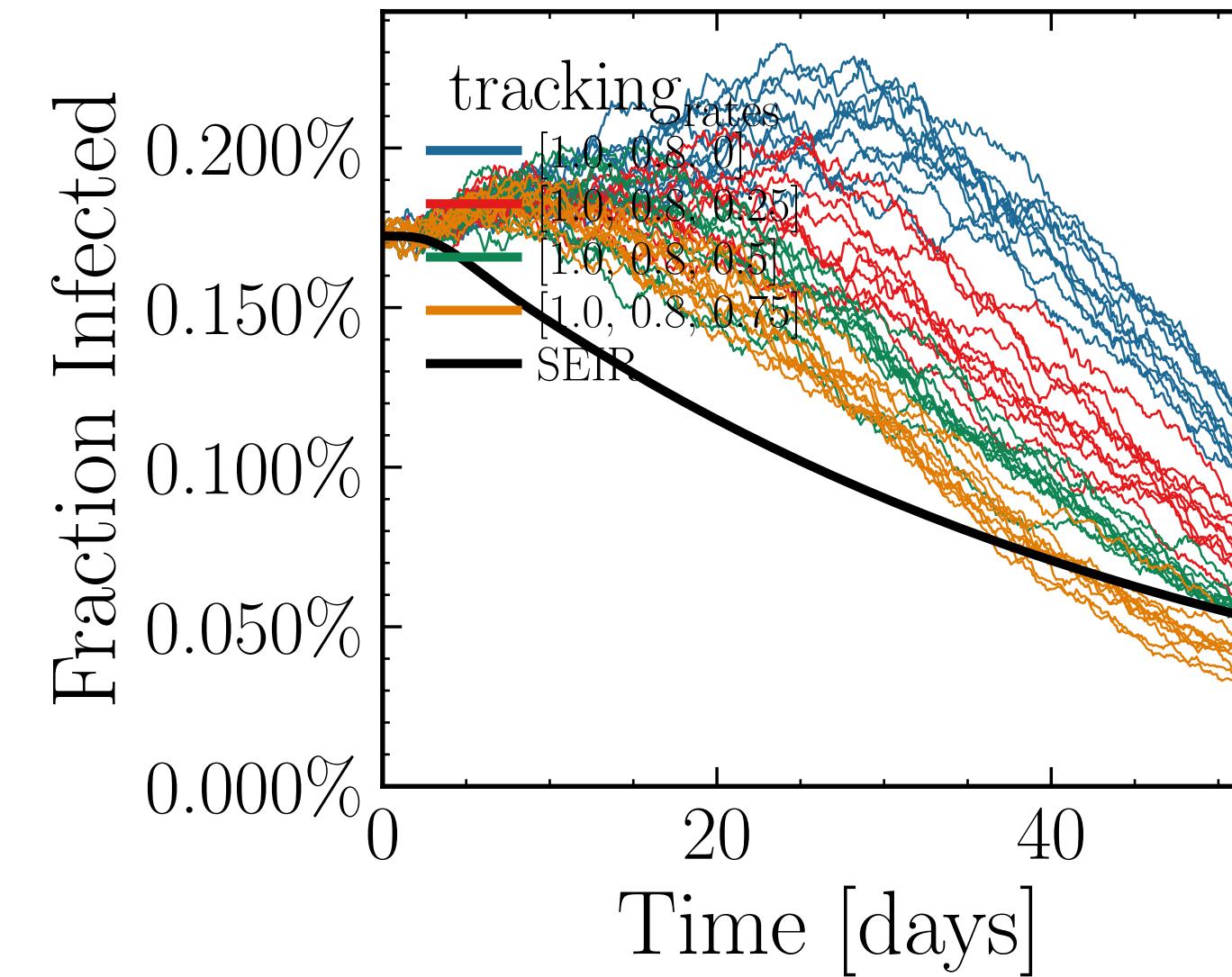
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.7998$, $\sigma_\mu = 0.0$, $\beta = 0.0109$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5571$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.36K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.6243$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, testdelay = [0, 0, 25], resultdelay = [10, 10, 10]
chancefind.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], dayslook.back = 7, tracking_delay = 10



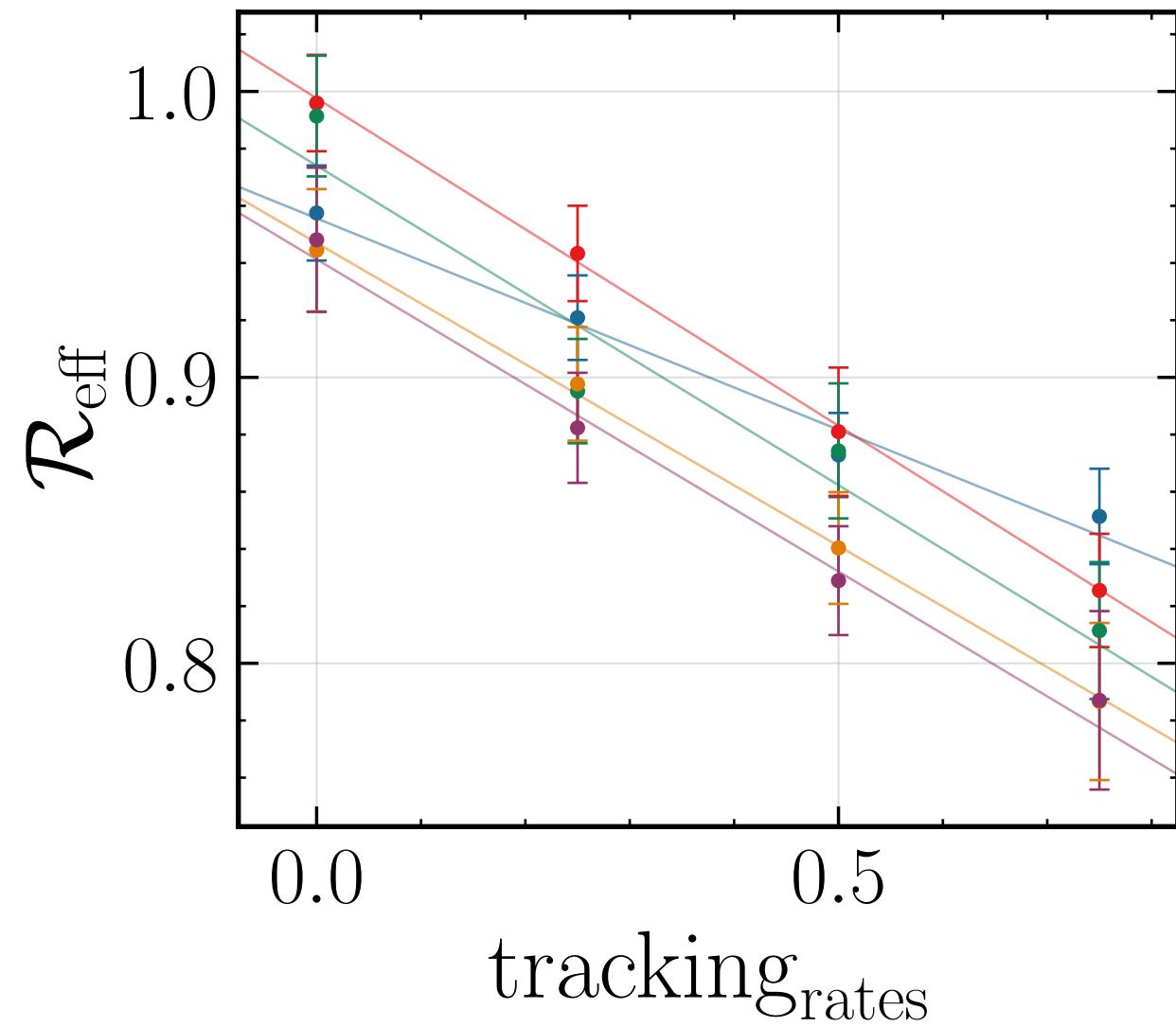
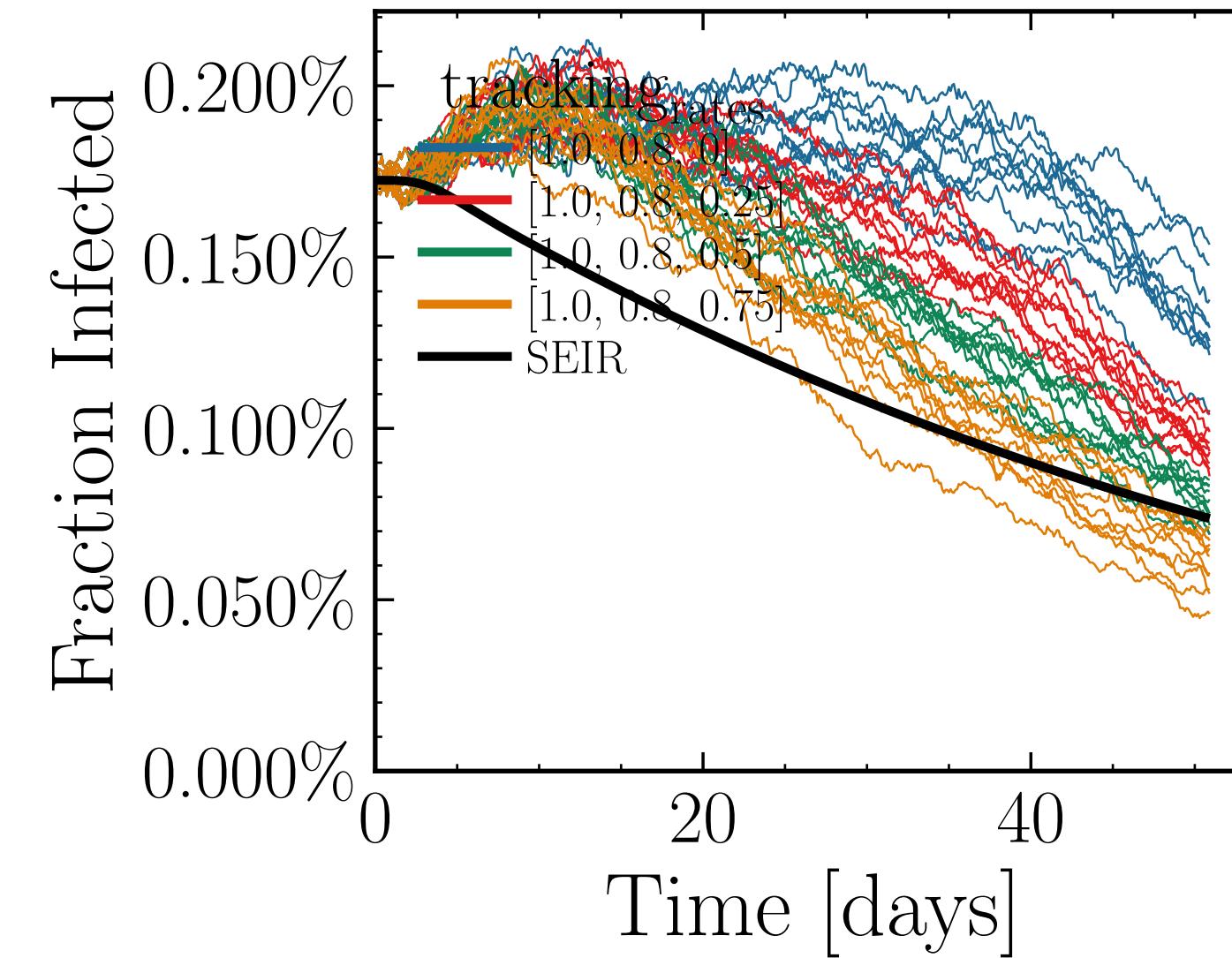
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.7361$, $\sigma_\mu = 0.0$, $\beta = 0.0088$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7204$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.05K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.7402$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



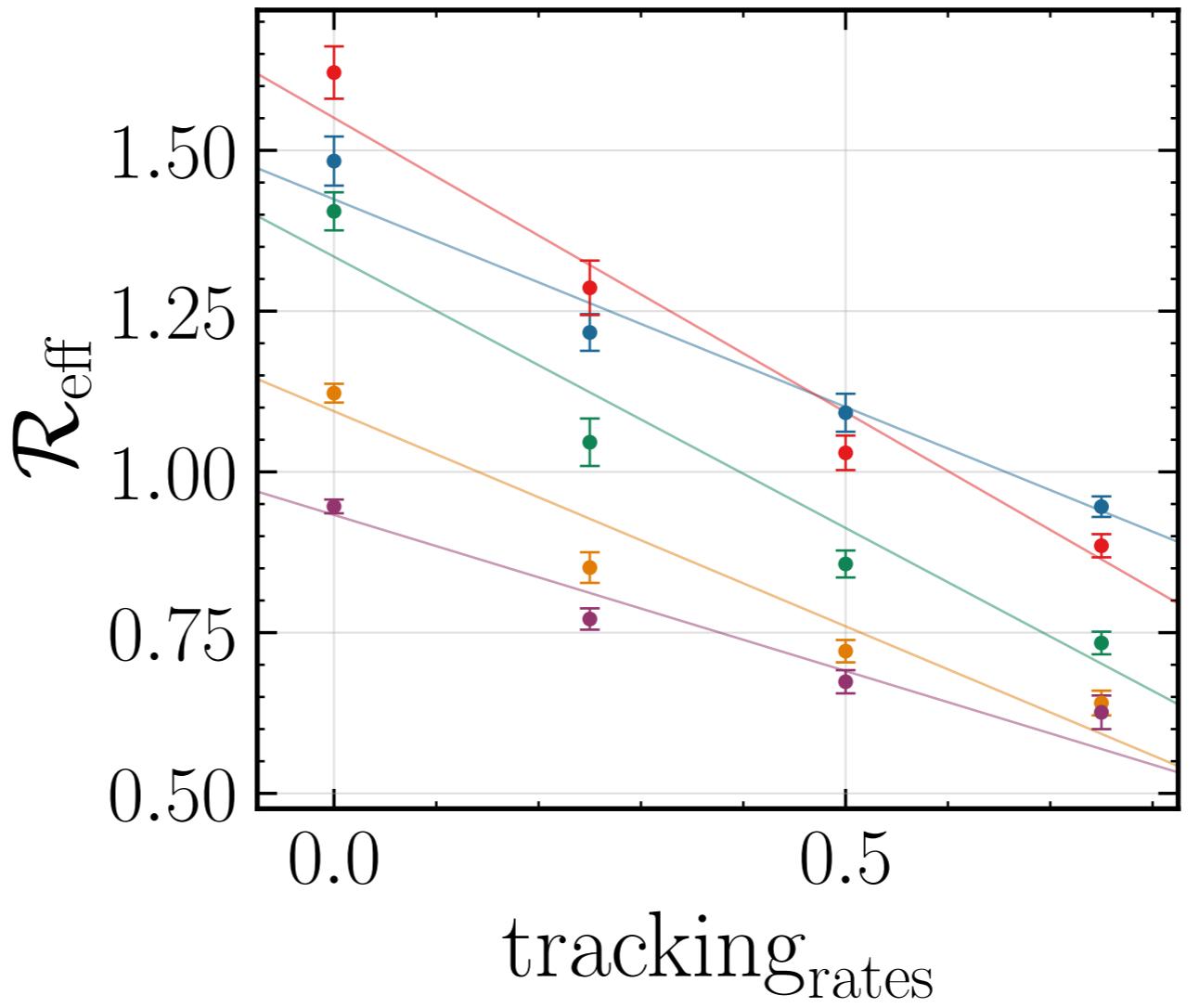
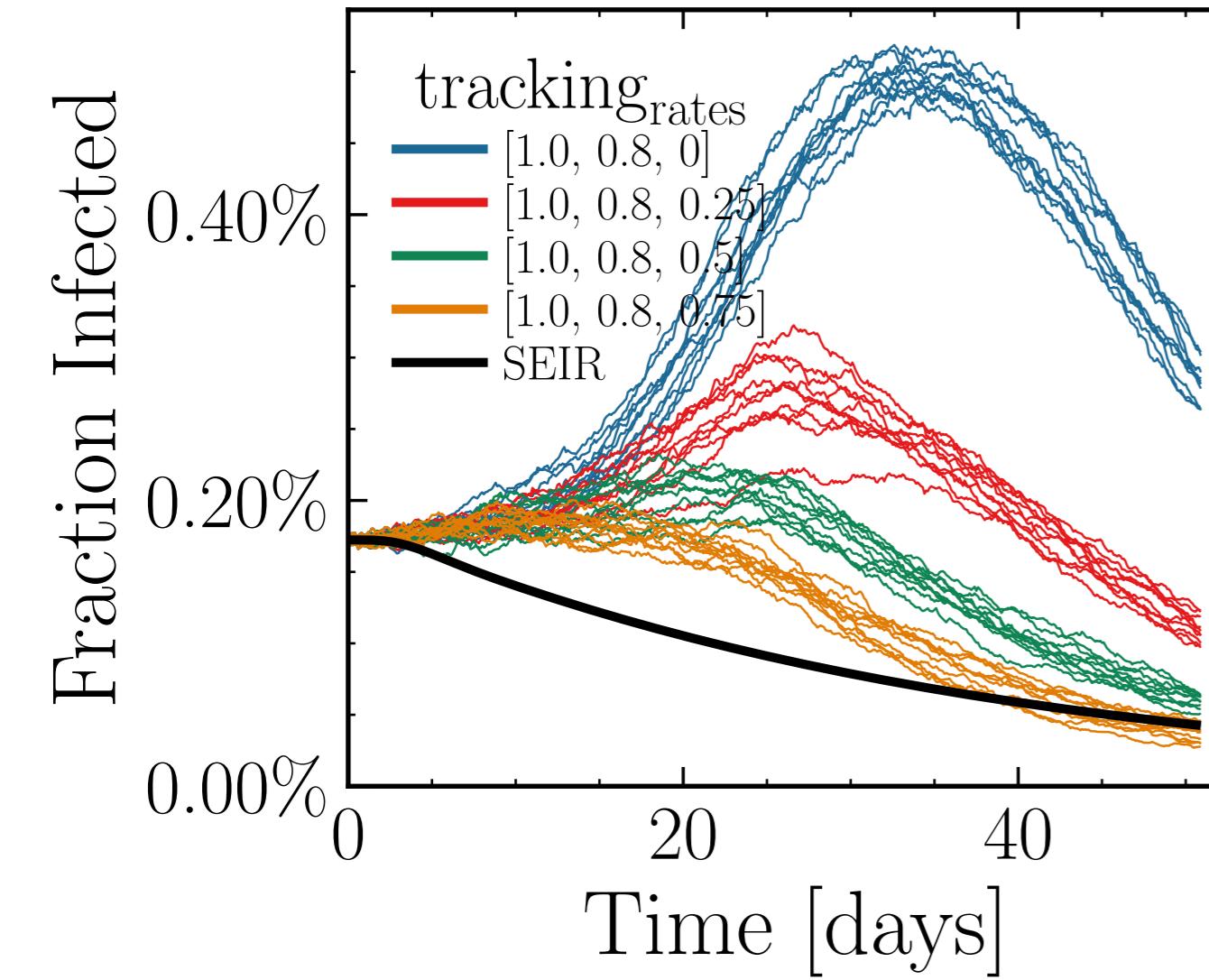
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 18.5795$, $\sigma_\mu = 0.0$, $\beta = 0.0116$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7389$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.73K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.6885$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 18.9177$, $\sigma_\mu = 0.0$, $\beta = 0.0119$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7855$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.8K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.8752, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10

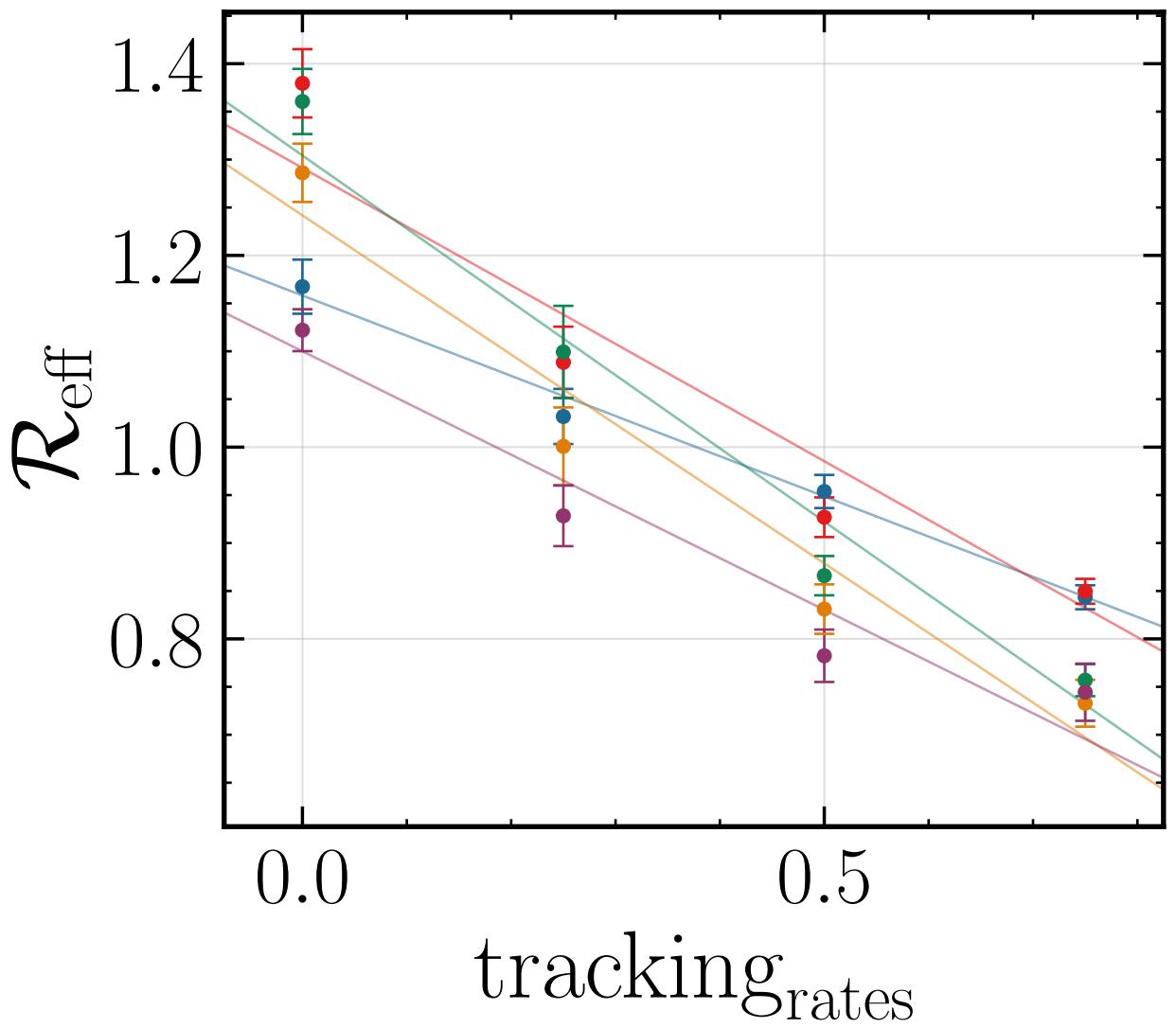
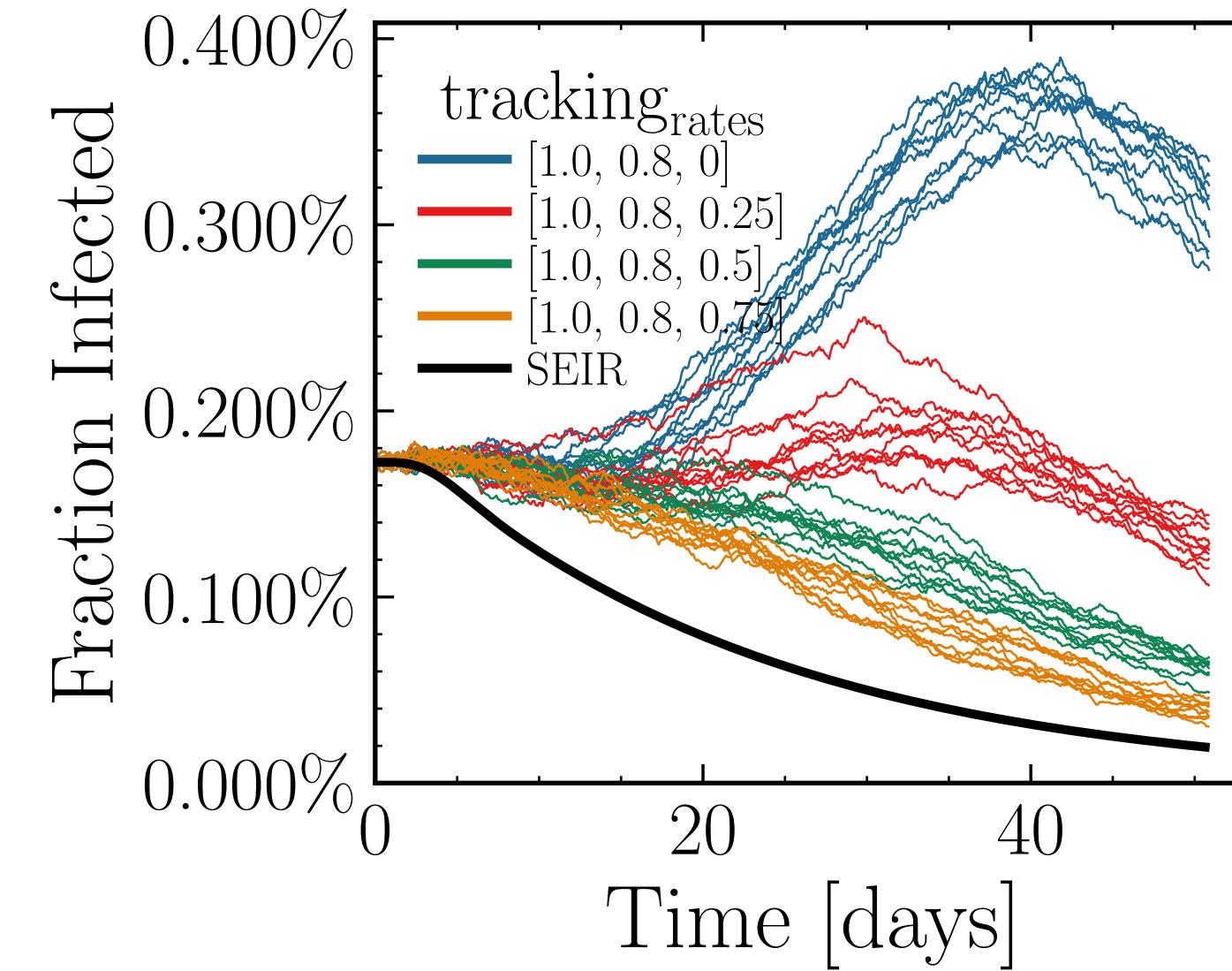


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.3992$, $\sigma_\mu = 0.0$, $\beta = 0.0127$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4573$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 1.8K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.2365, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10

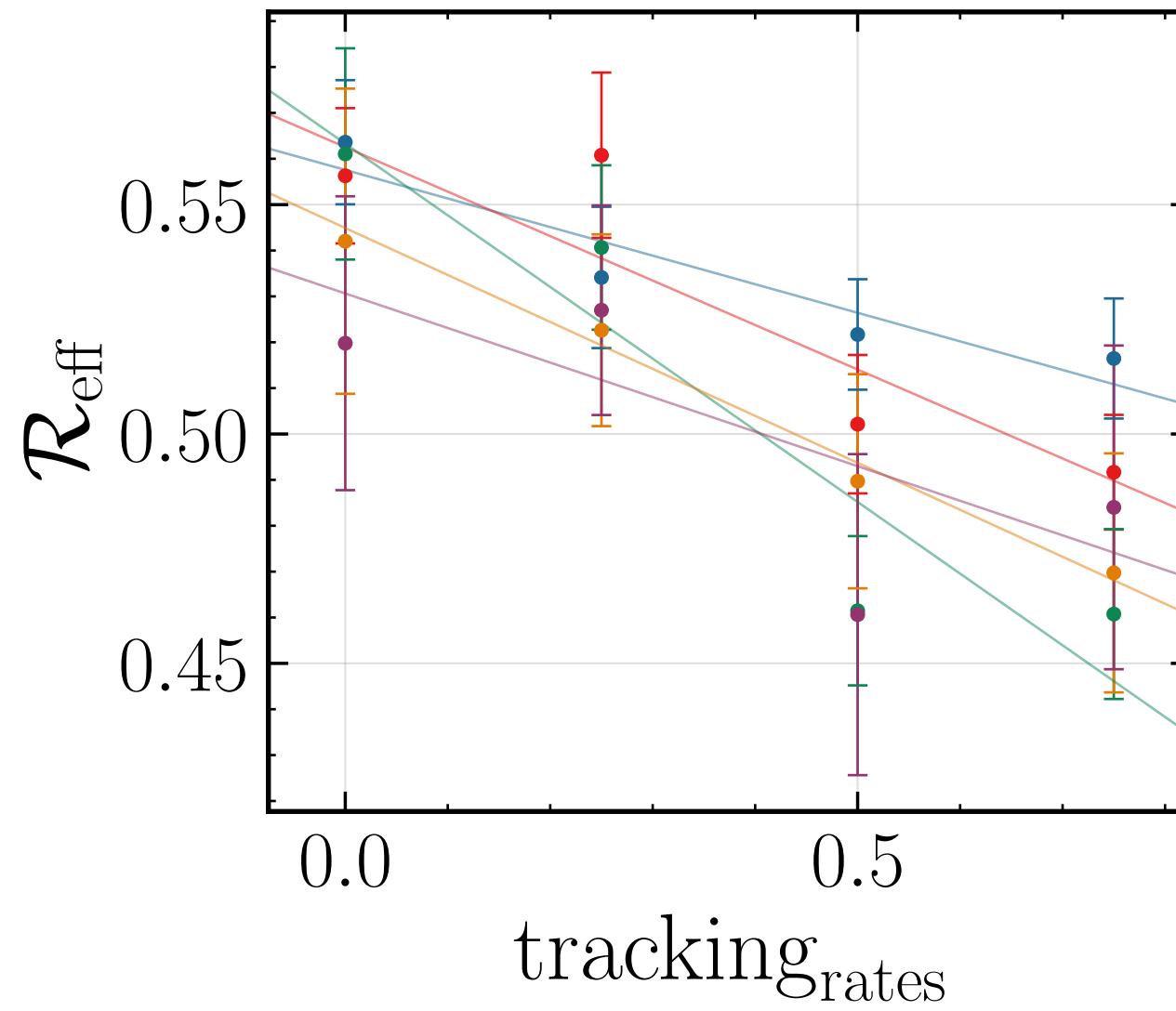
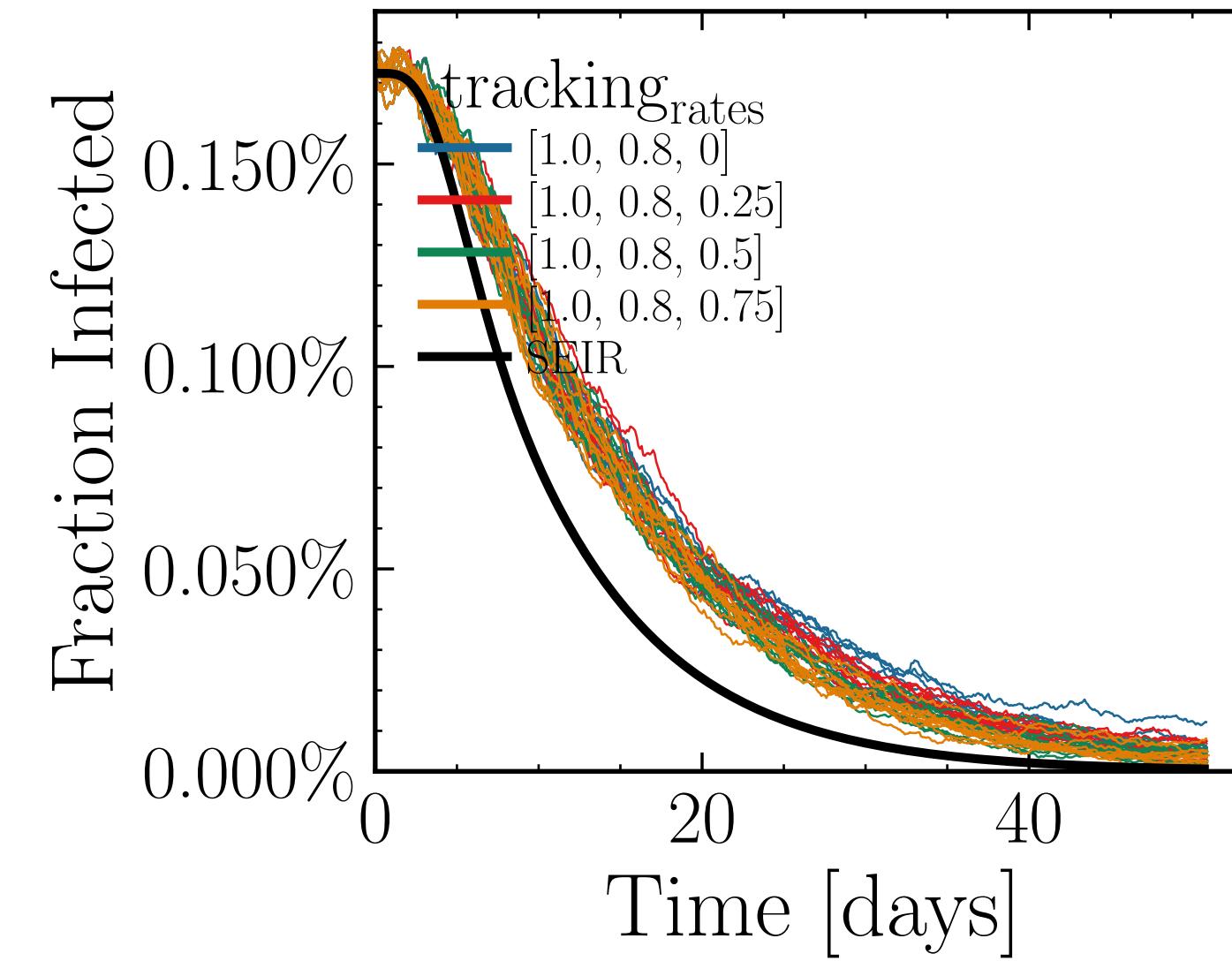


- Day: 20, $a = -0.65 \pm 0.05$
- Day: 25, $a = -0.92 \pm 0.05$
- Day: 30, $a = -0.84 \pm 0.04$
- Day: 35, $a = -0.67 \pm 0.03$
- Day: 40, $a = -0.49 \pm 0.03$

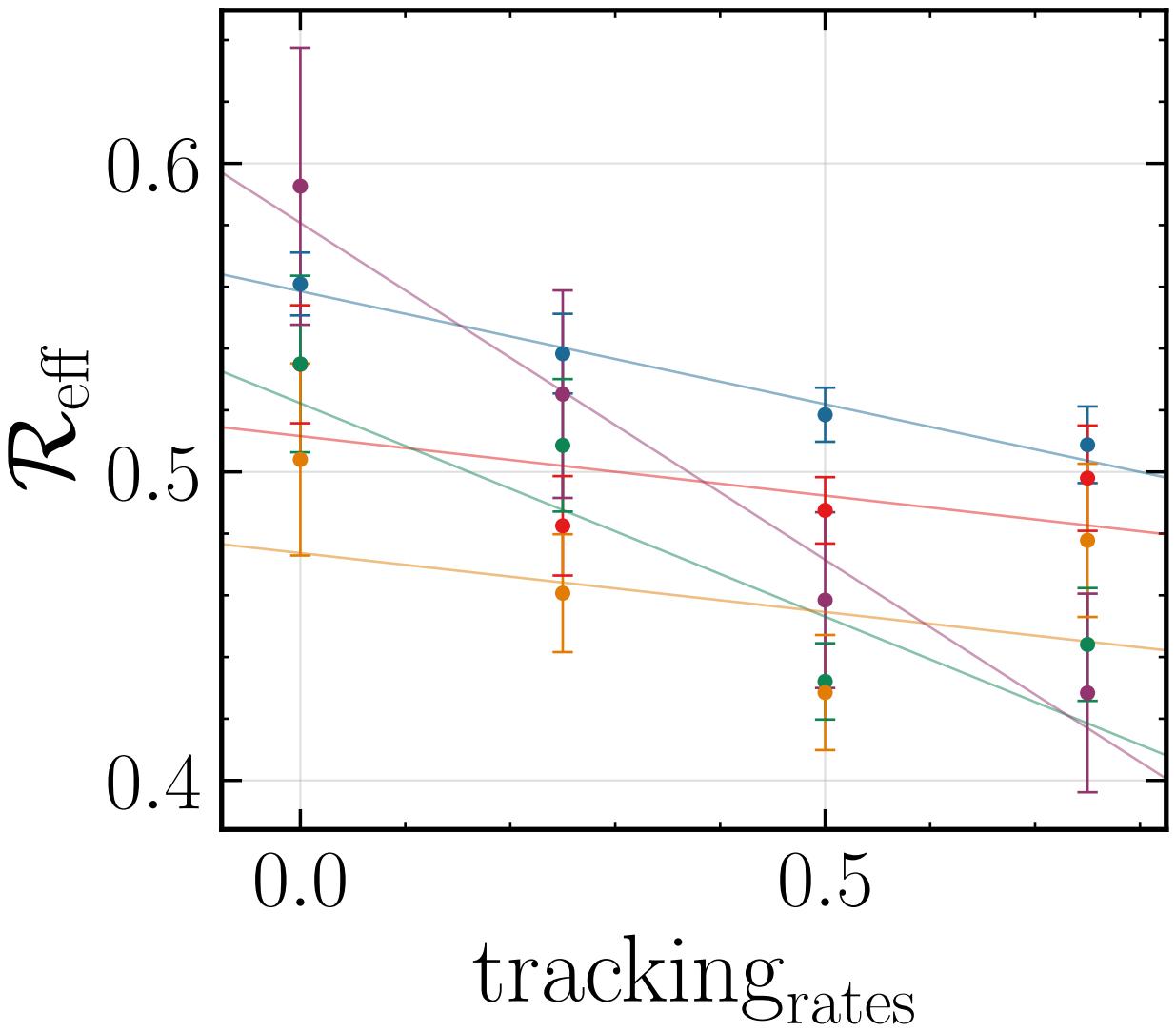
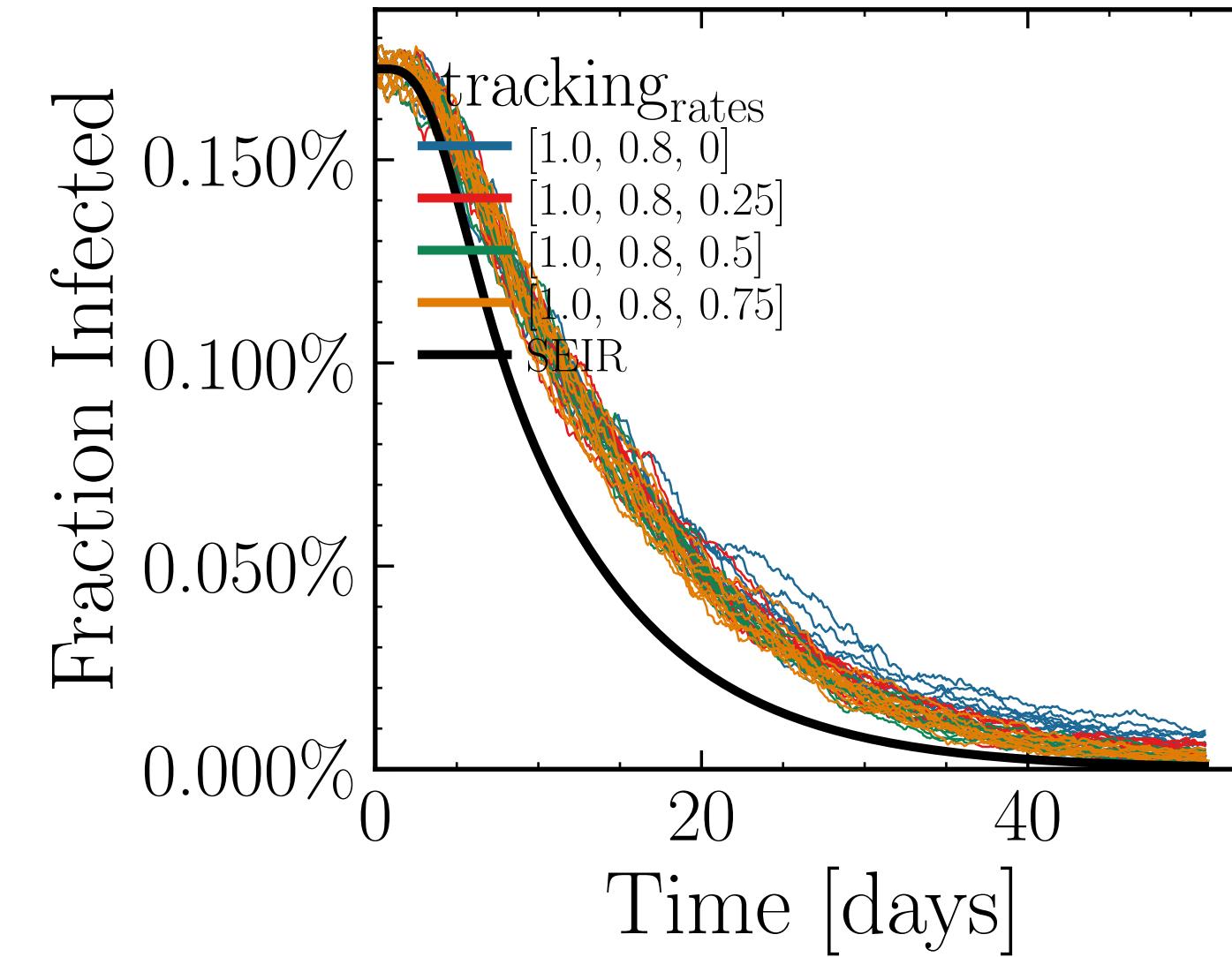
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.736$, $\sigma_\mu = 0.0$, $\beta = 0.0126$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4745$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.64K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.2118$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



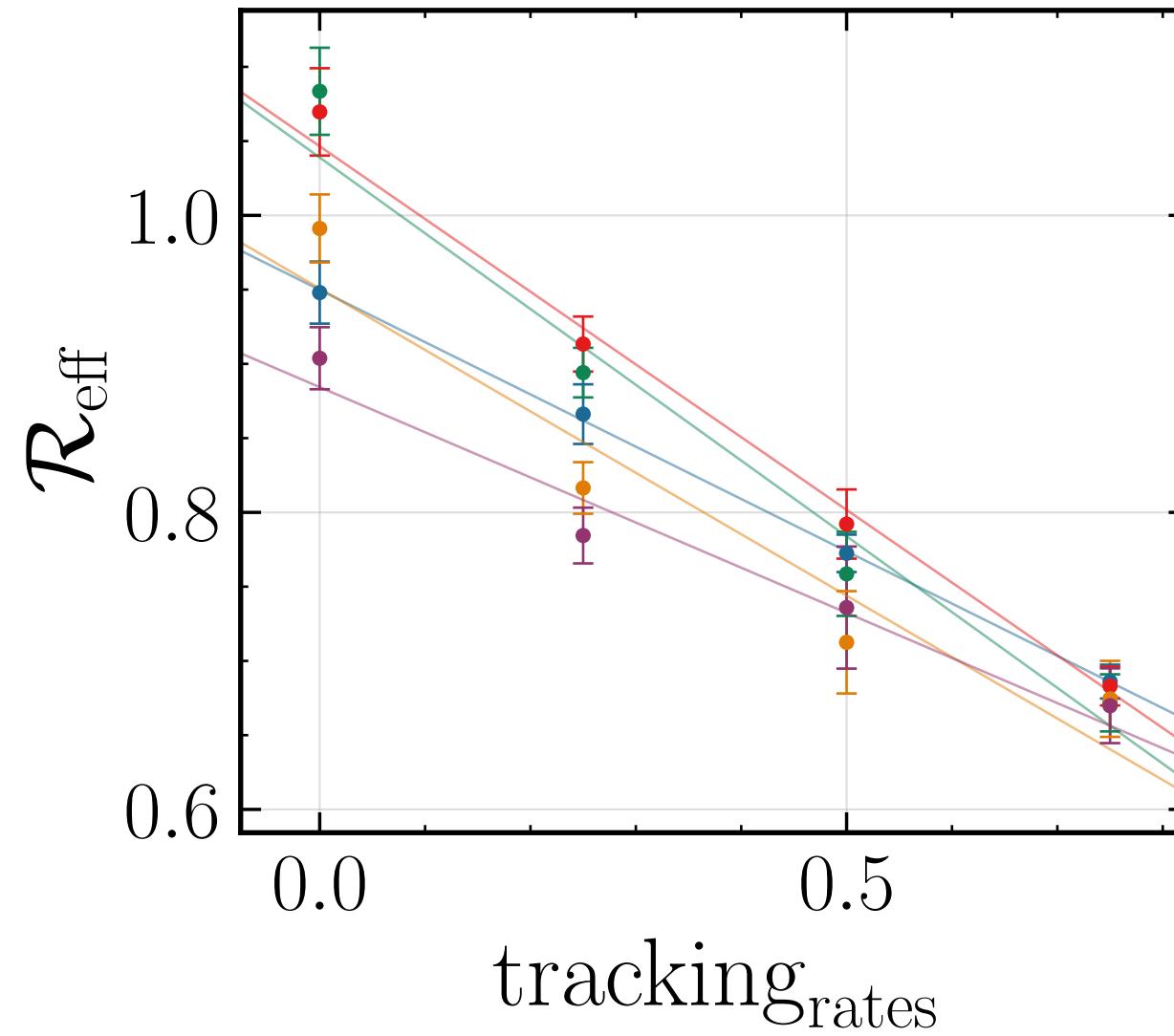
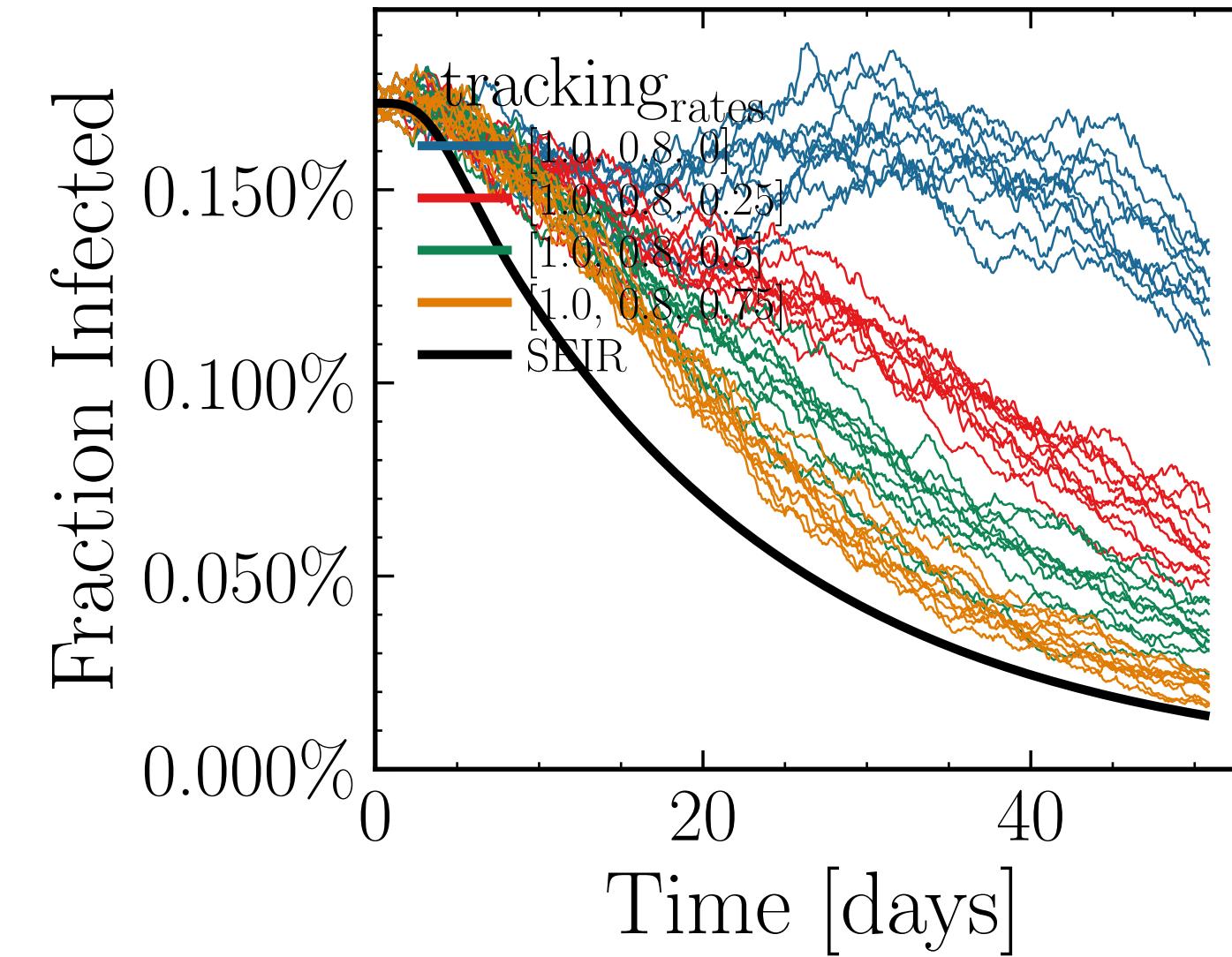
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.1879$, $\sigma_\mu = 0.0$, $\beta = 0.0107$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6471$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.93K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.1369$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



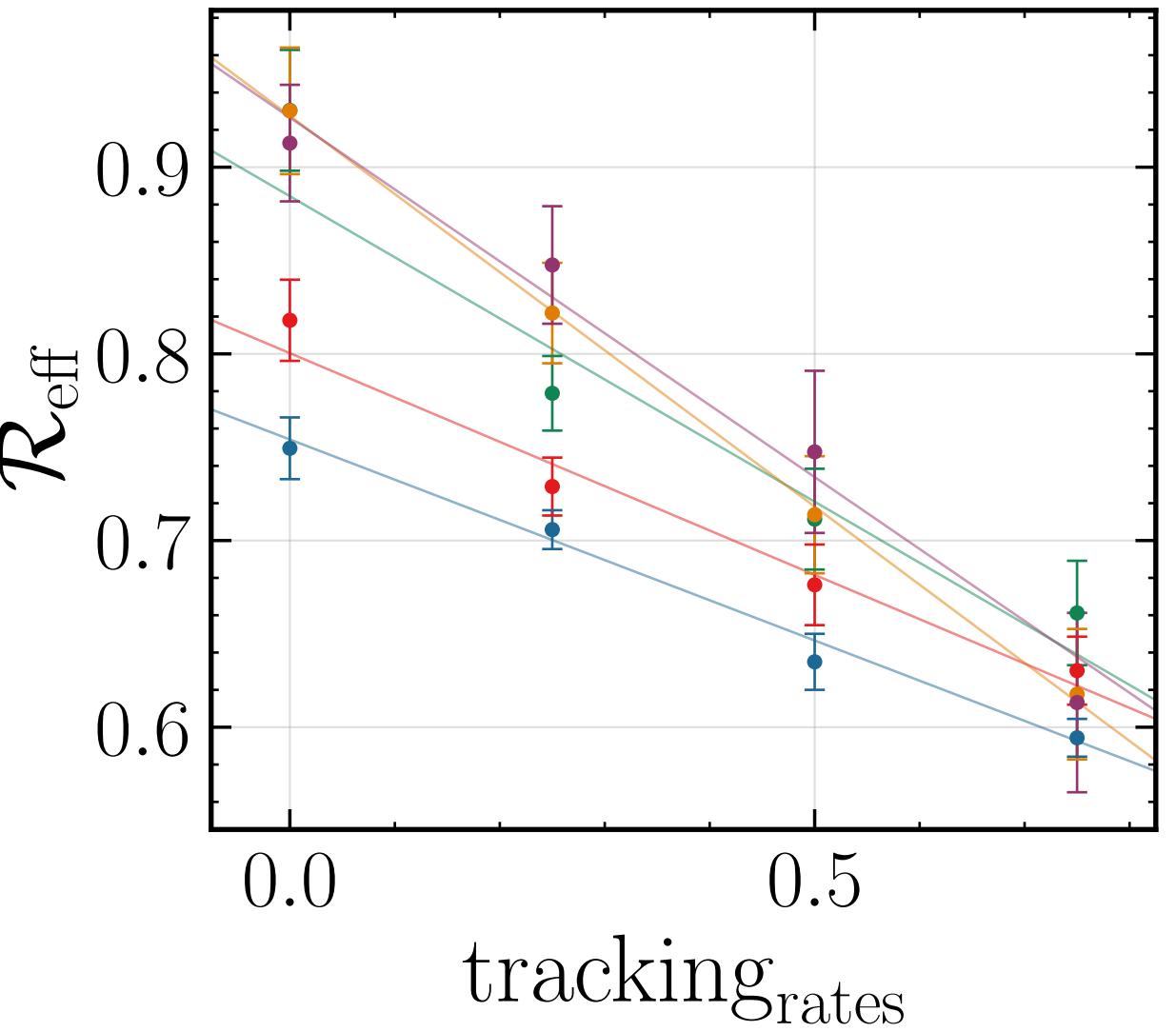
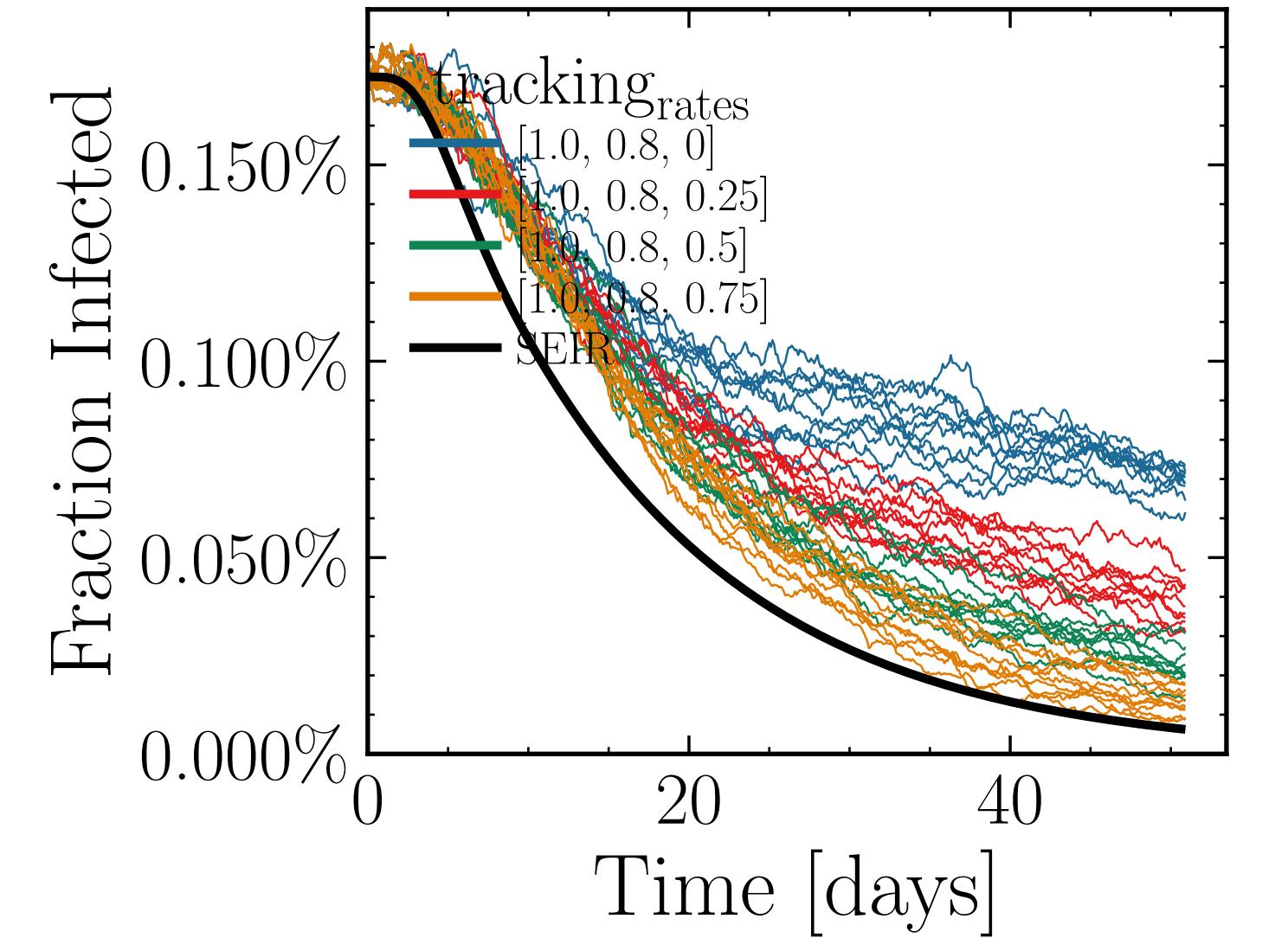
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.6023$, $\sigma_\mu = 0.0$, $\beta = 0.0106$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6667$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.59K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.3953$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



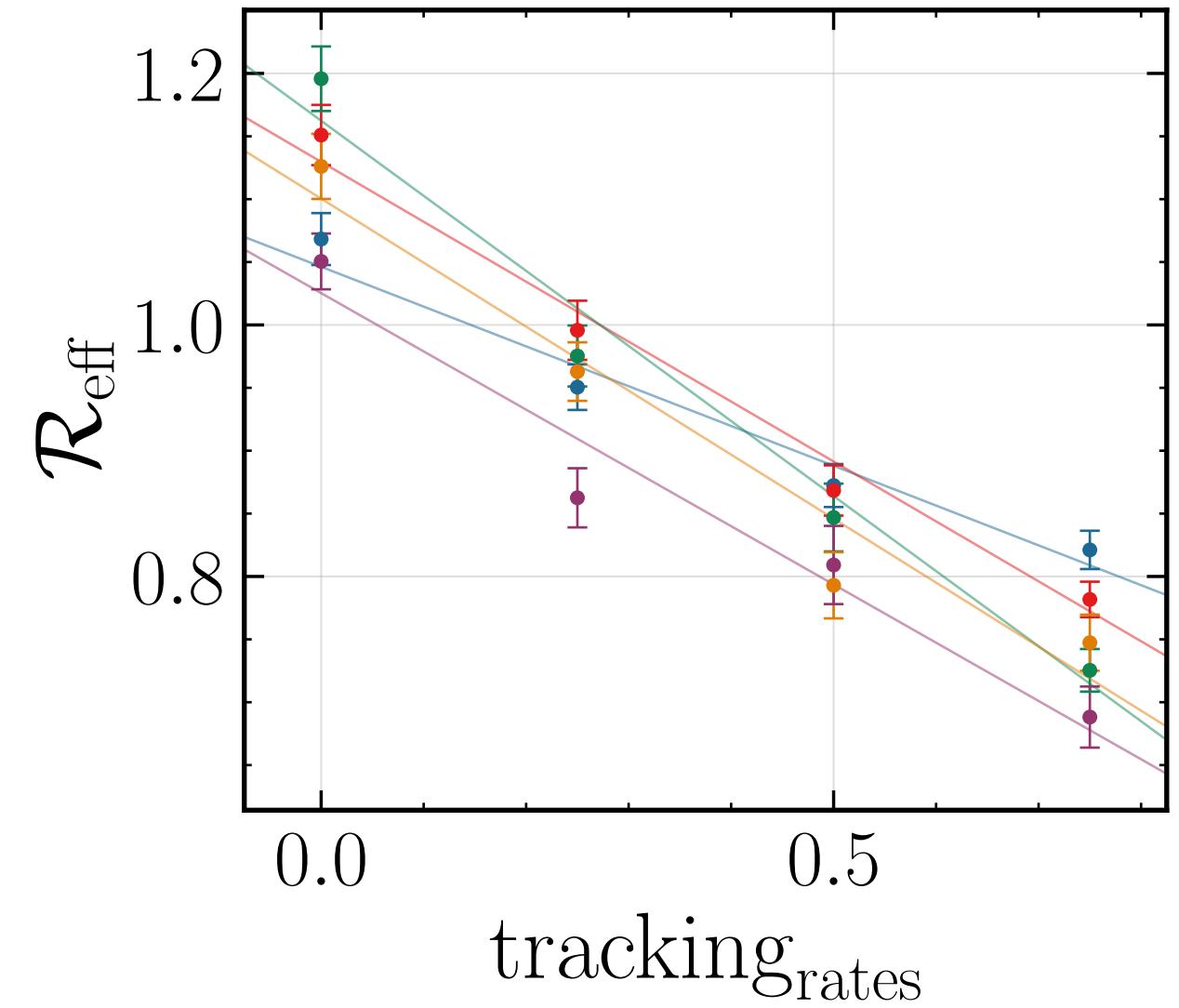
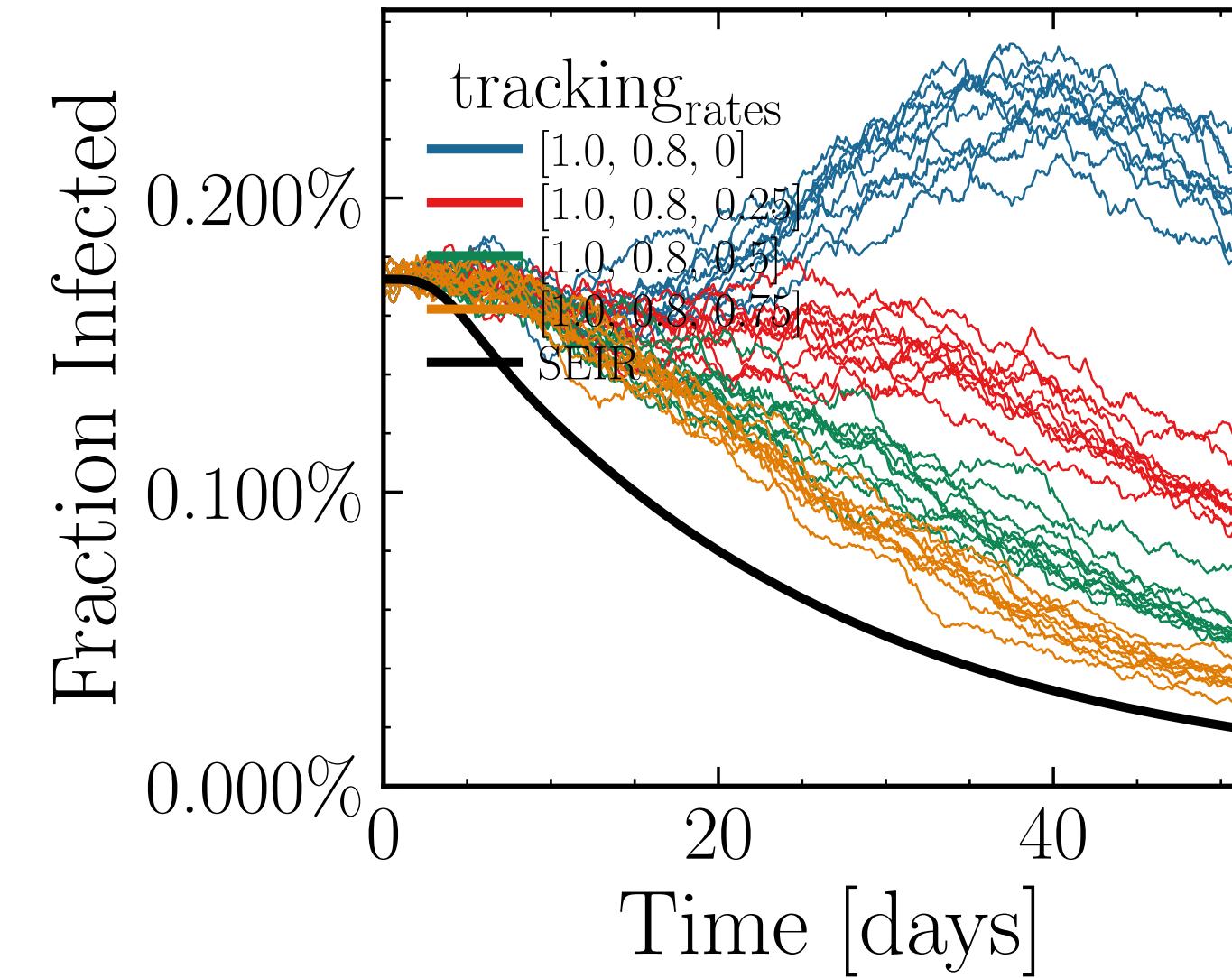
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.026$, $\sigma_\mu = 0.0$, $\beta = 0.0093$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.58$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 4.62K$, $\text{event}_{\text{size}_{\text{max}}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.773$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



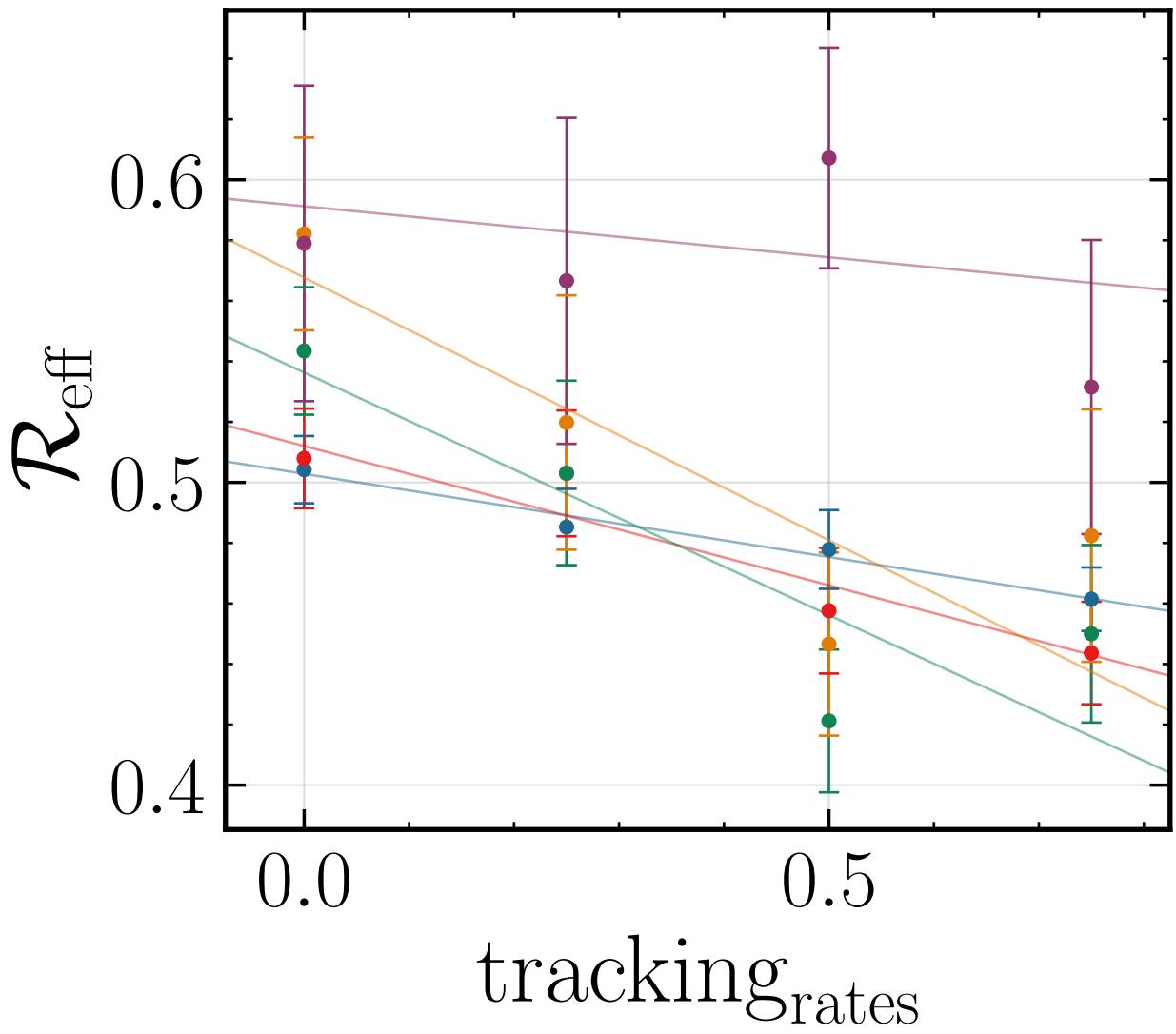
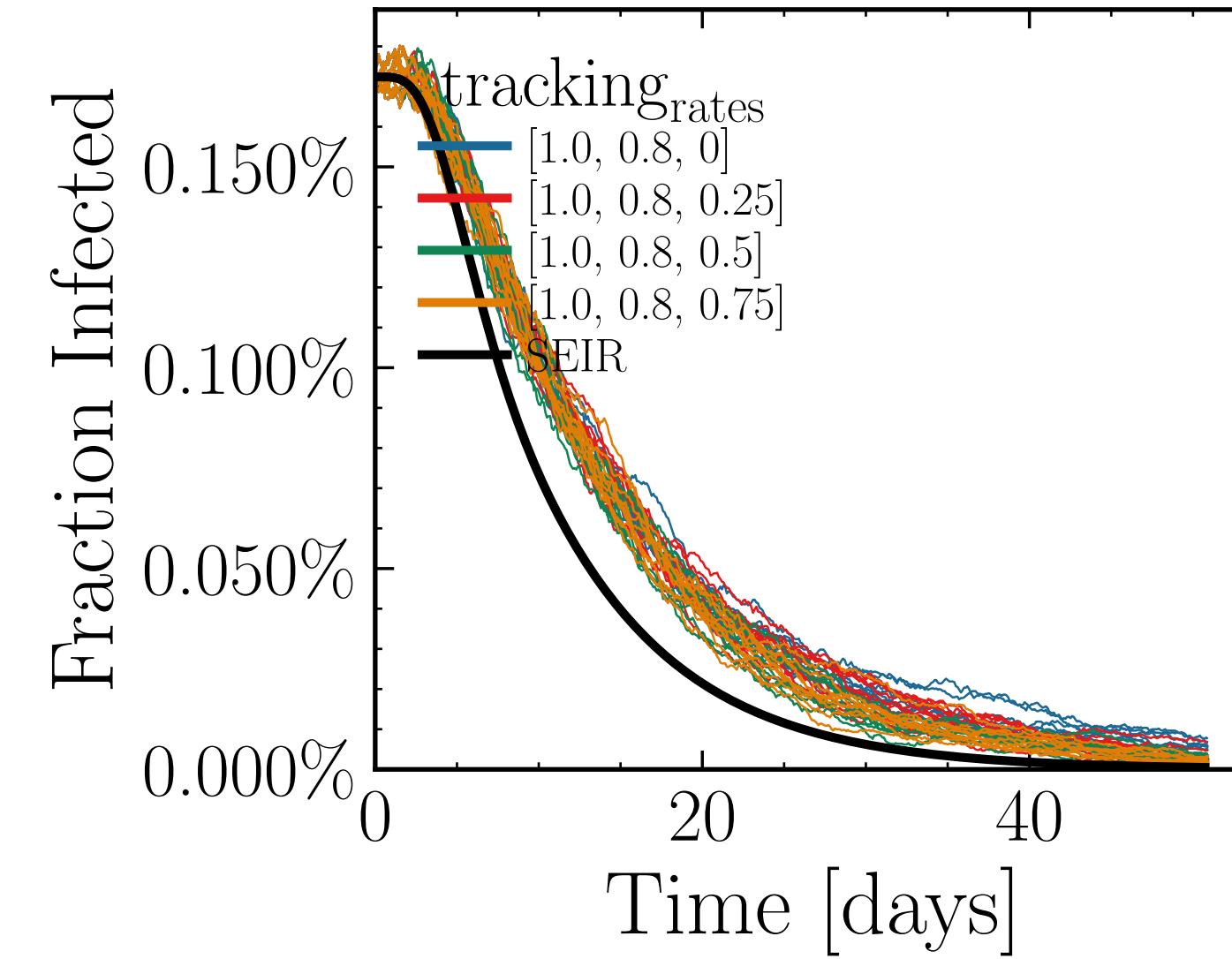
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.5069$, $\sigma_\mu = 0.0$, $\beta = 0.009$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6431$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.19K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.7163$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



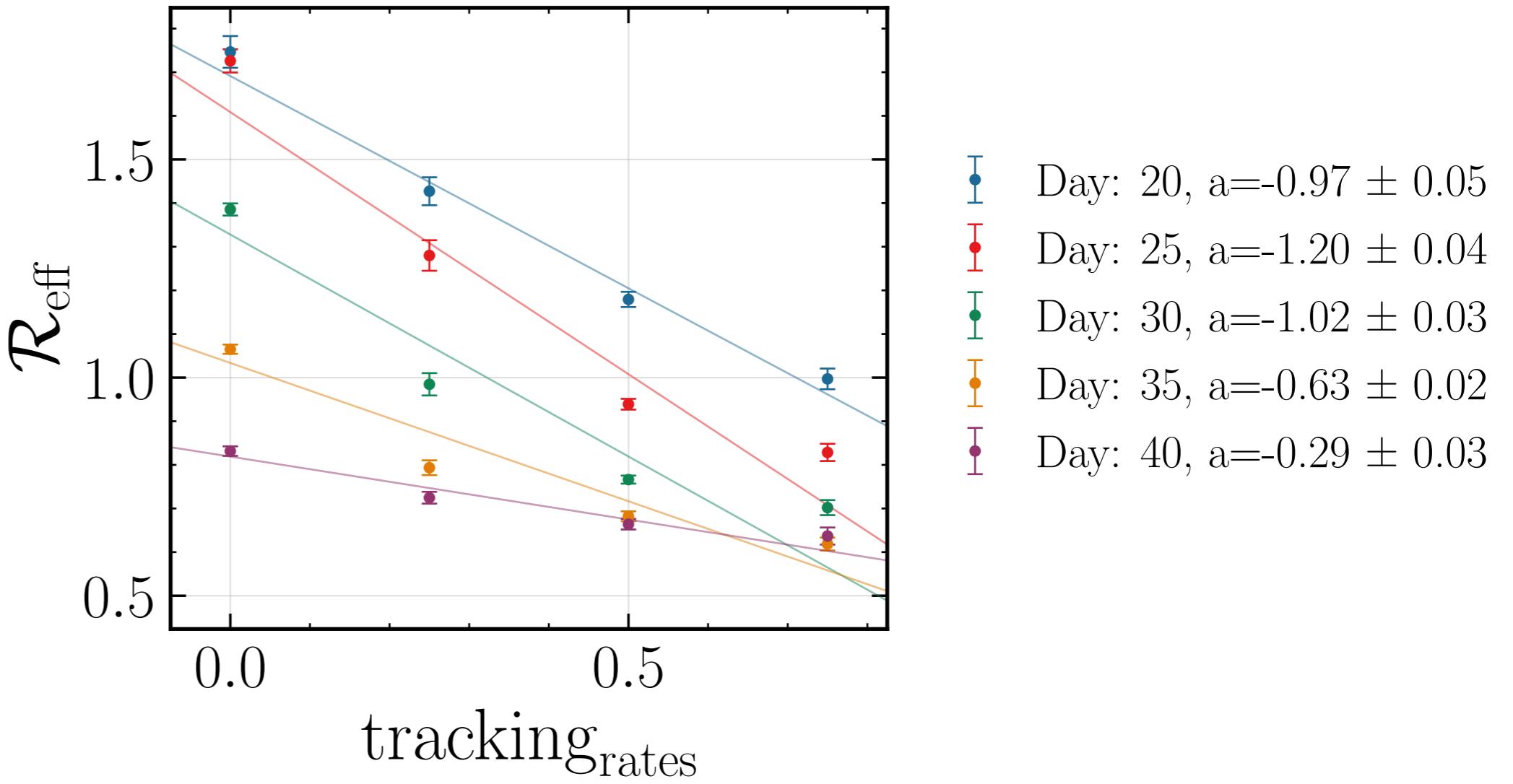
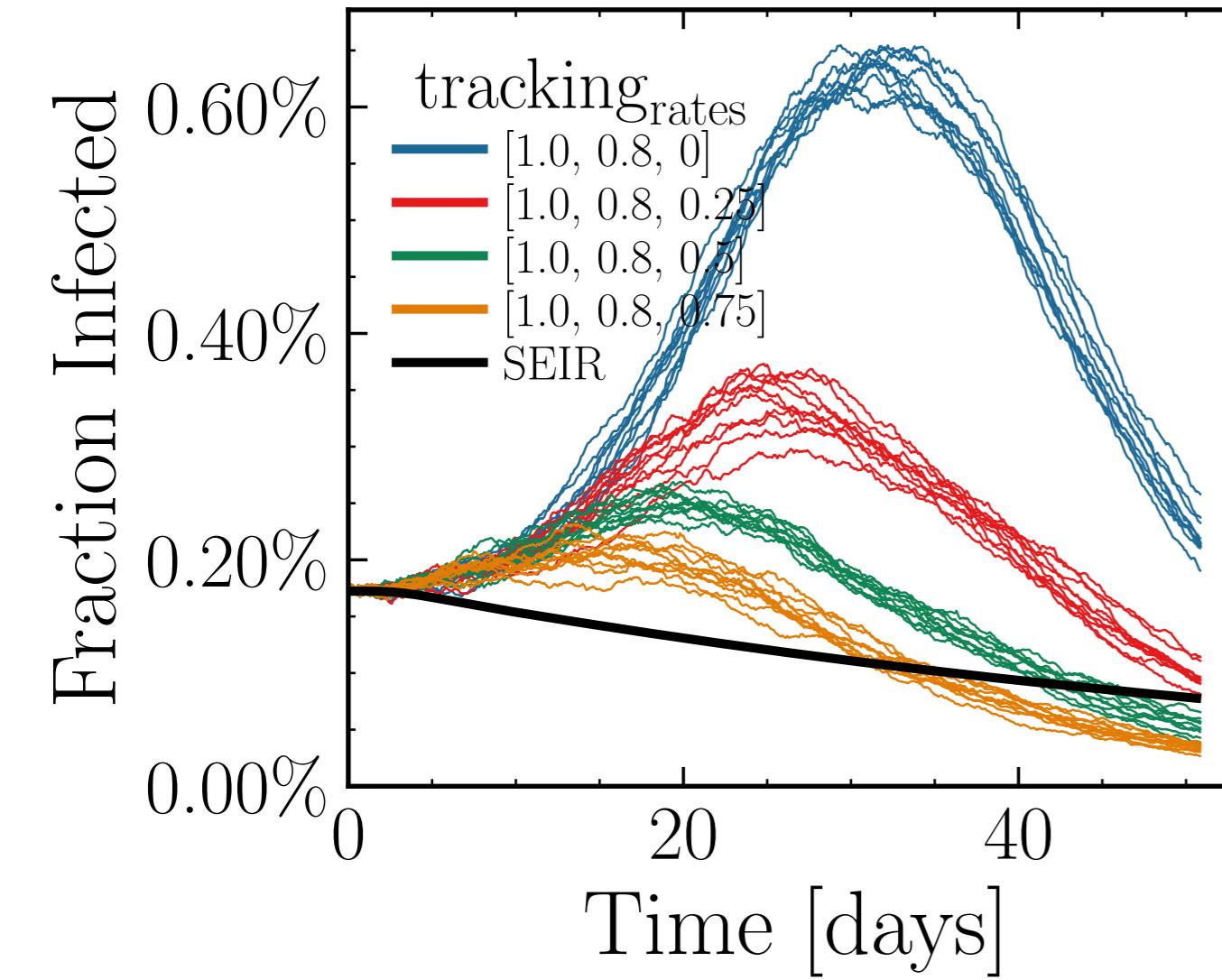
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.8185$, $\sigma_\mu = 0.0$, $\beta = 0.0118$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5657$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.64K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.9906$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



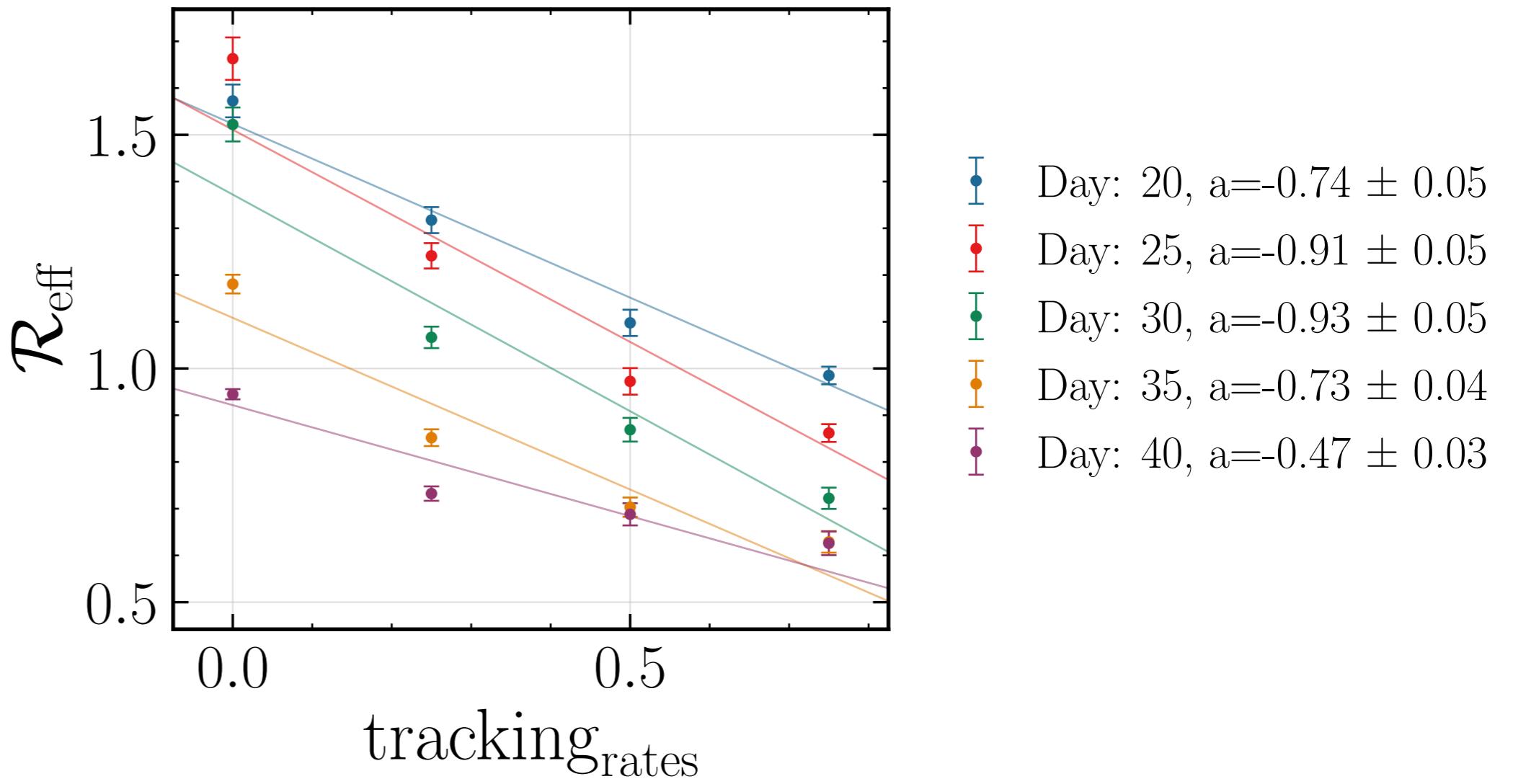
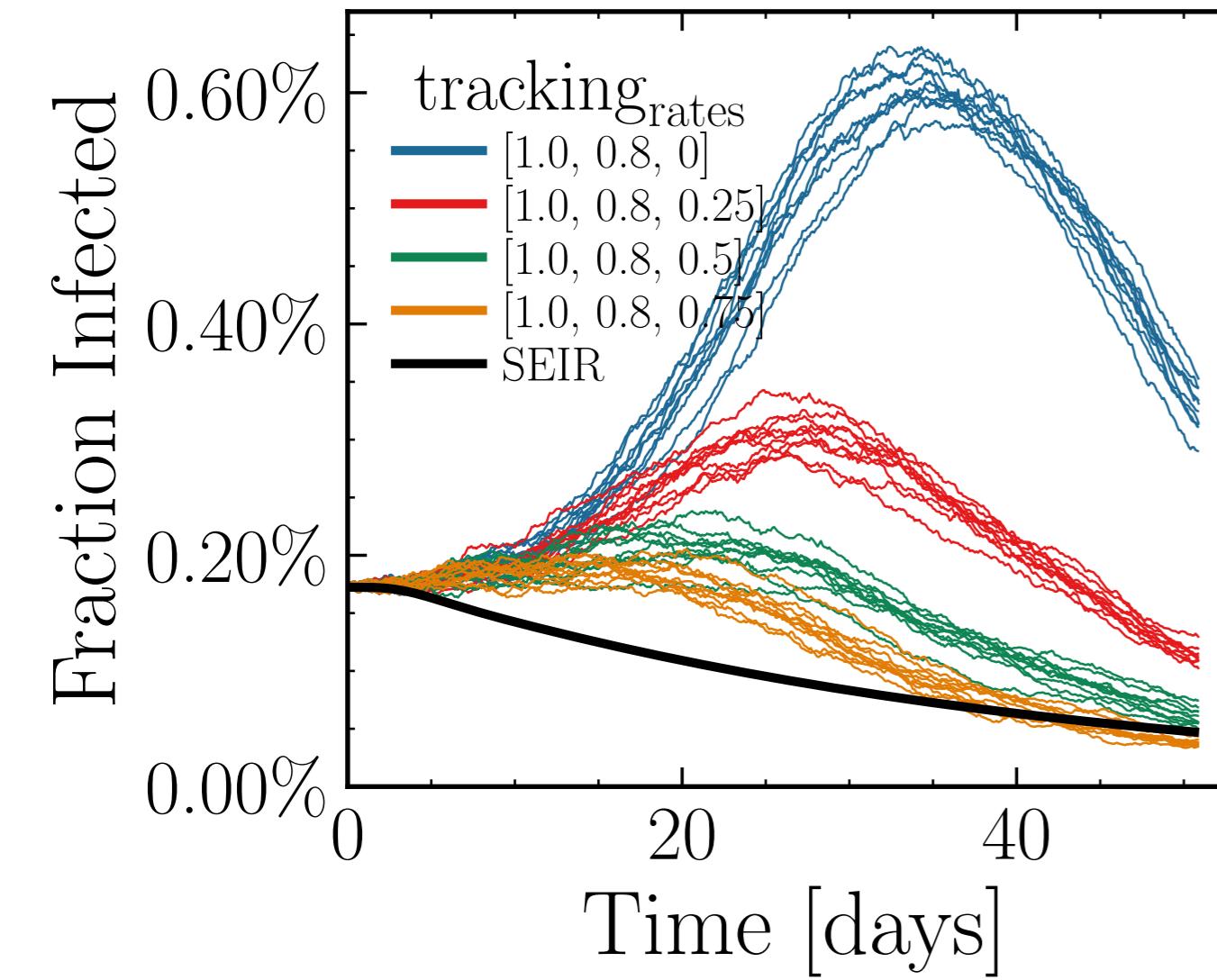
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.1038$, $\sigma_\mu = 0.0$, $\beta = 0.0095$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6625$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.68K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.3179$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



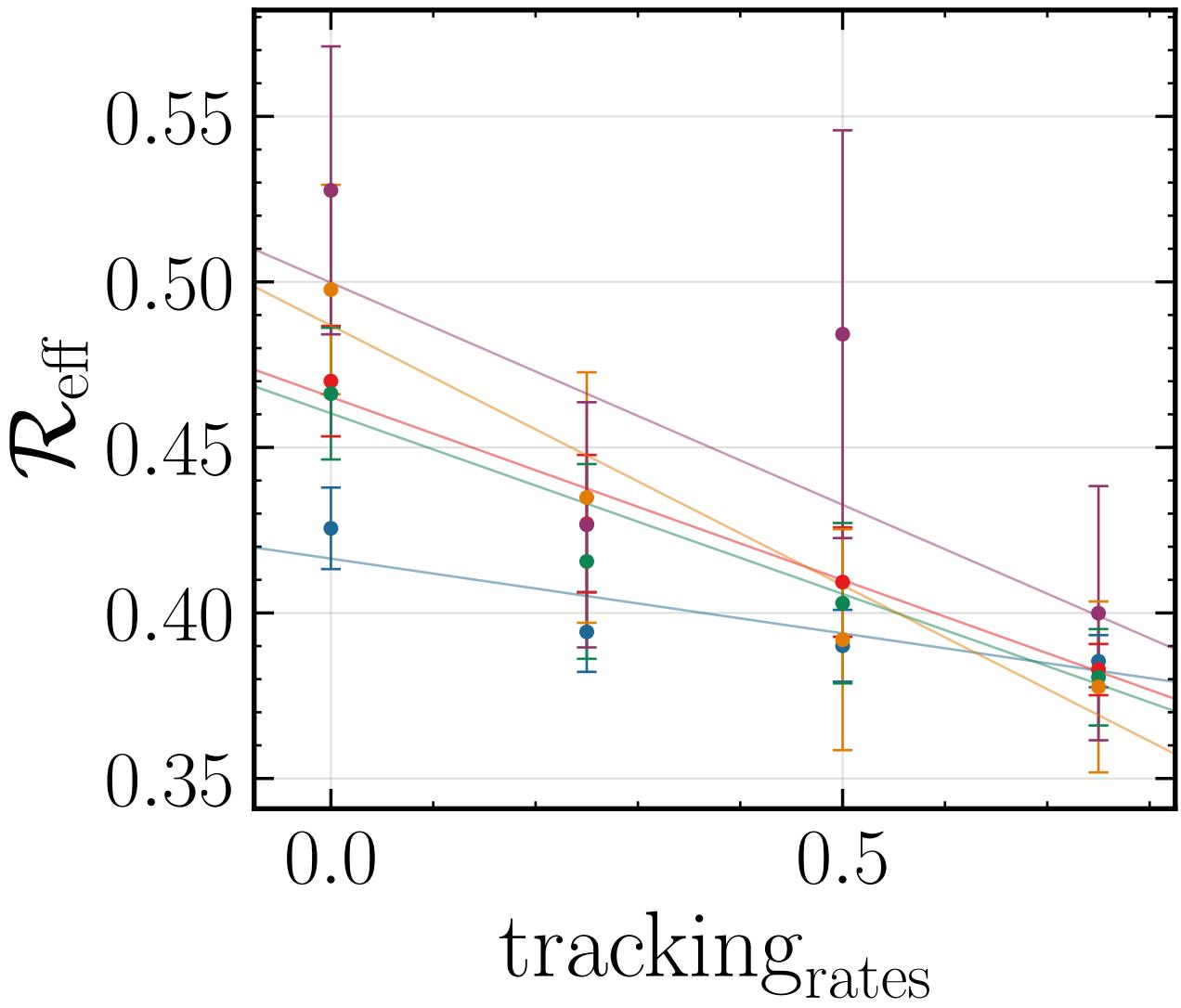
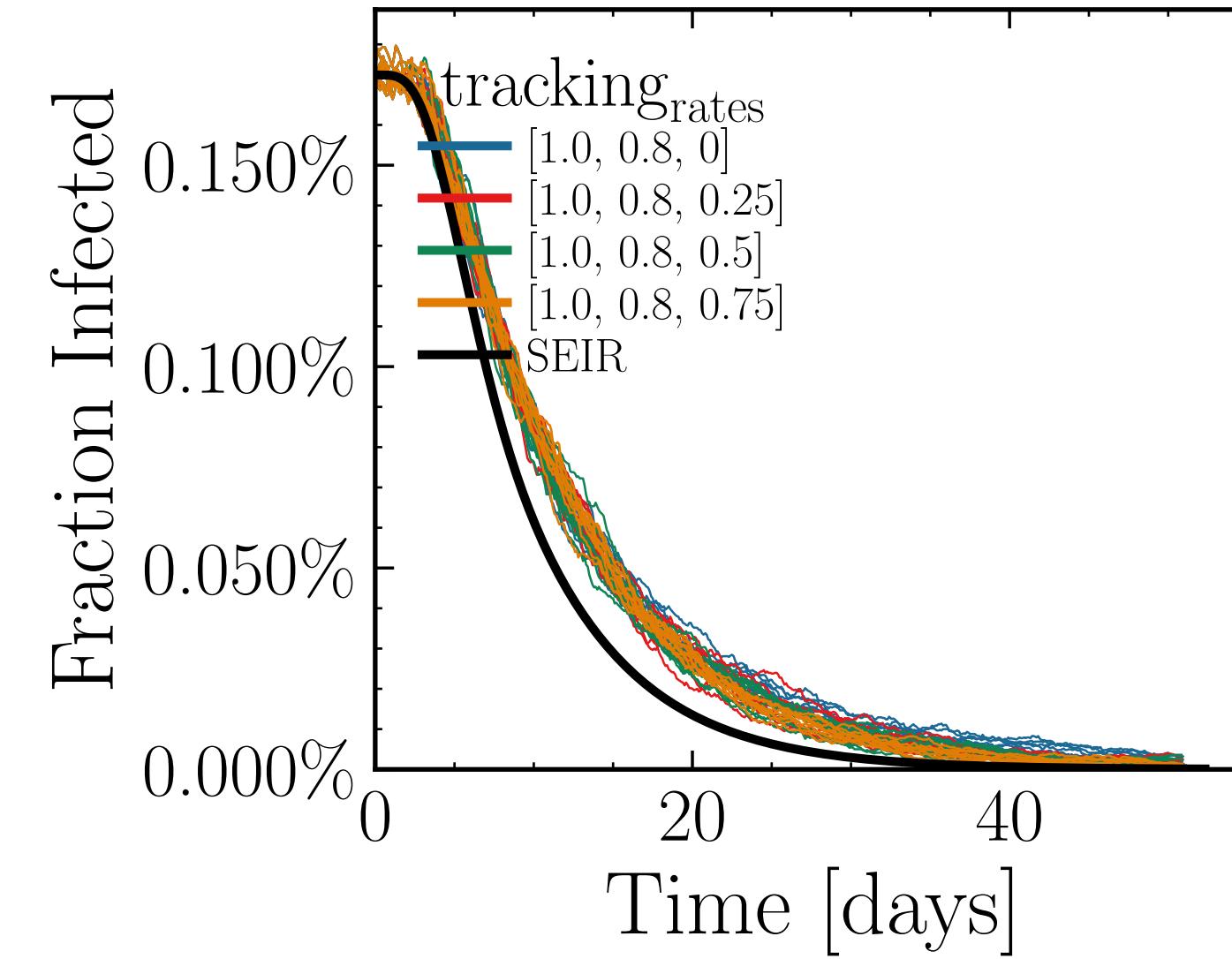
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.8837$, $\sigma_\mu = 0.0$, $\beta = 0.0114$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4408$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.96K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.8772, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], f_{dailytests} = 0.01, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



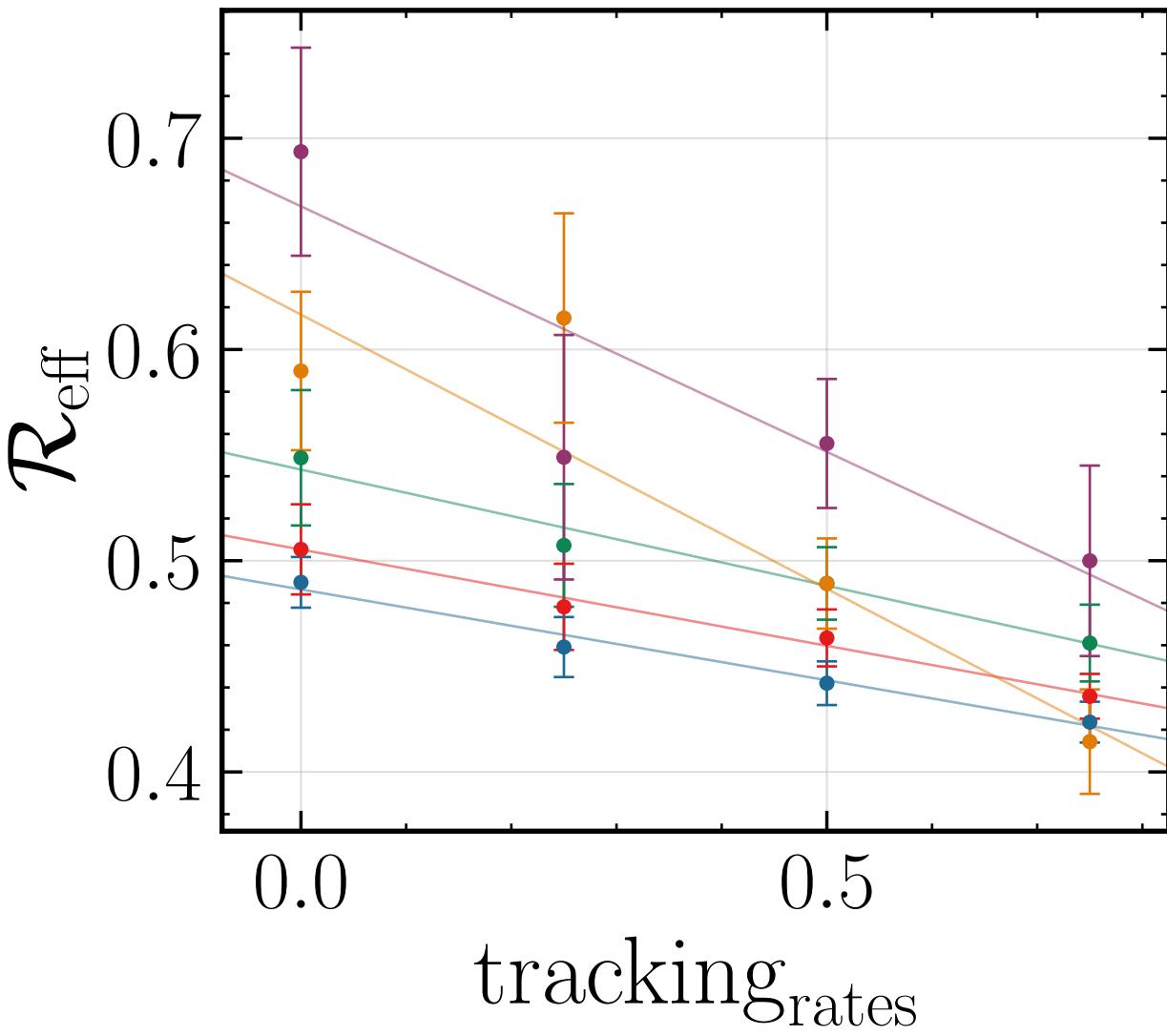
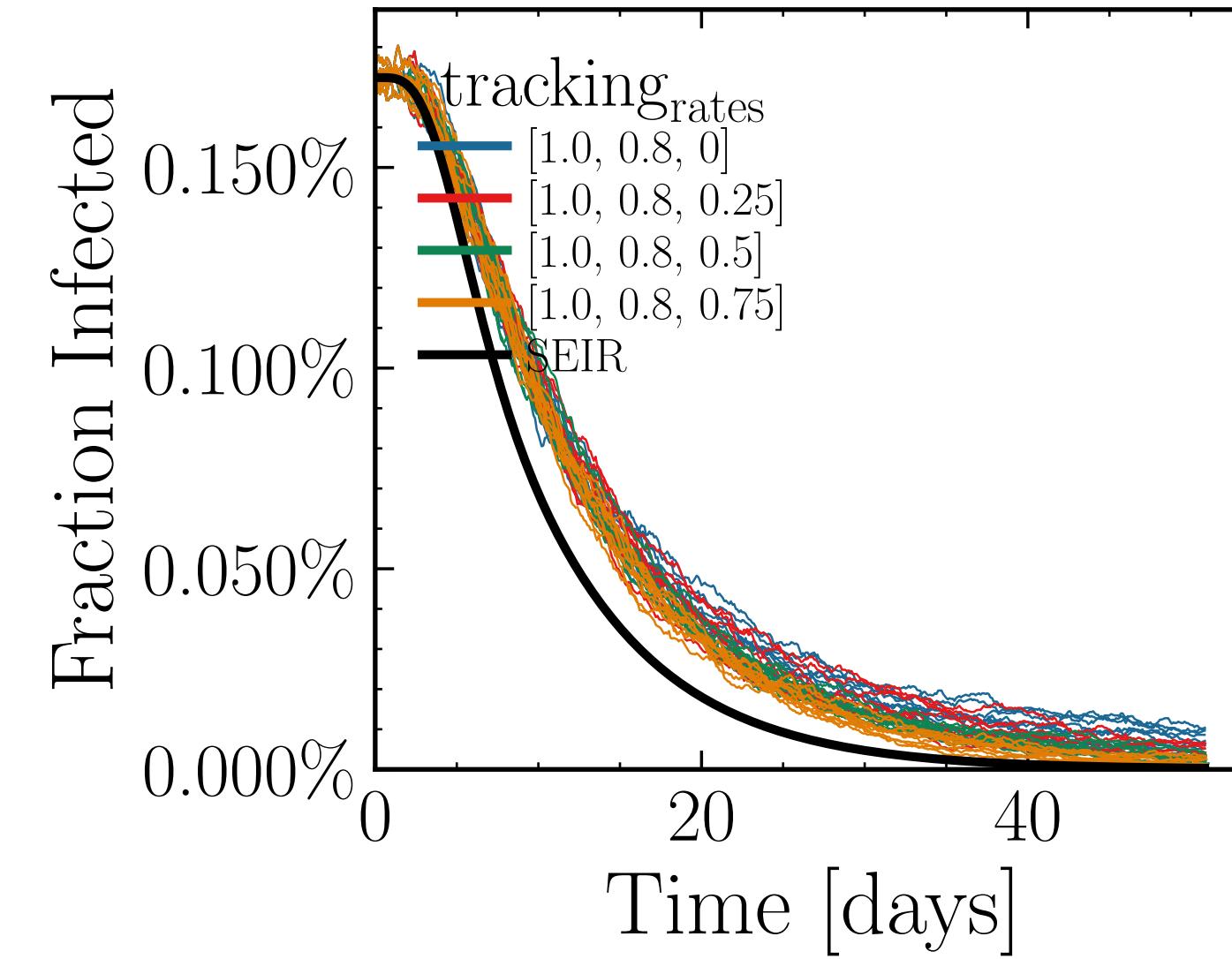
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.6253$, $\sigma_\mu = 0.0$, $\beta = 0.0127$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4054$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.33K$, event_{size_{max}} = 10, event_{size_{mean}} = 4.8991, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



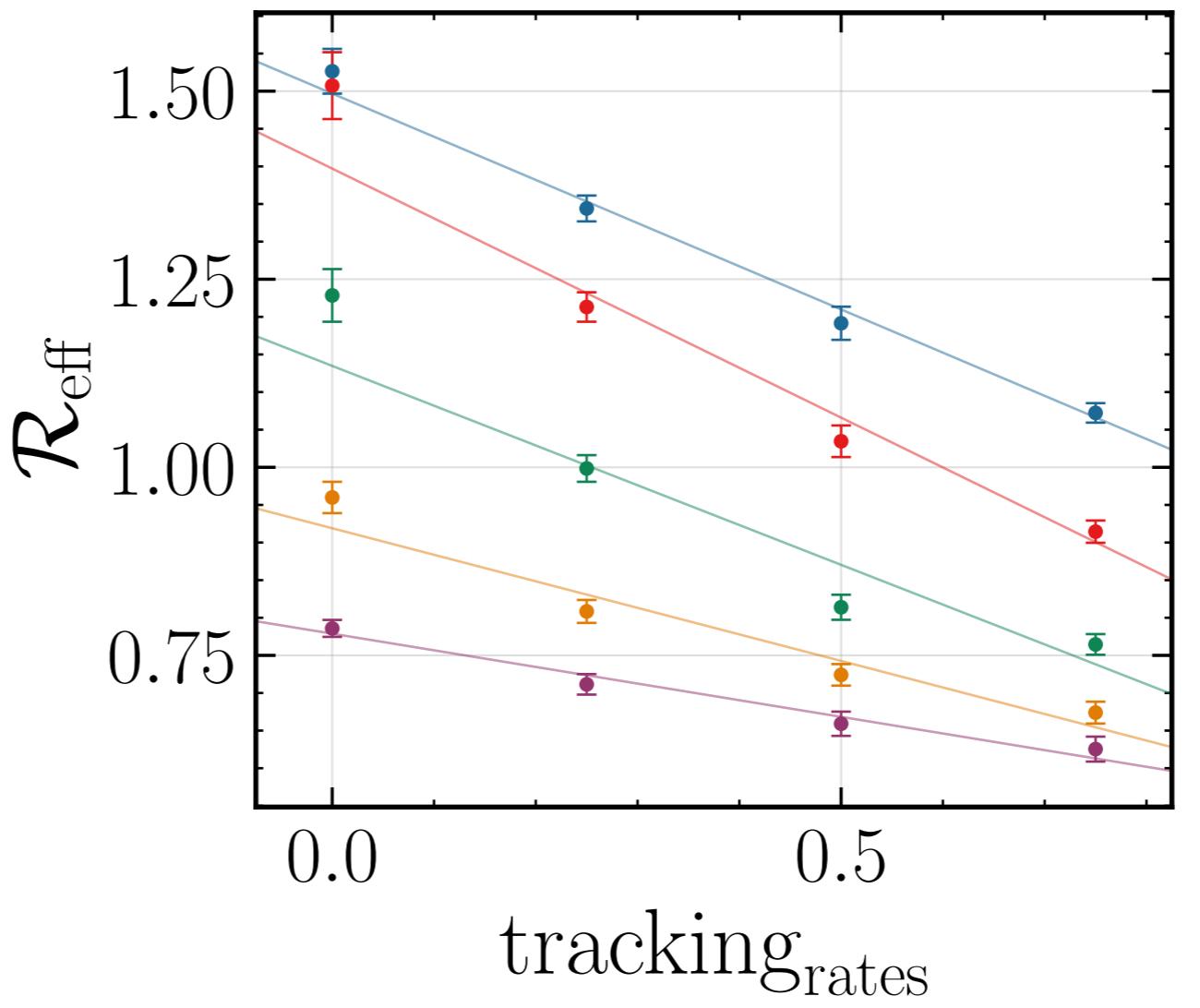
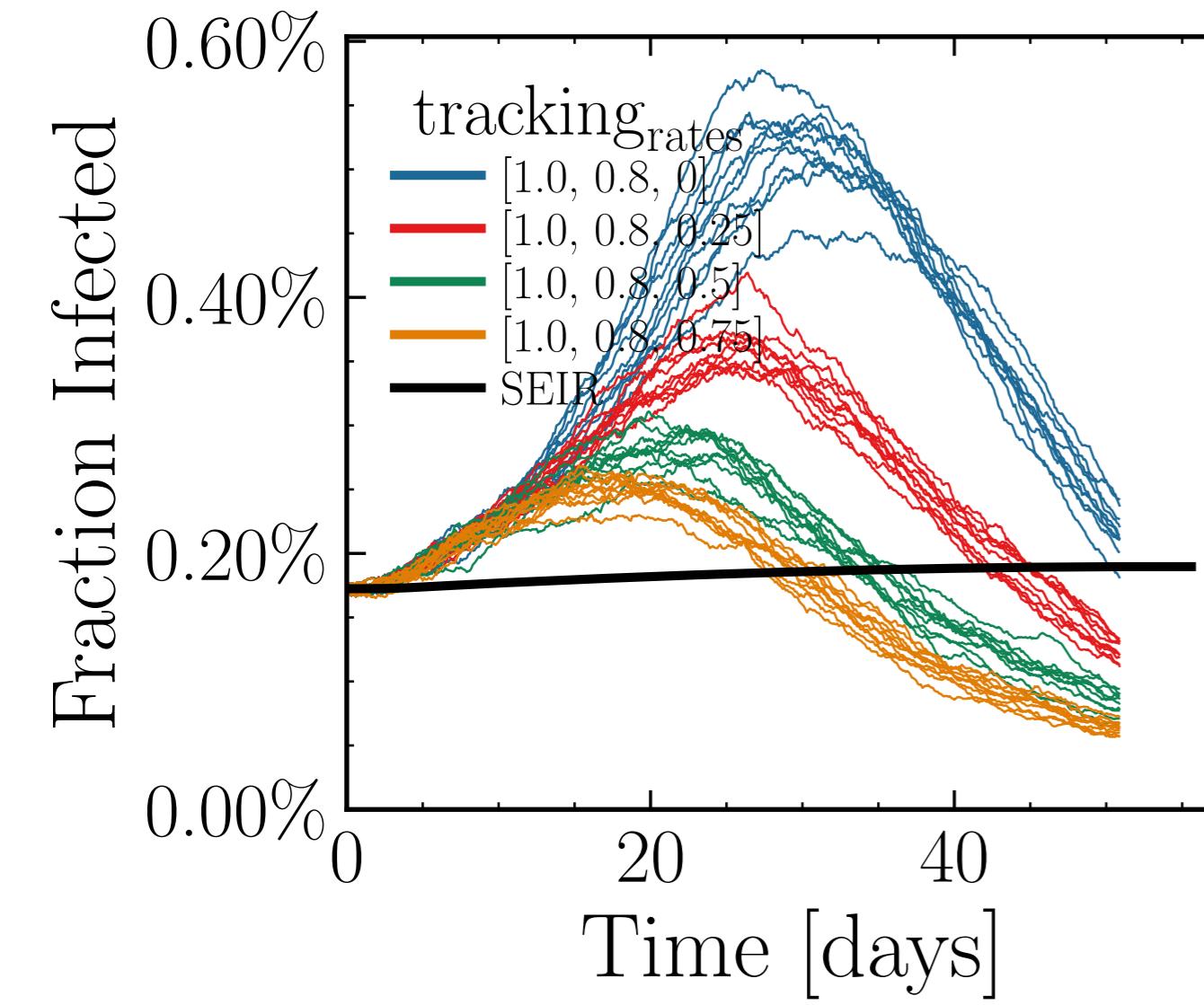
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.1999$, $\sigma_\mu = 0.0$, $\beta = 0.0083$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5767$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.97K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.9023$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



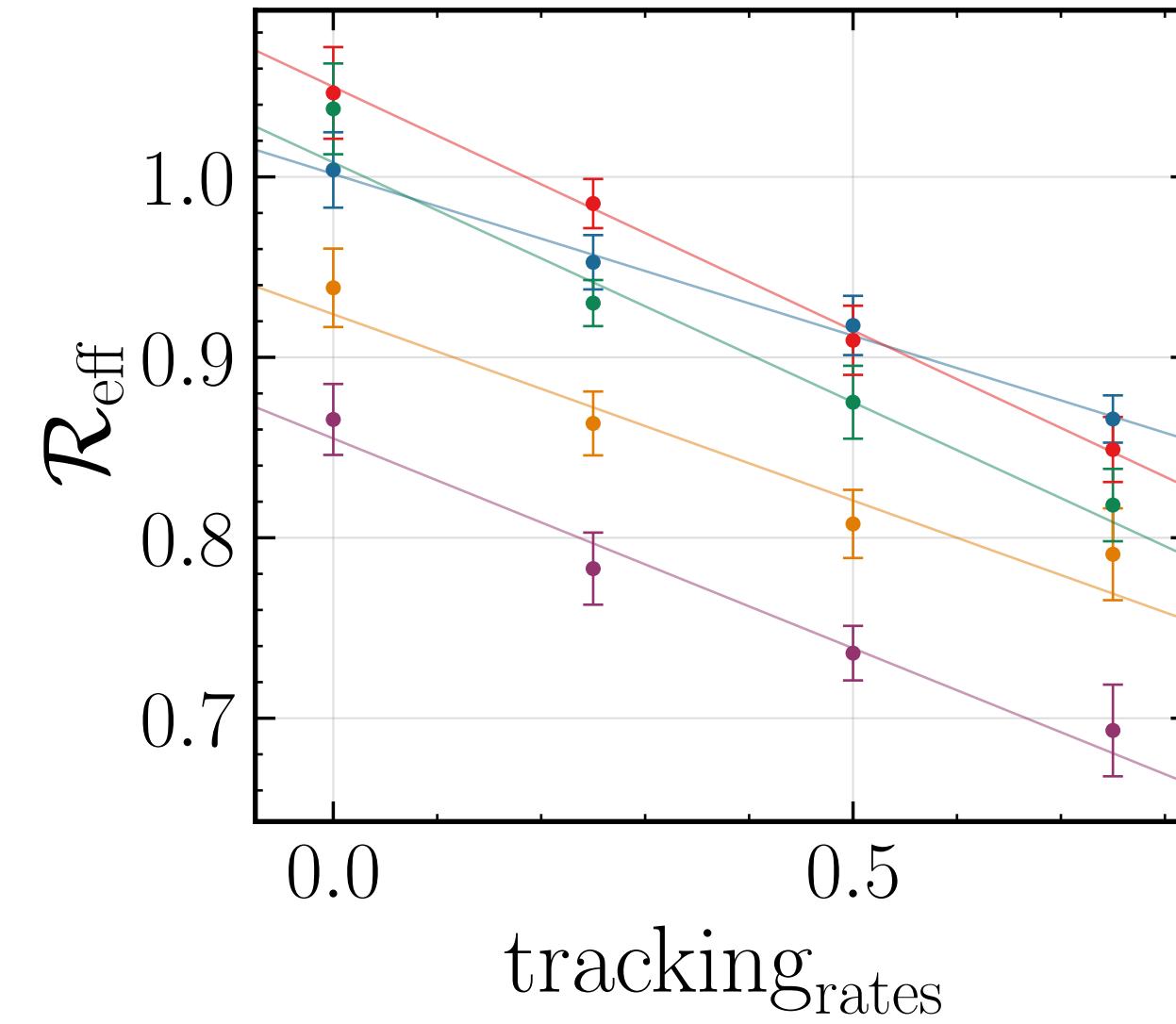
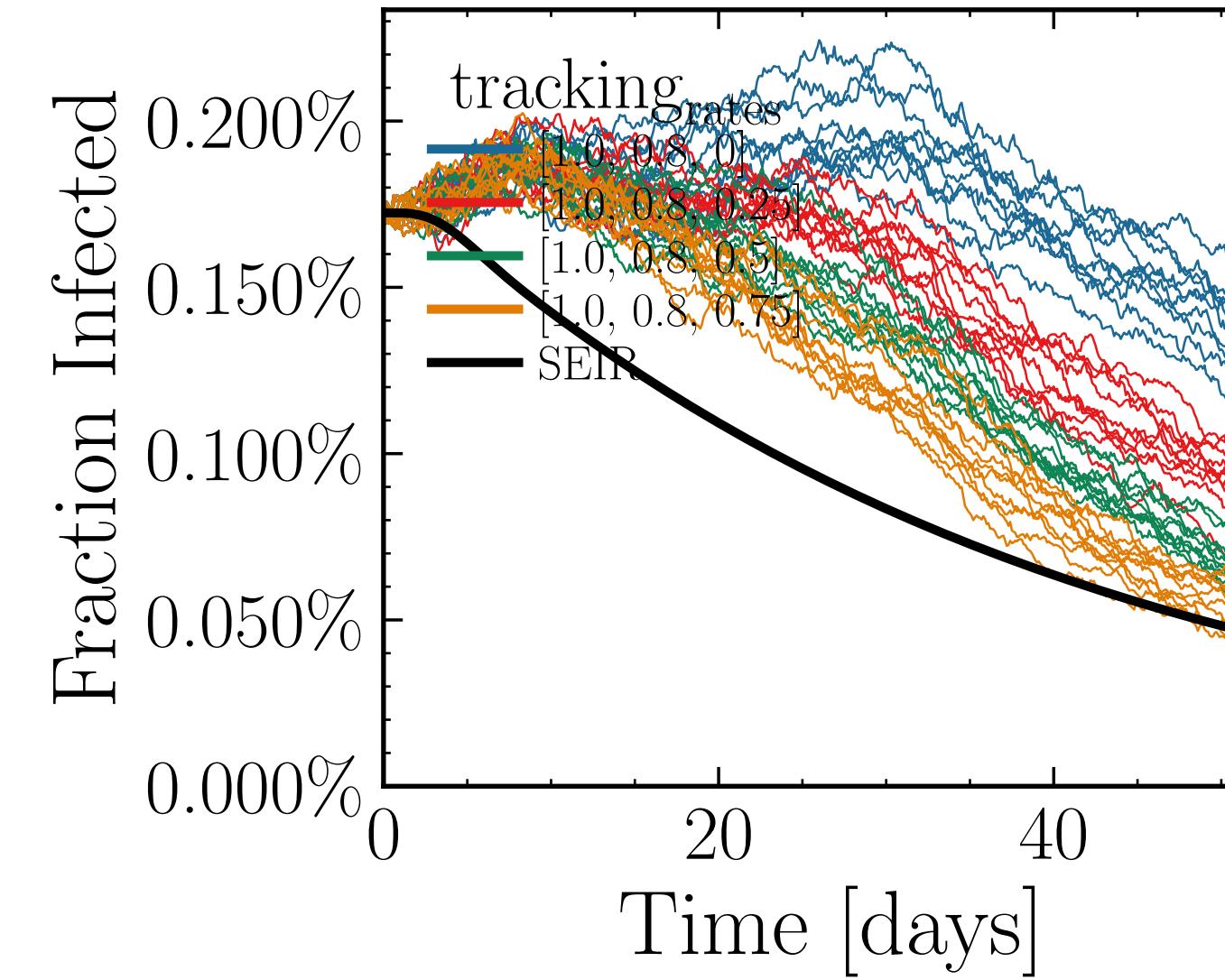
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.1873$, $\sigma_\mu = 0.0$, $\beta = 0.0087$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5272$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.56K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.5923$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



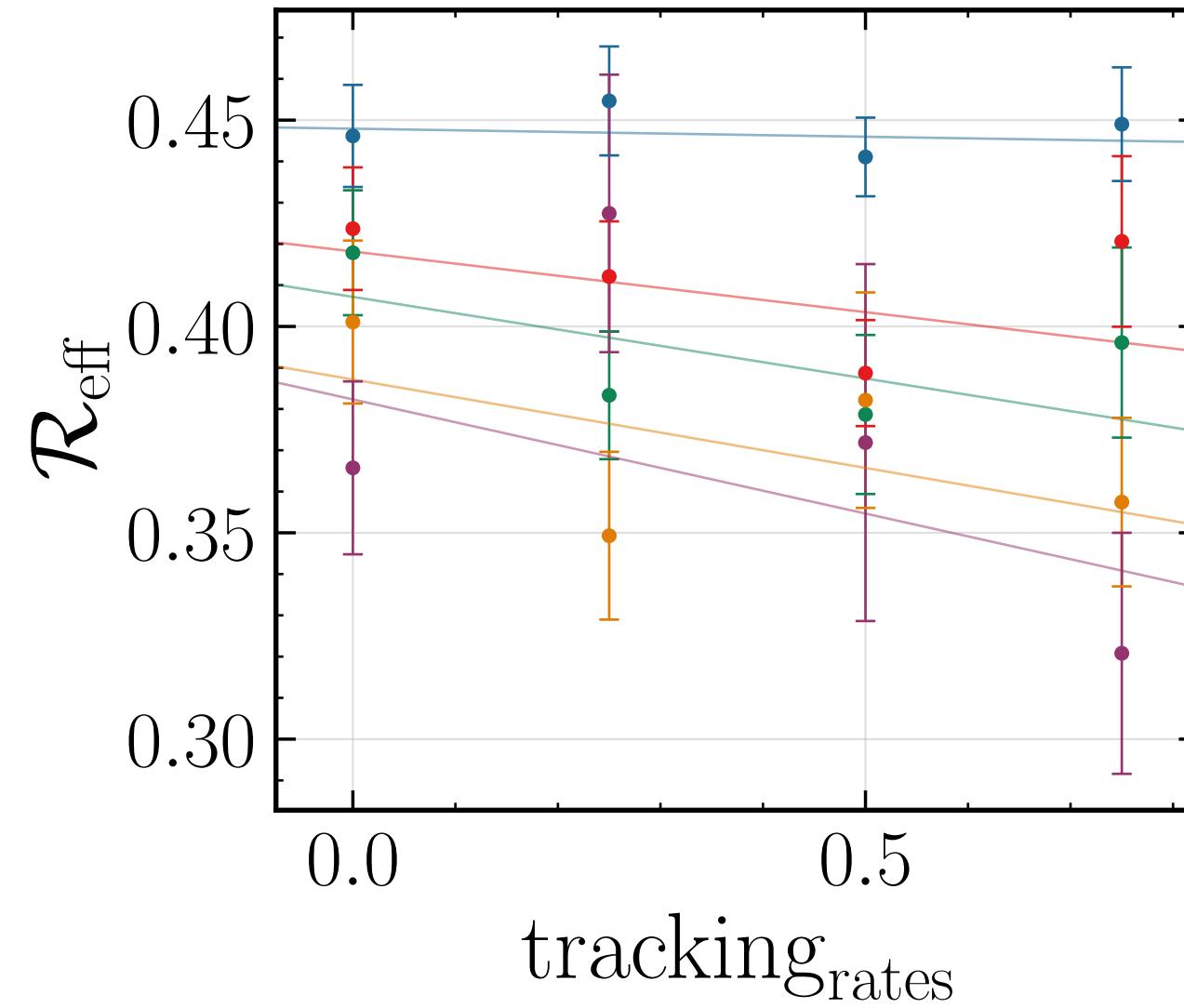
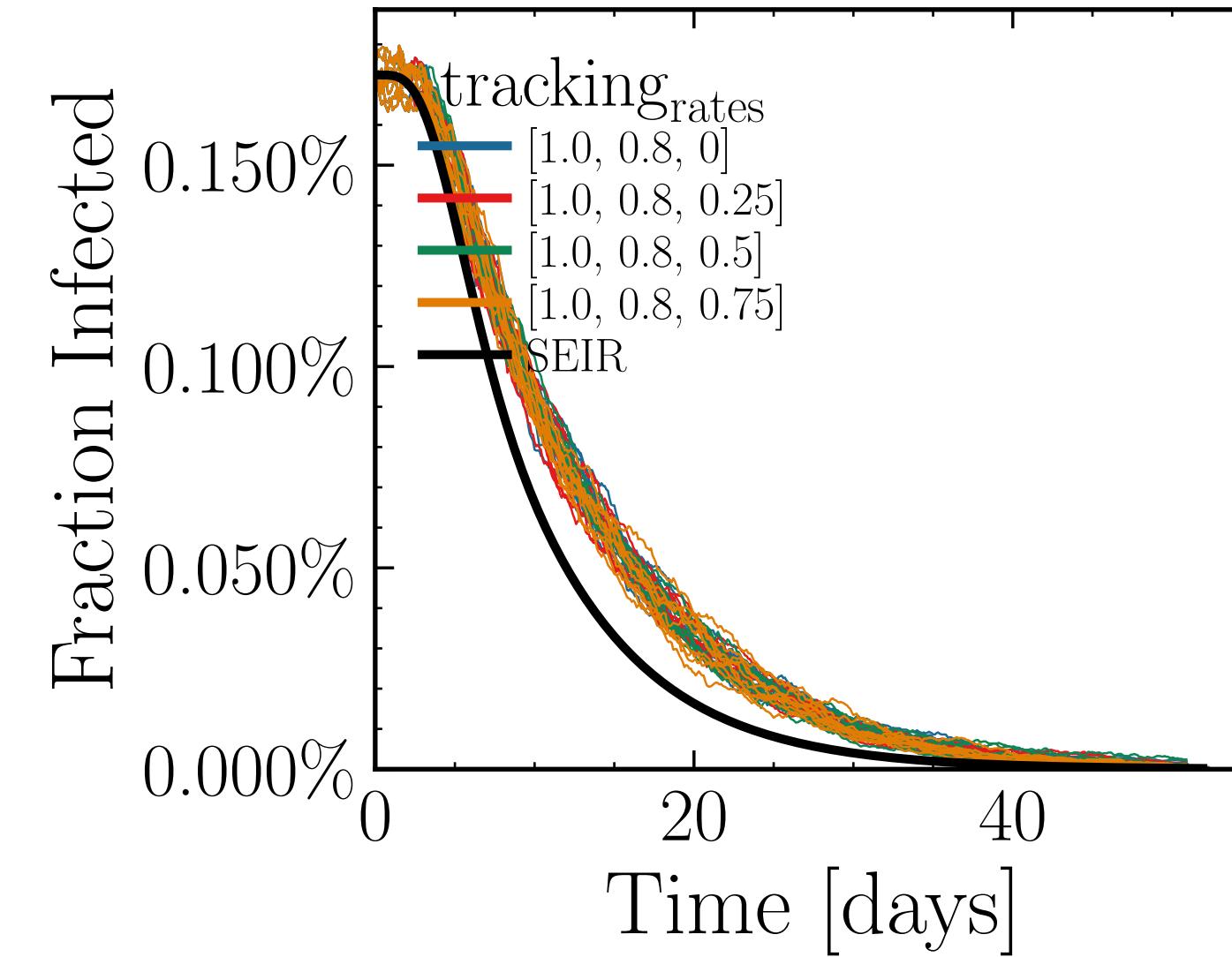
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.7646$, $\sigma_\mu = 0.0$, $\beta = 0.013$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5875$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.9K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.1922, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



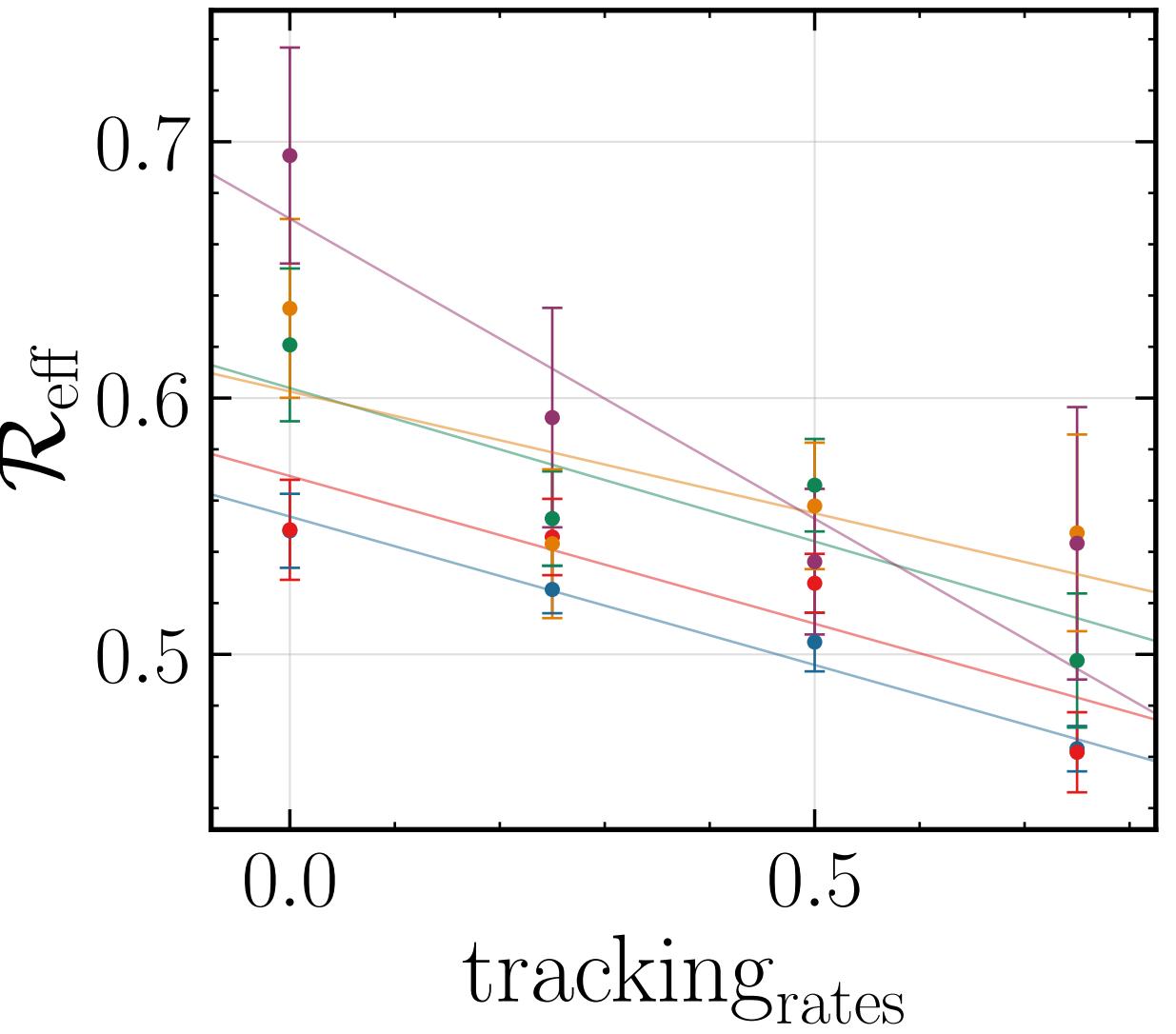
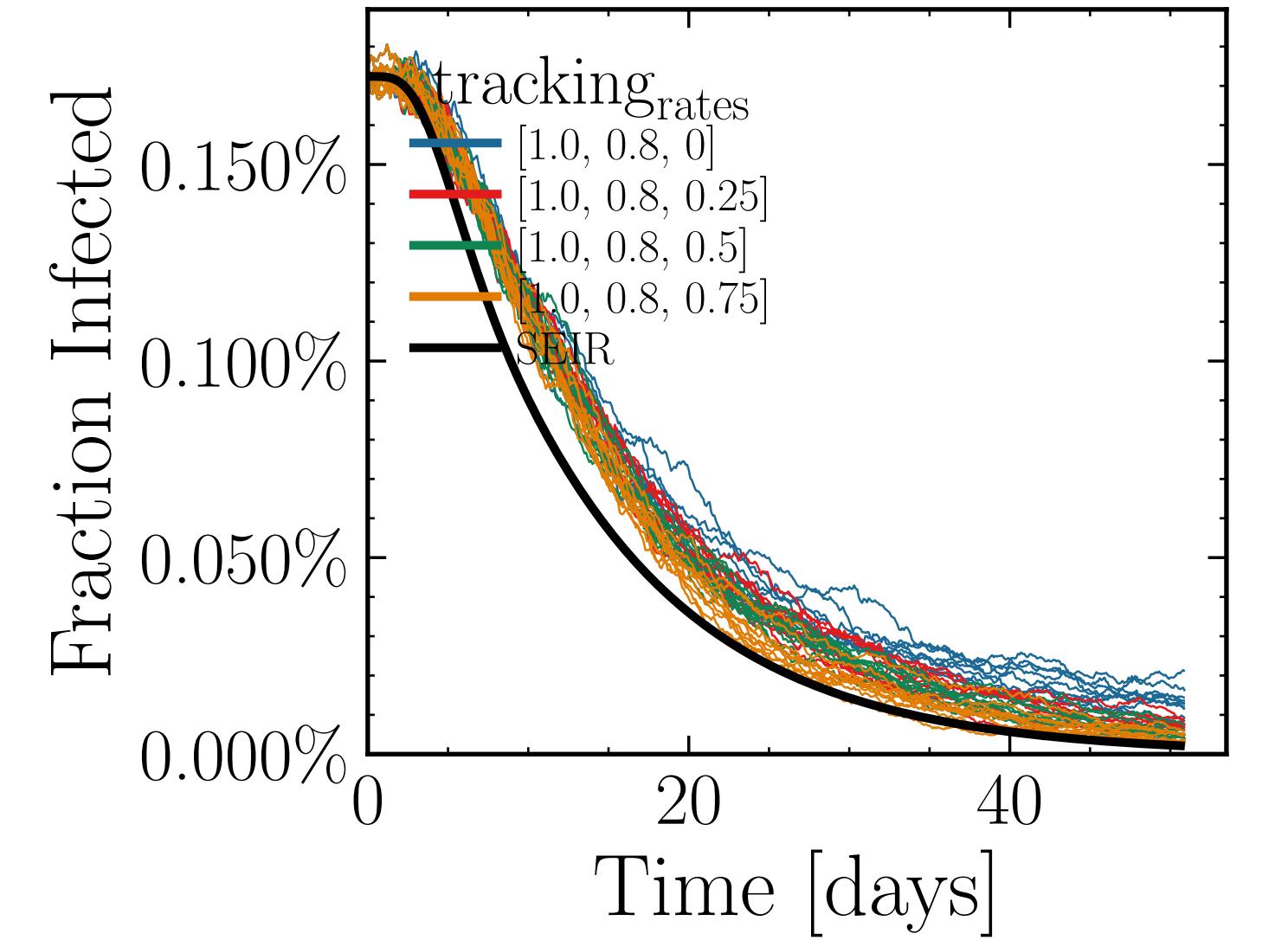
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.6519$, $\sigma_\mu = 0.0$, $\beta = 0.0135$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.746$, $N_{\text{contacts max}} = 0$
 $N_{\text{events}} = 1.93K$, event_size_max = 10, event_size_mean = 3.4336, event $_{\beta \text{ scaling}}$ = 5.0, event $_{\text{weekend multiplier}}$ = 2.0
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{daily tests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance $_{\text{find.inf.}}$ = [0.0, 0.15, 0.15, 0.15, 0.0], days $_{\text{look.back}}$ = 7, tracking $_{\text{delay}}$ = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.2011$, $\sigma_\mu = 0.0$, $\beta = 0.0091$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7316$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.85K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.173$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, testdelay = [0, 0, 25], resultdelay = [10, 10, 10]
chancefind.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], dayslook.back = 7, tracking_delay = 10

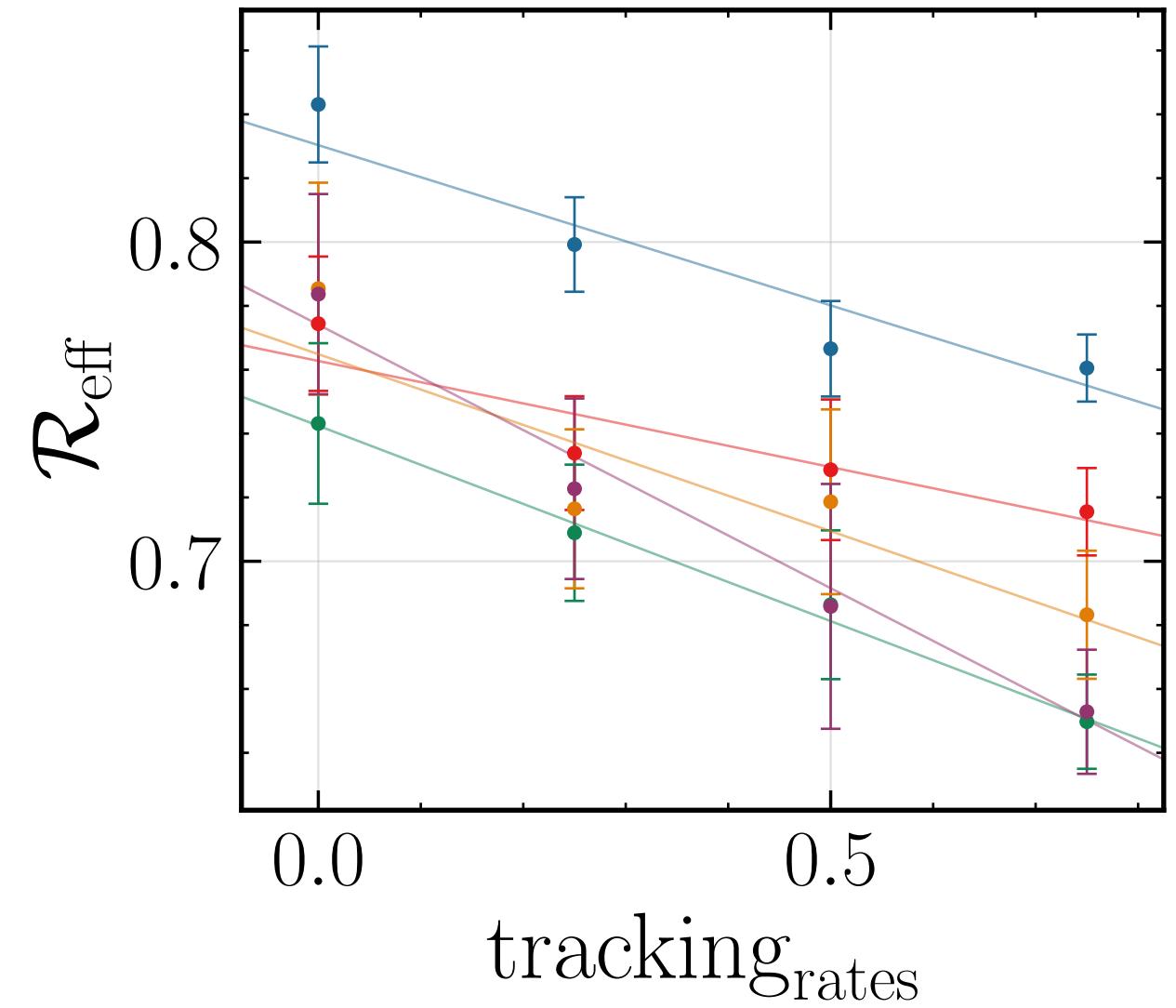
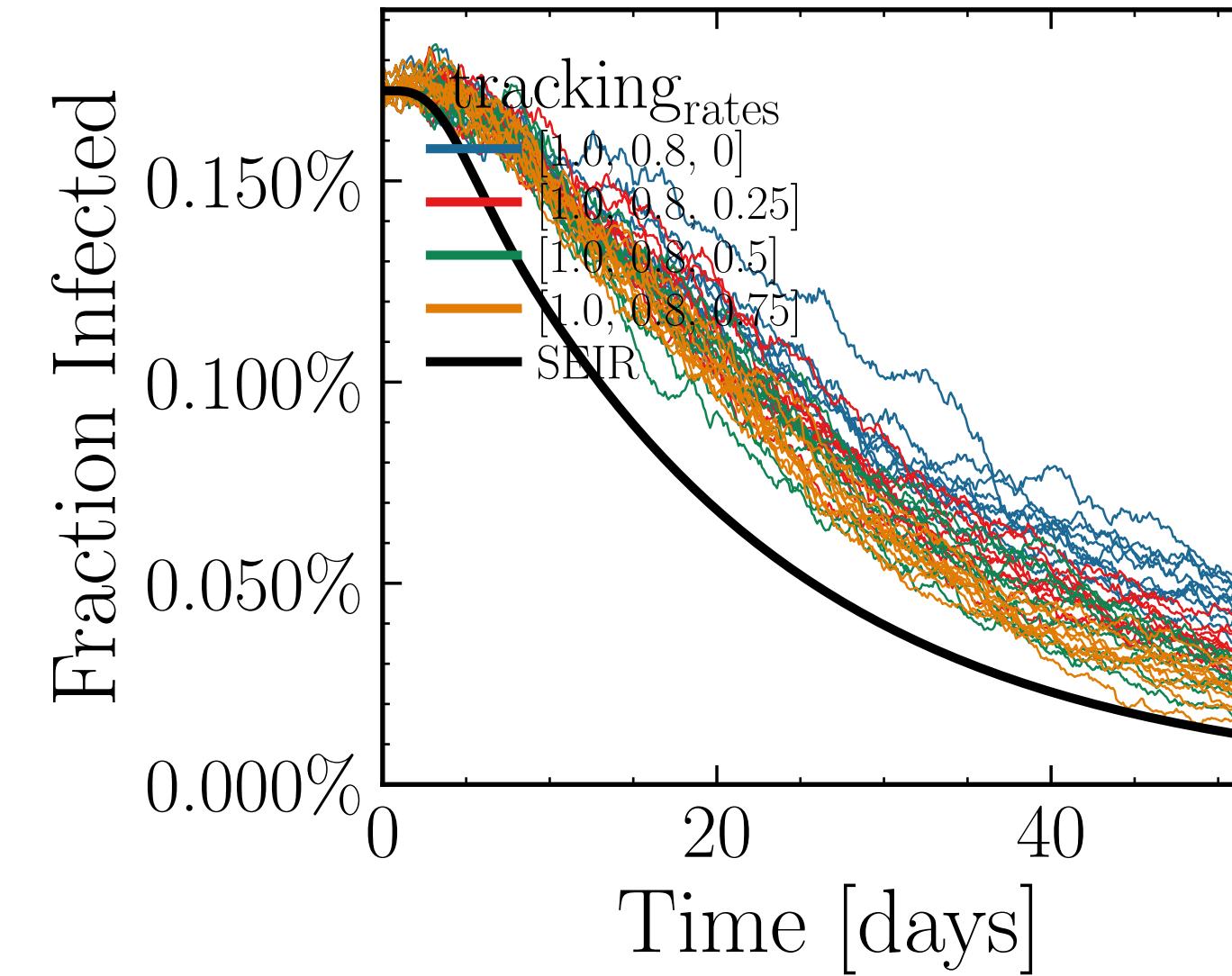


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.4717$, $\sigma_\mu = 0.0$, $\beta = 0.0081$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7366$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.12K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.6847$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



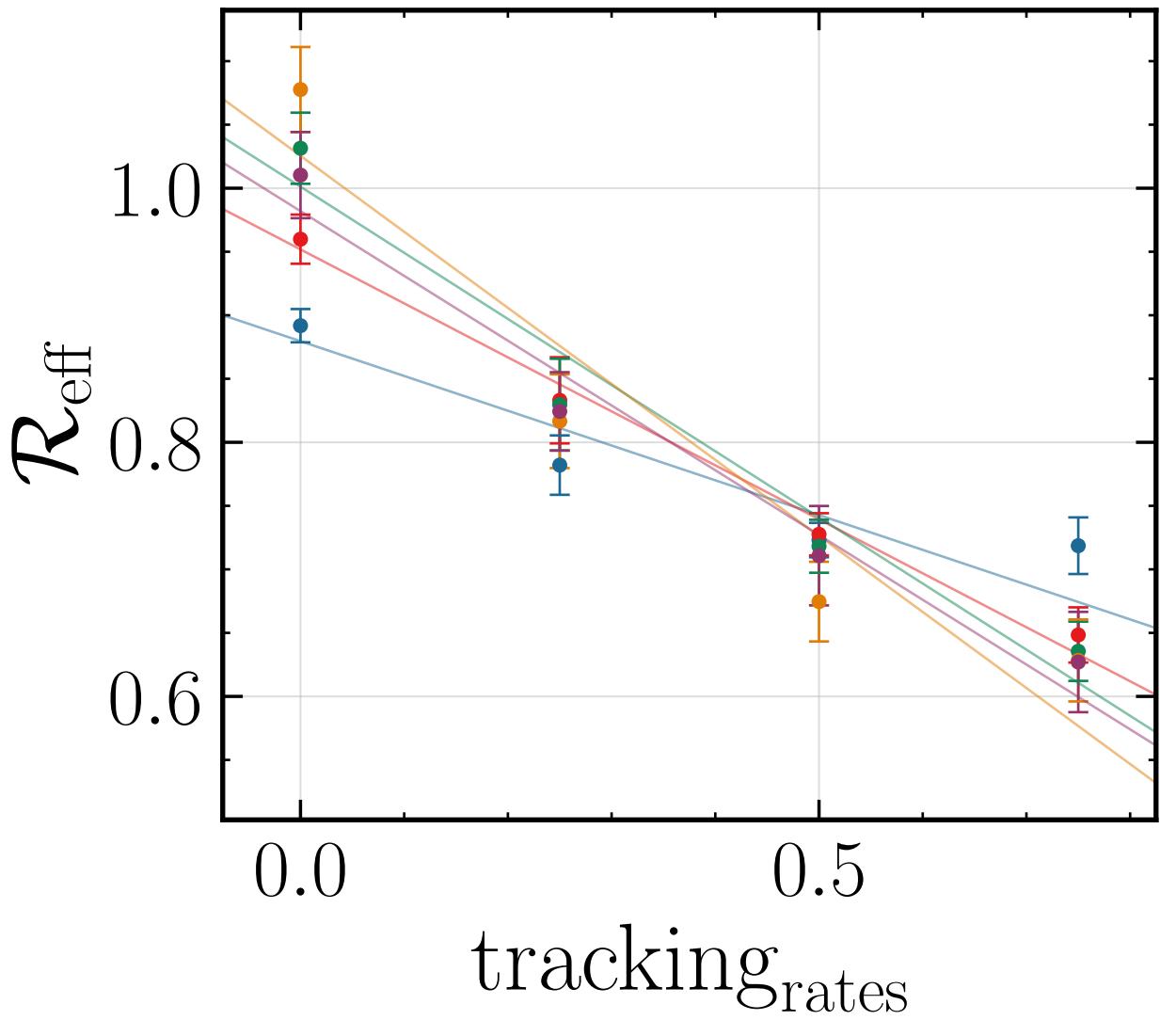
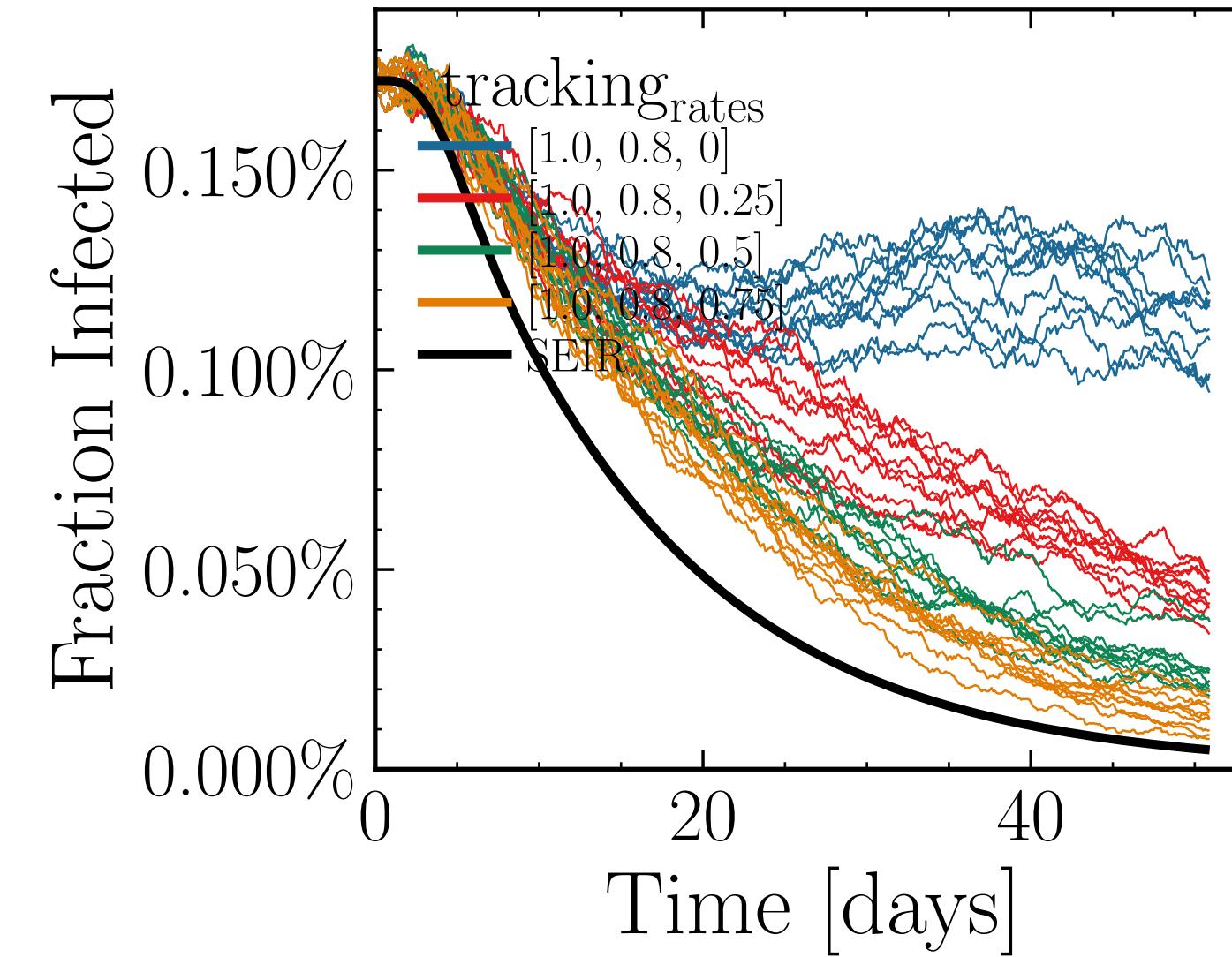
| |
|-------------------------|
| Day: 20, a=-0.12 ± 0.02 |
| Day: 25, a=-0.12 ± 0.03 |
| Day: 30, a=-0.12 ± 0.05 |
| Day: 35, a=-0.10 ± 0.06 |
| Day: 40, a=-0.23 ± 0.08 |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.7595$, $\sigma_\mu = 0.0$, $\beta = 0.0111$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7717$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.61K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.1879$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

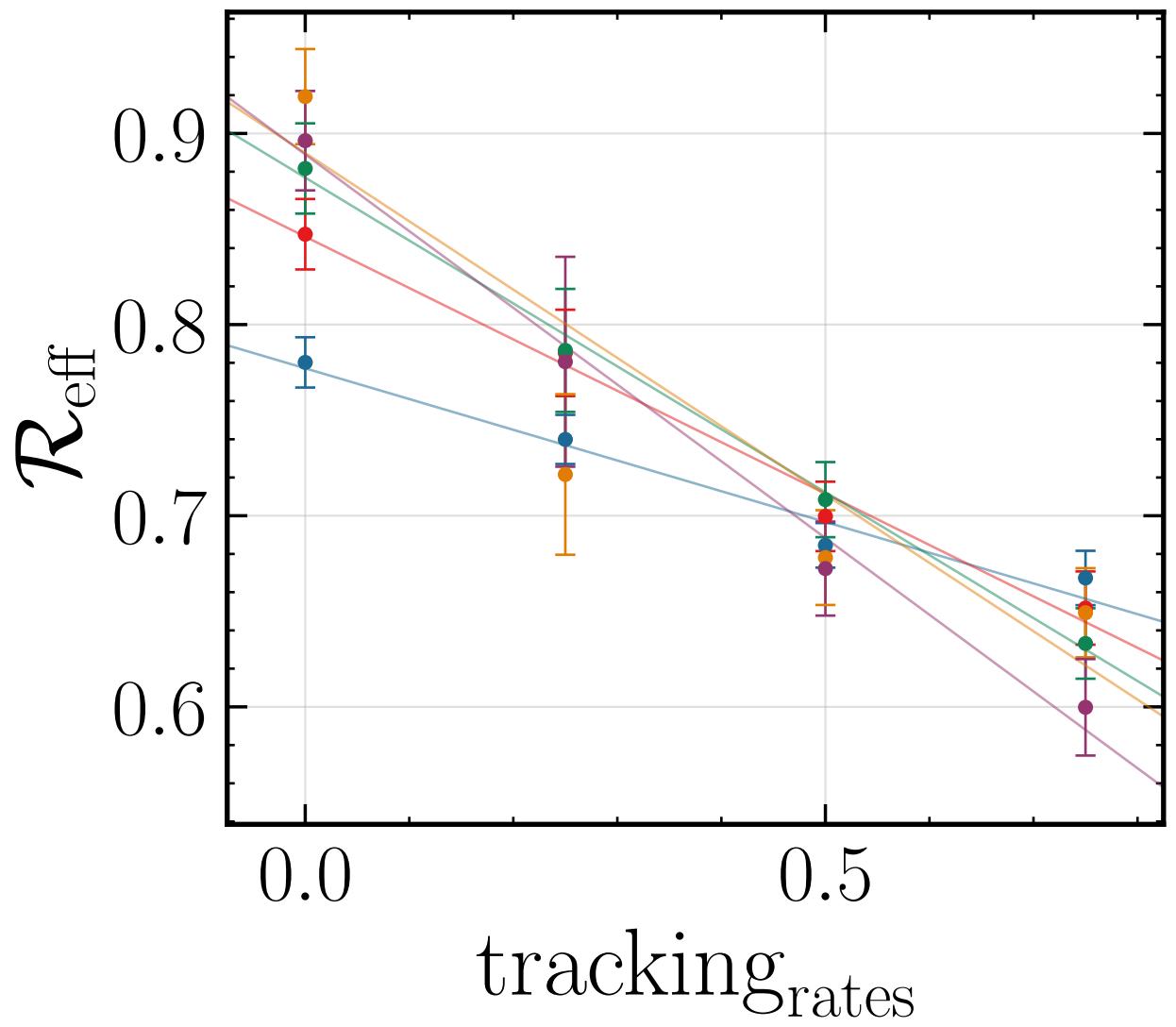
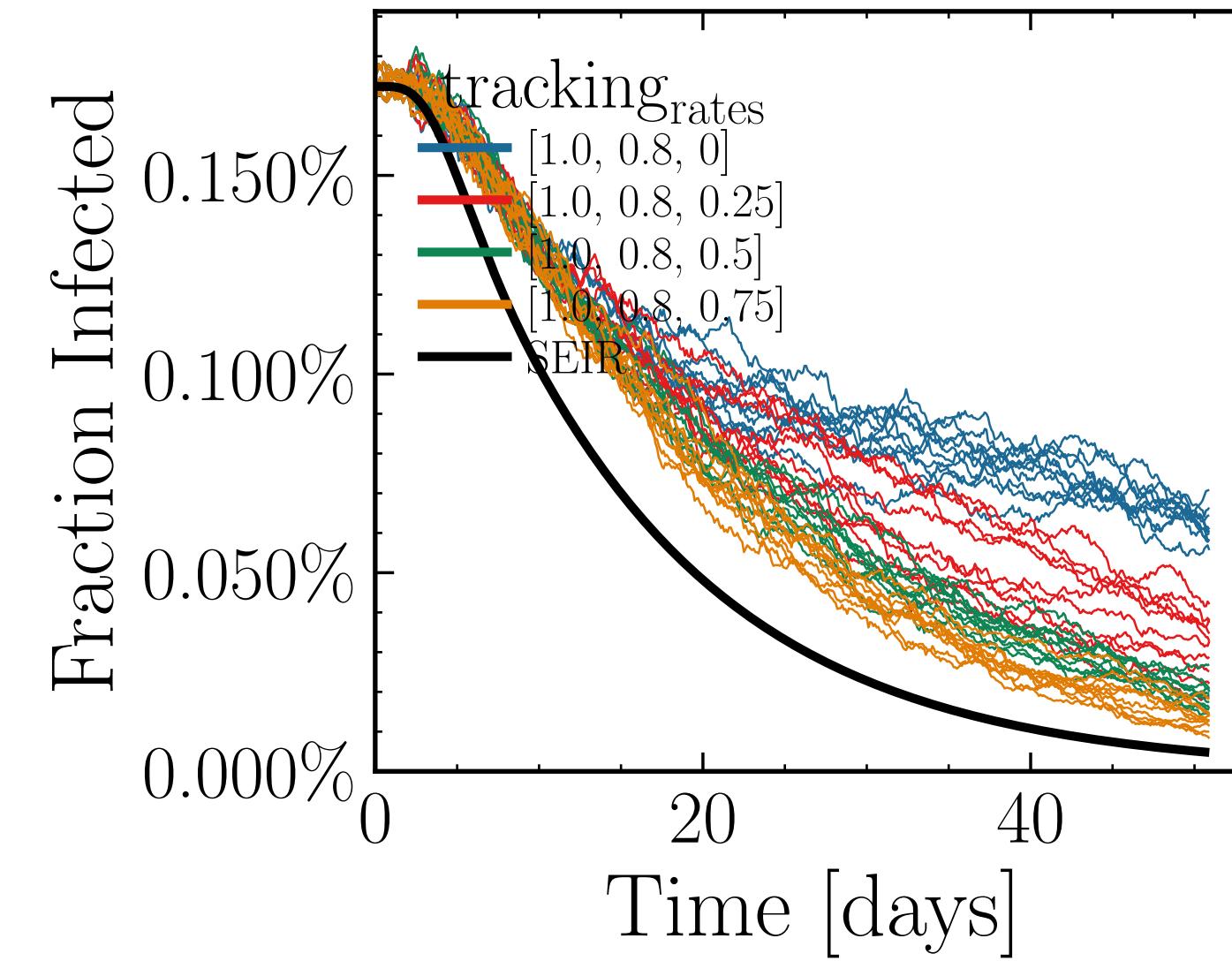


| |
|-------------------------------|
| Day: 20, $a = -0.10 \pm 0.02$ |
| Day: 25, $a = -0.07 \pm 0.03$ |
| Day: 30, $a = -0.12 \pm 0.04$ |
| Day: 35, $a = -0.11 \pm 0.05$ |
| Day: 40, $a = -0.17 \pm 0.05$ |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.0374$, $\sigma_\mu = 0.0$, $\beta = 0.0089$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5154$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.33K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.1392$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

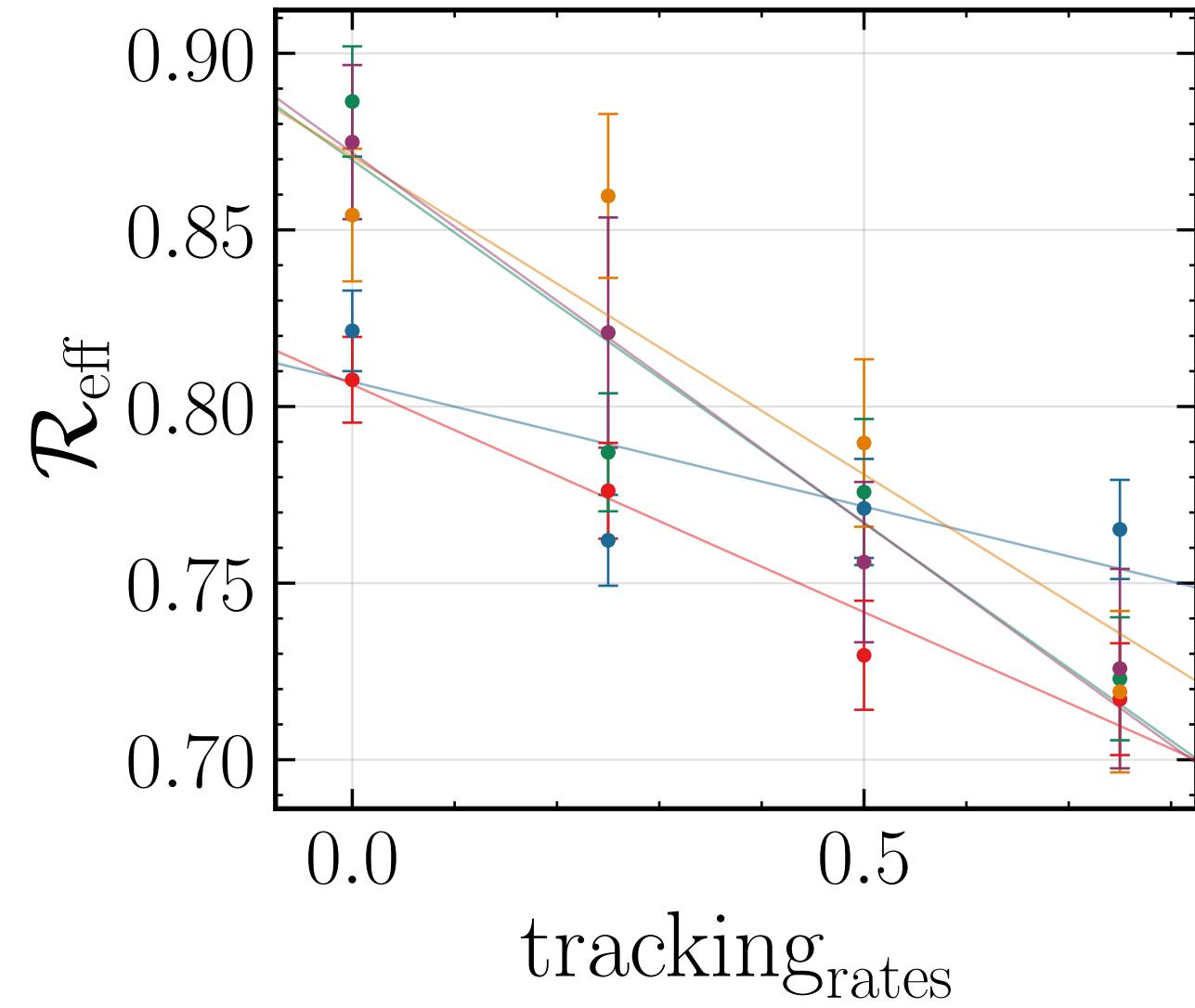
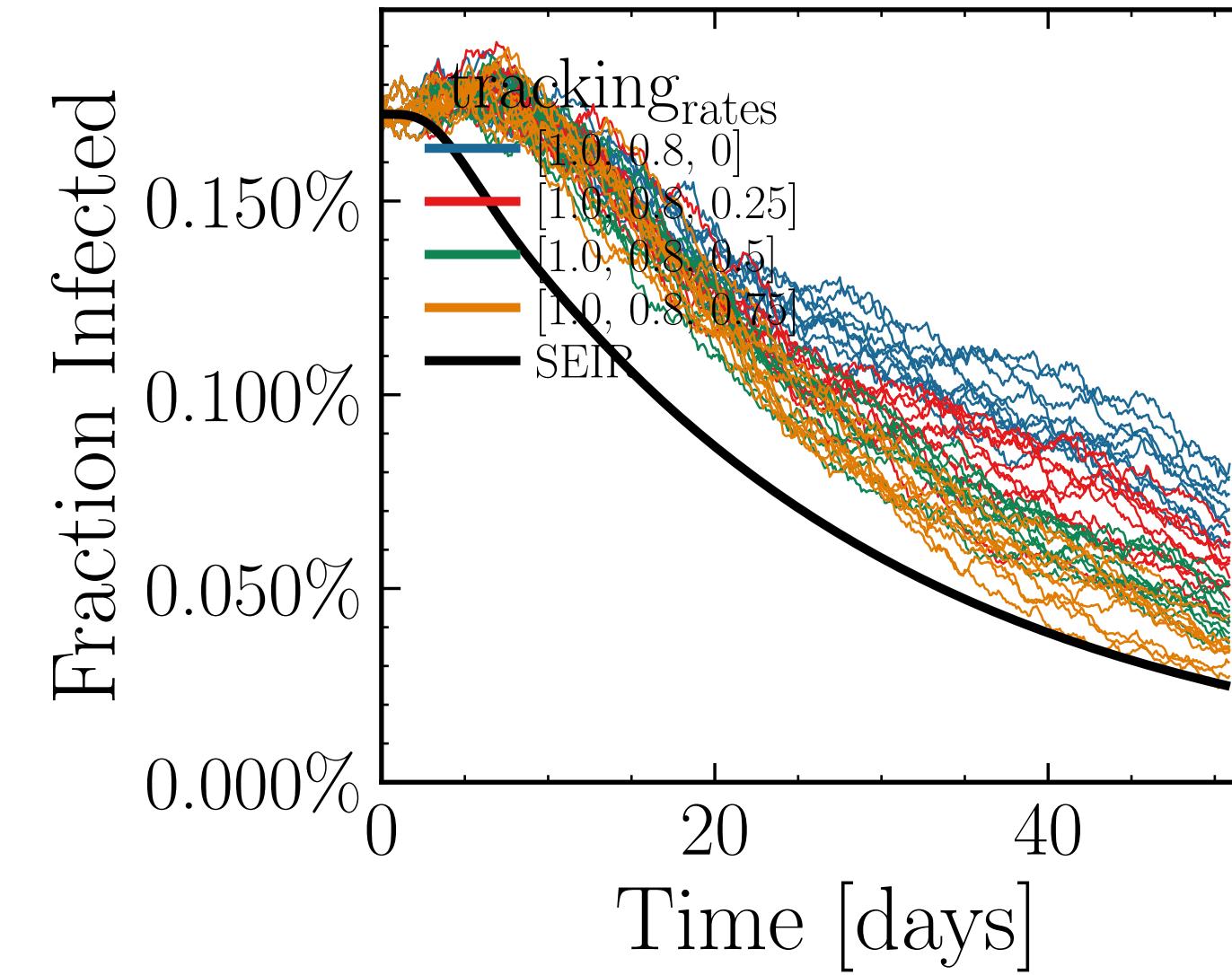


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.9204$, $\sigma_\mu = 0.0$, $\beta = 0.0095$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6289$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.9K$, event_{size_{max}} = 10, event_{size_{mean}} = 4.1523, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10

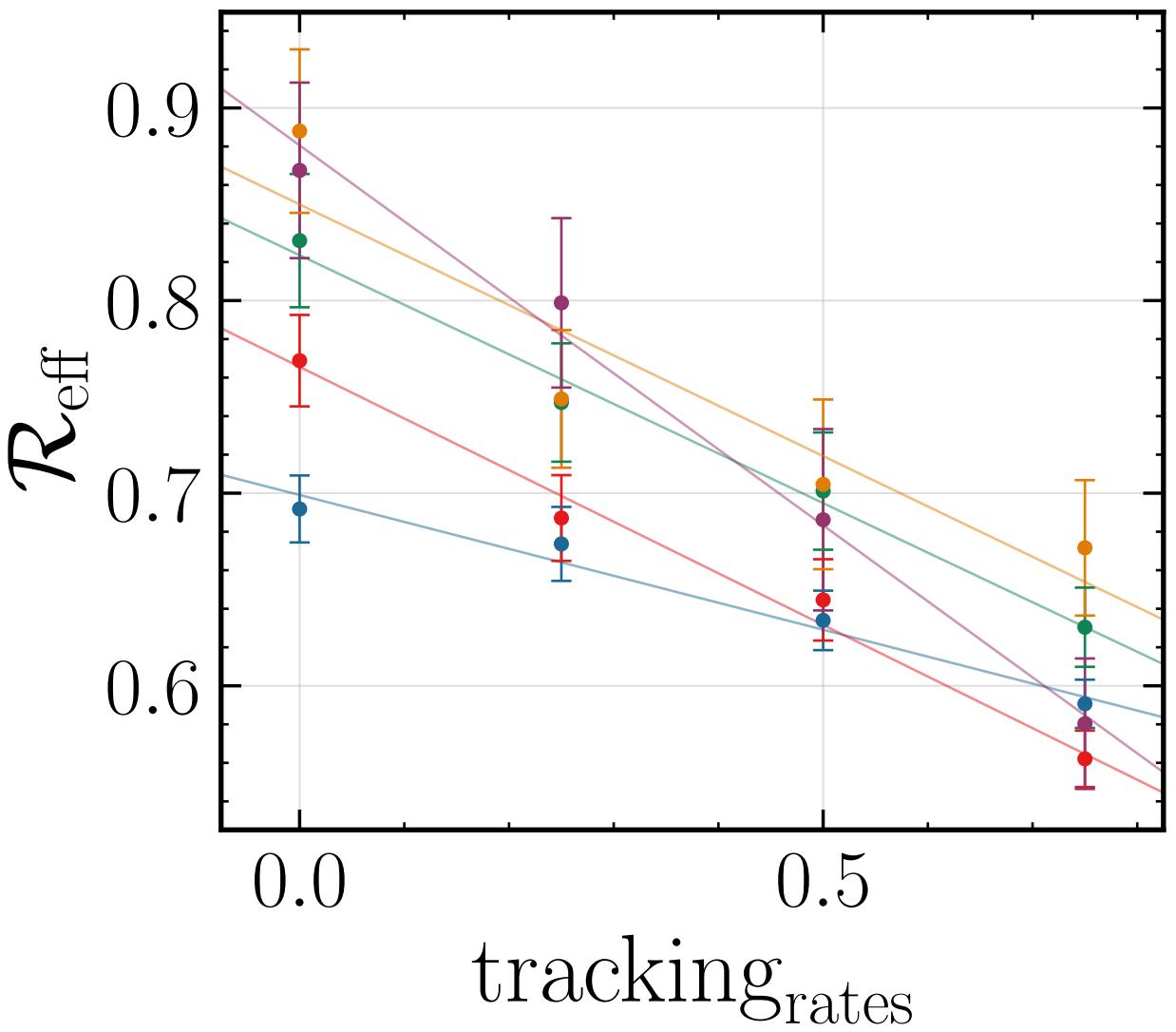
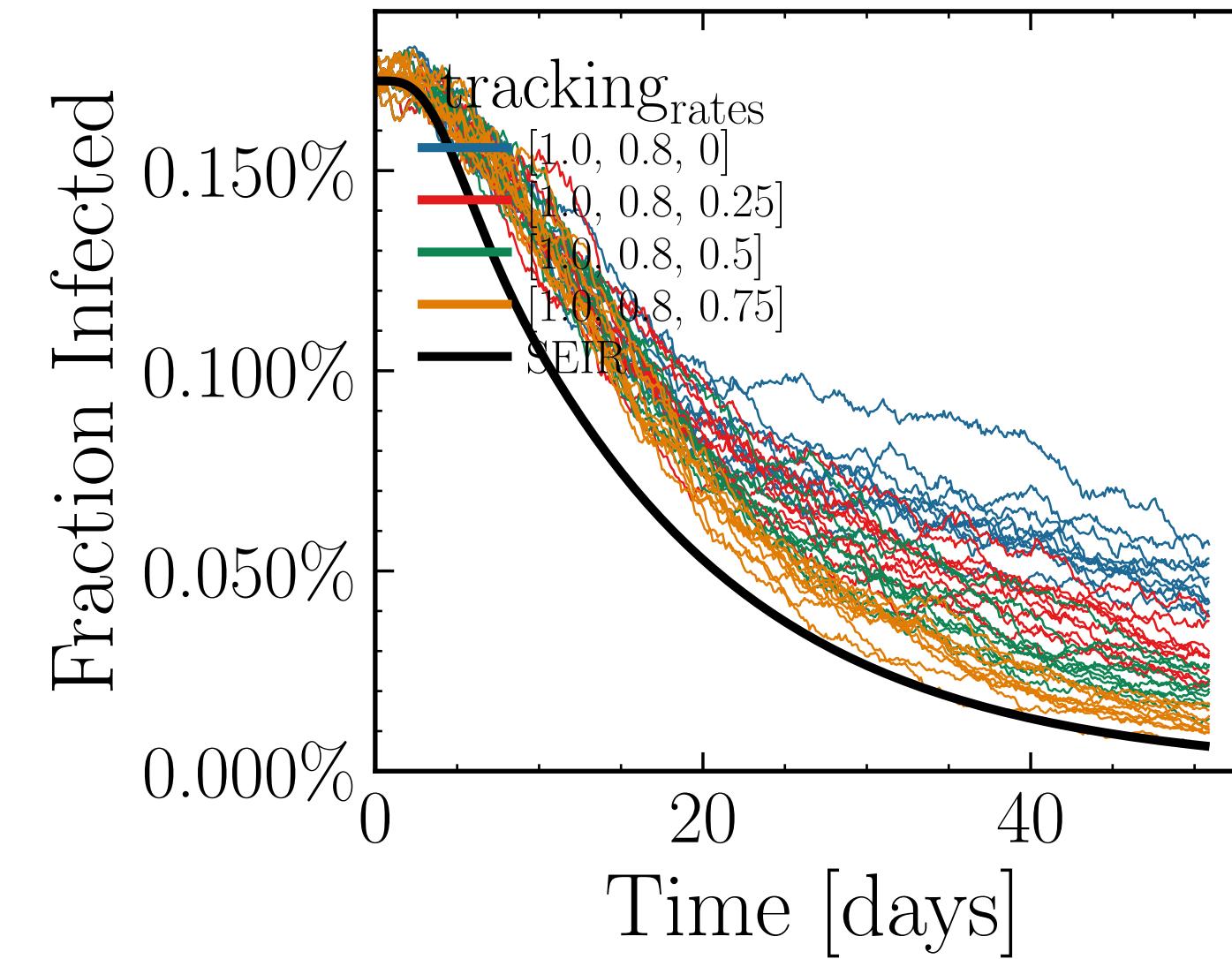


Day: 20, $a = -0.16 \pm 0.02$
Day: 25, $a = -0.27 \pm 0.03$
Day: 30, $a = -0.33 \pm 0.04$
Day: 35, $a = -0.36 \pm 0.04$
Day: 40, $a = -0.40 \pm 0.05$

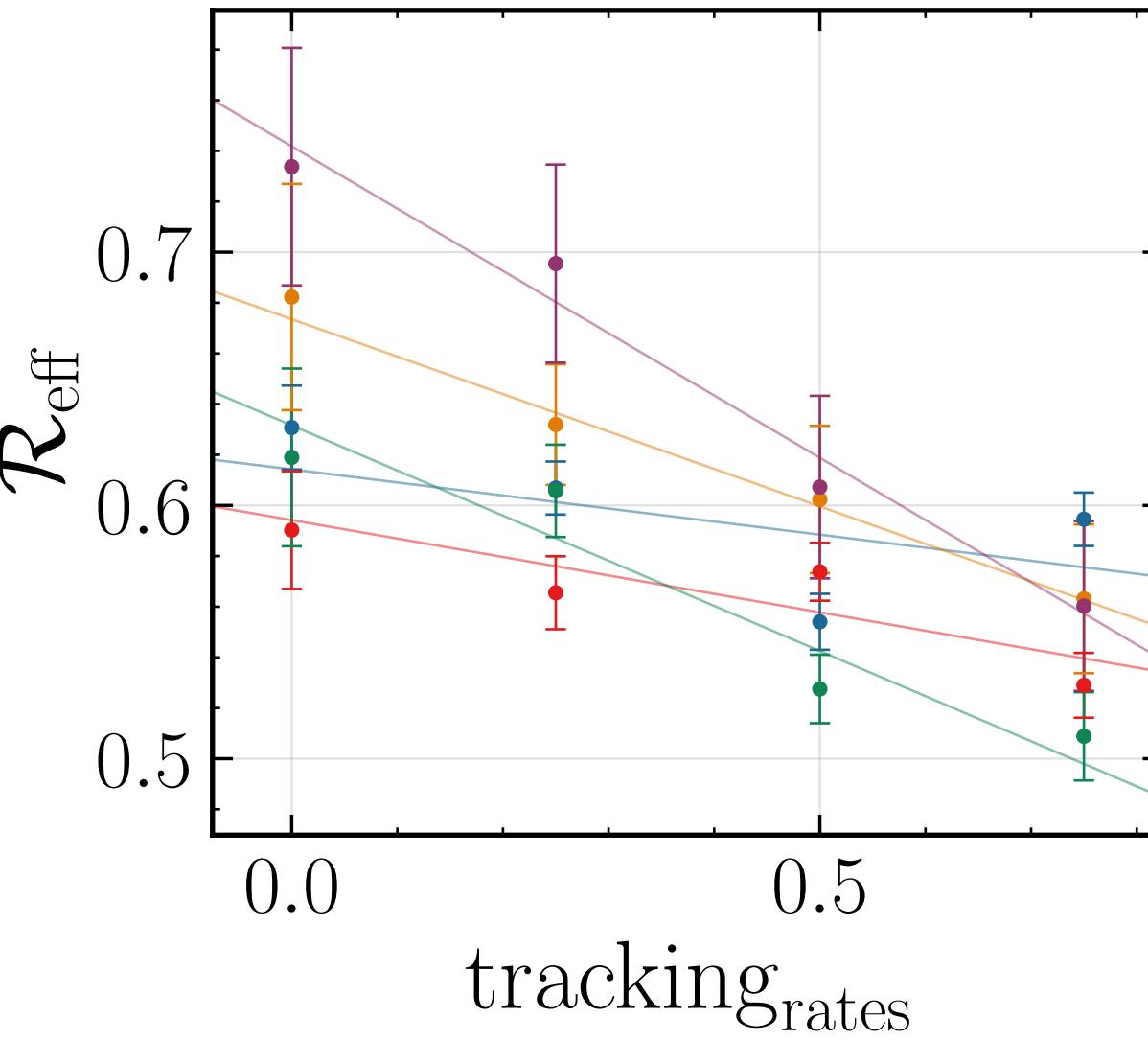
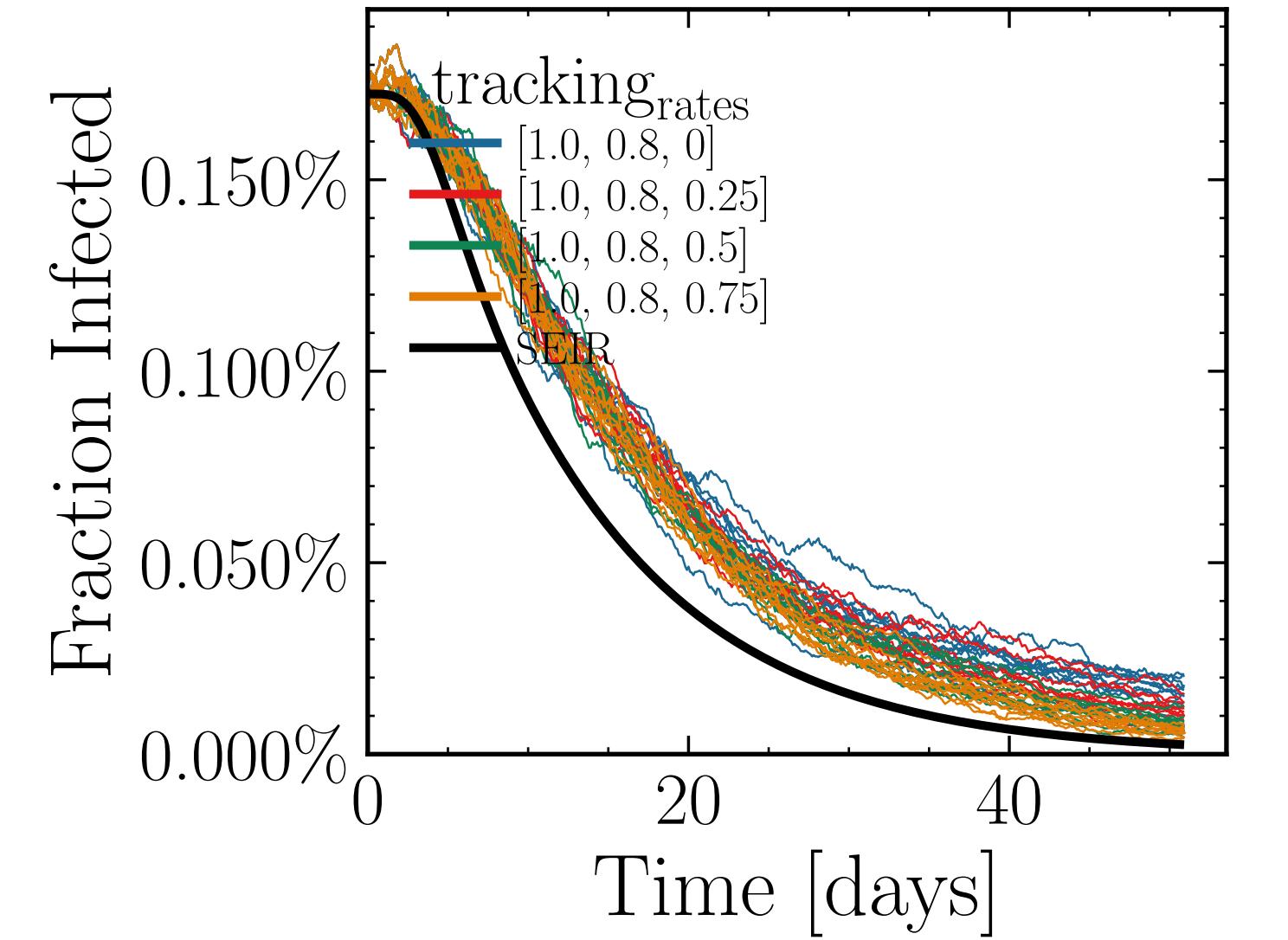
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.492$, $\sigma_\mu = 0.0$, $\beta = 0.0133$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7914$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.18K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.3601$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



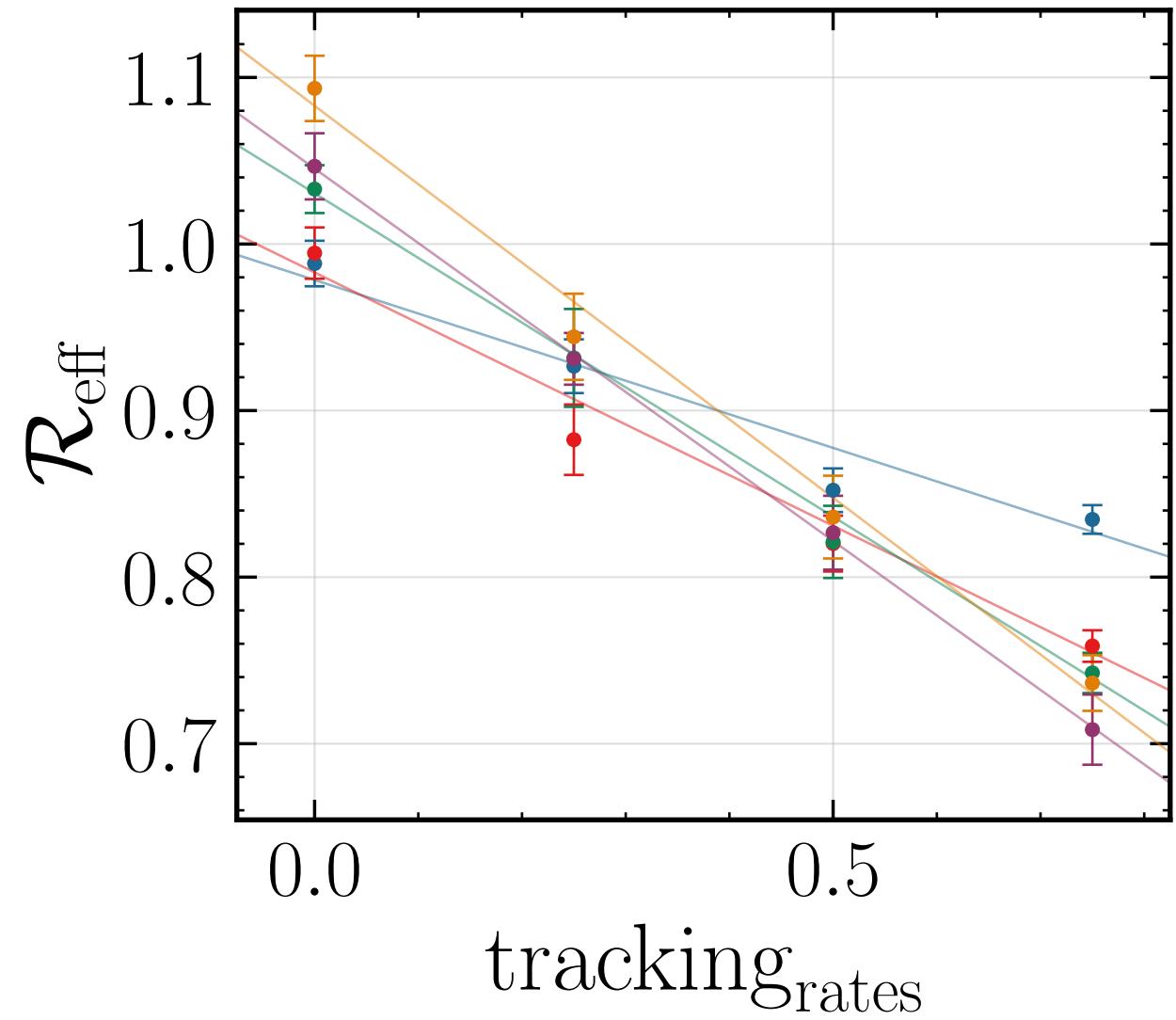
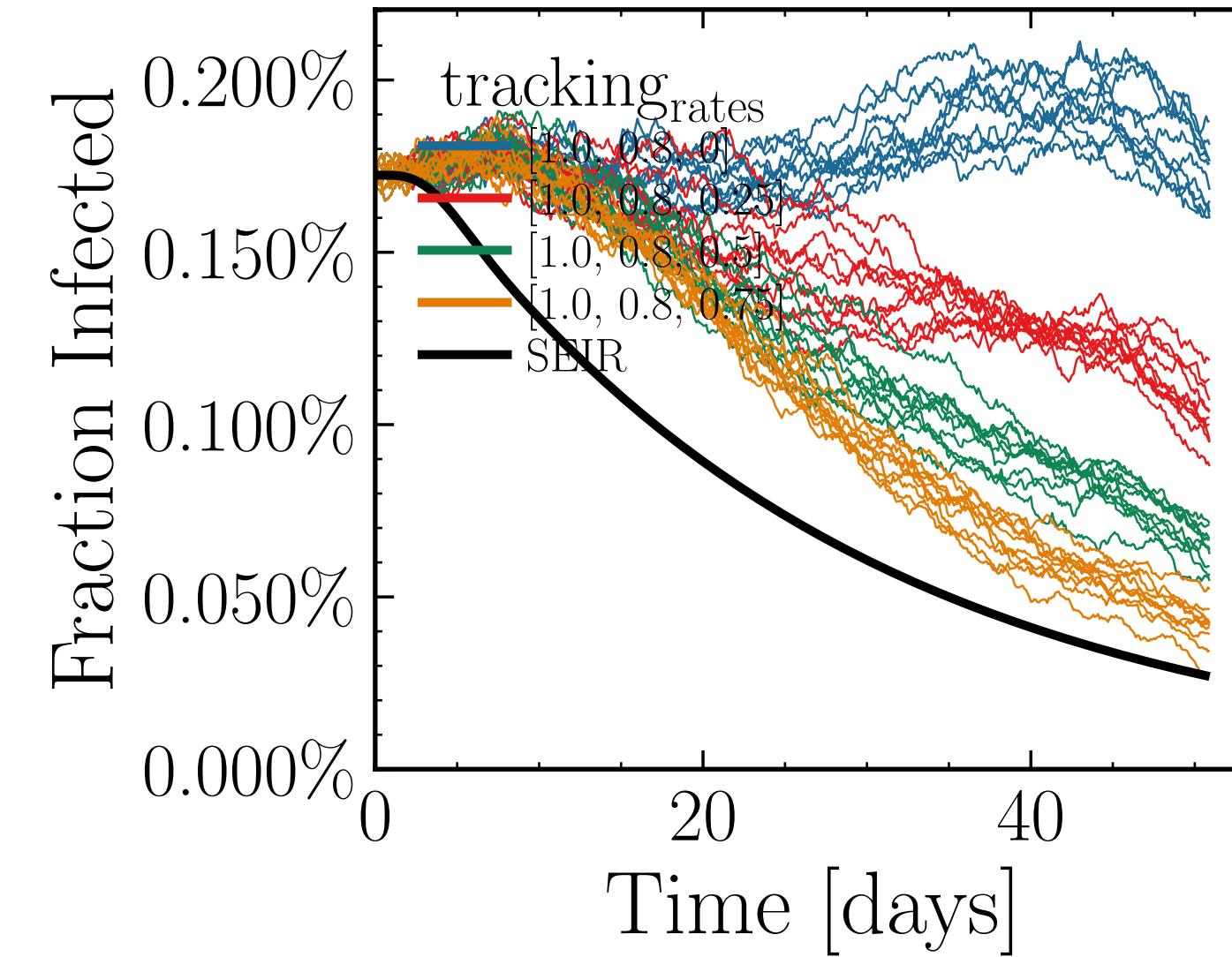
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.8847$, $\sigma_\mu = 0.0$, $\beta = 0.0099$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6639$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.22K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.9308$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



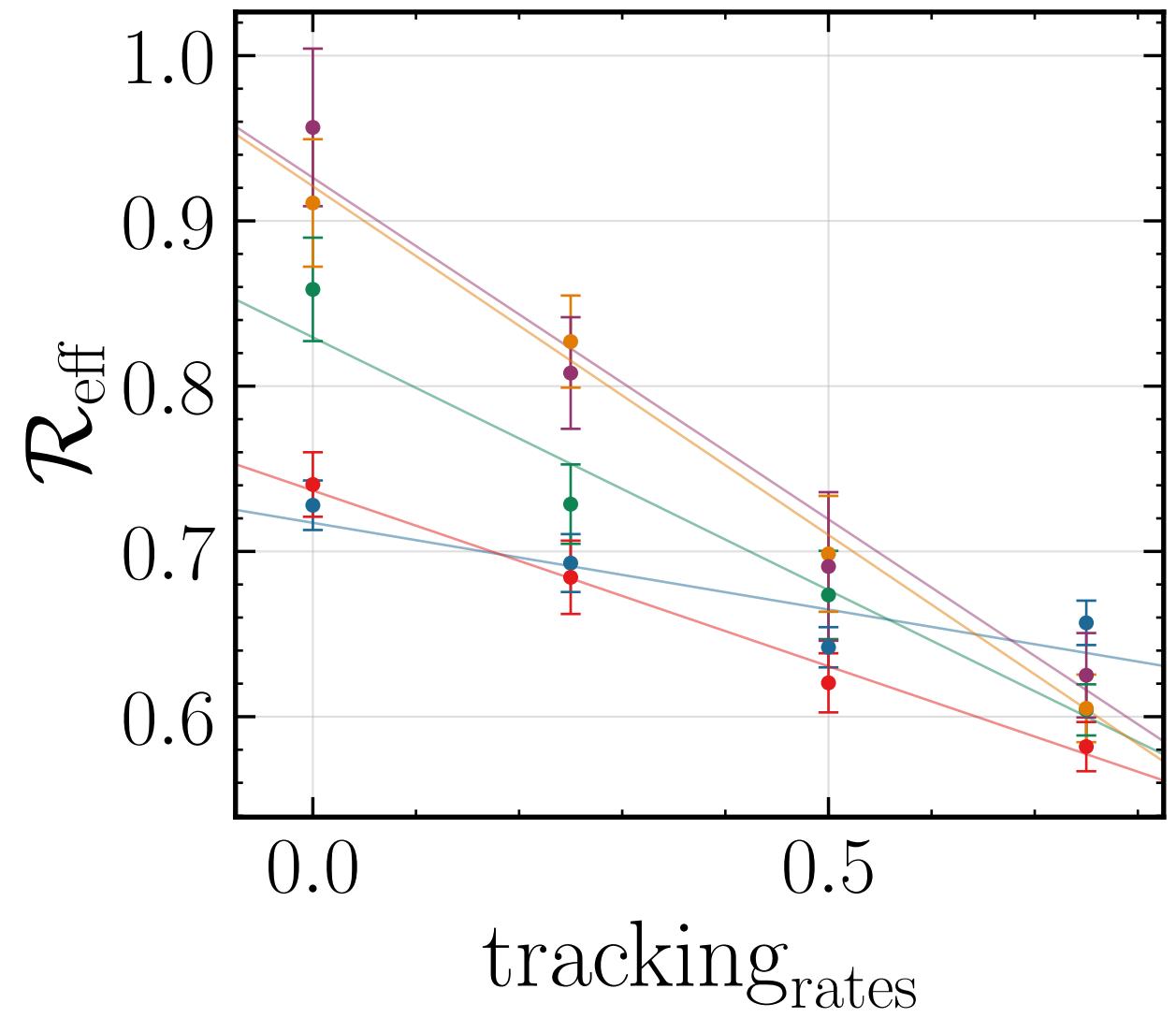
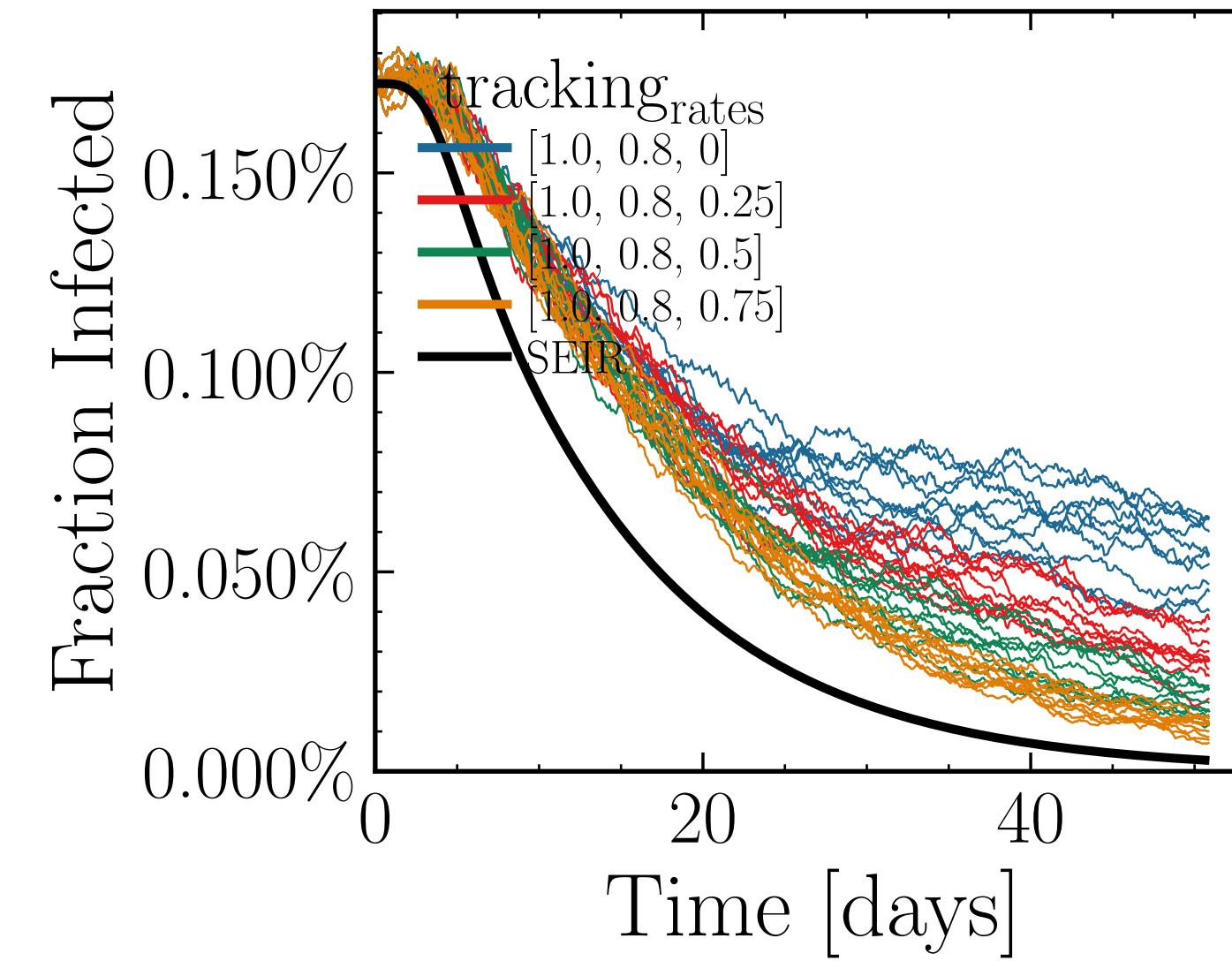
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 13.9651$, $\sigma_\mu = 0.0$, $\beta = 0.0098$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7524$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.19K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.6276$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.2386$, $\sigma_\mu = 0.0$, $\beta = 0.0137$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6426$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.14K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.288$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

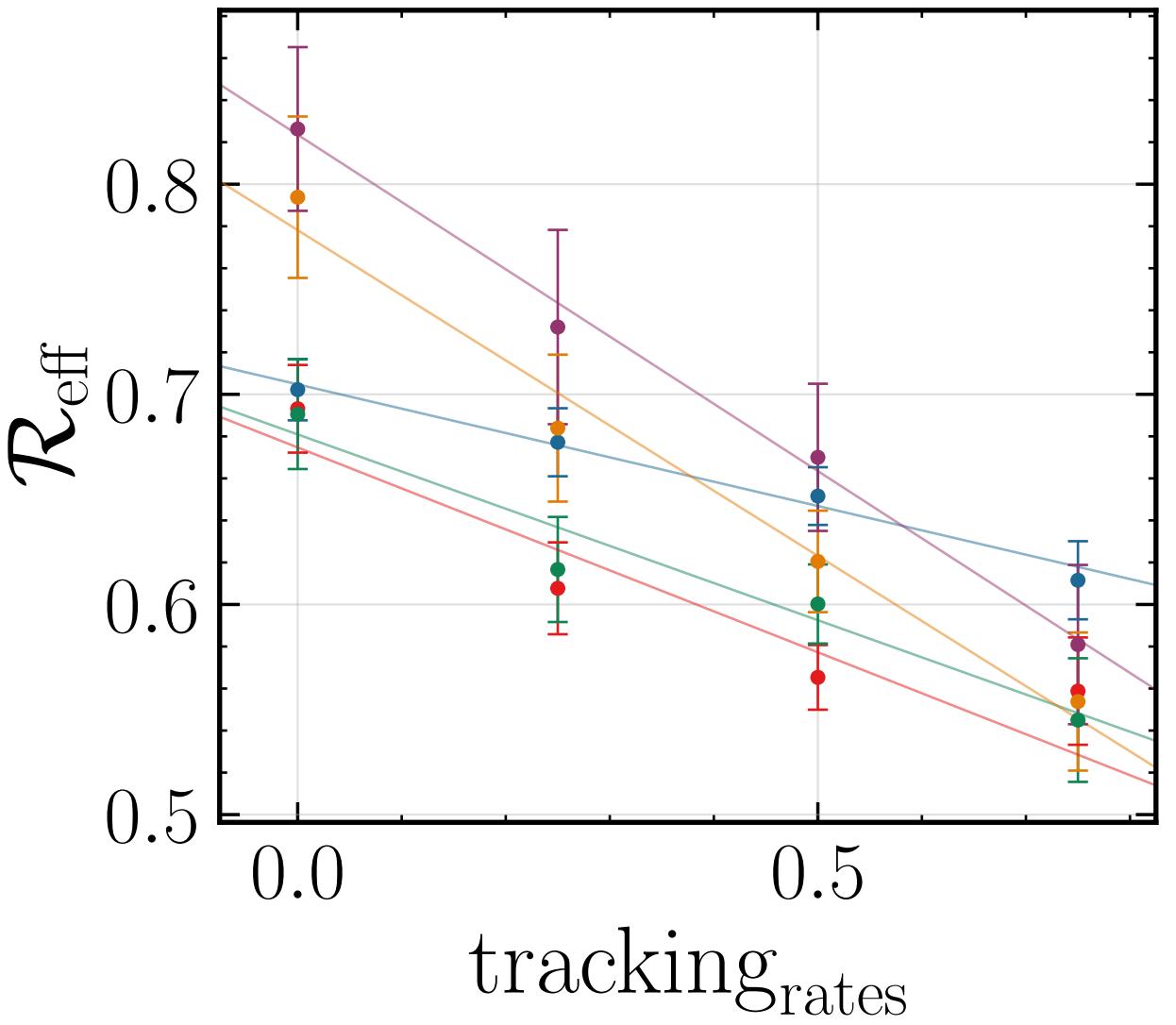
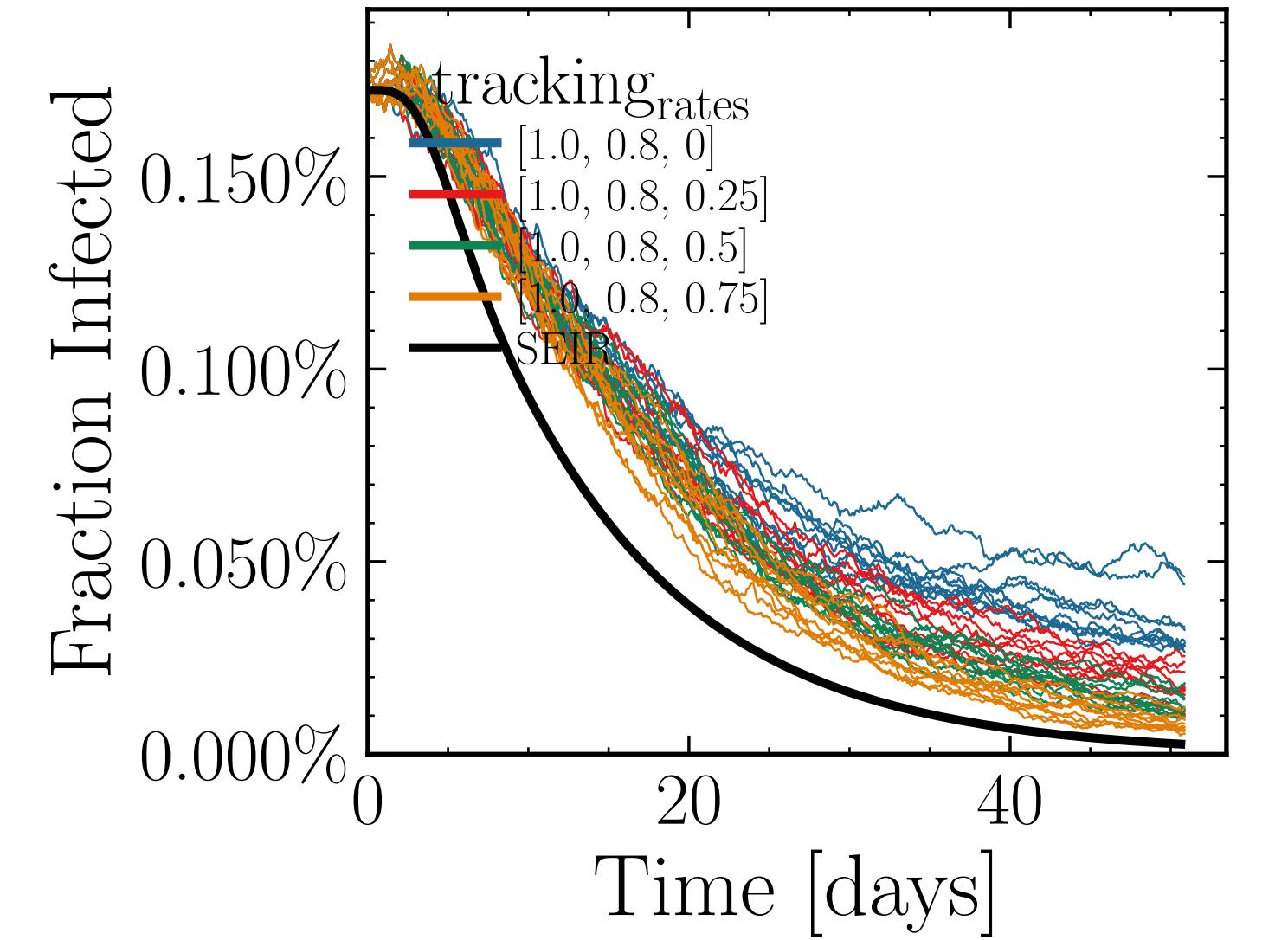


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.8799$, $\sigma_\mu = 0.0$, $\beta = 0.0108$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5534$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.17K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.4321$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

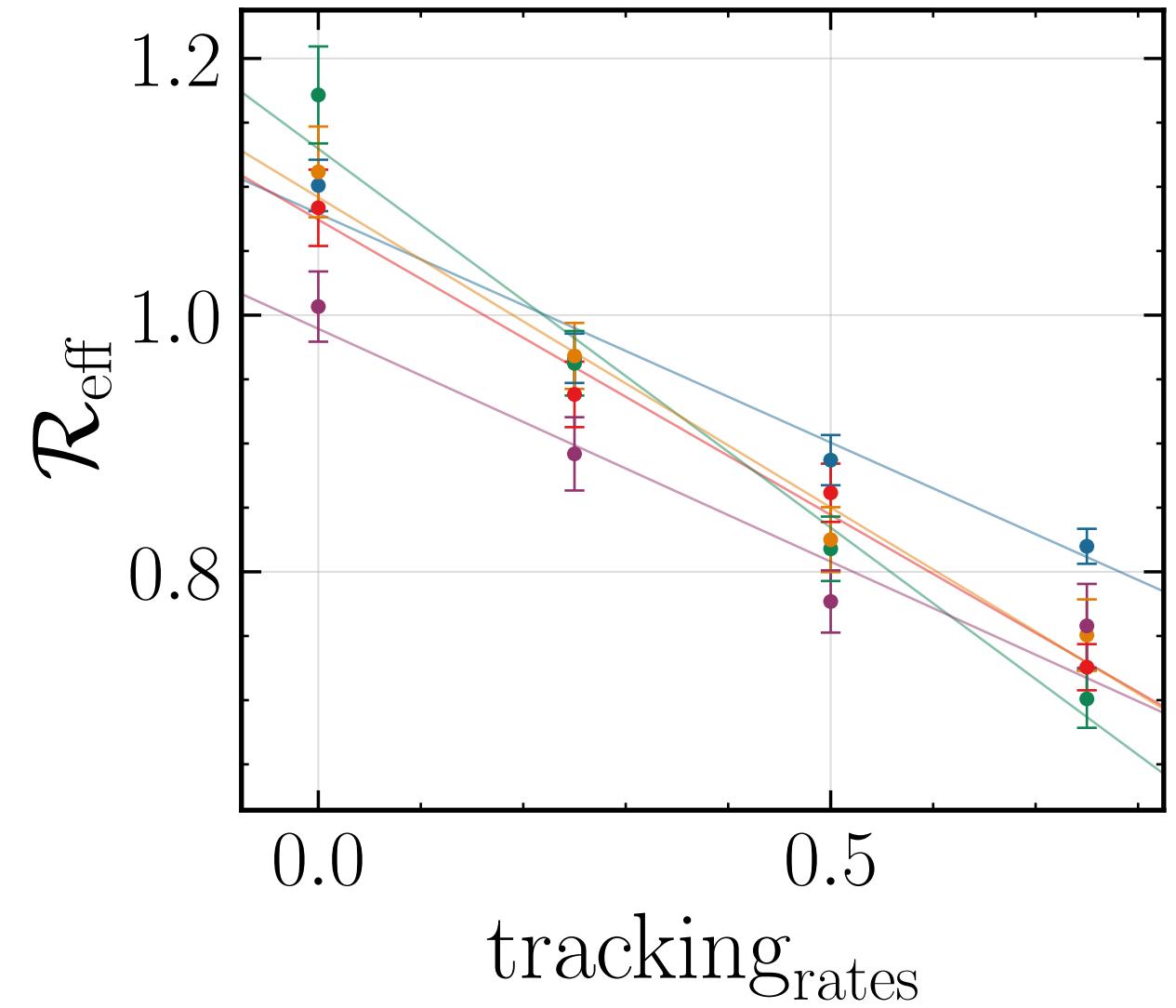
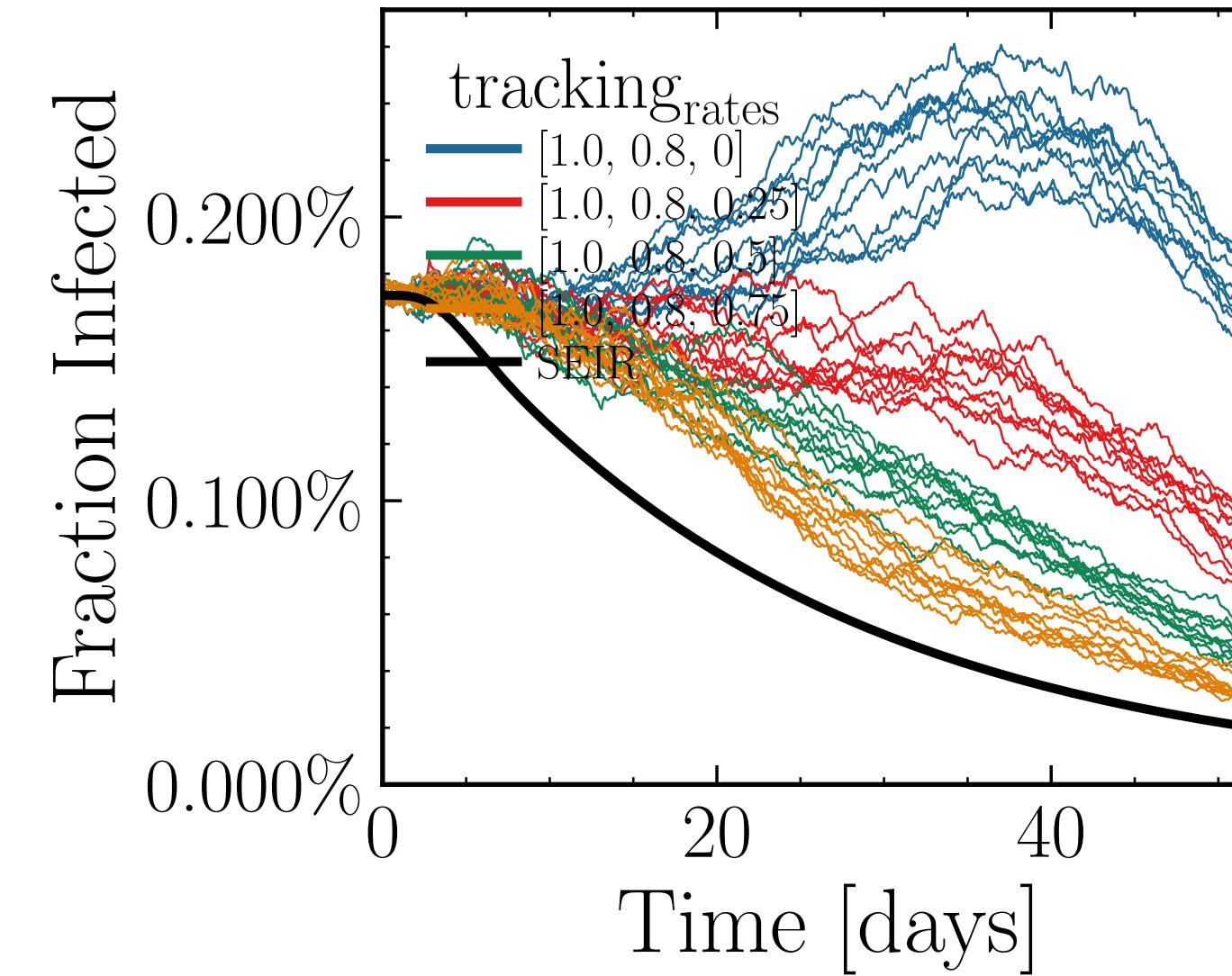


Day: 20, $a = -0.10 \pm 0.03$
 Day: 25, $a = -0.21 \pm 0.03$
 Day: 30, $a = -0.31 \pm 0.04$
 Day: 35, $a = -0.42 \pm 0.05$
 Day: 40, $a = -0.41 \pm 0.06$

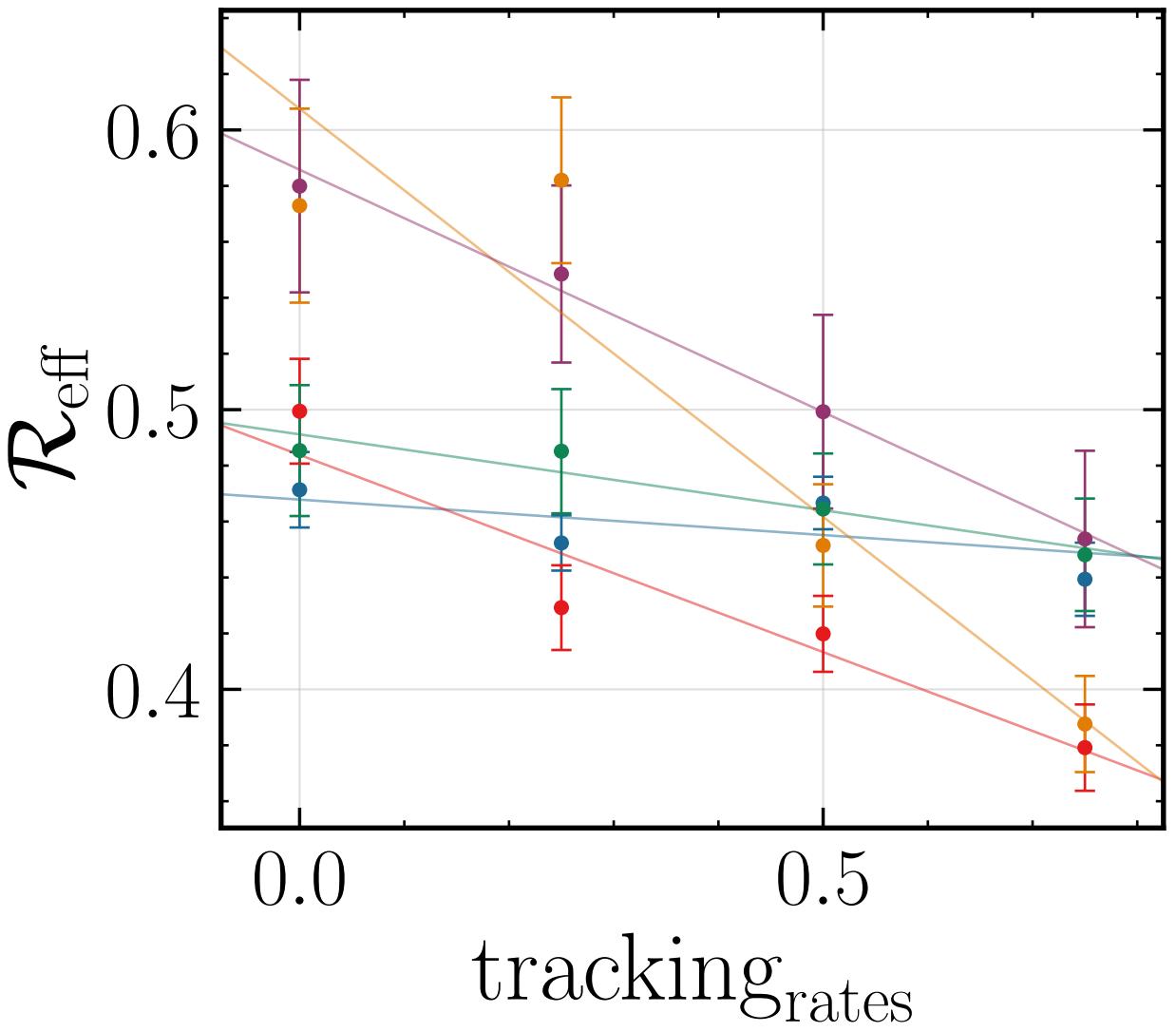
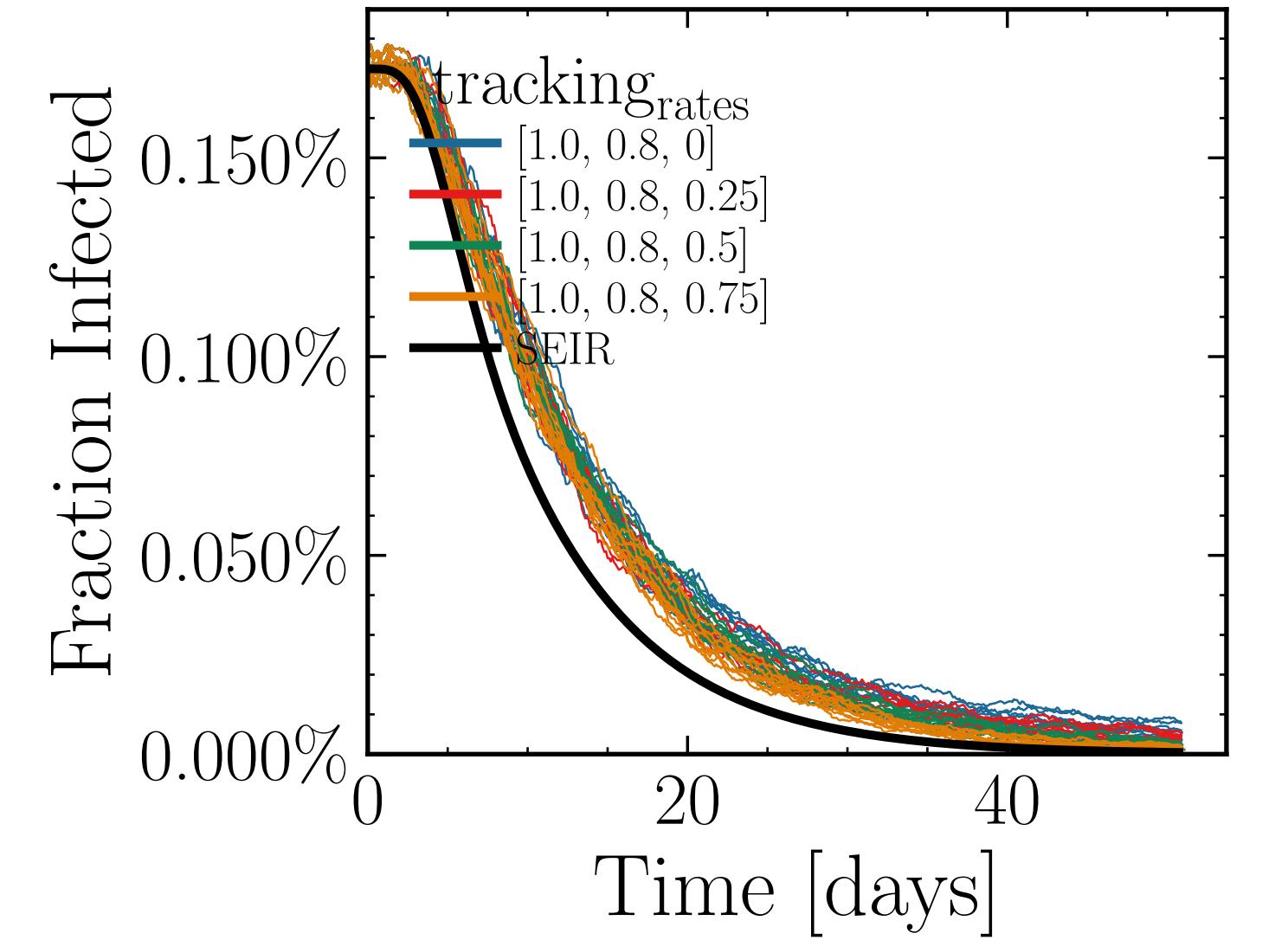
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.9828$, $\sigma_\mu = 0.0$, $\beta = 0.0106$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.628$, $N_{\text{contacts max}} = 0$
 $N_{\text{events}} = 3.09K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.2709, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



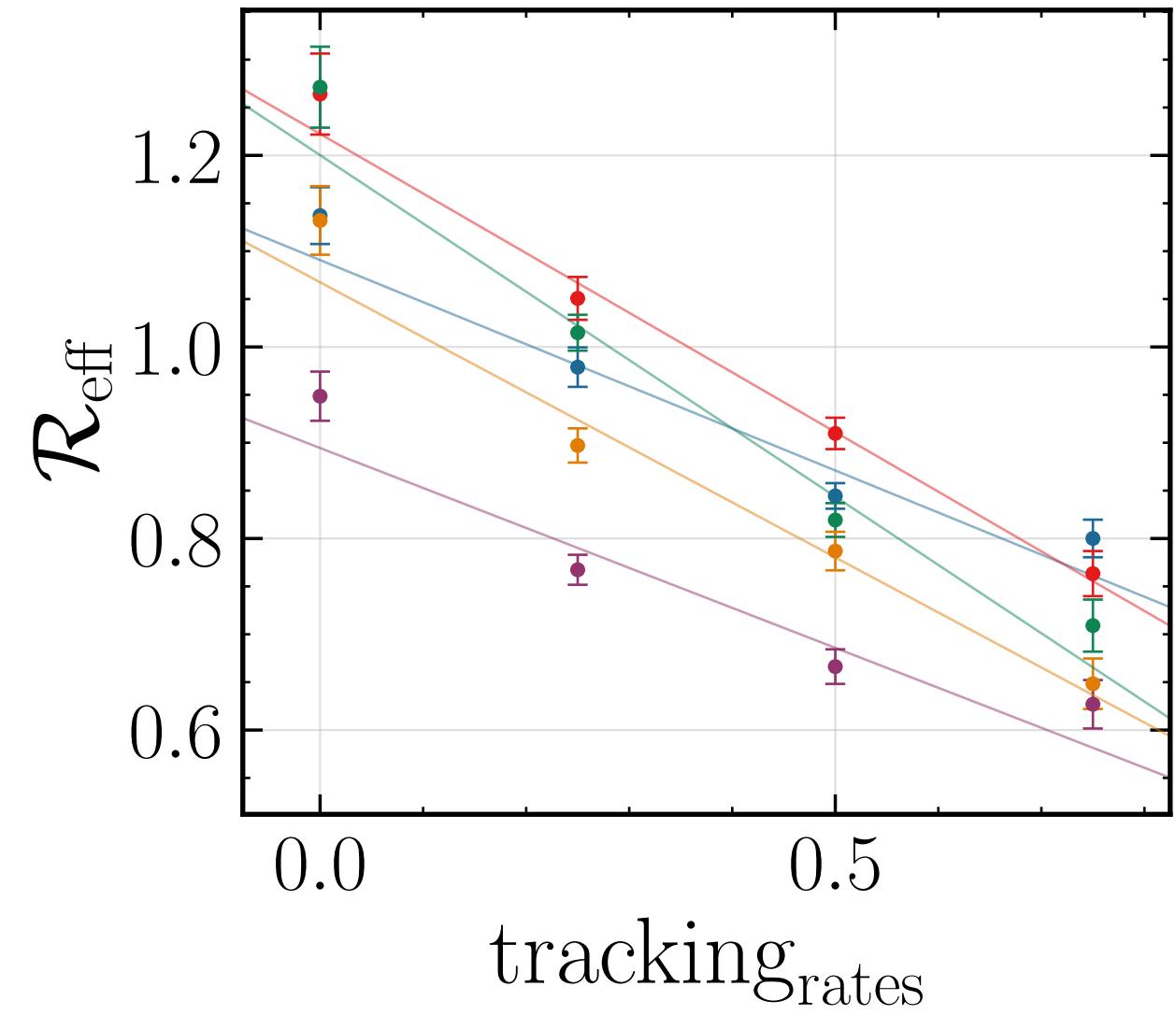
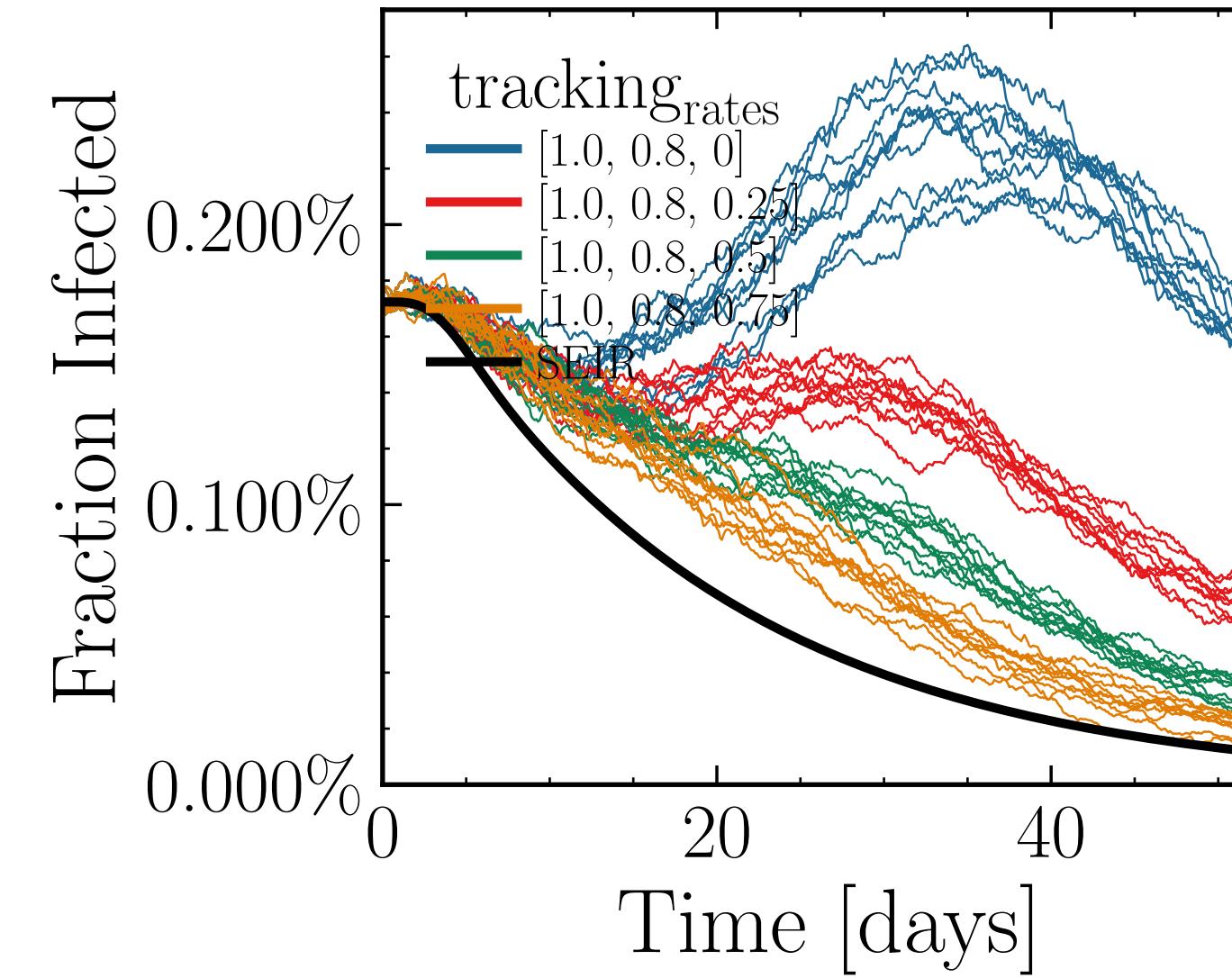
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.521$, $\sigma_\mu = 0.0$, $\beta = 0.0114$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5726$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.15K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.3064$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.6249$, $\sigma_\mu = 0.0$, $\beta = 0.0089$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6462$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.44K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.7363$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

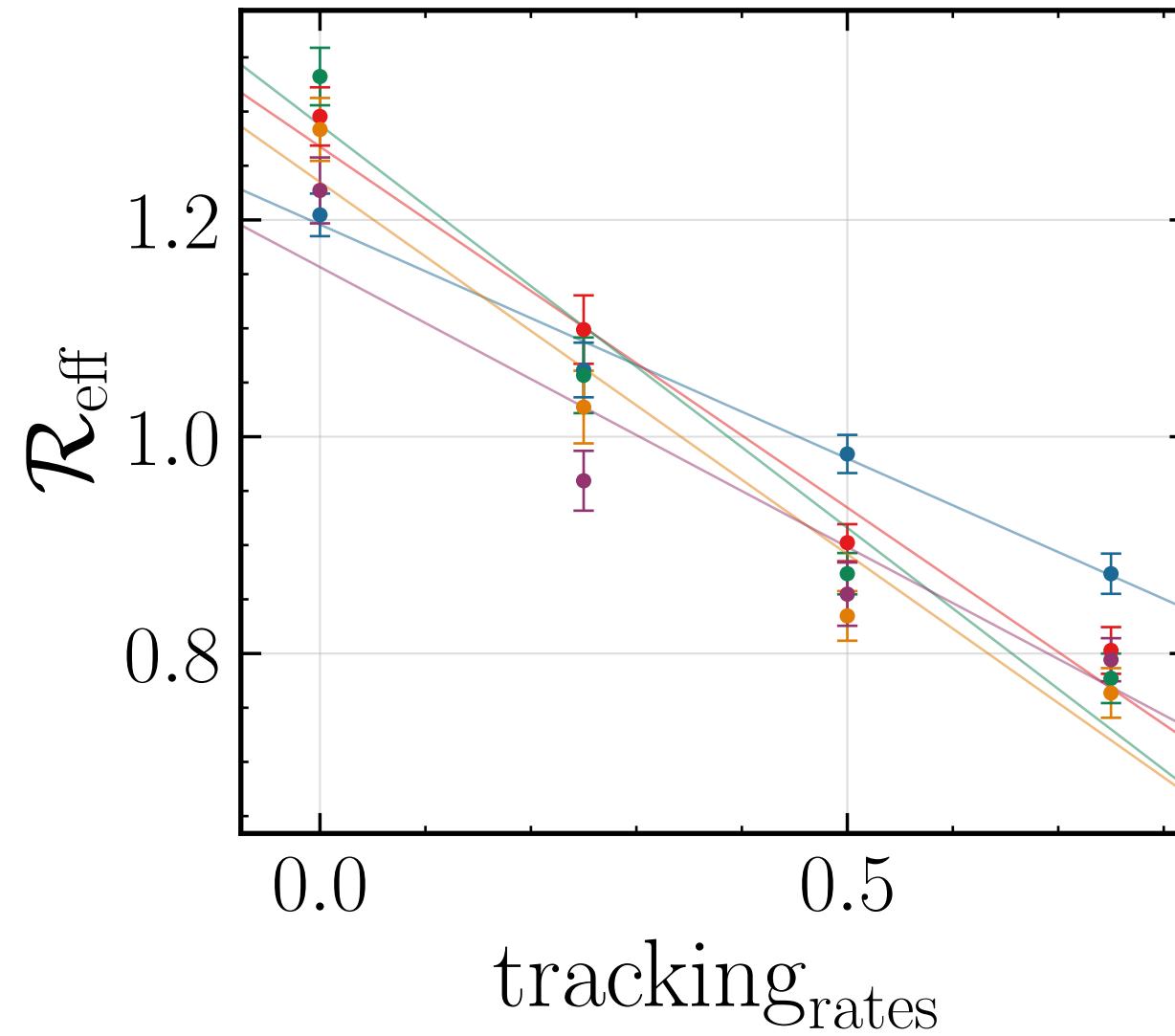
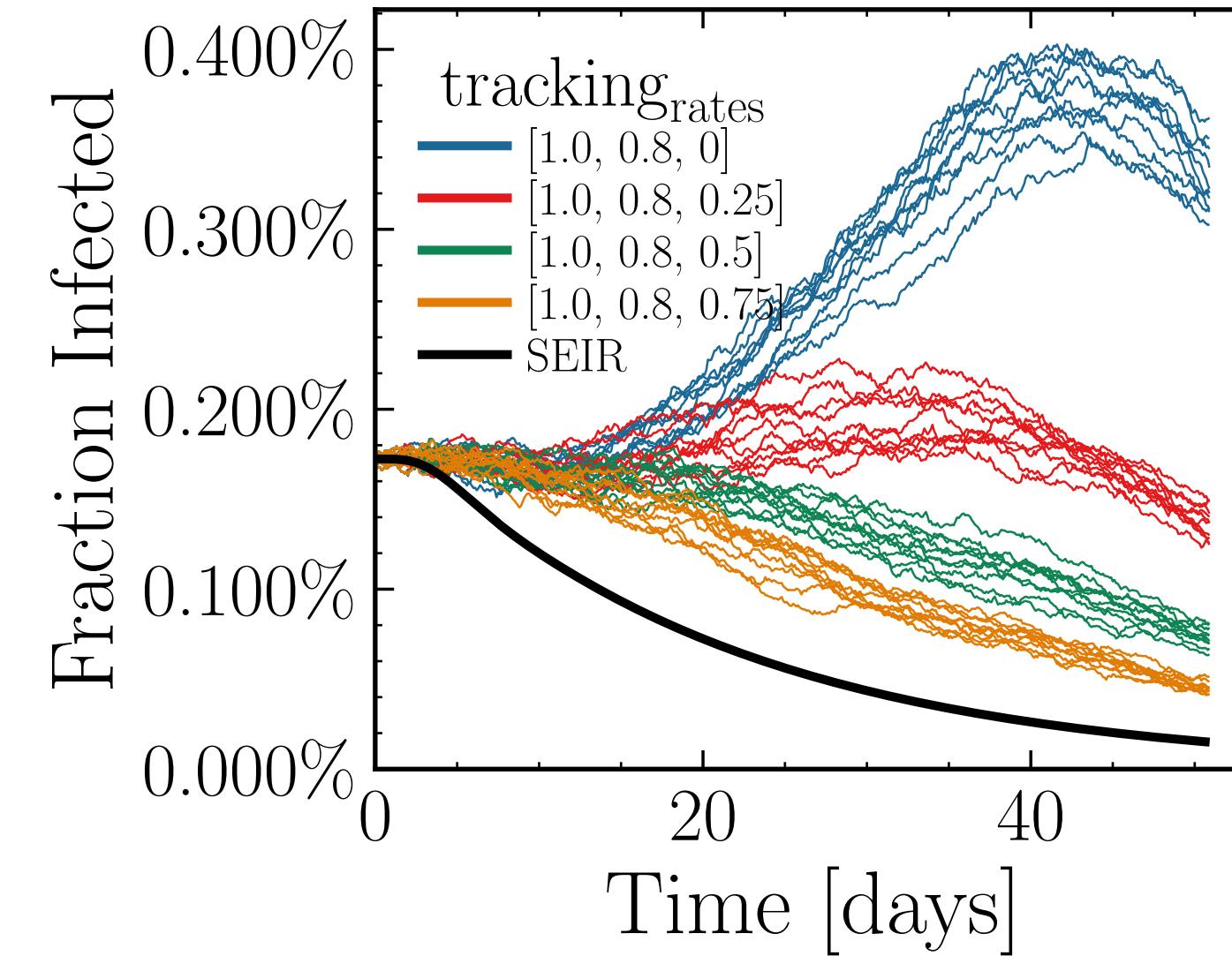


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.8404$, $\sigma_\mu = 0.0$, $\beta = 0.0088$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5041$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.01K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.1945$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



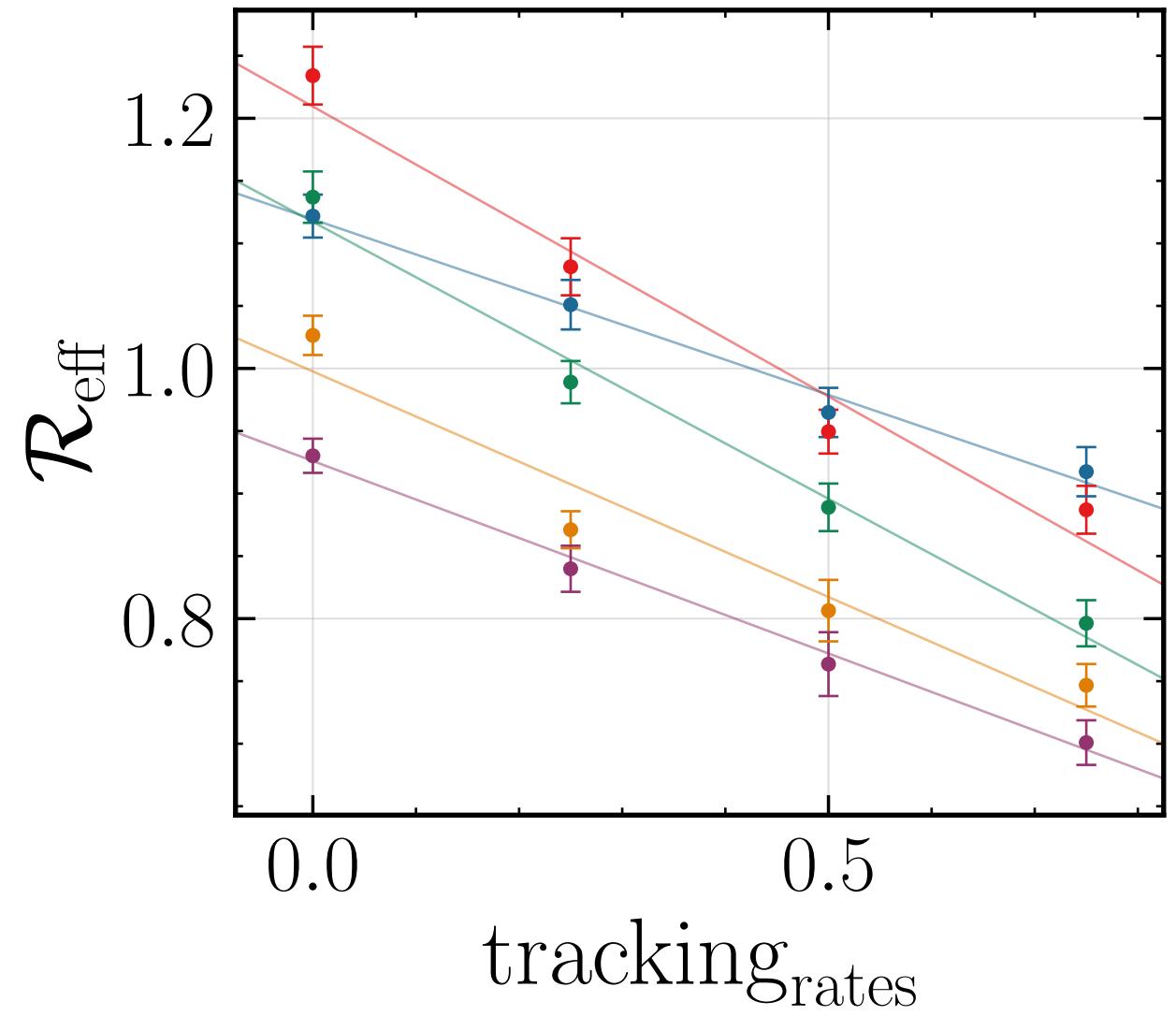
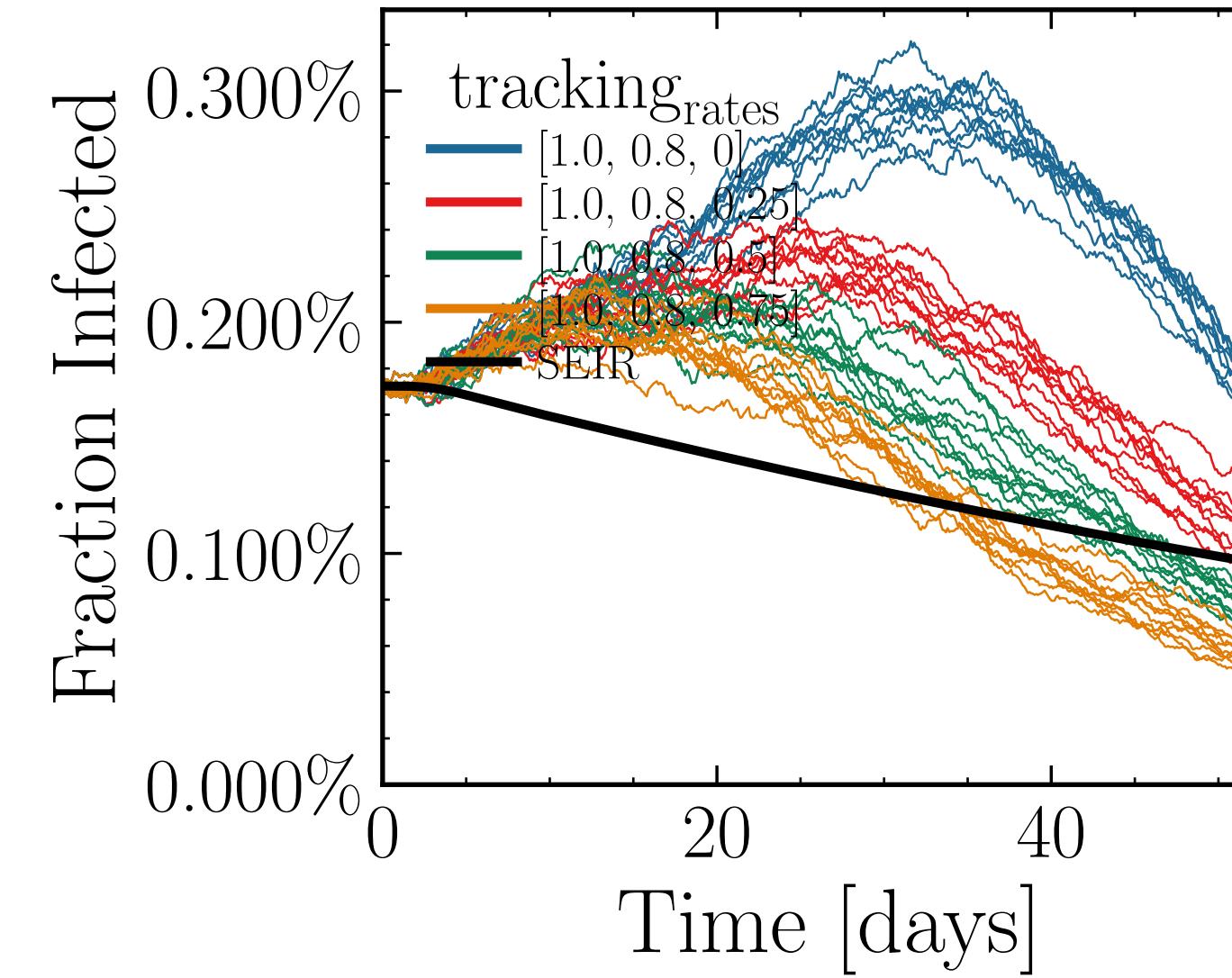
| |
|-------------------------------|
| Day: 20, $a = -0.44 \pm 0.04$ |
| Day: 25, $a = -0.62 \pm 0.05$ |
| Day: 30, $a = -0.71 \pm 0.05$ |
| Day: 35, $a = -0.57 \pm 0.05$ |
| Day: 40, $a = -0.42 \pm 0.04$ |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.114$, $\sigma_\mu = 0.0$, $\beta = 0.0127$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.456$, $N_{\text{contacts max}} = 0$
 $N_{\text{events}} = 3.71K$, event_size_max = 10, event_size_mean = 4.7299, event_beta_scaling = 5.0, event_weekend_multiplier = 2.0
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

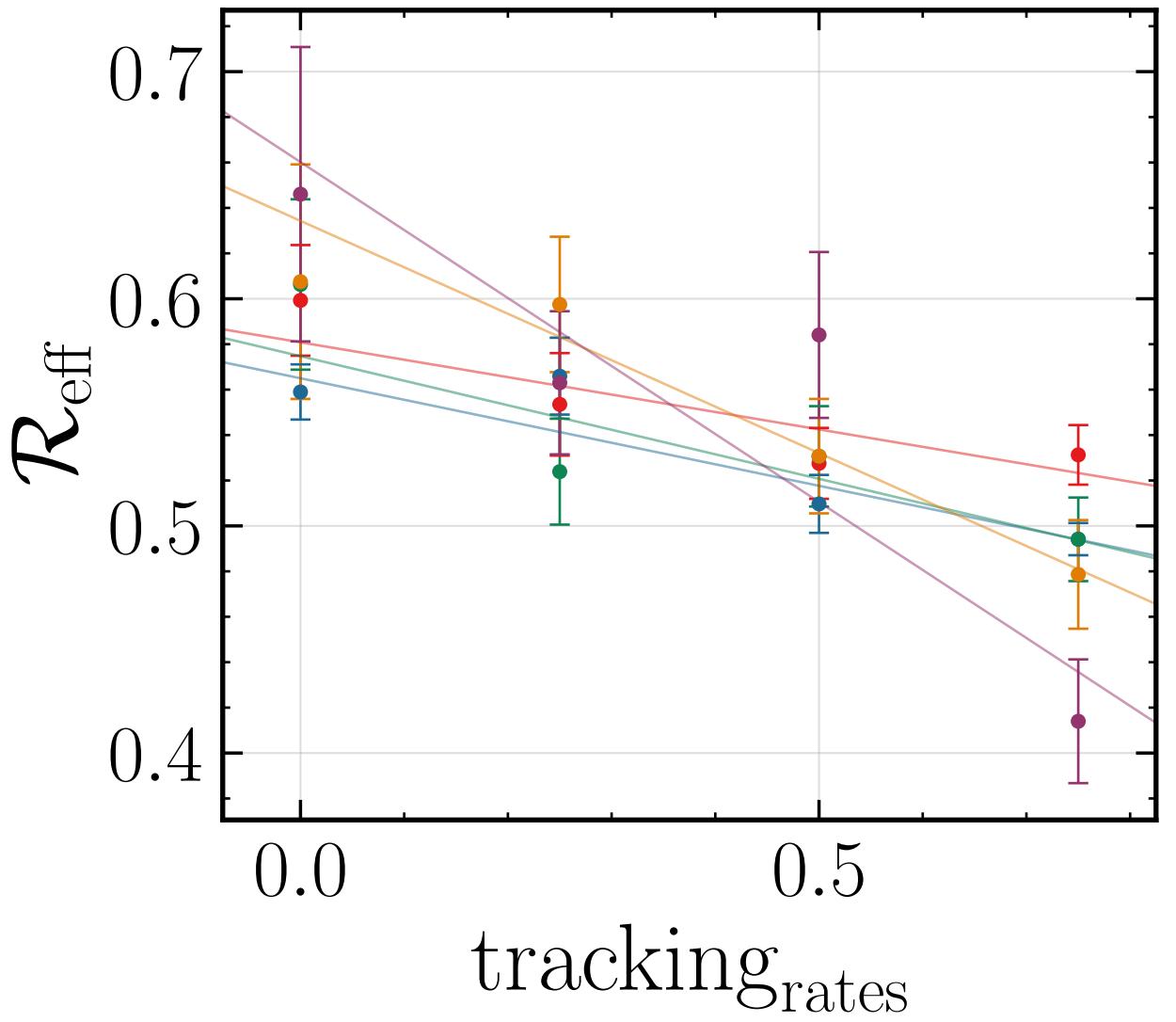
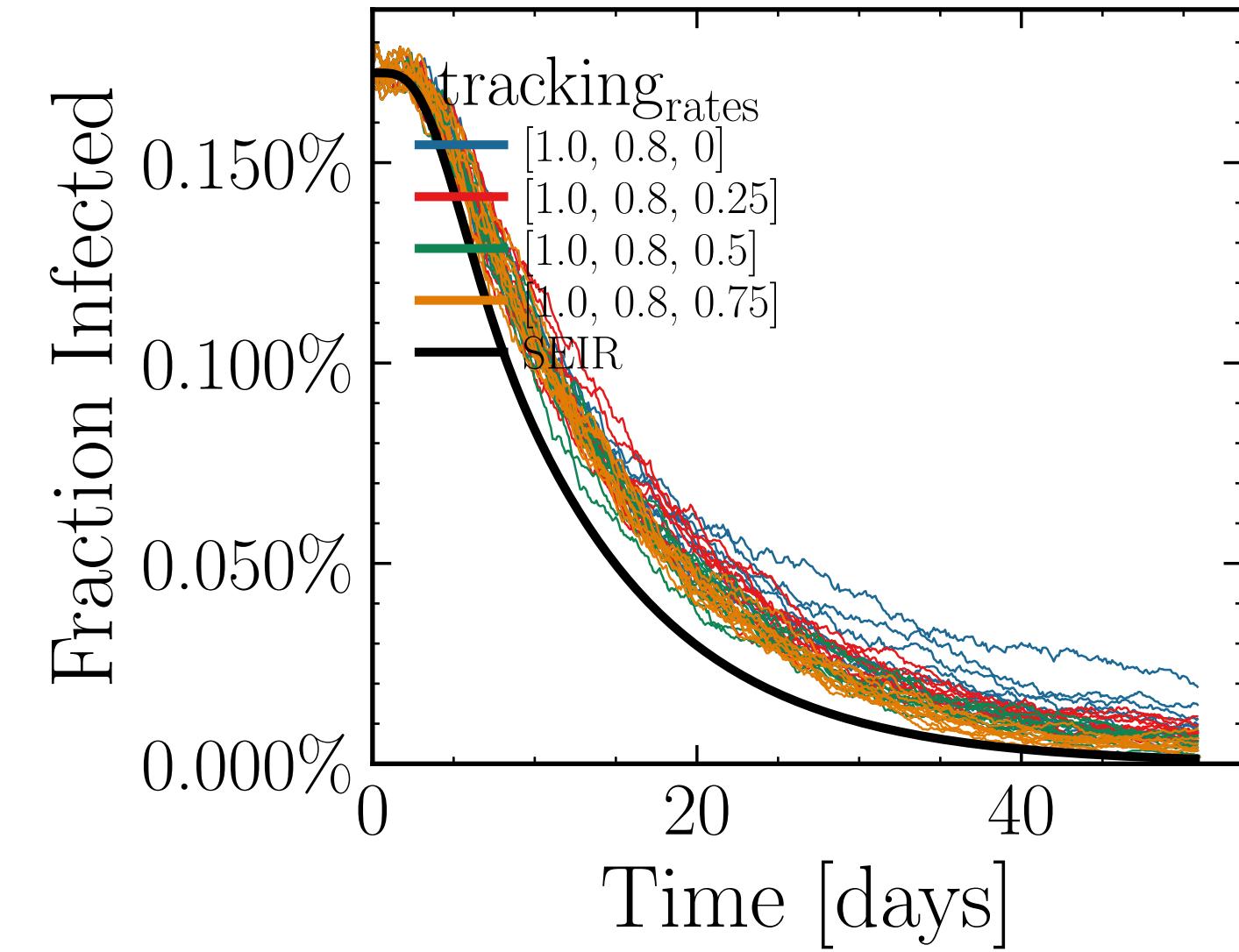


| |
|-------------------------|
| Day: 20, a=-0.43 ± 0.03 |
| Day: 25, a=-0.67 ± 0.04 |
| Day: 30, a=-0.74 ± 0.04 |
| Day: 35, a=-0.69 ± 0.05 |
| Day: 40, a=-0.52 ± 0.04 |

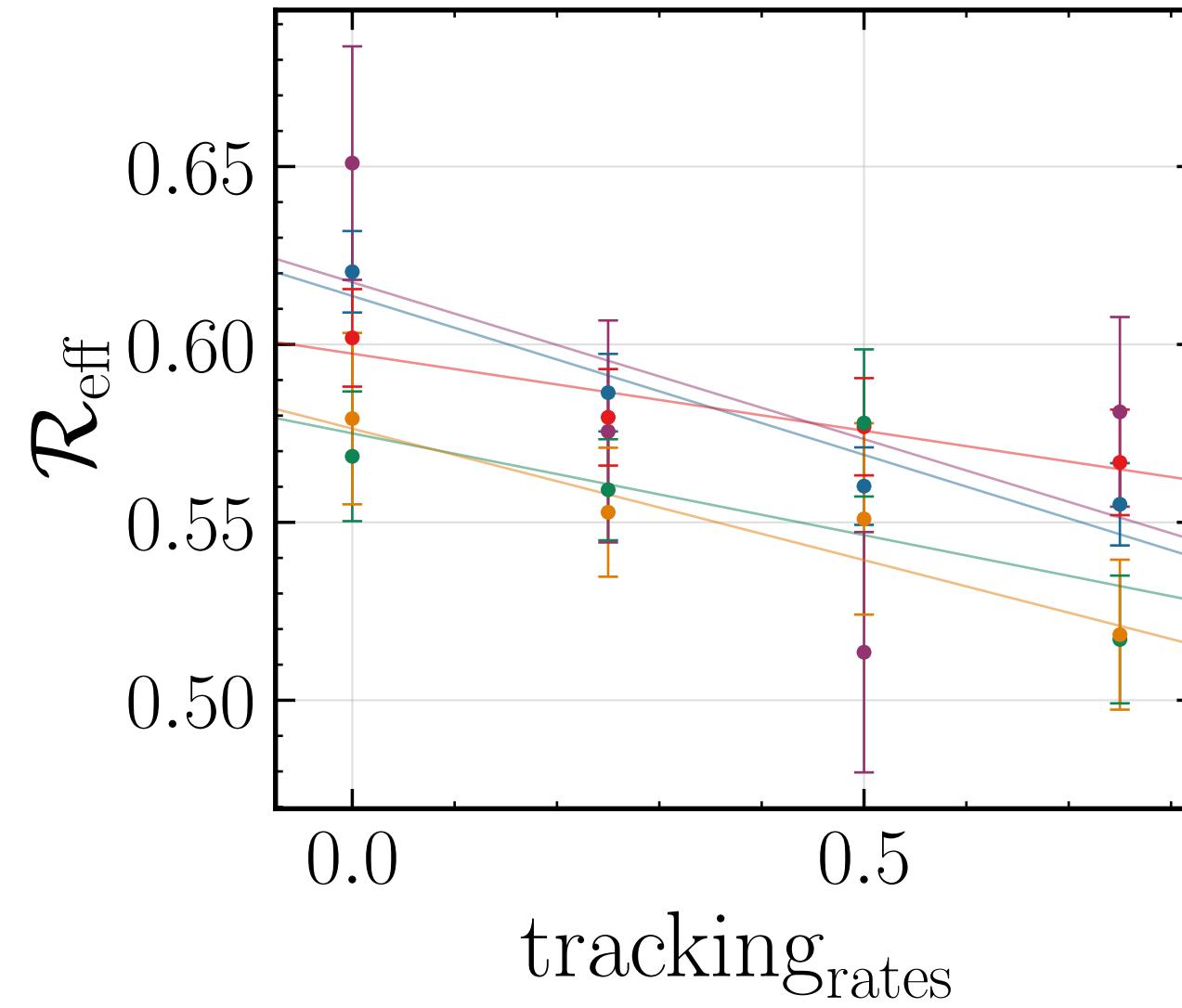
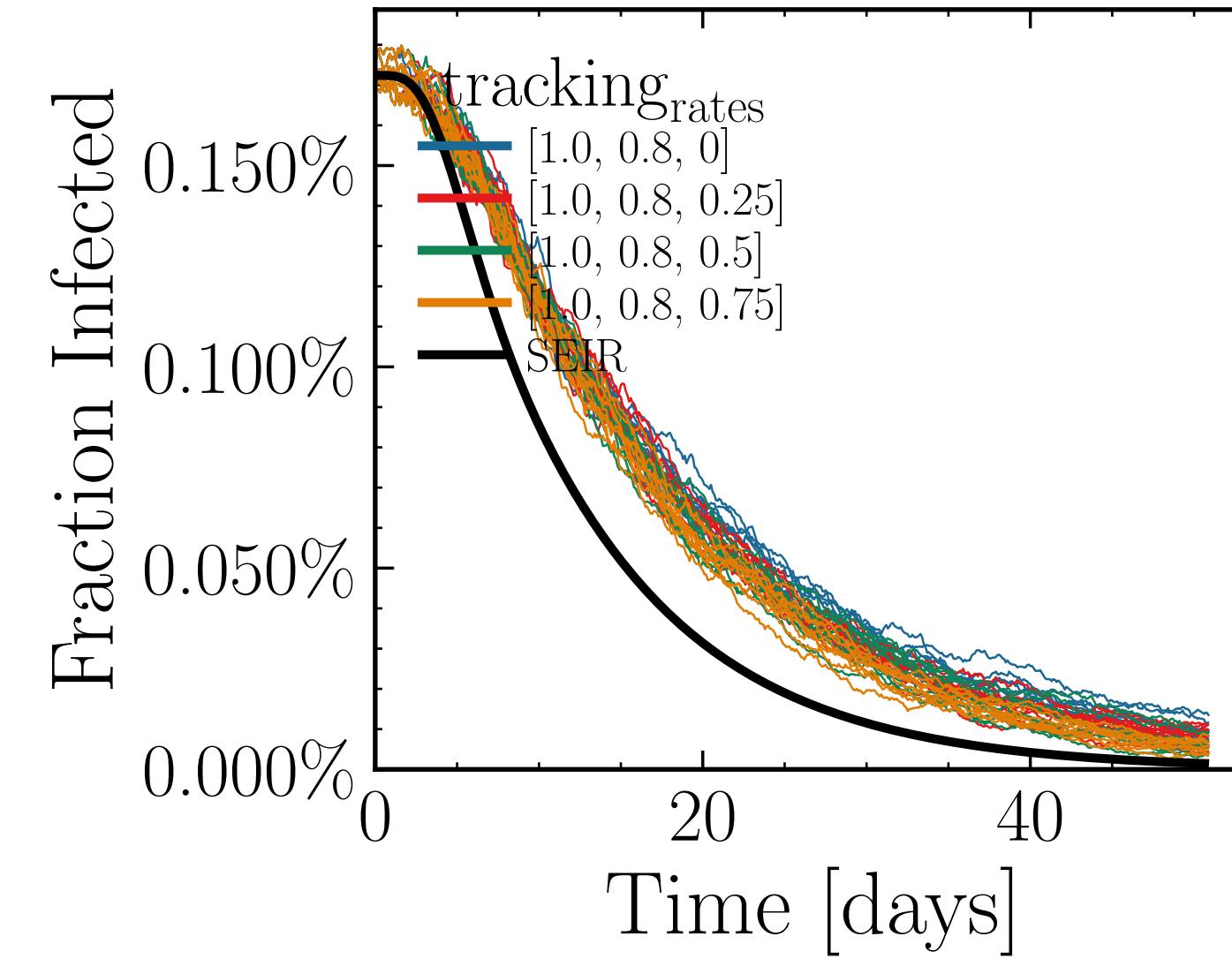
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.1948$, $\sigma_\mu = 0.0$, $\beta = 0.0122$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6857$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.78K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.2005$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.5354$, $\sigma_\mu = 0.0$, $\beta = 0.0084$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6888$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.81K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.3949$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

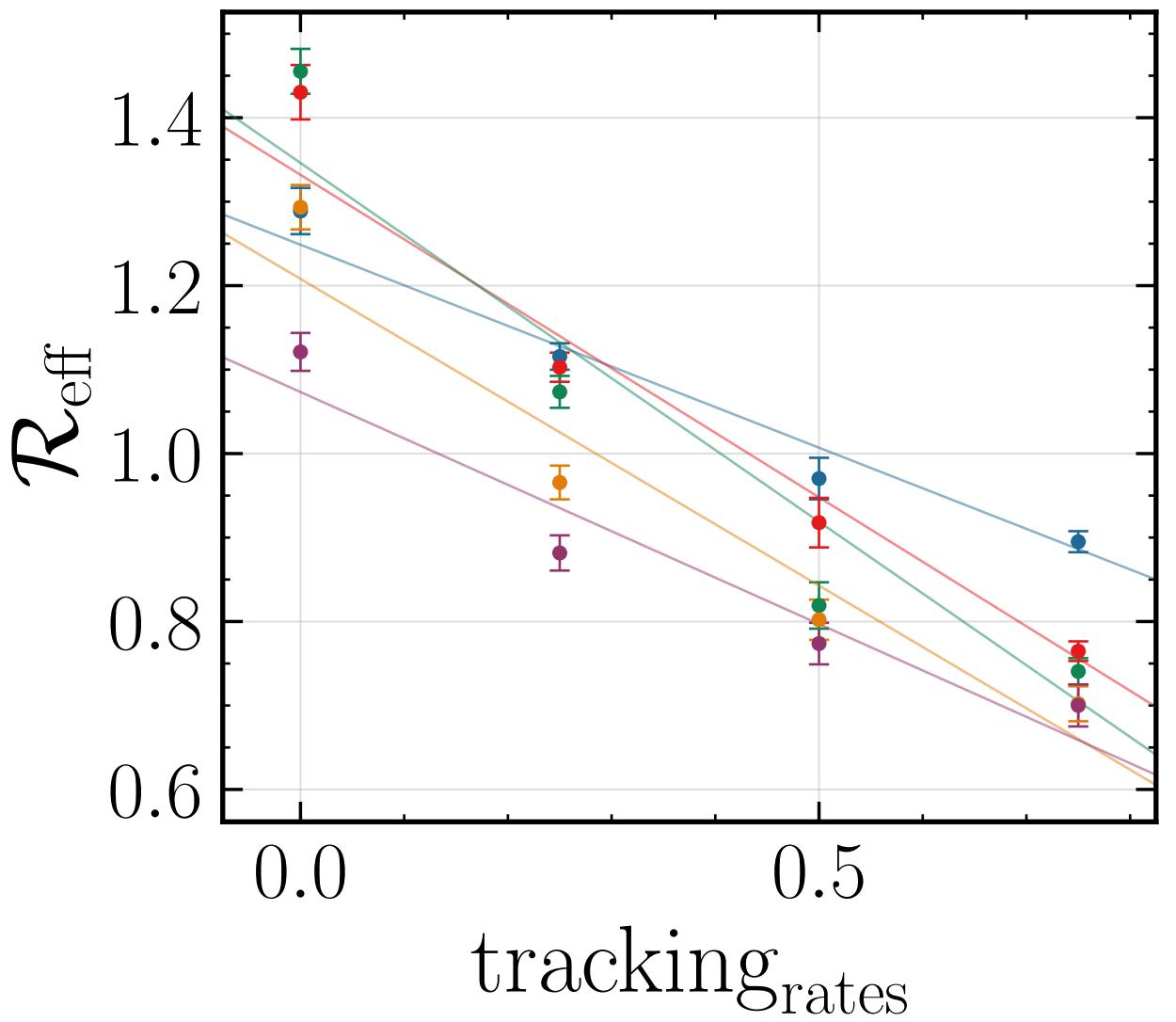
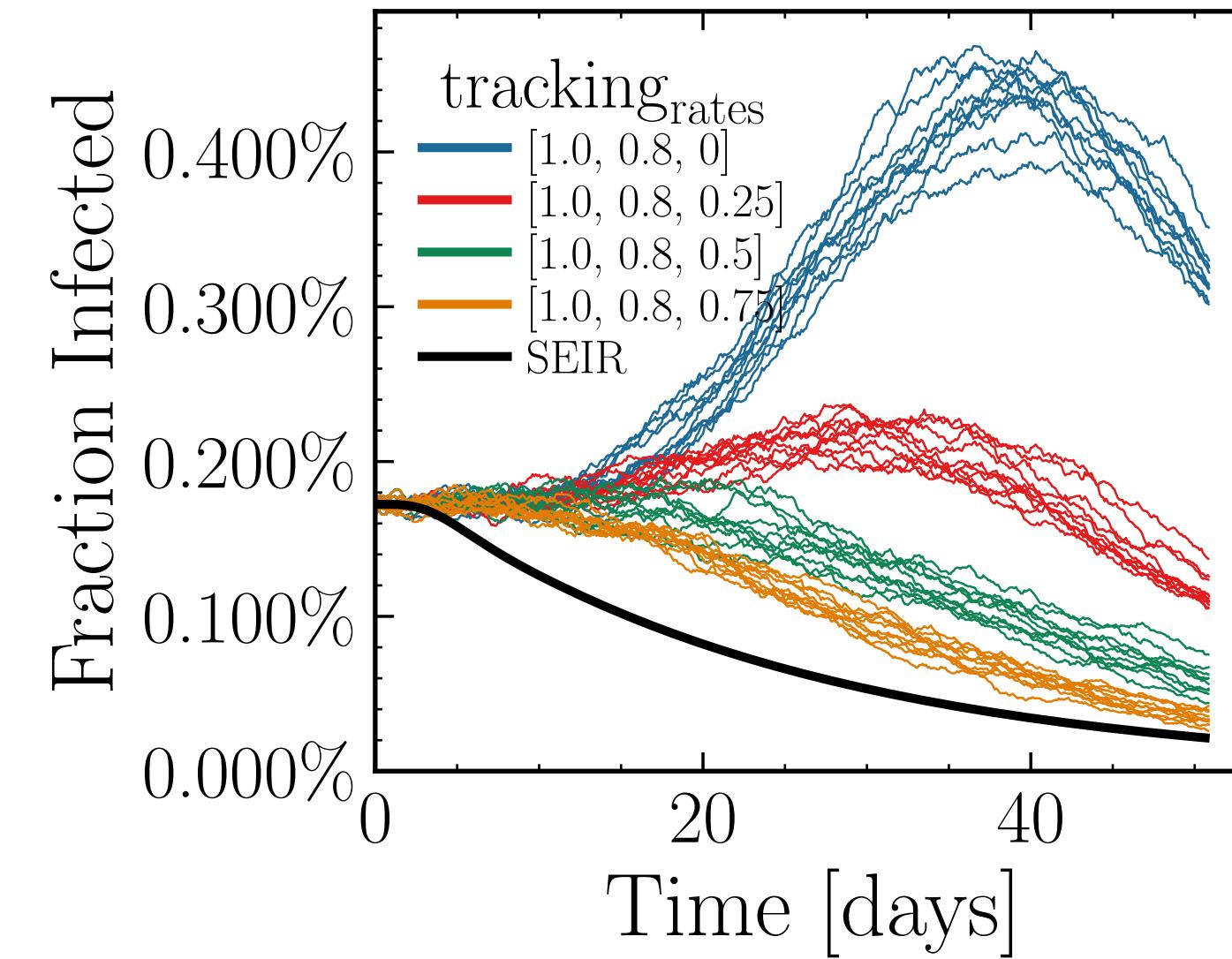


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.3074$, $\sigma_\mu = 0.0$, $\beta = 0.0102$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.706$, $N_{\text{contacts max}} = 0$
 $N_{\text{events}} = 3.92K$, event_size_max = 10, event_size_mean = 3.0333, event_beta_scaling = 5.0, event_weekend_multiplier = 2.0
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



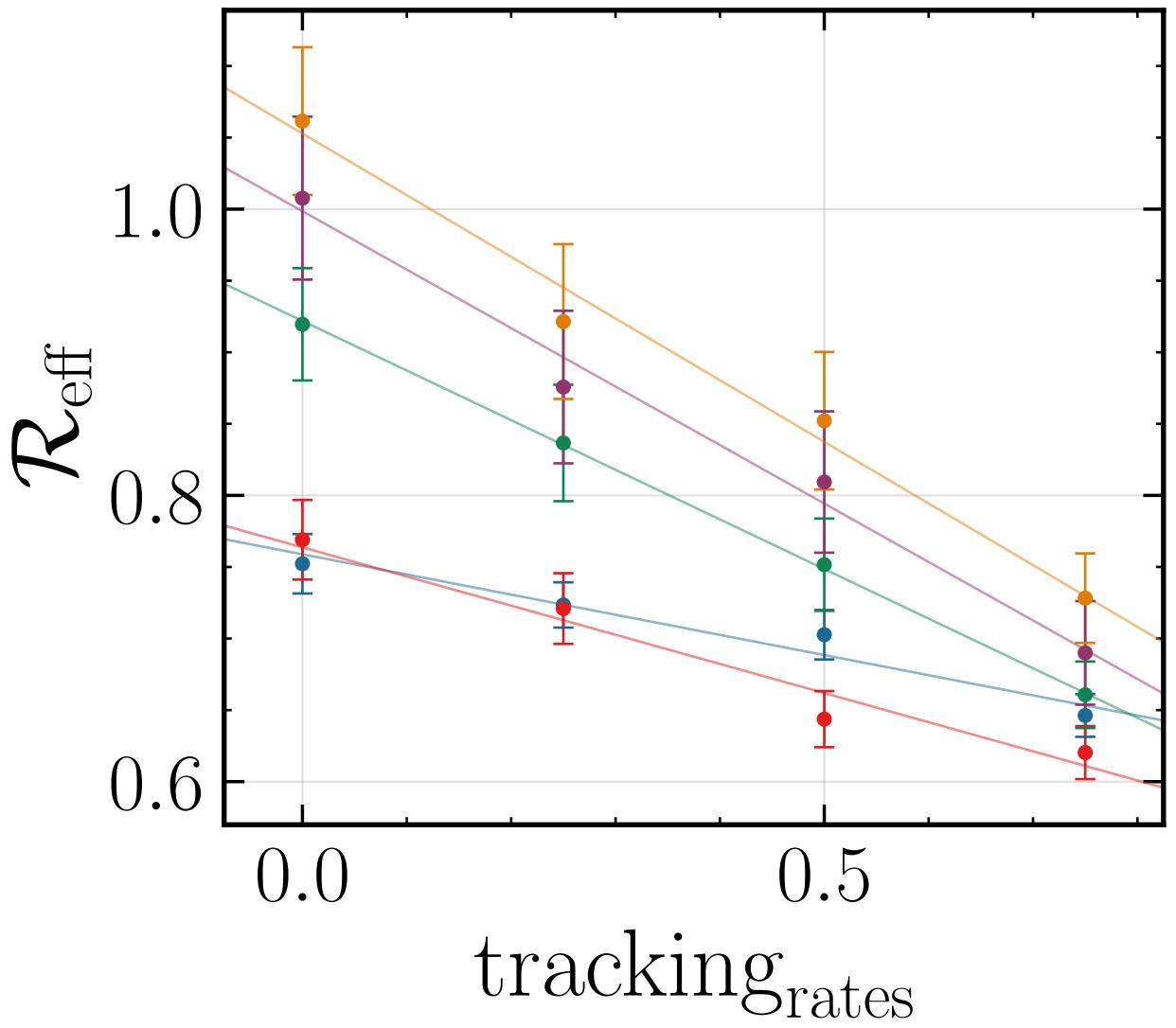
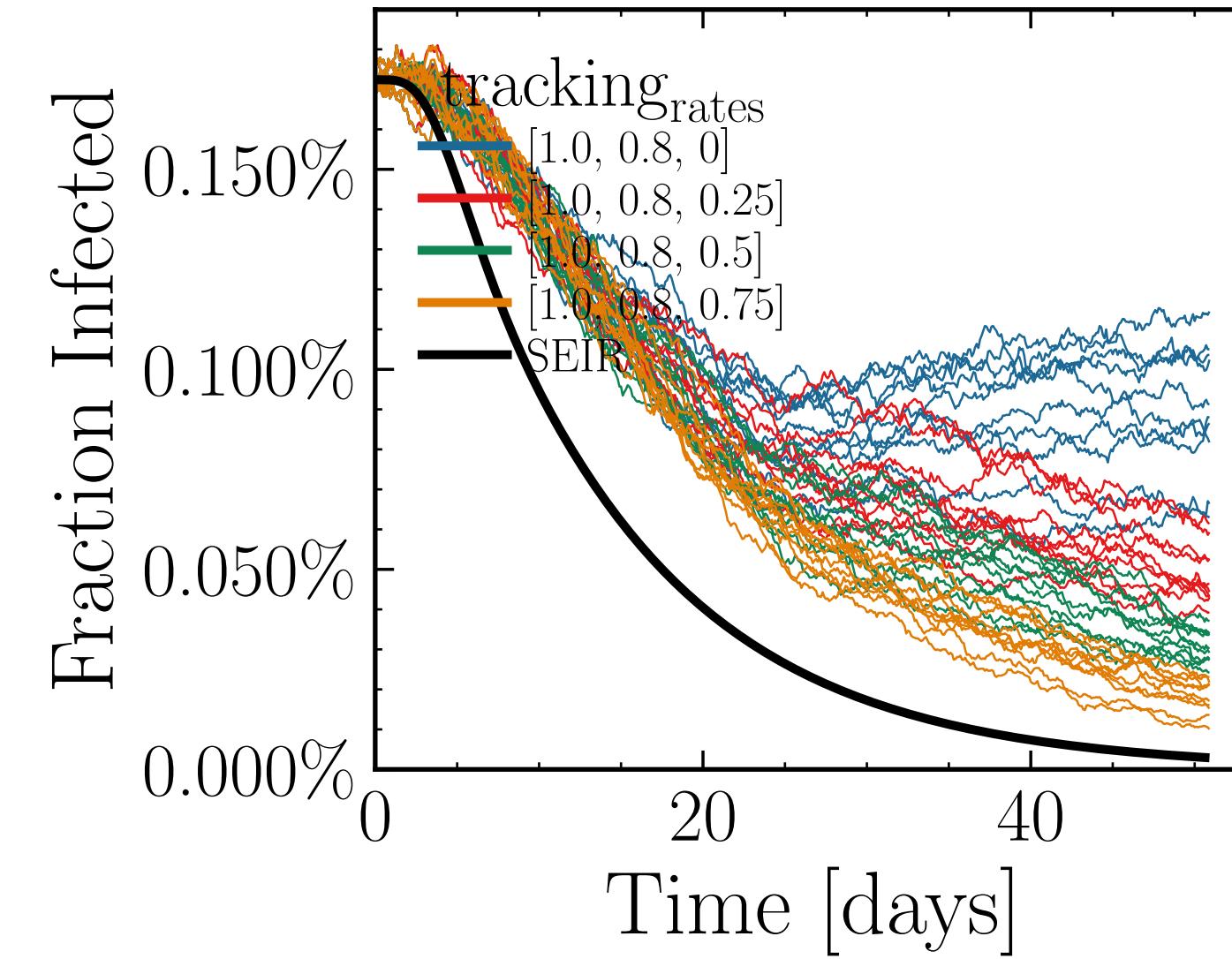
| |
|-------------------------|
| Day: 20, a=-0.09 ± 0.02 |
| Day: 25, a=-0.04 ± 0.03 |
| Day: 30, a=-0.06 ± 0.03 |
| Day: 35, a=-0.07 ± 0.04 |
| Day: 40, a=-0.09 ± 0.05 |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.2104$, $\sigma_\mu = 0.0$, $\beta = 0.0124$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4217$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.08K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.3433$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



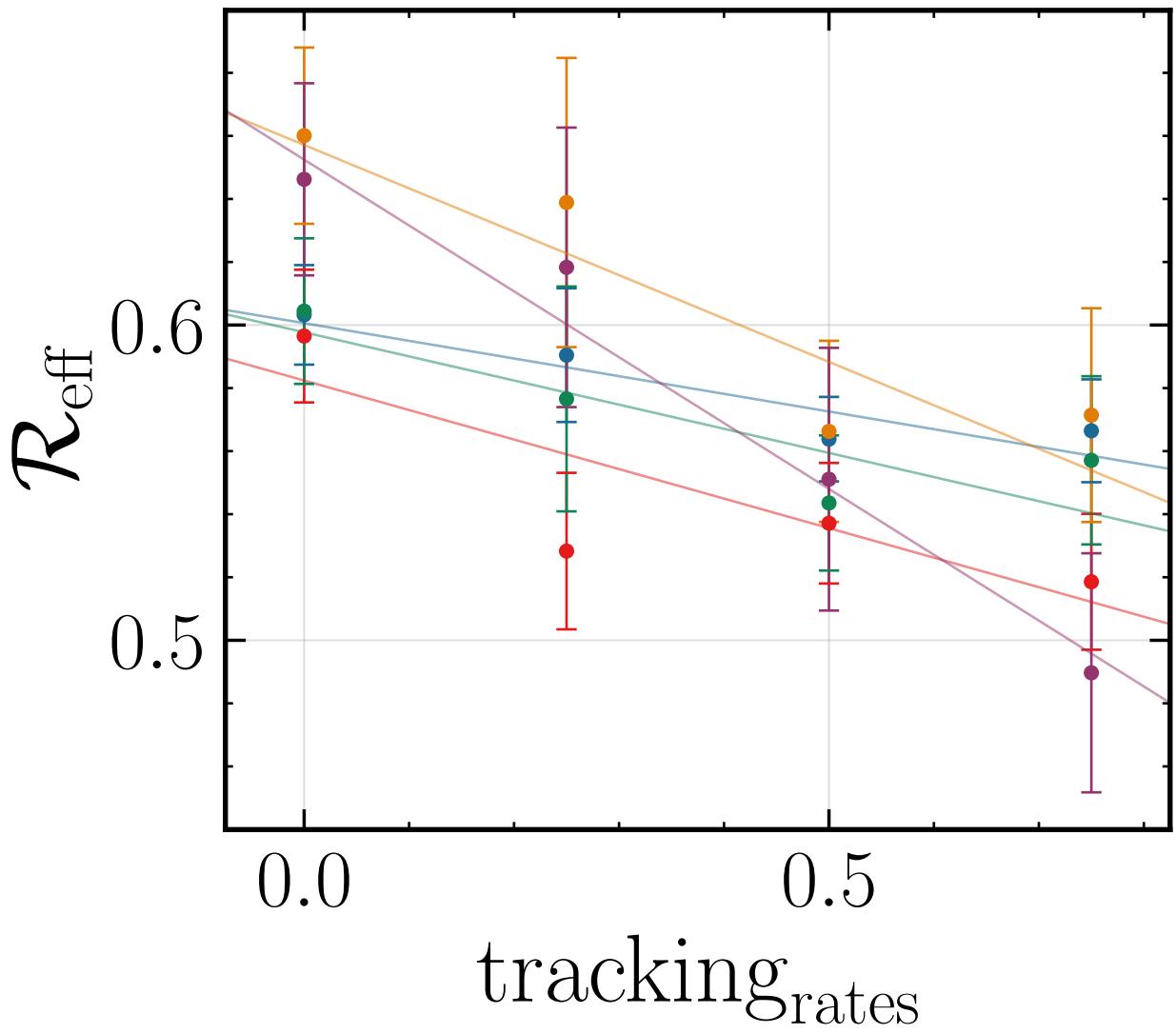
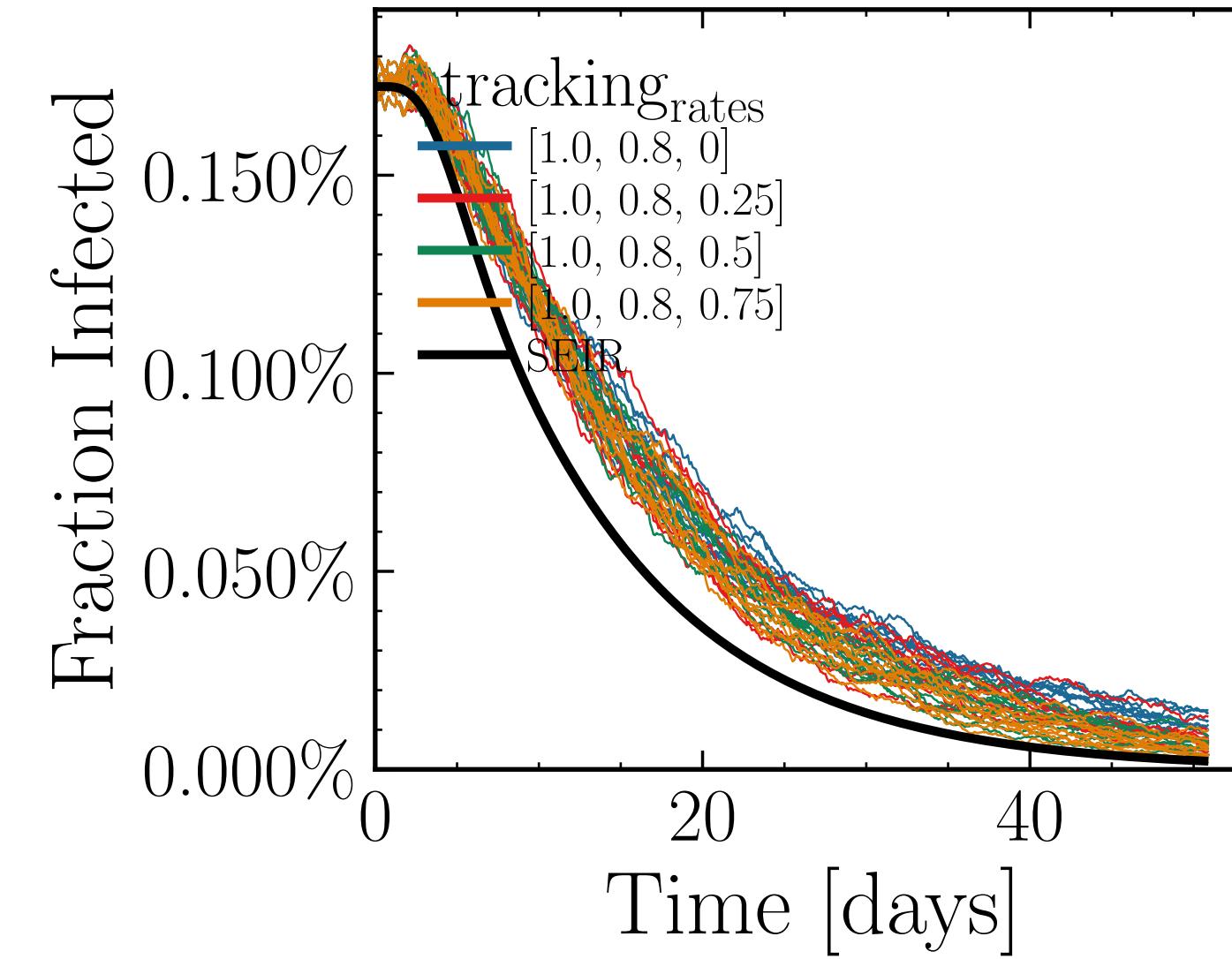
| Day | a |
|-----|--------------|
| 20 | -0.48 ± 0.03 |
| 25 | -0.77 ± 0.03 |
| 30 | -0.85 ± 0.04 |
| 35 | -0.73 ± 0.04 |
| 40 | -0.55 ± 0.04 |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.3184$, $\sigma_\mu = 0.0$, $\beta = 0.0136$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4659$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.28K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.4088$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



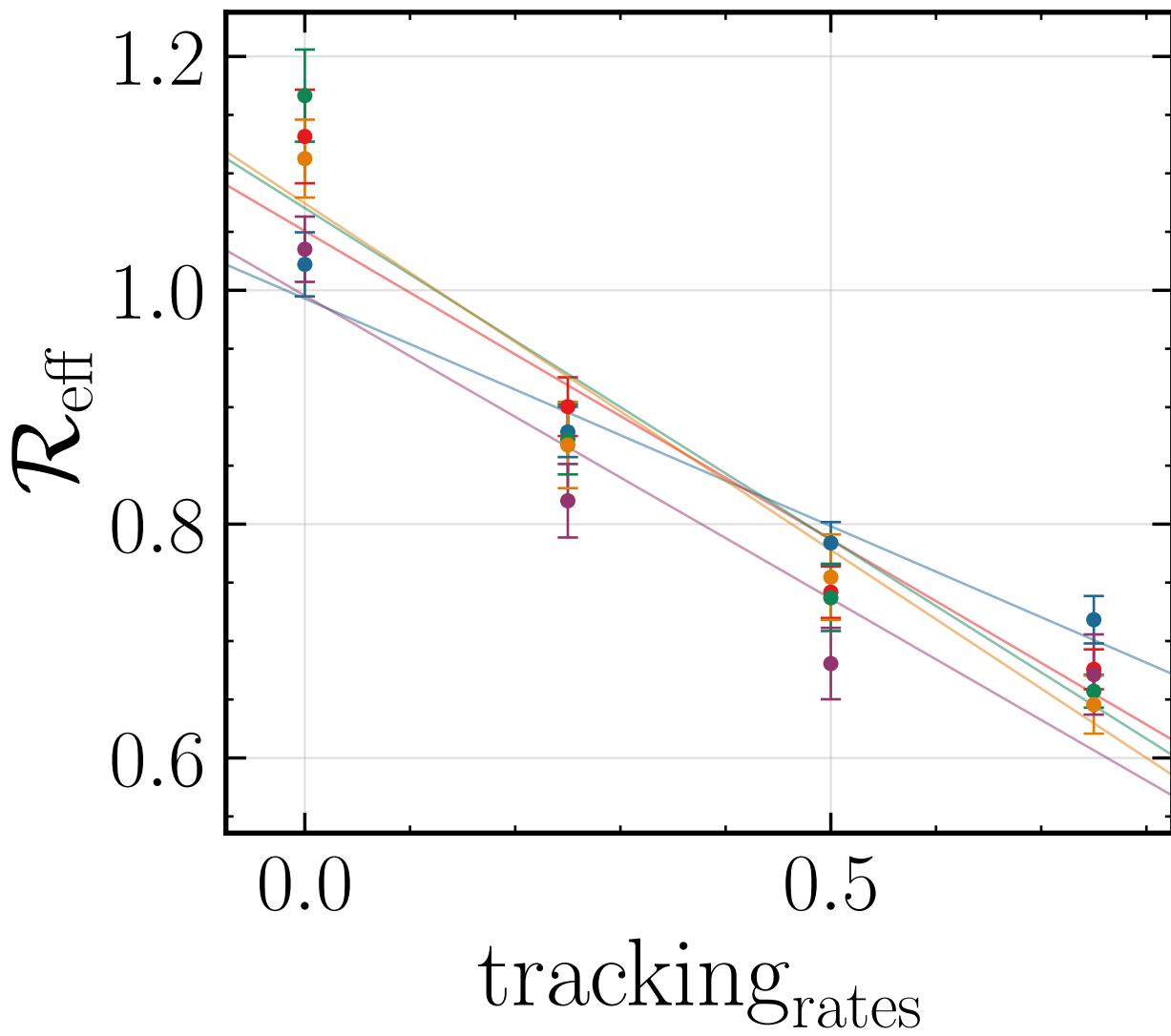
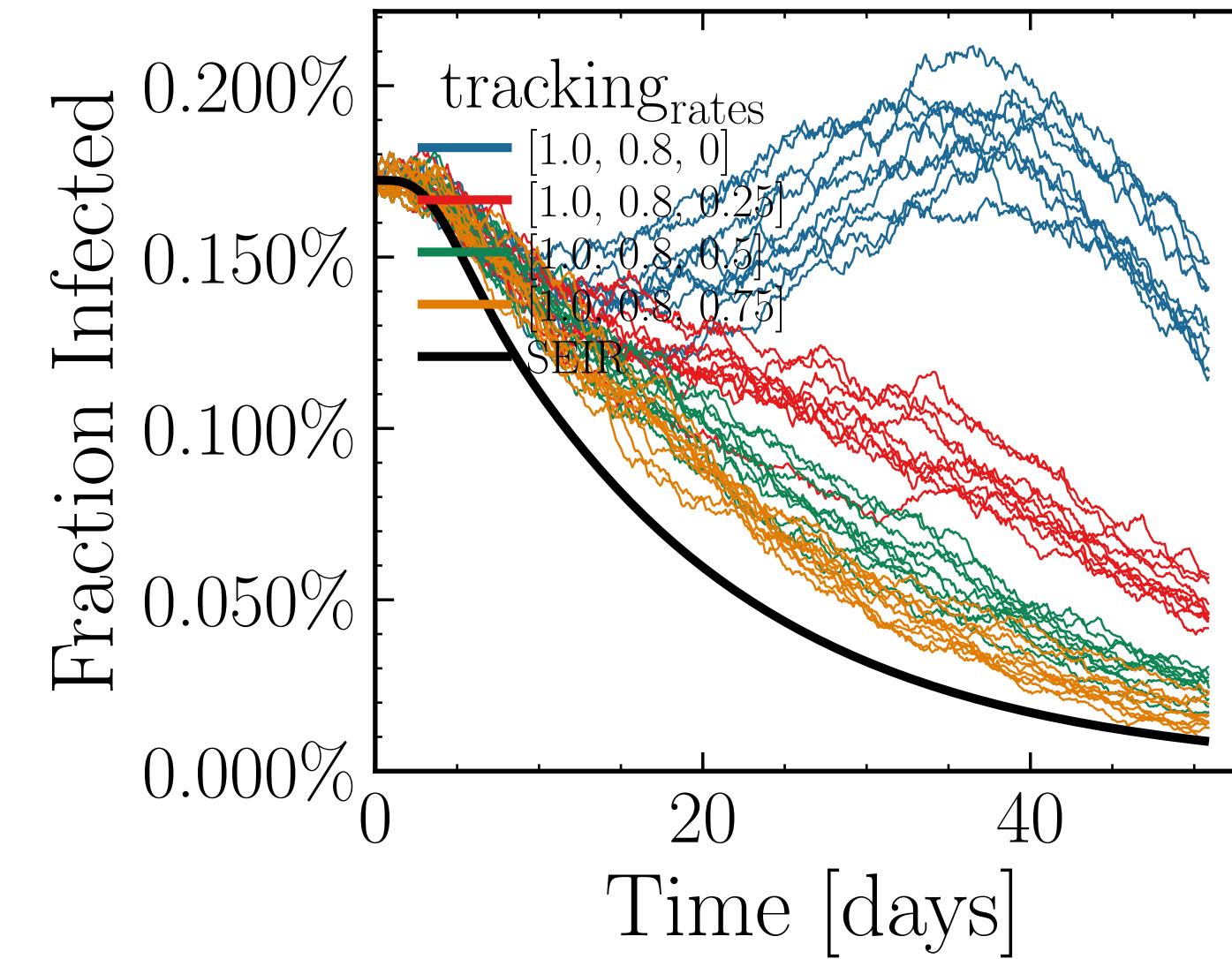
| Day | a |
|-----|------------------|
| 20 | -0.14 ± 0.03 |
| 25 | -0.20 ± 0.04 |
| 30 | -0.35 ± 0.06 |
| 35 | -0.43 ± 0.07 |
| 40 | -0.41 ± 0.08 |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.6345$, $\sigma_\mu = 0.0$, $\beta = 0.0091$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7498$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.28K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.342, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10

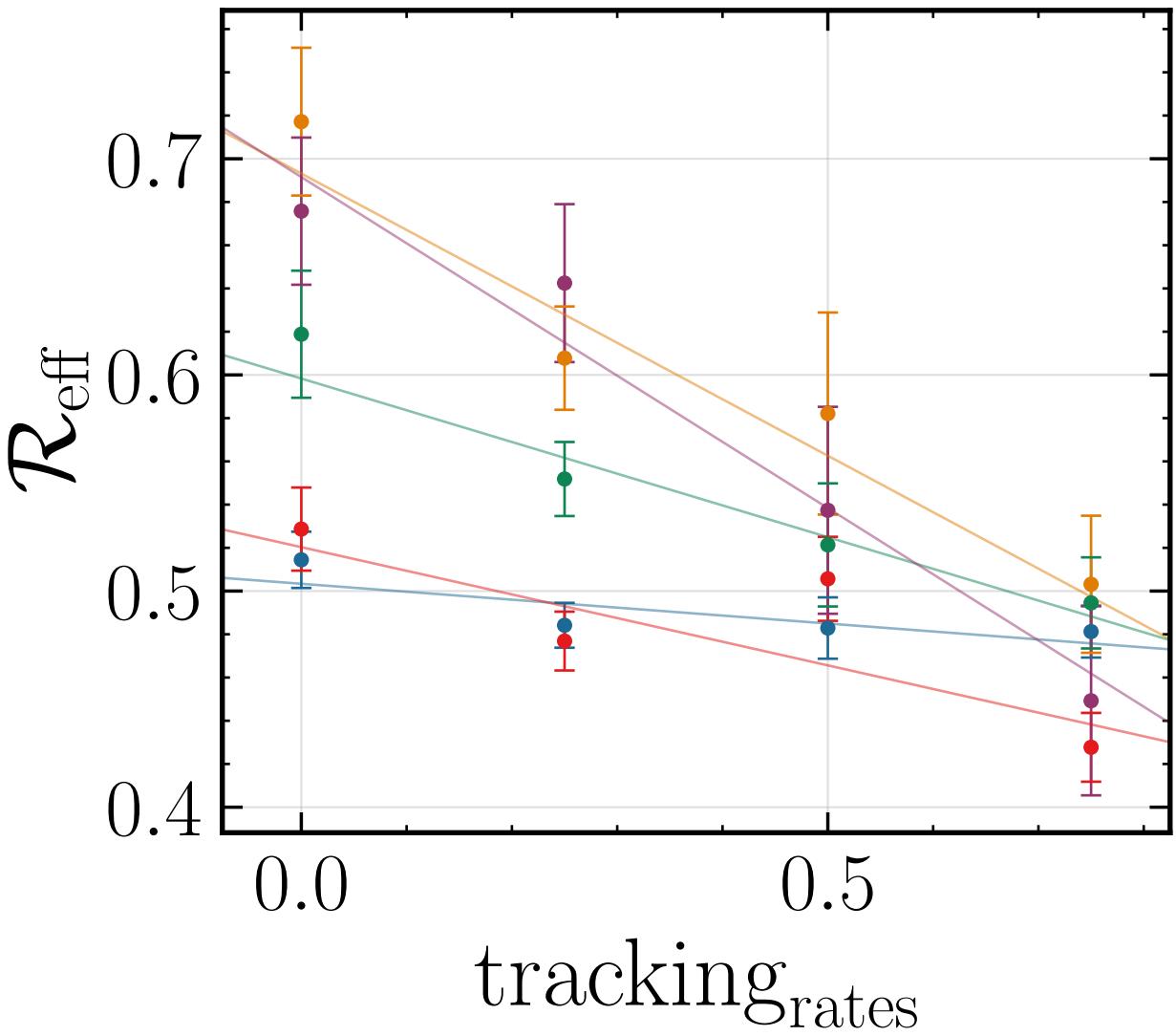
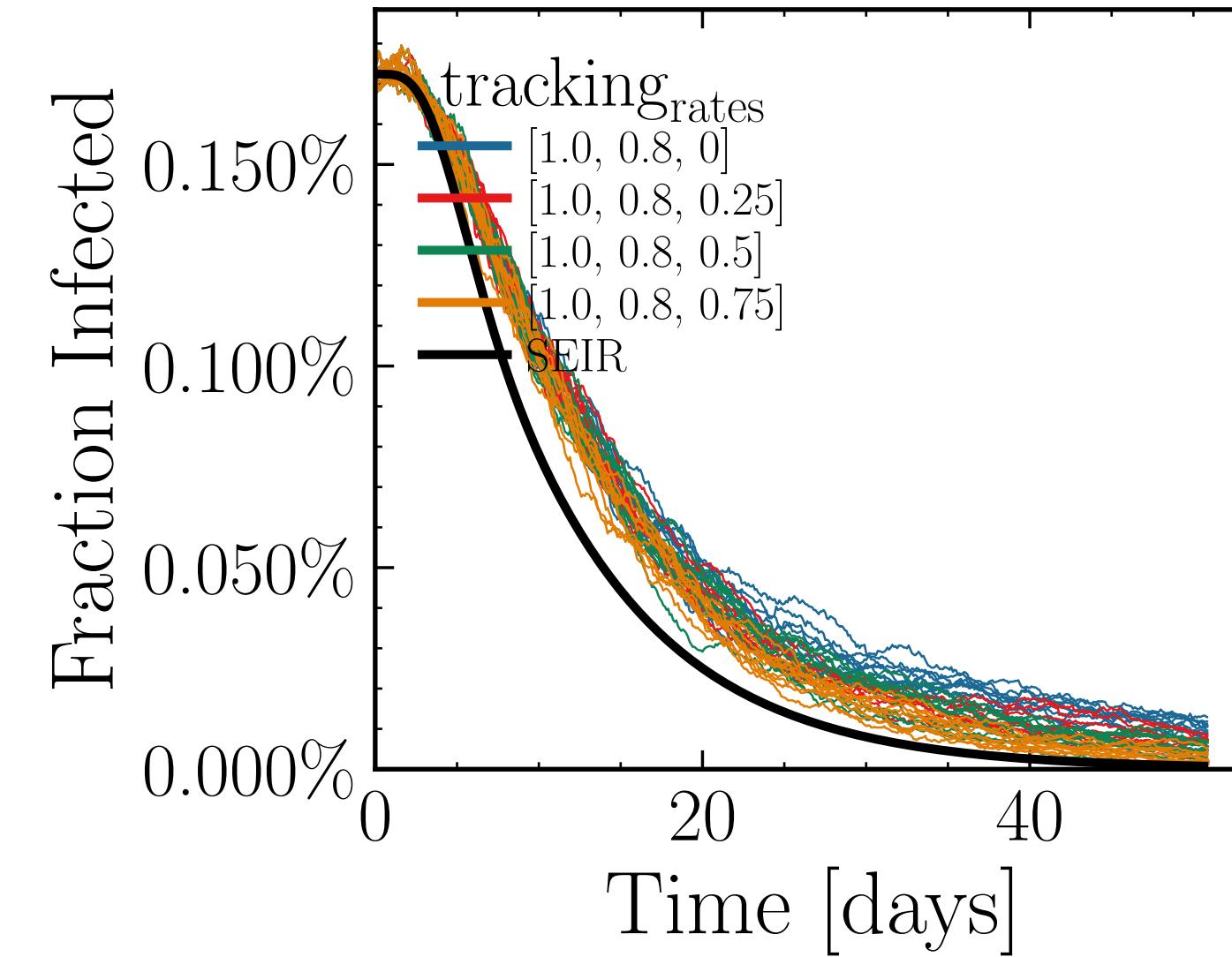


| |
|-------------------------|
| Day: 20, a=-0.06 ± 0.03 |
| Day: 25, a=-0.09 ± 0.04 |
| Day: 30, a=-0.08 ± 0.04 |
| Day: 35, a=-0.14 ± 0.06 |
| Day: 40, a=-0.21 ± 0.06 |

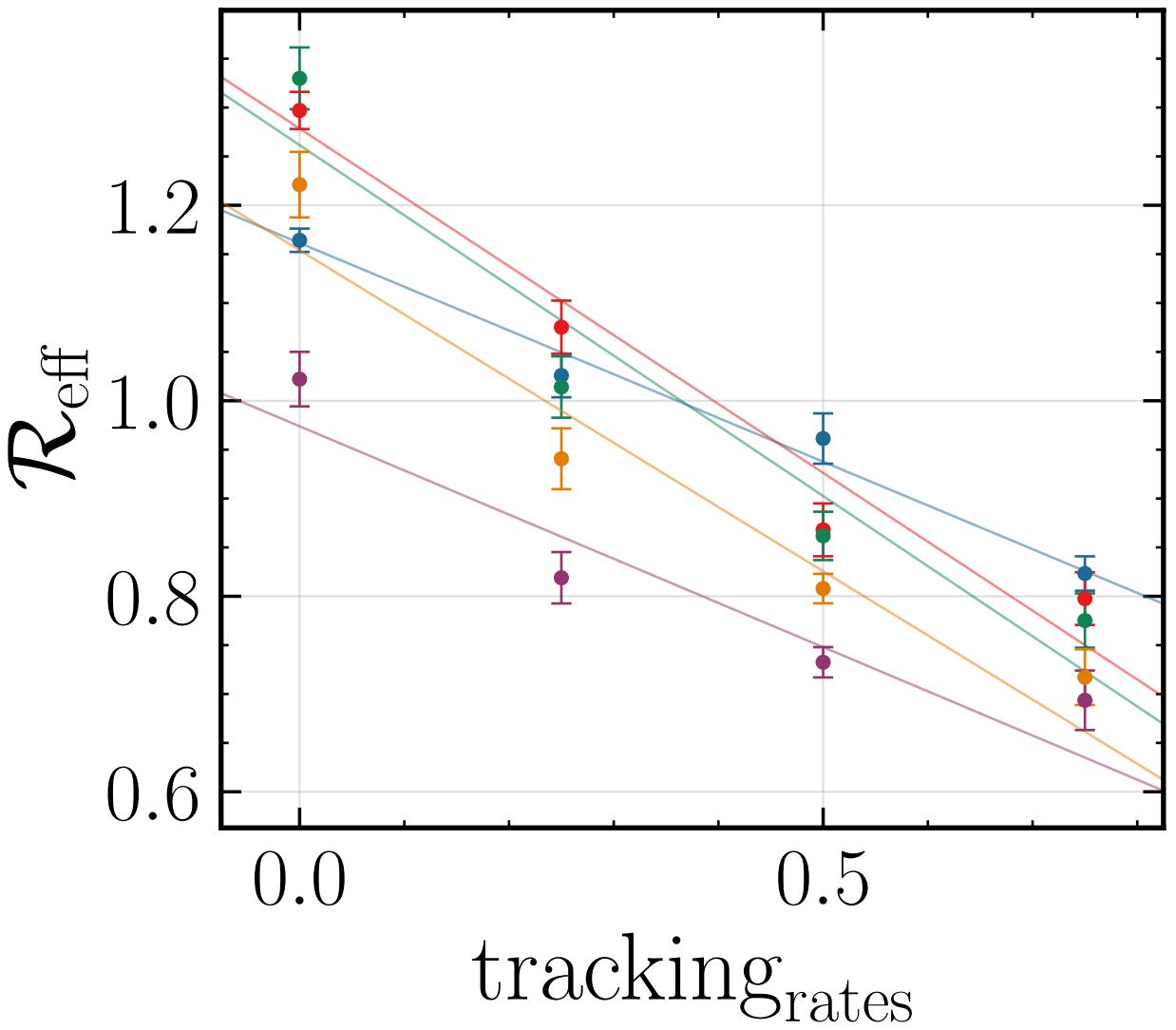
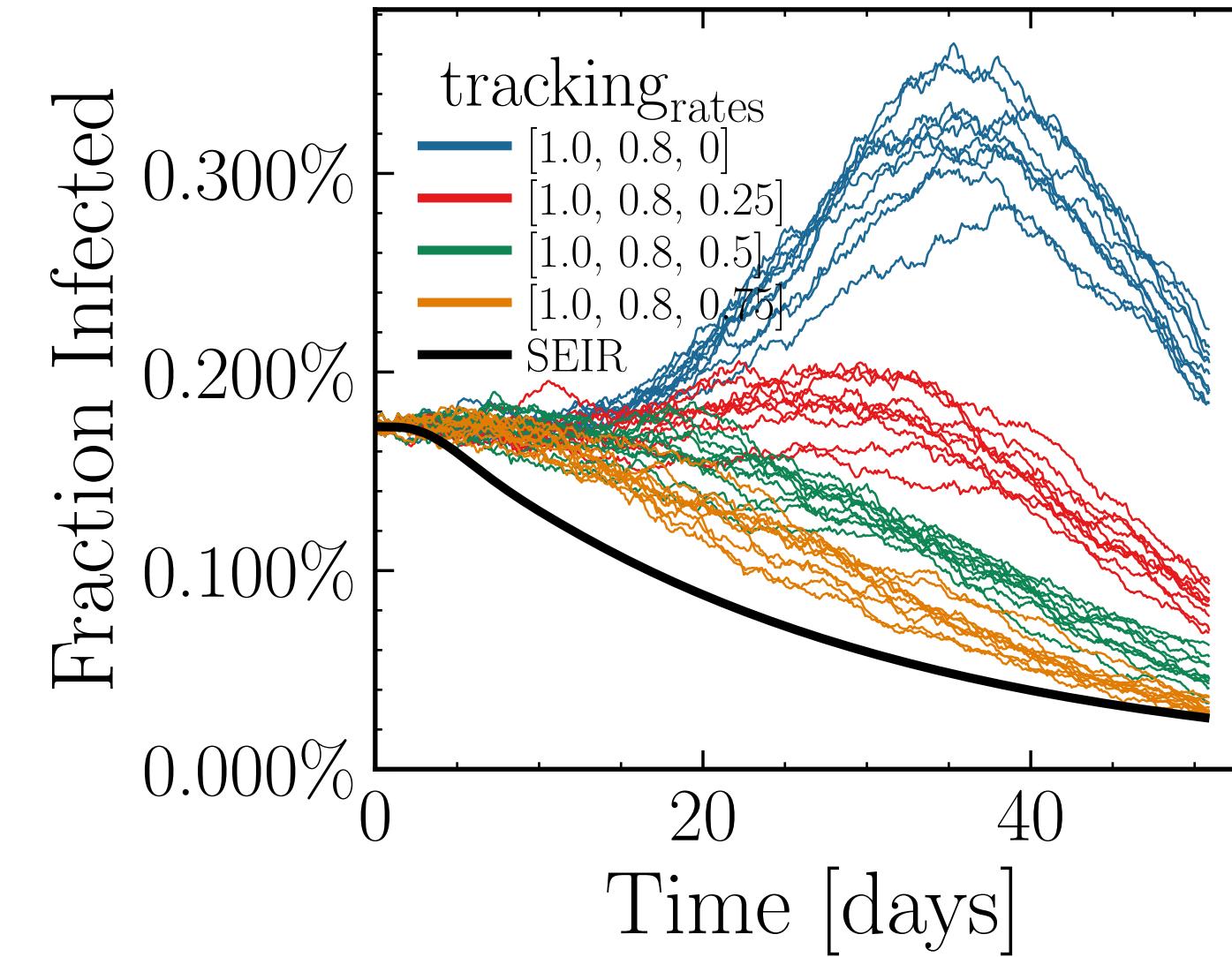
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.924$, $\sigma_\mu = 0.0$, $\beta = 0.0083$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5069$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.4K$, event_{size_{max}} = 10, event_{size_{mean}} = 4.3982, event _{β scaling} = 5.0, event_{weekendmultiplier} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], f_{dailytests} = 0.01, testdelay = [0, 0, 25], resultdelay = [10, 10, 10]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], dayslook.back = 7, tracking_{delay} = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.1875$, $\sigma_\mu = 0.0$, $\beta = 0.0093$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6278$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.22K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.4449$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

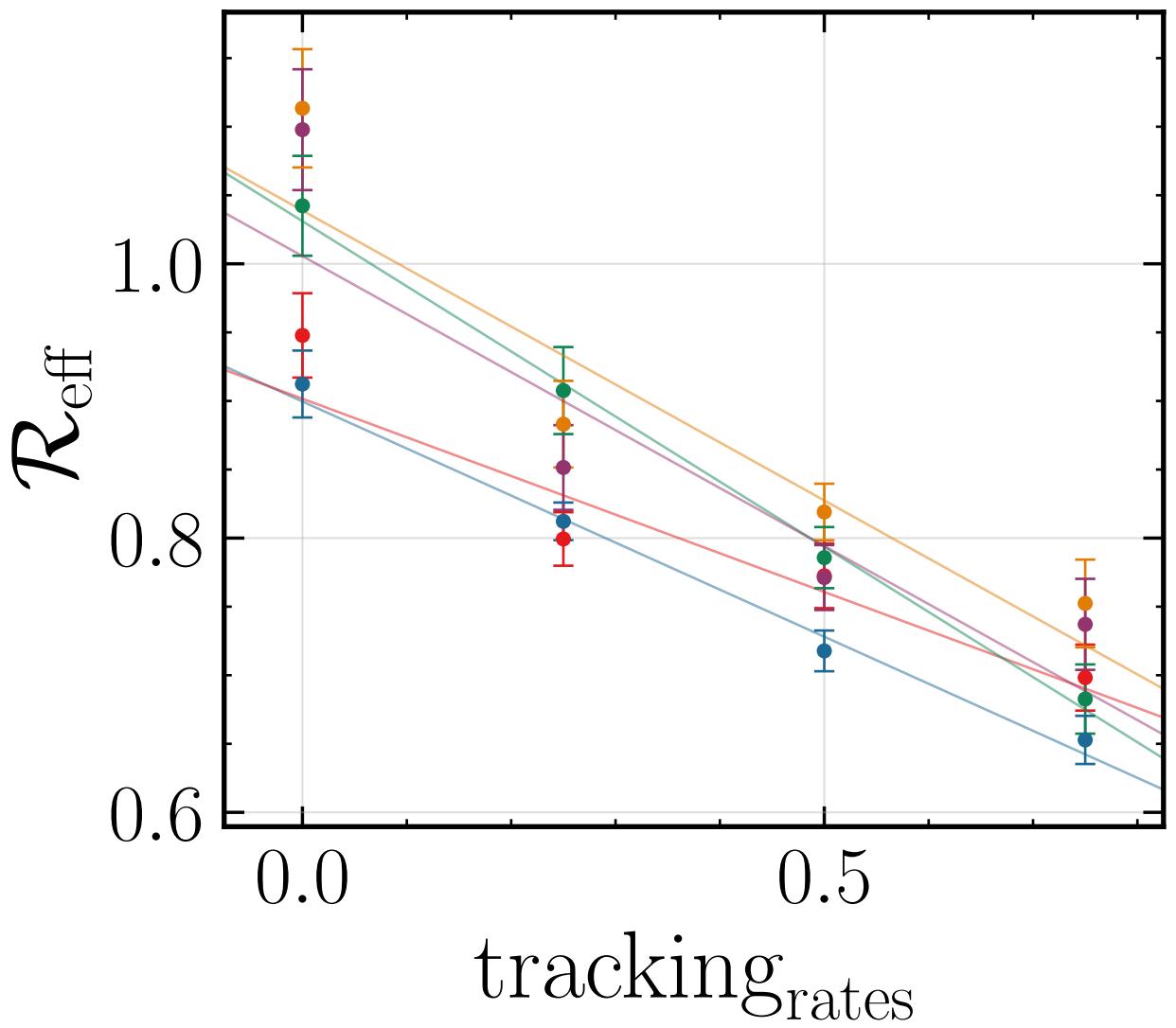
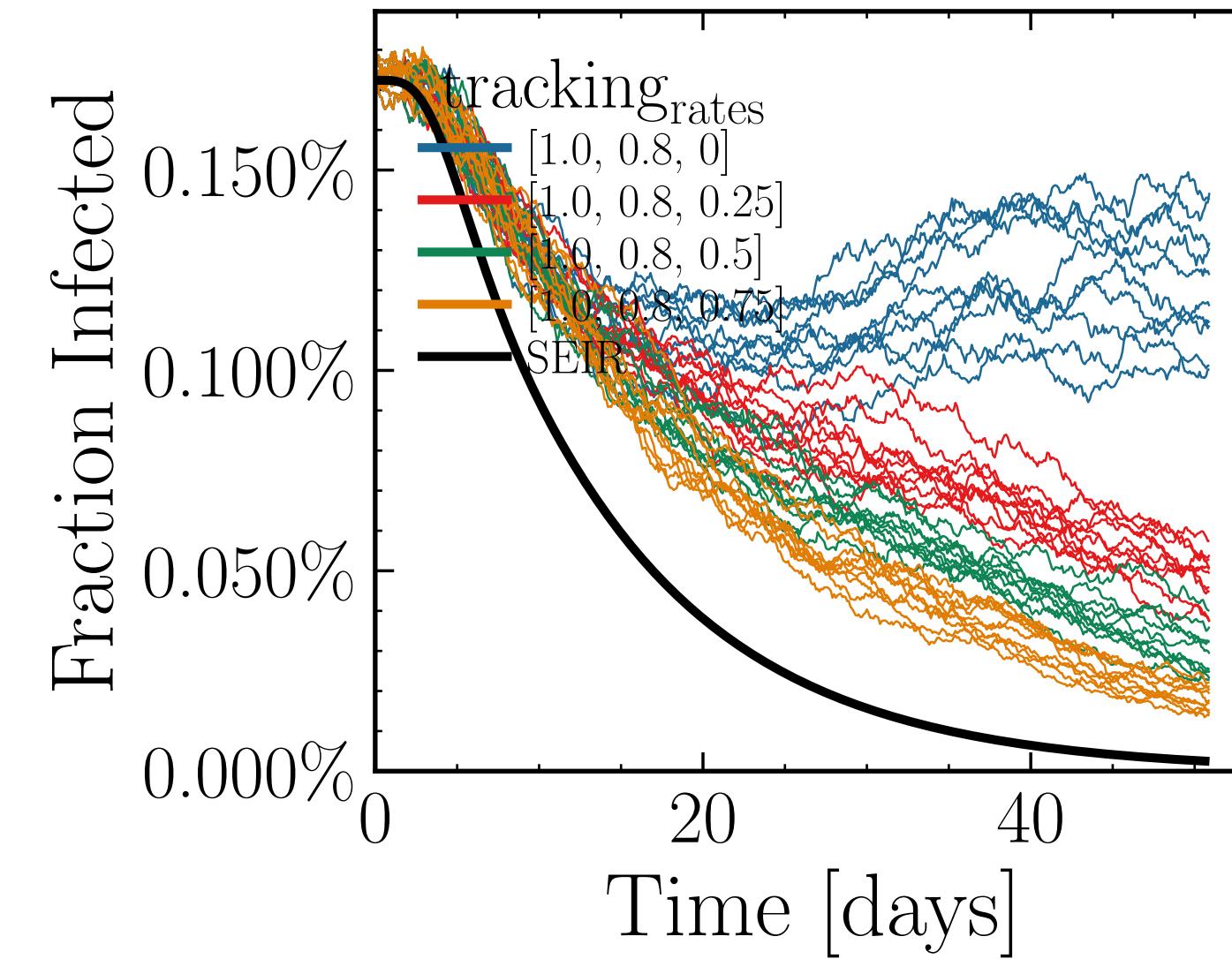


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.3012$, $\sigma_\mu = 0.0$, $\beta = 0.0112$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5248$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.51K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.1798$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



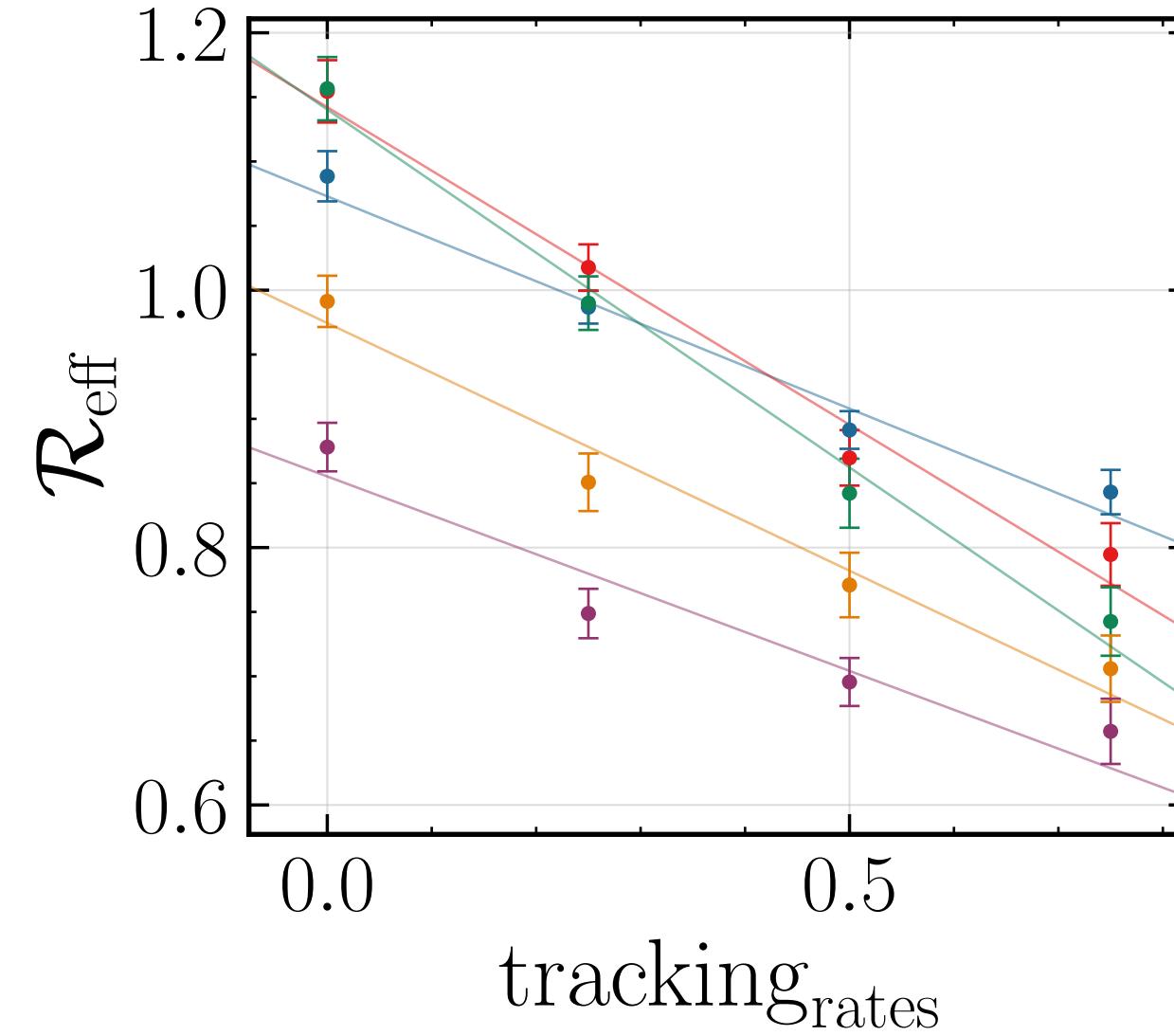
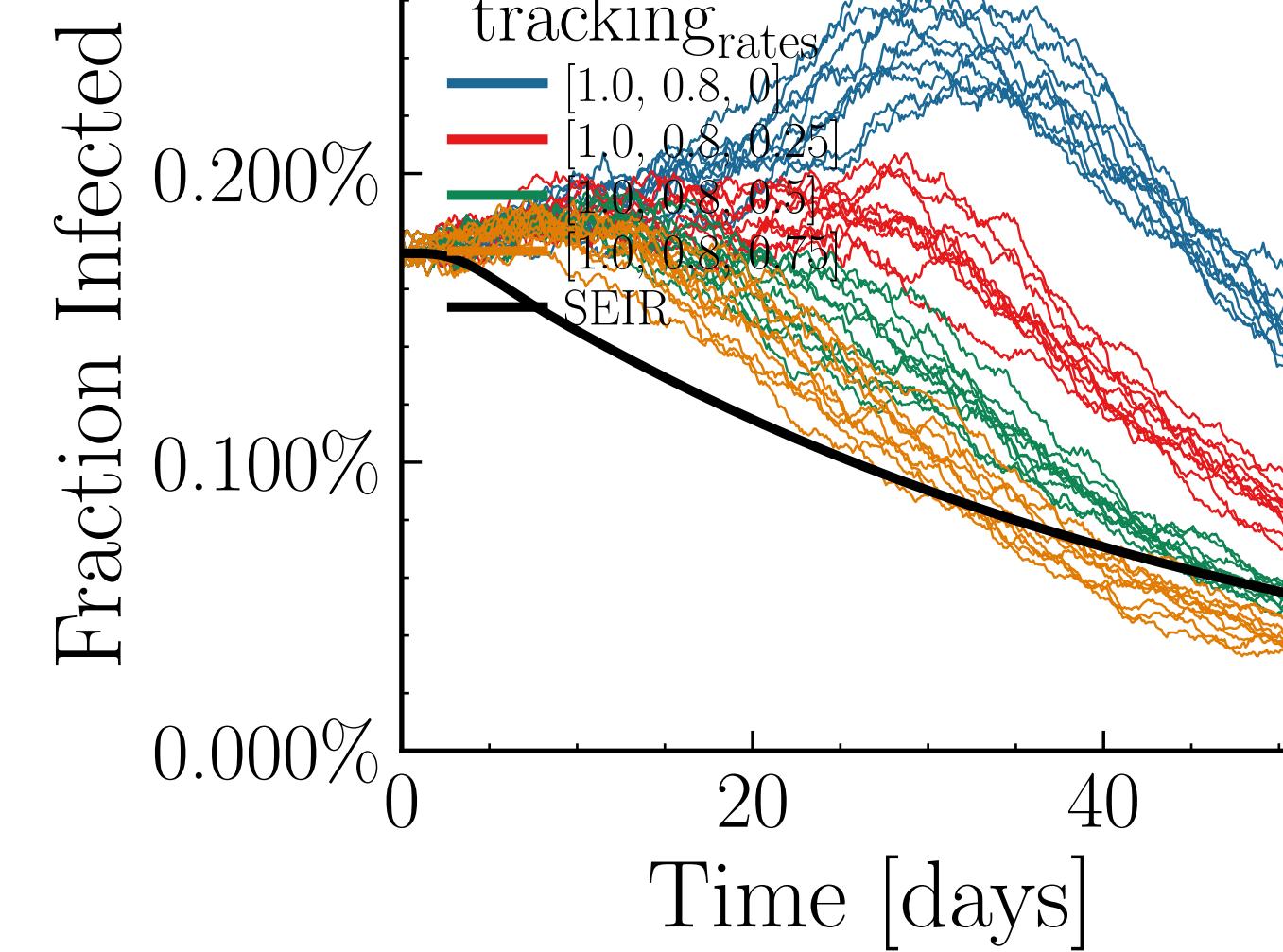
| |
|-------------------------|
| Day: 20, a=-0.45 ± 0.03 |
| Day: 25, a=-0.70 ± 0.04 |
| Day: 30, a=-0.72 ± 0.05 |
| Day: 35, a=-0.66 ± 0.05 |
| Day: 40, a=-0.45 ± 0.05 |

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.5436$, $\sigma_\mu = 0.0$, $\beta = 0.0109$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4232$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.81K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.4548$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



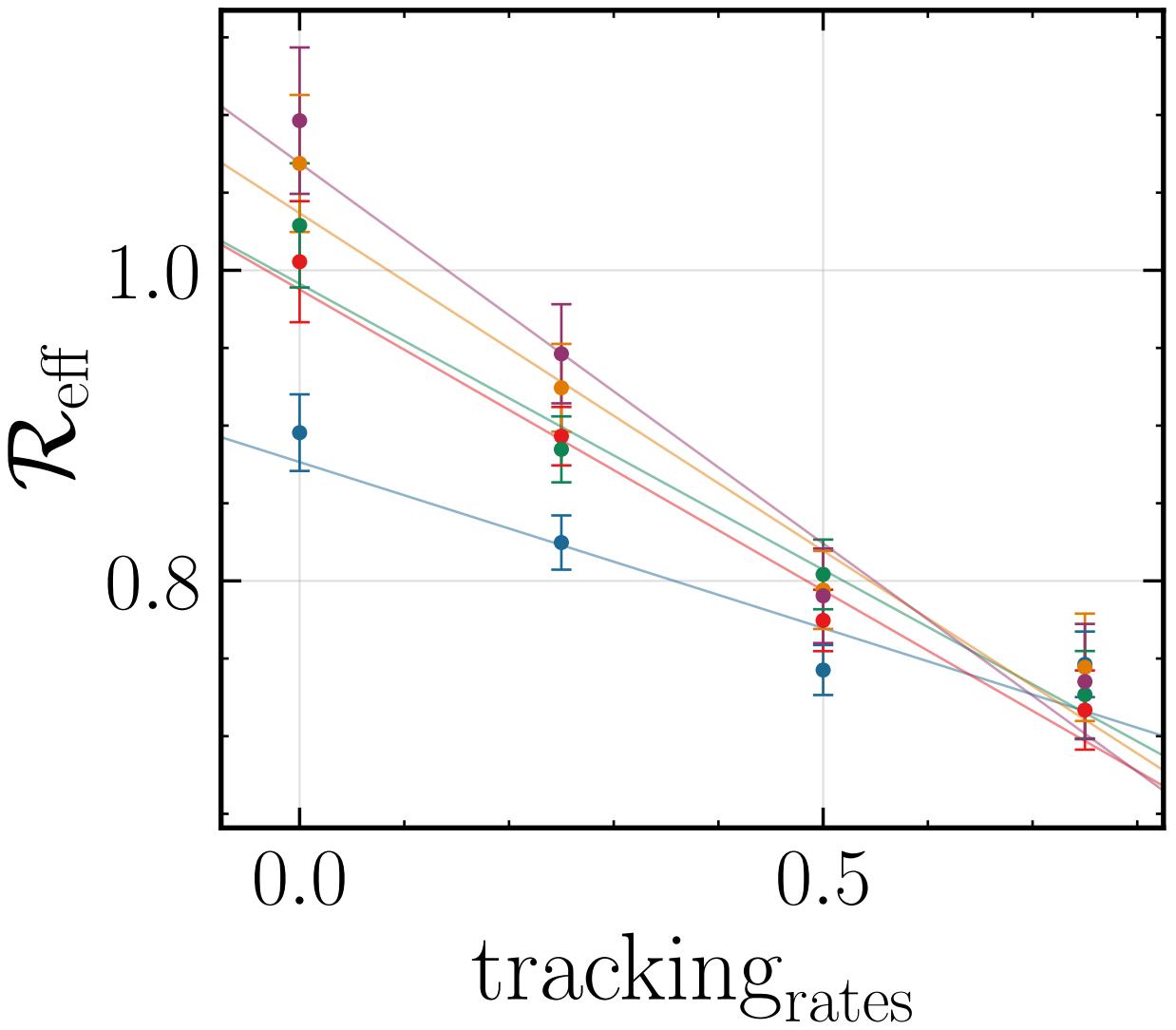
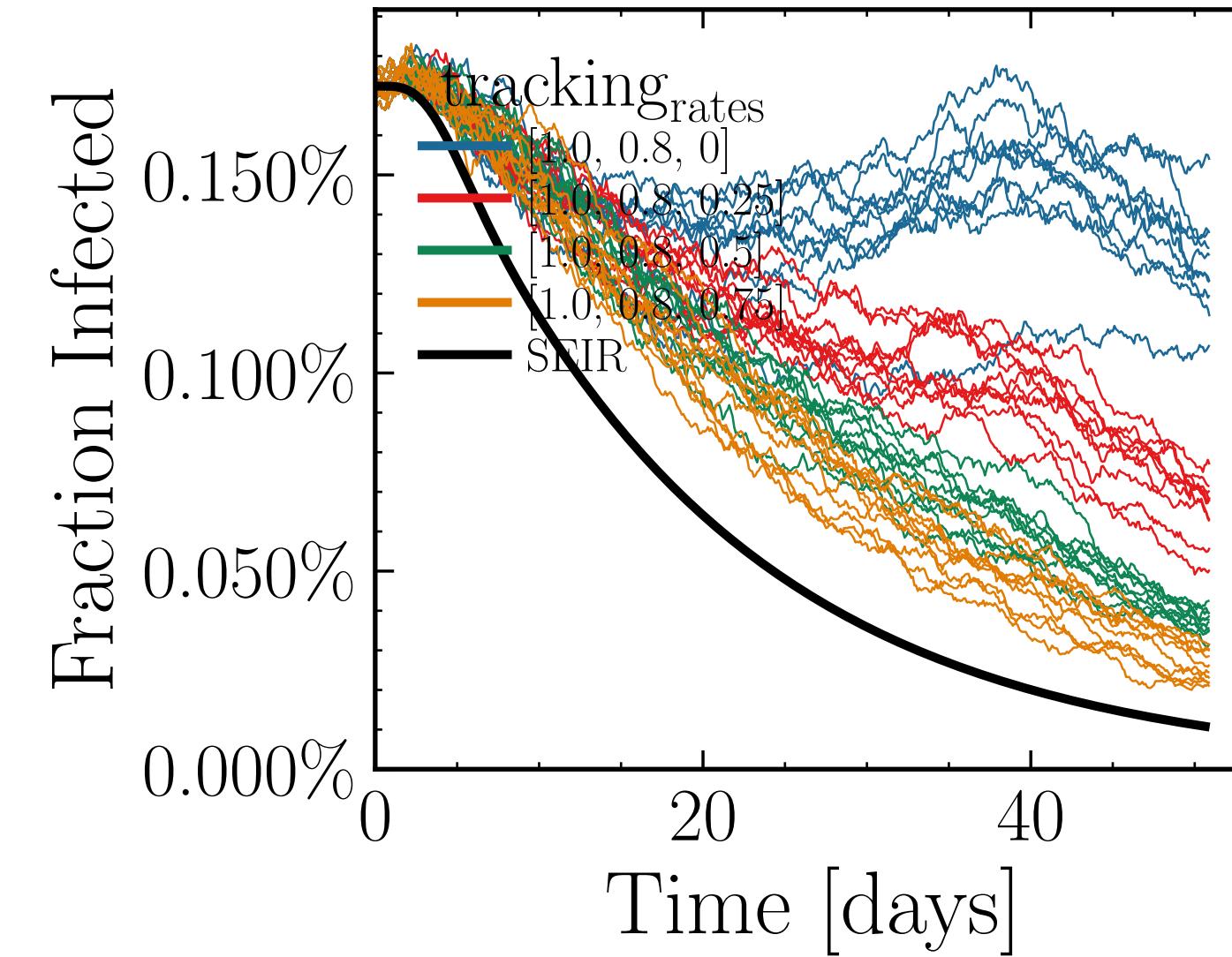
Day: 20, $a = -0.34 \pm 0.03$
Day: 25, $a = -0.28 \pm 0.05$
Day: 30, $a = -0.47 \pm 0.05$
Day: 35, $a = -0.42 \pm 0.06$
Day: 40, $a = -0.42 \pm 0.07$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.764$, $\sigma_\mu = 0.0$, $\beta = 0.0109$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6471$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.49K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.762$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, testdelay = [0, 0, 25], resultdelay = [10, 10, 10]
chancefind.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], dayslook.back = 7, tracking_delay = 10

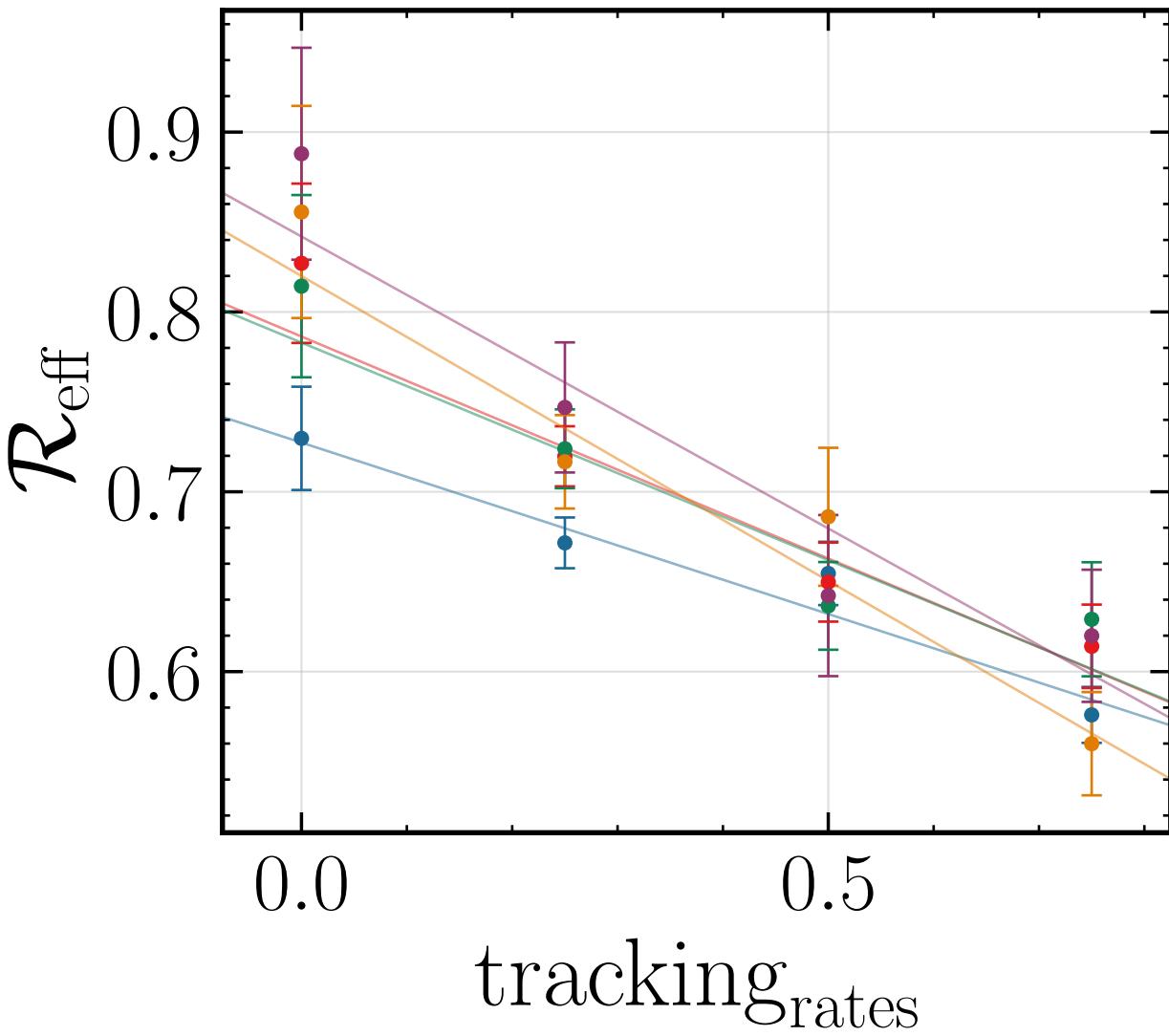
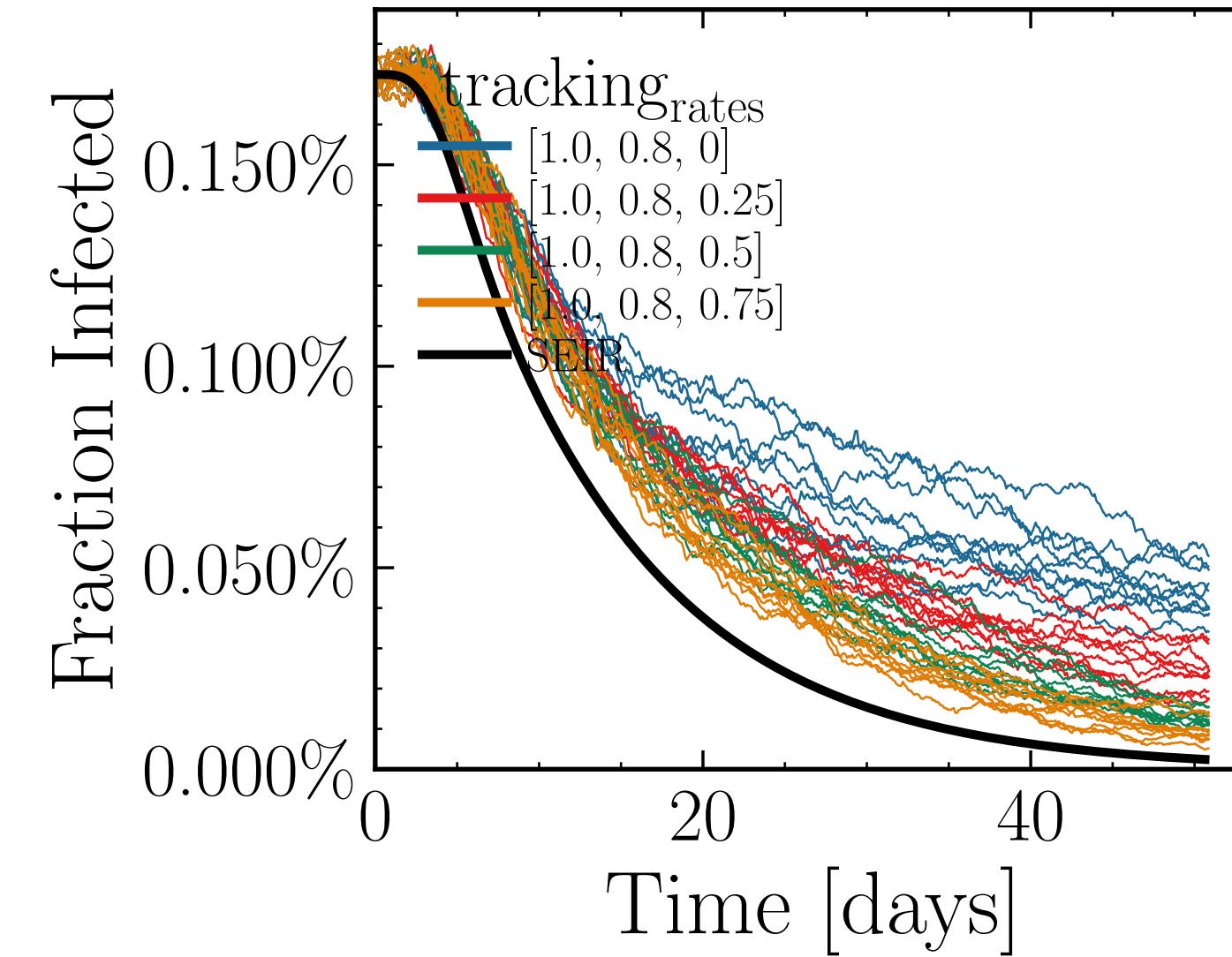


| Day | a |
|-----|------------------|
| 20 | -0.33 ± 0.03 |
| 25 | -0.49 ± 0.04 |
| 30 | -0.56 ± 0.05 |
| 35 | -0.38 ± 0.04 |
| 40 | -0.30 ± 0.04 |

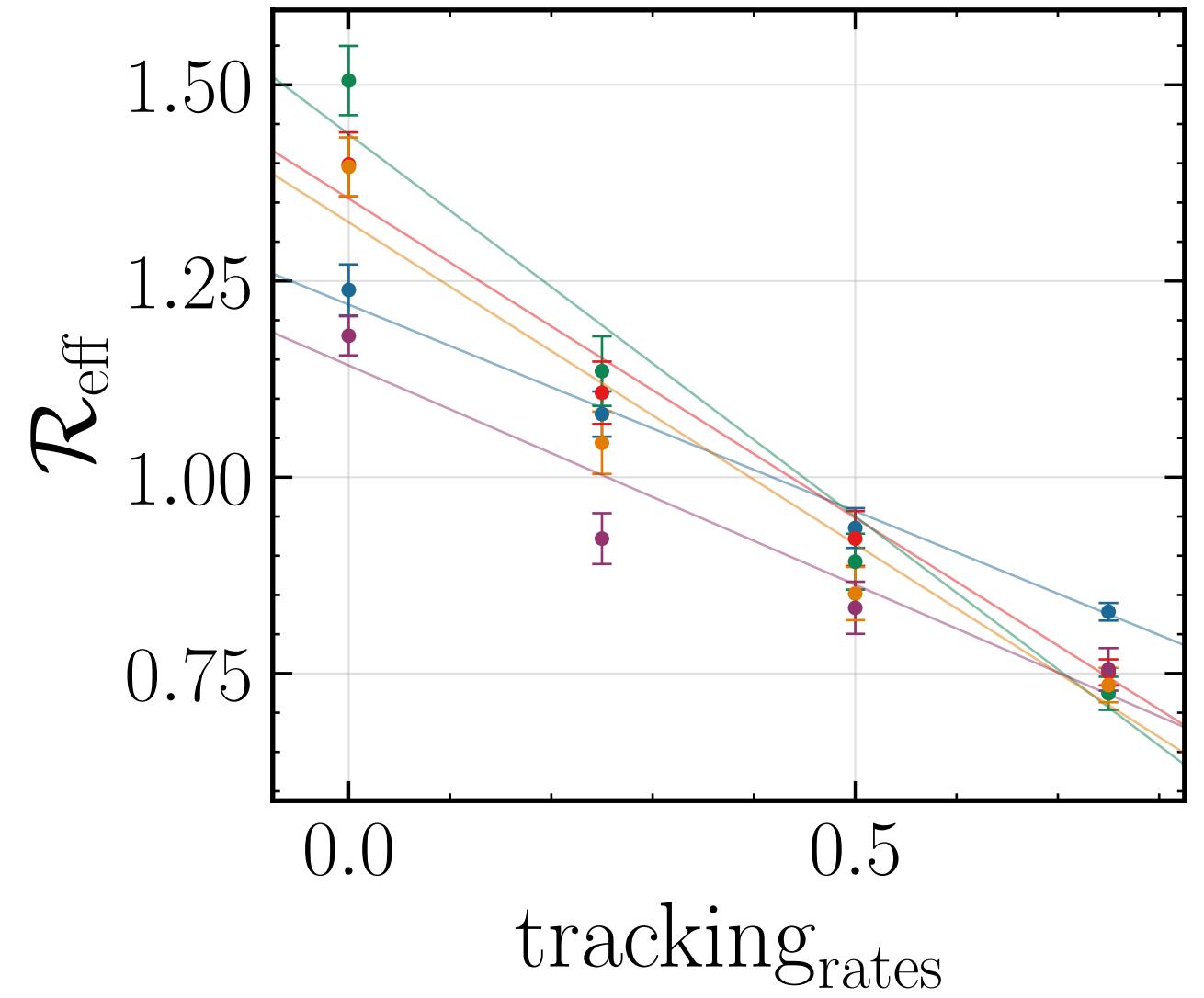
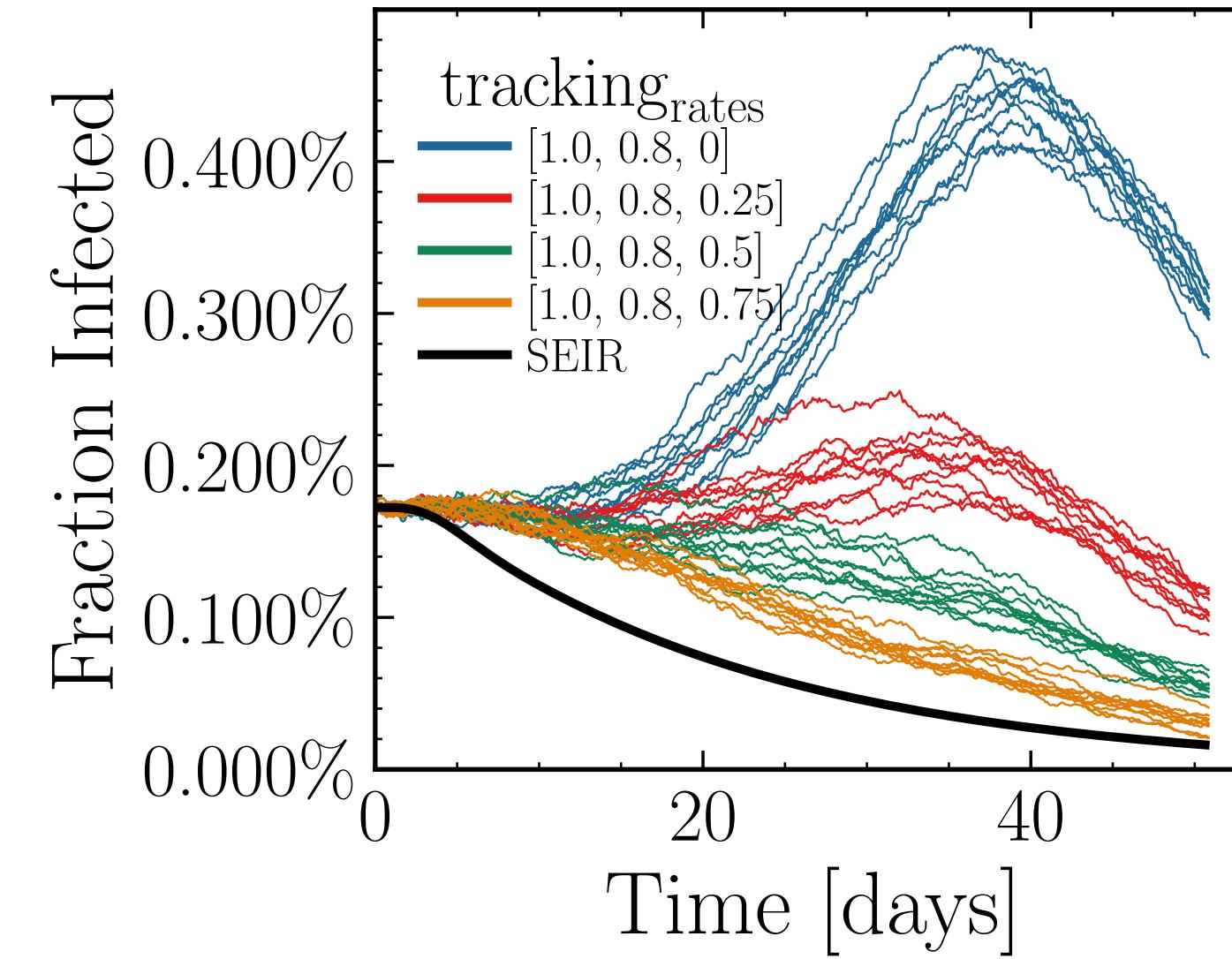
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.695$, $\sigma_\mu = 0.0$, $\beta = 0.0116$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5824$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.33K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.4294$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



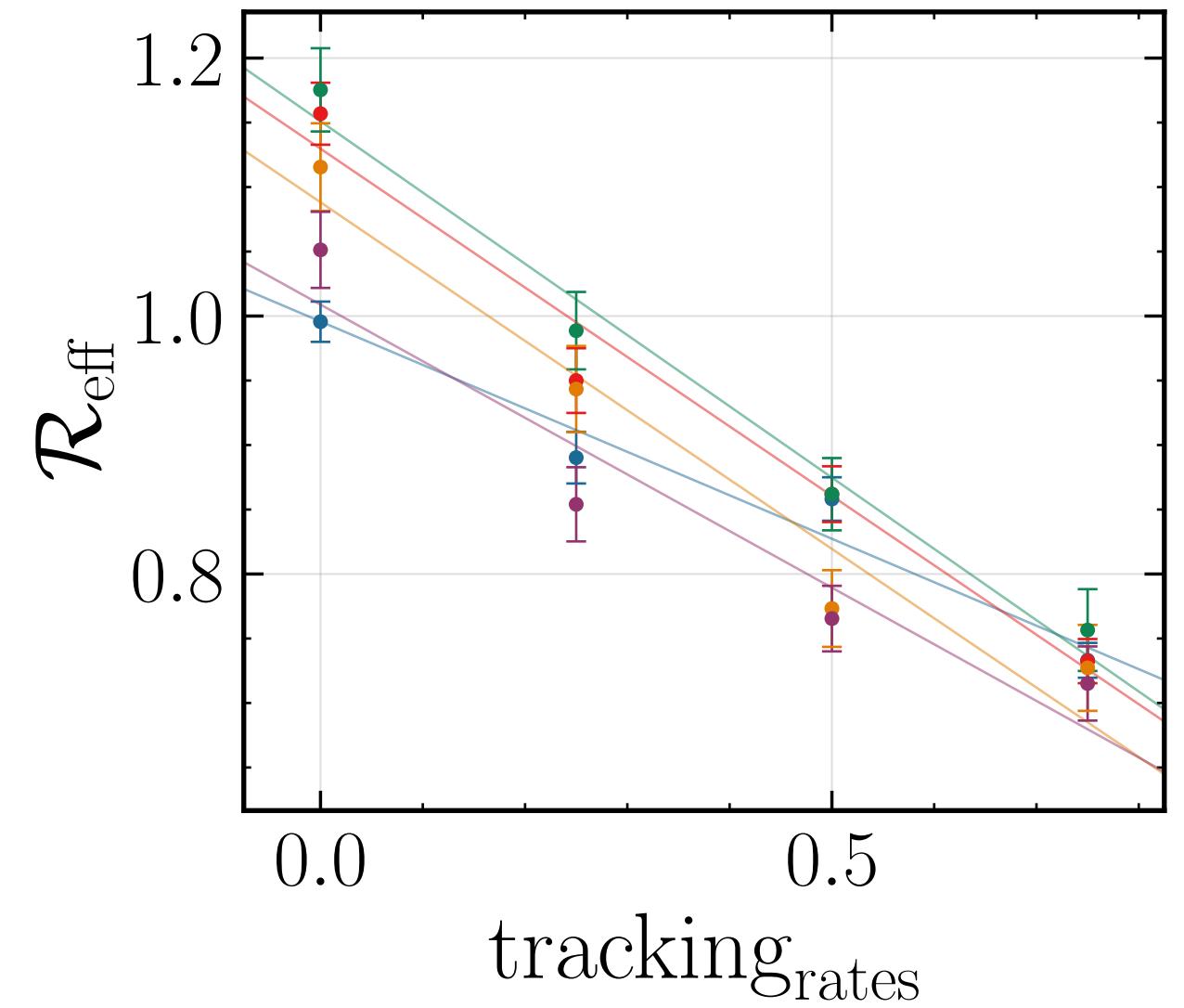
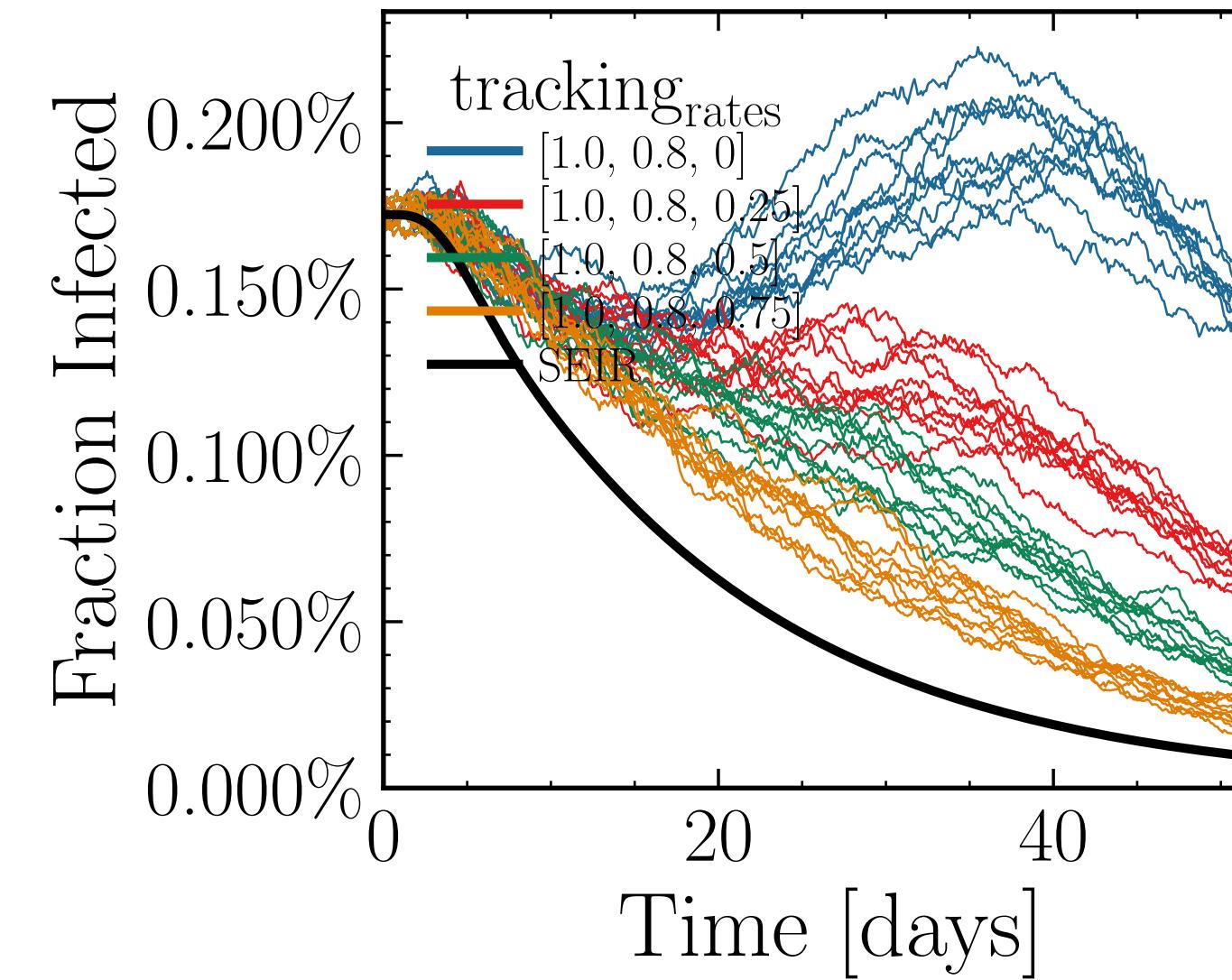
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.7939$, $\sigma_\mu = 0.0$, $\beta = 0.0081$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5815$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.81K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.1345$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.1971$, $\sigma_\mu = 0.0$, $\beta = 0.0119$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$, $f_{\text{work/other}} = 0.4$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 1.14K$, $\text{event}_{\text{size}_{\text{max}}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.6494$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.5838$, $\sigma_\mu = 0.0$, $\beta = 0.0096$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.528$, $N_{\text{contacts max}} = 0$
 $N_{\text{events}} = 2.04K$, event_size_max = 10, event_size_mean = 3.0413, event_beta_scaling = 5.0, event_weekend_multiplier = 2.0
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.8564$, $\sigma_\mu = 0.0$, $\beta = 0.0096$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7811$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.58K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.5961$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25], result_delay = [10, 10, 10]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

