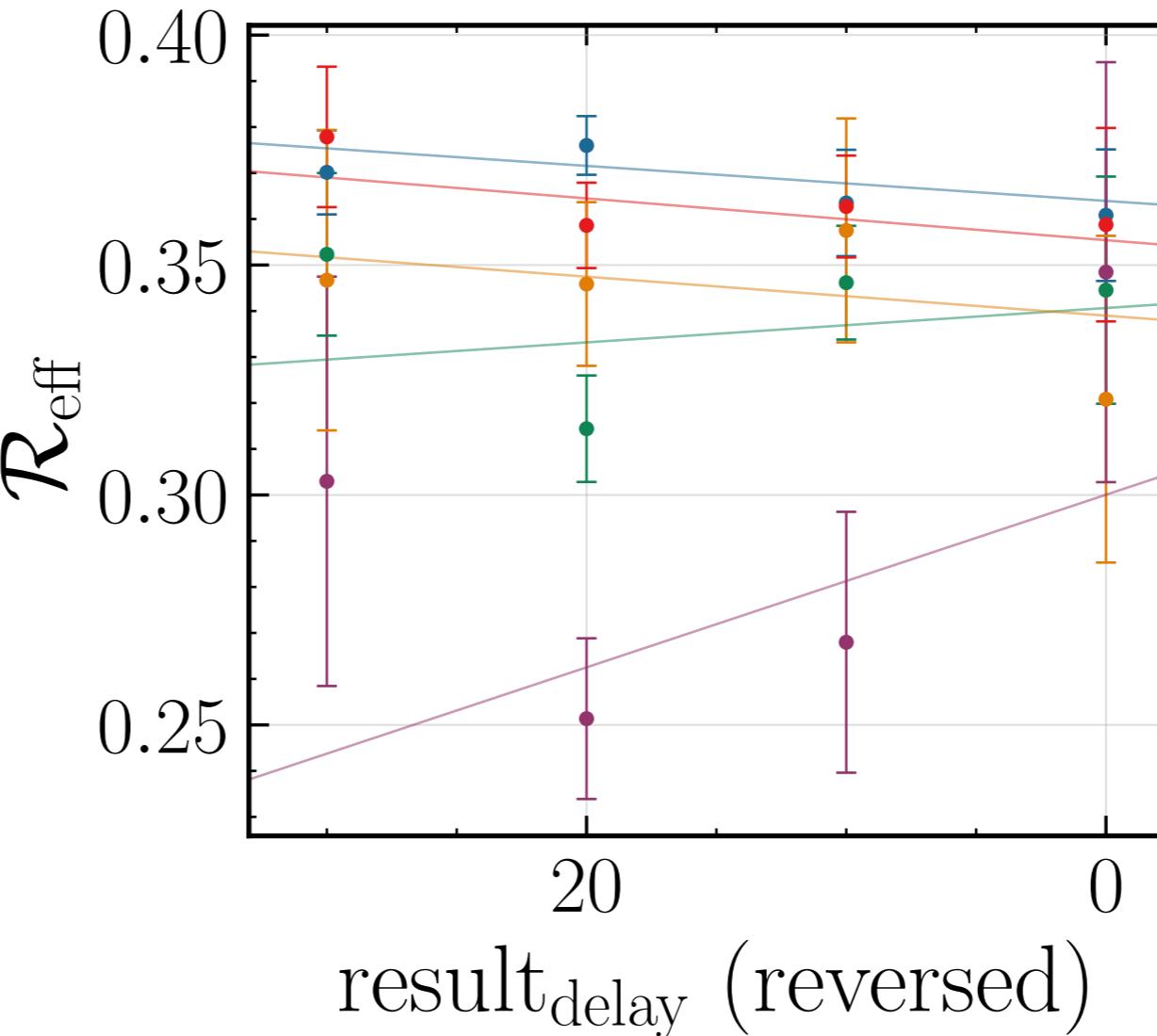
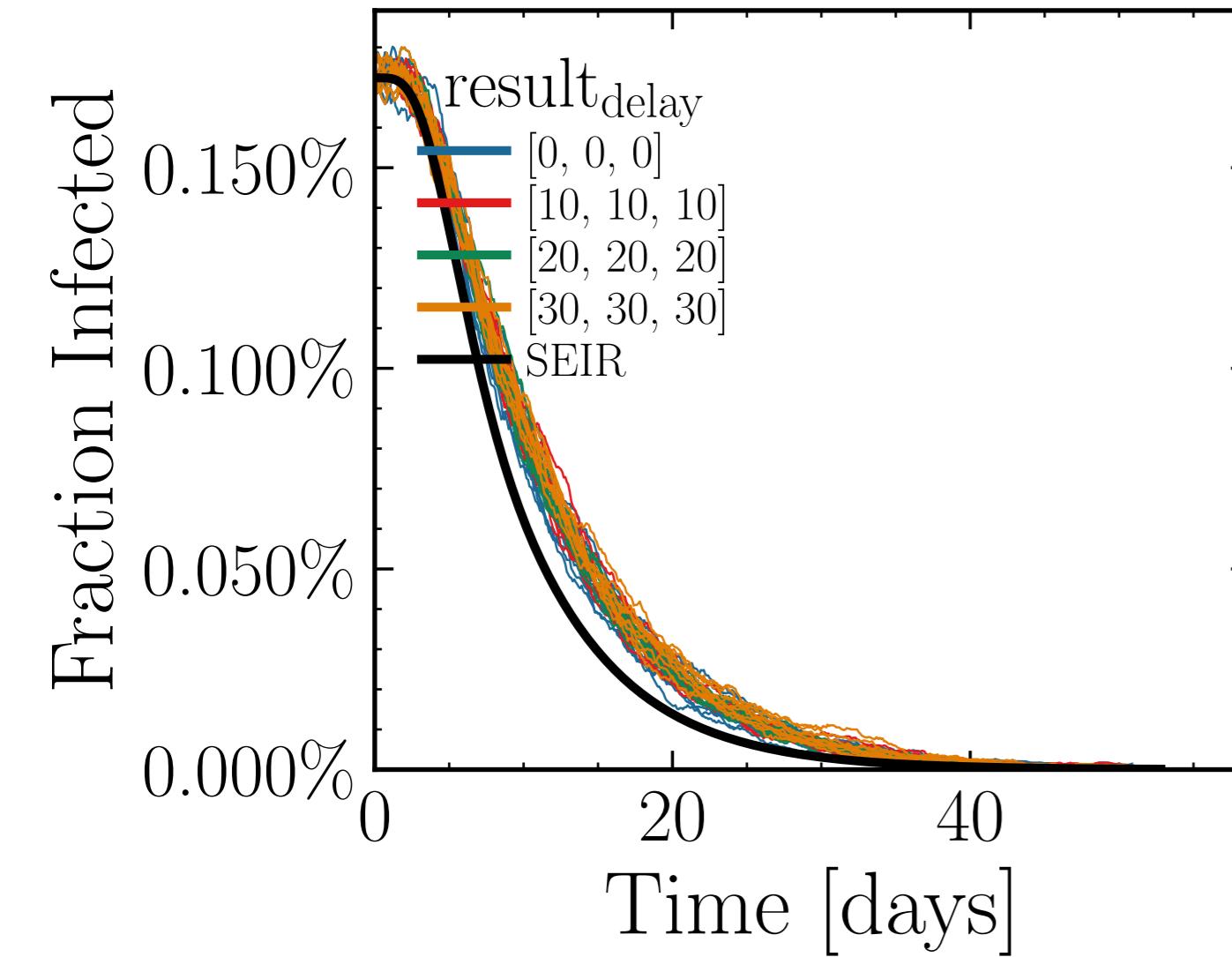
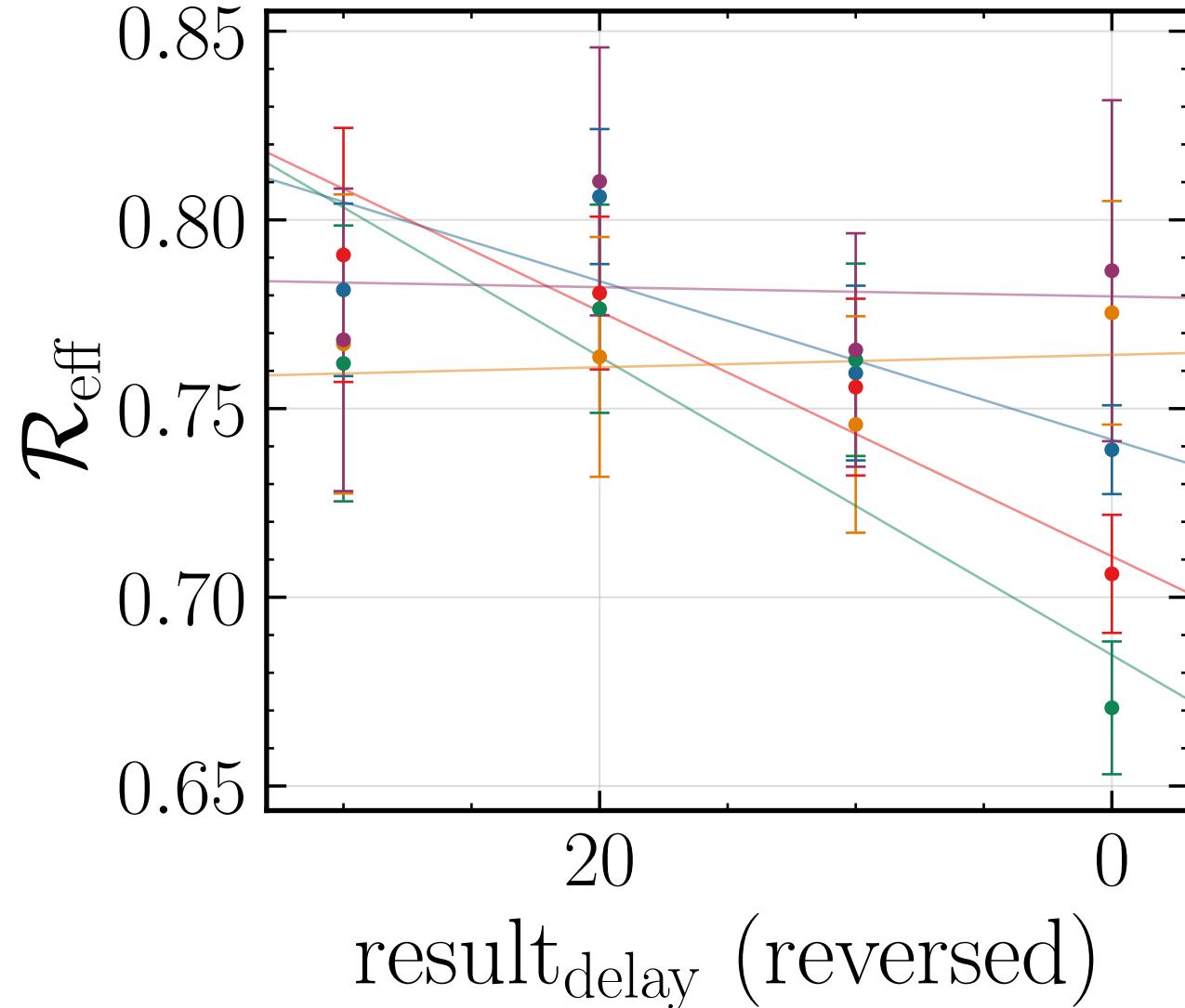
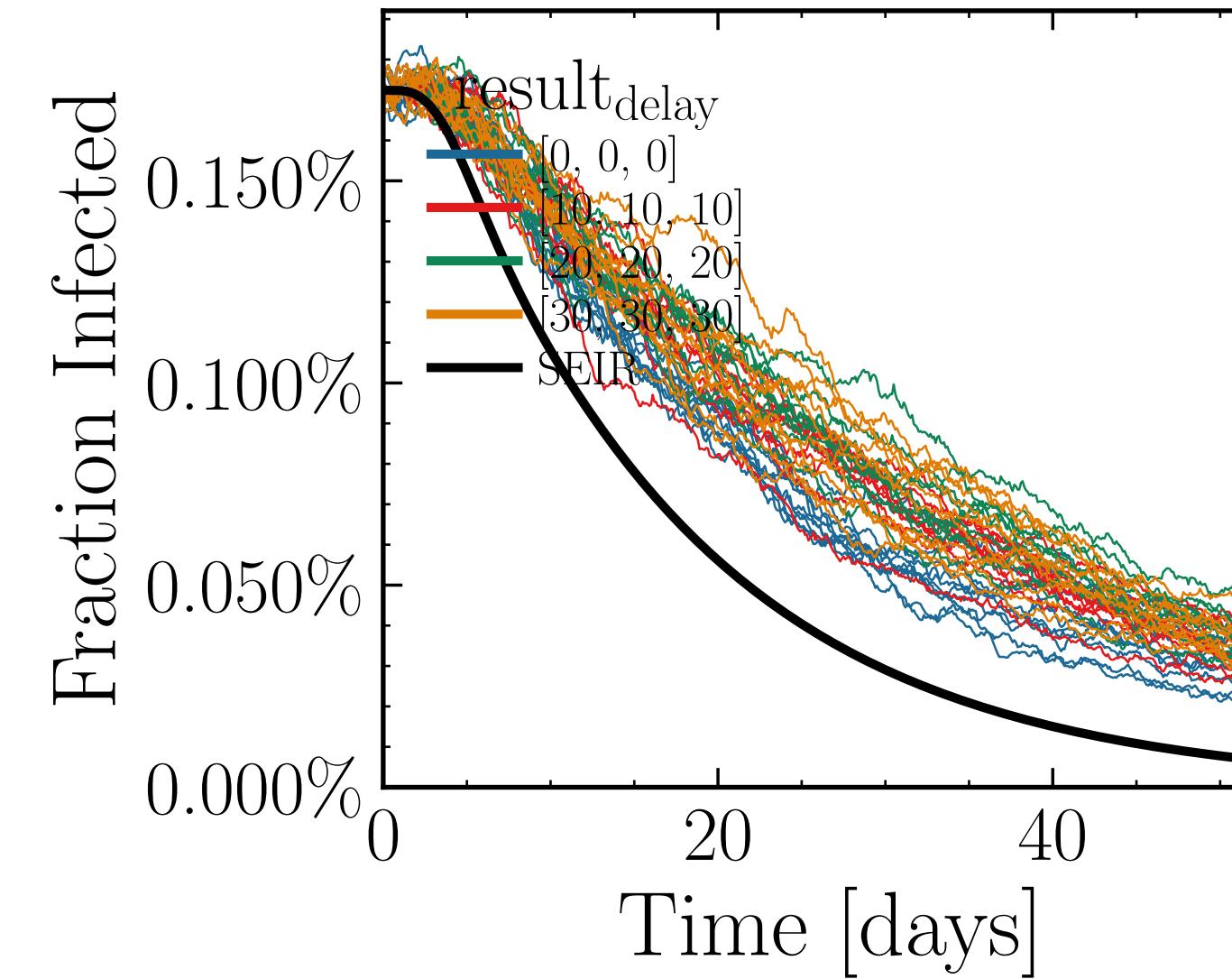


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.2022$, $\sigma_\mu = 0.0$, $\beta = 0.0084$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.733$, $N_{\text{contacts}_{\max}}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



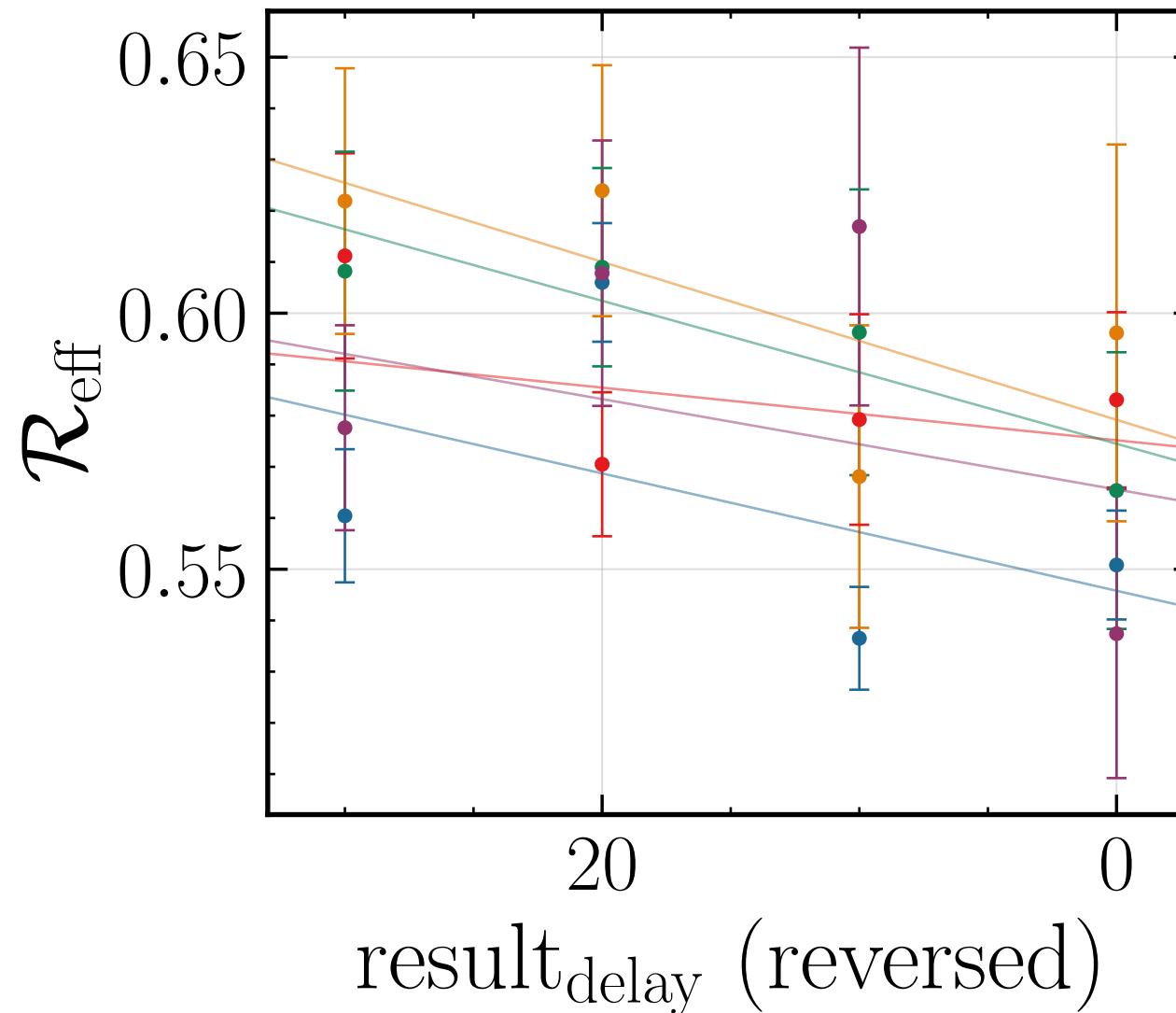
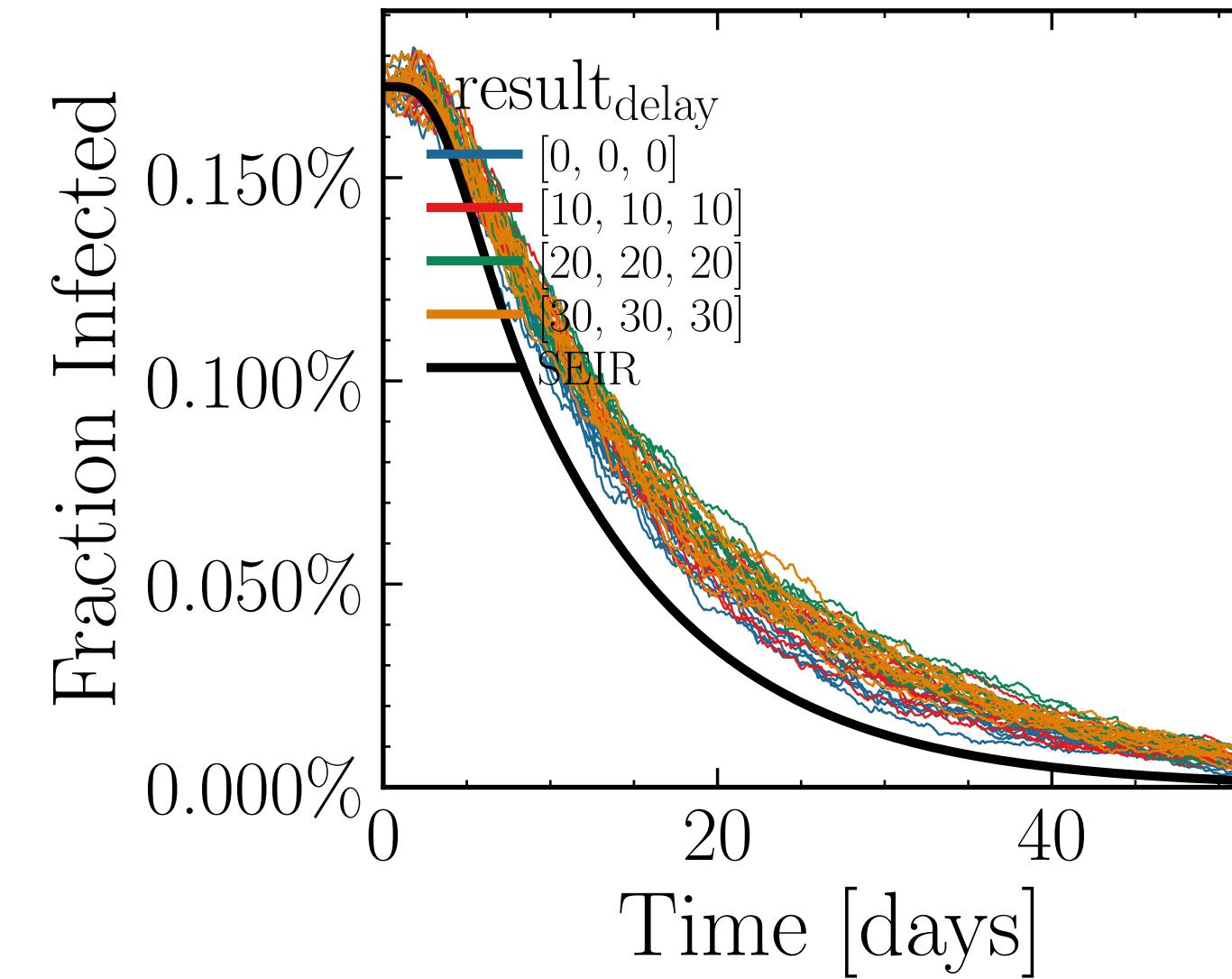
Day: 20, $a=0.0004 \pm 0.0005$
 Day: 25, $a=0.0005 \pm 0.0007$
 Day: 30, $a=-0.0004 \pm 0.0008$
 Day: 35, $a=0.000 \pm 0.001$
 Day: 40, $a=-0.002 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.7998$, $\sigma_\mu = 0.0$, $\beta = 0.0109$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



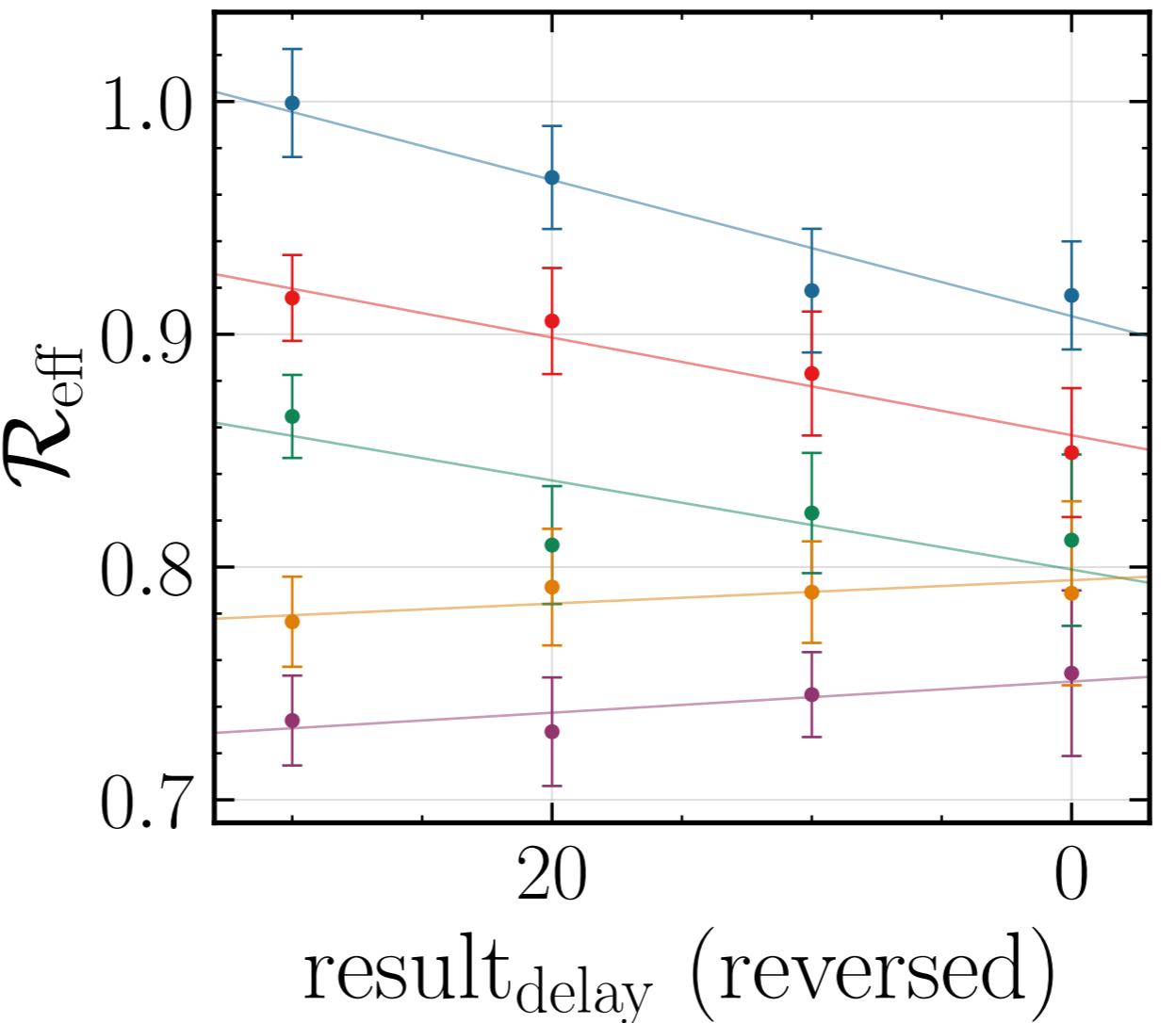
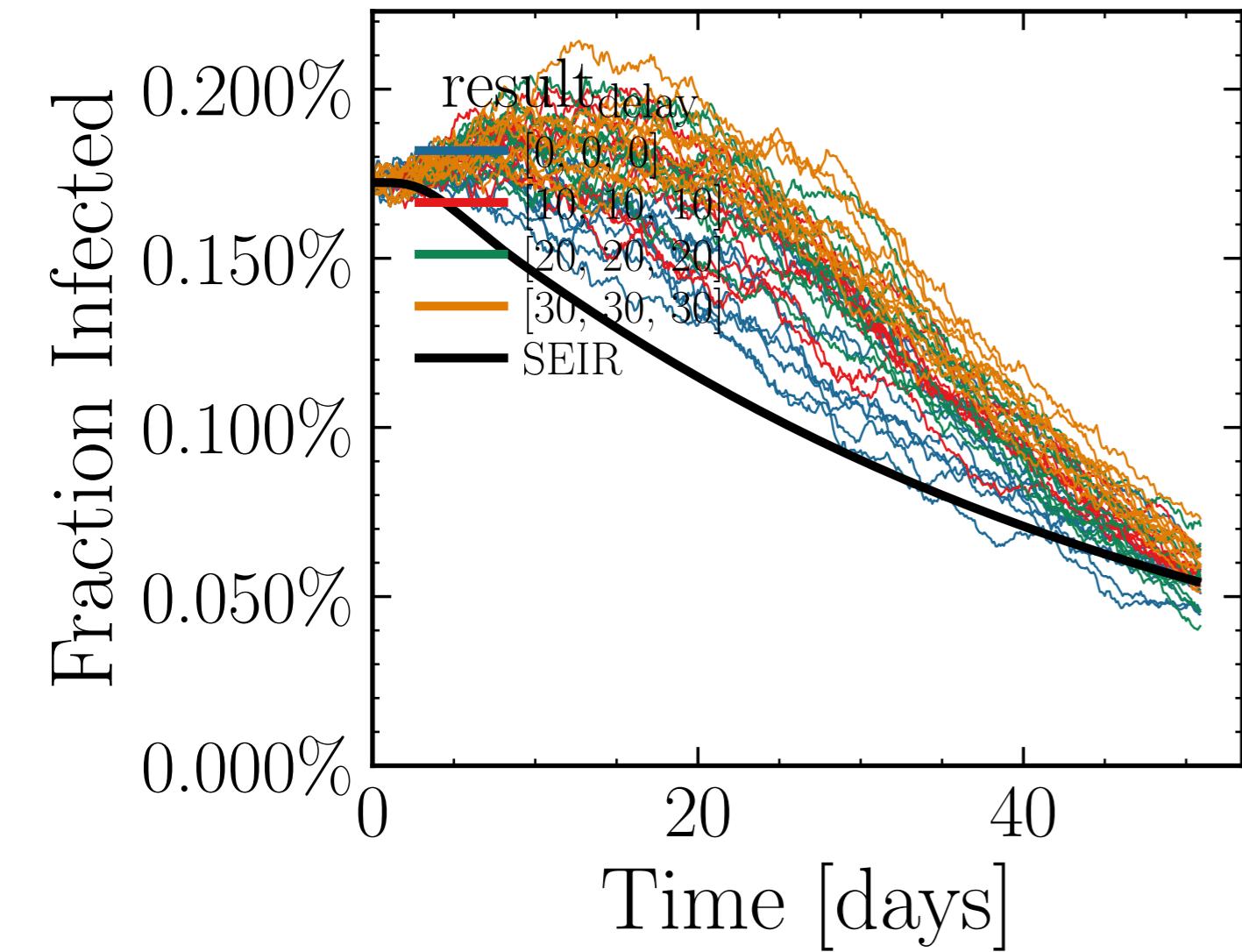
- Day: 20, $a=0.0021 \pm 0.0007$
- Day: 25, $a=0.003 \pm 0.001$
- Day: 30, $a=0.004 \pm 0.001$
- Day: 35, $a=0.000 \pm 0.002$
- Day: 40, $a=0.000 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.7361$, $\sigma_\mu = 0.0$, $\beta = 0.0088$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



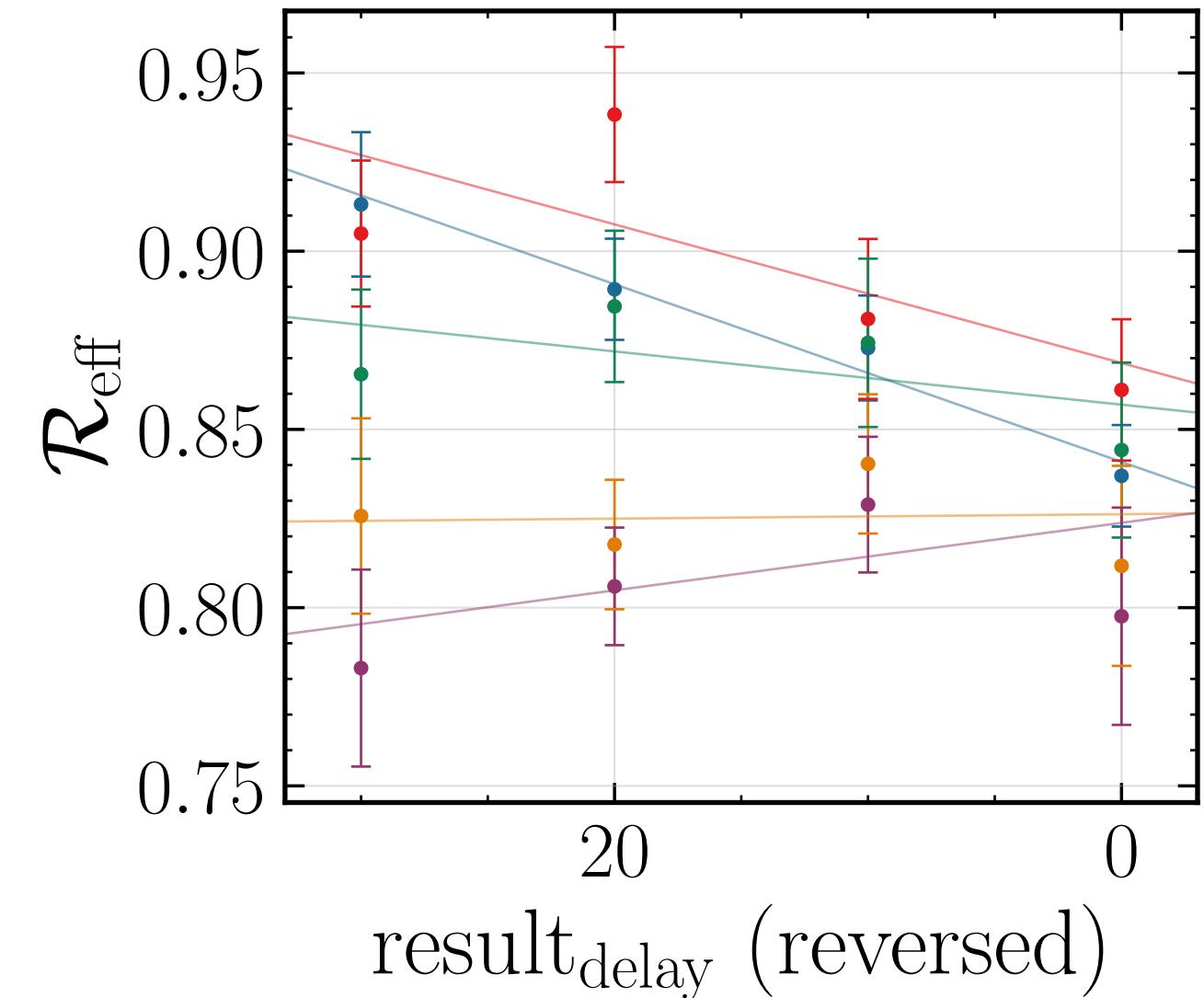
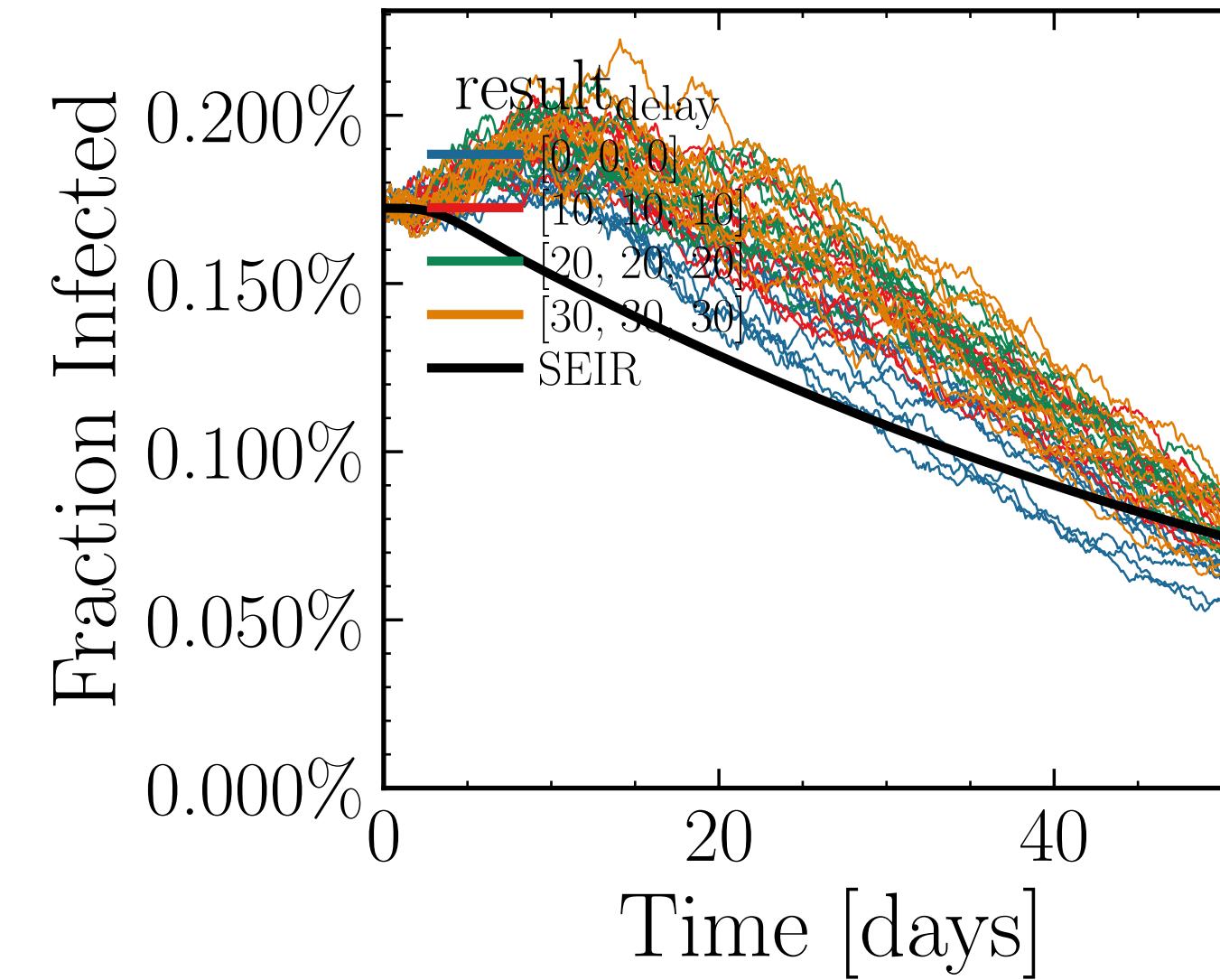
Day: 20, a=0.0011 ± 0.0005
Day: 25, a=0.0005 ± 0.0008
Day: 30, a=0.001 ± 0.001
Day: 35, a=0.002 ± 0.001
Day: 40, a=0.001 ± 0.001

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



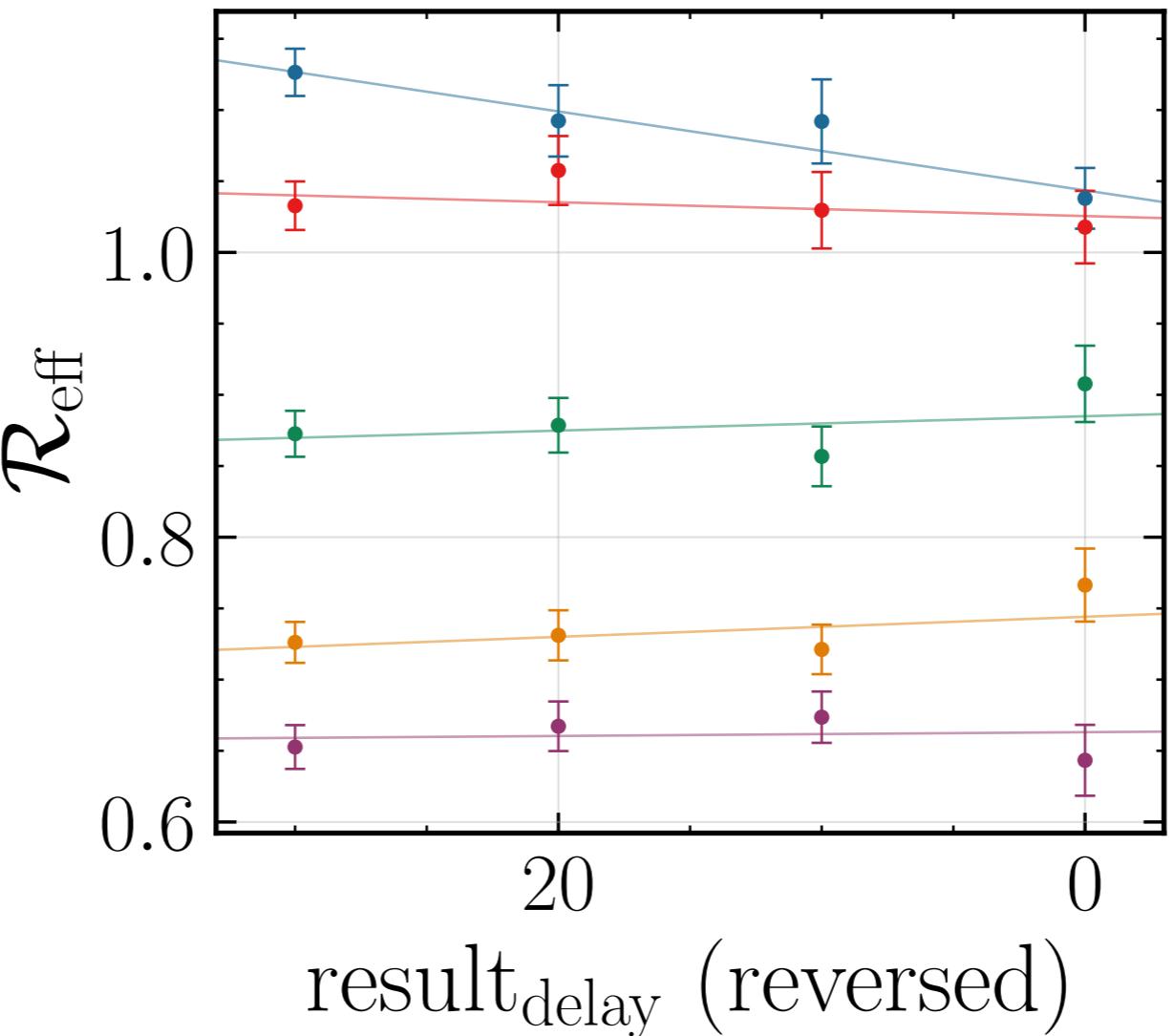
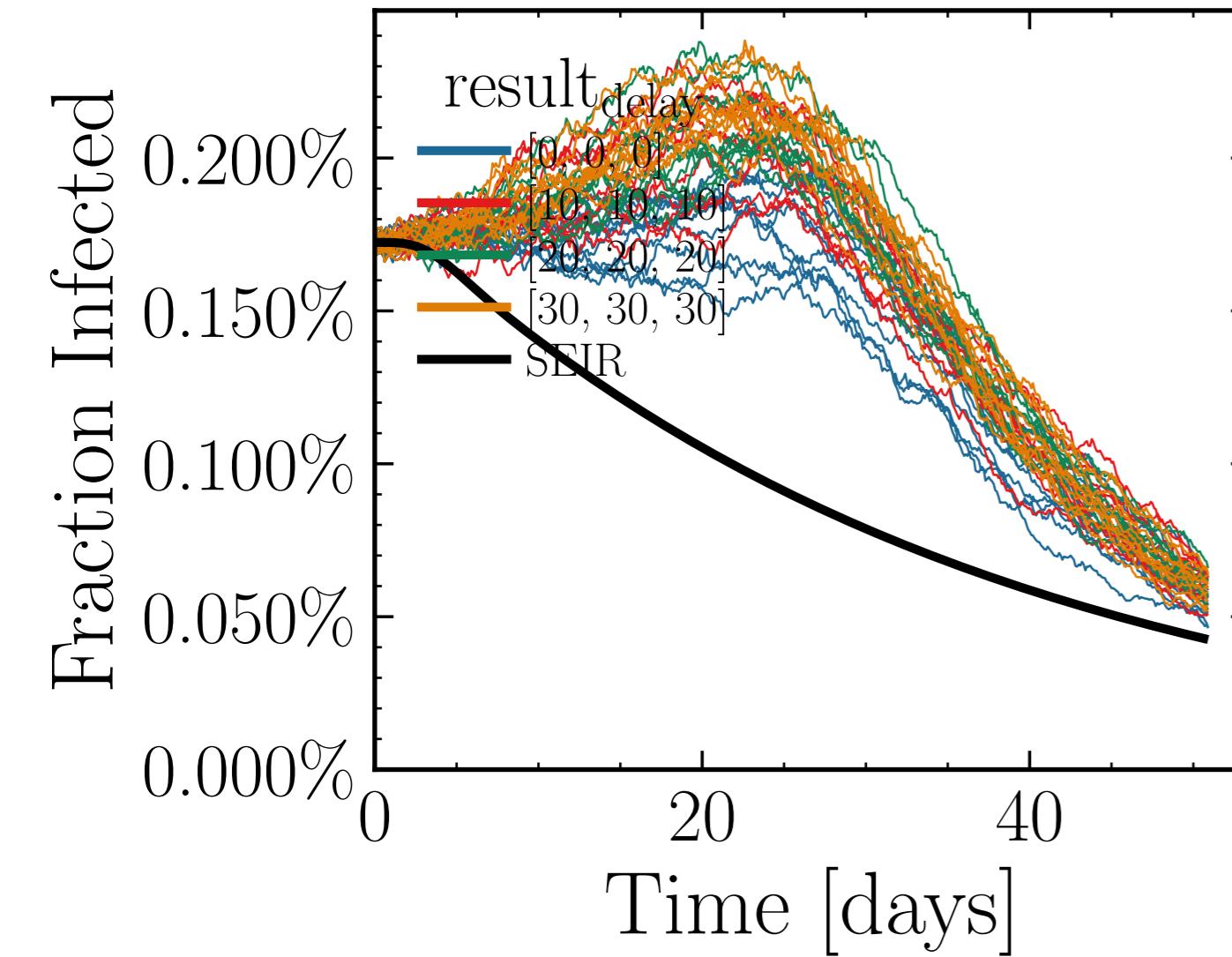
Day: 20, a=0.003 ± 0.001
Day: 25, a=0.002 ± 0.001
Day: 30, a=0.002 ± 0.001
Day: 35, a=-0.001 ± 0.001
Day: 40, a=-0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 18.9177$, $\sigma_\mu = 0.0$, $\beta = 0.0119$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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_{dailytests} = 0.01, test_{delay} = [0, 0, 25]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



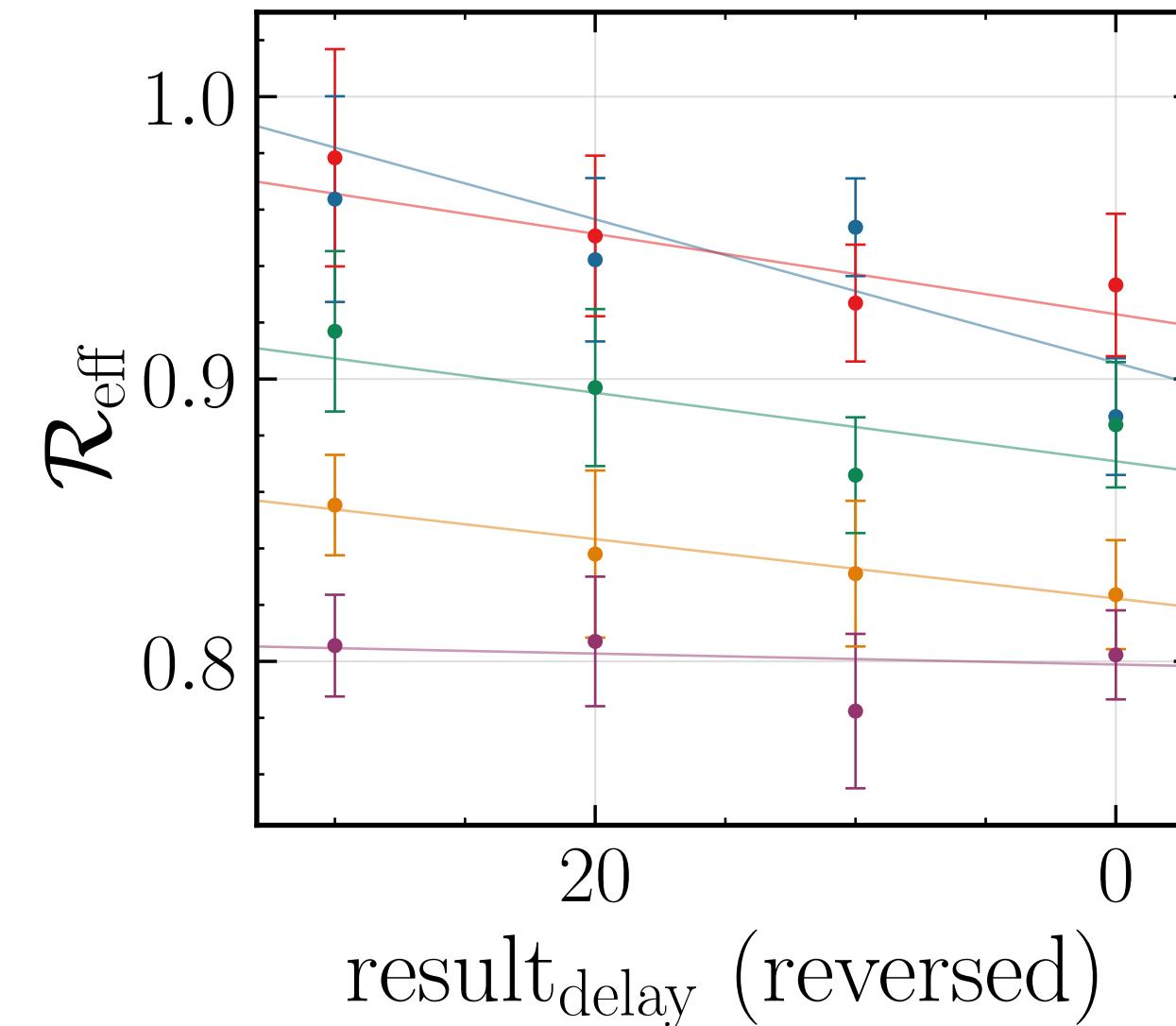
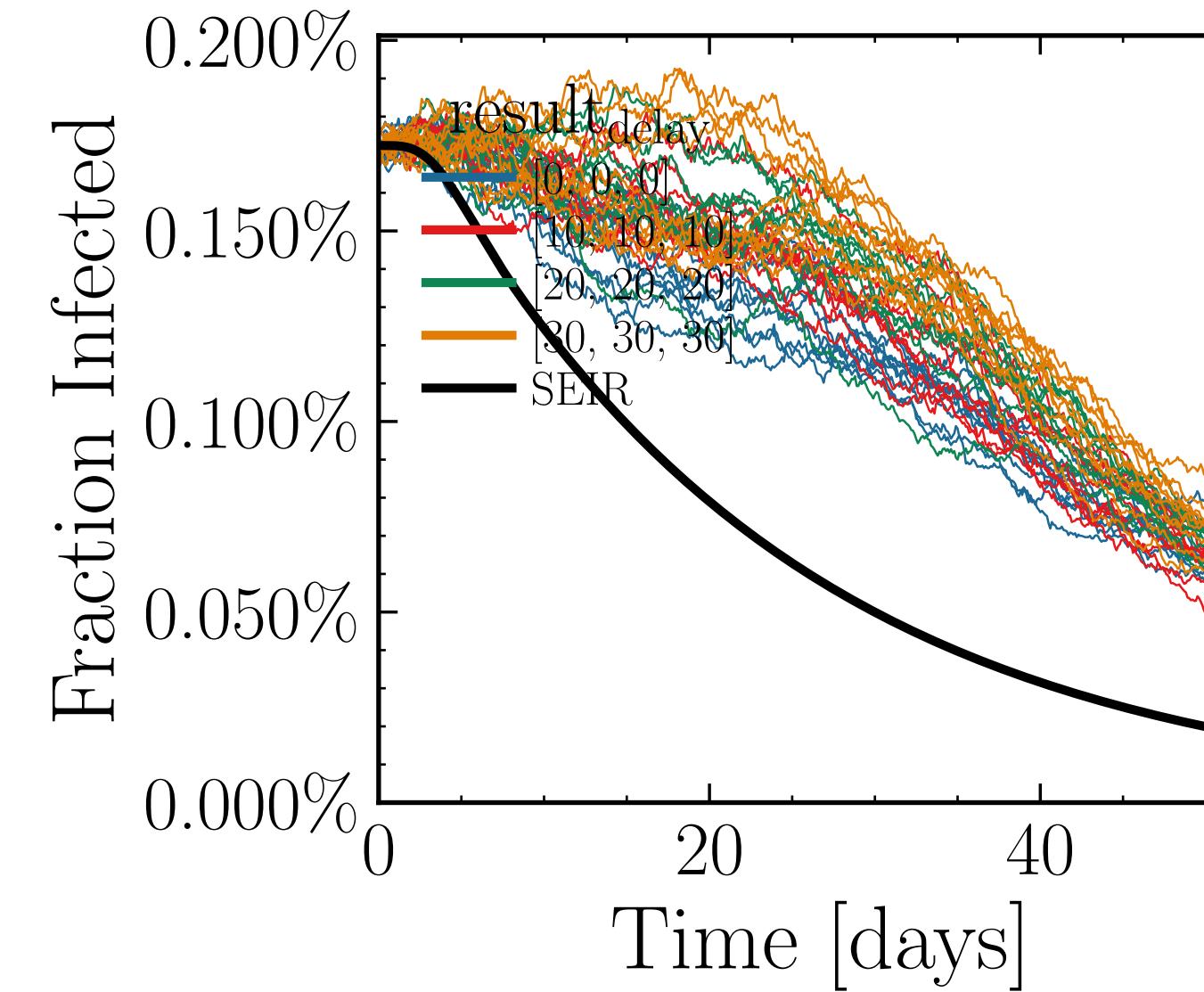
Day: 20, $a=0.0025 \pm 0.0007$
 Day: 25, $a=0.0019 \pm 0.0009$
 Day: 30, $a=0.001 \pm 0.001$
 Day: 35, $a=0.000 \pm 0.001$
 Day: 40, $a=-0.001 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.3992$, $\sigma_\mu = 0.0$, $\beta = 0.0127$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4573$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.8K$, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



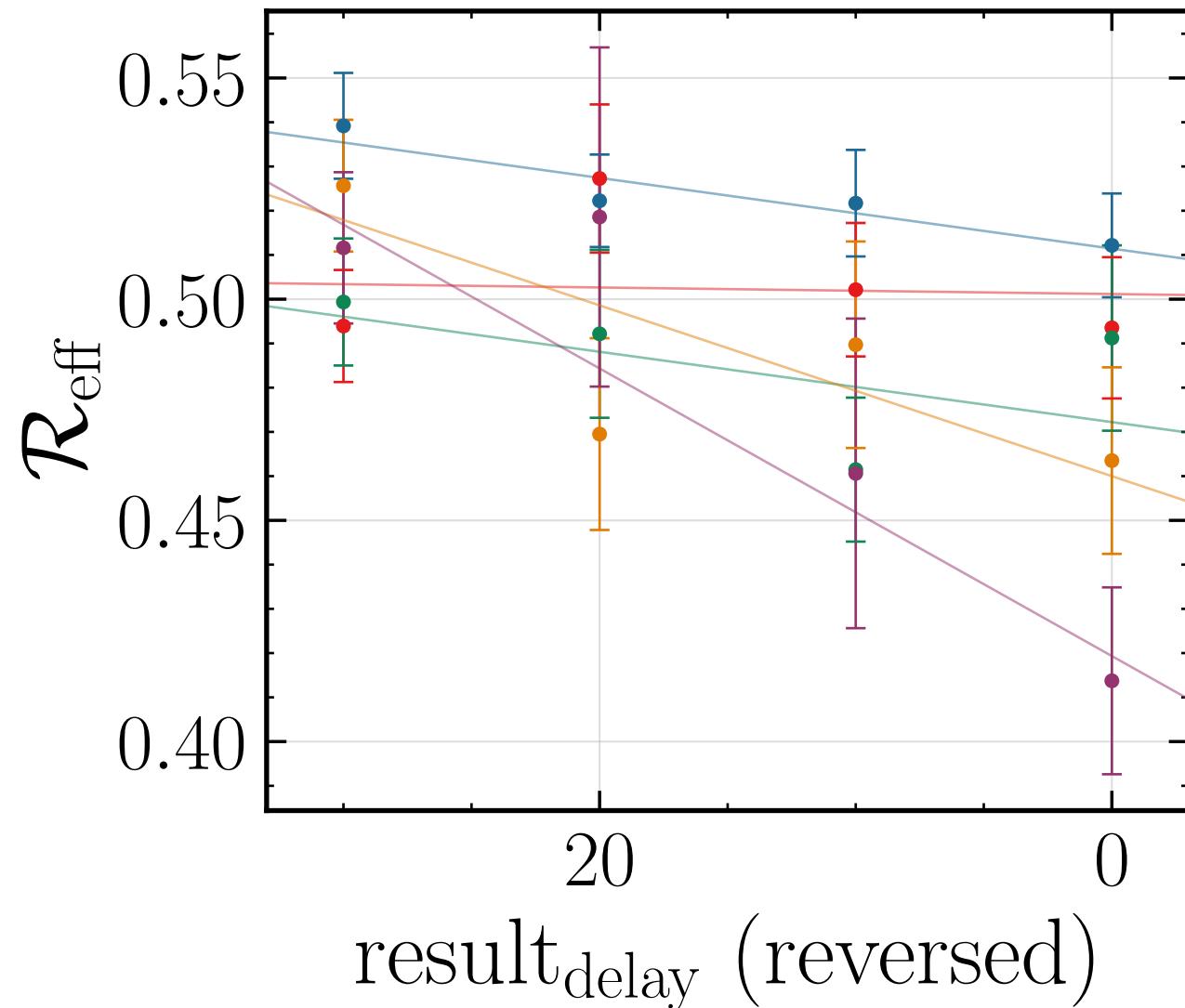
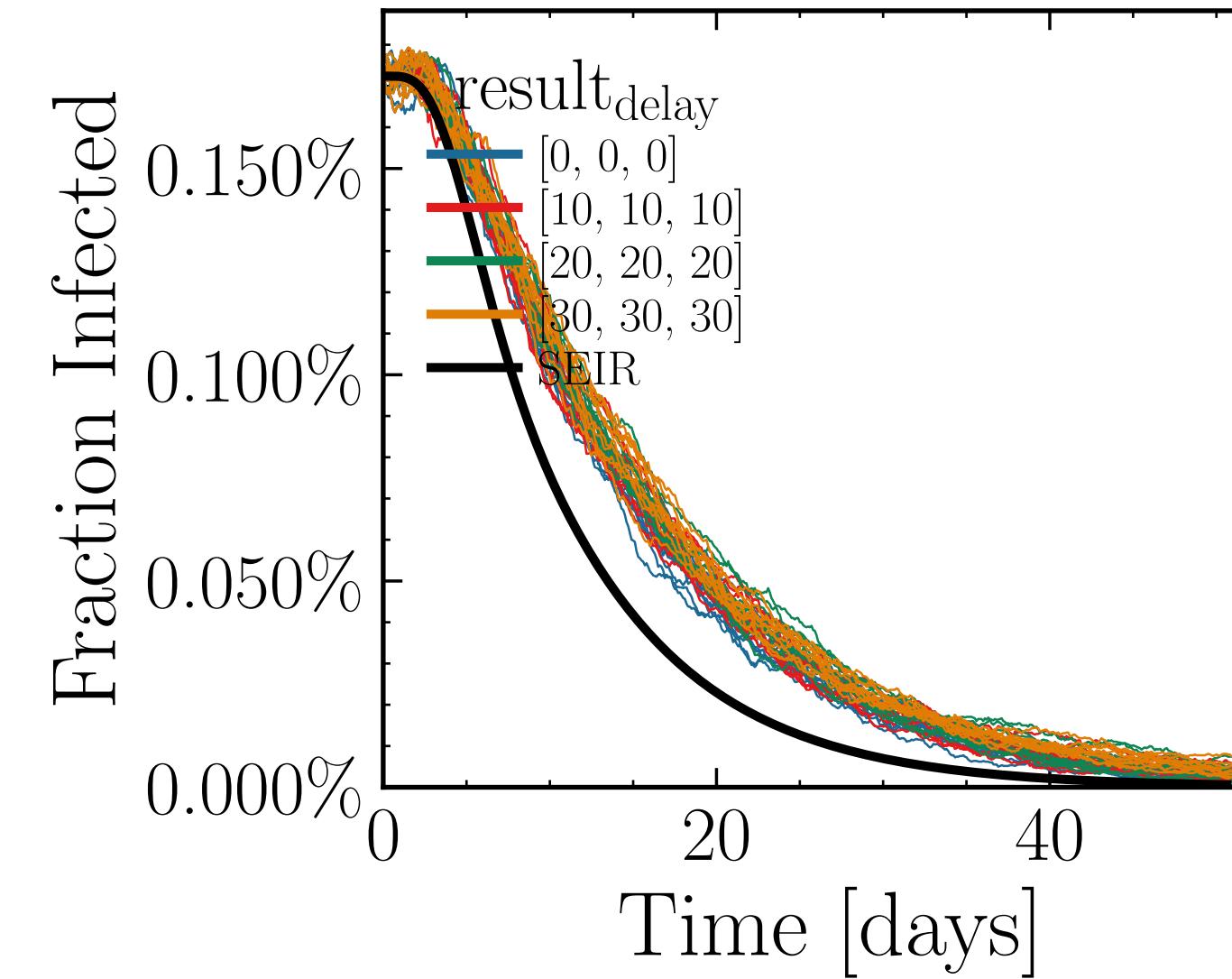
Day: 20, $a=0.0028 \pm 0.0009$
 Day: 25, $a=0.000 \pm 0.001$
 Day: 30, $a=-0.0005 \pm 0.0009$
 Day: 35, $a=-0.0007 \pm 0.0008$
 Day: 40, $a=-0.0001 \pm 0.0009$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.736$, $\sigma_\mu = 0.0$, $\beta = 0.0126$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



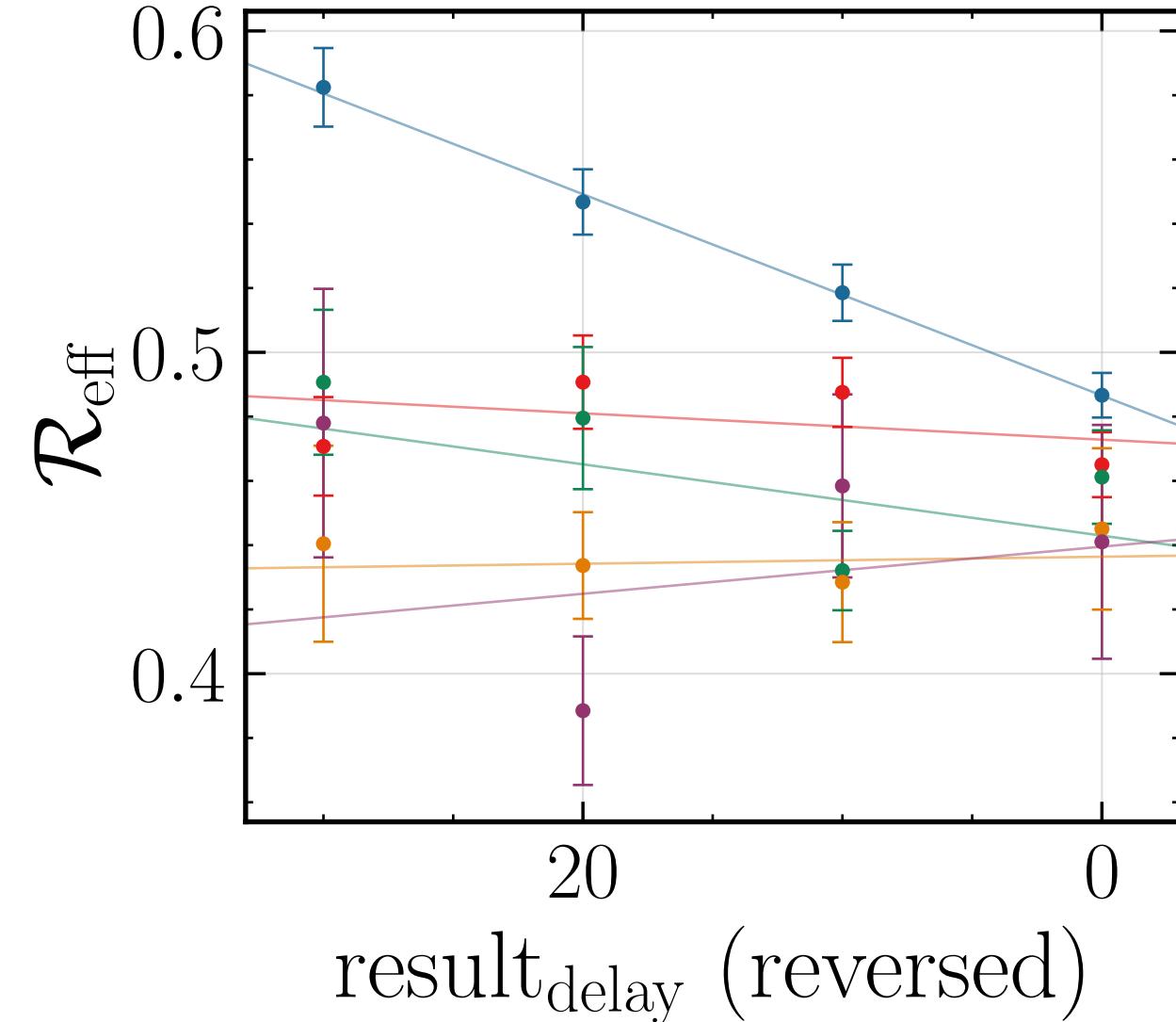
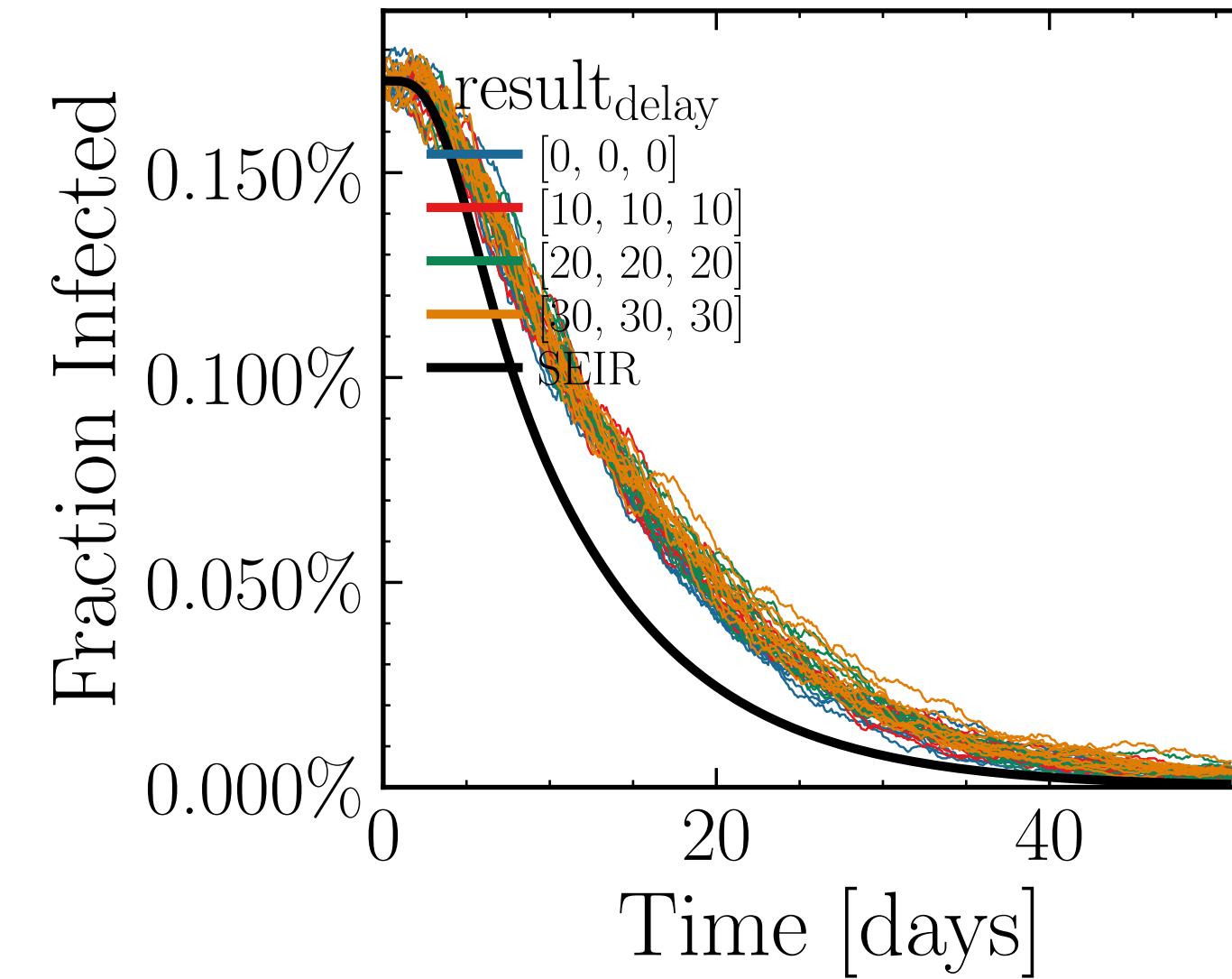
- Day: 20, $a=0.003 \pm 0.001$
- Day: 25, $a=0.001 \pm 0.001$
- Day: 30, $a=0.001 \pm 0.001$
- Day: 35, $a=0.0011 \pm 0.0009$
- Day: 40, $a=0.0002 \pm 0.0008$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.1879$, $\sigma_\mu = 0.0$, $\beta = 0.0107$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



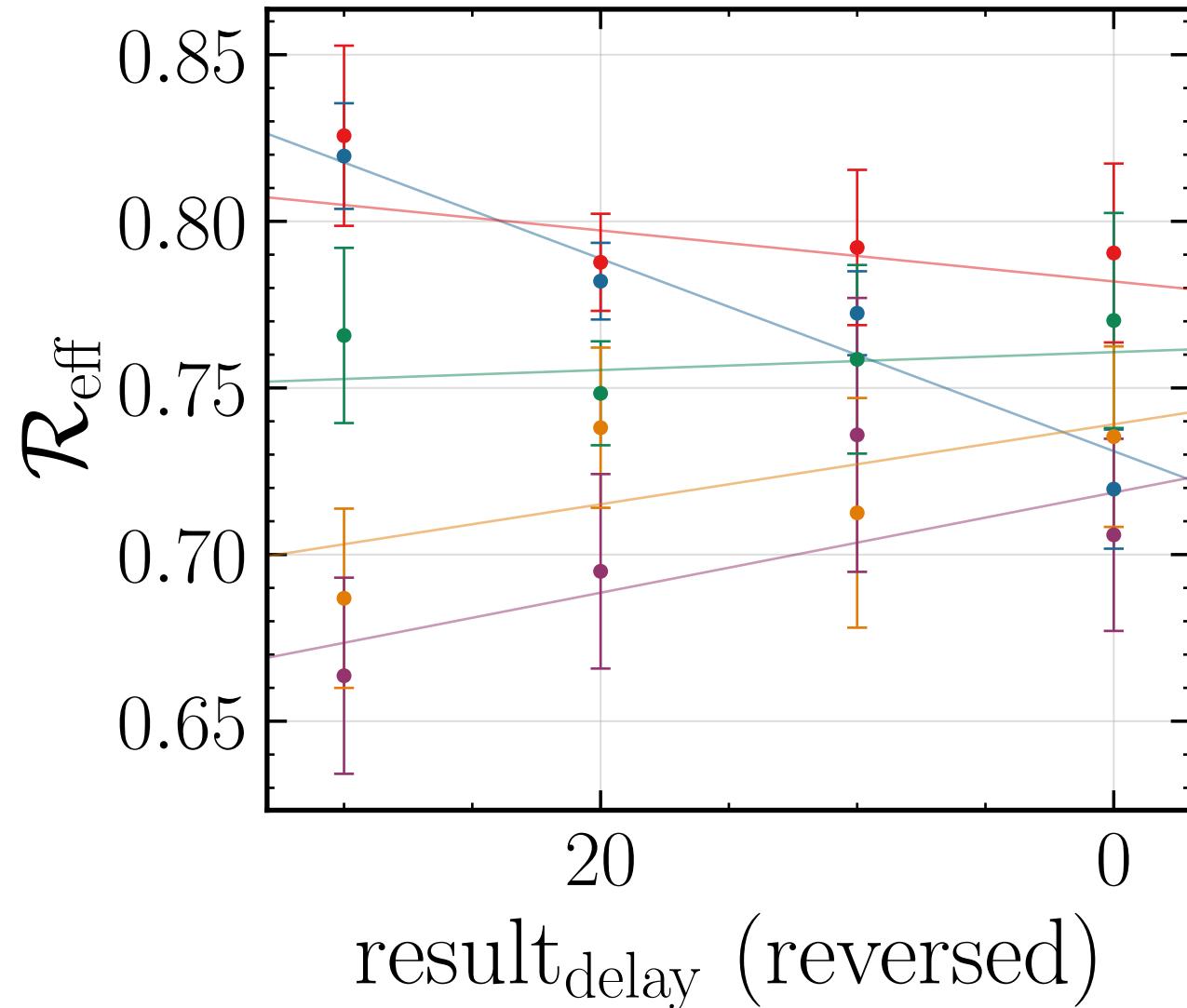
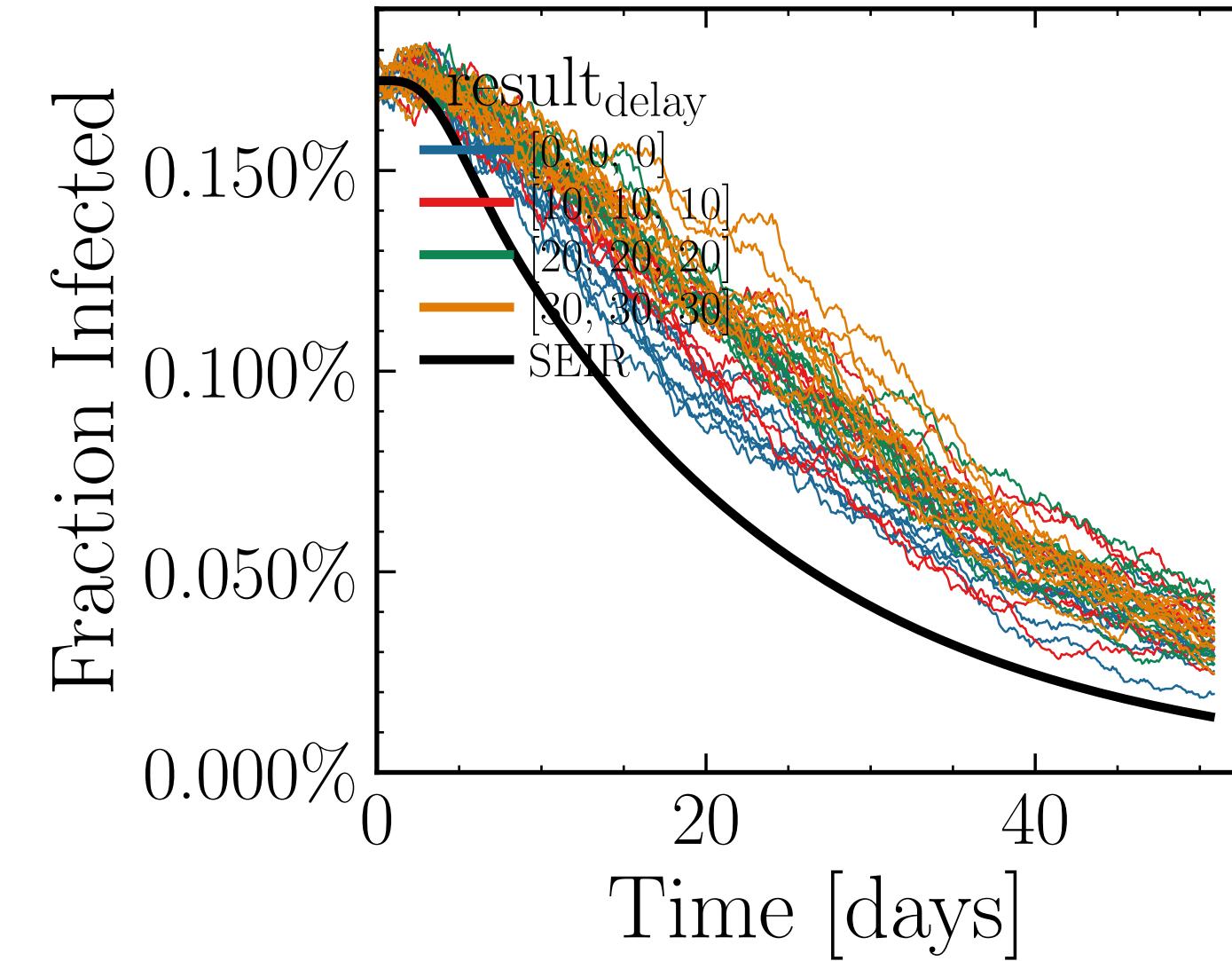
Day: 20, $a=0.0008 \pm 0.0005$
 Day: 25, $a=0.0001 \pm 0.0006$
 Day: 30, $a=0.0008 \pm 0.0008$
 Day: 35, $a=0.0019 \pm 0.0008$
 Day: 40, $a=0.0033 \pm 0.0009$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.6023$, $\sigma_\mu = 0.0$, $\beta = 0.0106$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



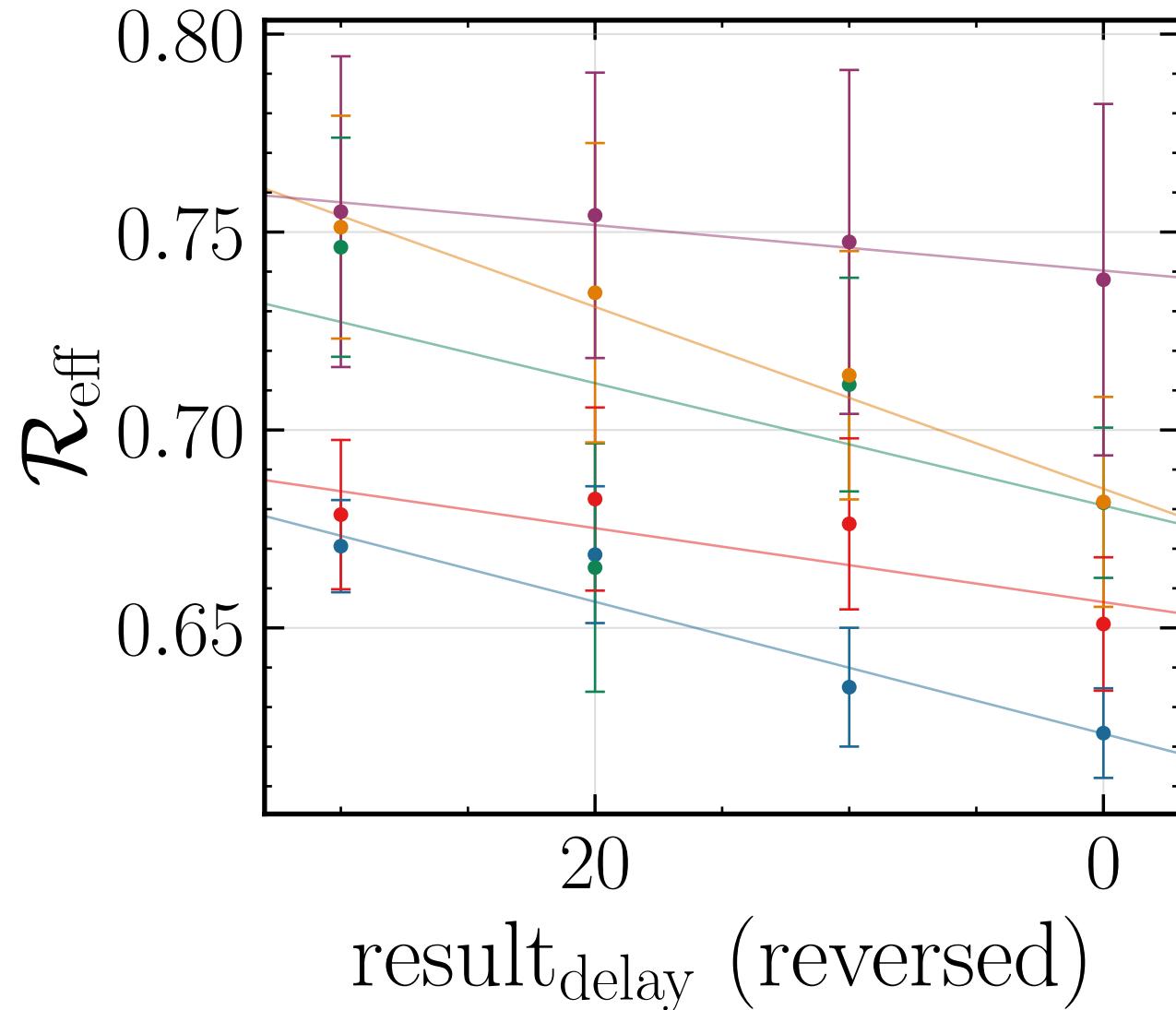
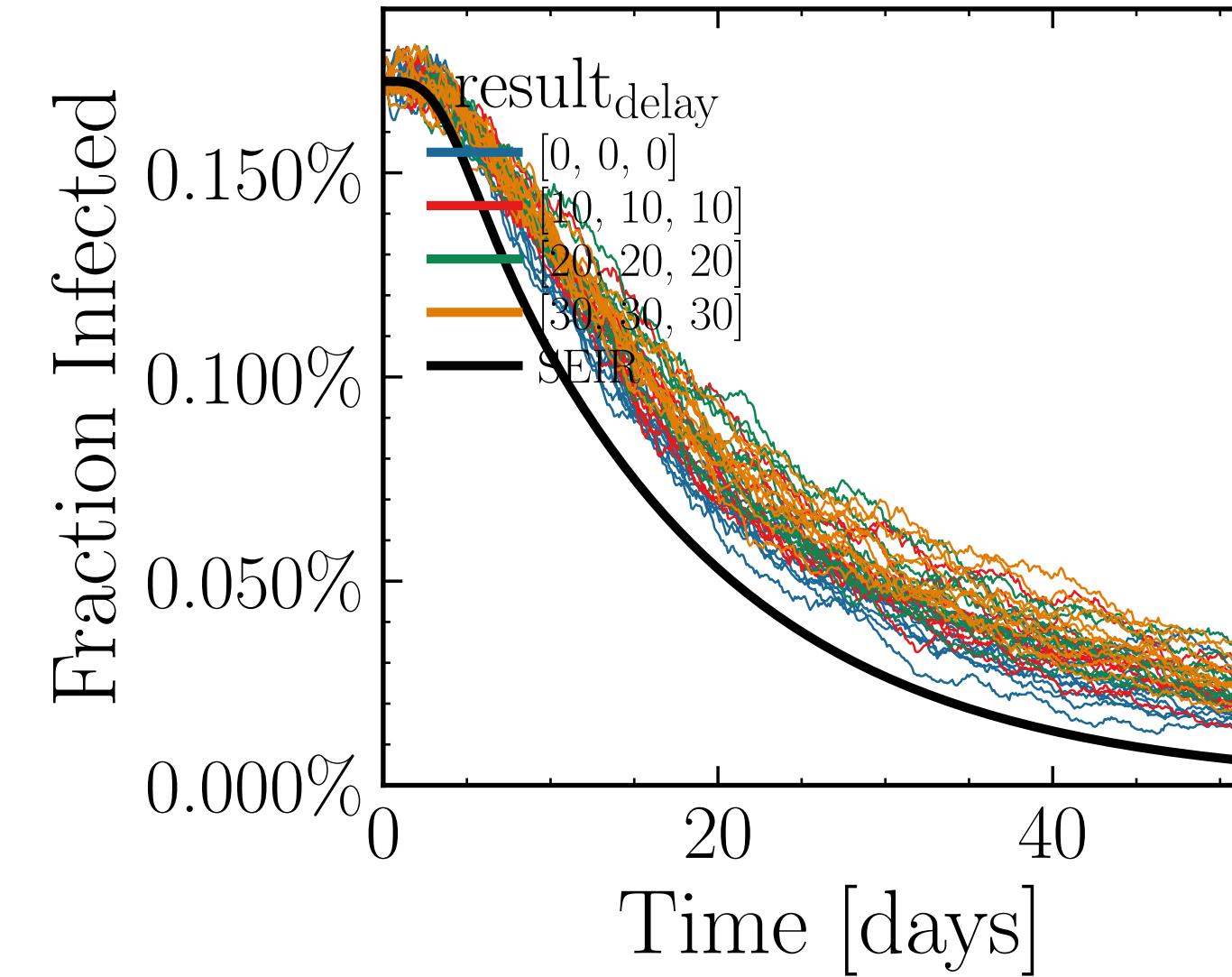
Day: 20, a=0.0031 ± 0.0004
Day: 25, a=0.0004 ± 0.0006
Day: 30, a=0.0011 ± 0.0008
Day: 35, a=0.000 ± 0.001
Day: 40, a=-0.001 ± 0.002

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.026$, $\sigma_\mu = 0.0$, $\beta = 0.0093$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.58$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.62K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.773, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



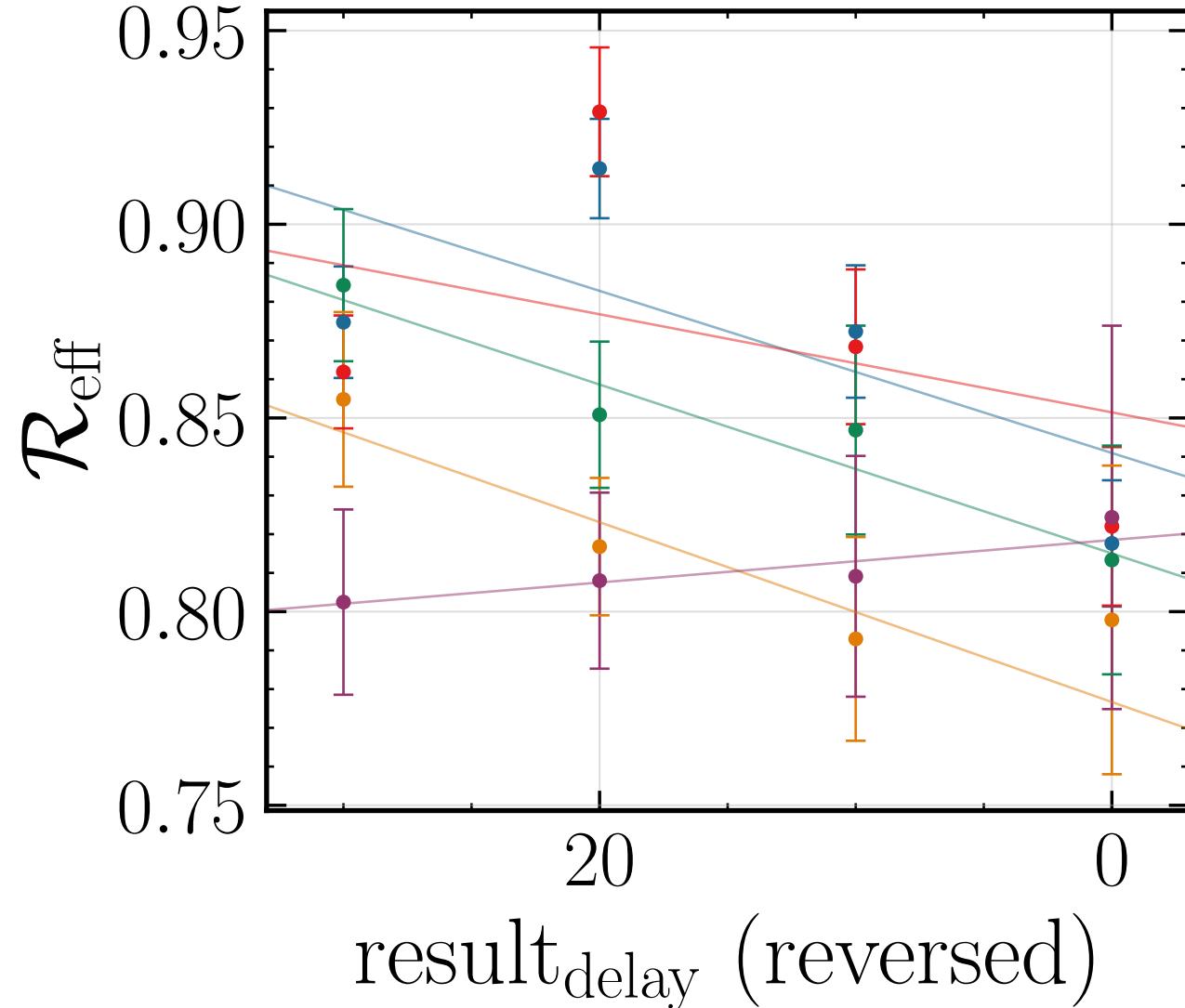
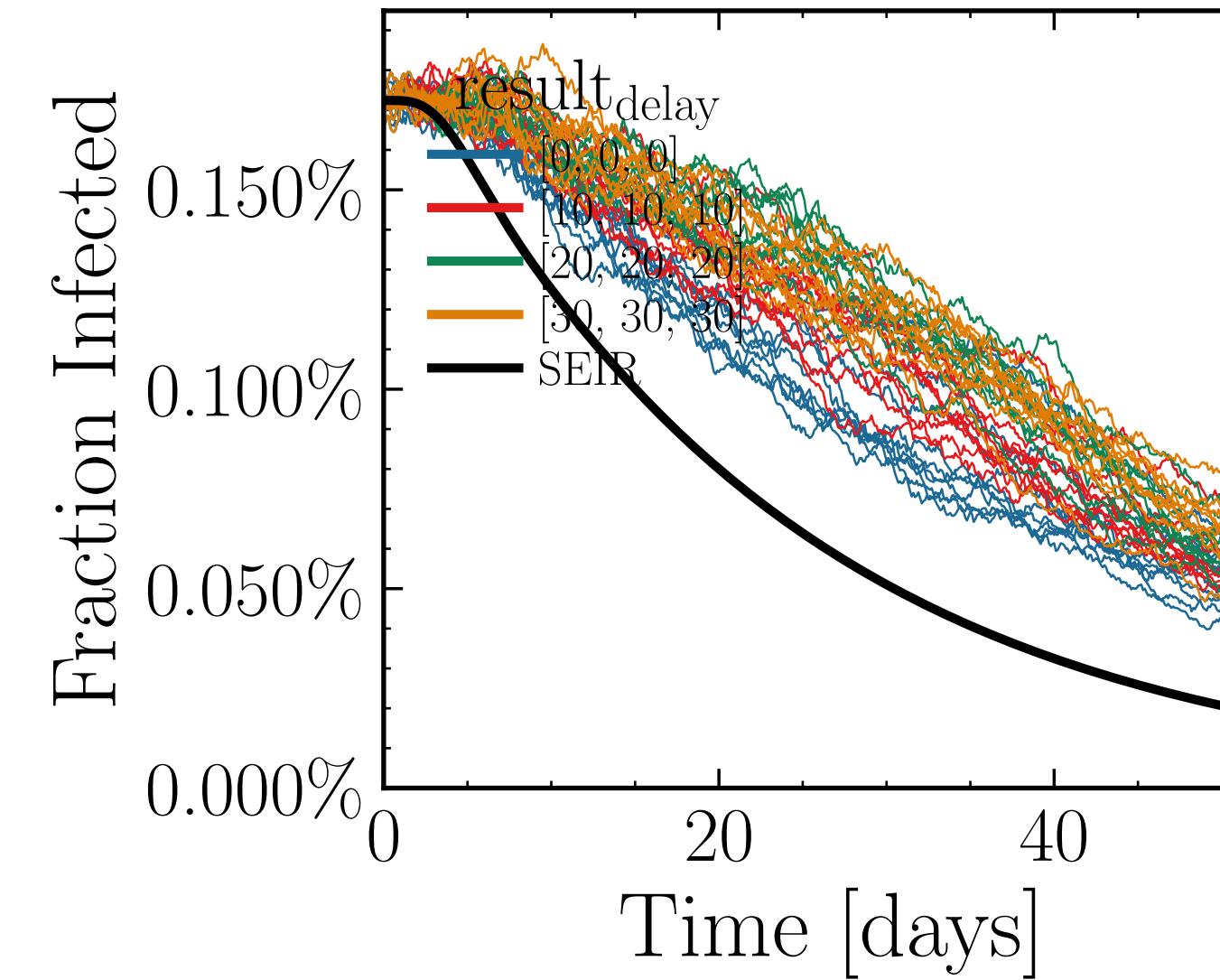
Day: 20, $a=0.0029 \pm 0.0007$
 Day: 25, $a=0.001 \pm 0.001$
 Day: 30, $a=0.000 \pm 0.001$
 Day: 35, $a=-0.001 \pm 0.001$
 Day: 40, $a=-0.002 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.5069$, $\sigma_\mu = 0.0$, $\beta = 0.009$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

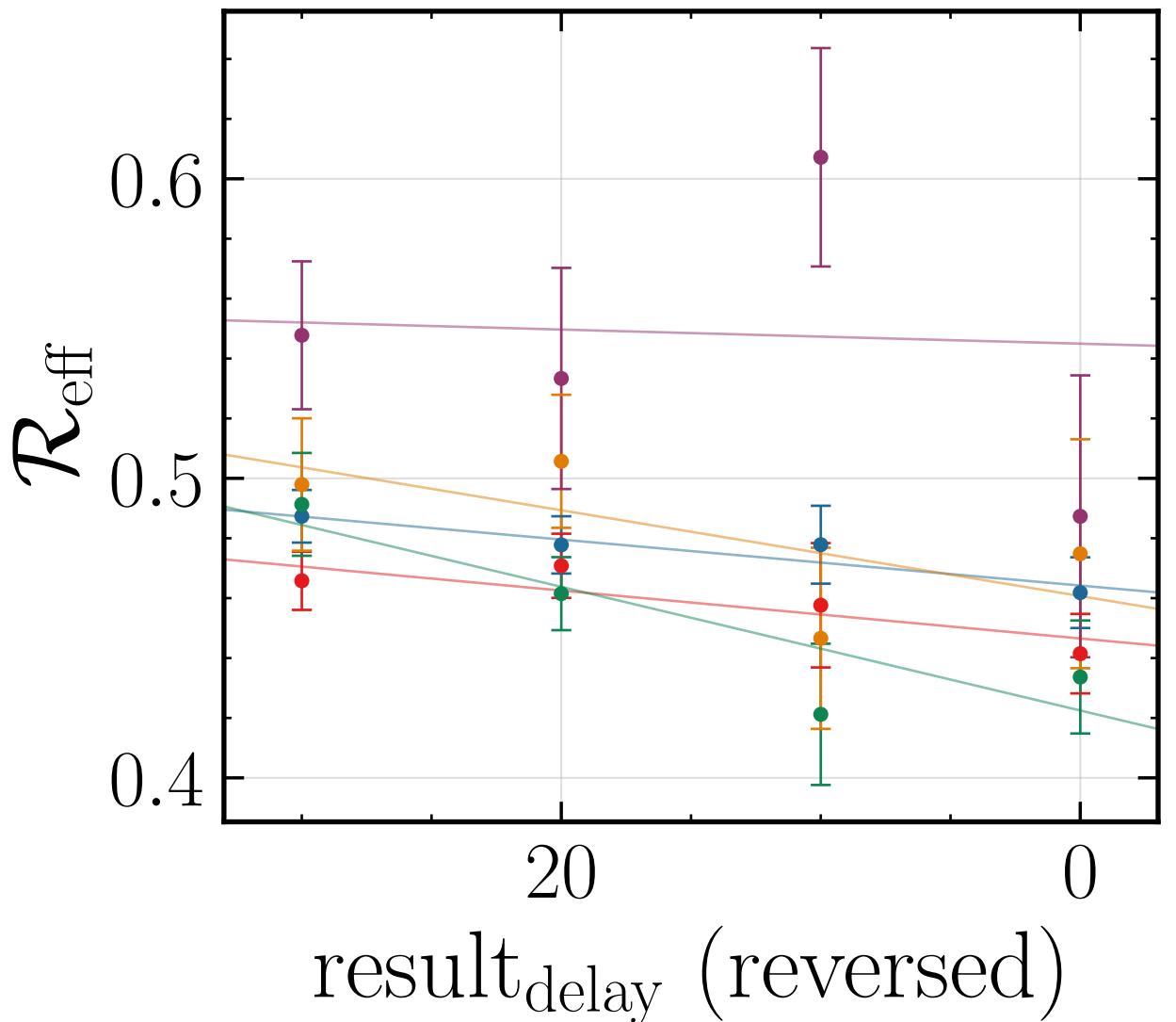
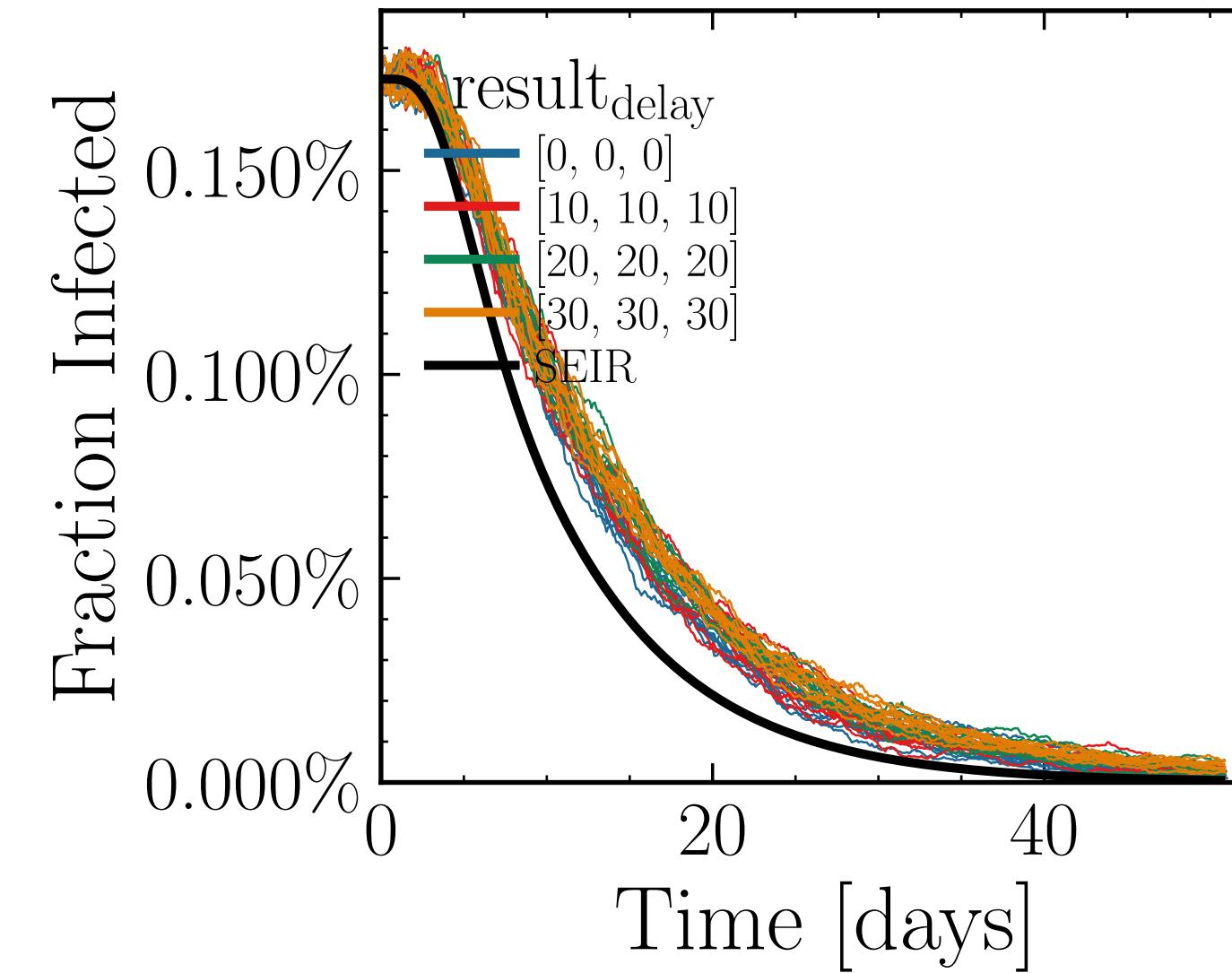


- Day: 20, $a=0.0017 \pm 0.0005$
- Day: 25, $a=0.0009 \pm 0.0008$
- Day: 30, $a=0.002 \pm 0.001$
- Day: 35, $a=0.002 \pm 0.001$
- Day: 40, $a=0.001 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.8185$, $\sigma_\mu = 0.0$, $\beta = 0.0118$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

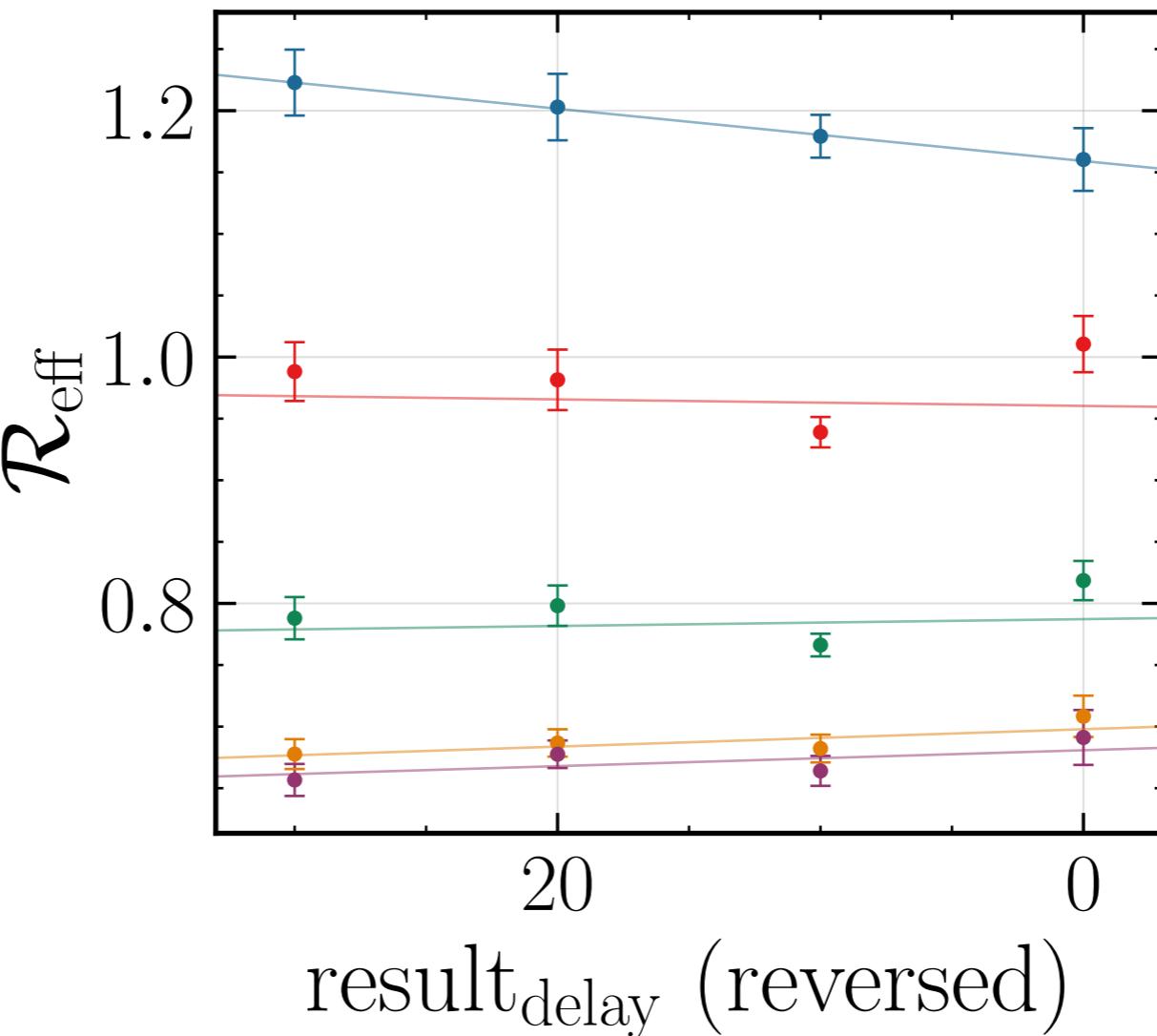
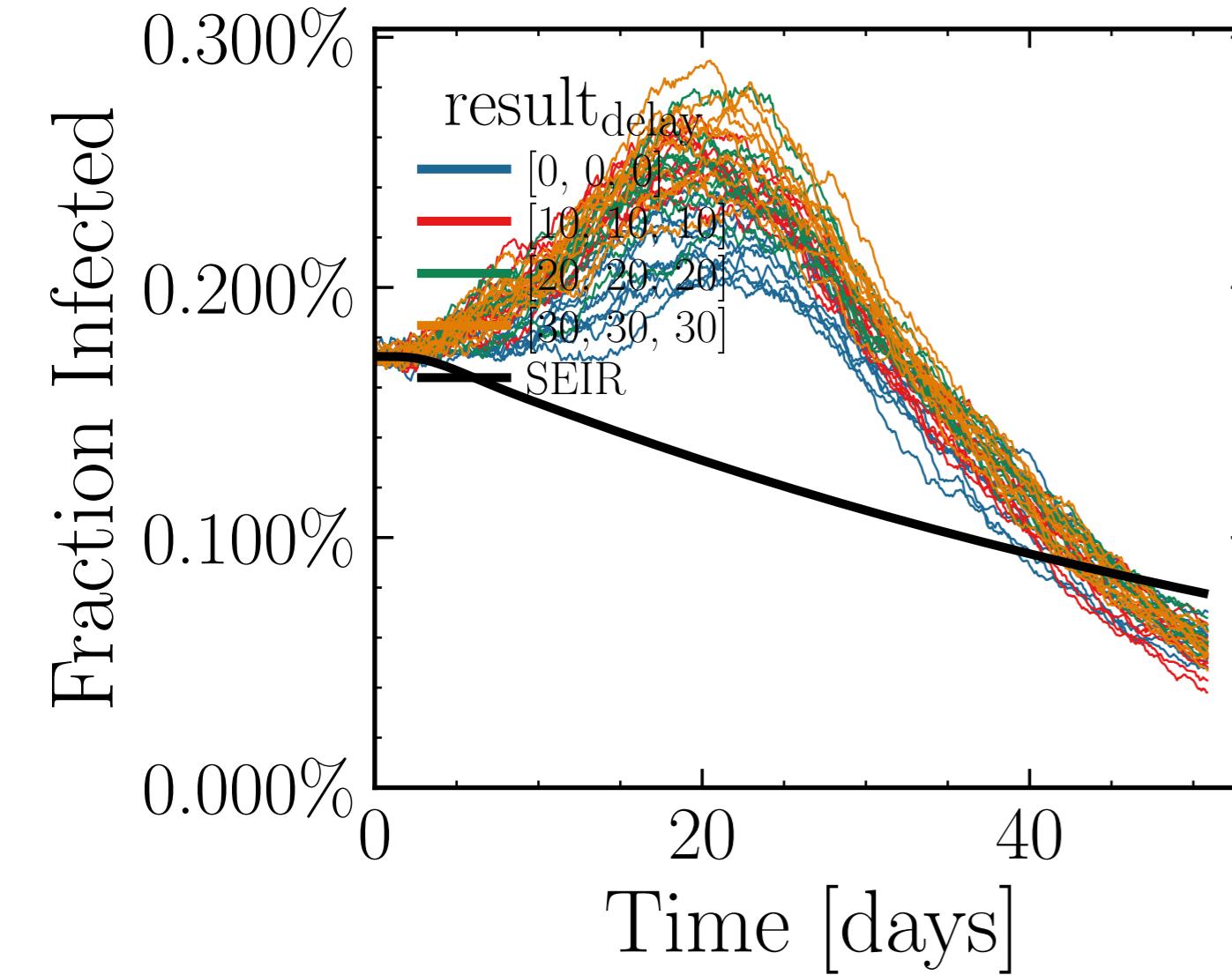


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.1038$, $\sigma_\mu = 0.0$, $\beta = 0.0095$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6625$, $N_{\text{contacts}_{\max}}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

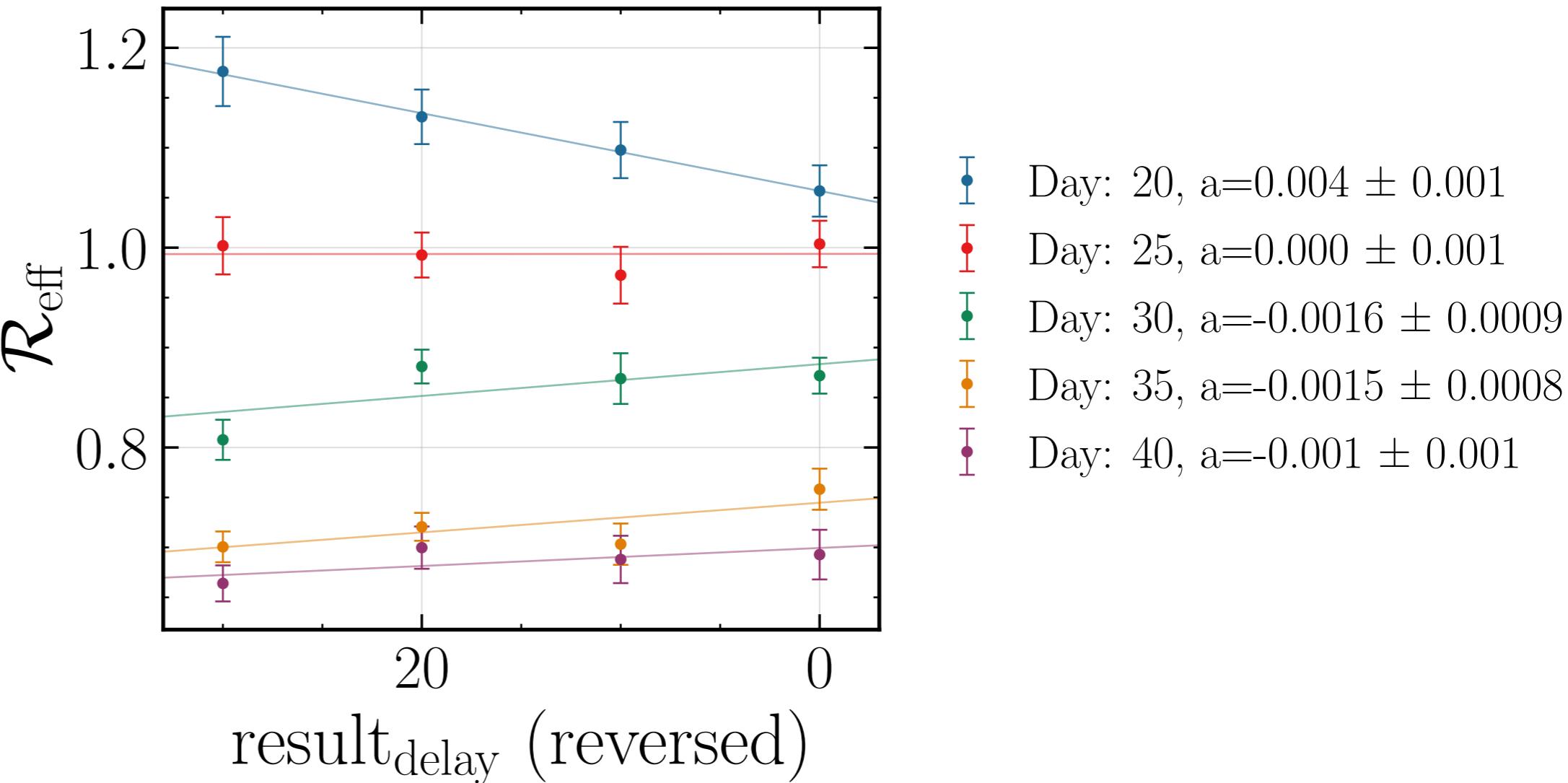
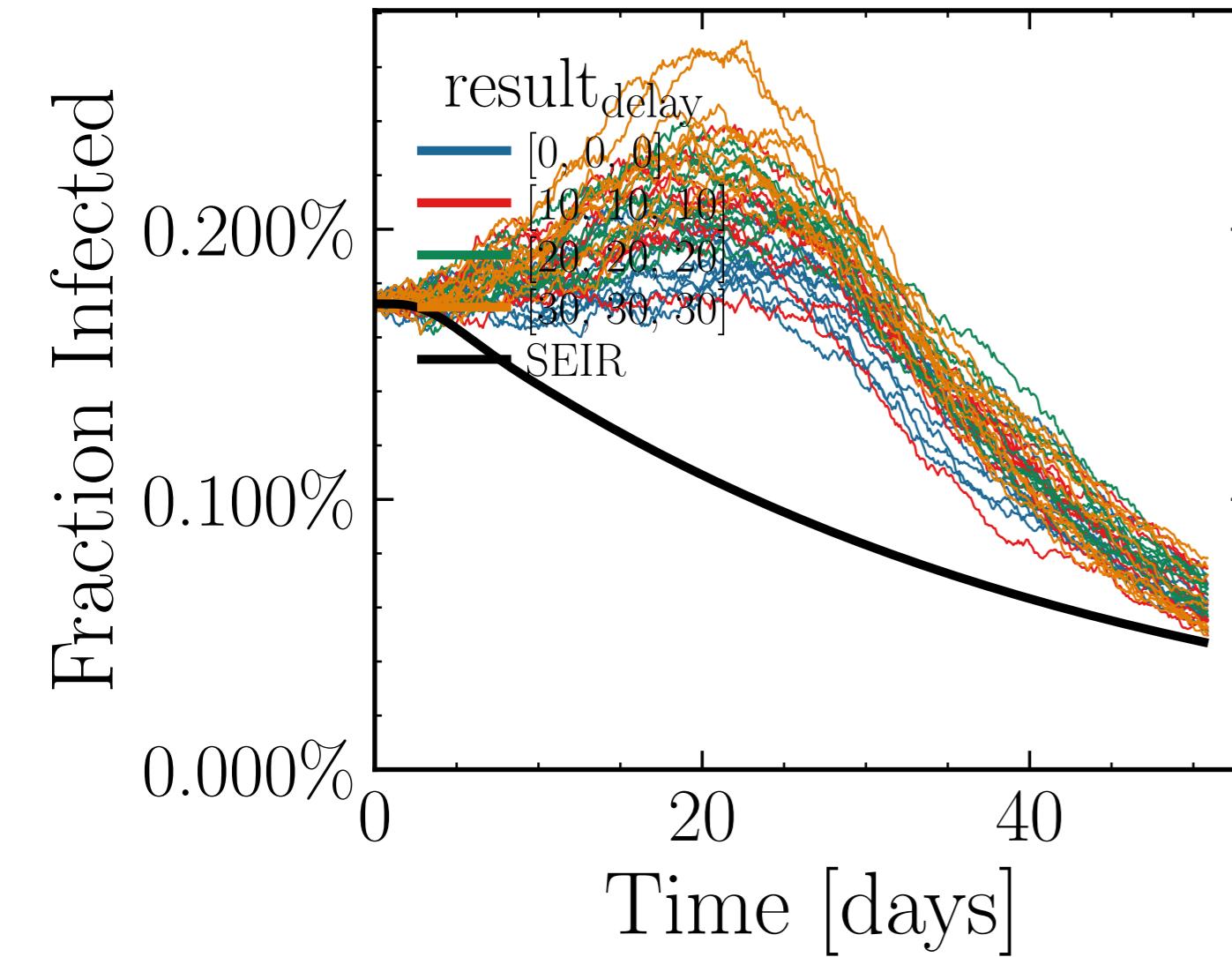


Day: 20, $a=0.0008 \pm 0.0005$
 Day: 25, $a=0.0008 \pm 0.0005$
 Day: 30, $a=0.0021 \pm 0.0008$
 Day: 35, $a=0.001 \pm 0.001$
 Day: 40, $a=0.000 \pm 0.002$

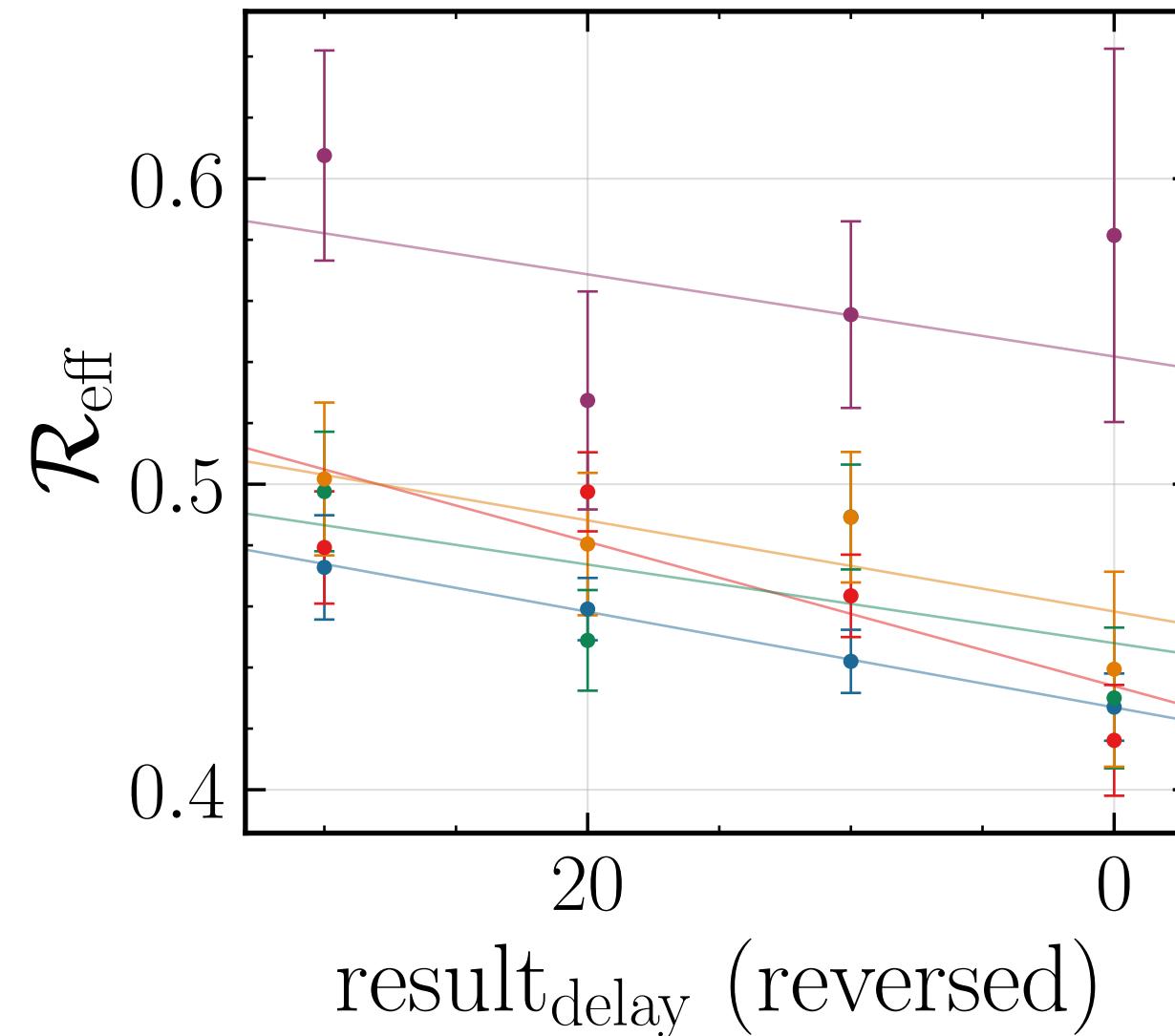
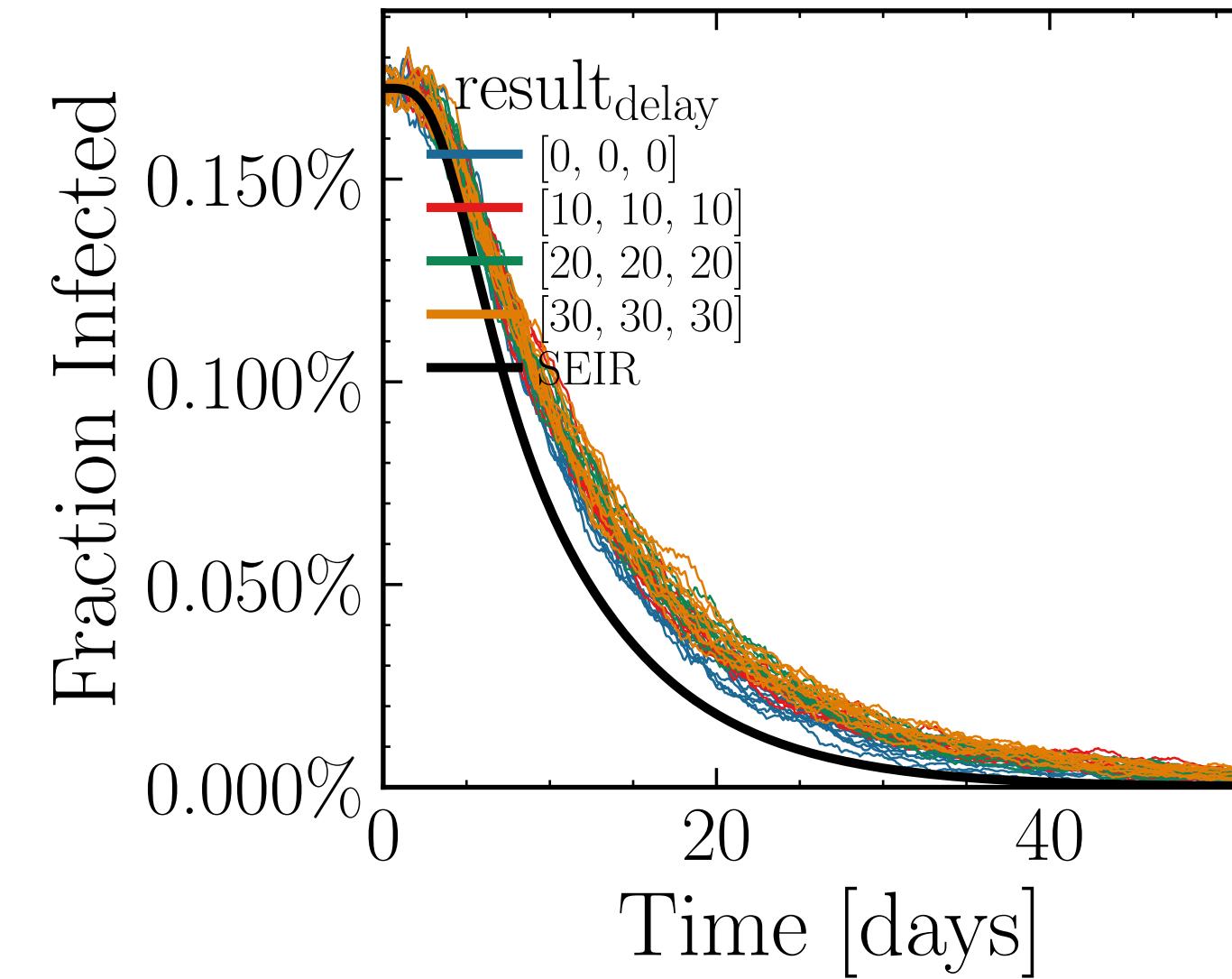
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.8837$, $\sigma_\mu = 0.0$, $\beta = 0.0114$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4408$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.96K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.8772$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25]
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, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4054$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.33K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.8991$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

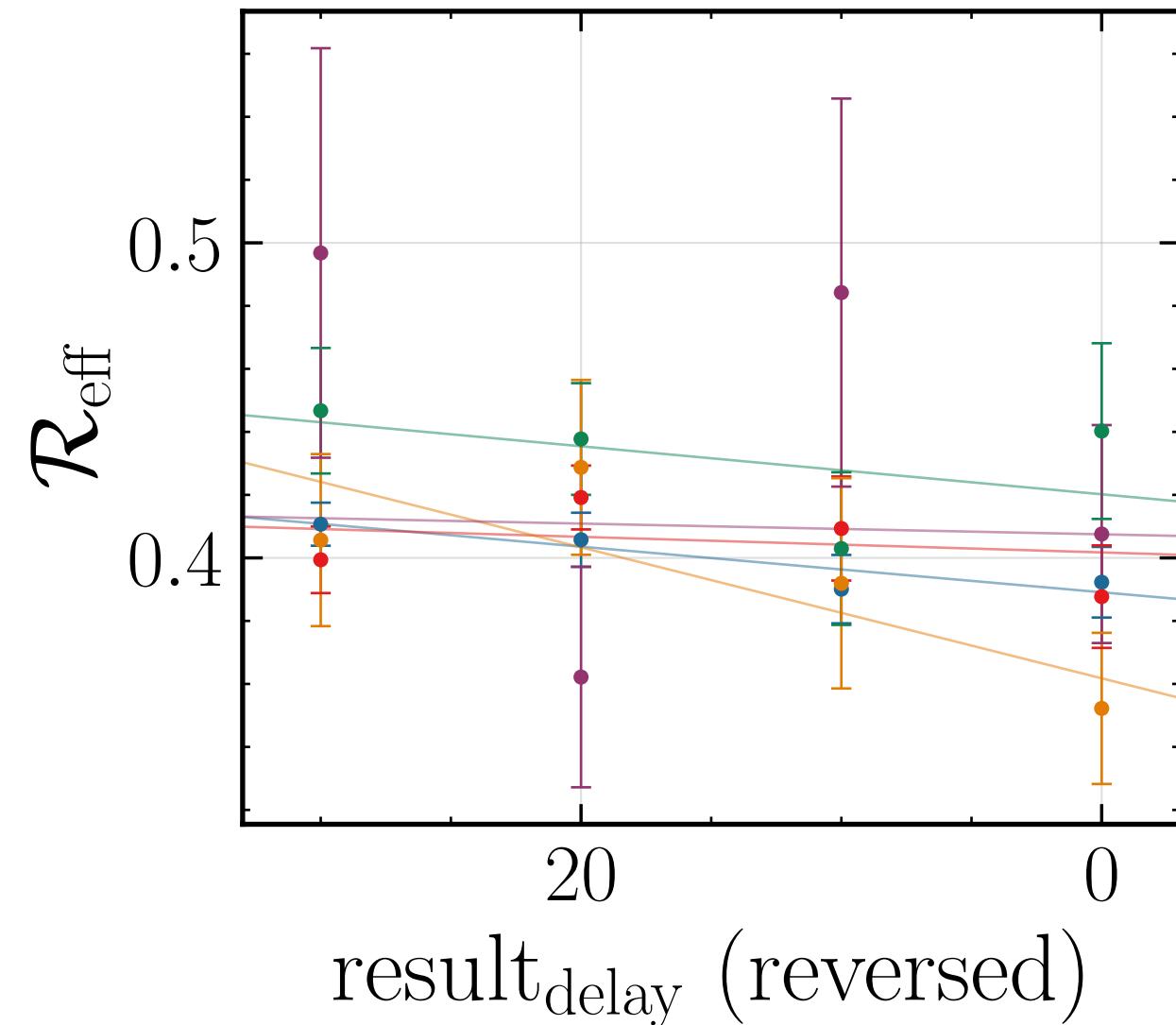
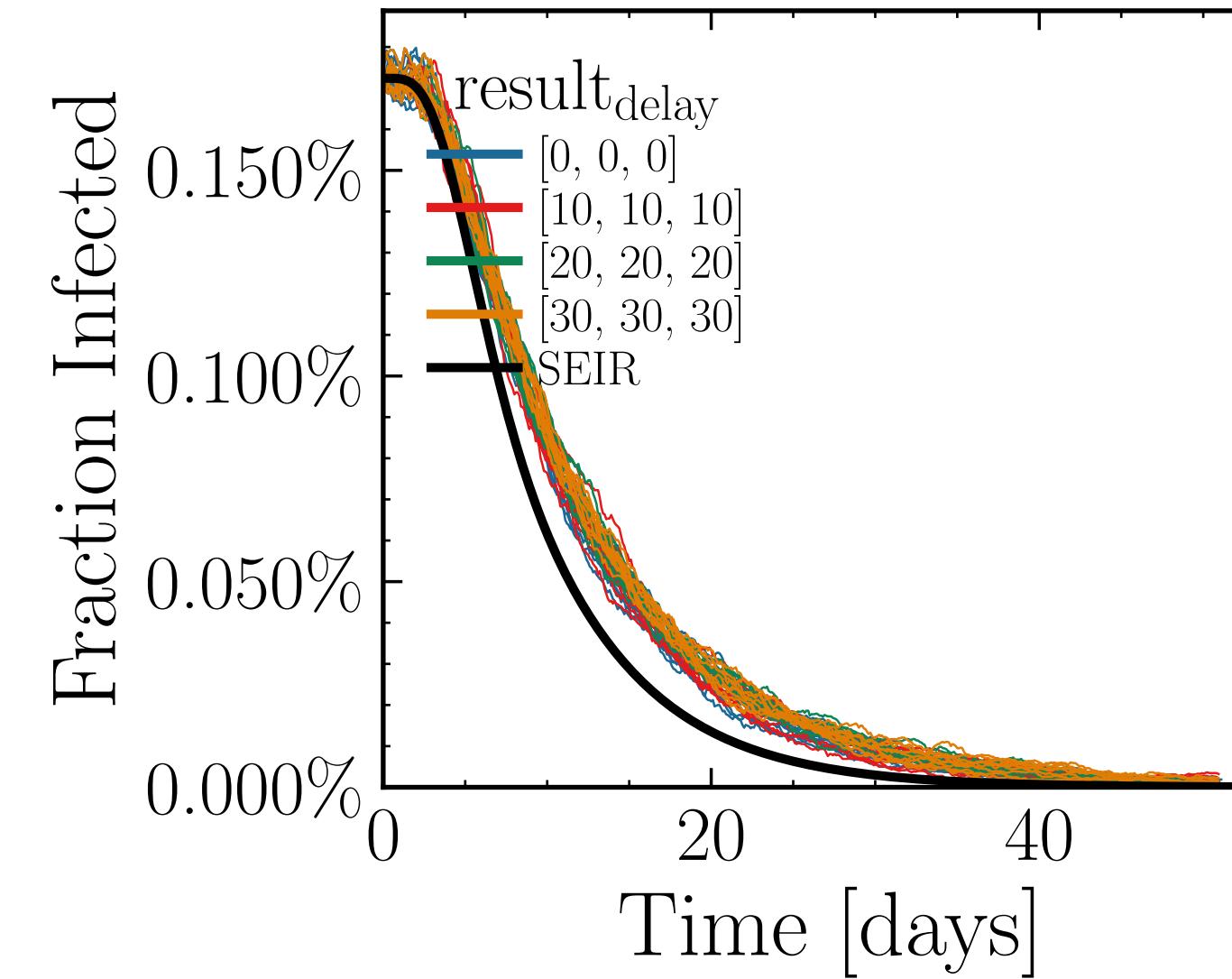


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.1873$, $\sigma_\mu = 0.0$, $\beta = 0.0087$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5272$, $N_{\text{contacts}_{\max}}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



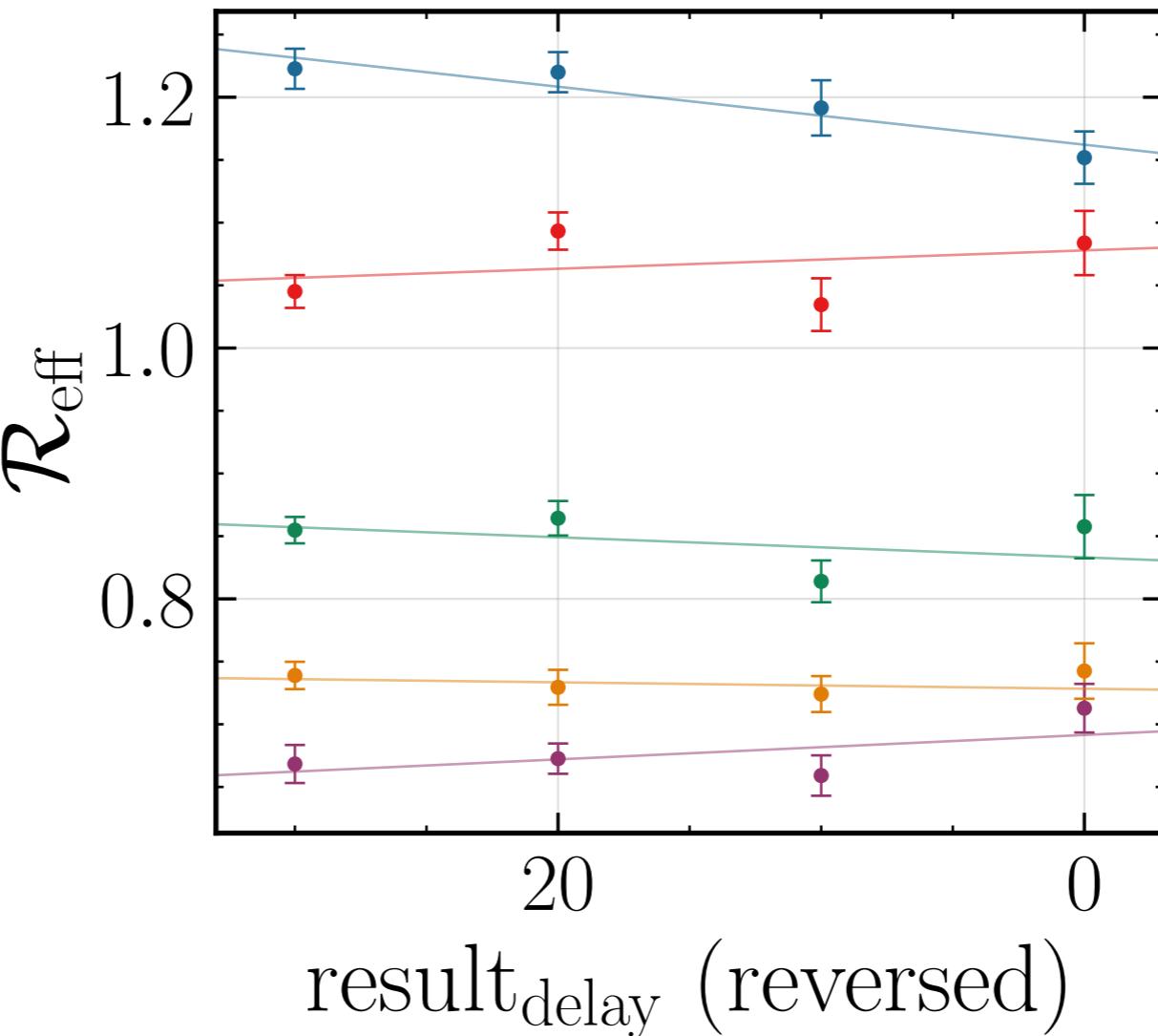
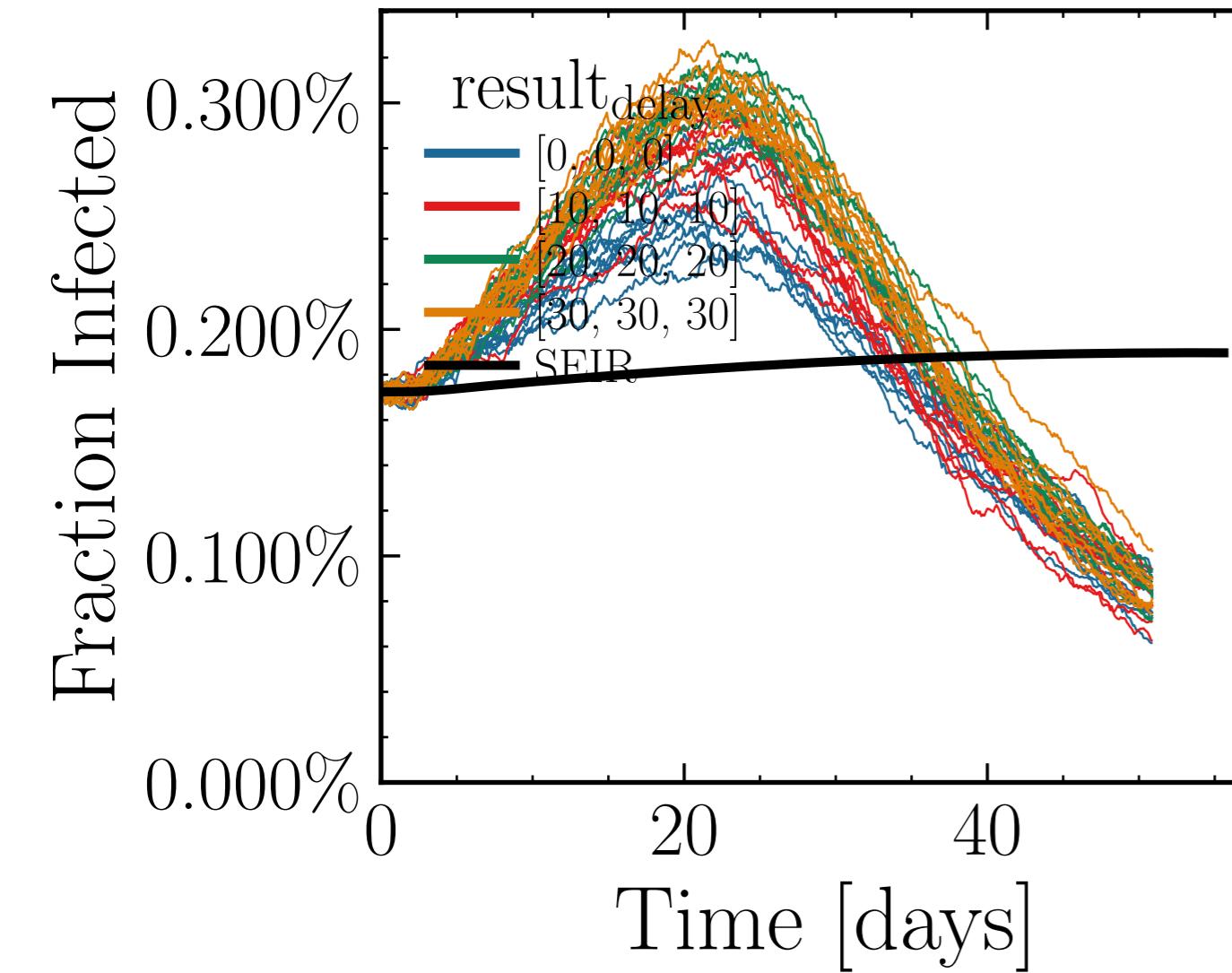
- Day: 20, $a=0.0016 \pm 0.0006$
- Day: 25, $a=0.0024 \pm 0.0008$
- Day: 30, $a=0.0013 \pm 0.0009$
- Day: 35, $a=0.001 \pm 0.001$
- Day: 40, $a=0.001 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.1999$, $\sigma_\mu = 0.0$, $\beta = 0.0083$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

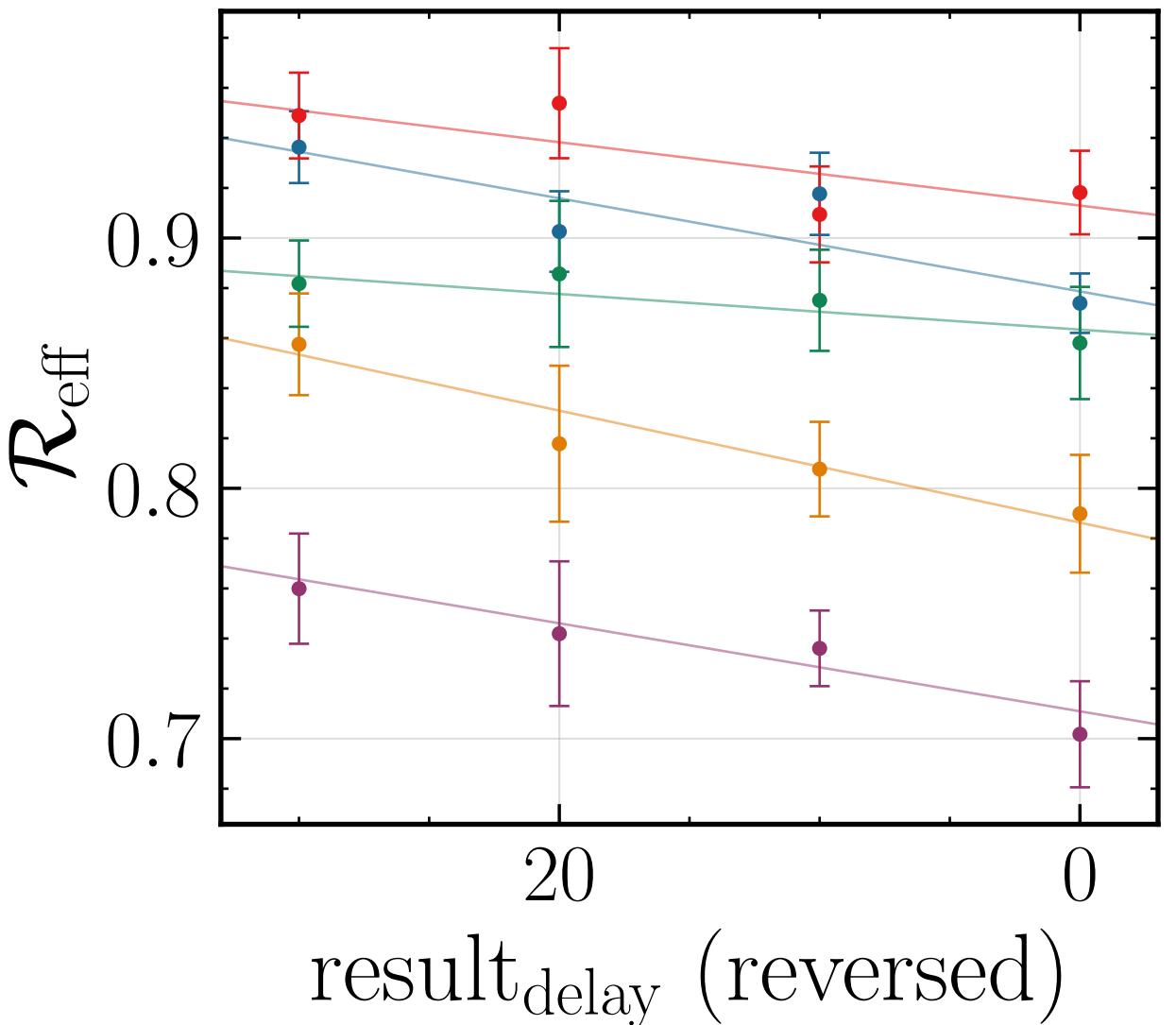
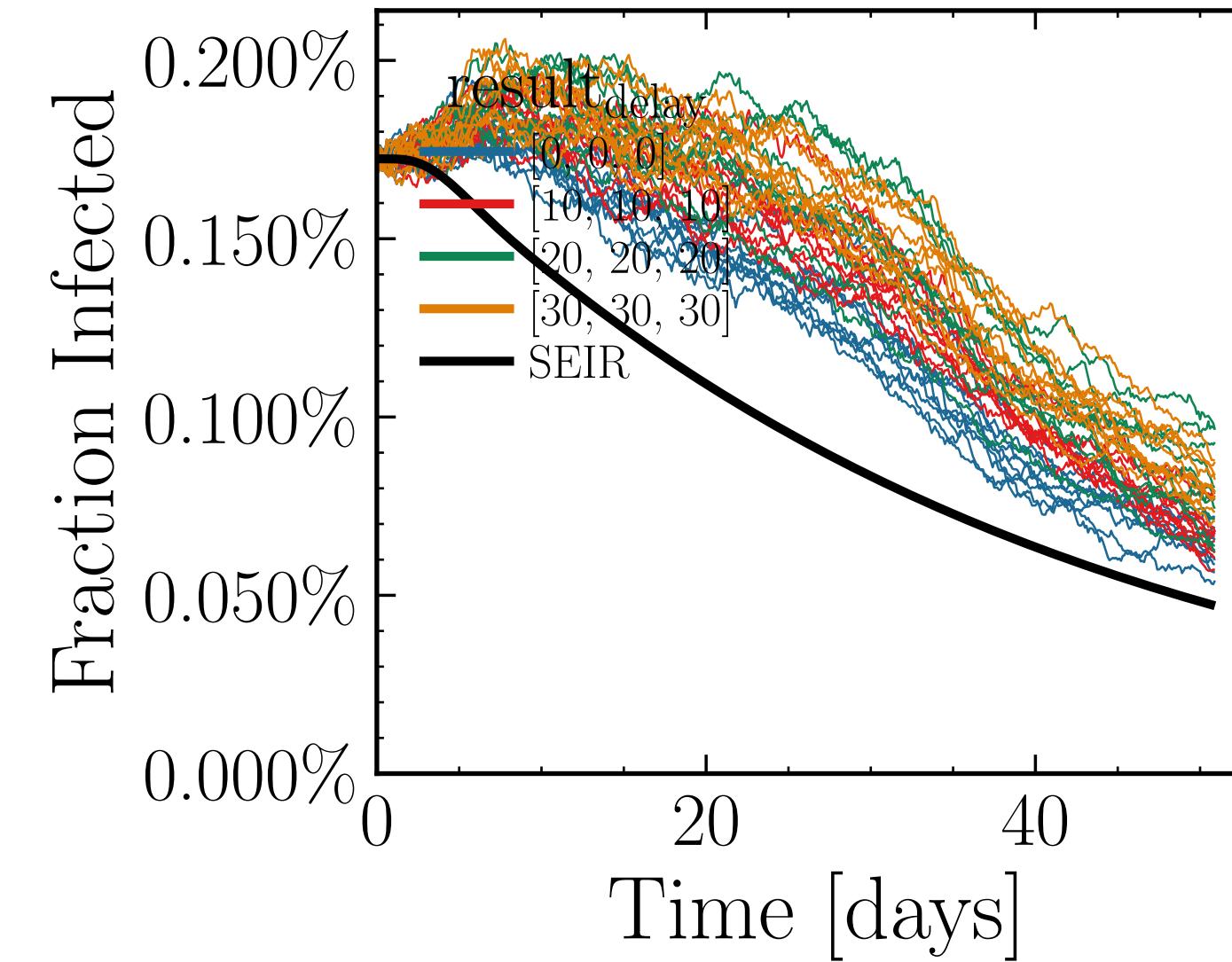


Day	a	Error
20	0.0007 ± 0.0004	0.0003
25	0.0002 ± 0.0006	0.0004
30	0.001 ± 0.001	0.0005
35	0.002 ± 0.001	0.0006
40	0.000 ± 0.002	0.0004

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.7646$, $\sigma_\mu = 0.0$, $\beta = 0.013$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5875$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.9K$, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10

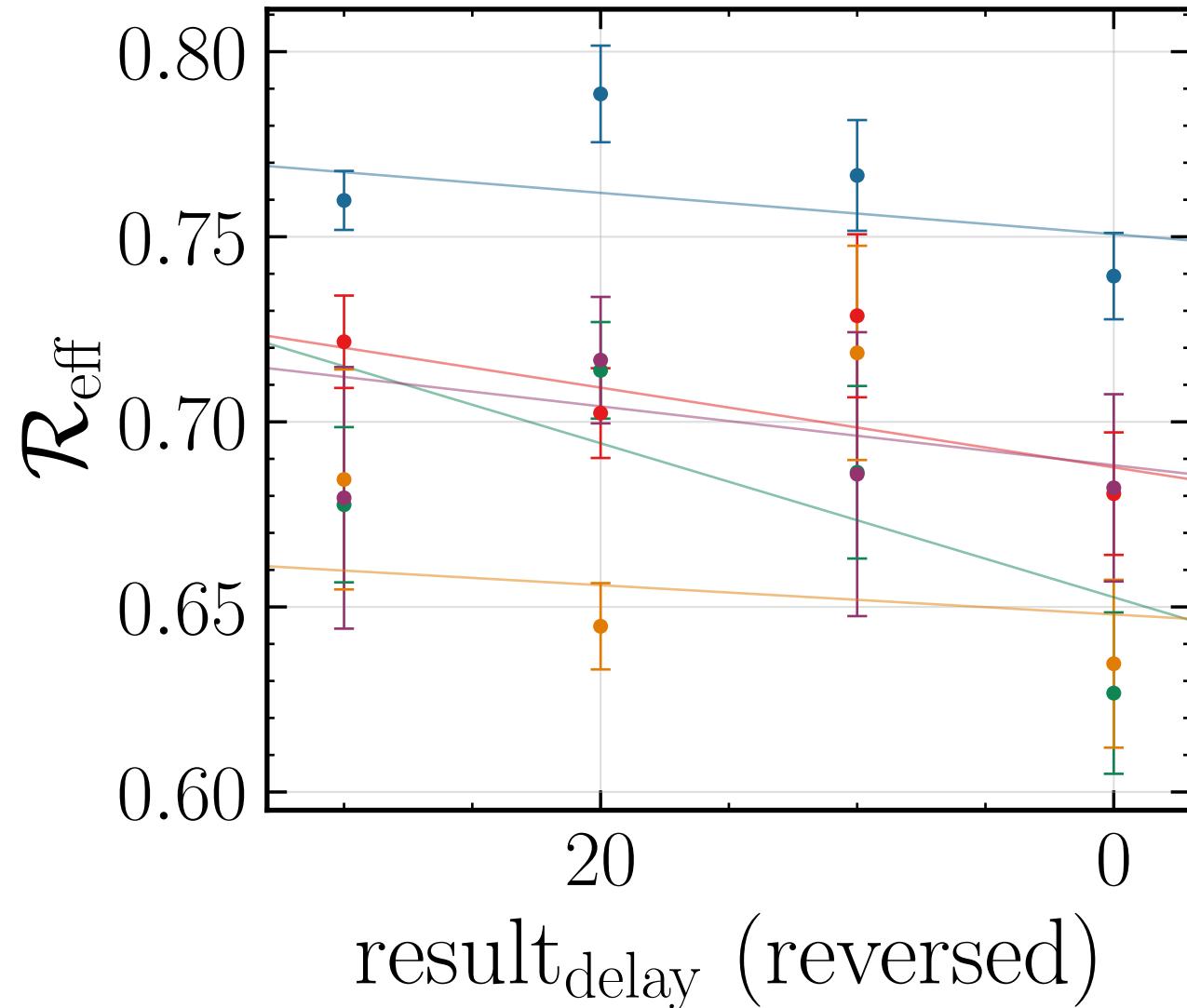
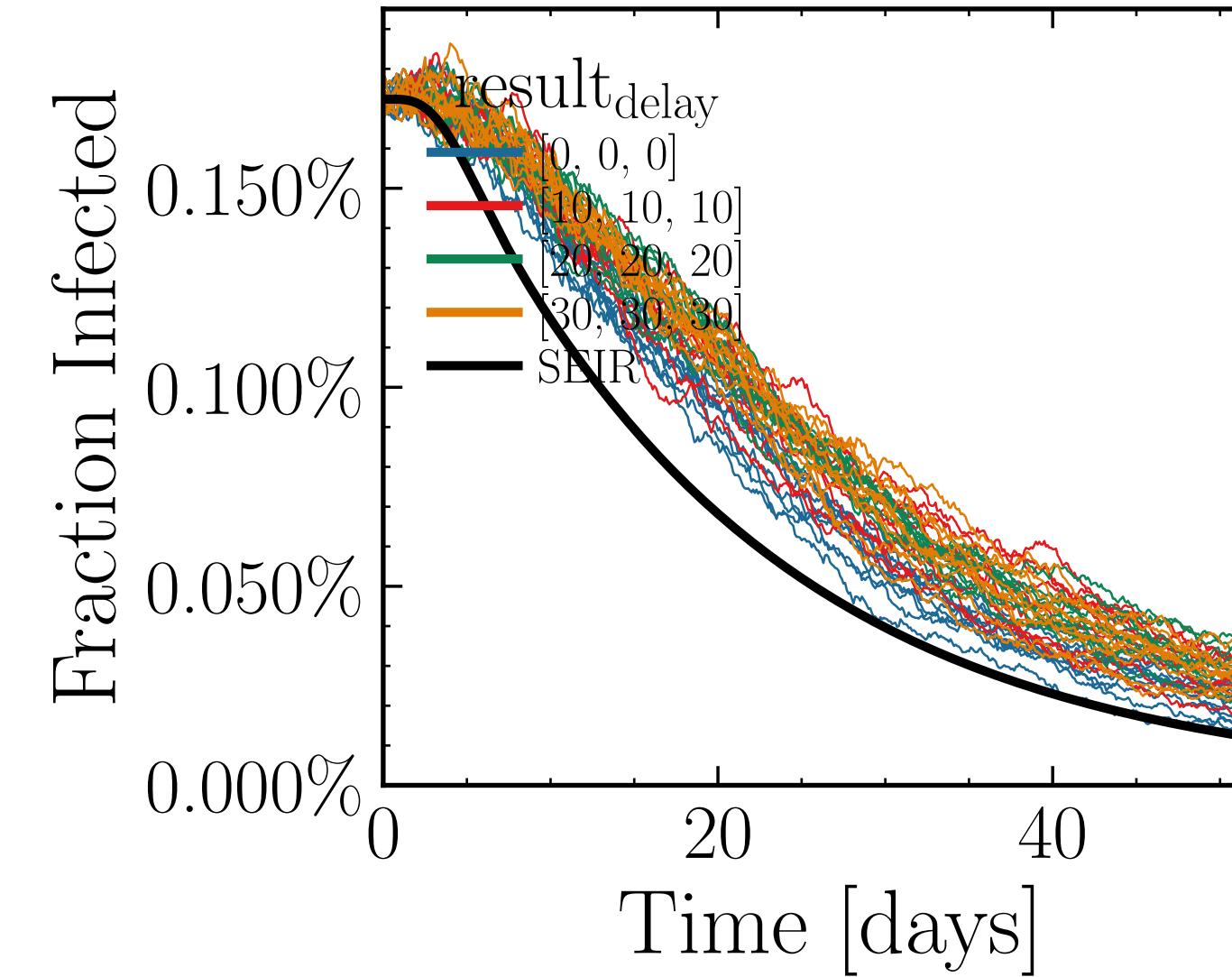


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.6519$, $\sigma_\mu = 0.0$, $\beta = 0.0135$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.746$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 1.93K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.4336$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



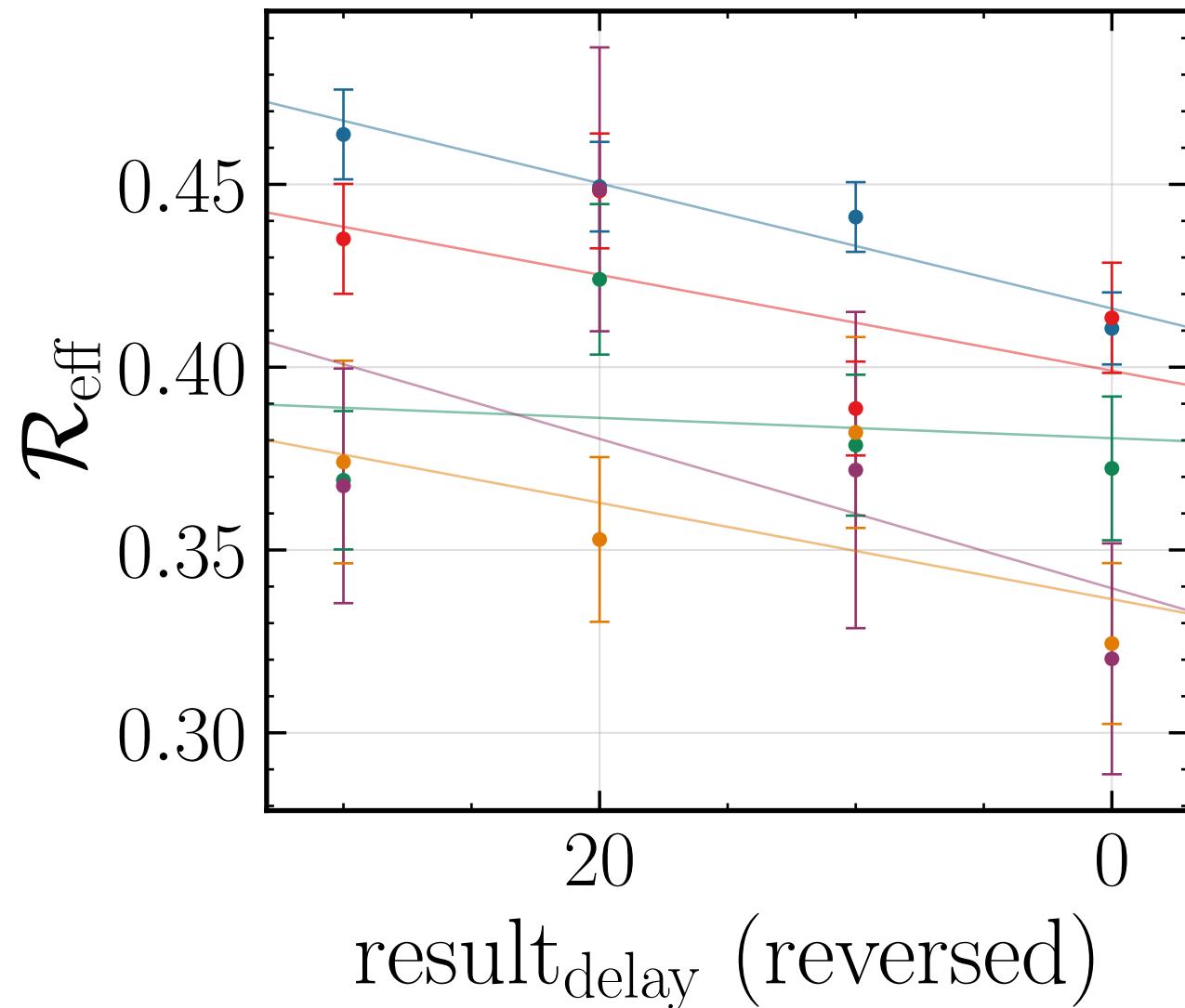
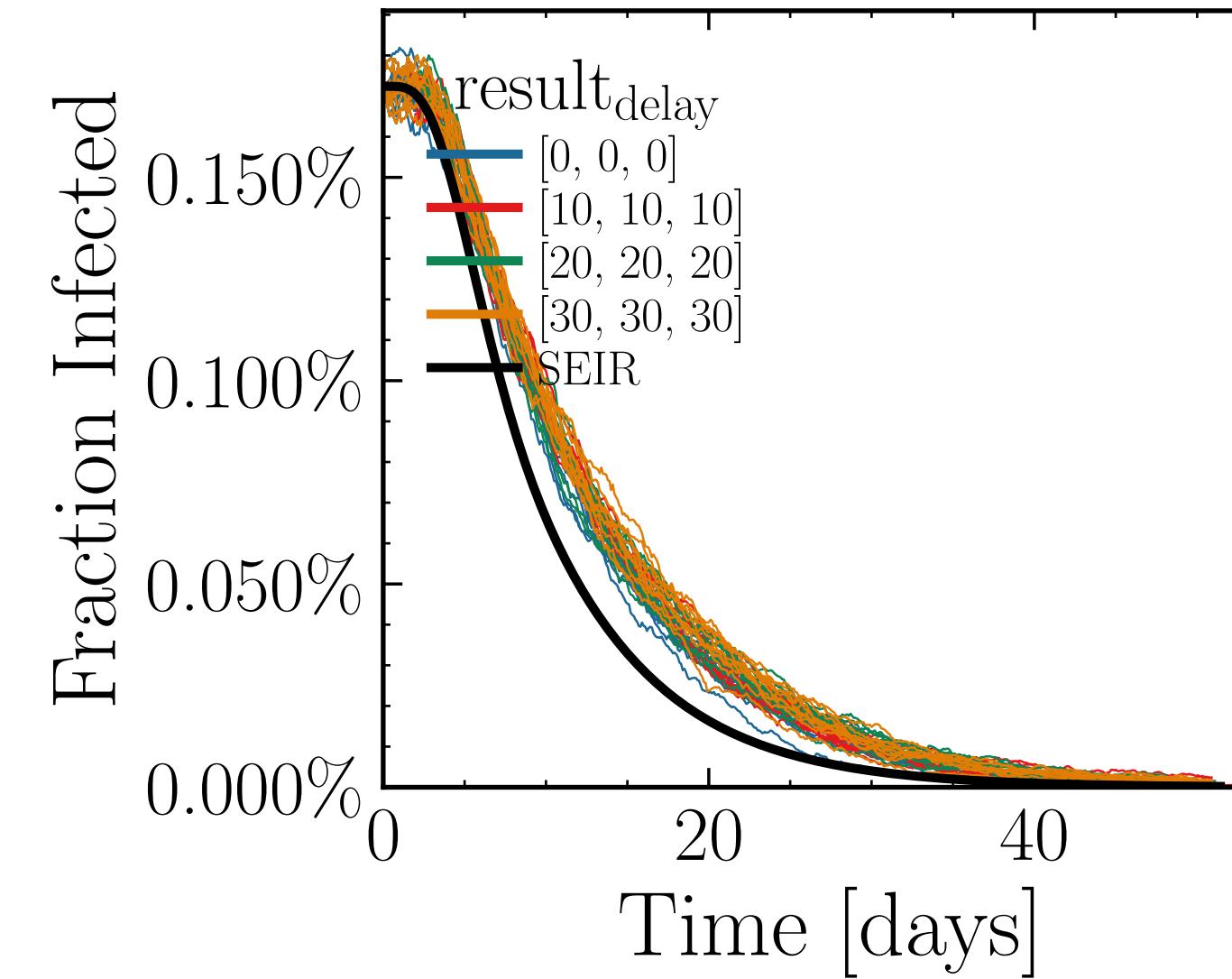
Day: 20, $a=0.0019 \pm 0.0006$
 Day: 25, $a=0.0013 \pm 0.0008$
 Day: 30, $a=0.0007 \pm 0.0009$
 Day: 35, $a=0.002 \pm 0.001$
 Day: 40, $a=0.002 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.7595$, $\sigma_\mu = 0.0$, $\beta = 0.0111$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



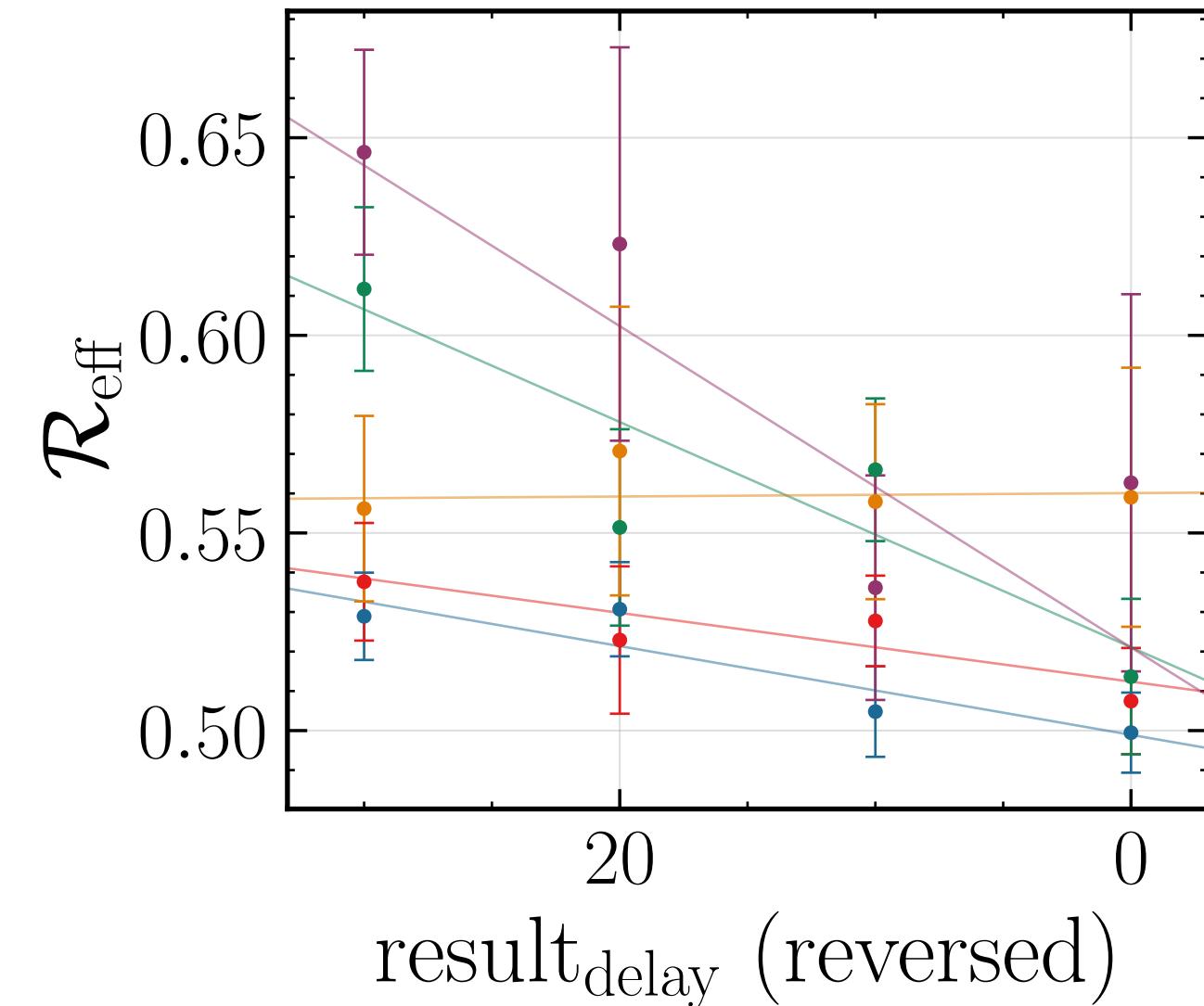
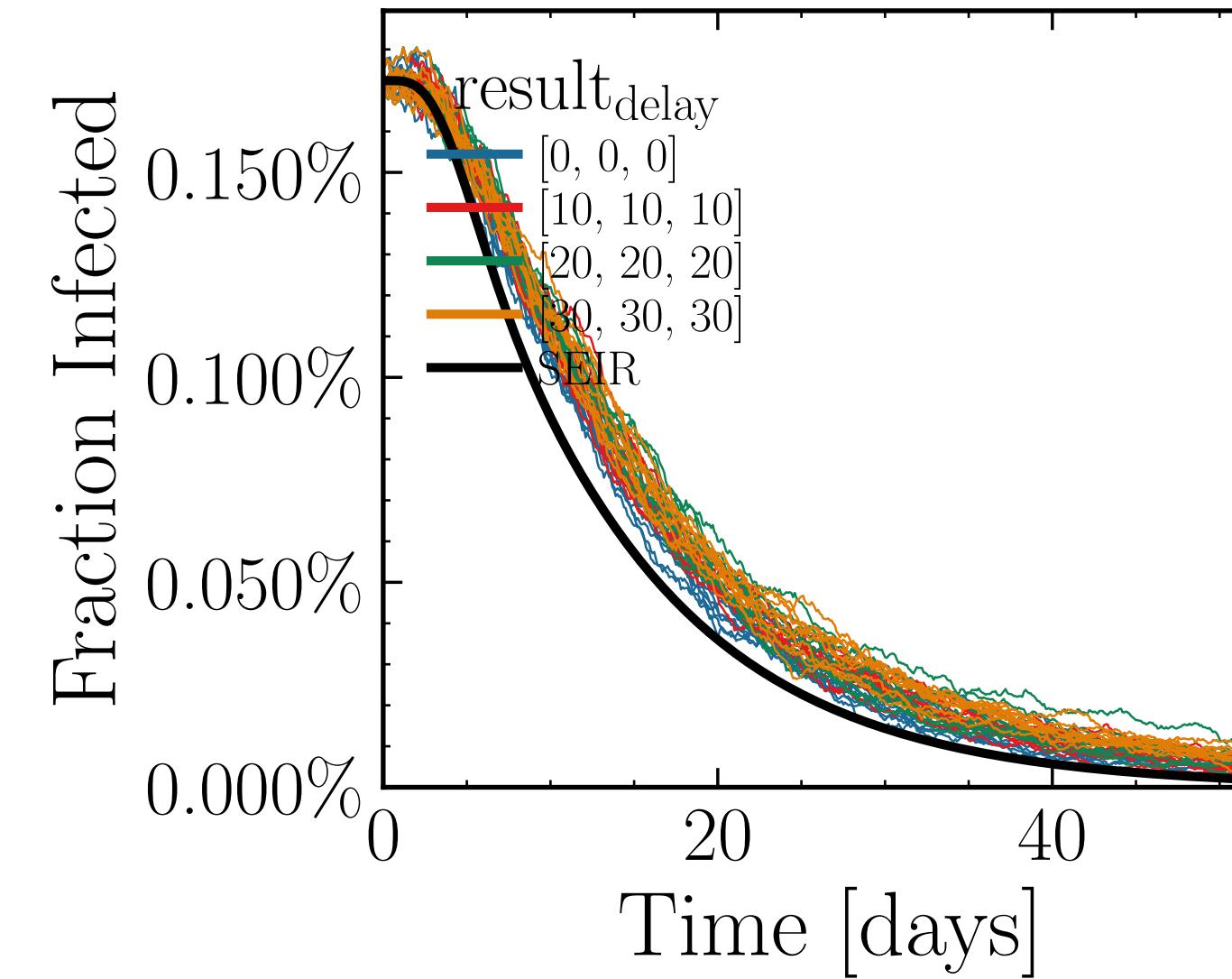
Day: 20, a=0.0006 ± 0.0005
Day: 25, a=0.0011 ± 0.0007
Day: 30, a=0.0021 ± 0.0009
Day: 35, a=0.000 ± 0.001
Day: 40, a=0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.2011$, $\sigma_\mu = 0.0$, $\beta = 0.0091$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.7316$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.85K$, event_{size_{max}} = 10, event_{size_{mean}} = 4.173, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



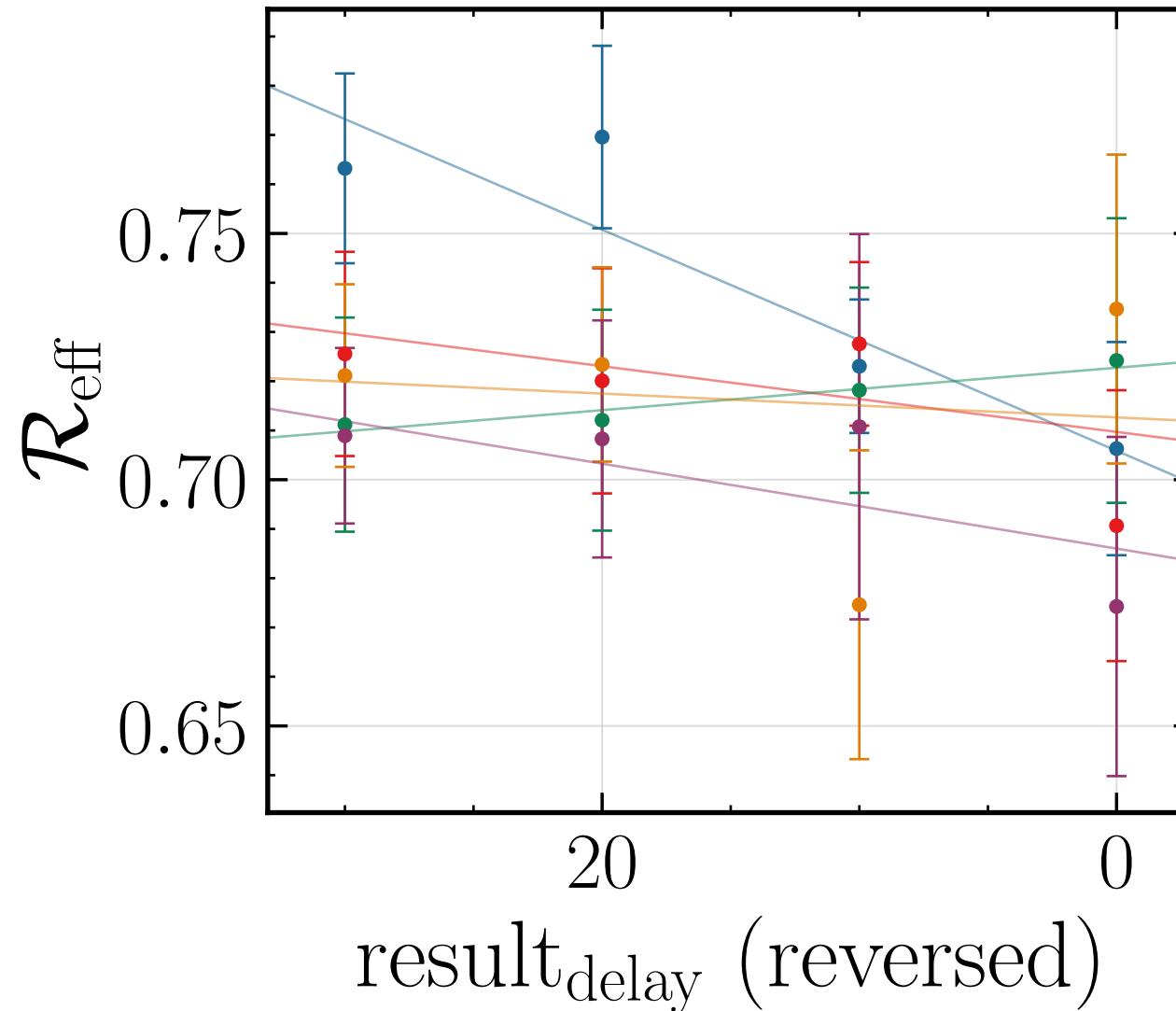
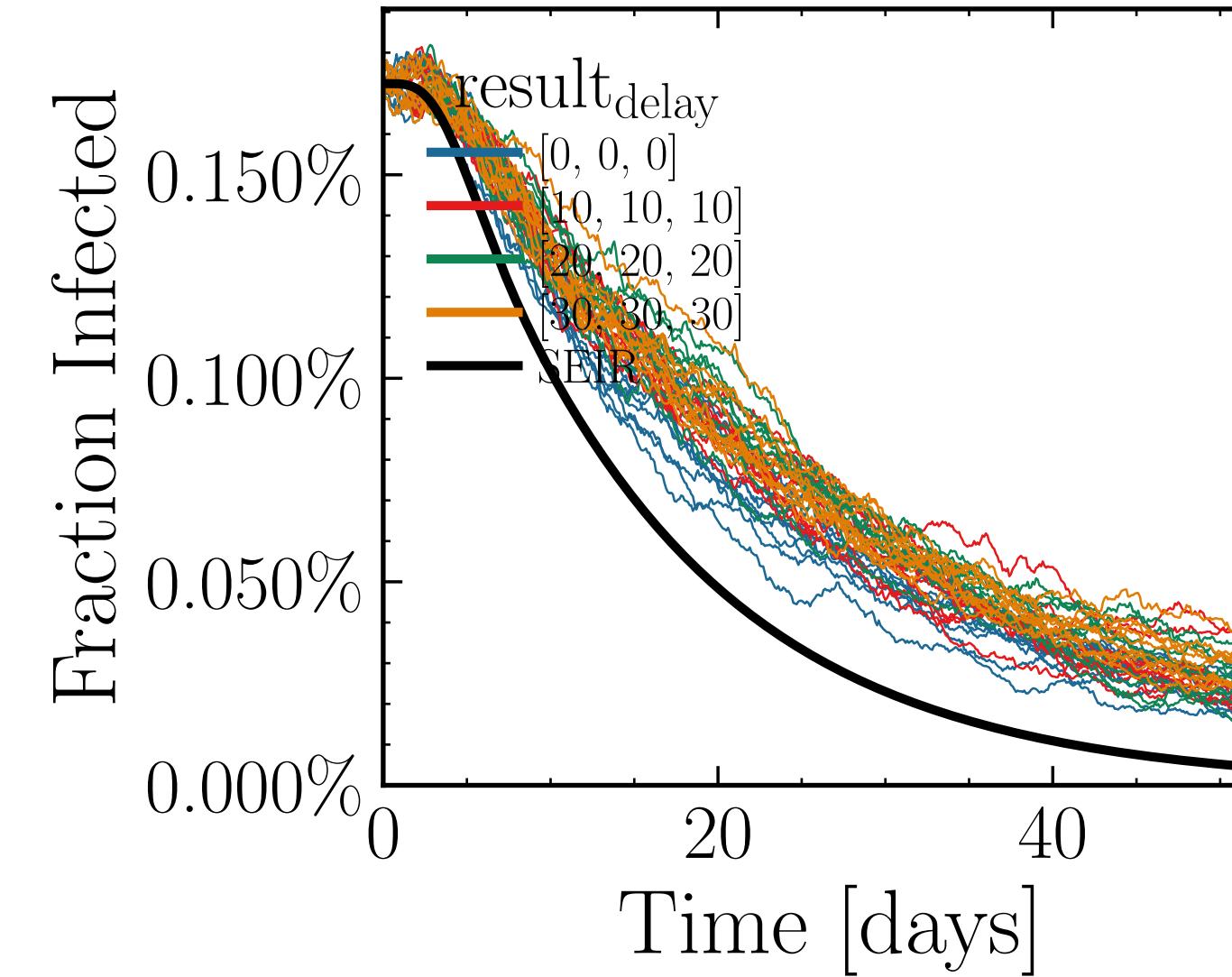
Day: 20, a=0.0017 ± 0.0005
 Day: 25, a=0.0013 ± 0.0007
 Day: 30, a=0.0003 ± 0.0009
 Day: 35, a=0.001 ± 0.001
 Day: 40, a=0.002 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.4717$, $\sigma_\mu = 0.0$, $\beta = 0.0081$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



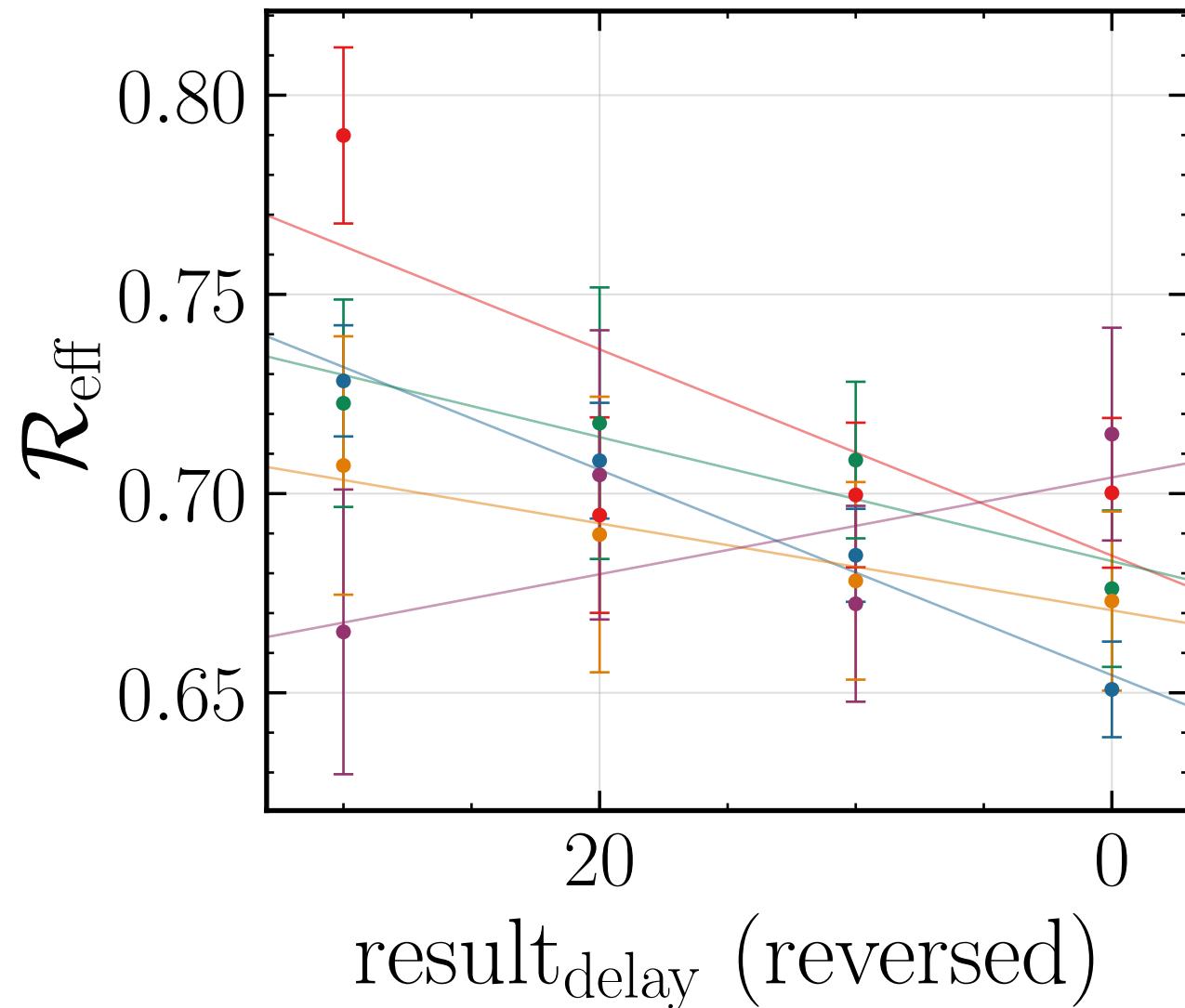
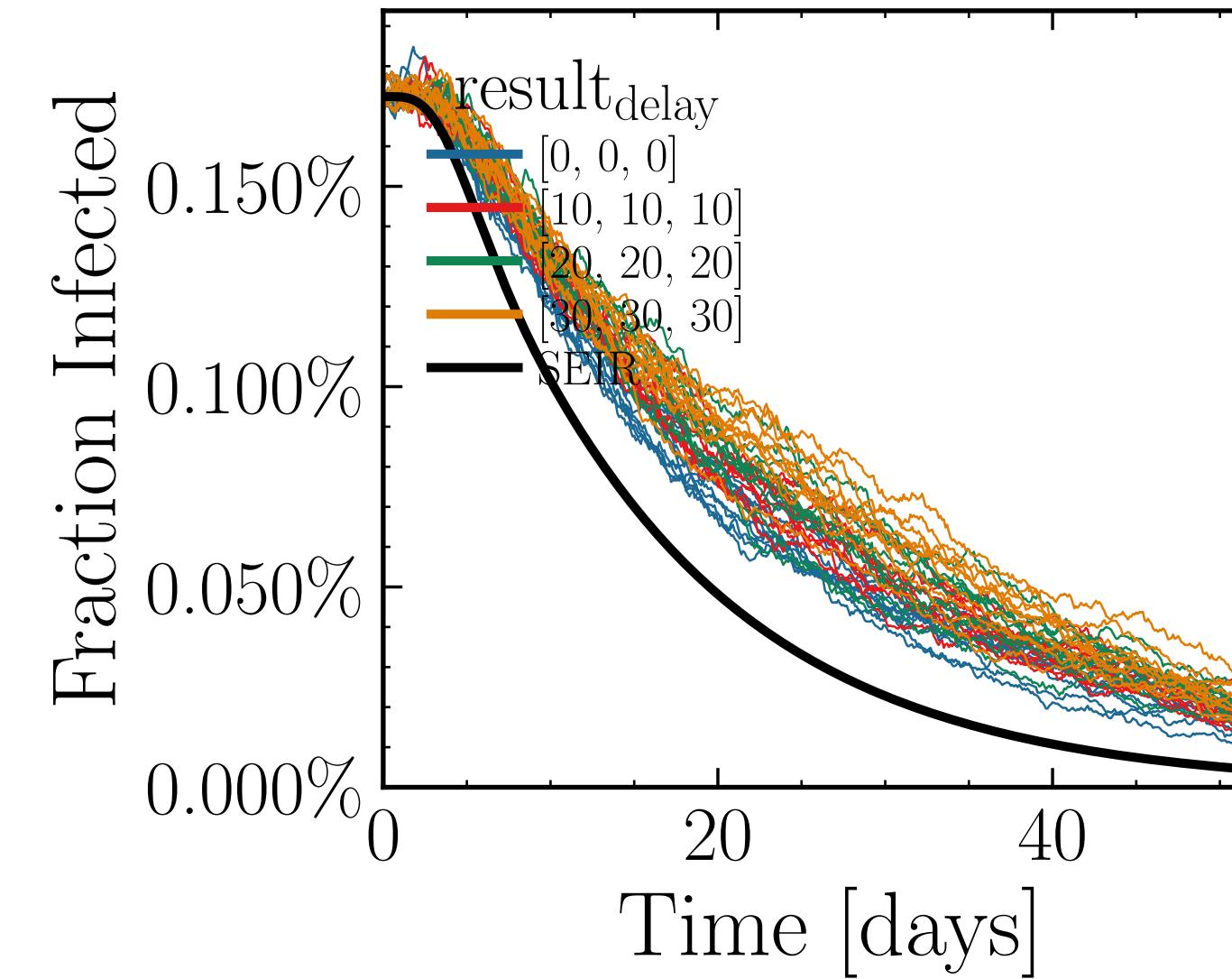
Day: 20, $a=0.0011 \pm 0.0005$
 Day: 25, $a=0.0009 \pm 0.0006$
 Day: 30, $a=0.0028 \pm 0.0009$
 Day: 35, $a=0.000 \pm 0.001$
 Day: 40, $a=0.004 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.0374$, $\sigma_\mu = 0.0$, $\beta = 0.0089$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



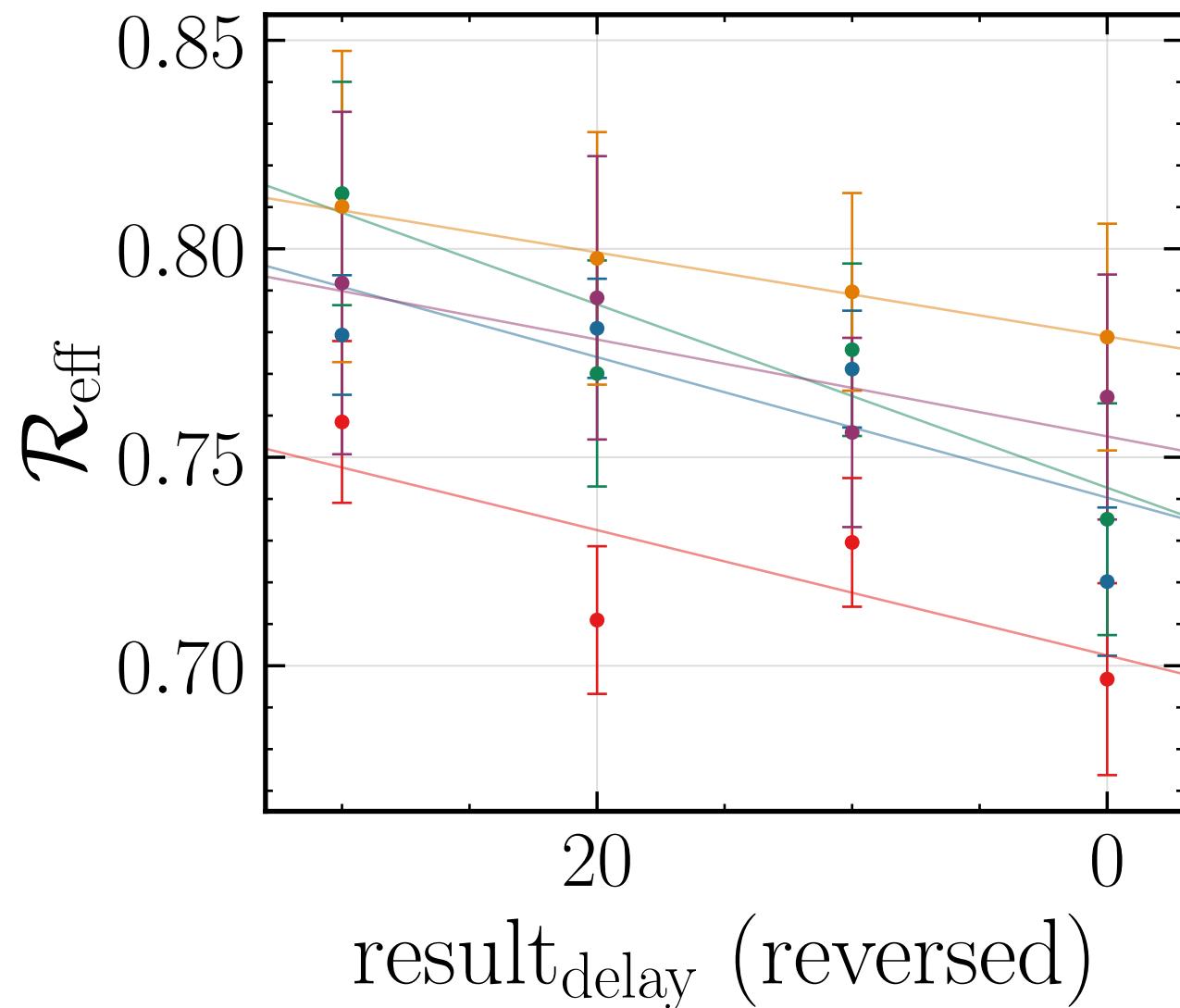
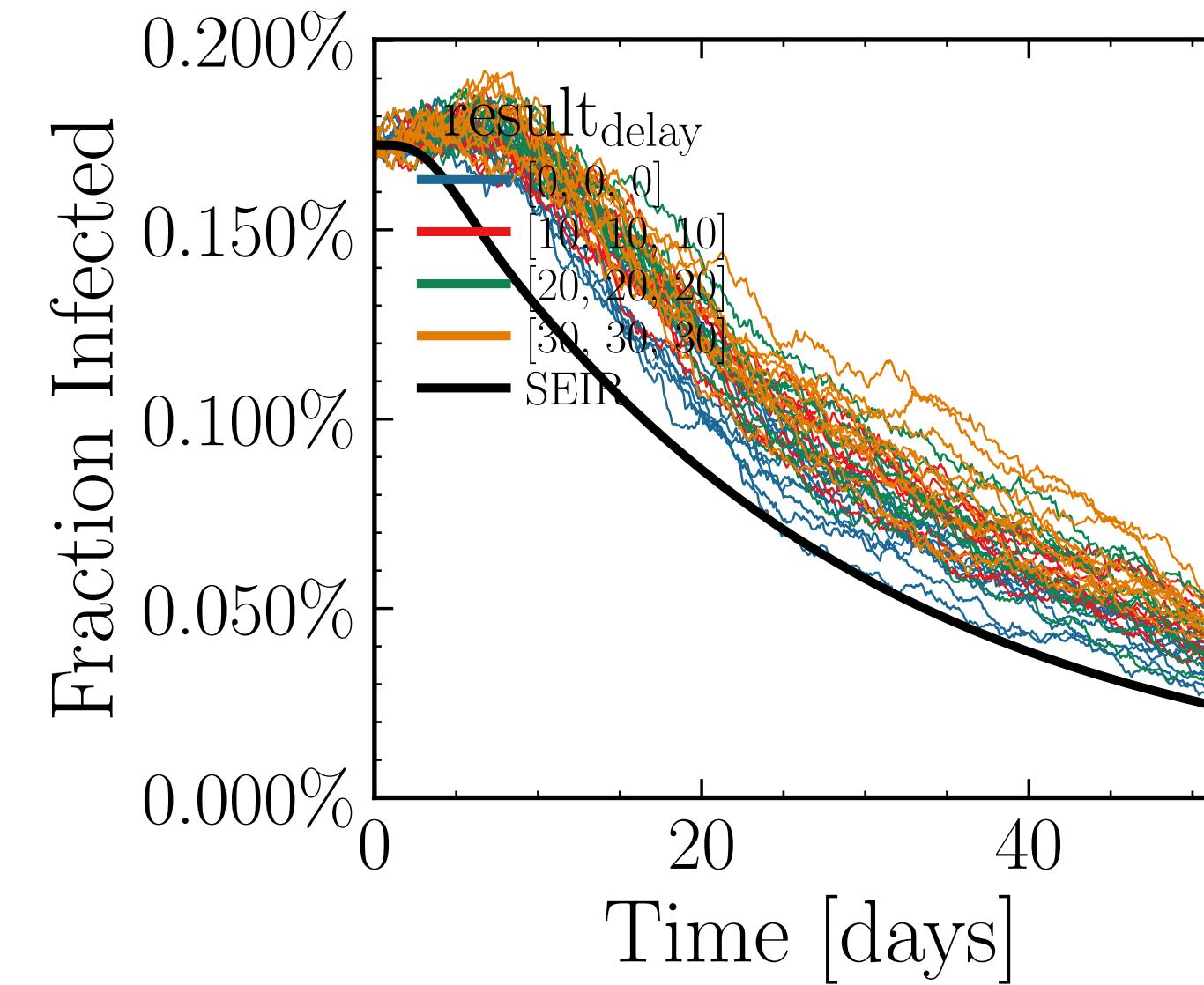
Day: 20, a=0.0022 ± 0.0009
Day: 25, a=0.001 ± 0.001
Day: 30, a=0.000 ± 0.001
Day: 35, a=0.000 ± 0.001
Day: 40, a=0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.9204$, $\sigma_\mu = 0.0$, $\beta = 0.0095$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



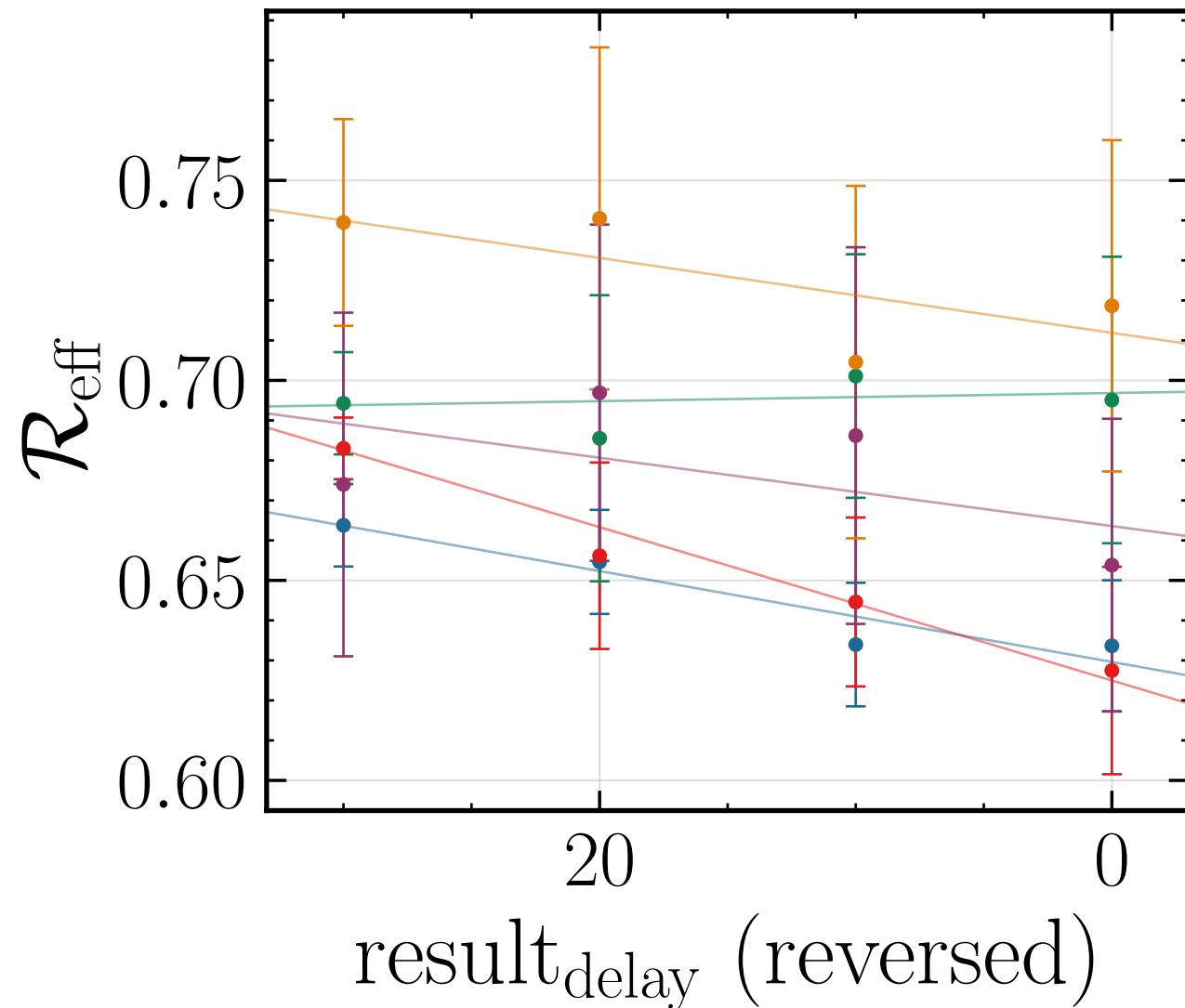
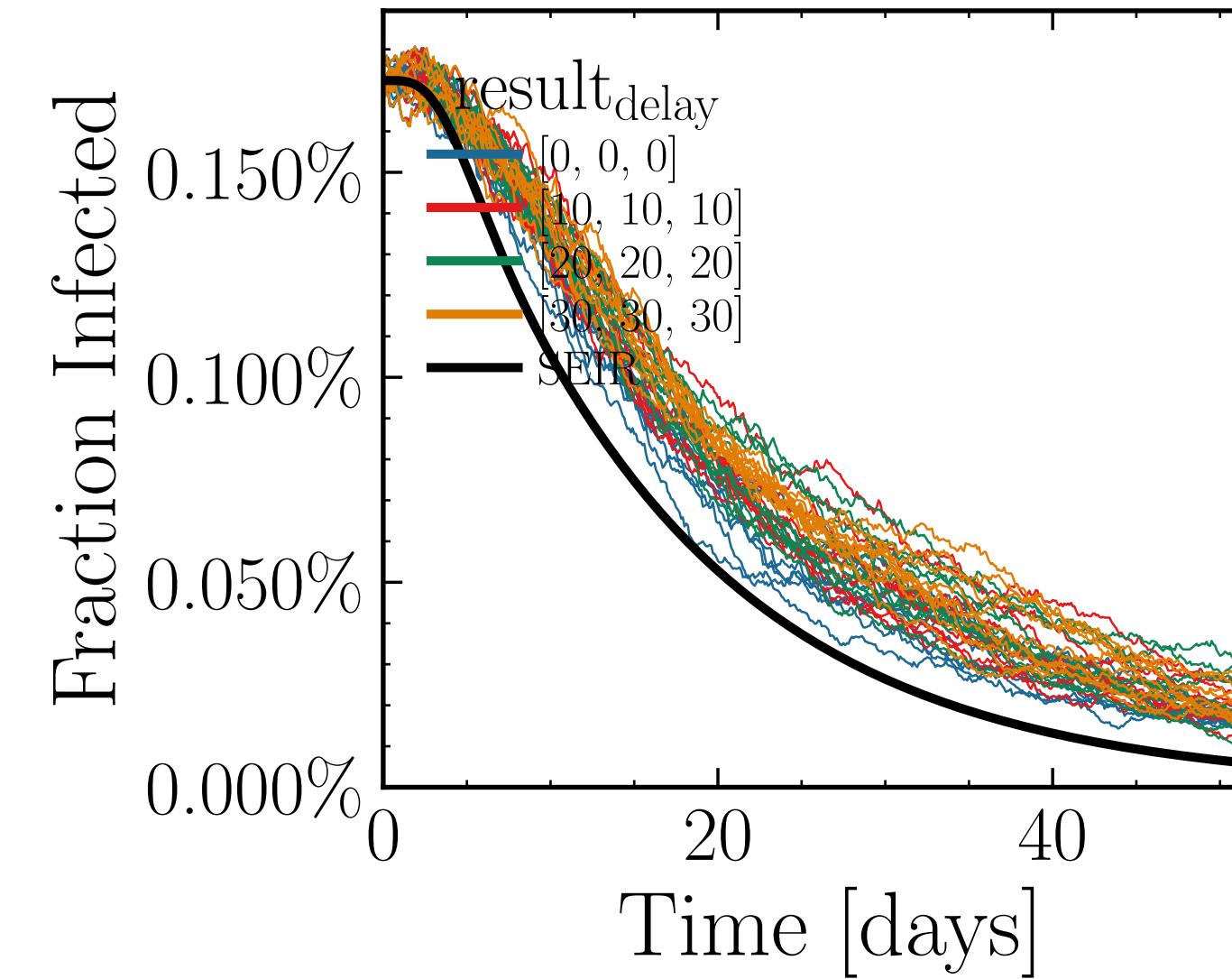
- Day: 20, $a=0.0026 \pm 0.0006$
- Day: 25, $a=0.0026 \pm 0.0009$
- Day: 30, $a=0.002 \pm 0.001$
- Day: 35, $a=0.001 \pm 0.001$
- Day: 40, $a=-0.001 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.492$, $\sigma_\mu = 0.0$, $\beta = 0.0133$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



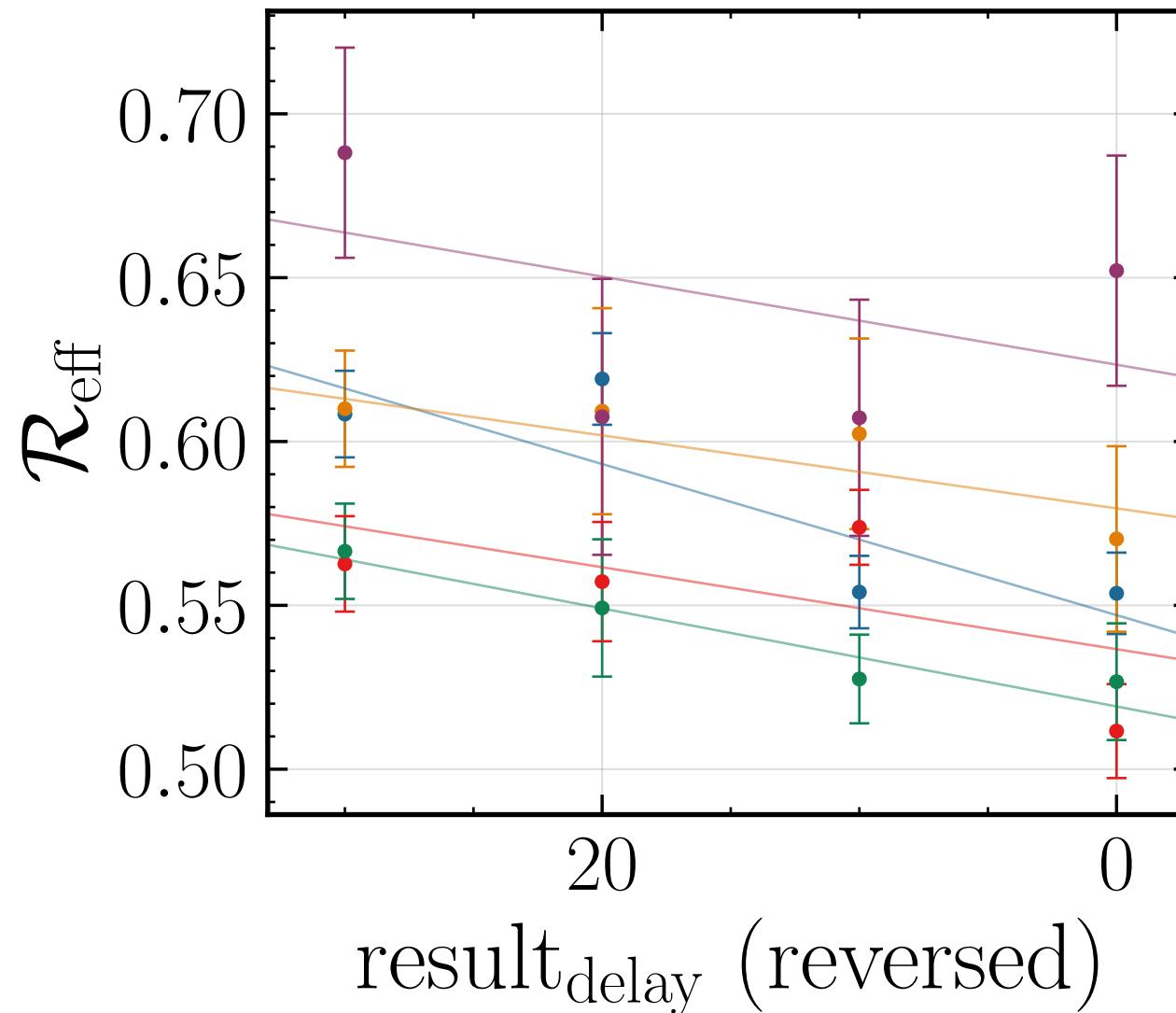
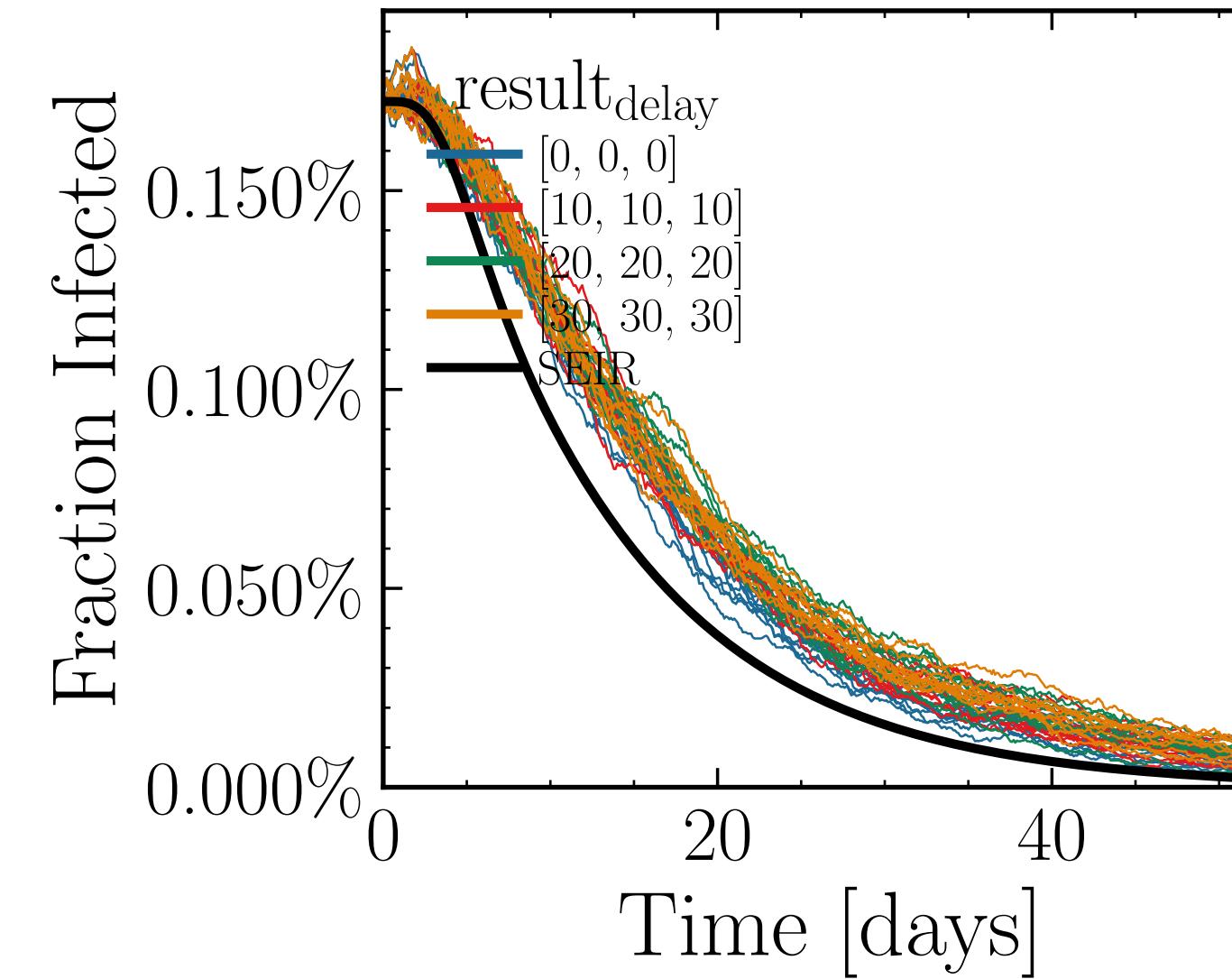
- Day: 20, $a=0.0017 \pm 0.0007$
- Day: 25, $a=0.0015 \pm 0.0009$
- Day: 30, $a=0.002 \pm 0.001$
- Day: 35, $a=0.001 \pm 0.001$
- Day: 40, $a=0.001 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.8847$, $\sigma_\mu = 0.0$, $\beta = 0.0099$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



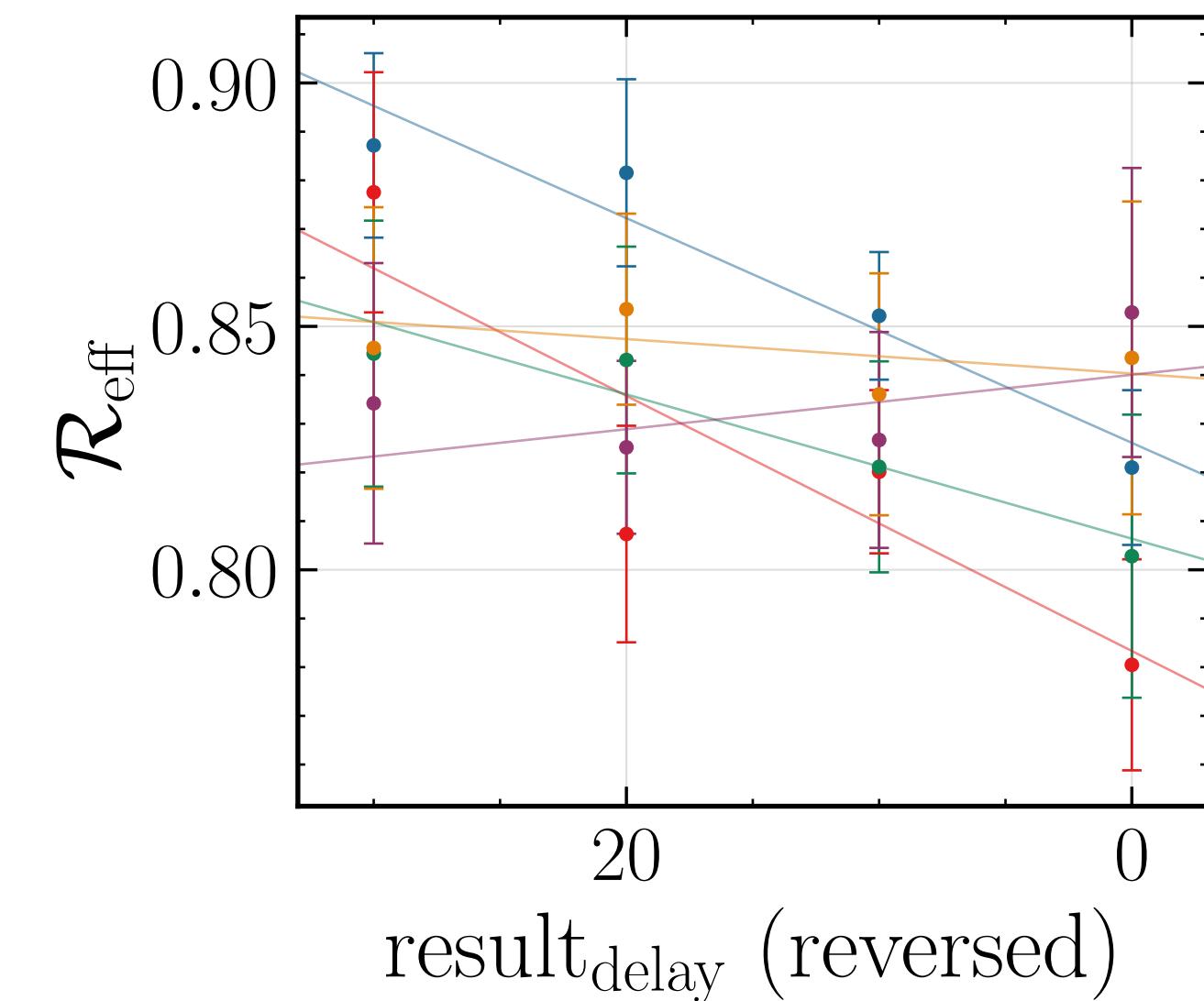
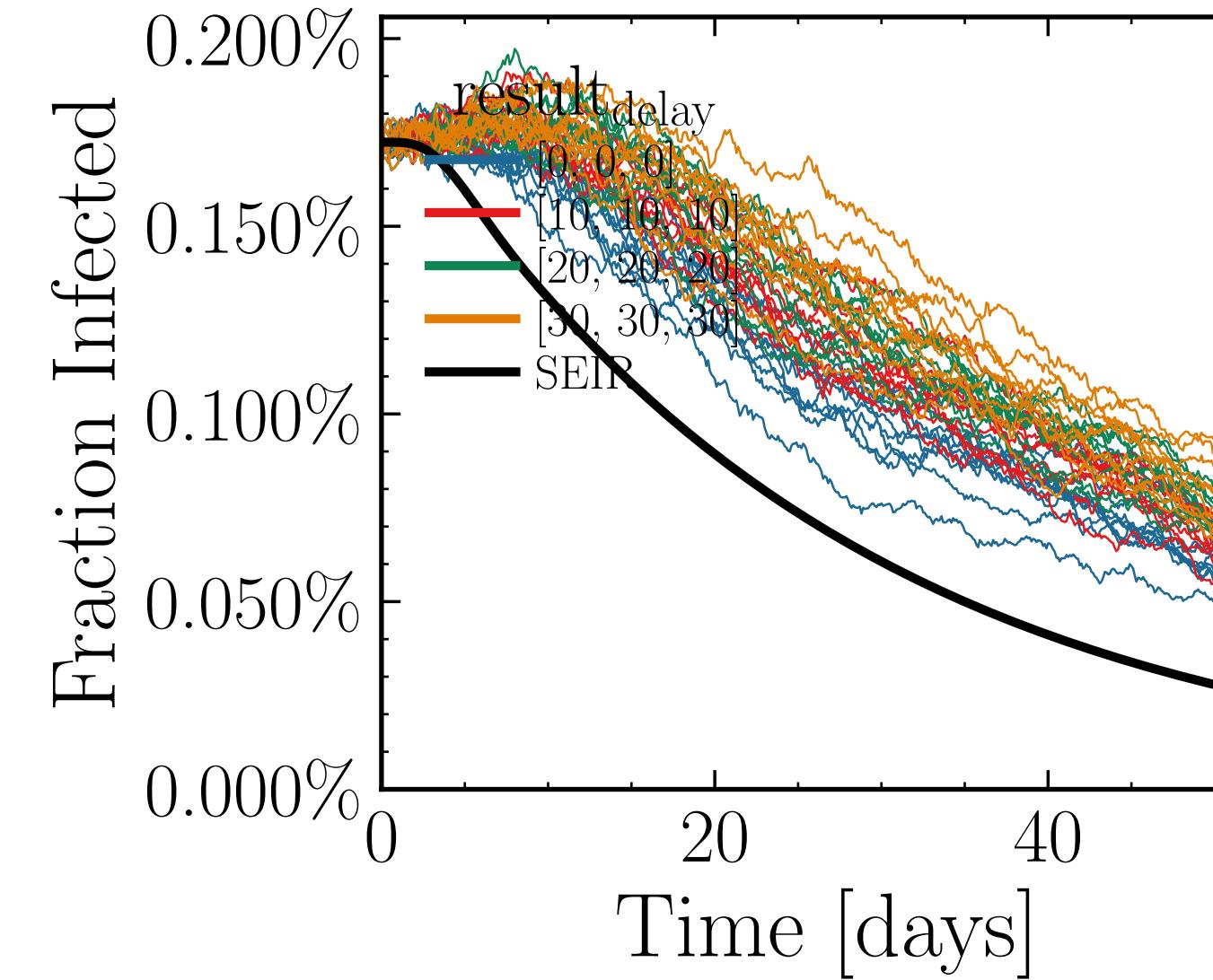
- Day: 20, $a=0.0011 \pm 0.0006$
- Day: 25, $a=0.0019 \pm 0.0007$
- Day: 30, $a=0.000 \pm 0.001$
- Day: 35, $a=0.001 \pm 0.002$
- Day: 40, $a=0.001 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 13.9651$, $\sigma_\mu = 0.0$, $\beta = 0.0098$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



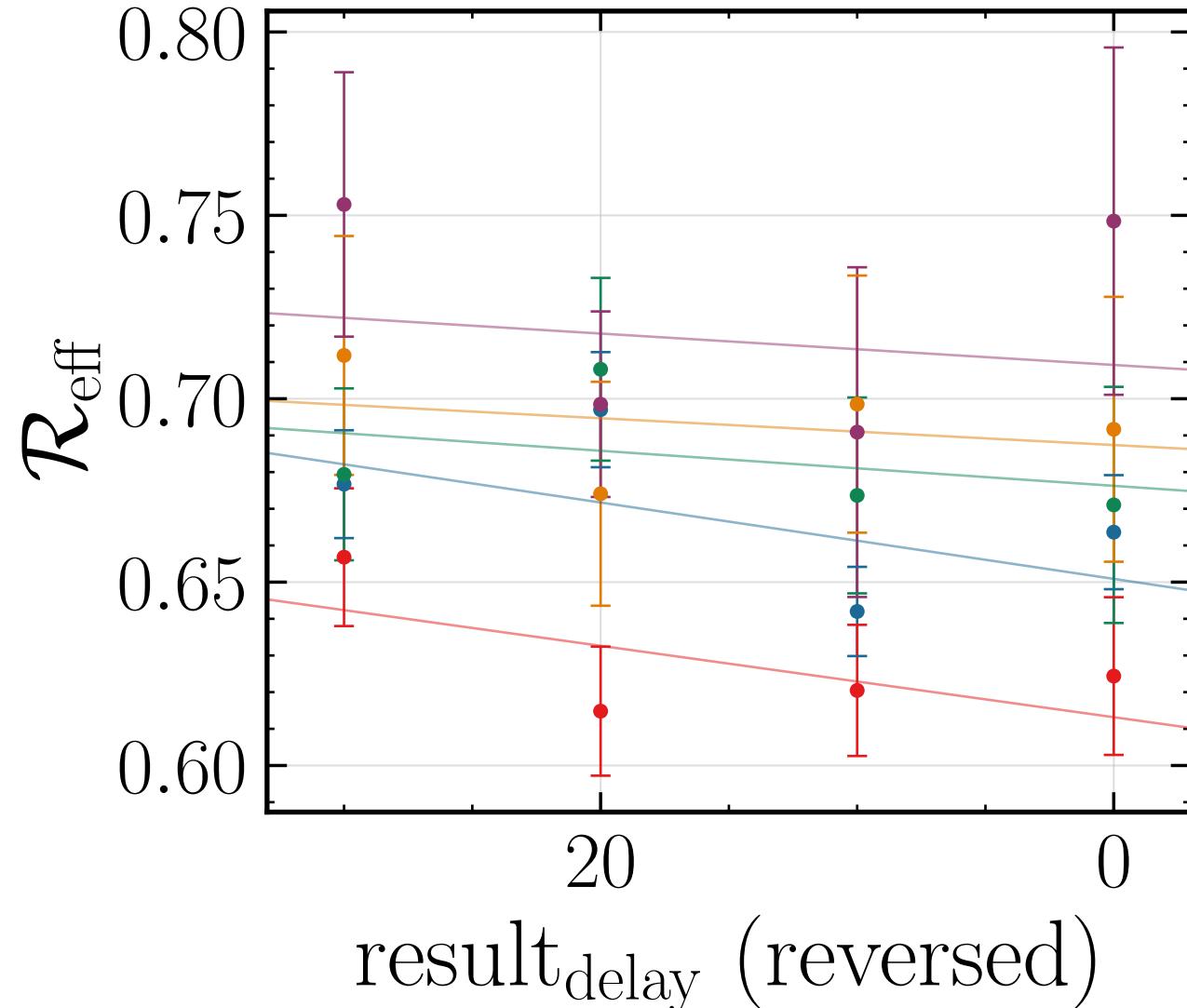
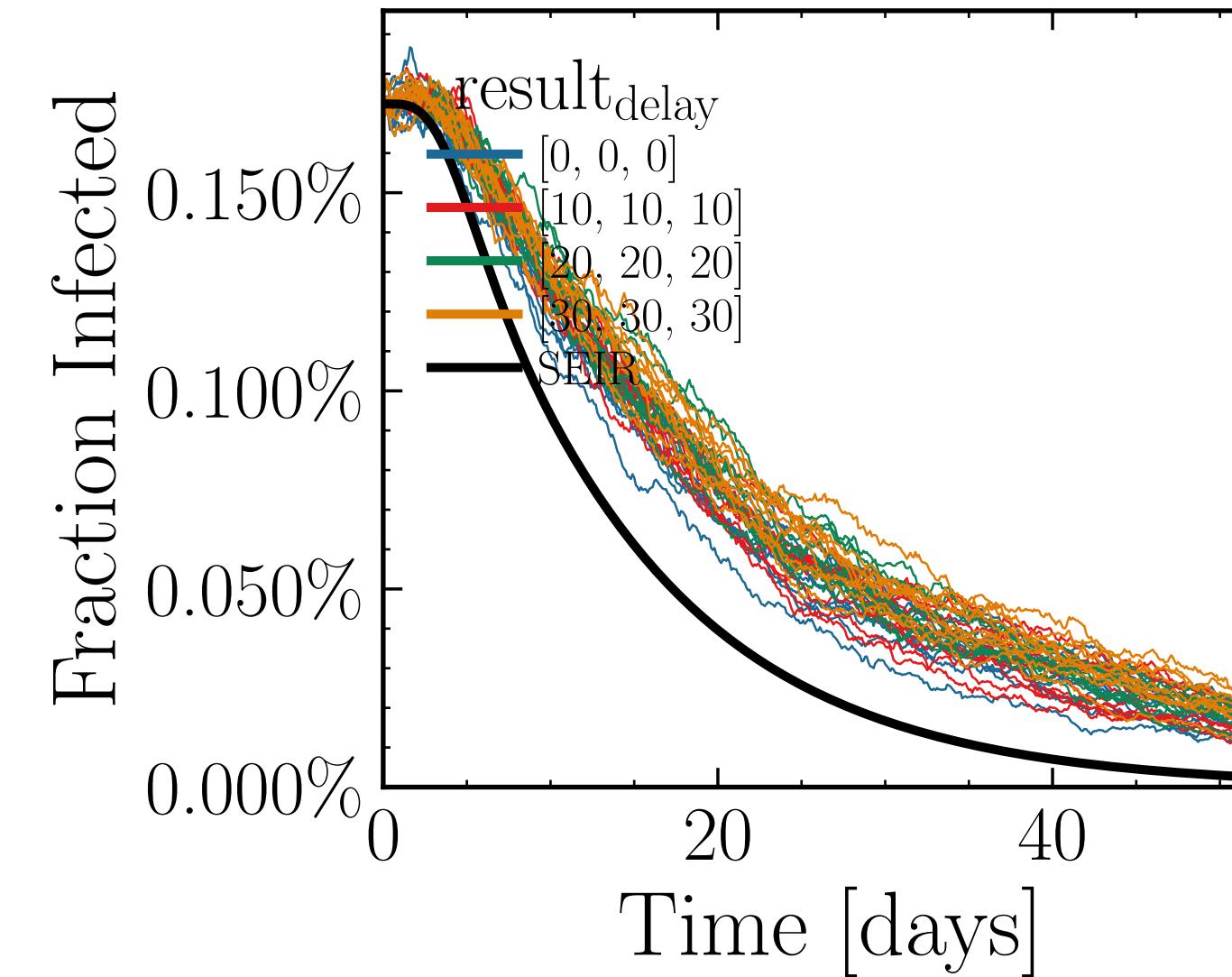
- Day: 20, $a=0.0023 \pm 0.0006$
- Day: 25, $a=0.0013 \pm 0.0006$
- Day: 30, $a=0.0015 \pm 0.0007$
- Day: 35, $a=0.001 \pm 0.001$
- Day: 40, $a=0.001 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.2386$, $\sigma_\mu = 0.0$, $\beta = 0.0137$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6426$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.14K$, event_{size_{max}} = 10, event_{size_{mean}} = 4.288, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



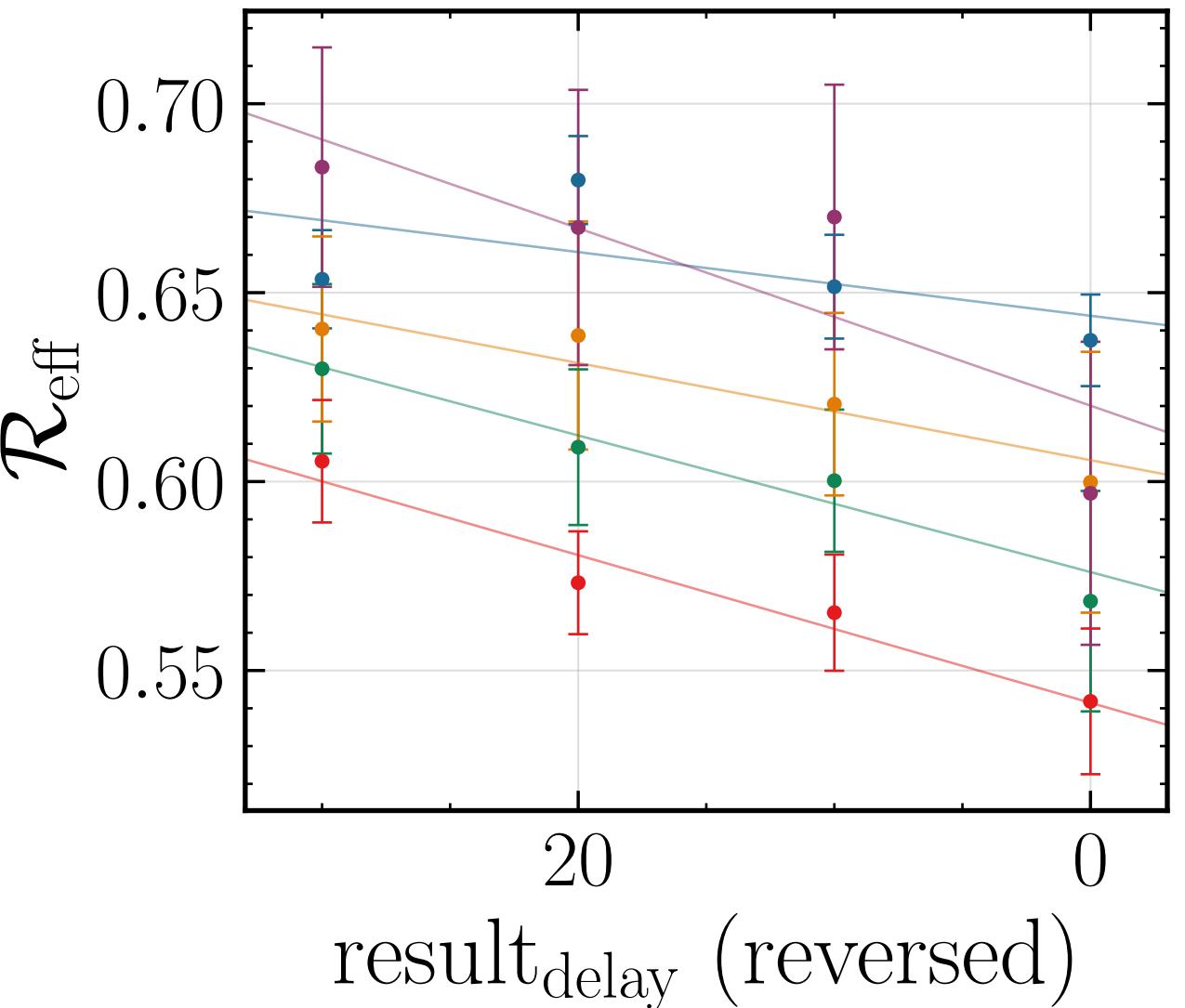
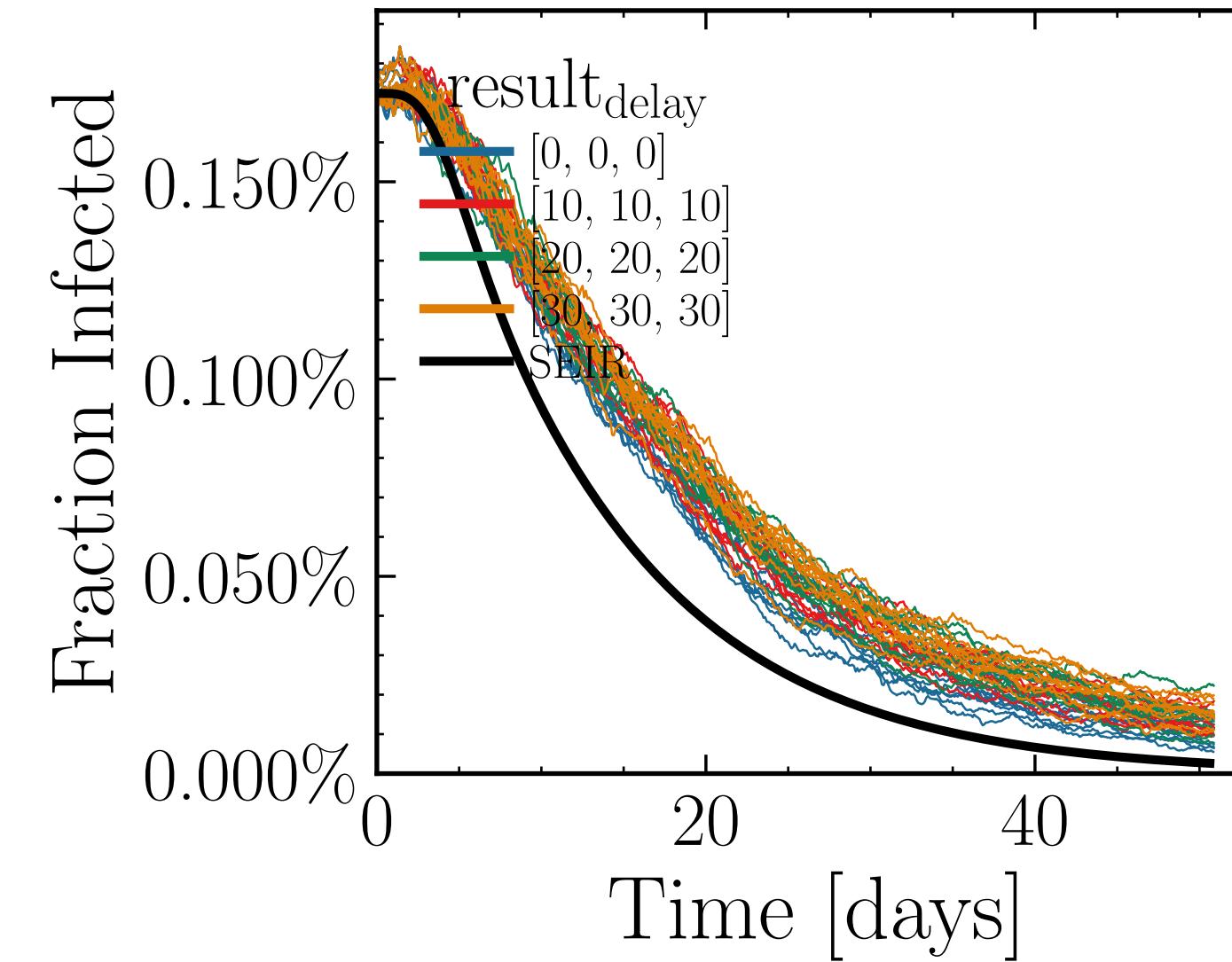
Day: 20, $a=0.0023 \pm 0.0008$
 Day: 25, $a=0.003 \pm 0.001$
 Day: 30, $a=0.001 \pm 0.001$
 Day: 35, $a=0.000 \pm 0.001$
 Day: 40, $a=-0.001 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.8799$, $\sigma_\mu = 0.0$, $\beta = 0.0108$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



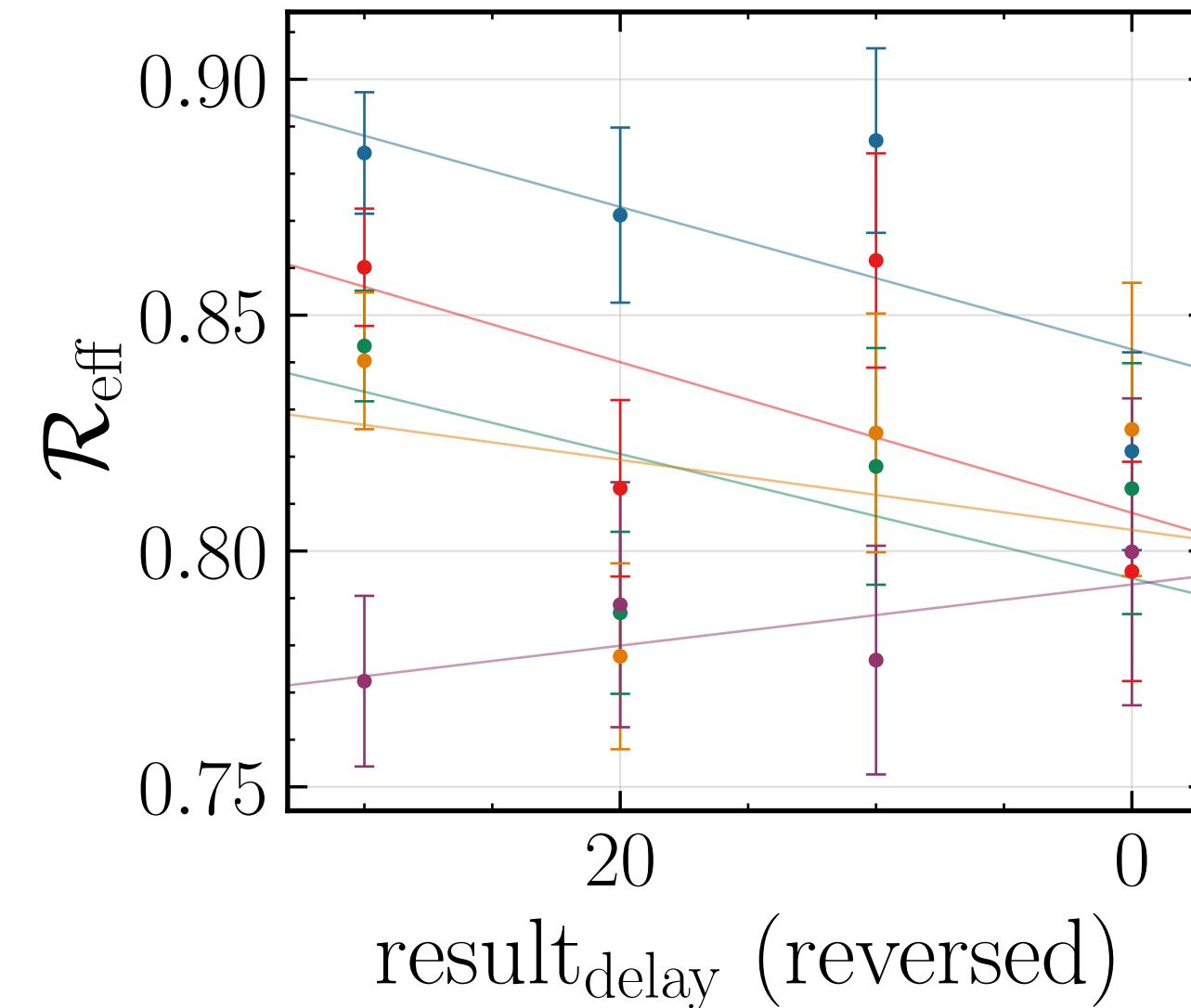
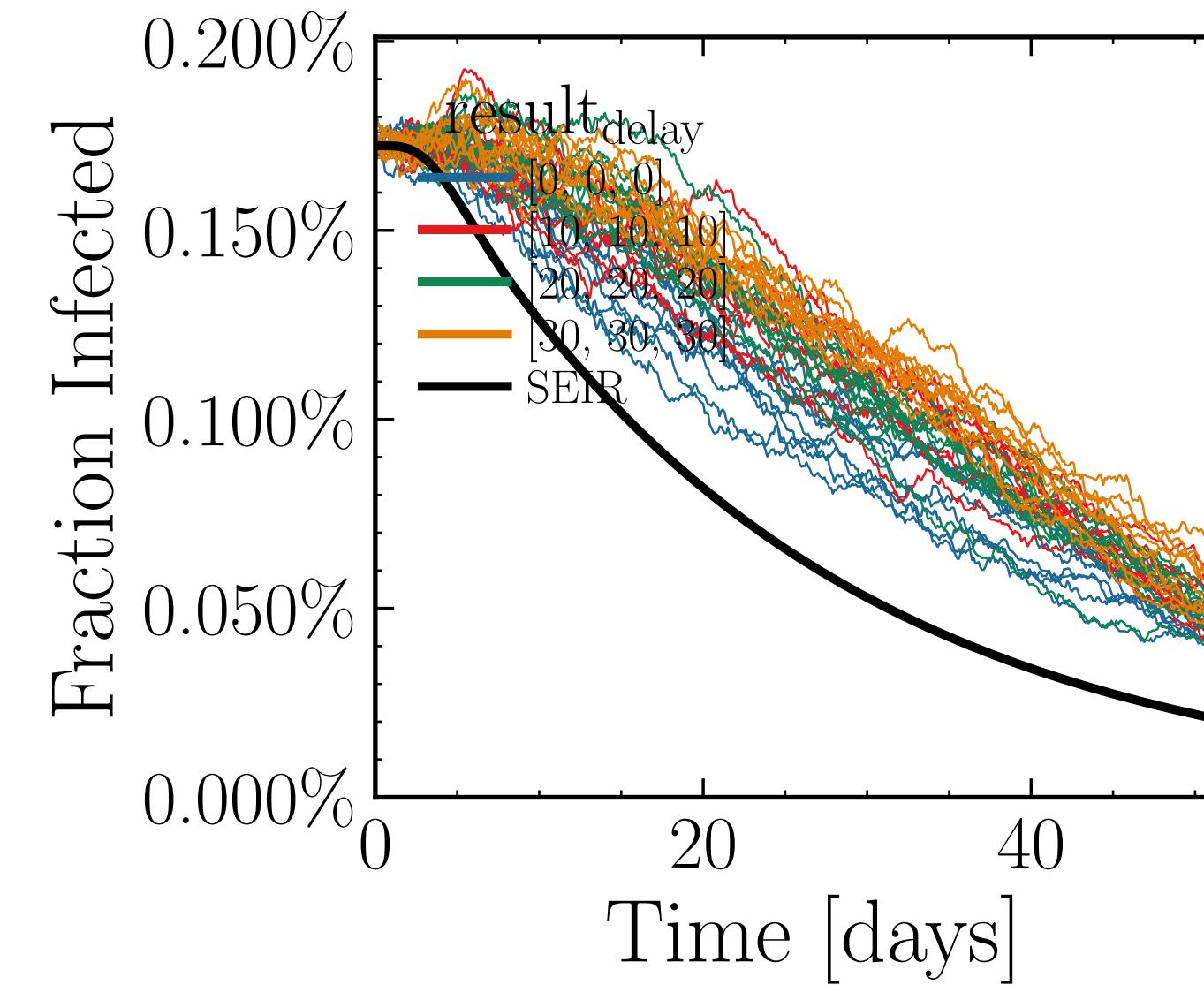
Day: 20, a=	0.0010 ± 0.0007
Day: 25, a=	0.0010 ± 0.0009
Day: 30, a=	0.000 ± 0.001
Day: 35, a=	0.000 ± 0.002
Day: 40, a=	0.000 ± 0.002

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.9828$, $\sigma_\mu = 0.0$, $\beta = 0.0106$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$, $f_{\text{work/other}} = 0.628$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.09K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 3.2709$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



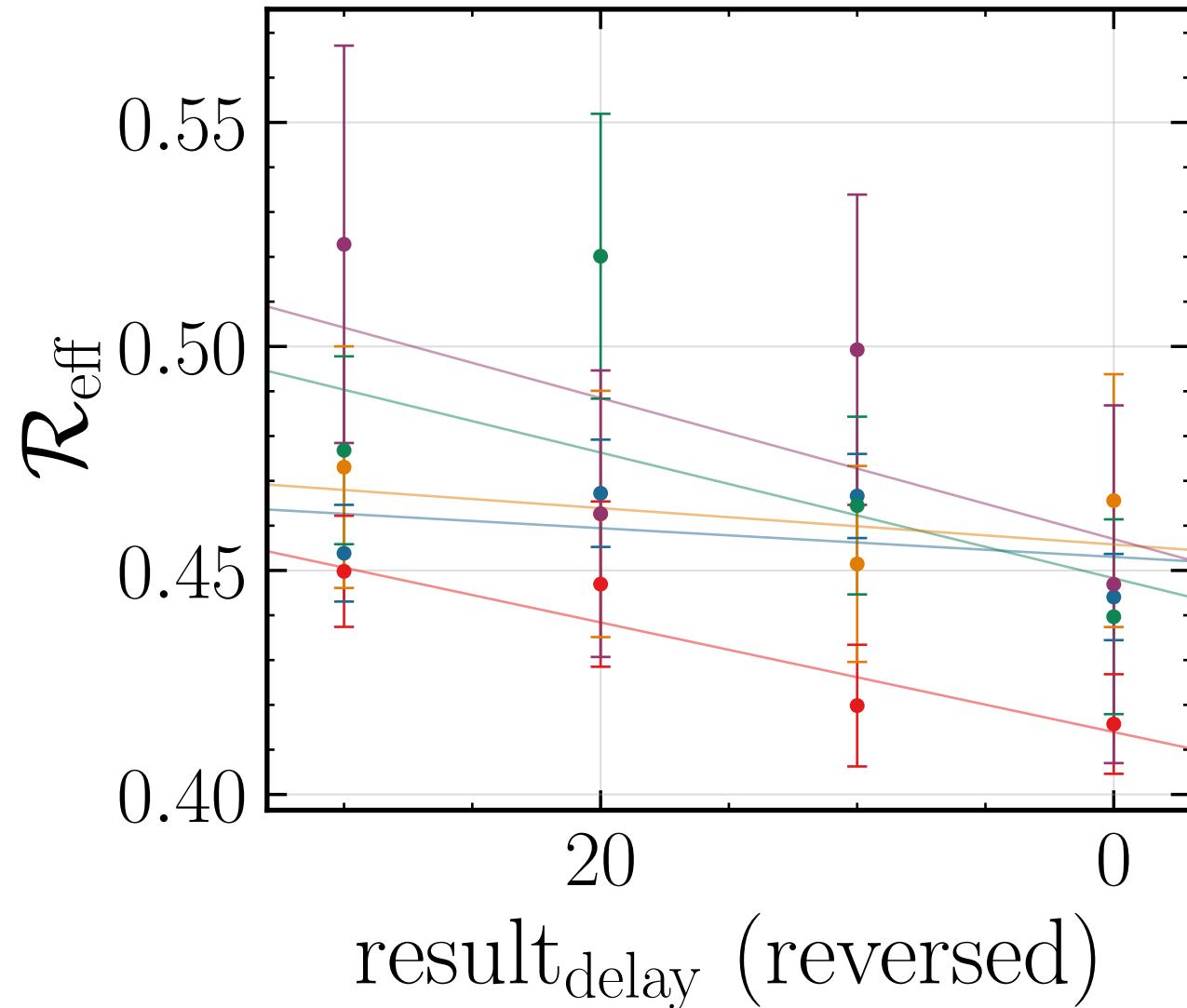
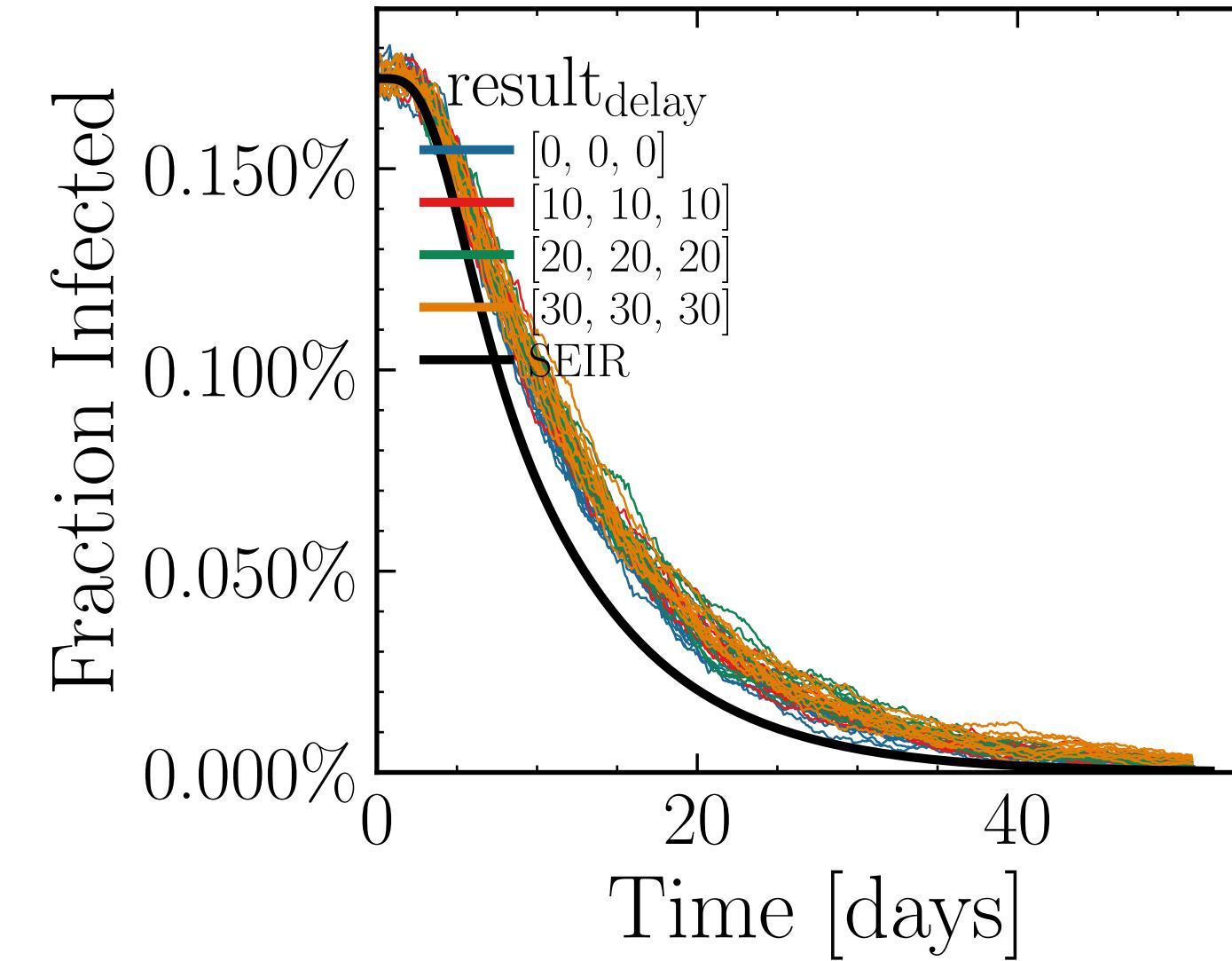
- Day: 20, $a=0.0008 \pm 0.0006$
- Day: 25, $a=0.0020 \pm 0.0008$
- Day: 30, $a=0.002 \pm 0.001$
- Day: 35, $a=0.001 \pm 0.001$
- Day: 40, $a=0.002 \pm 0.002$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 16.521$, $\sigma_\mu = 0.0$, $\beta = 0.0114$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



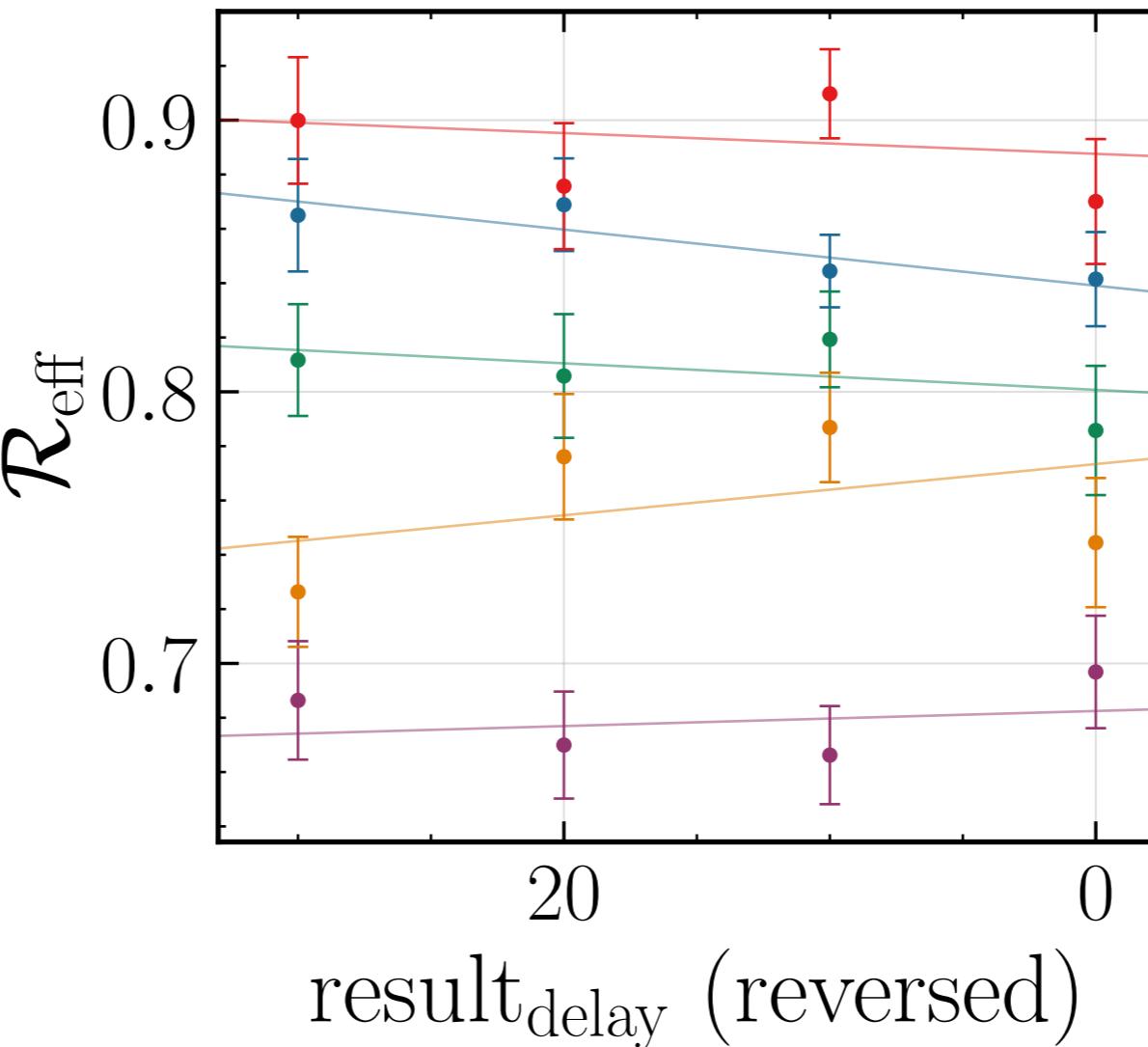
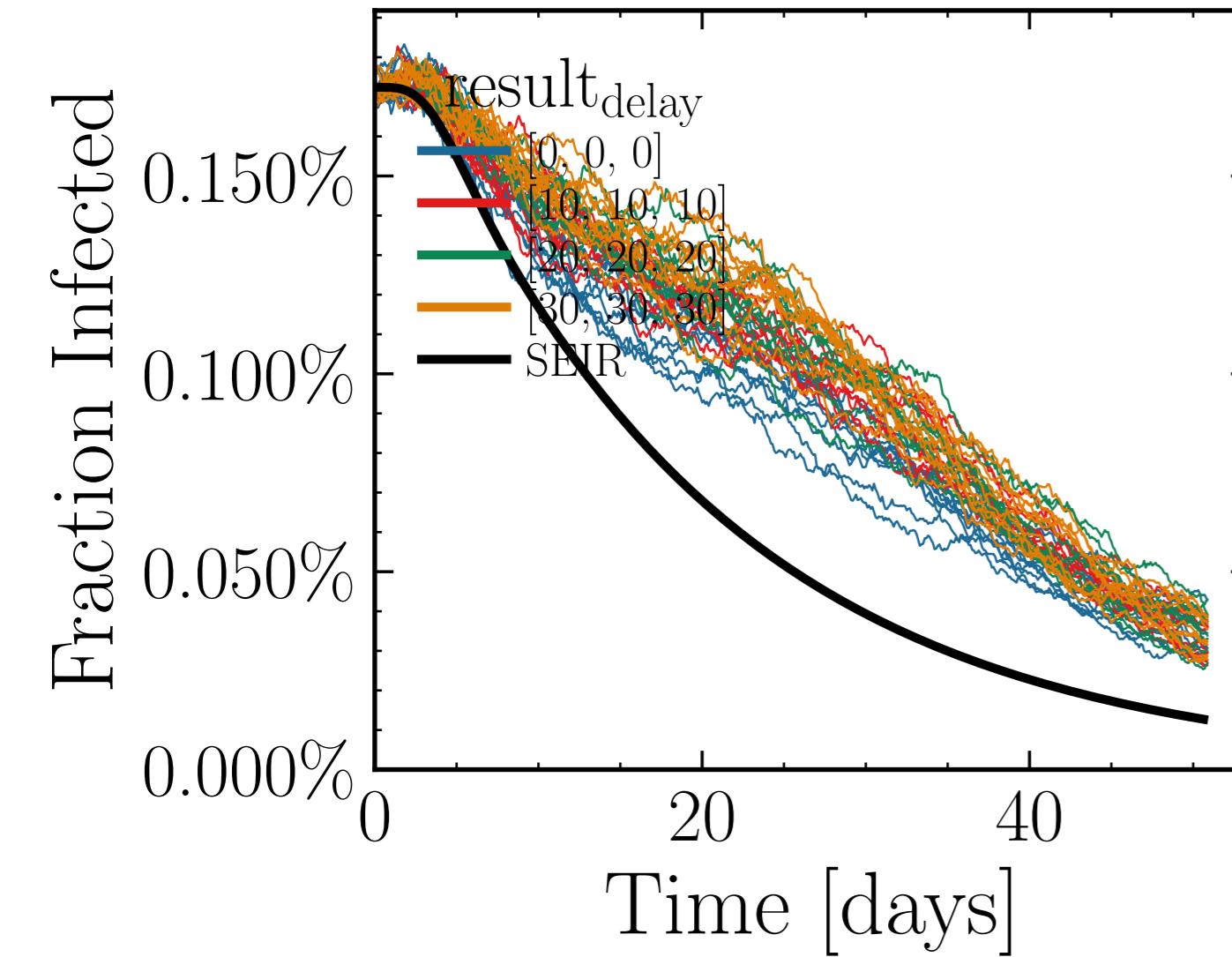
Day: 20, a=0.0015 ± 0.0008
Day: 25, a=0.0016 ± 0.0008
Day: 30, a=0.0013 ± 0.0008
Day: 35, a=0.001 ± 0.001
Day: 40, a=-0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.6249$, $\sigma_\mu = 0.0$, $\beta = 0.0089$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

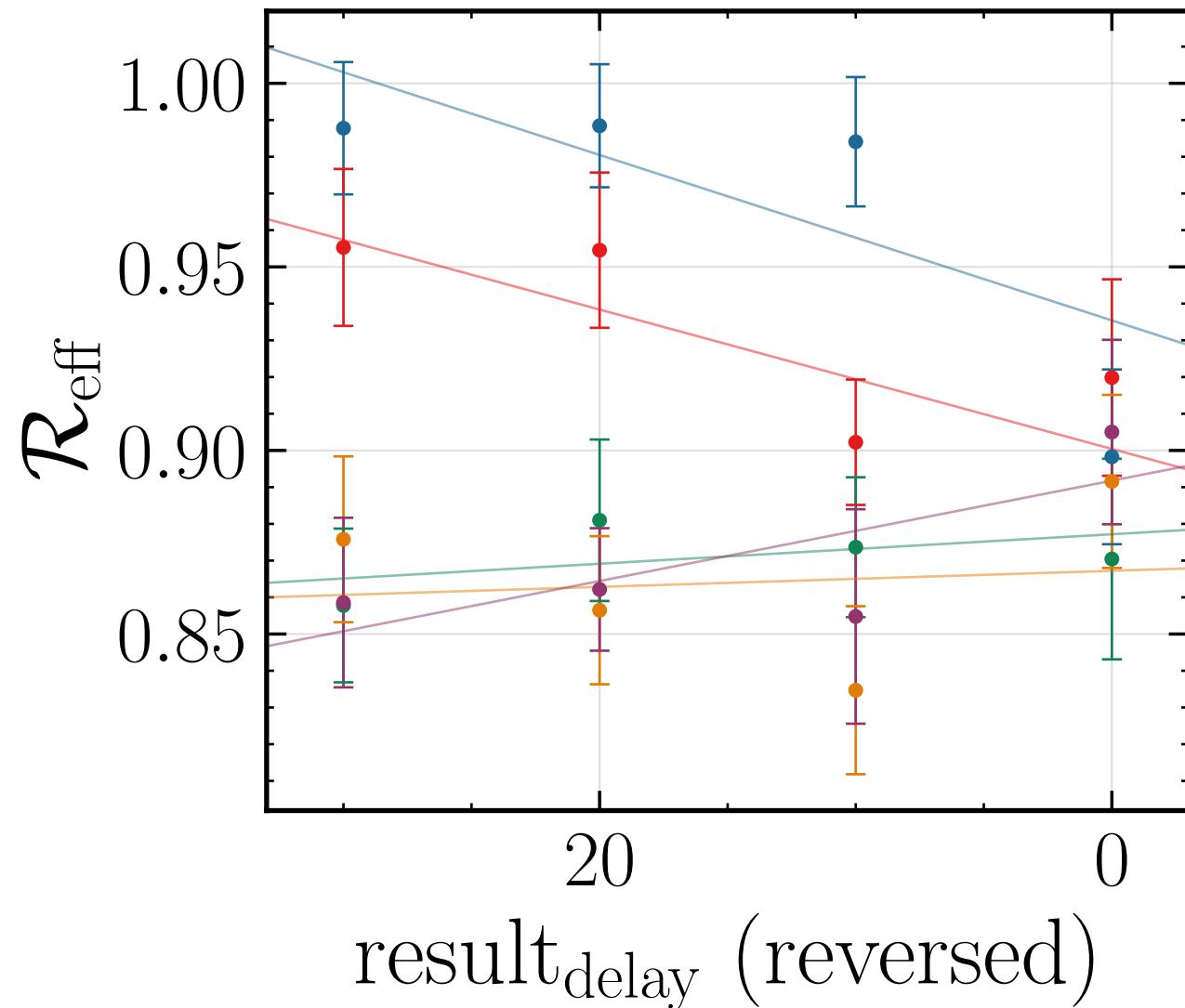
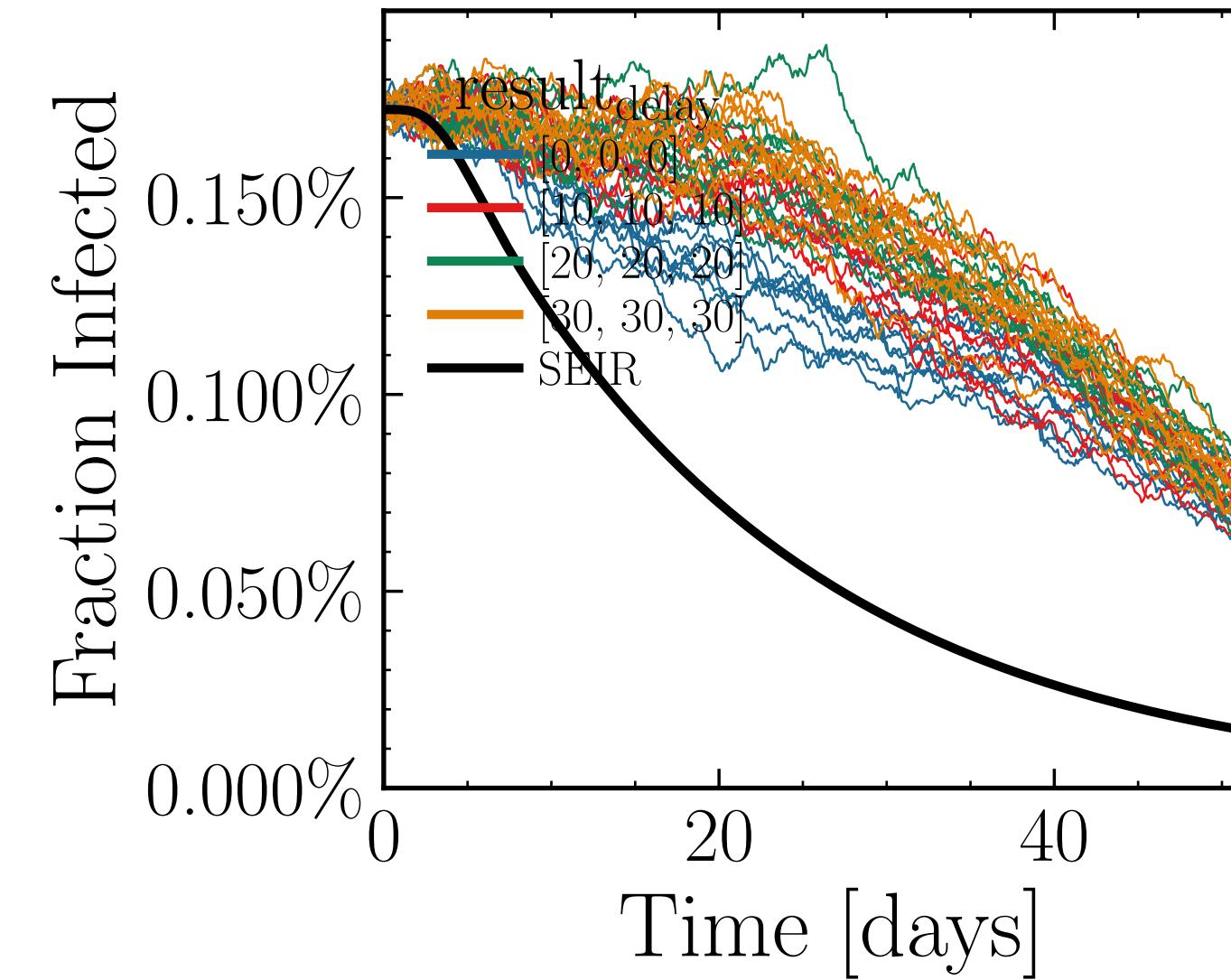


- Day: 20, $a=0.0003 \pm 0.0005$
- Day: 25, $a=0.0012 \pm 0.0005$
- Day: 30, $a=0.001 \pm 0.001$
- Day: 35, $a=0.000 \pm 0.001$
- Day: 40, $a=0.002 \pm 0.002$

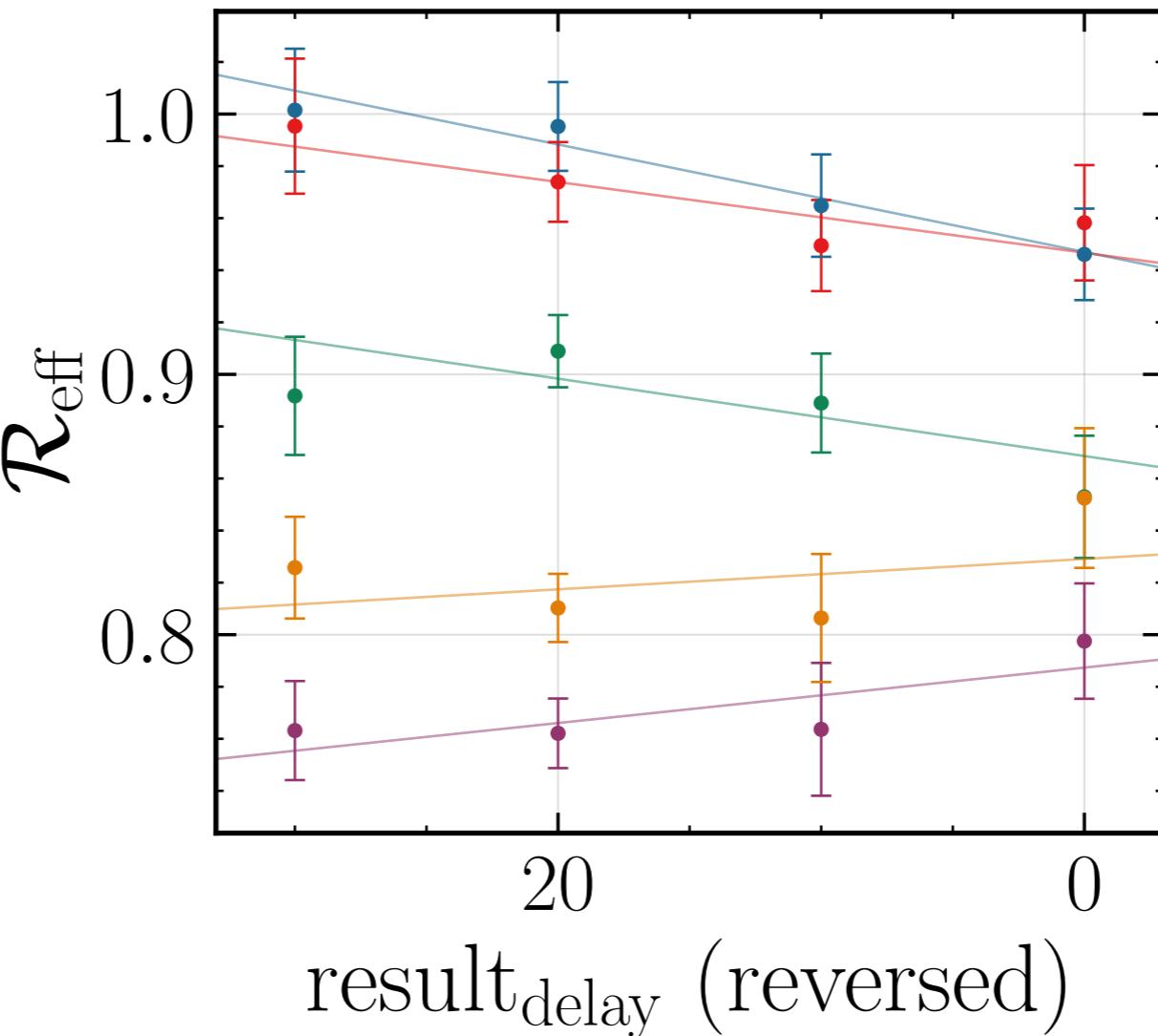
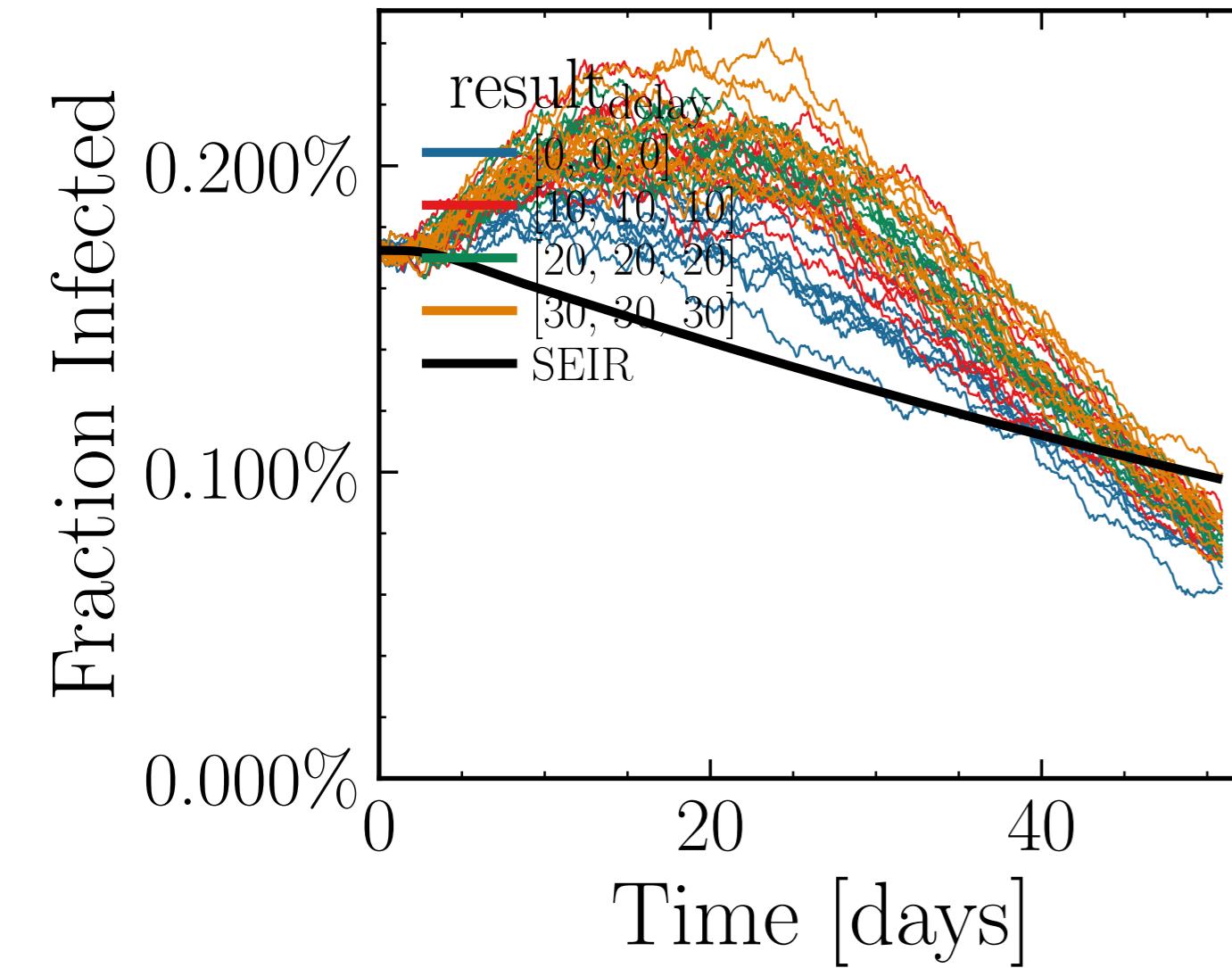
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.8404$, $\sigma_\mu = 0.0$, $\beta = 0.0088$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5041$, $N_{\text{contacts}_{\max}}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



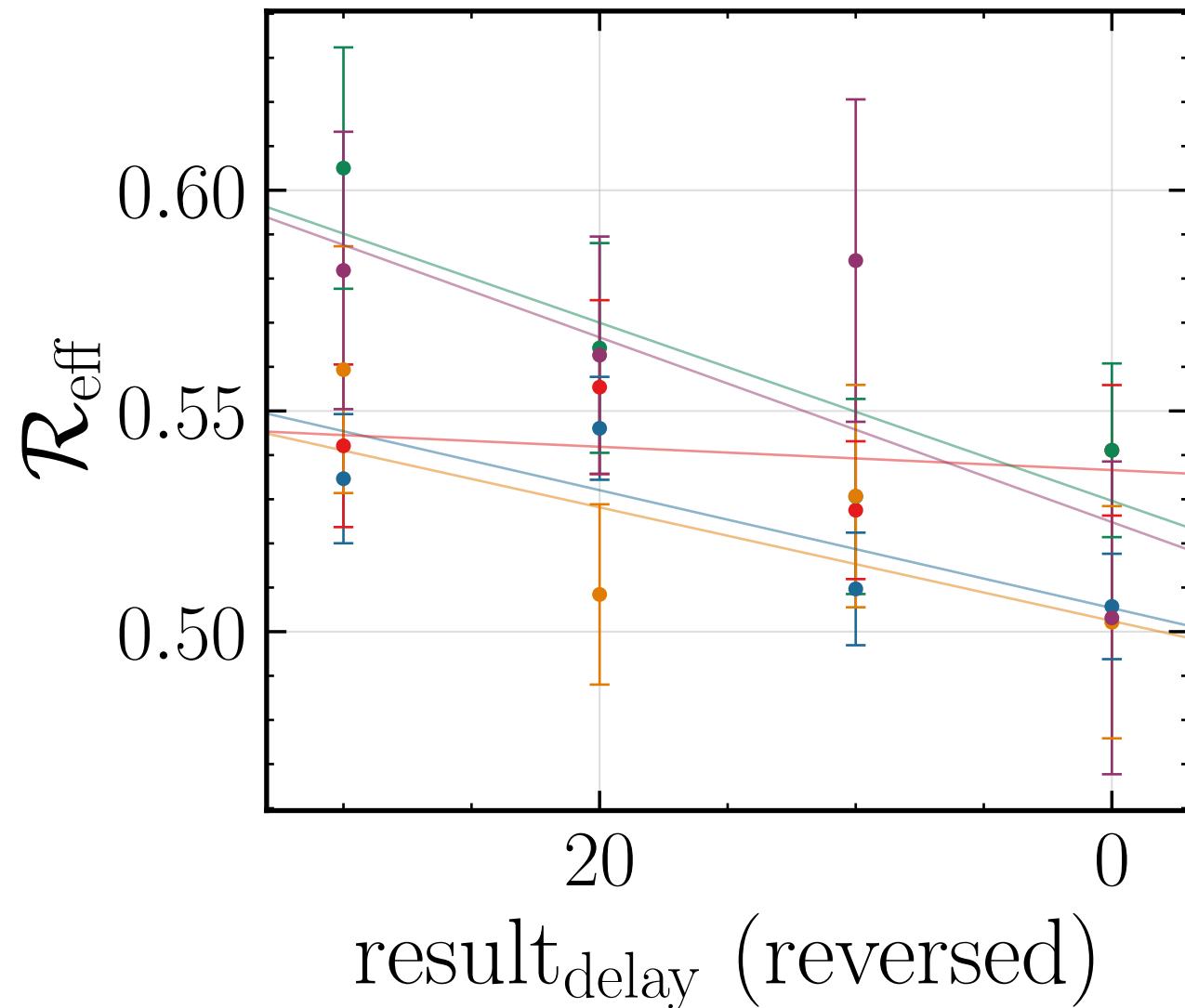
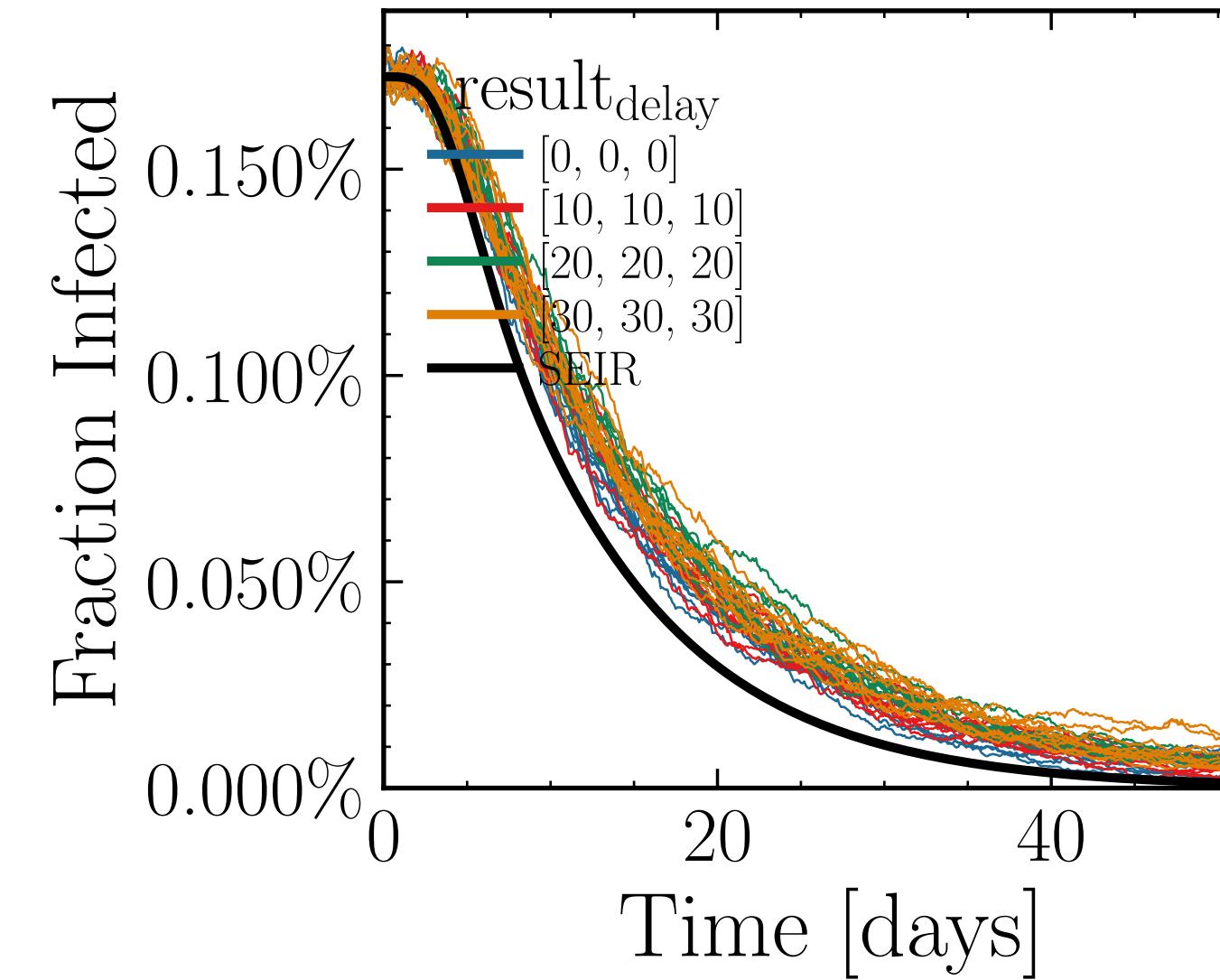
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.114$, $\sigma_\mu = 0.0$, $\beta = 0.0127$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$, $f_{\text{work/other}} = 0.456$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 3.71K$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 4.7299$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
do_int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_delay = [0, 0, 25]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.1948$, $\sigma_\mu = 0.0$, $\beta = 0.0122$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10

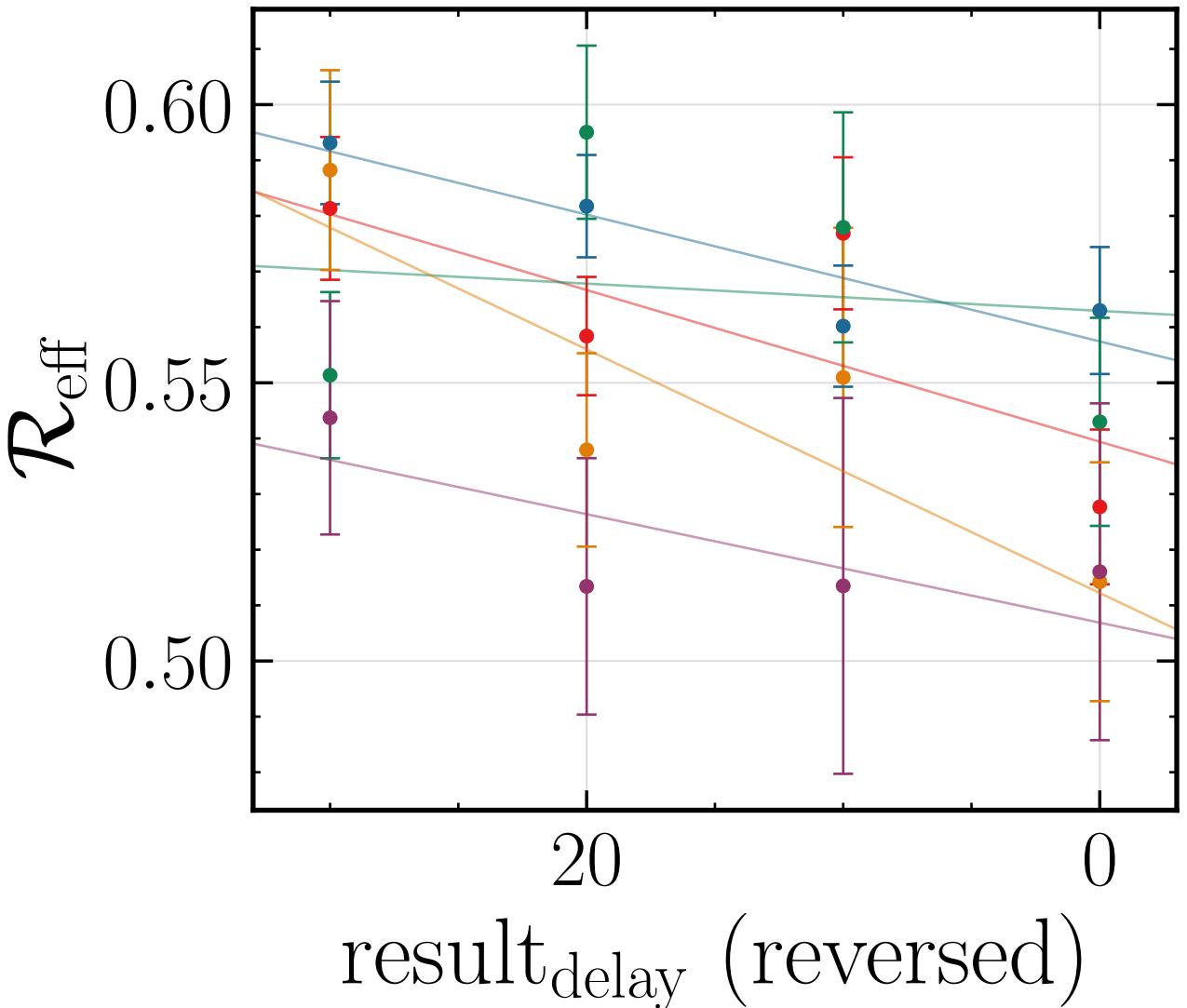
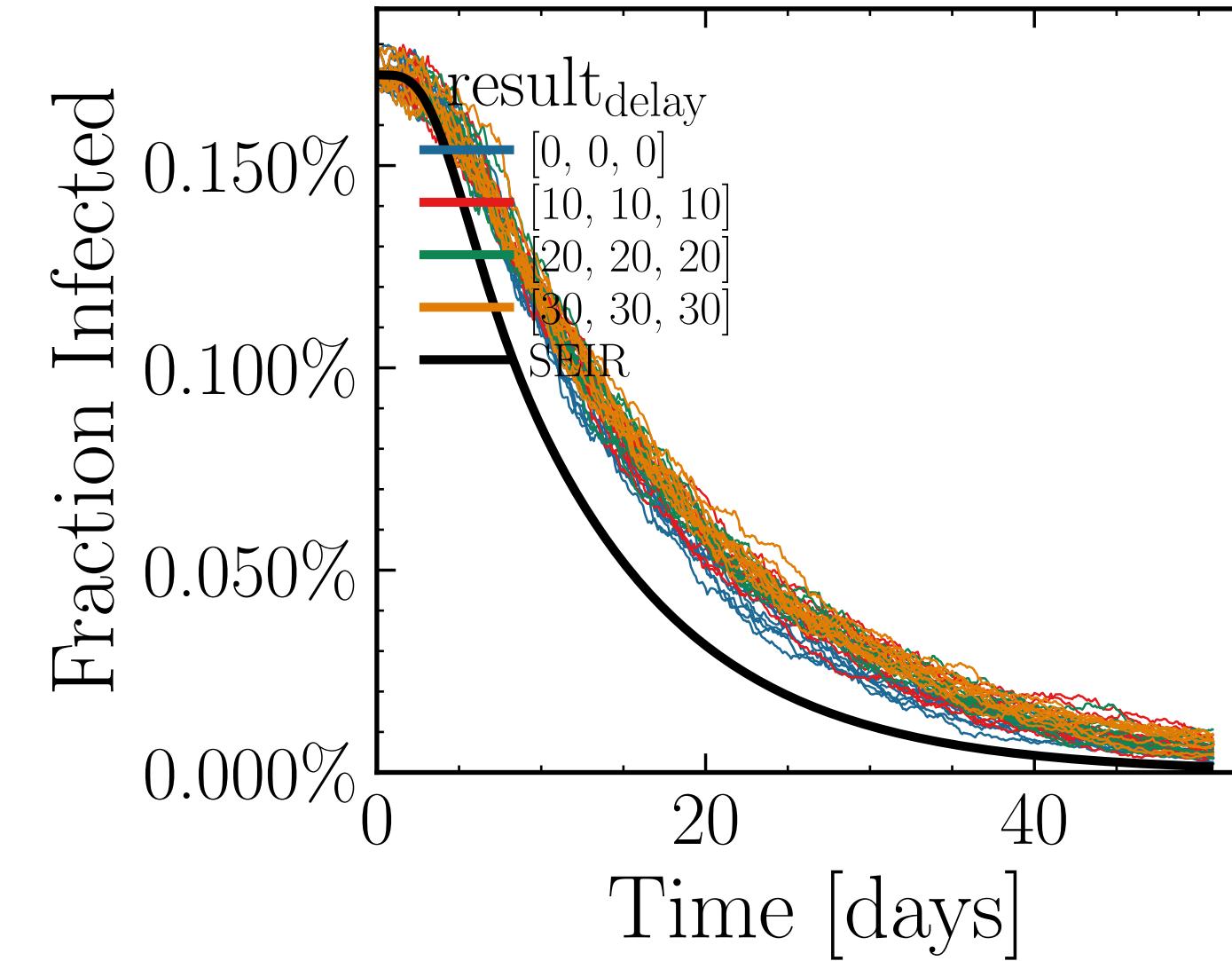


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.5354$, $\sigma_\mu = 0.0$, $\beta = 0.0084$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6888$, $N_{\text{contacts}_{\max}}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



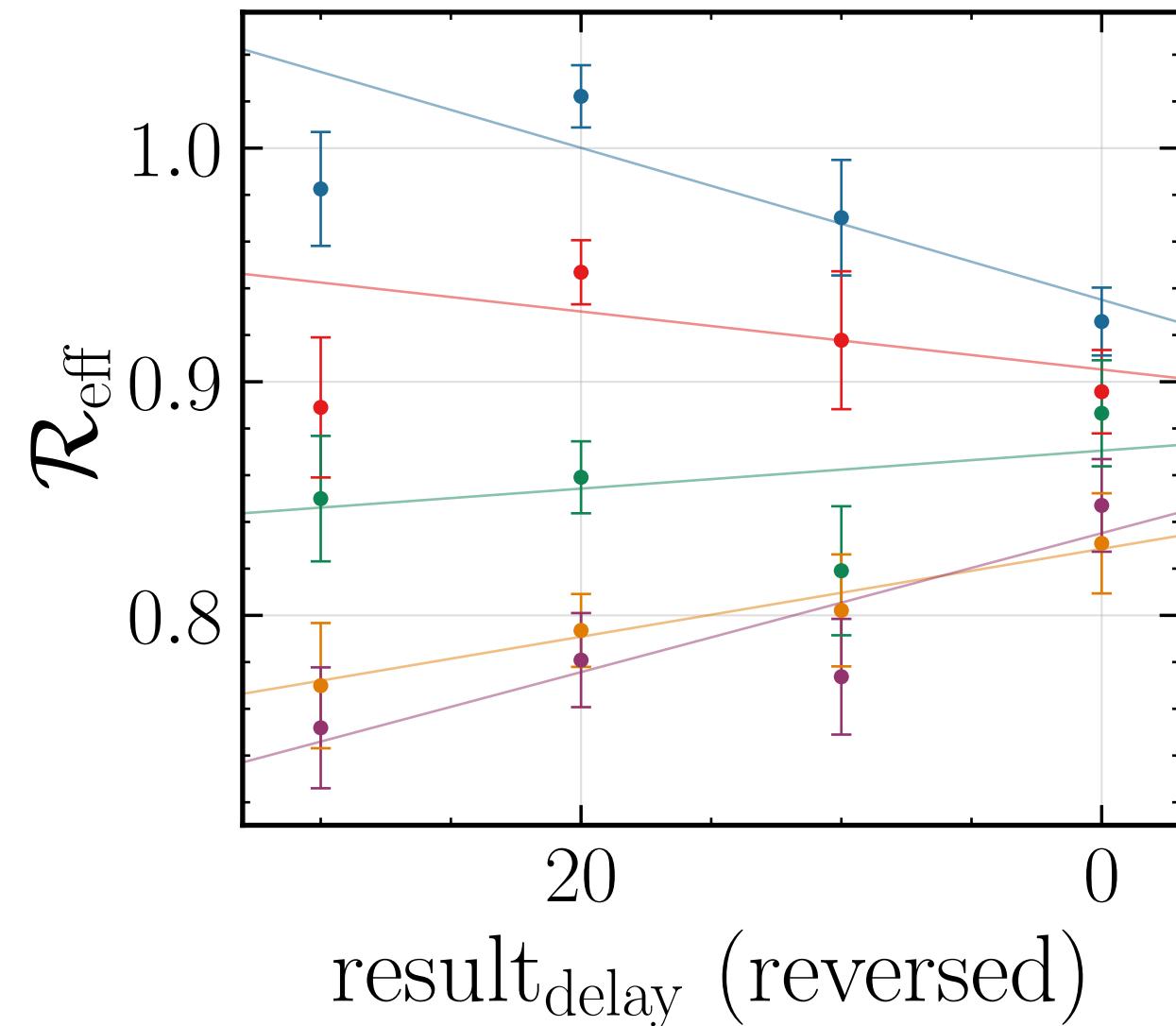
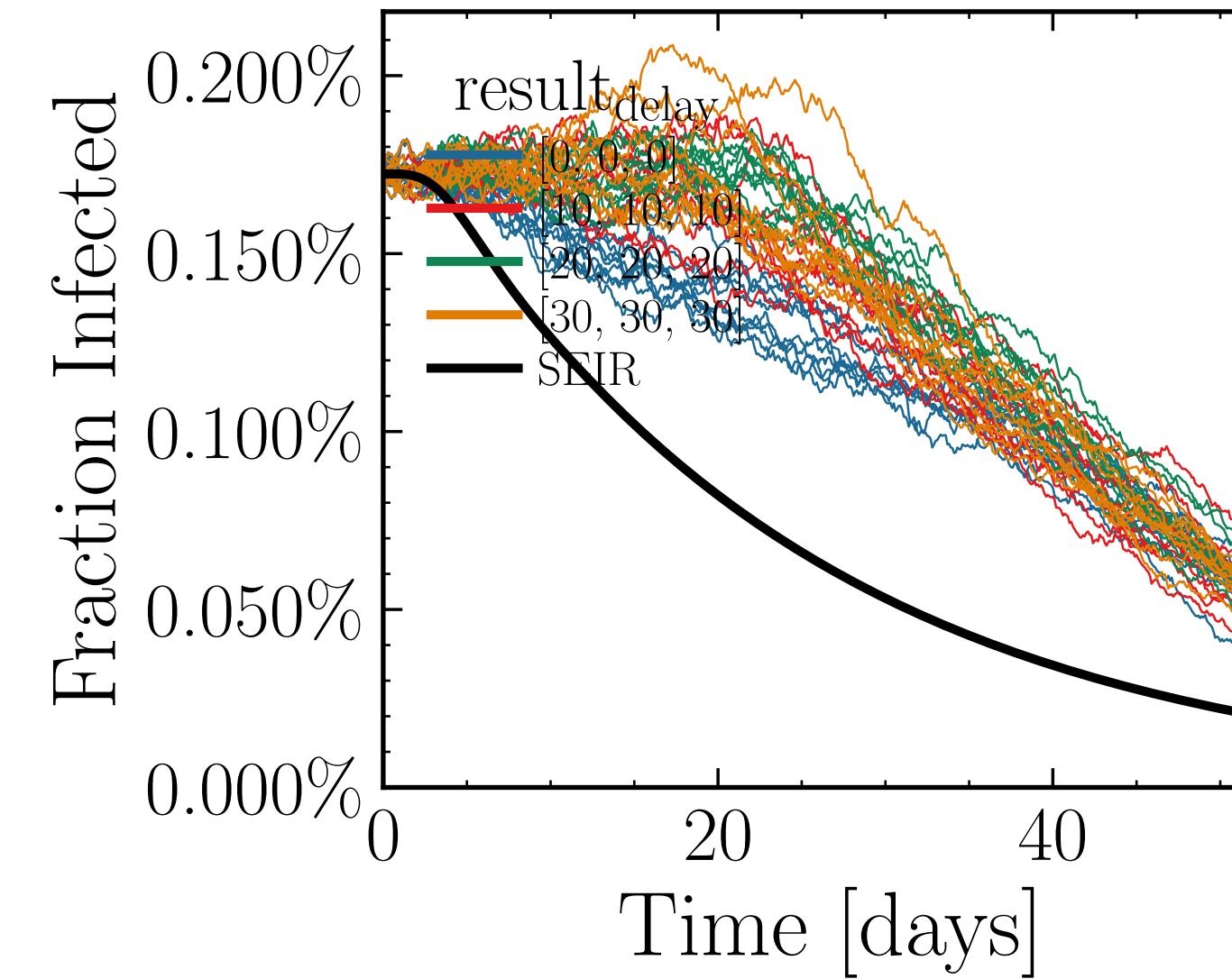
Day: 20, a=0.0013 ± 0.0006
Day: 25, a=0.0003 ± 0.0007
Day: 30, a=0.002 ± 0.001
Day: 35, a=0.001 ± 0.001
Day: 40, a=0.002 ± 0.001

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



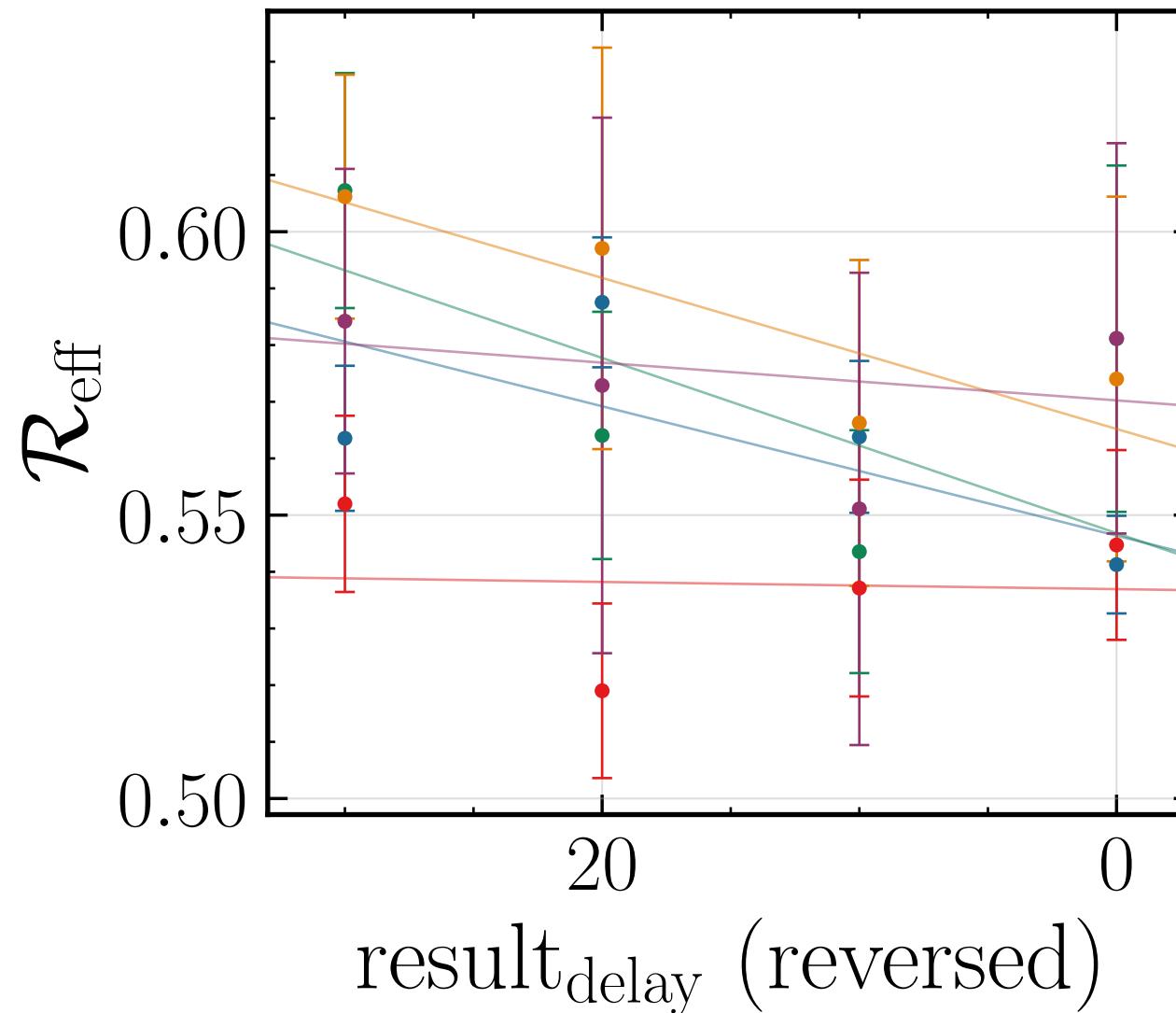
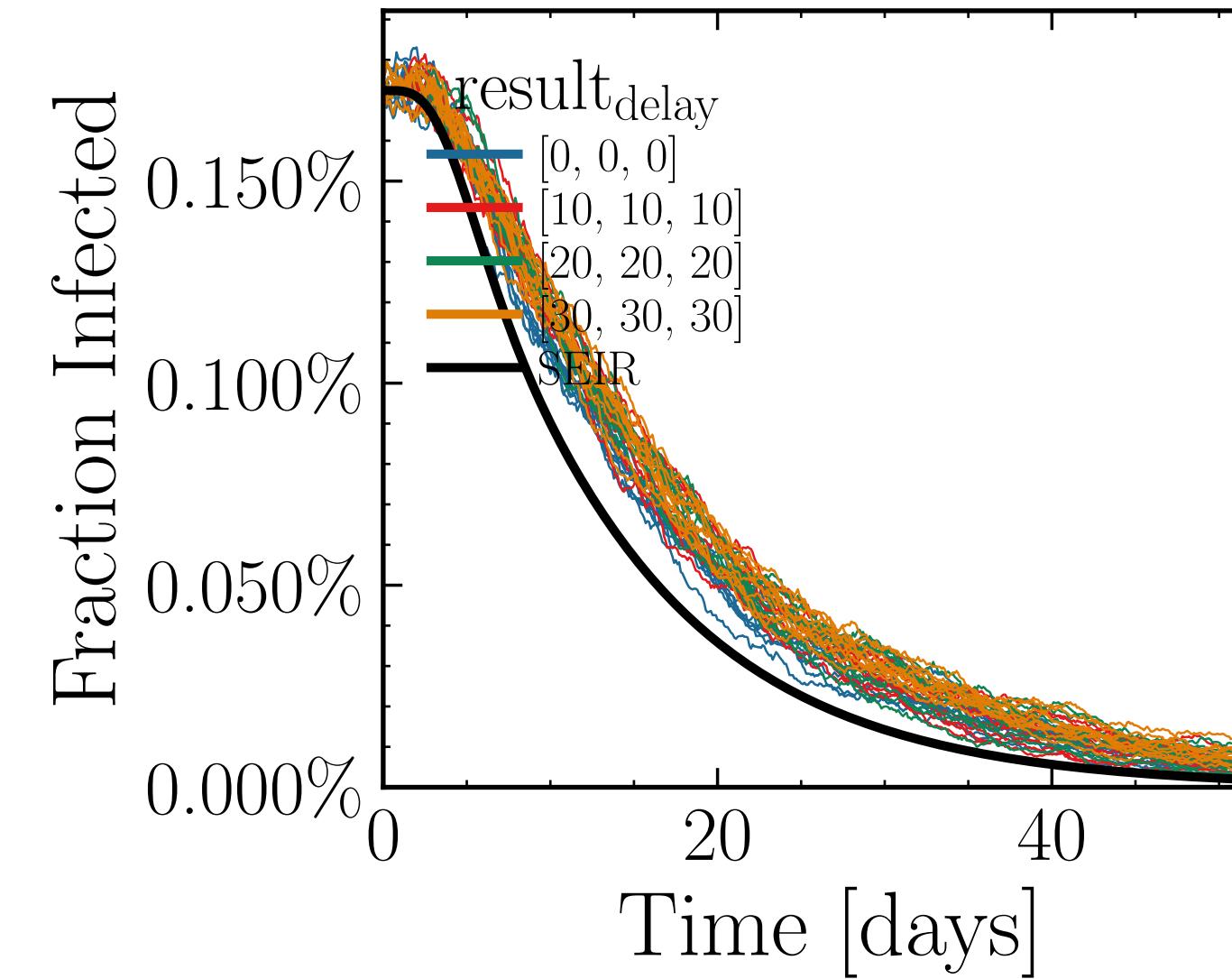
- Day: 20, $a=0.0011 \pm 0.0005$
- Day: 25, $a=0.0014 \pm 0.0006$
- Day: 30, $a=0.0002 \pm 0.0008$
- Day: 35, $a=0.0022 \pm 0.0009$
- Day: 40, $a=0.001 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.2104$, $\sigma_\mu = 0.0$, $\beta = 0.0124$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4217$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 2.08K$, event_{size_{max}} = 10, event_{size_{mean}} = 3.3433, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



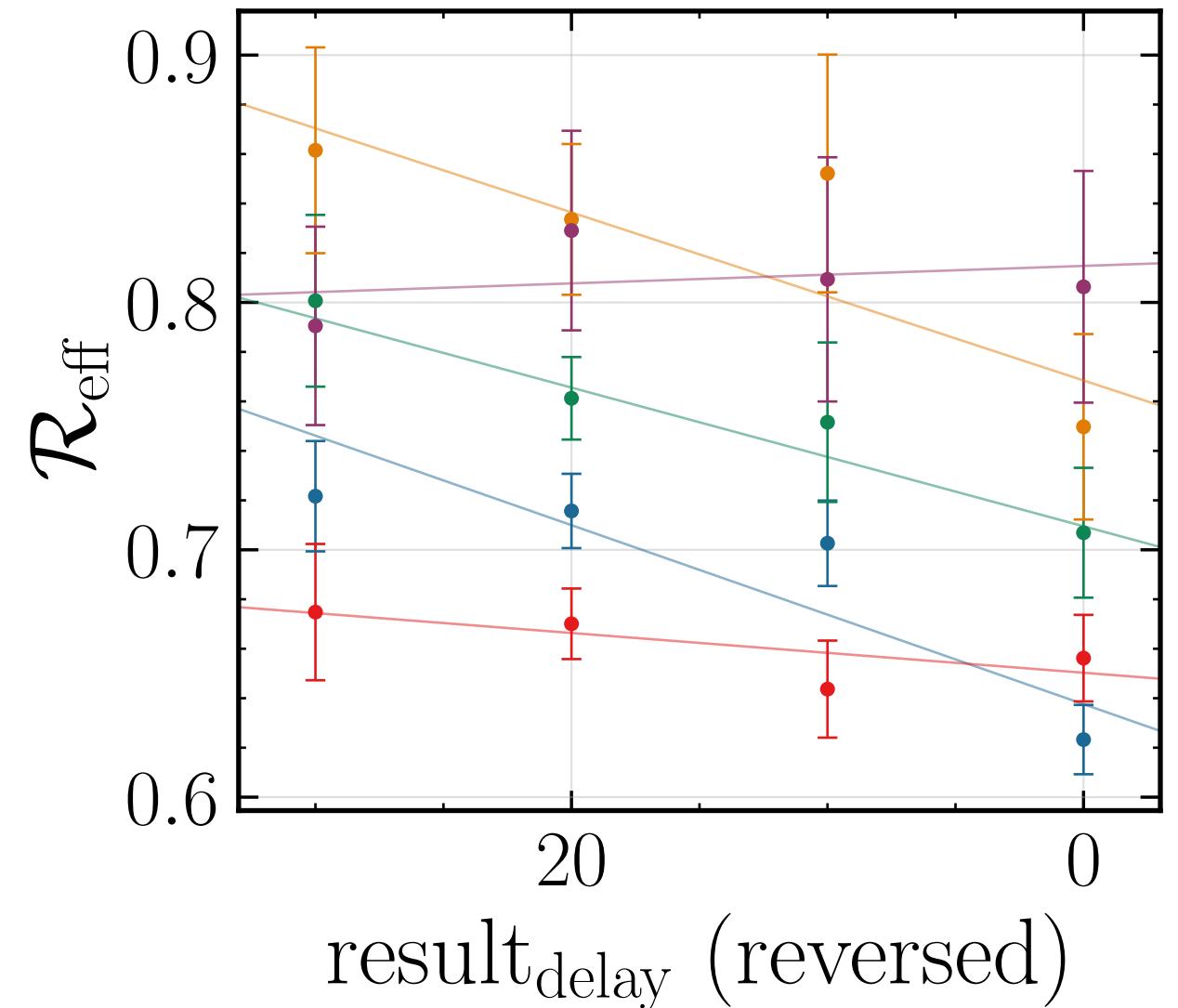
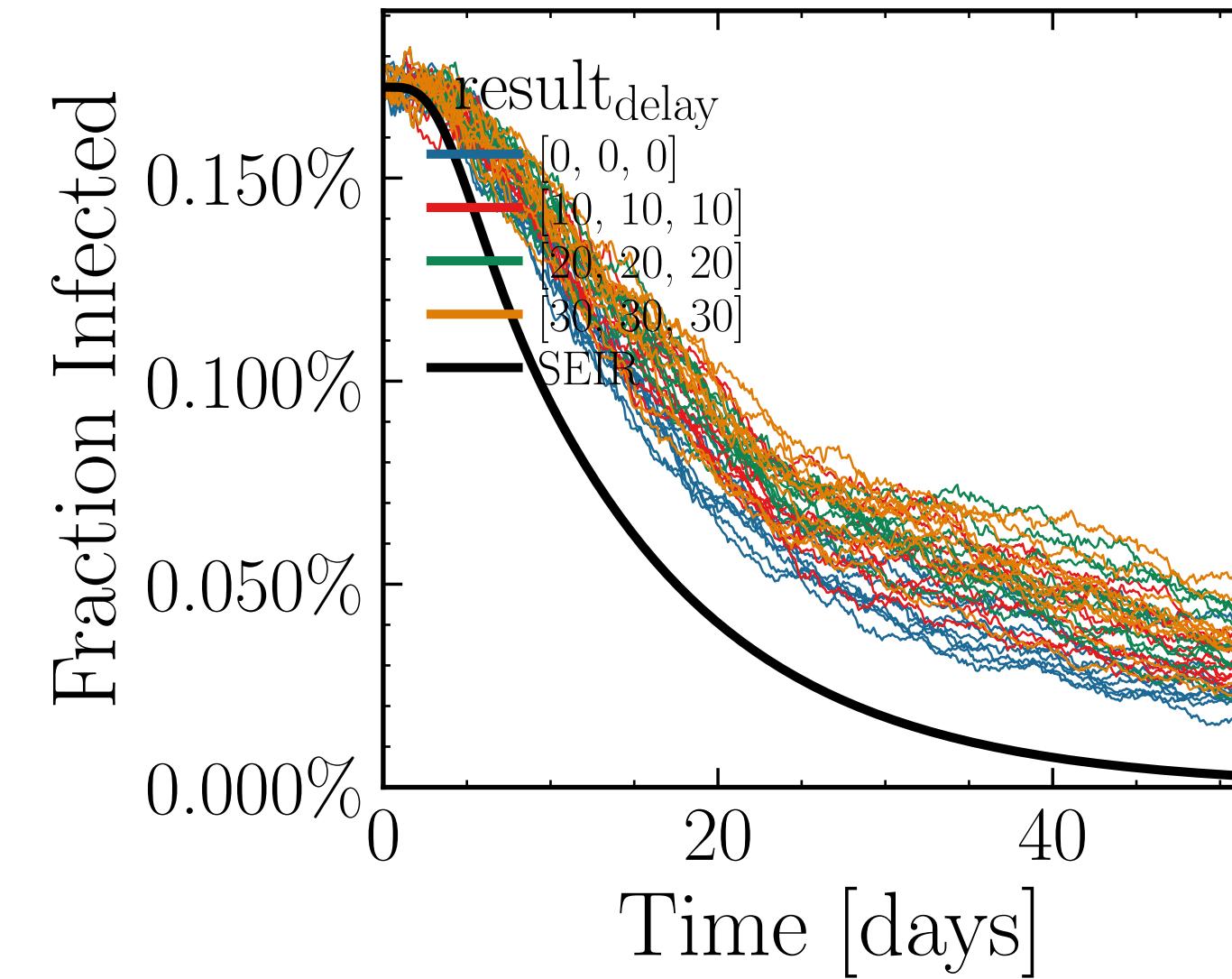
Day: 20, a=	0.0033 ± 0.0008
Day: 25, a=	0.0012 ± 0.0009
Day: 30, a=	-0.001 ± 0.001
Day: 35, a=	-0.002 ± 0.001
Day: 40, a=	-0.003 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.6345$, $\sigma_\mu = 0.0$, $\beta = 0.0091$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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_{dailytests} = 0.01, test_{delay} = [0, 0, 25]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



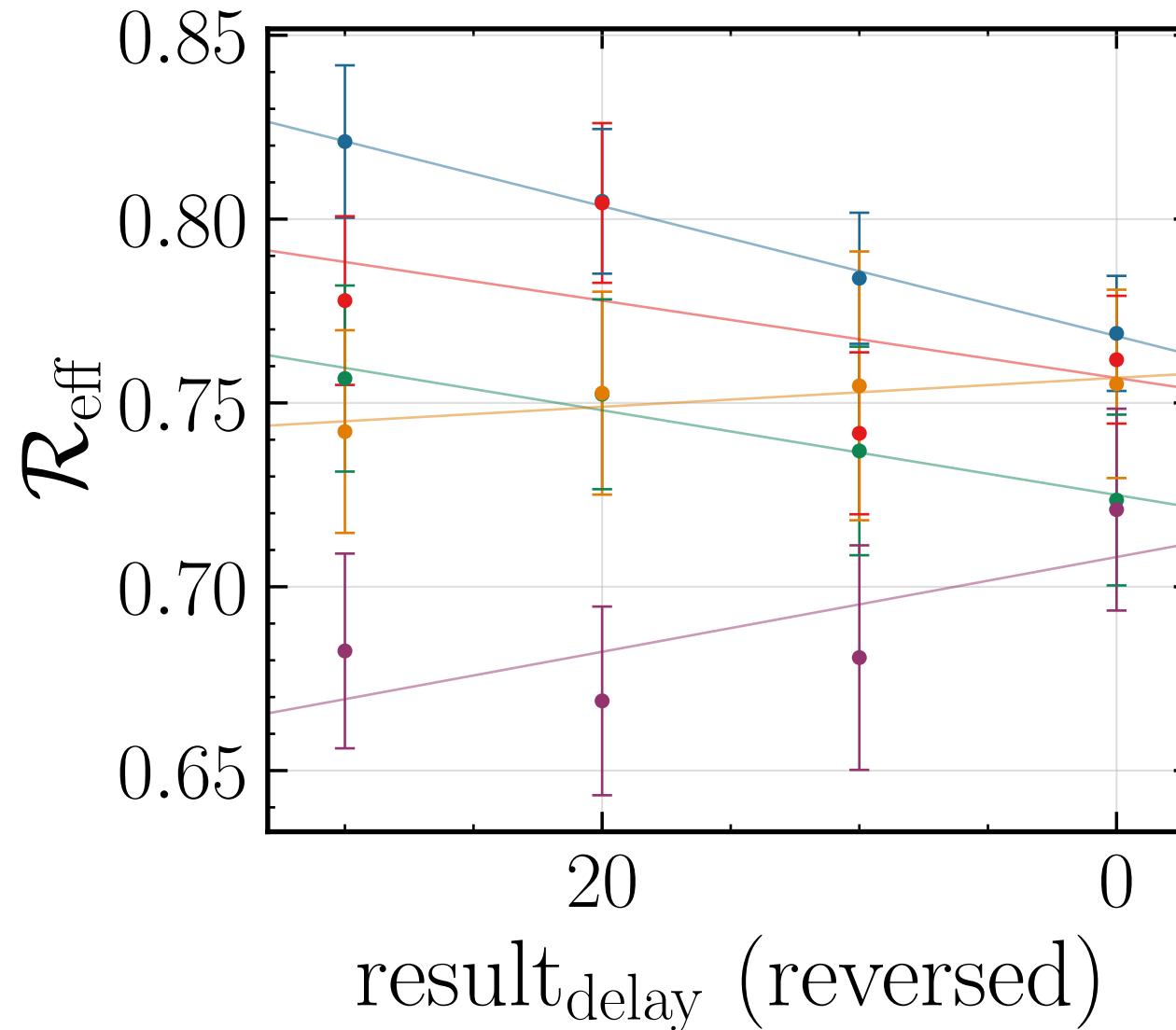
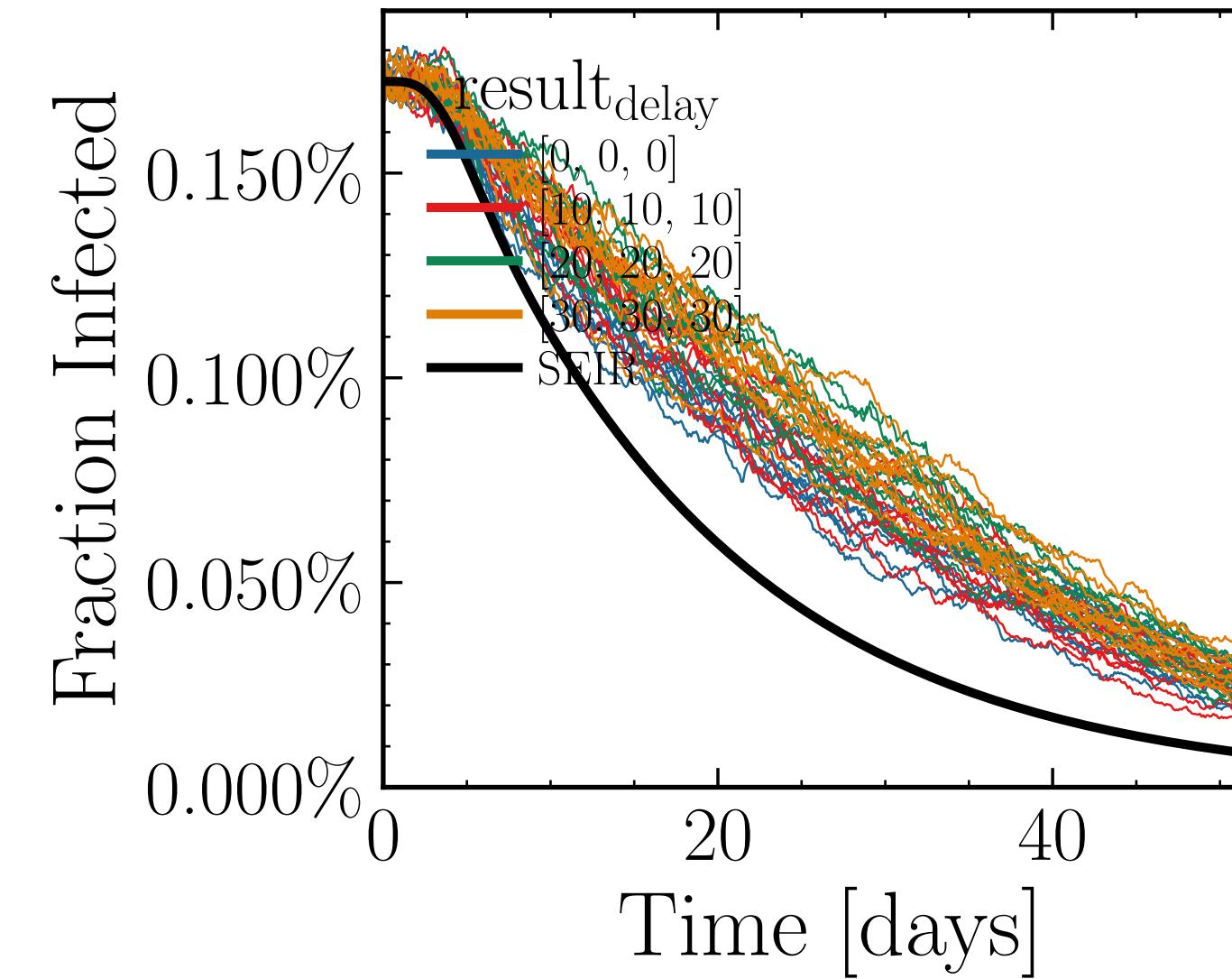
Day: 20, $a=0.0011 \pm 0.0005$
 Day: 25, $a=0.0001 \pm 0.0007$
 Day: 30, $a=0.002 \pm 0.001$
 Day: 35, $a=0.001 \pm 0.001$
 Day: 40, $a=0.000 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.3184$, $\sigma_\mu = 0.0$, $\beta = 0.0136$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



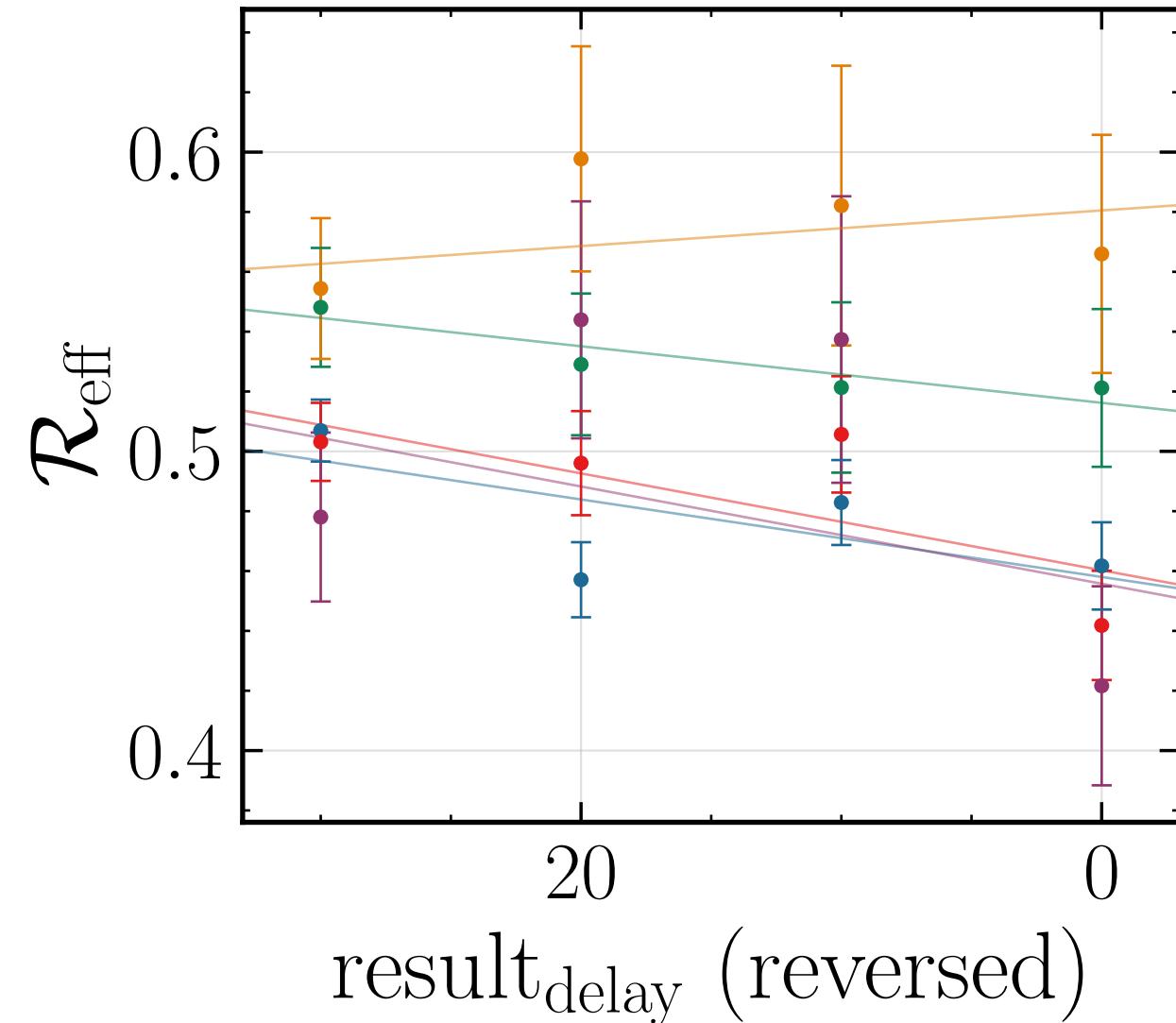
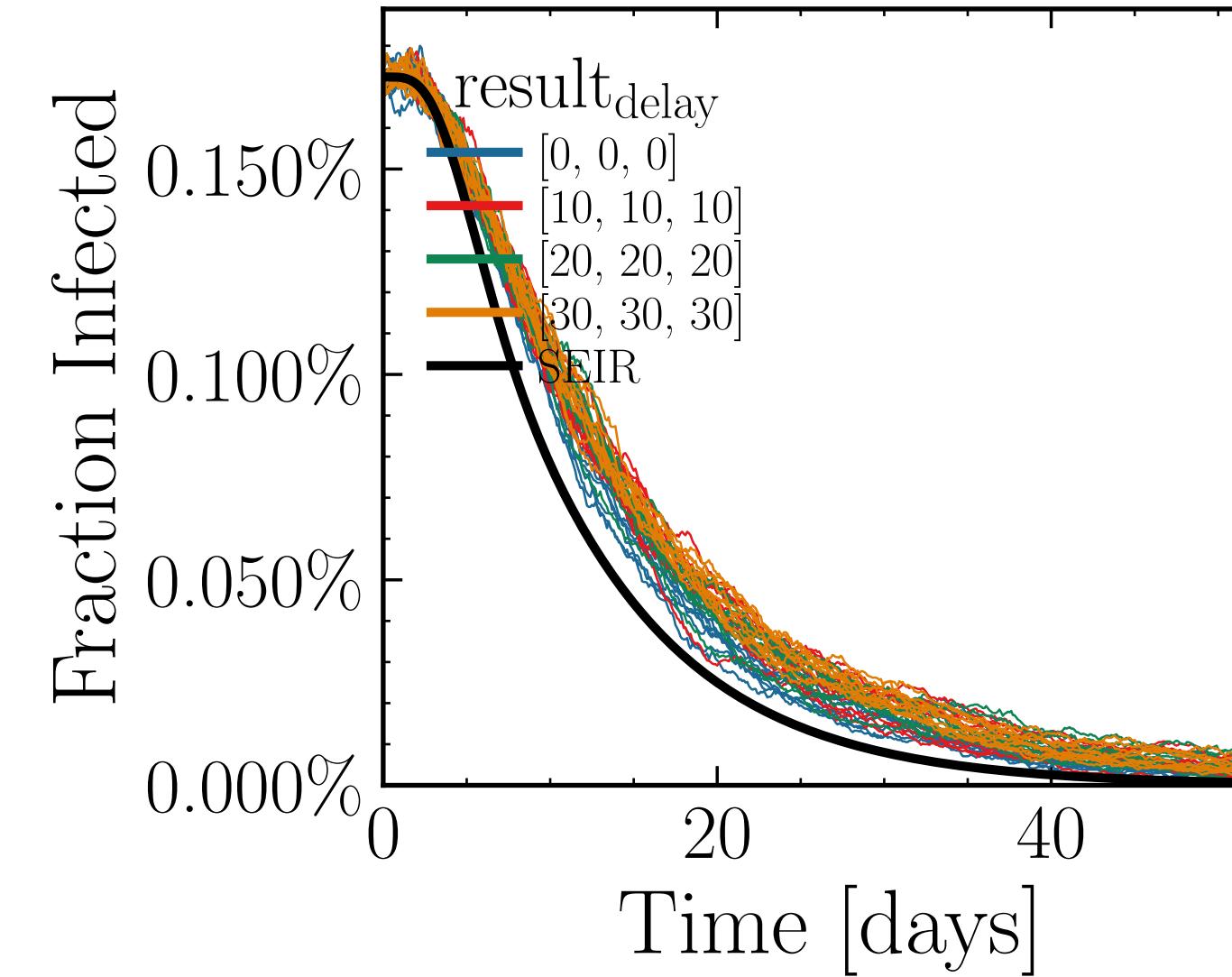
Day: 20, a=0.0036 ± 0.0008
Day: 25, a=0.0008 ± 0.0009
Day: 30, a=0.003 ± 0.001
Day: 35, a=0.003 ± 0.002
Day: 40, a=0.000 ± 0.002

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.924$, $\sigma_\mu = 0.0$, $\beta = 0.0083$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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, test_{delay} = [0, 0, 25]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10



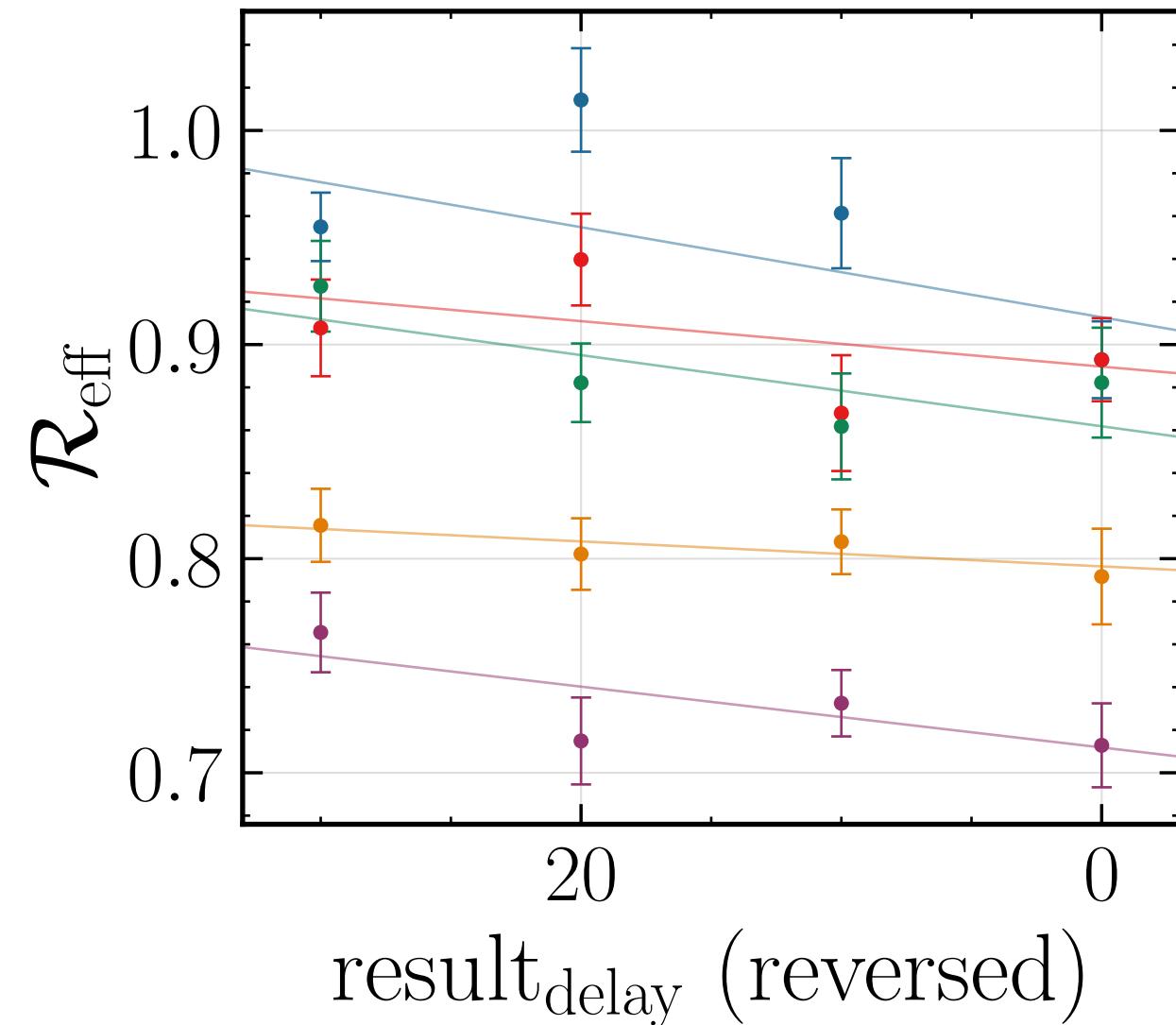
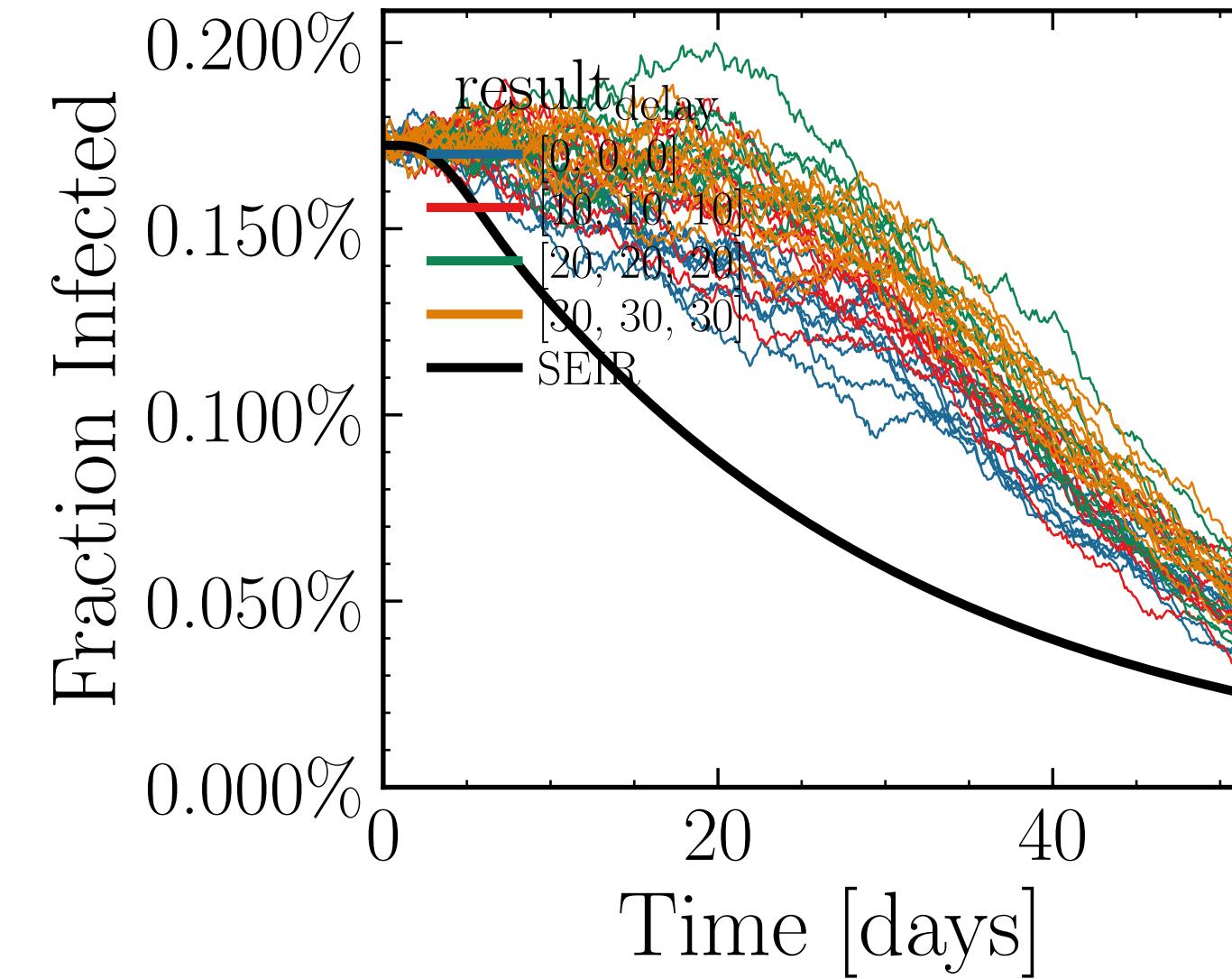
Day: 20, a=0.0018 ± 0.0008
 Day: 25, a=0.0011 ± 0.0009
 Day: 30, a=0.001 ± 0.001
 Day: 35, a=0.000 ± 0.001
 Day: 40, a=-0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.1875$, $\sigma_\mu = 0.0$, $\beta = 0.0093$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



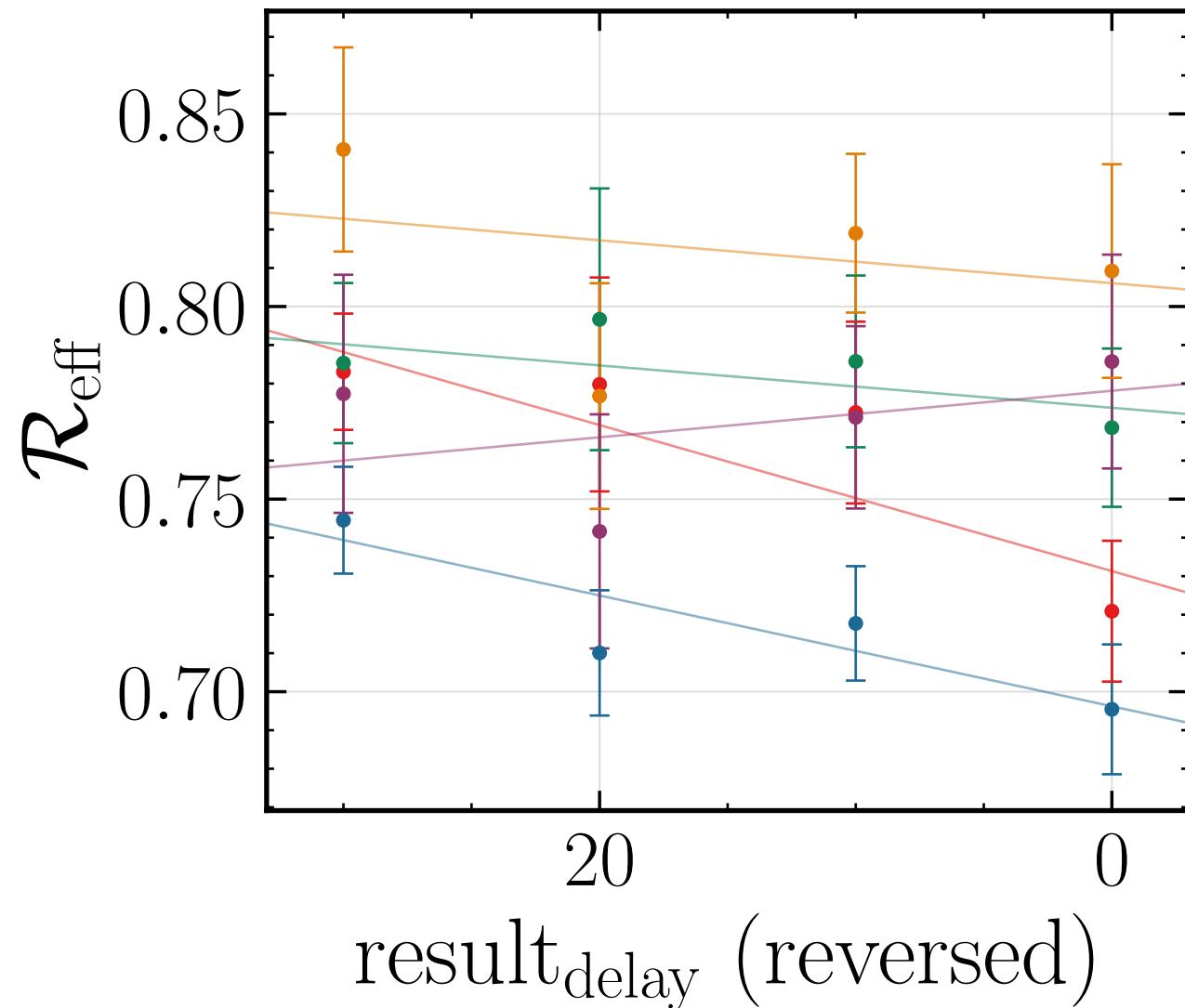
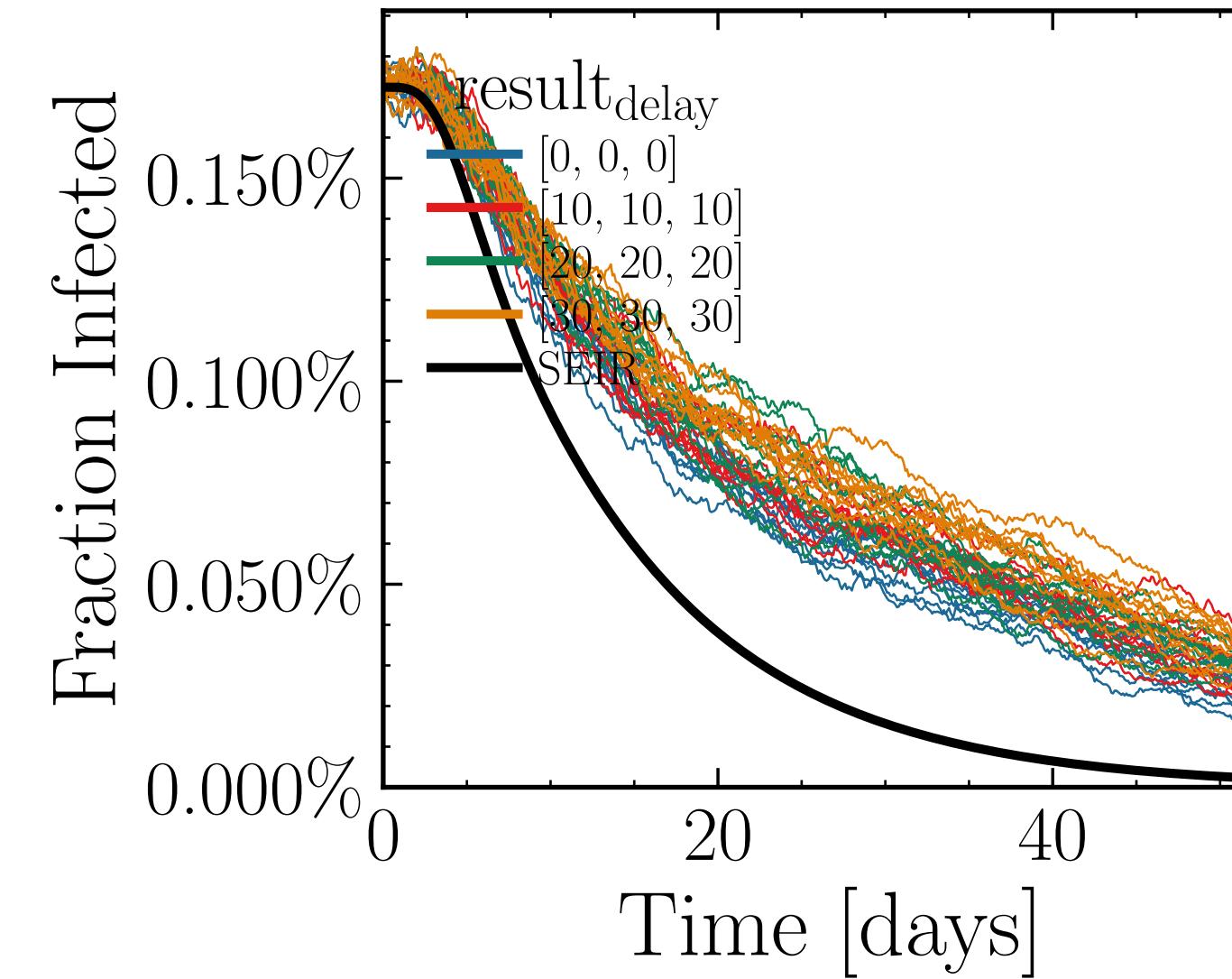
Day: 20, $a=0.0013 \pm 0.0006$
 Day: 25, $a=0.0016 \pm 0.0007$
 Day: 30, $a=0.001 \pm 0.001$
 Day: 35, $a=-0.001 \pm 0.001$
 Day: 40, $a=0.002 \pm 0.001$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 17.3012$, $\sigma_\mu = 0.0$, $\beta = 0.0112$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



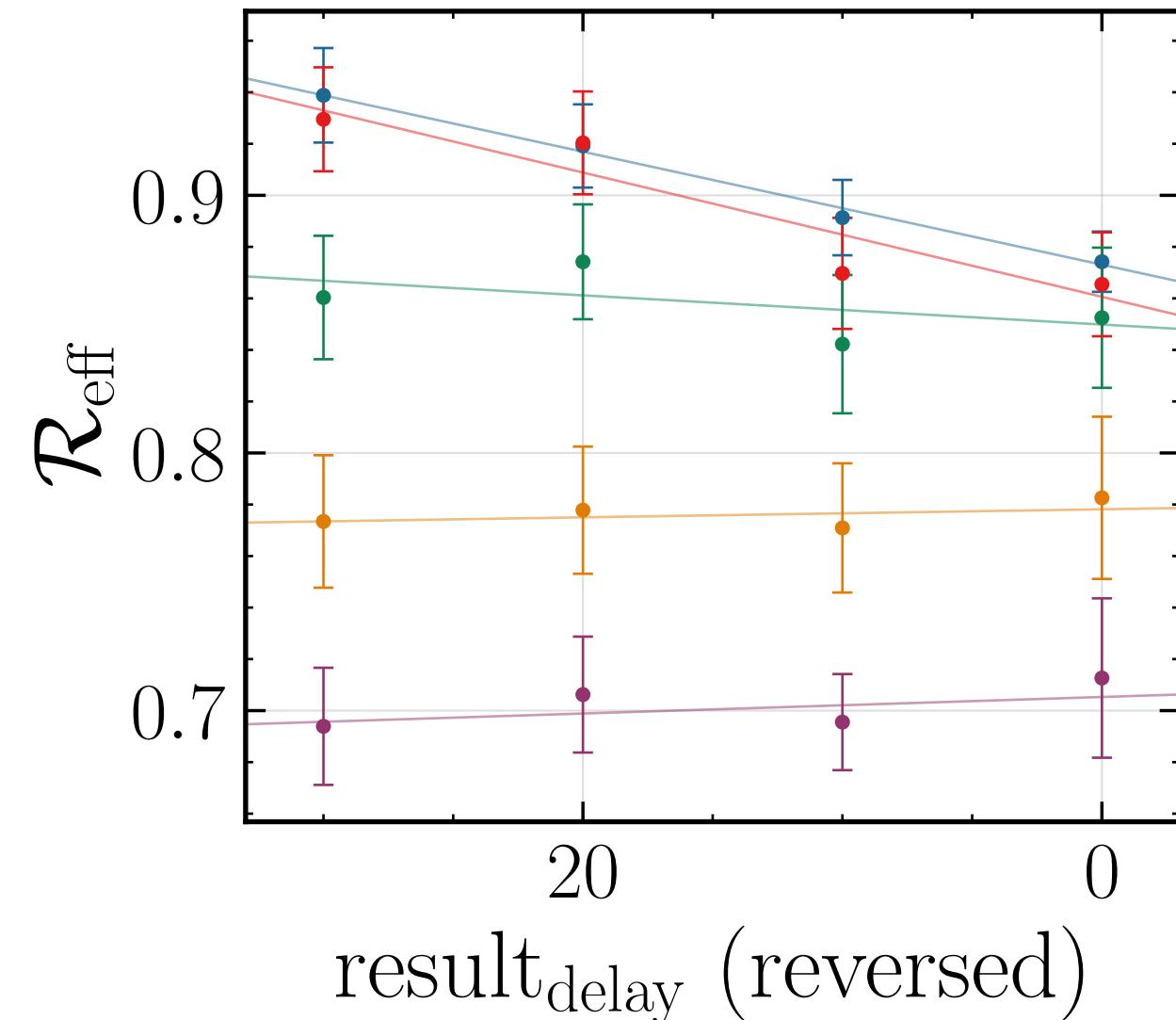
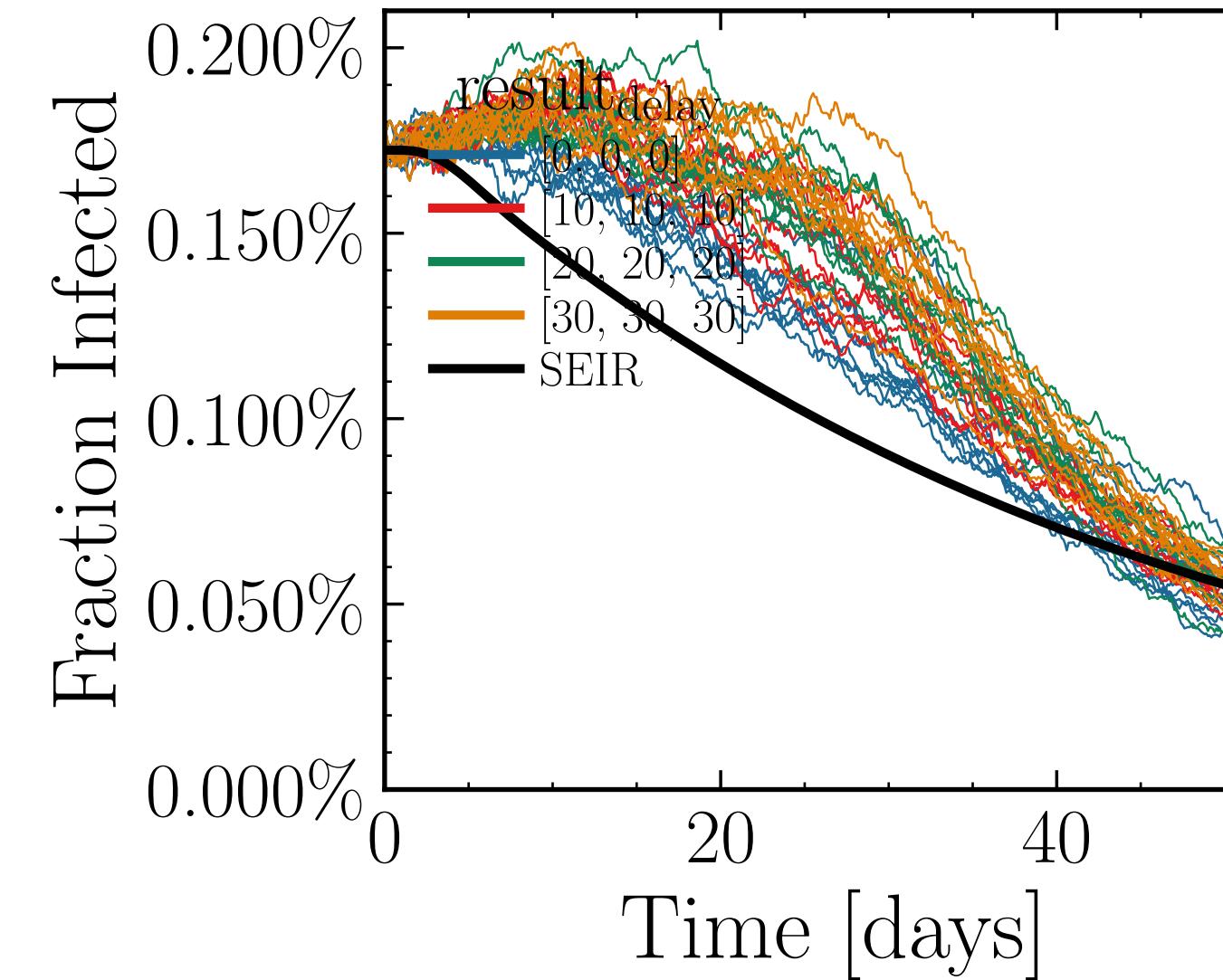
Day: 20, $a=0.0021 \pm 0.0008$
 Day: 25, $a=0.0011 \pm 0.0009$
 Day: 30, $a=0.002 \pm 0.001$
 Day: 35, $a=0.0006 \pm 0.0008$
 Day: 40, $a=0.0014 \pm 0.0008$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 12.5436$, $\sigma_\mu = 0.0$, $\beta = 0.0109$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



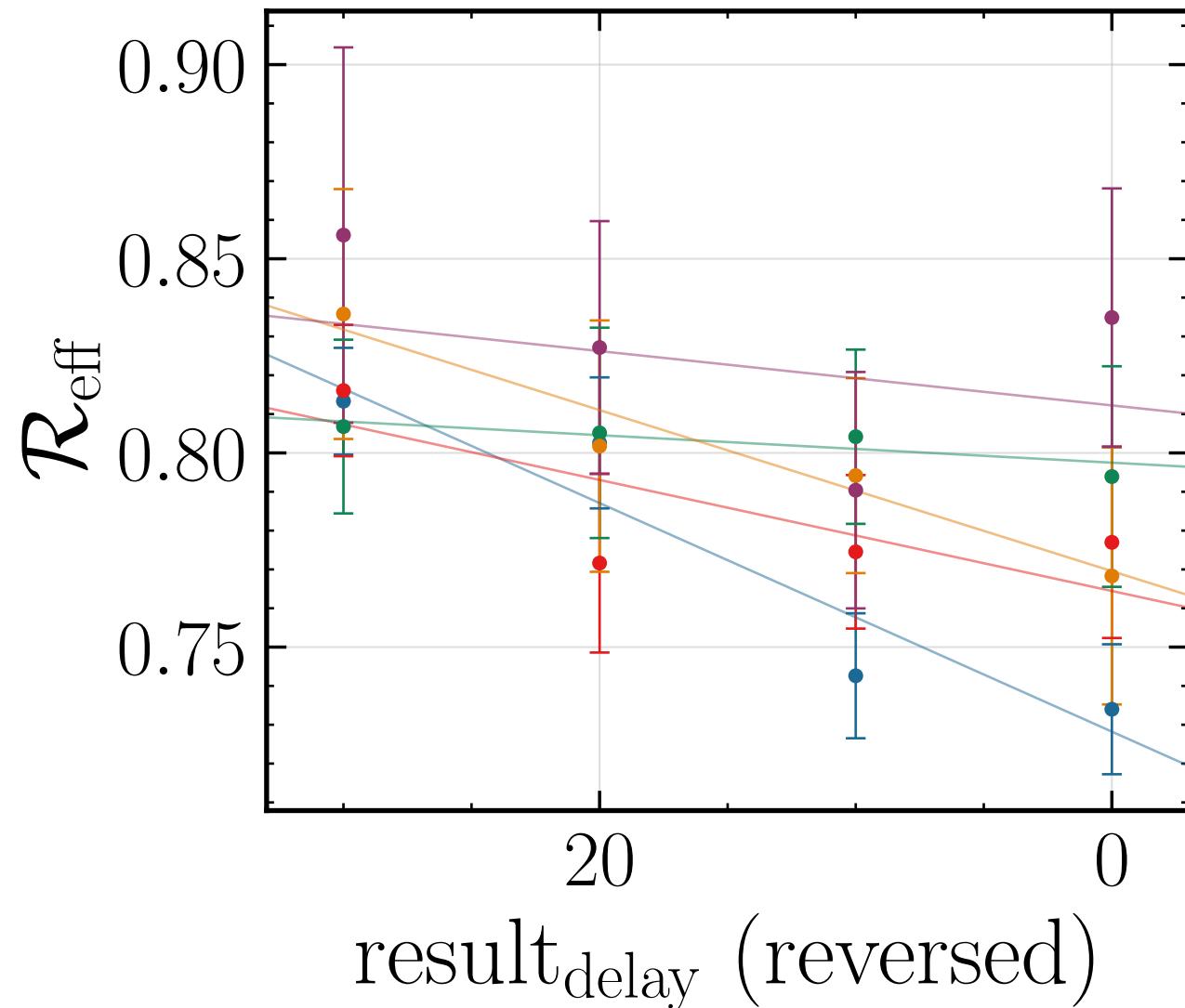
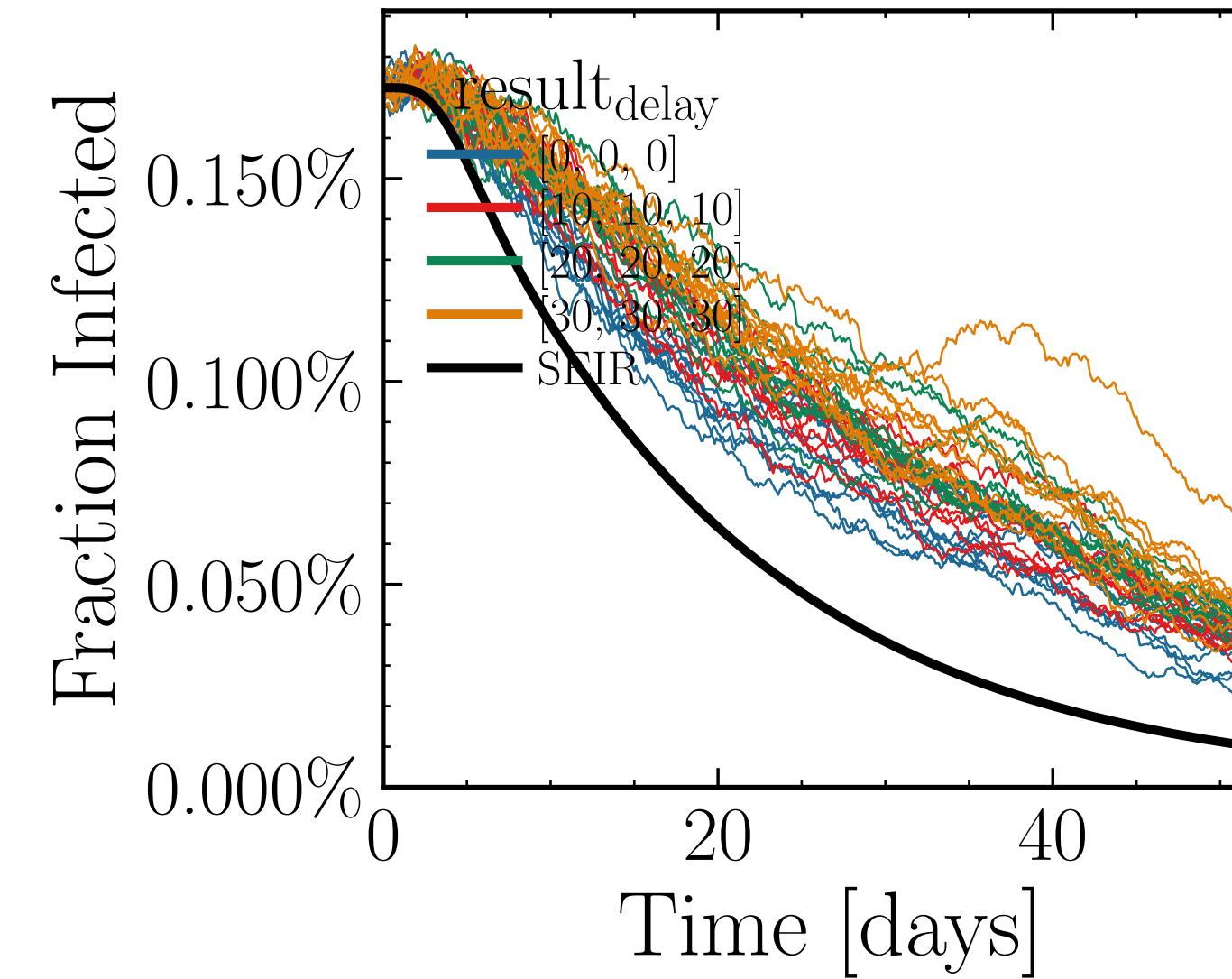
Day: 20, a=0.0014 ± 0.0007
 Day: 25, a=0.0019 ± 0.0008
 Day: 30, a=0.0005 ± 0.0009
 Day: 35, a=0.001 ± 0.001
 Day: 40, a=-0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 19.764$, $\sigma_\mu = 0.0$, $\beta = 0.0109$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.6471$, $N_{\text{contacts}_{\max}} = 0$
 $N_{\text{events}} = 4.49K$, event_{size_{max}} = 10, event_{size_{mean}} = 4.762, 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]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 10

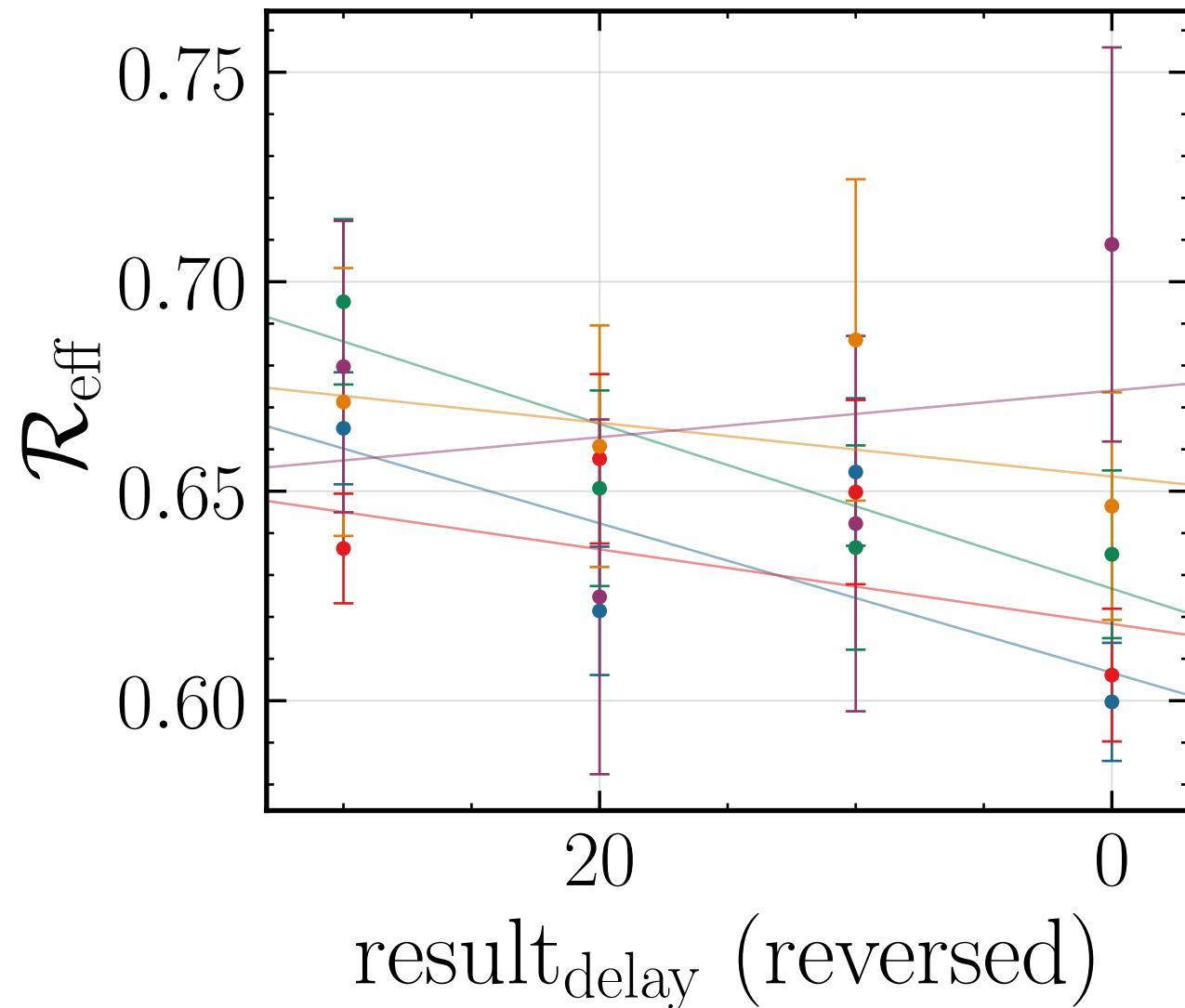
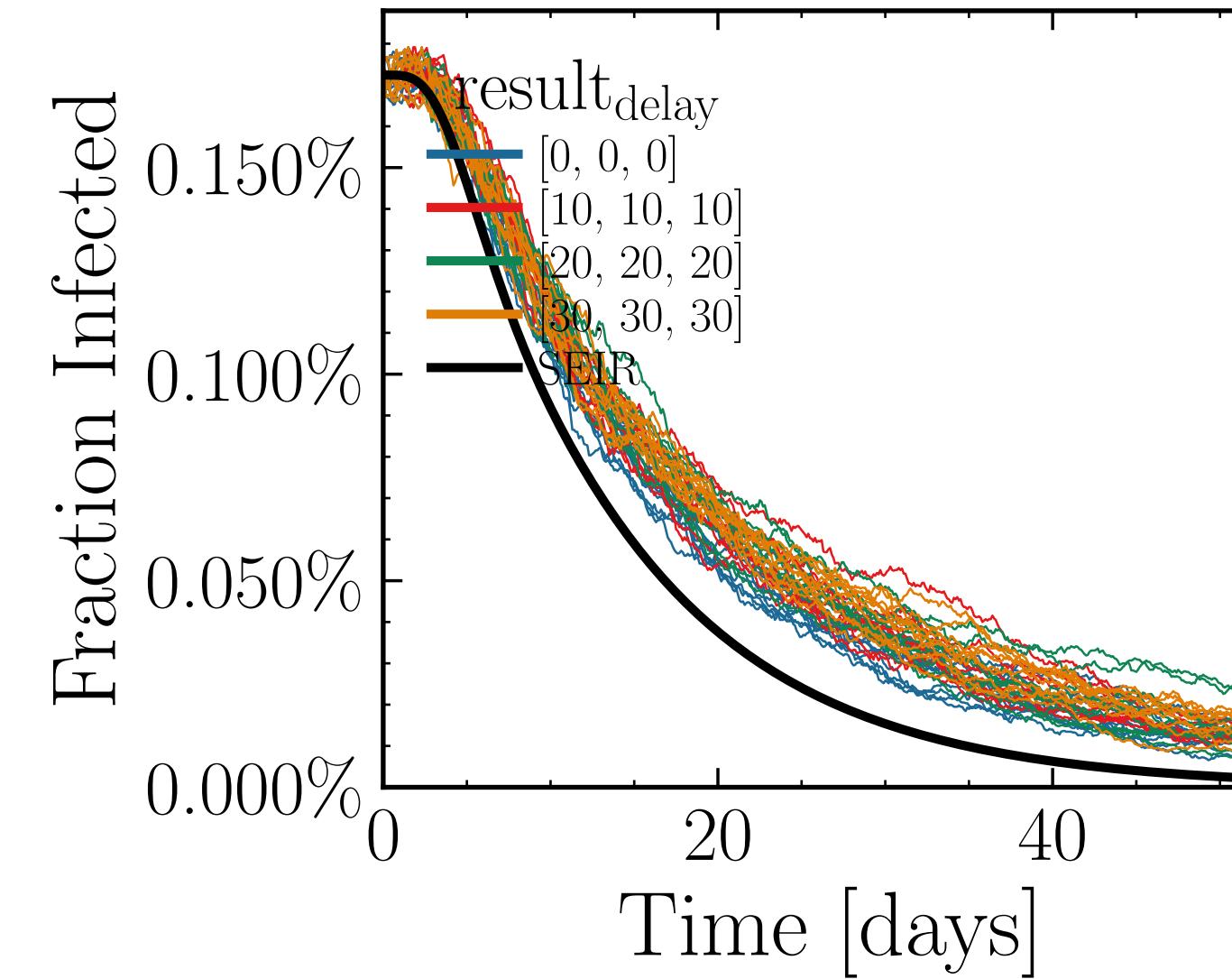


Day: 20, $a=0.0022 \pm 0.0007$
 Day: 25, $a=0.0024 \pm 0.0009$
 Day: 30, $a=0.001 \pm 0.001$
 Day: 35, $a=0.000 \pm 0.001$
 Day: 40, $a=0.000 \pm 0.001$

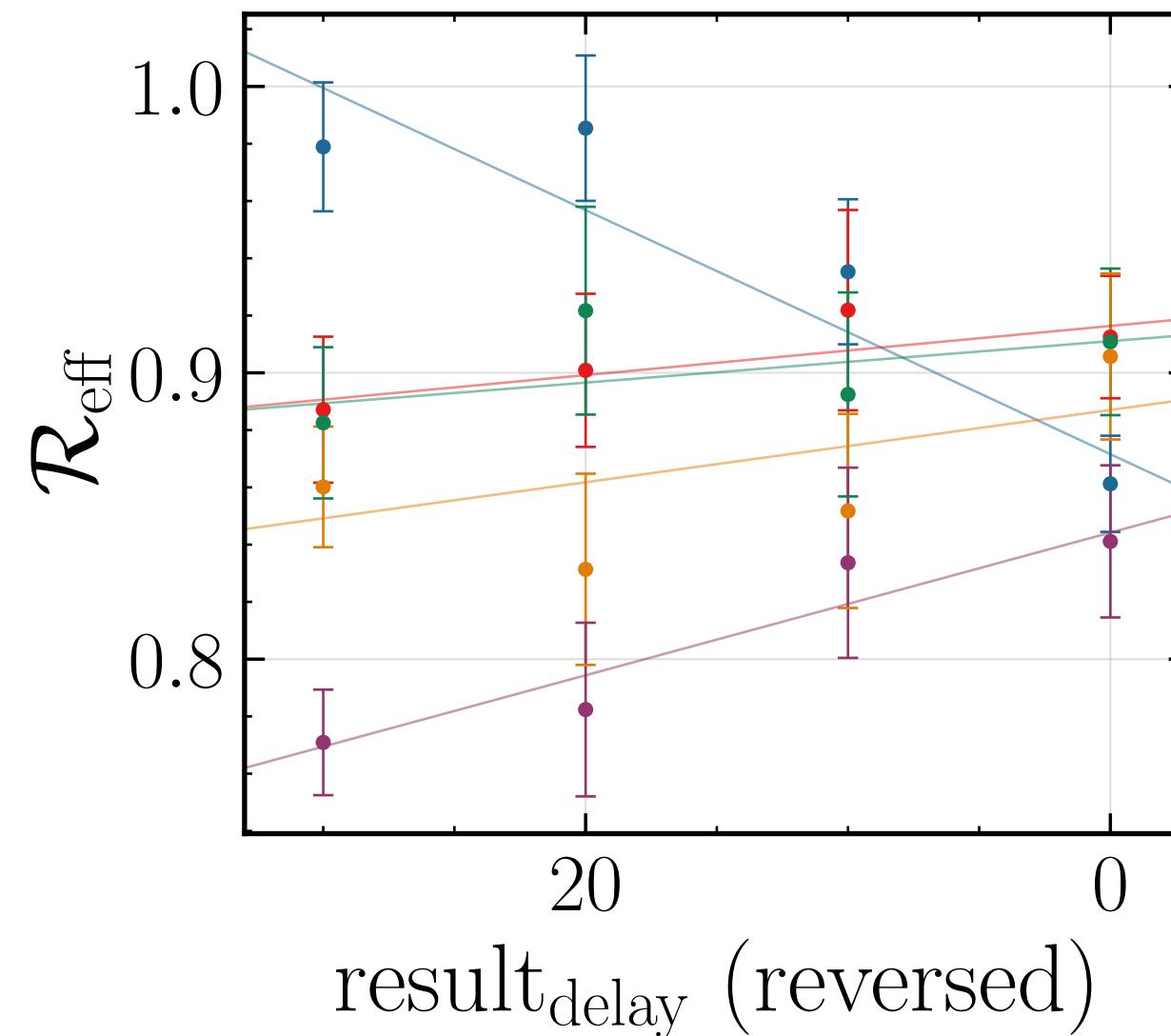
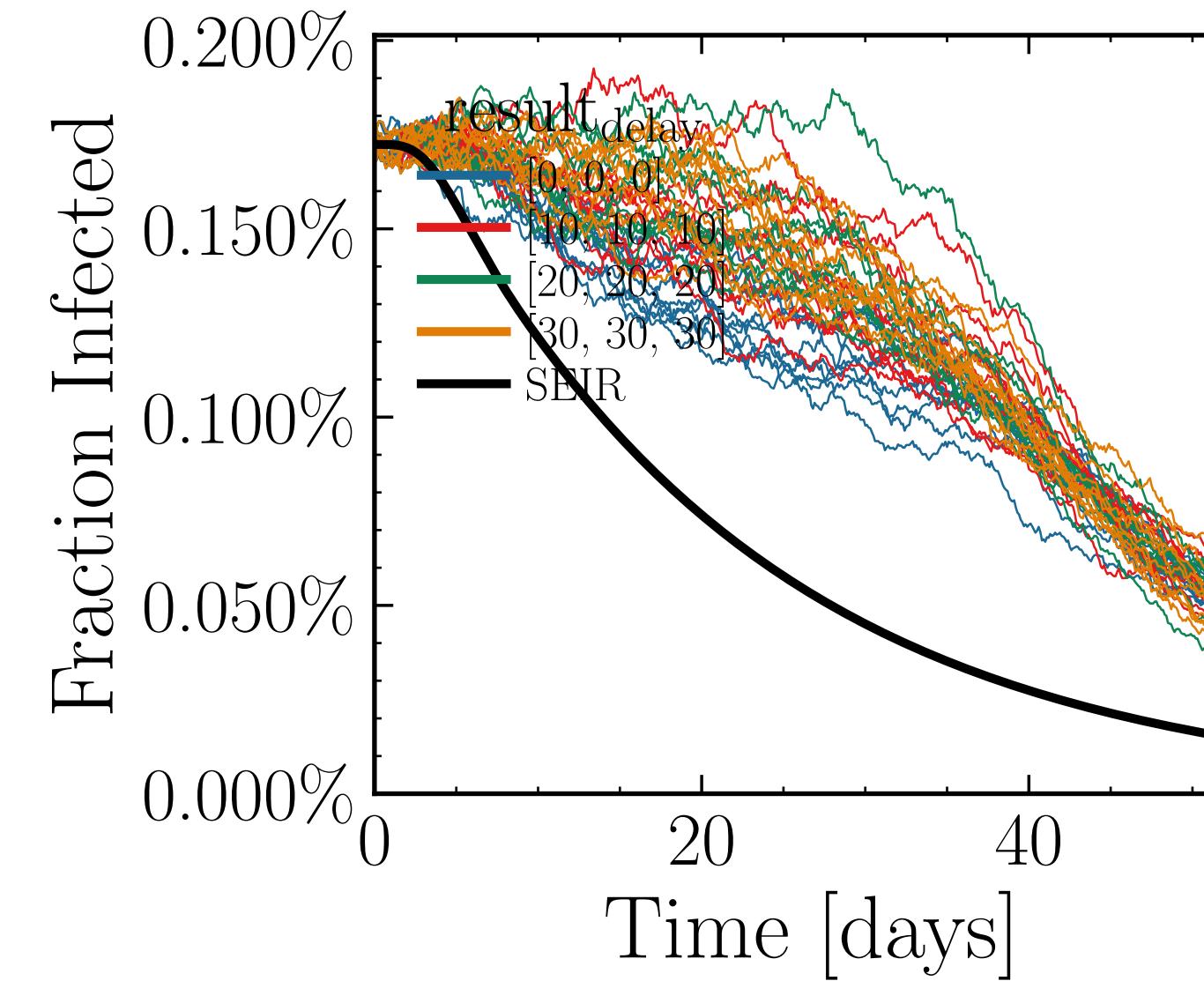
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 14.695$, $\sigma_\mu = 0.0$, $\beta = 0.0116$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5824$, $N_{\text{contacts}_{\max}}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

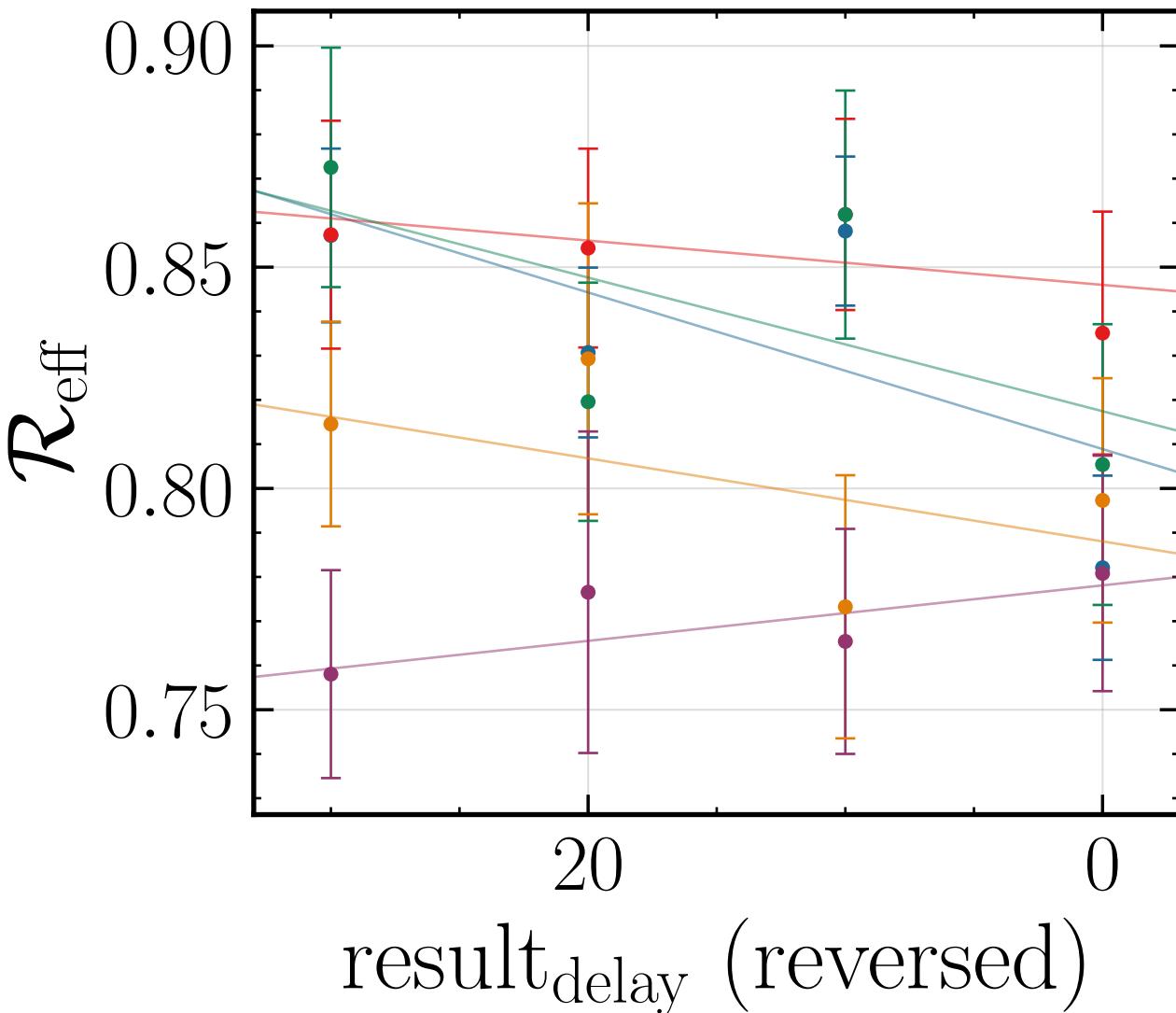
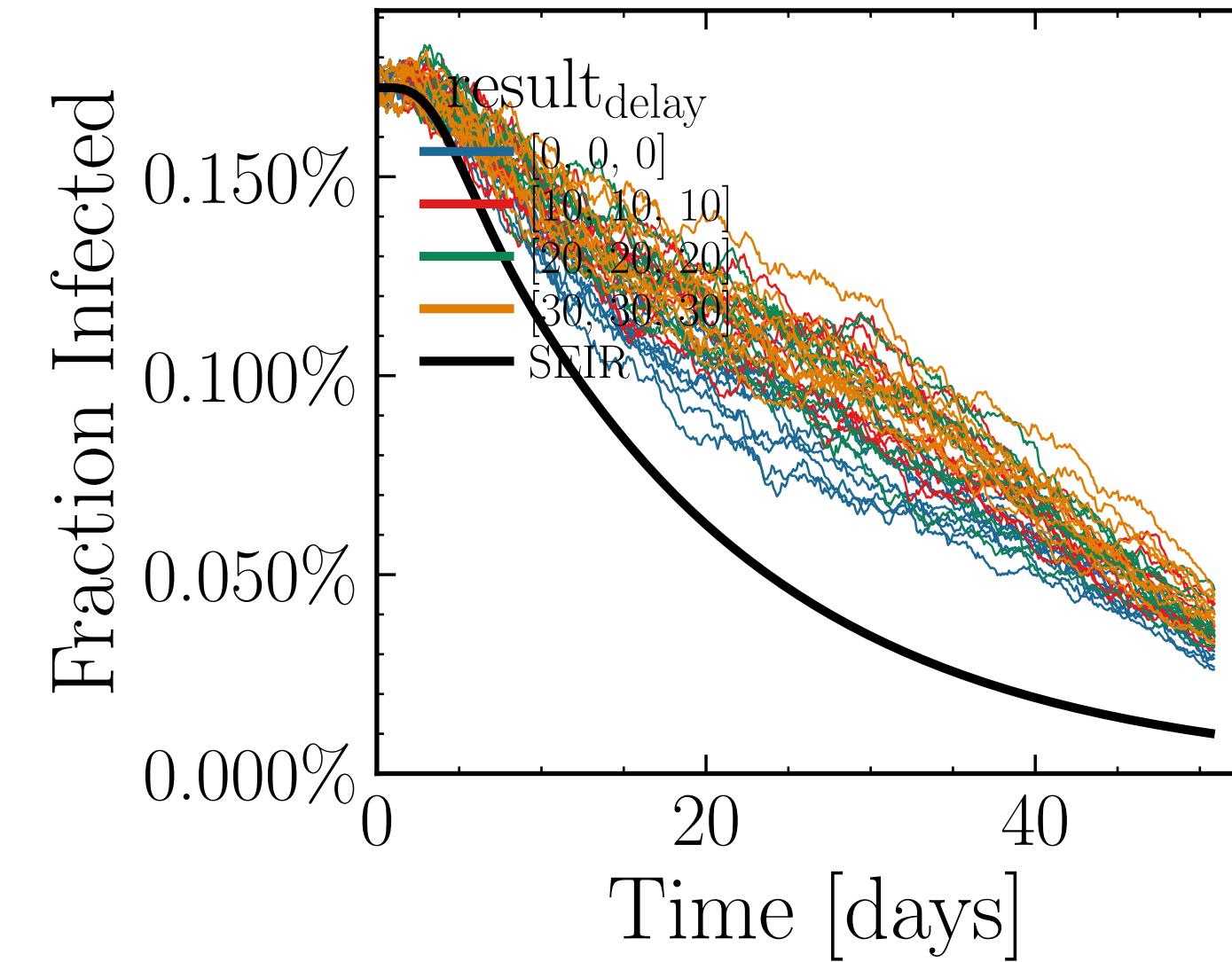


$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 15.1971$, $\sigma_\mu = 0.0$, $\beta = 0.0119$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, `rand.inf.` = True, `w.rand.inf.` = True, $N_{\text{connect}} = 0$, $f_{\text{work/other}} = 0.4$,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



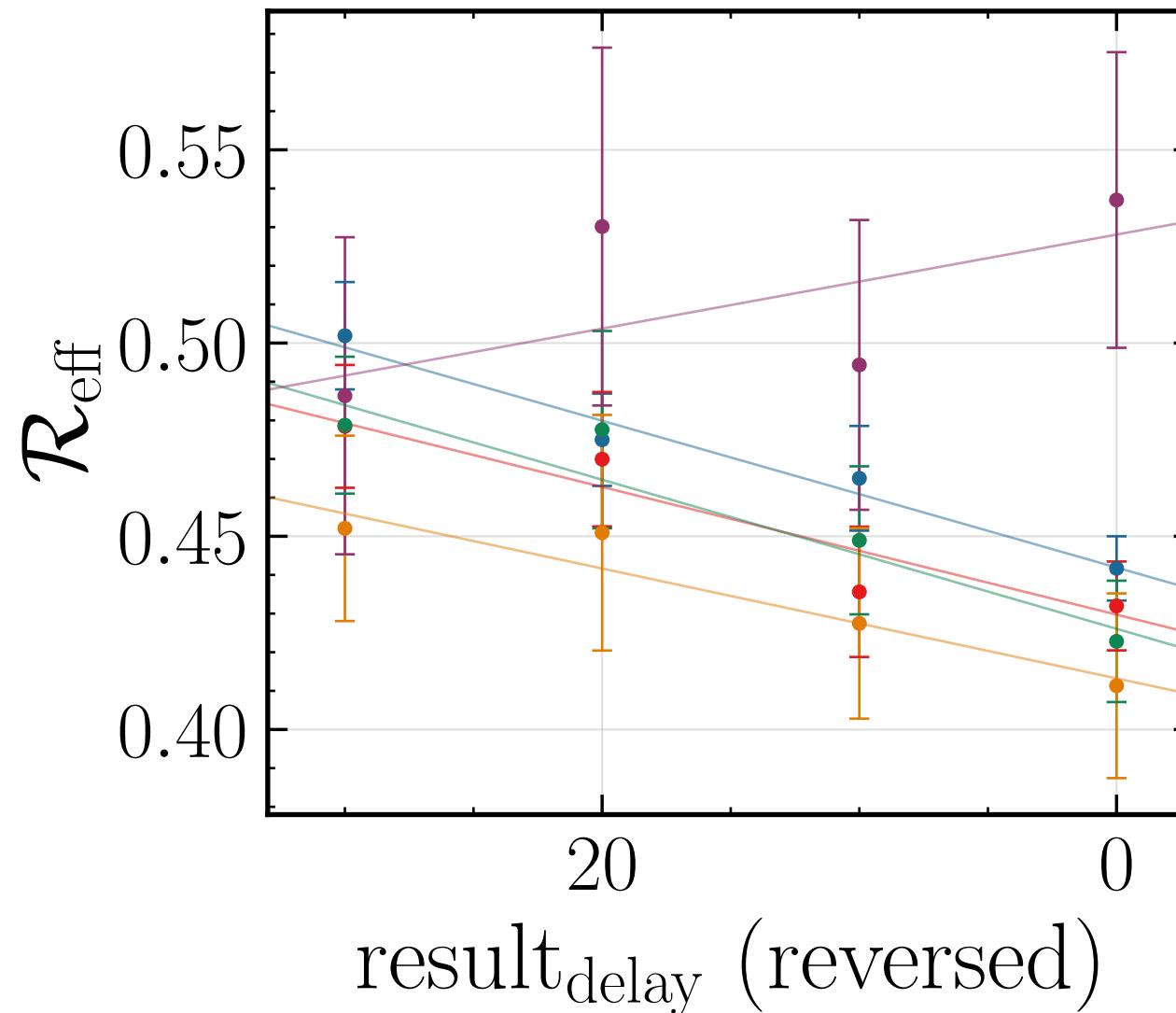
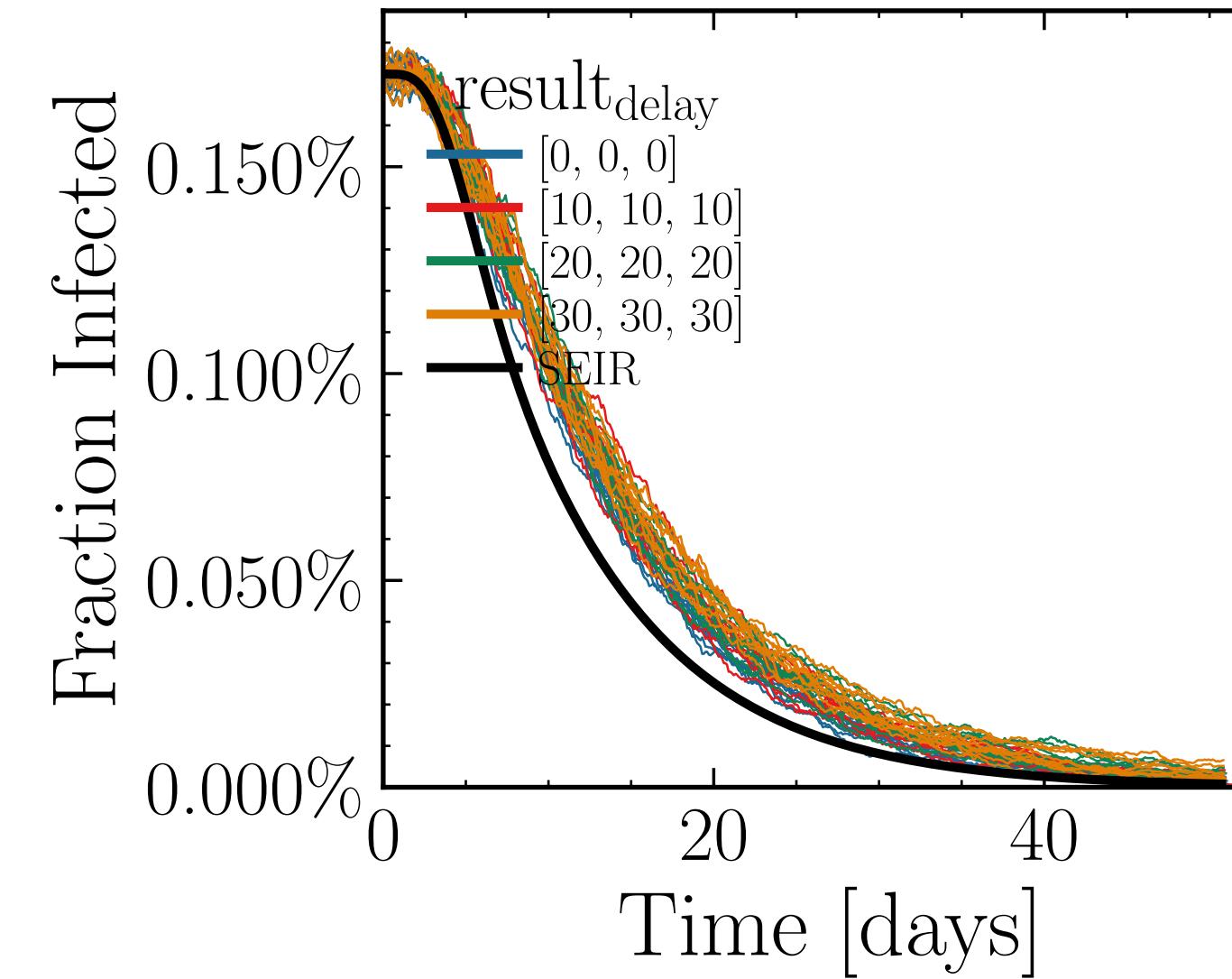
Day: 20, $a=0.0043 \pm 0.0009$
 Day: 25, $a=-0.001 \pm 0.001$
 Day: 30, $a=-0.001 \pm 0.001$
 Day: 35, $a=-0.001 \pm 0.001$
 Day: 40, $a=-0.002 \pm 0.001$

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



Day: 20, a=0.0018 ± 0.0009
Day: 25, a=0.001 ± 0.001
Day: 30, a=0.002 ± 0.001
Day: 35, a=0.001 ± 0.001
Day: 40, a=-0.001 ± 0.001

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 11.8564$, $\sigma_\mu = 0.0$, $\beta = 0.0096$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, 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]
chance_fnd.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days_look.back = 7, tracking_delay = 10



Day: 20, $a=0.0019 \pm 0.0005$
 Day: 25, $a=0.0017 \pm 0.0006$
 Day: 30, $a=0.0019 \pm 0.0008$
 Day: 35, $a=0.001 \pm 0.001$
 Day: 40, $a=-0.001 \pm 0.002$