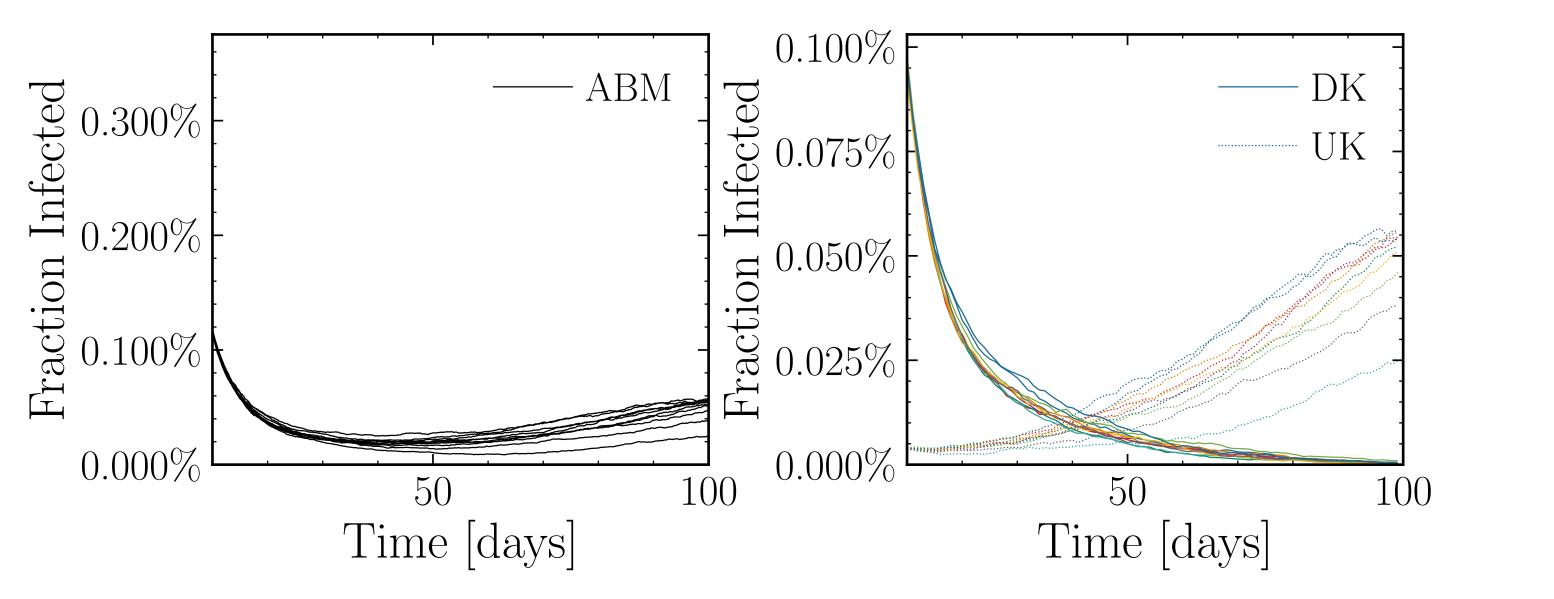
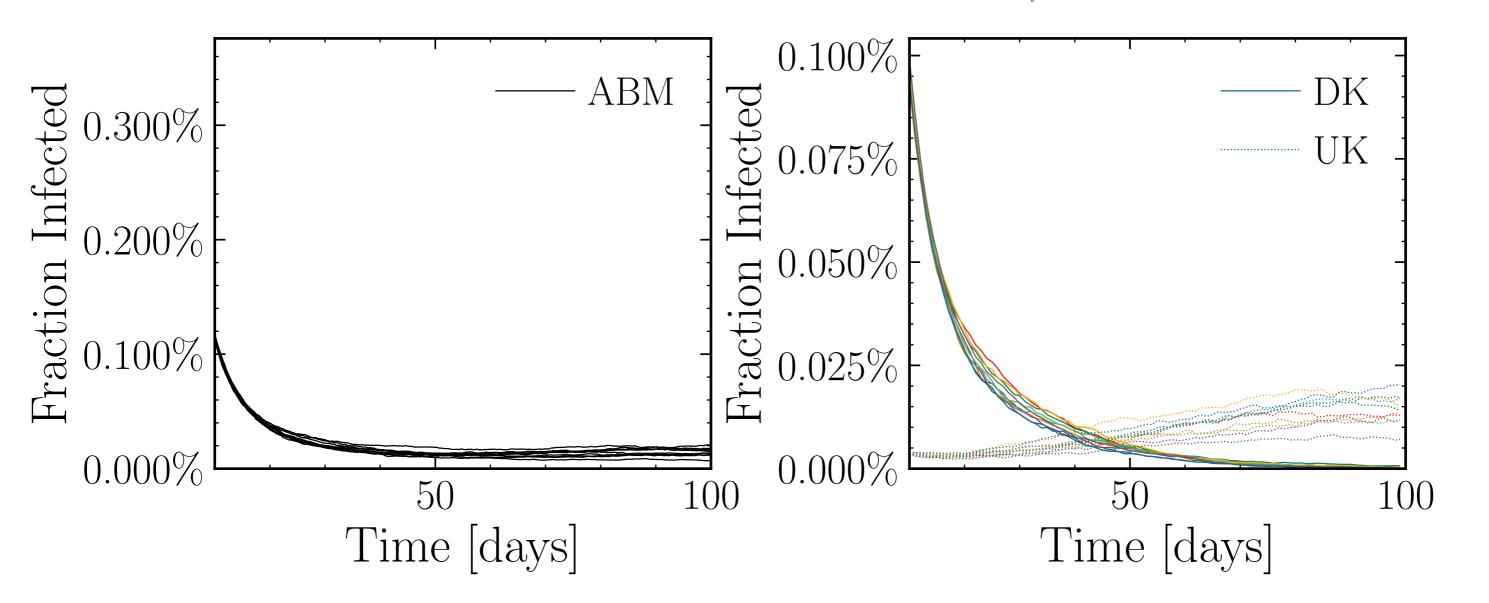
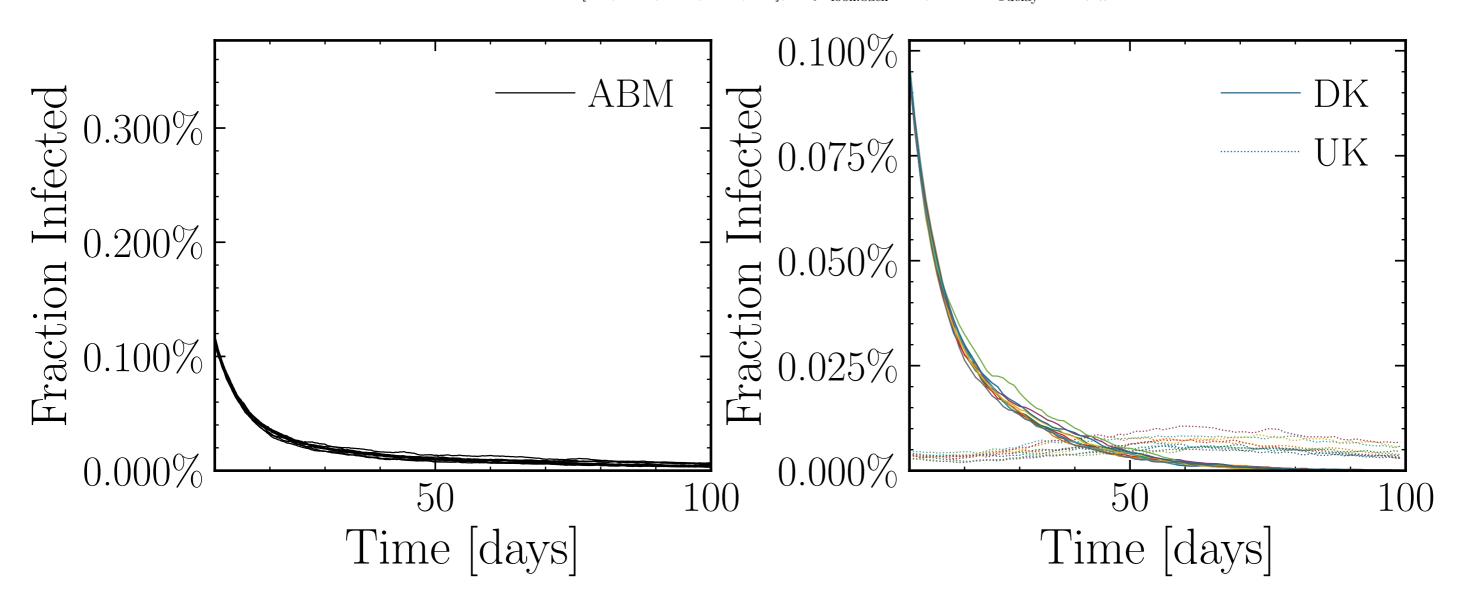
$N_{\rm tot} = 5.8M, \; \rho = 0.1, \; \epsilon_{\rho} = 0.04, \; \mu = 8.0, \; \sigma_{\mu} = 0.0, \; \beta = 0.005, \; \sigma_{\beta} = 0.0, \; N_{\rm init} = 40K$ $\lambda_E = 1.0, \; \lambda_I = 1.0, \; {\rm rand.inf.} = {\rm True}, \; {\rm w.rand.inf.} = {\rm True}, \; {\rm w.rand.inf.} = {\rm True}, \; {\rm w.rand.inf.} = 0.95, \; N_{\rm contacts_{\rm max}} = 0, \; N_{\rm init.UK.} = 1000, \; \beta_{\rm UK} = 1.7, \; {\rm outbreak_{\rm UK}} = 1.7, \;$



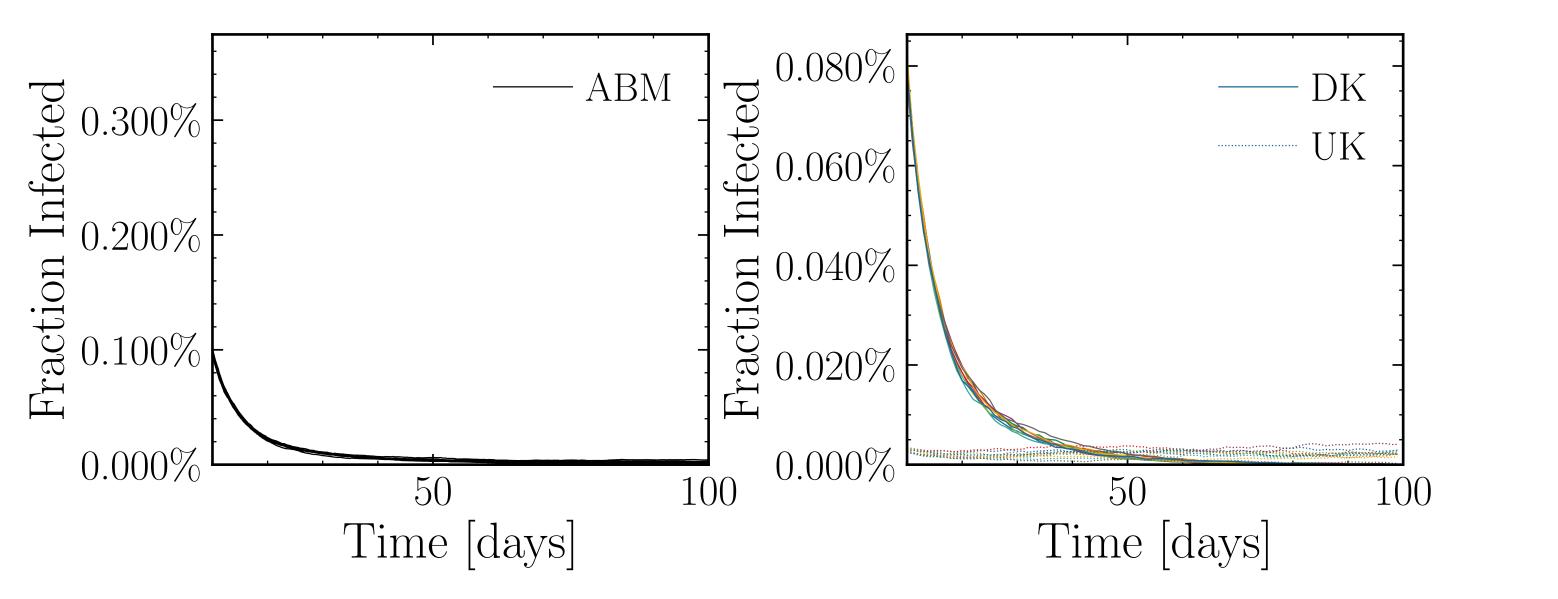
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ {\rm W.rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{UK}} = {\rm københavn}, \ N_{\rm vaccinations} = 10000$ $N_{\rm events} = 0, \ {\rm event_{\rm size_{max}}} = 10, \ {\rm event_{\rm size_{mean}}} = 5.0, \ {\rm event_{\rm galing}} = 5.0, \ {\rm event_{\rm weekend_{multiplier}}} = 2.0$ ${\rm do_{\rm int.}} = {\rm False, \ int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5]$ ${\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look.back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



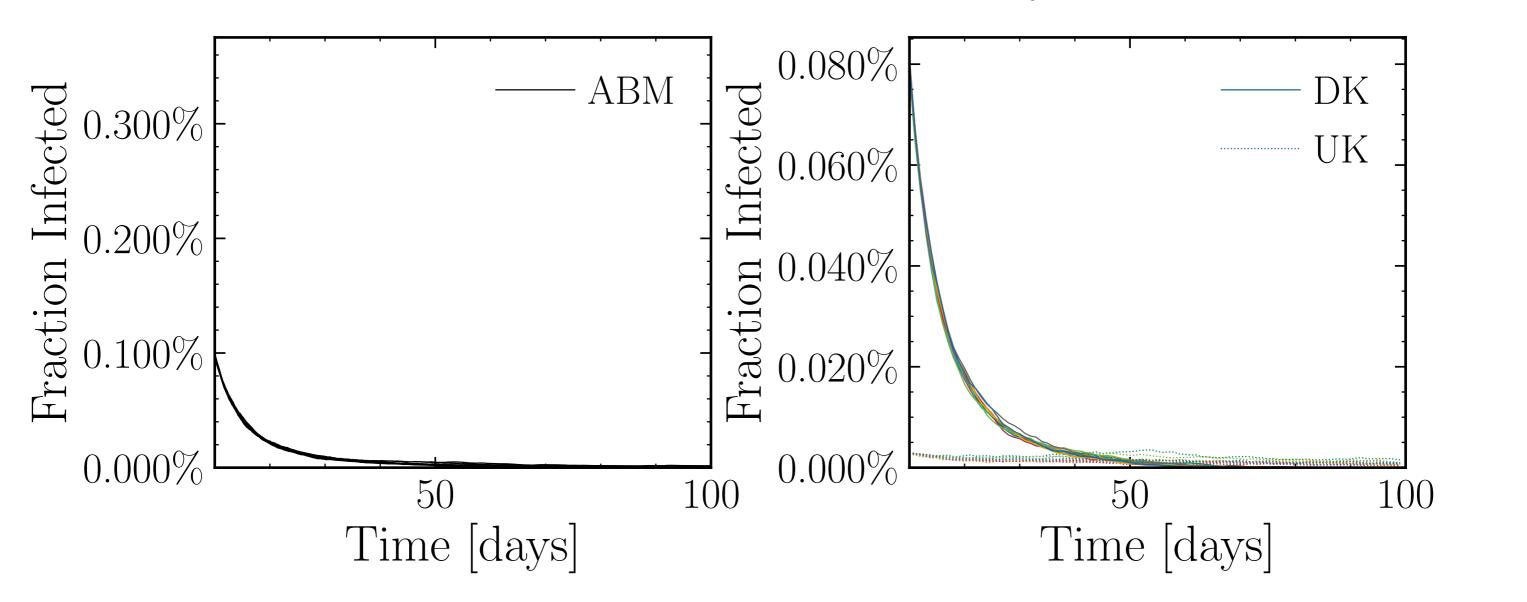
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ {\rm W.rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{UK}} = {\rm københavn}, \ N_{\rm vaccinations} = 20000$ $N_{\rm events} = 0, \ {\rm event_{size_{max}}} = 10, \ {\rm event_{size_{mean}}} = 5.0, \ {\rm event_{gas_{caling}}} = 5.0, \ {\rm event_{weekend_{multiplier}}} = 2.0$ ${\rm do_{int.}} = {\rm False, \ int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{delay}} = [0, 0, 25], \ {\rm result_{delay}} = [5, 10, 5]$ ${\rm chance_{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{look.back}} = 7, \ {\rm tracking_{delay}} = 10, \ \#10$



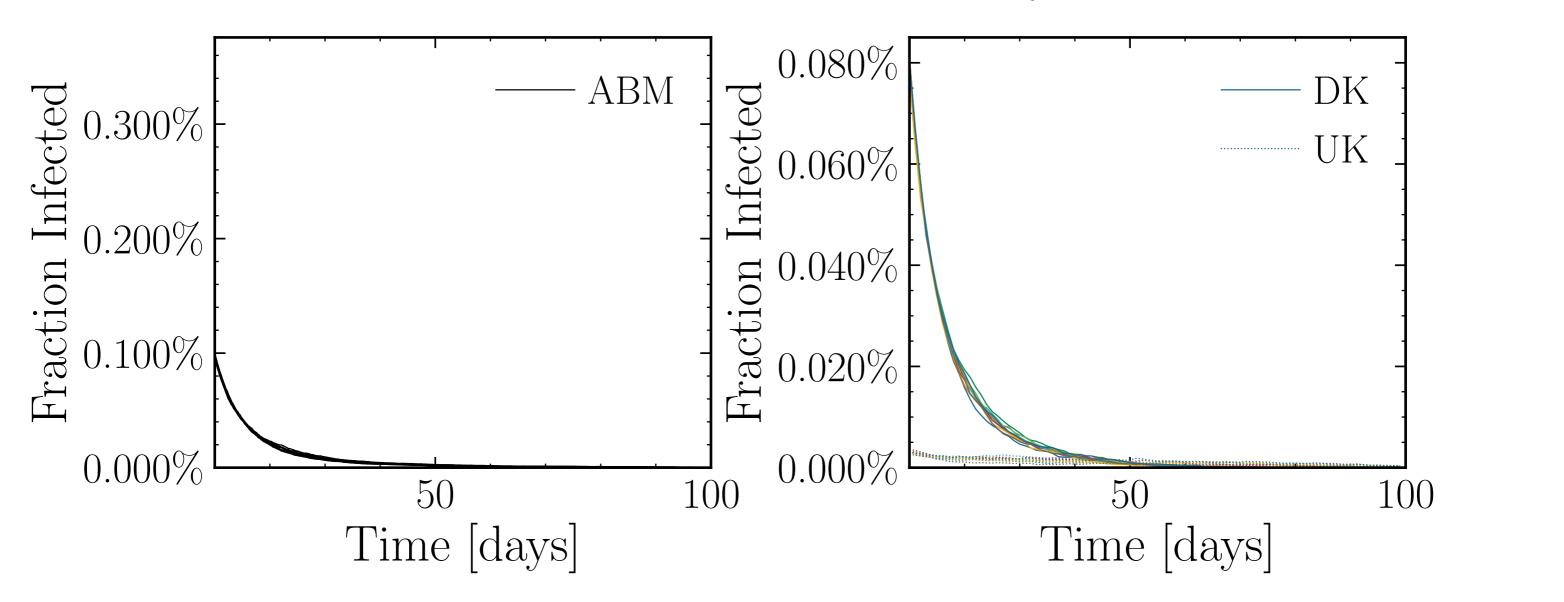
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look,back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



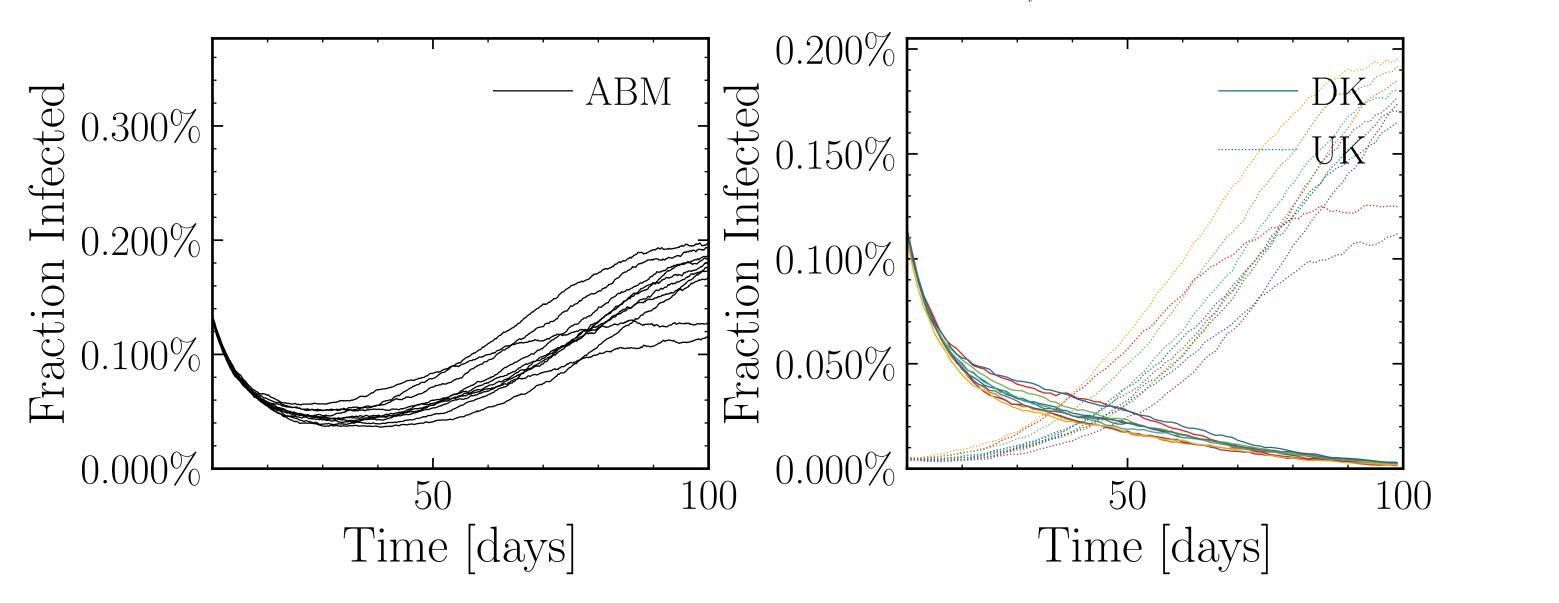
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True, \ W.rand.inf.} = {\rm True, \ N_{\rm retries}^{\rm connect}} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{\rm max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{\rm UK}} = {\rm københavn, \ N_{\rm vaccinations}} = 10000 \ N_{\rm events} = 0, \ {\rm event_{\rm size_{\rm max}}} = 10, \ {\rm event_{\rm size_{\rm mean}}} = 5.0, \ {\rm event_{\rm galing}} = 5.0, \ {\rm event_{\rm weekend_{\rm multiplier}}} = 2.0 \ {\rm do_{\rm int.}} = {\rm False, \ int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5] \ {\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look,back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



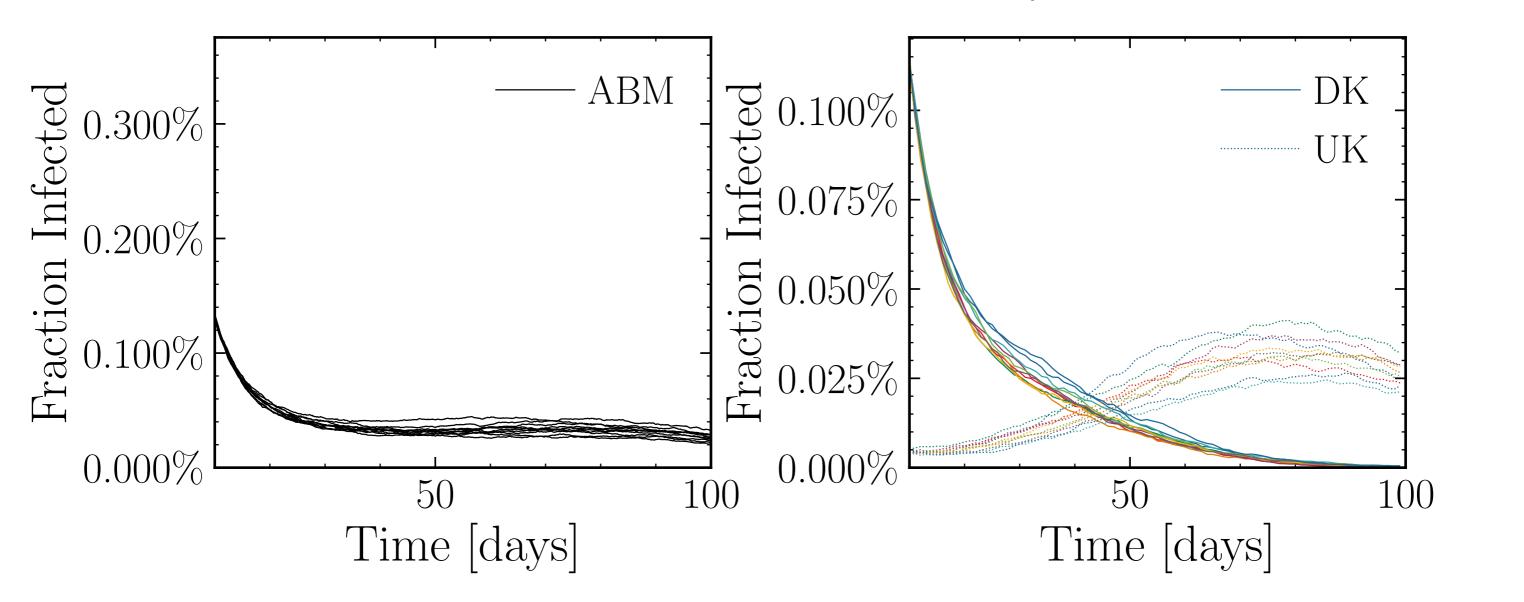
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 20000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \#10$



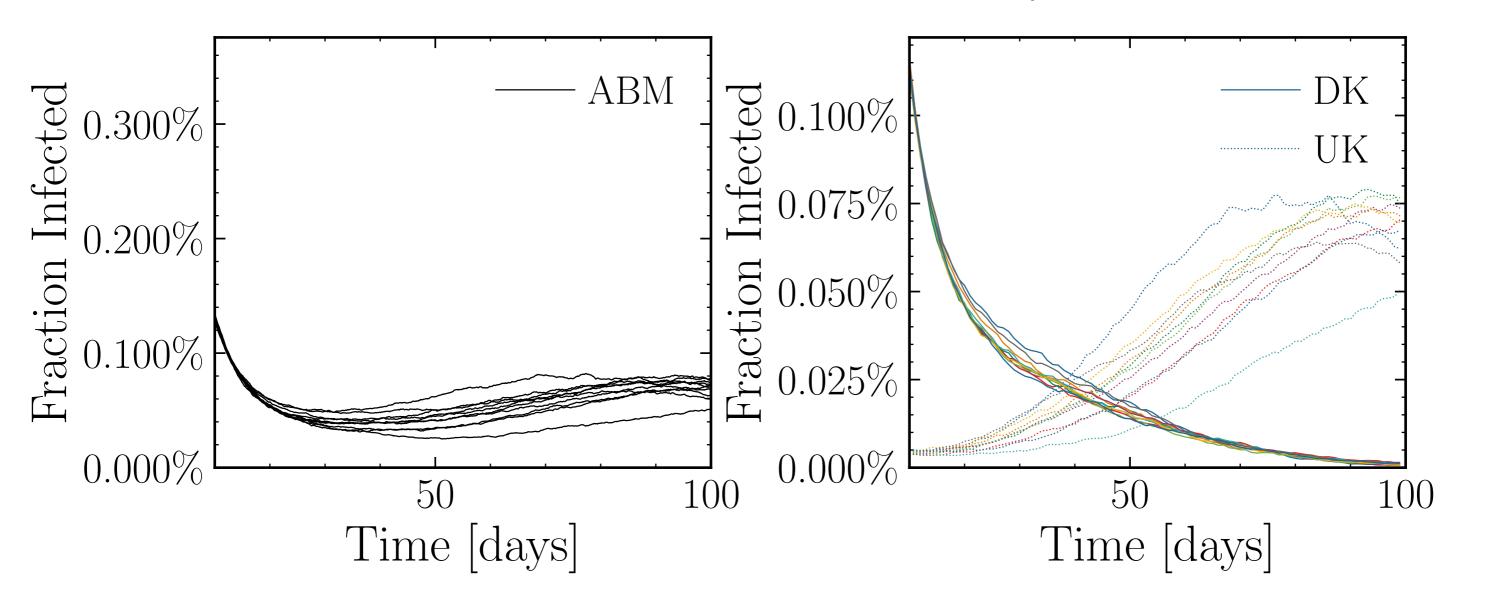
 $N_{\rm tot} = 5.8M, \; \rho = 0.1, \; \epsilon_{\rho} = 0.04, \; \mu = 8.0, \; \sigma_{\mu} = 0.0, \; \beta = 0.006, \; \sigma_{\beta} = 0.0, \; N_{\rm init} = 40K$ $\lambda_E = 1.0, \; \lambda_I = 1.0, \; {\rm rand.inf.} = {\rm True}, \; {\rm w.rand.inf.} = {\rm True}, \; {\rm w.rand.inf.} = 0, \; f_{\rm work/other} = 0.95, \; f_{\rm work/other} = 0.95, \; N_{\rm contacts_{\rm max}} = 0, \; N_{\rm init.UK.} = 1000, \; f_{\rm UK} = 1.7, \; {\rm outbreak_{\rm UK}} = 1.7, \; {\rm outbr$



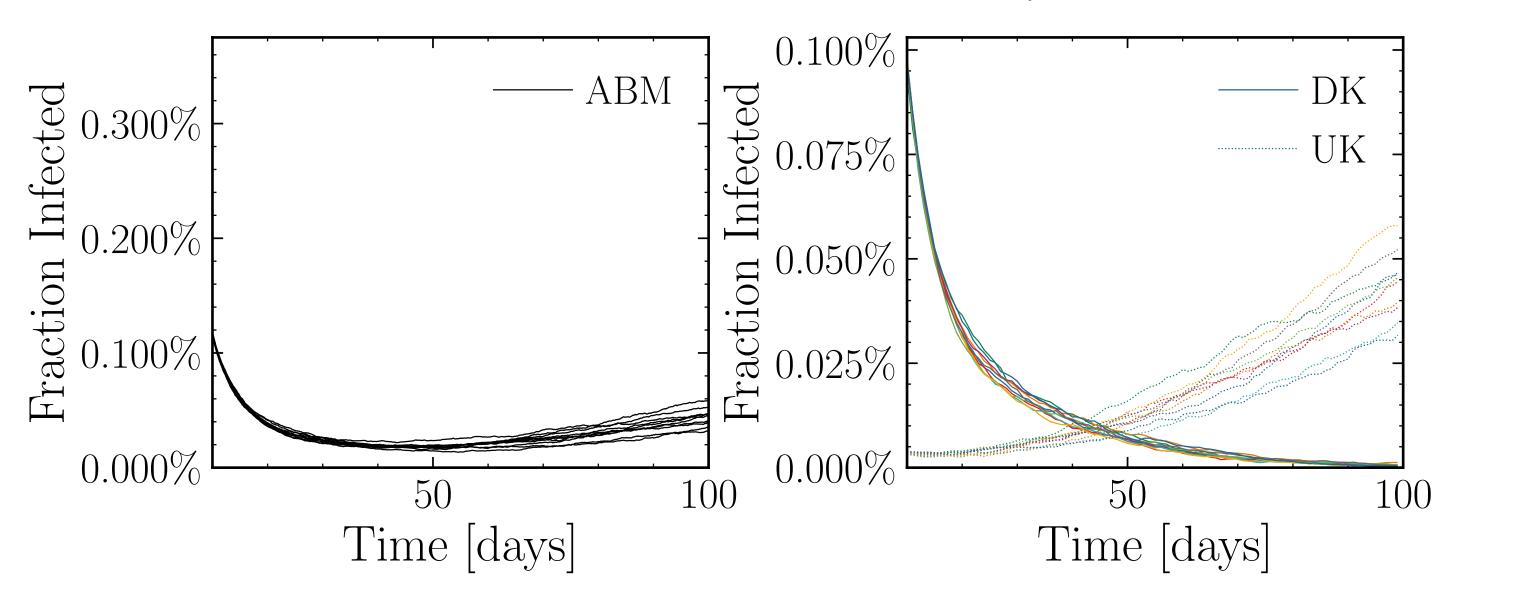
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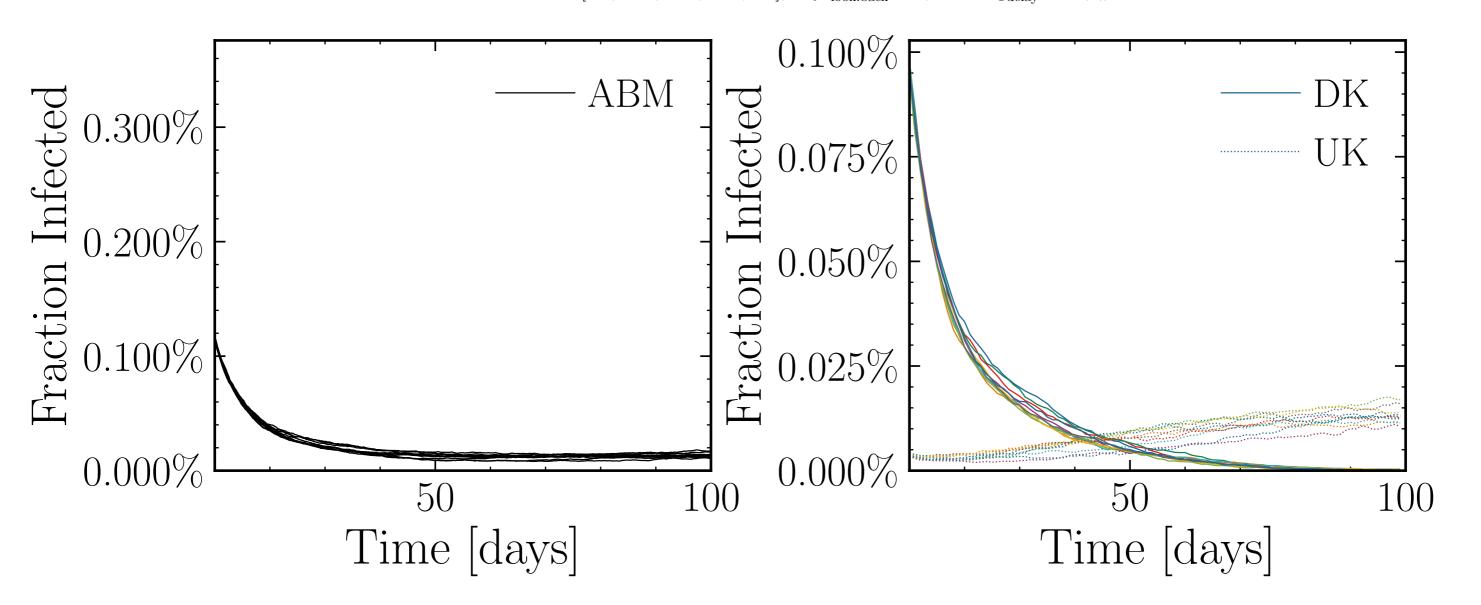
 $N_{\text{tot}} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 8.0, \, \sigma_{\mu} = 0.0, \, \beta = 0.006, \, \sigma_{\beta} = 0.0, \, N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \, \lambda_{I} = 1.0, \, \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, v.rand.inf.} = 0.95, \, N_{\text{contacts}_{\text{max}}} = 0, \, N_{\text{init.UK.}} = 1000, \, \beta_{\text{UK}} = 1.7, \, \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \, \text{event}_{\text{size}_{\text{max}}} = 10, \, \text{event}_{\text{size}_{\text{mean}}} = 5.0, \, \text{event}_{\text{gealing}} = 5.0, \, \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \, f_{\text{dailytests}} = 0.01, \, \text{test}_{\text{delay}} = [0, 0, 25], \, \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \, \text{days}_{\text{look.back}} = 7, \, \text{tracking}_{\text{delay}} = 10, \, \#10$



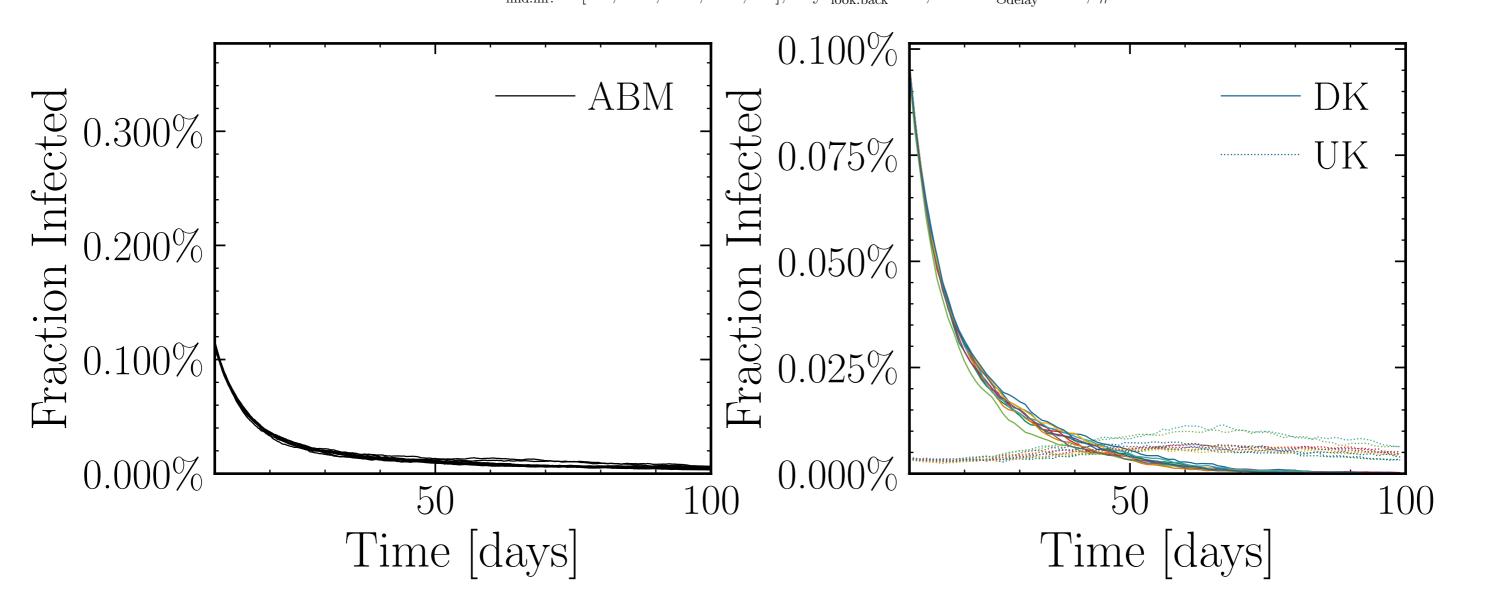
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ {\rm w.rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{\rm UK}} = {\rm københavn}, \ N_{\rm vaccinations} = 0$ $N_{\rm events} = 0, \ {\rm event_{\rm size_{mean}}} = 5.0, \ {\rm event_{\beta_{\rm scaling}}} = 5.0, \ {\rm event_{\rm weekend_{\rm multiplier}}} = 2.0$ ${\rm do_{\rm int.}} = {\rm False, \ int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5]$ ${\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look.back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



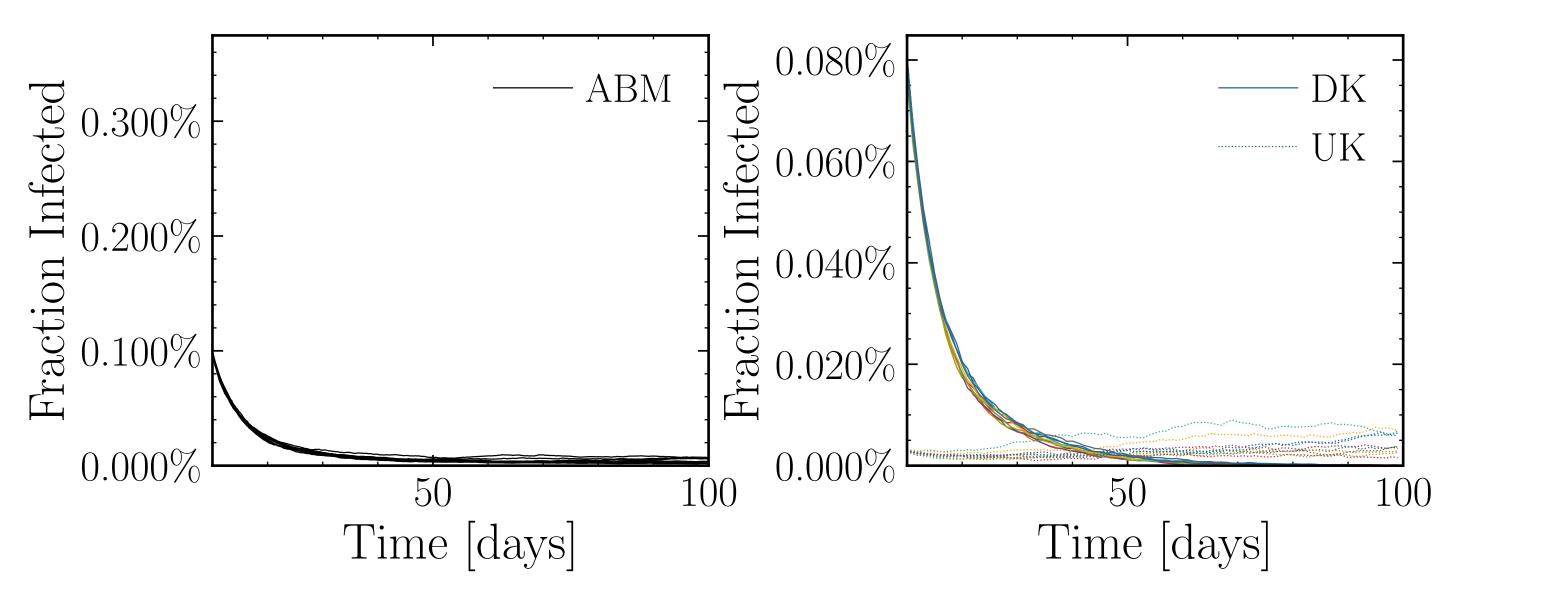
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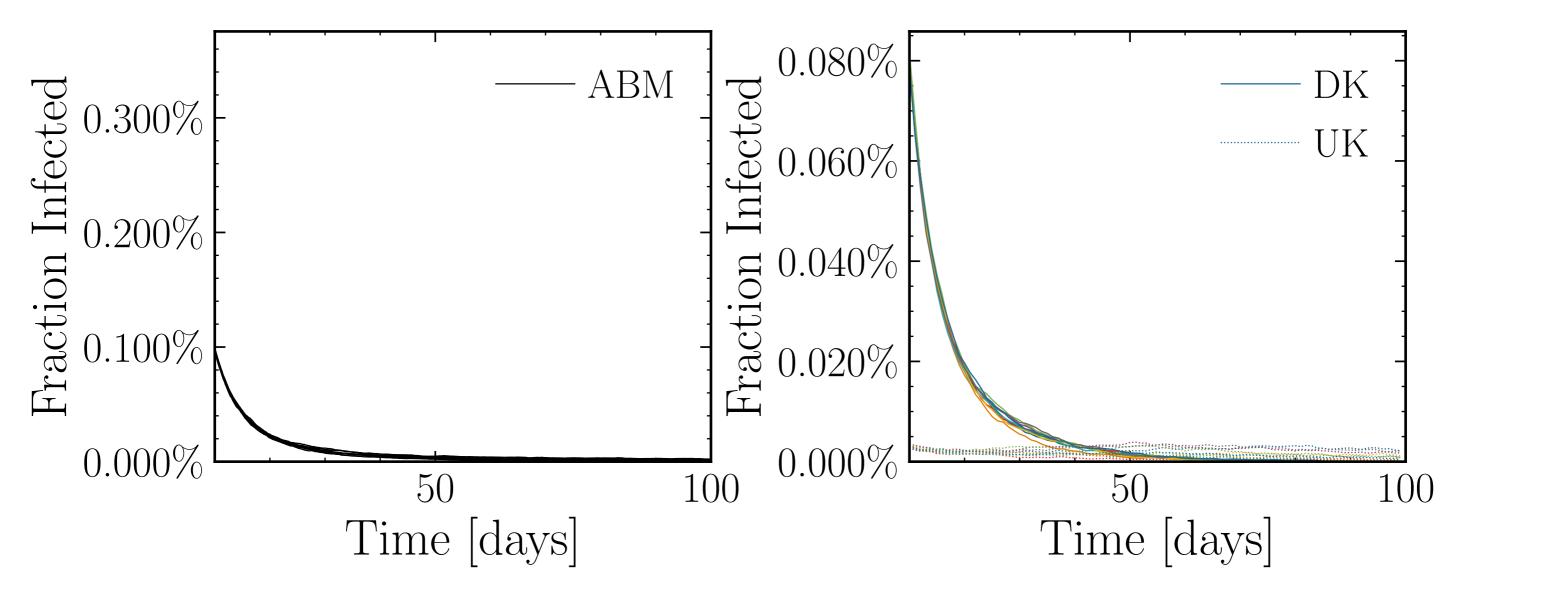
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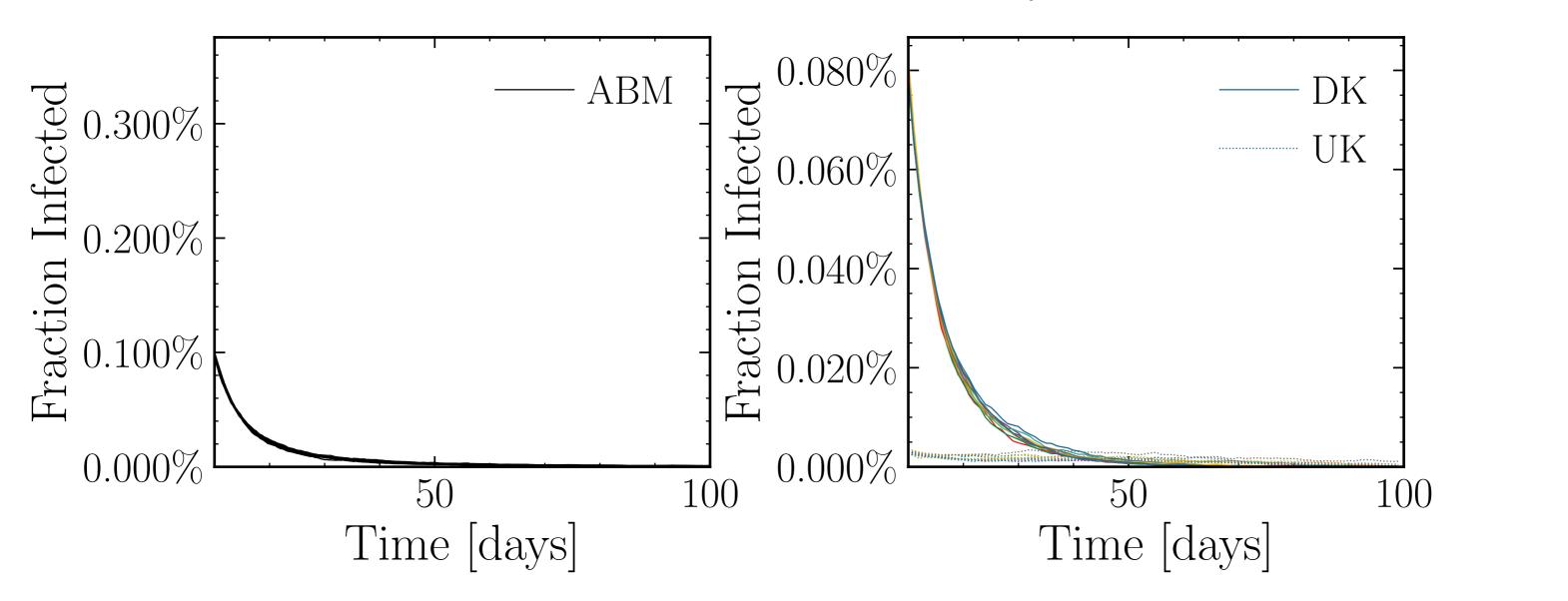
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{galing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $chance_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{\text{look,back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



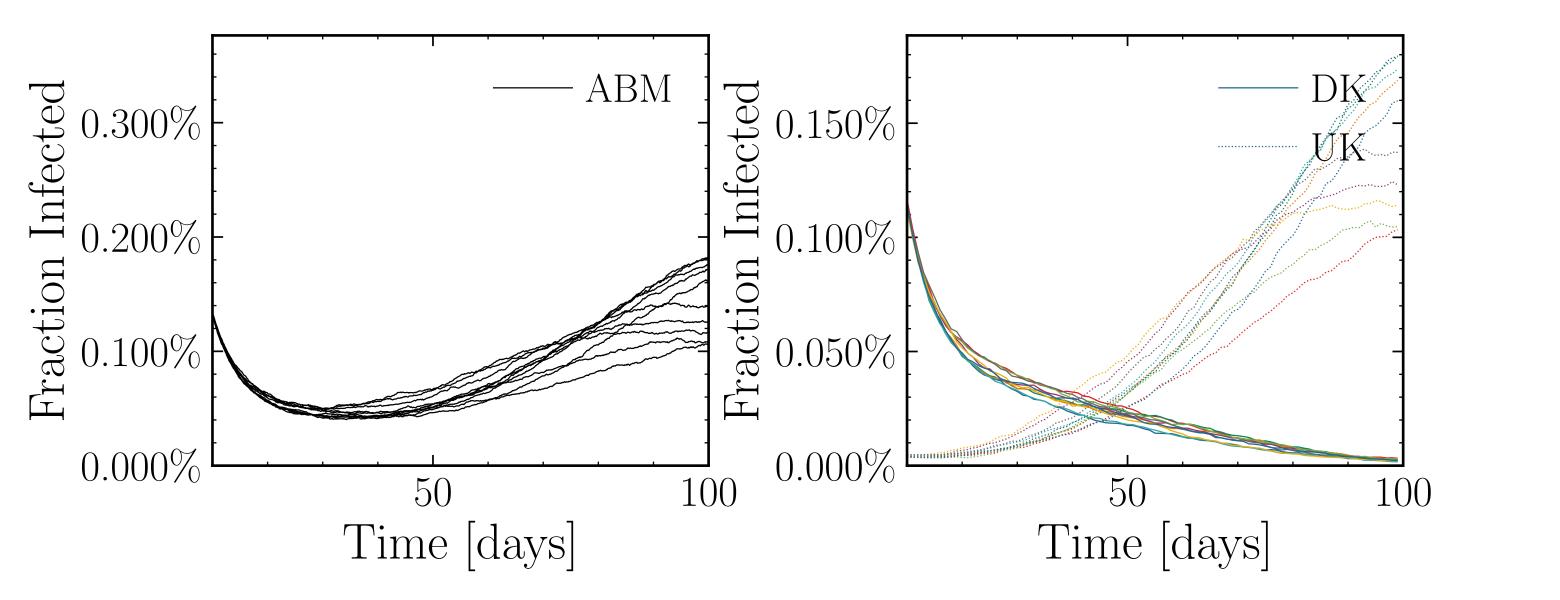
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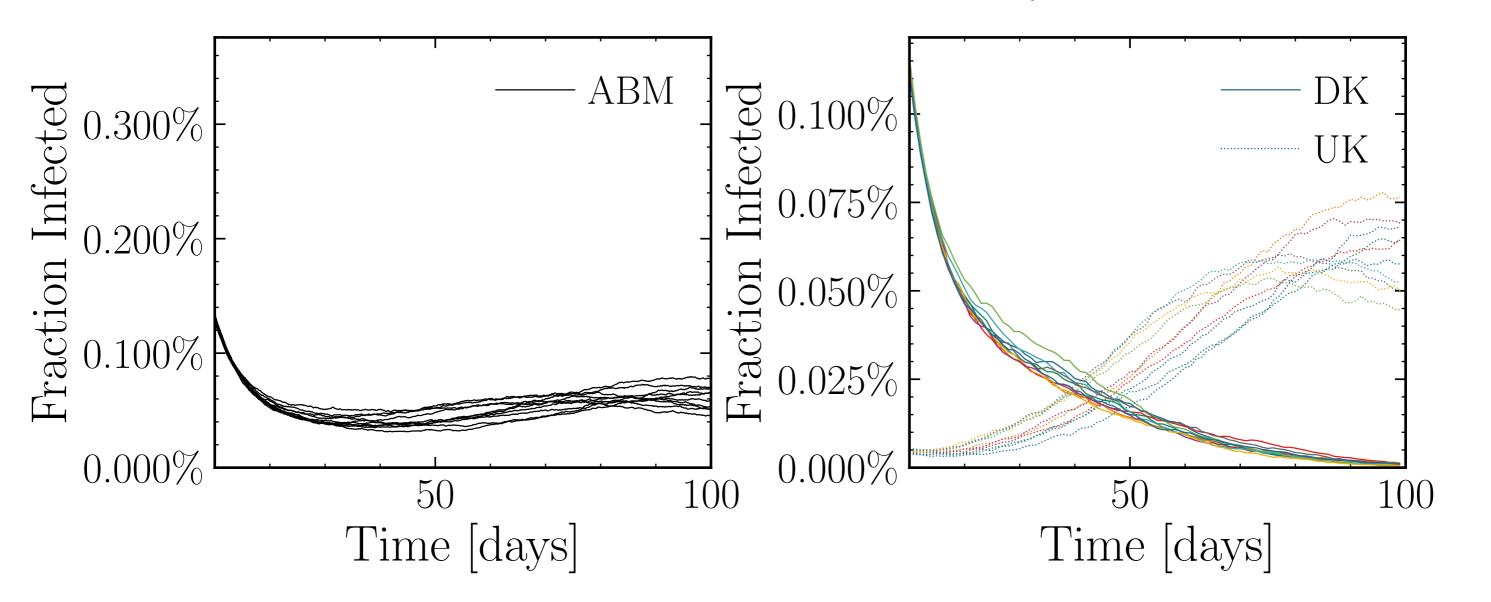
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 20000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \#10$



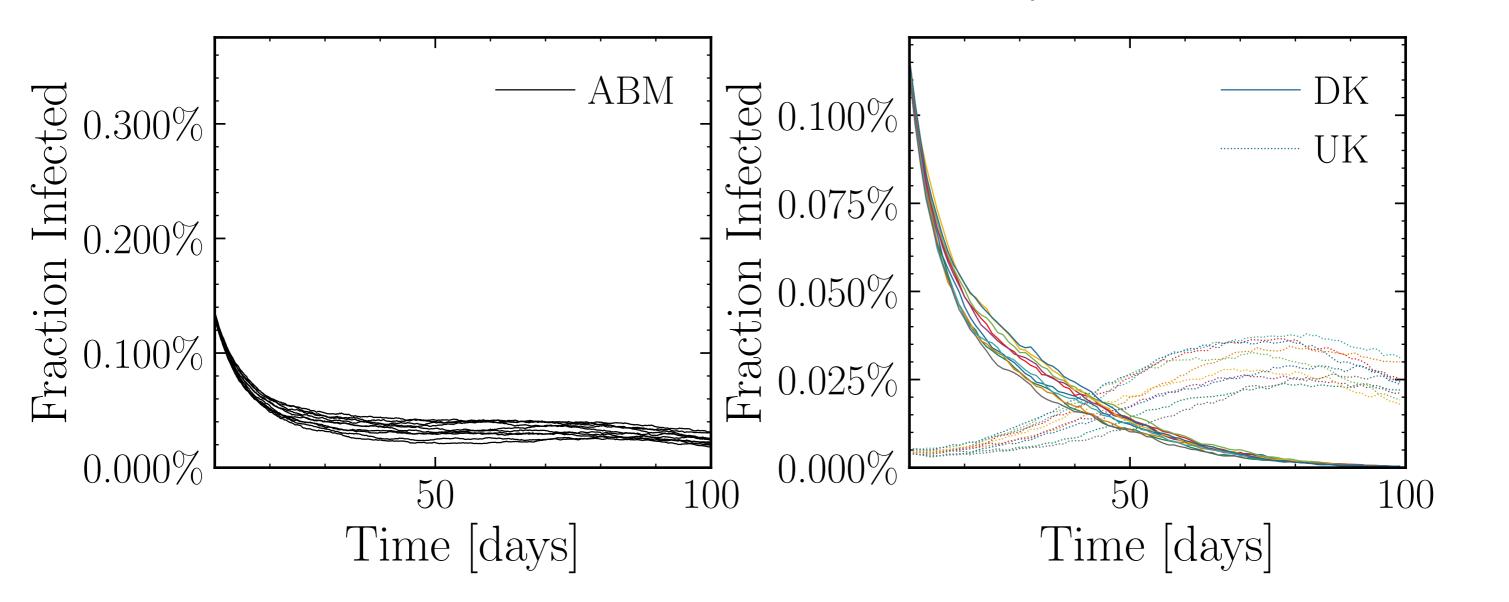
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $chance_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



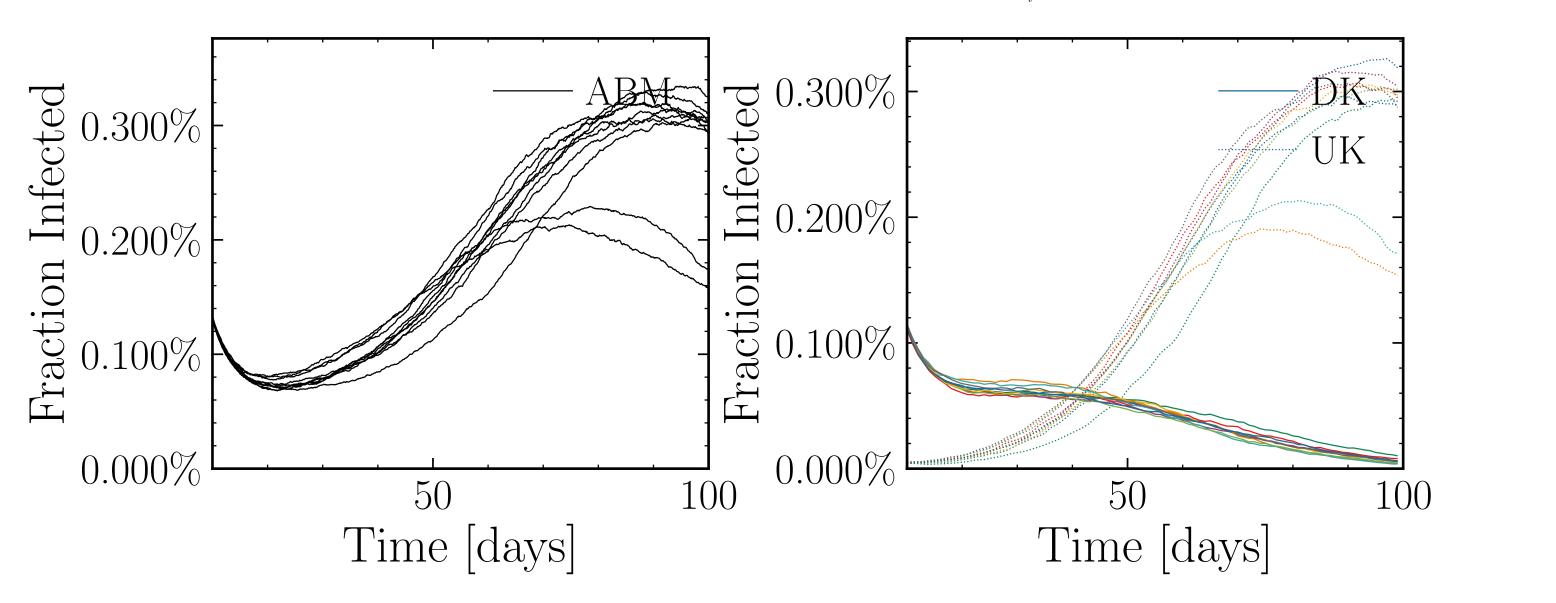
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ {\rm W.rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{\rm UK}} = {\rm københavn}, \ N_{\rm vaccinations} = 10000$ $N_{\rm events} = 0, \ {\rm event_{\rm size_{max}}} = 10, \ {\rm event_{\rm size_{max}}} = 5.0, \ {\rm event_{\rm gealing}} = 5.0, \ {\rm event_{\rm weekend_{\rm multiplier}}} = 2.0$ ${\rm do_{\rm int.}} = {\rm False}, \ {\rm int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5]$ ${\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look,back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



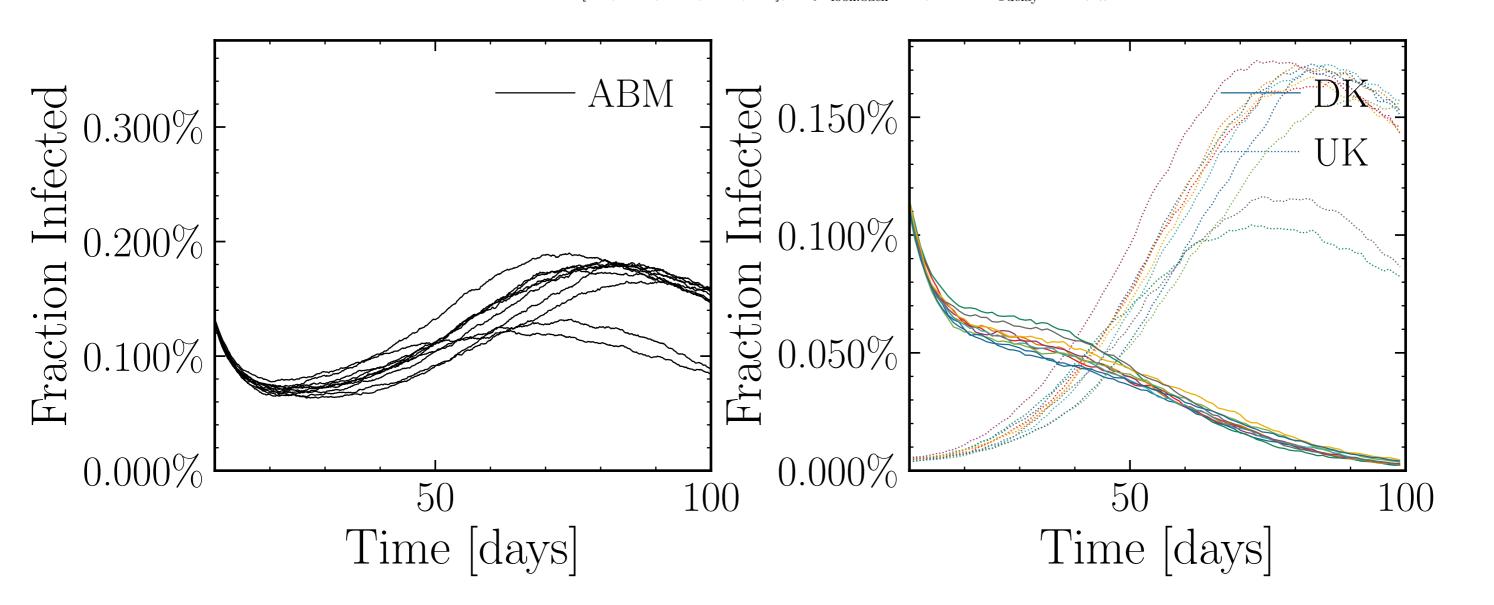
 $N_{\rm tot} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 8.0, \, \sigma_{\mu} = 0.2, \, \beta = 0.006, \, \sigma_{\beta} = 0.0, \, N_{\rm init} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, {\rm rand.inf.} = {\rm True, \, w.rand.inf.} = {\rm True, \, w.rand.inf.} = 0, \, f_{\rm work/other} = 0.95, \, N_{\rm contacts_{max}} = 0, \, N_{\rm init.UK.} = 1000, \, \beta_{\rm UK} = 1.7, \, {\rm outbreak_{\rm UK}} = 1.7, \, {\rm work_{\rm init.UK}} = 1.0, \, {\rm work_{\rm init.UK$



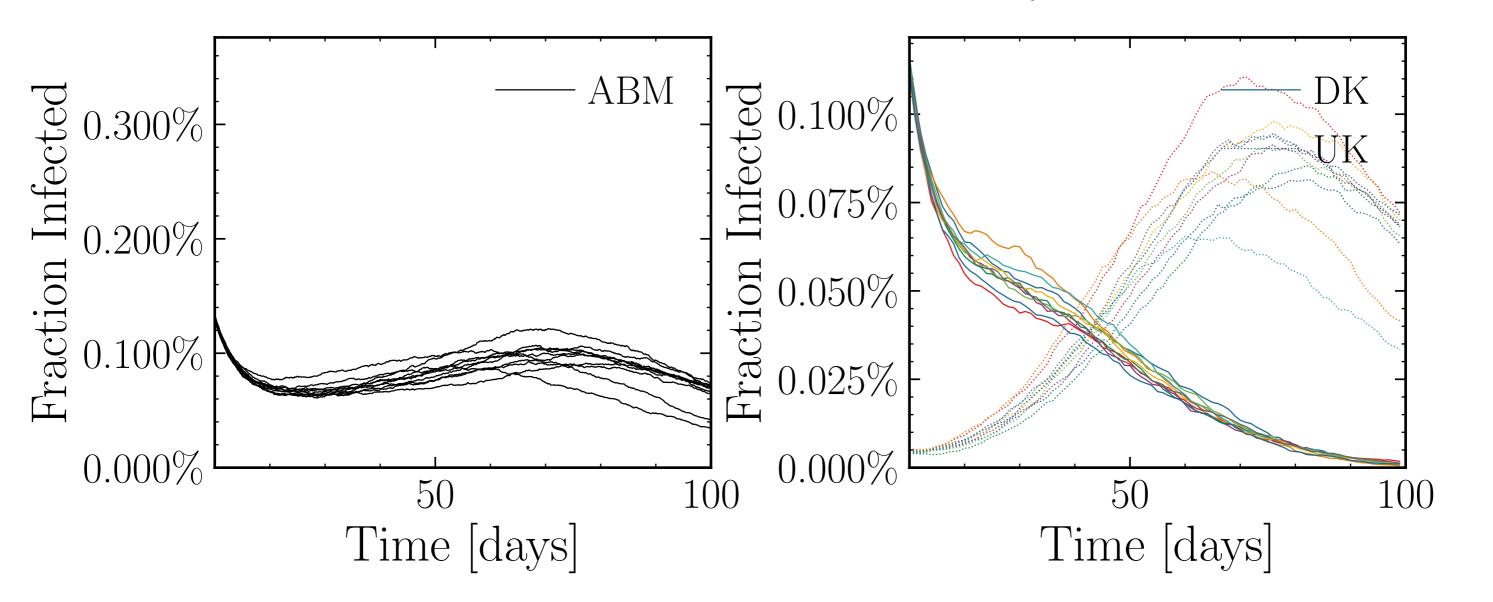
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $chance_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



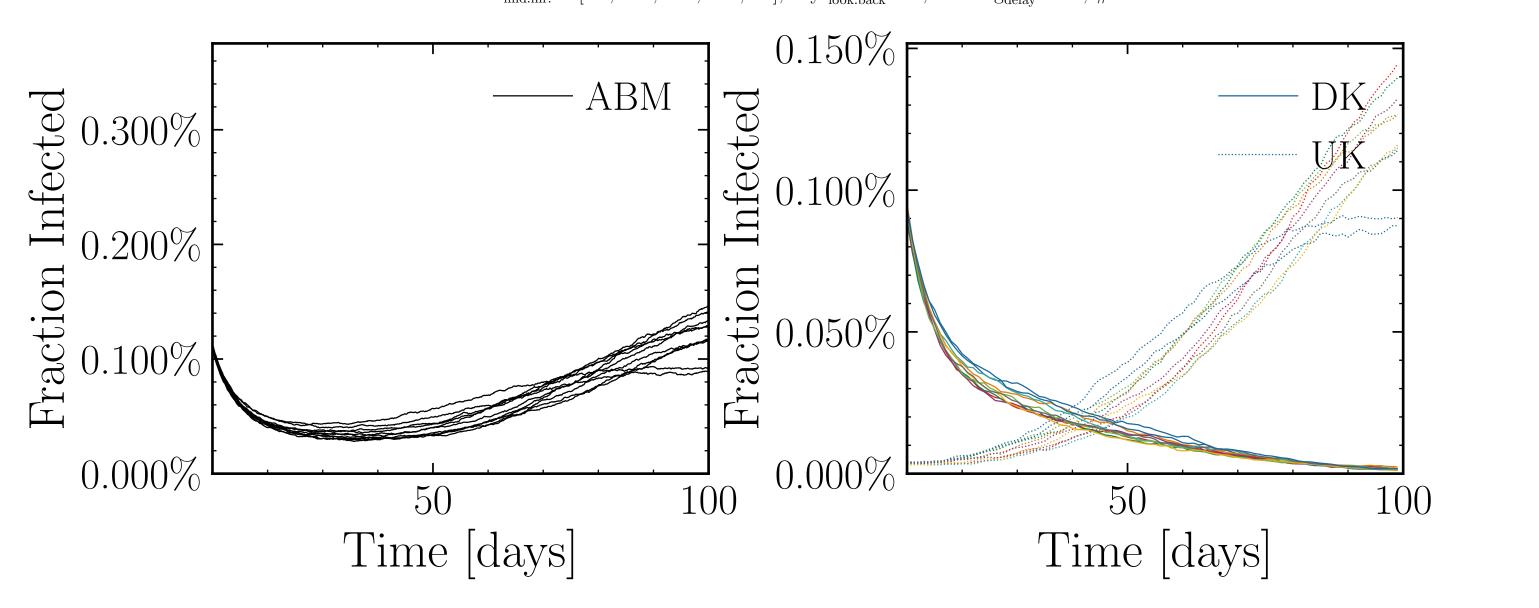
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



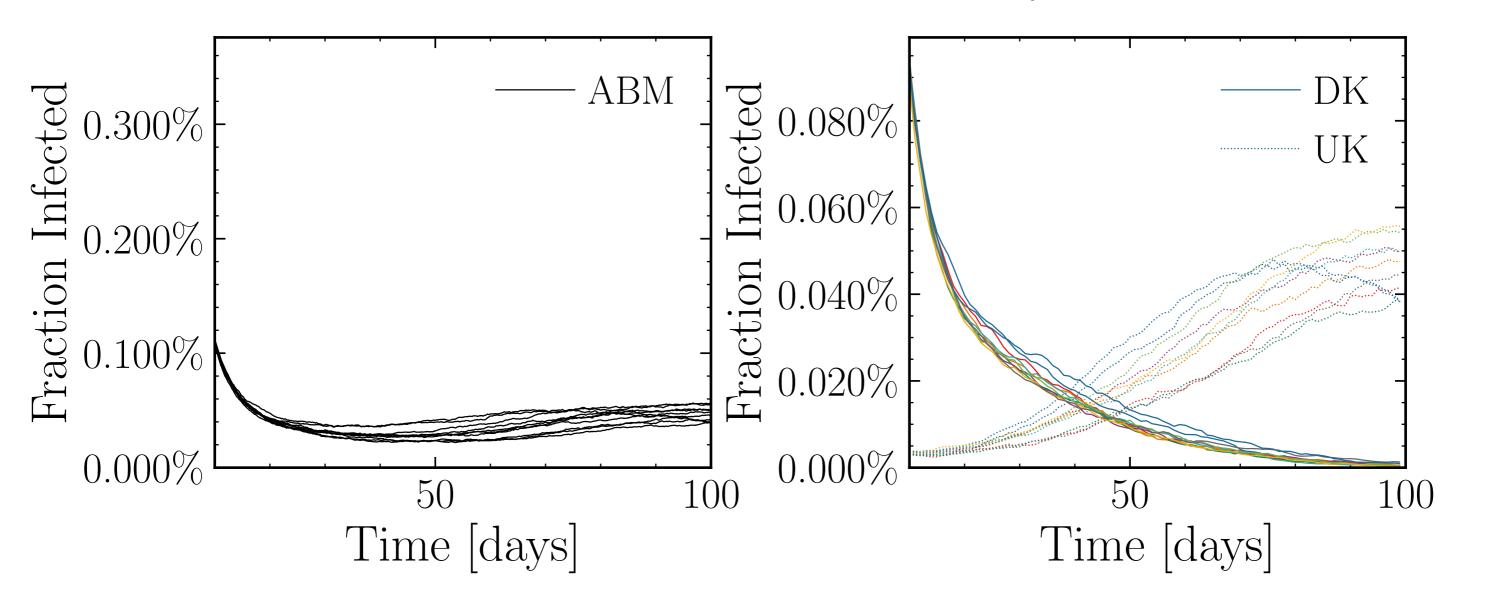
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 20000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



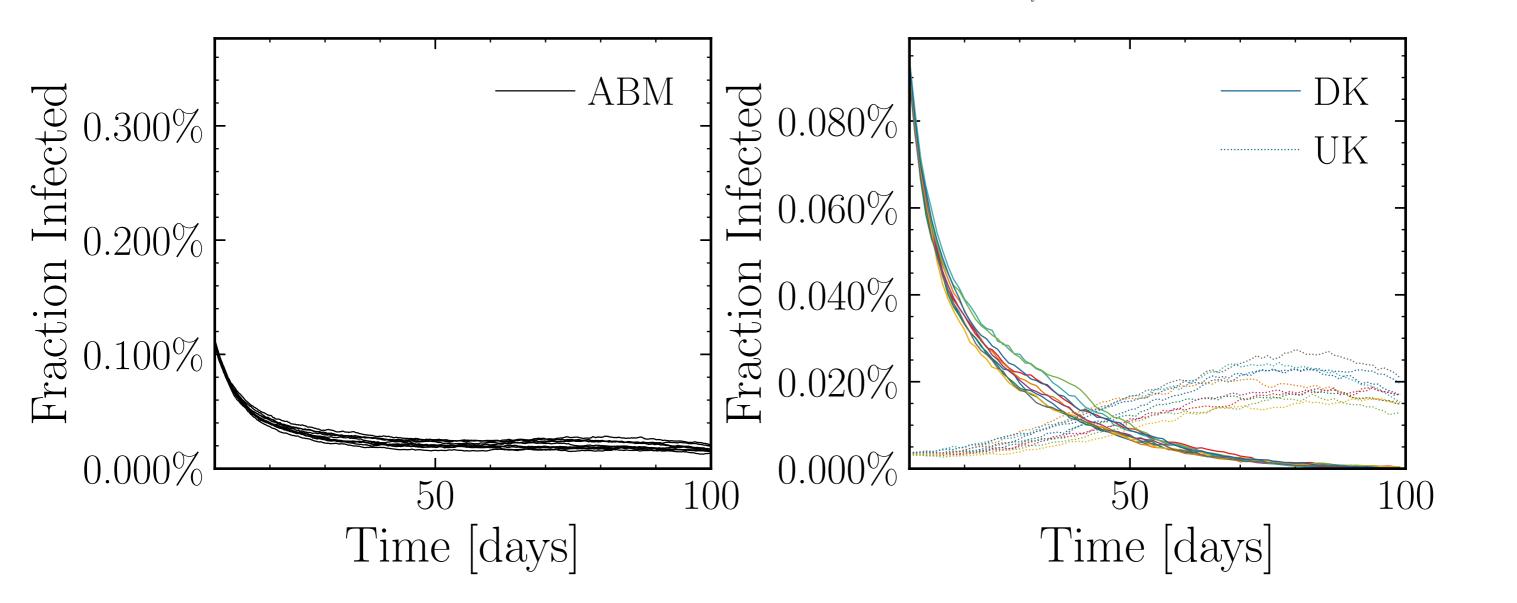
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = \text{True, v.rand.inf.} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{galing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \ days_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



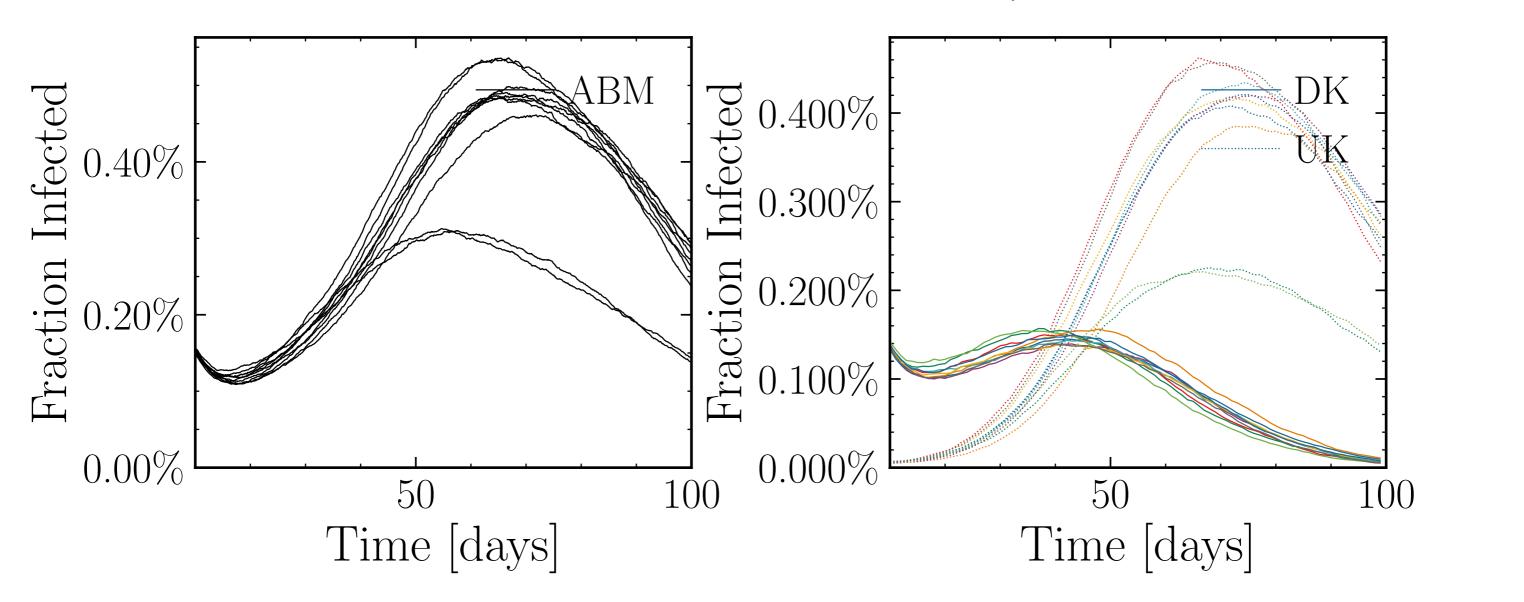
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \#10$



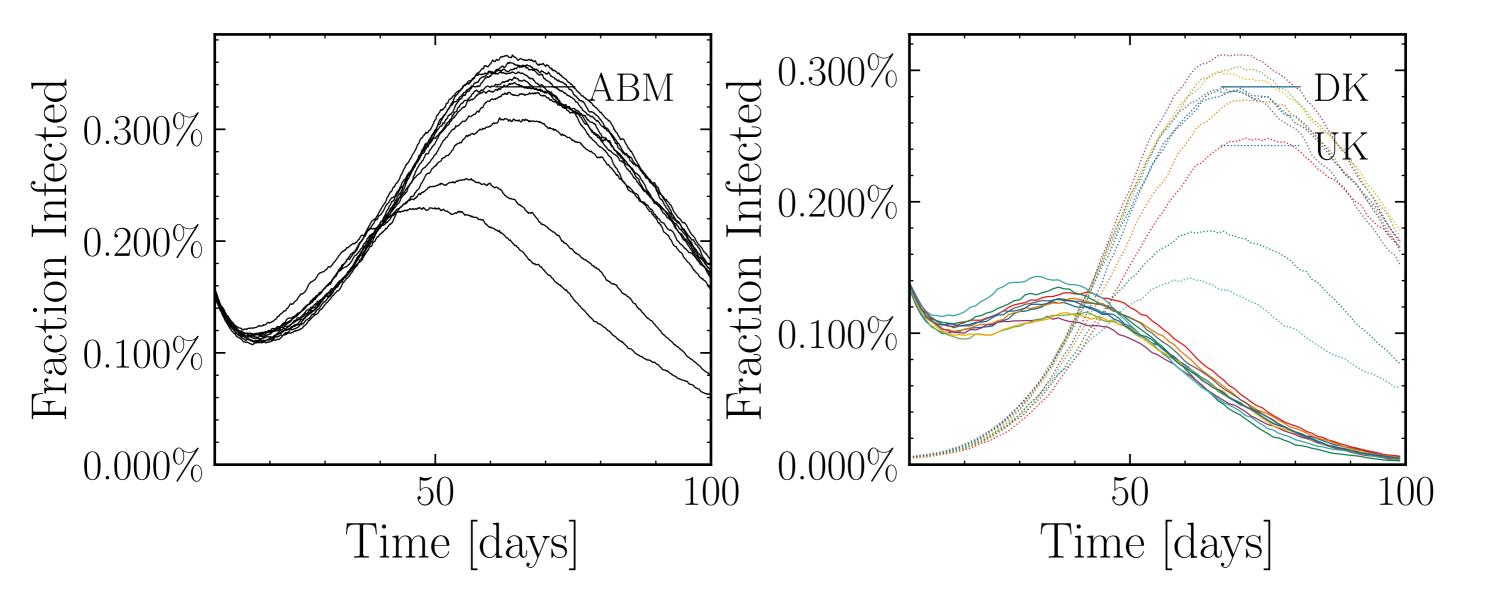
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 20000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{max}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look,back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



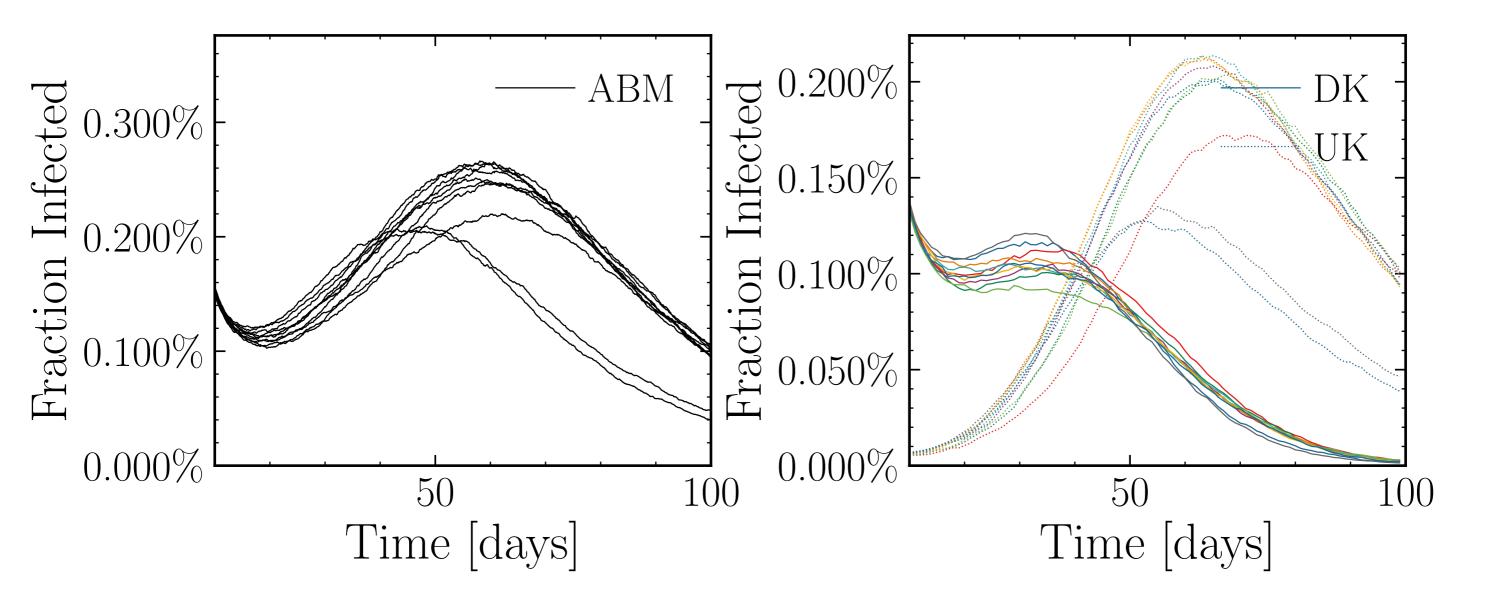
 $N_{\rm tot} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 10.0, \, \sigma_{\mu} = 0.0, \, \beta = 0.006, \, \sigma_{\beta} = 0.0, \, N_{\rm init} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, {\rm rand.inf.} = {\rm True, \, w.rand.inf.} = {\rm True, \, w.rand.inf.} = 0, \, f_{\rm work/other} = 0.95, \, N_{\rm contacts_{max}} = 0, \, N_{\rm init.UK.} = 1000, \, \beta_{\rm UK} = 1.7, \, {\rm outbreak_{\rm UK}} = 1.7, \, {\rm outbreak_{\rm$



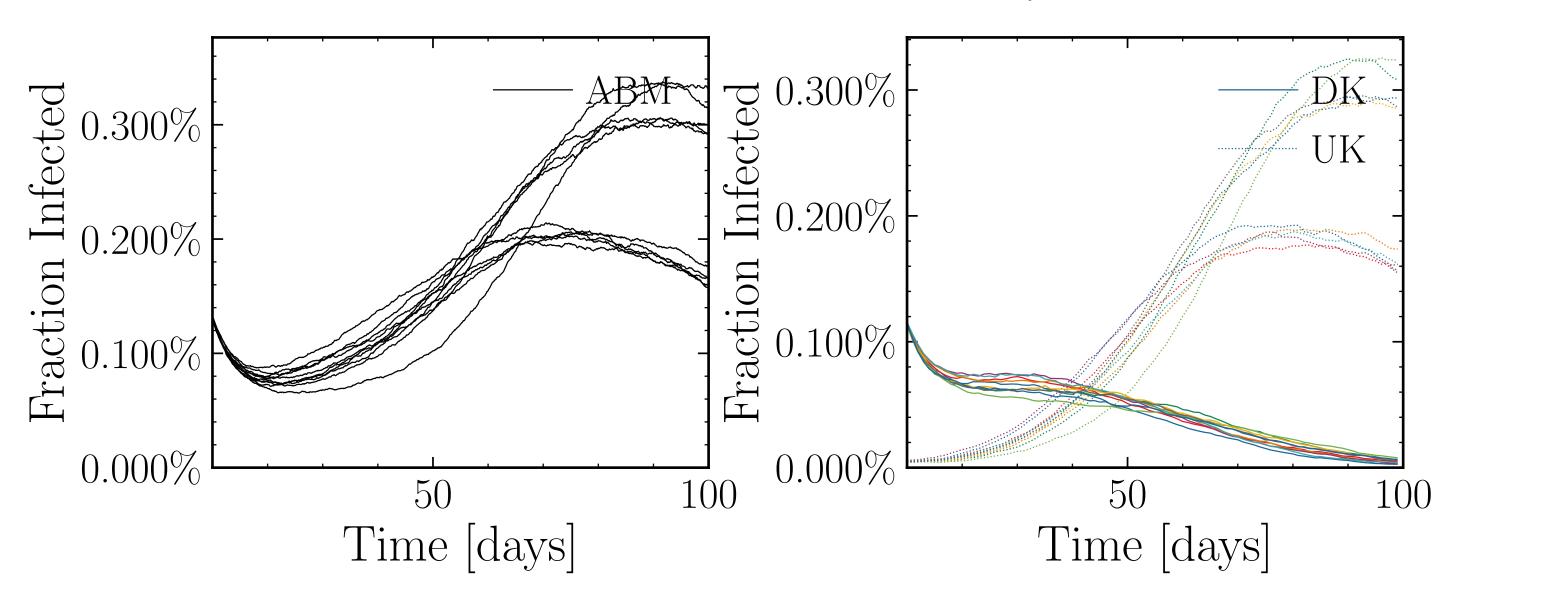
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, } N_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



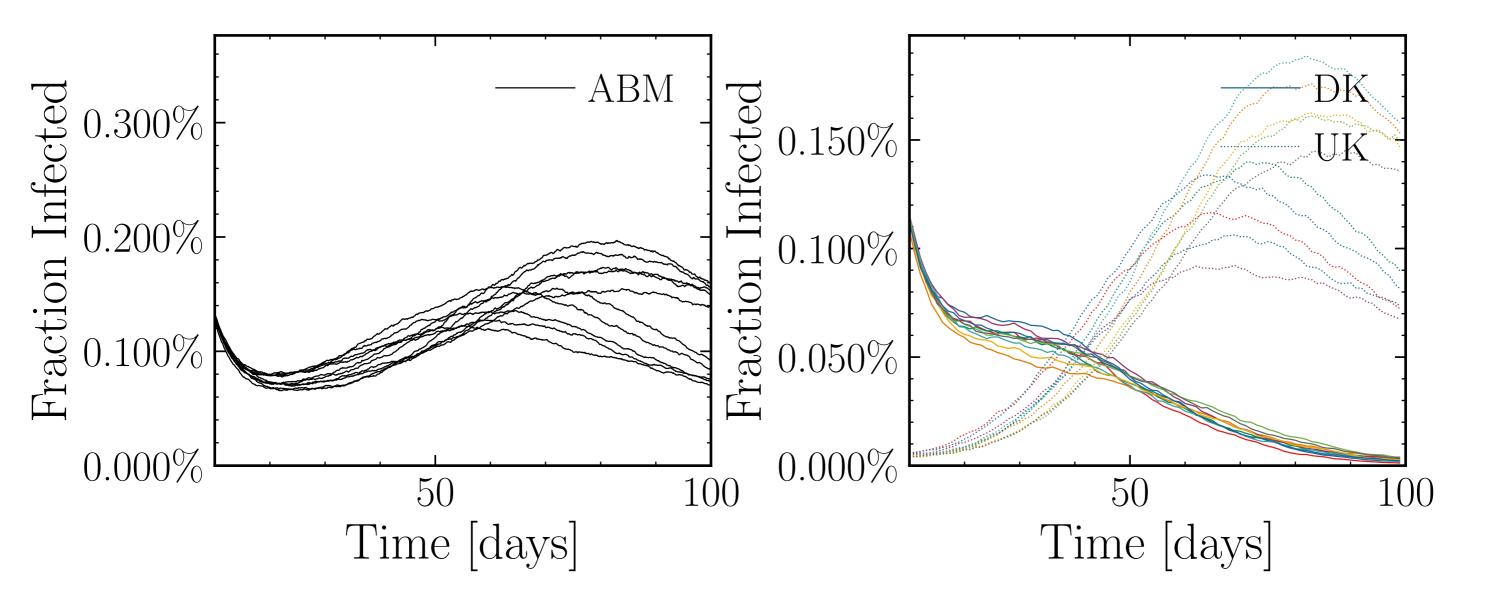
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{\rm UK}} = {\rm københavn}, \ N_{\rm vaccinations} = 20000$ $N_{\rm events} = 0, \ {\rm event_{\rm size_{max}}} = 10, \ {\rm event_{\rm size_{max}}} = 5.0, \ {\rm event_{\rm bealing}} = 5.0, \ {\rm event_{\rm weekend_{\rm multiplier}}} = 2.0$ ${\rm do_{\rm int.}} = {\rm False}, \ {\rm int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5]$ ${\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look.back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



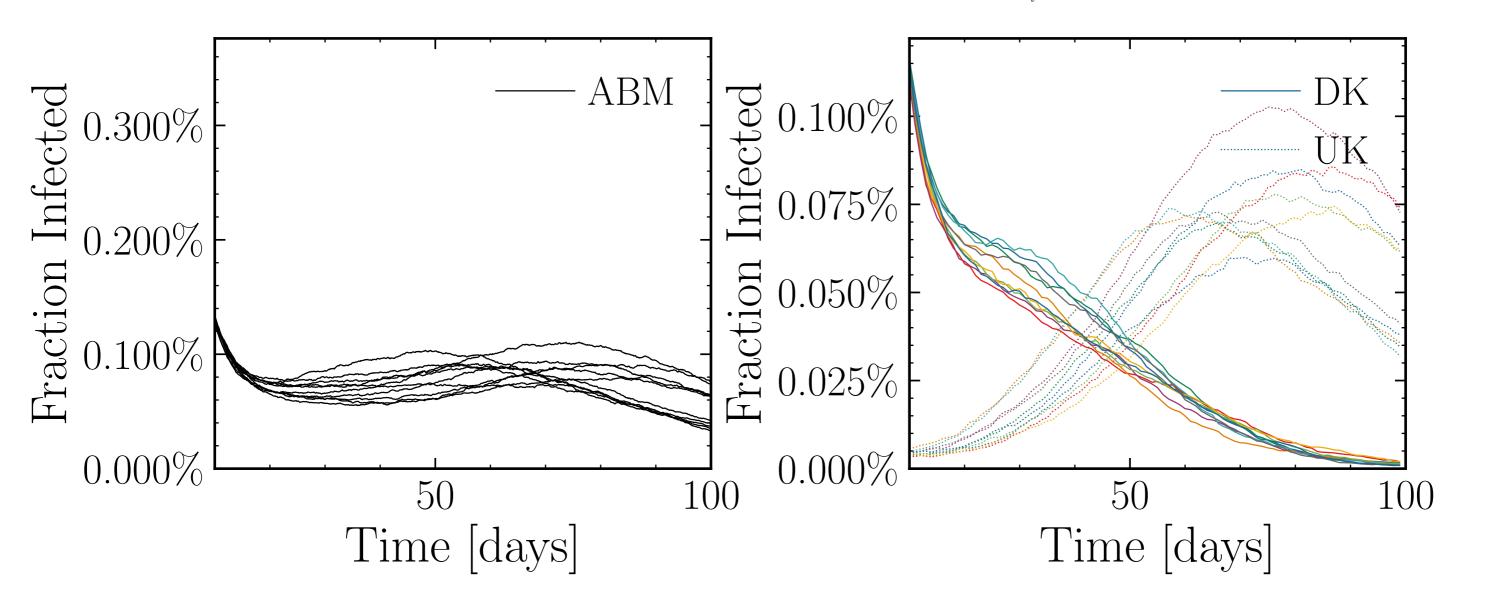
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ \text{outbreak}_{\rm UK} =$



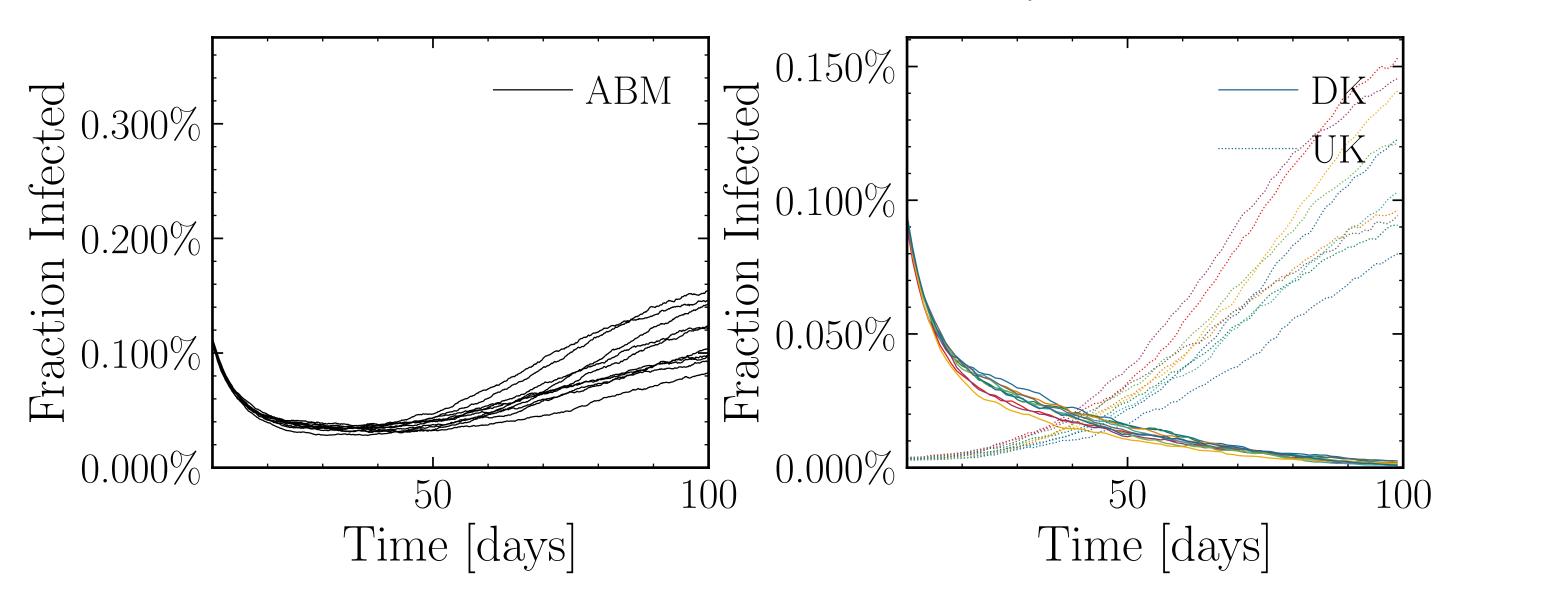
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



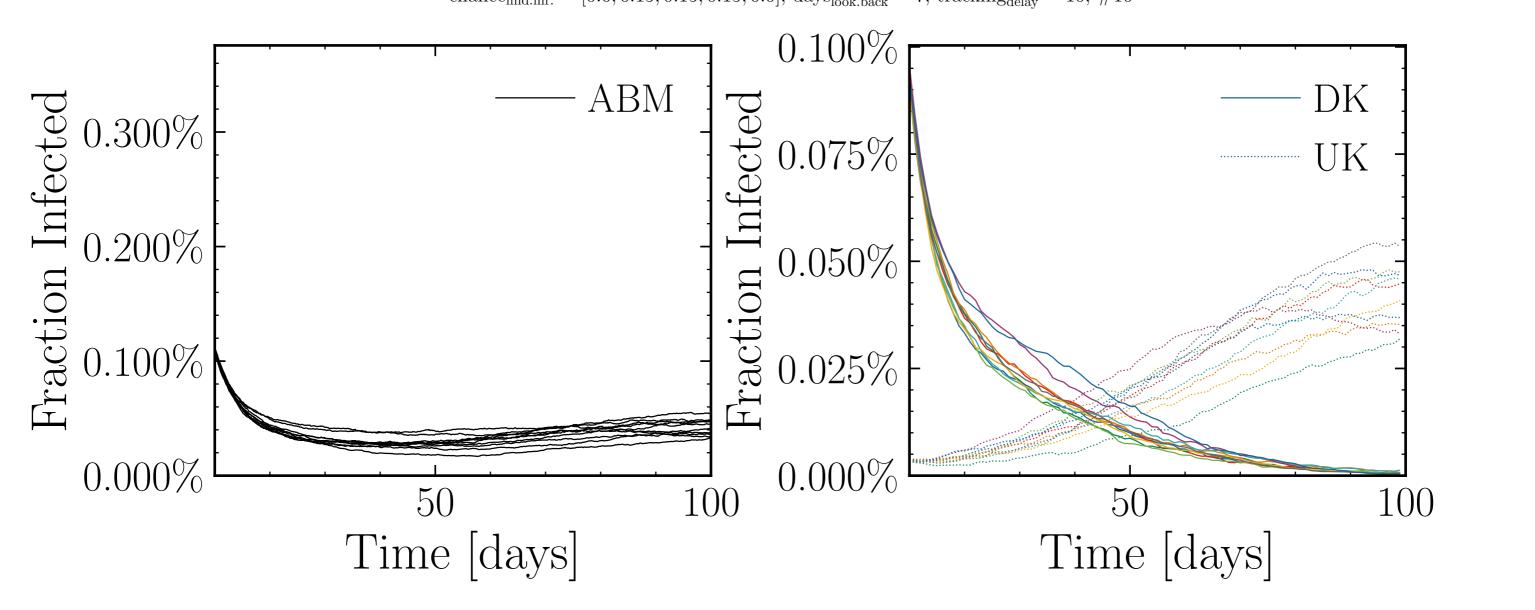
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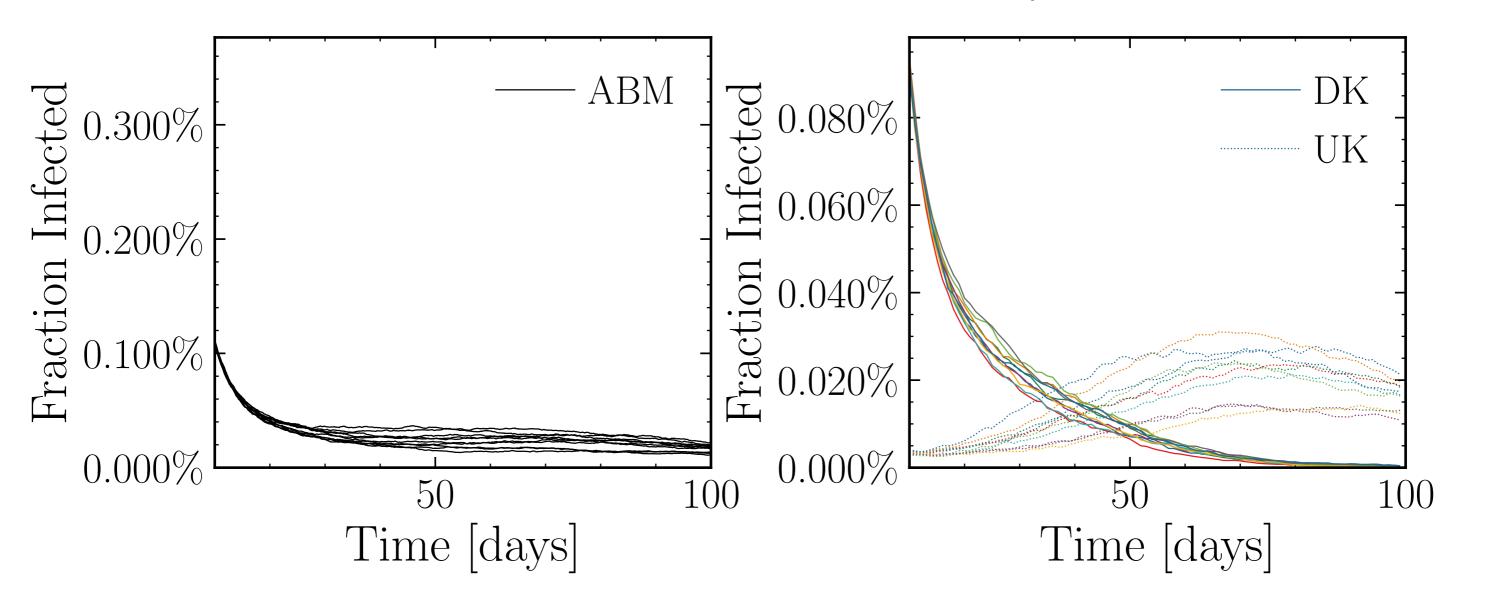
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{galing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $do_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $chance_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{\text{look,back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



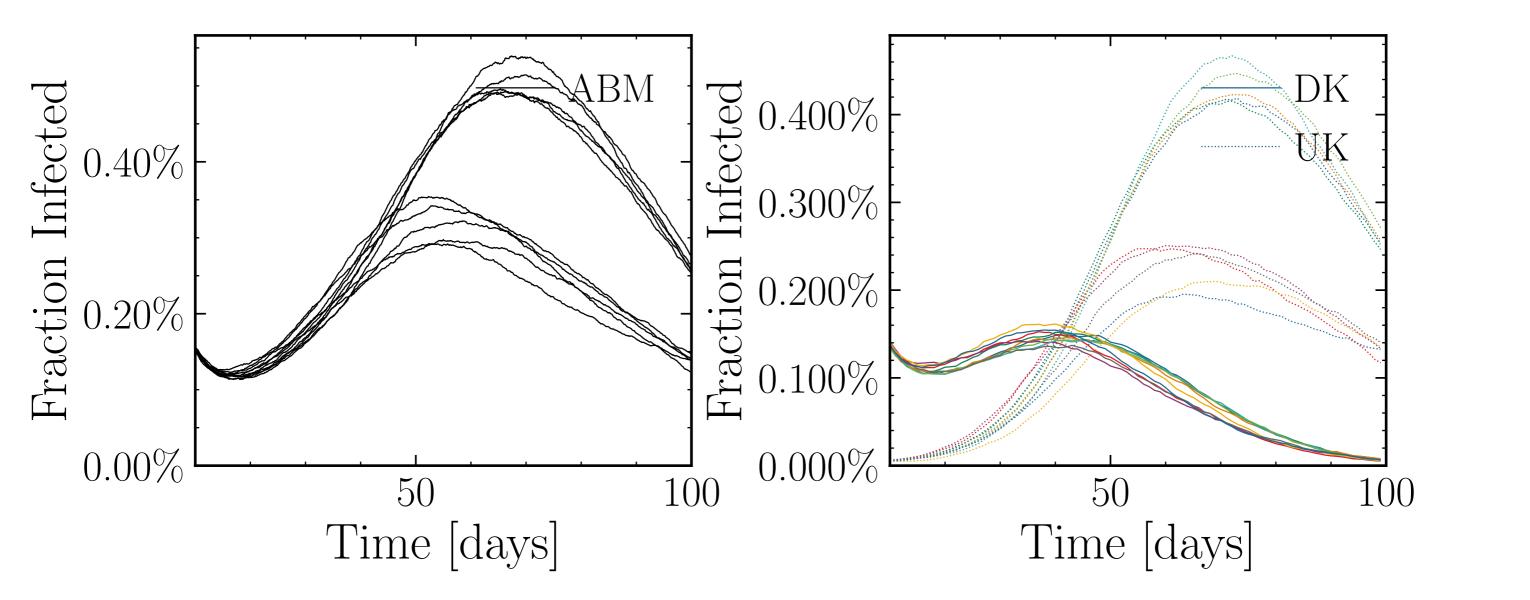
 $N_{\text{tot}} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 10.0, \, \sigma_{\mu} = 0.2, \, \beta = 0.004, \, \sigma_{\beta} = 0.0, \, N_{\text{init}} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \, f_{\text{work/other}} = 0.95, \, N_{\text{contacts}_{\text{max}}} = 0, \, N_{\text{init.UK.}} = 1000, \, \beta_{\text{UK}} = 1.7, \, \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \, \text{event}_{\text{size}_{\text{max}}} = 10, \, \text{event}_{\text{size}_{\text{mean}}} = 5.0, \, \text{event}_{\text{galing}} = 5.0, \, \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \, f_{\text{dailytests}} = 0.01, \, \text{test}_{\text{delay}} = [0, 0, 25], \, \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.15, 0.0], \, \text{days}_{\text{look.back}} = 7, \, \text{tracking}_{\text{delay}} = 10, \, \#10$



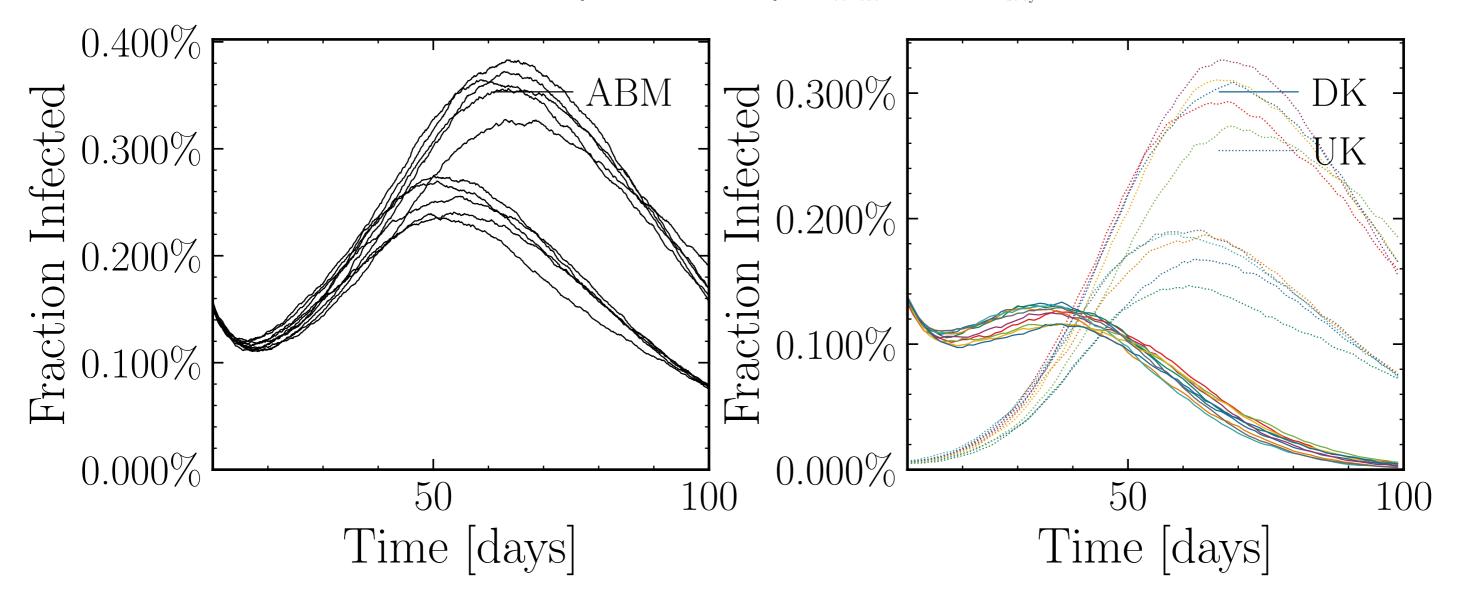
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, } \\ N_{\text{retries}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, } \\ N_{\text{vaccinations}} = 20000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look,back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



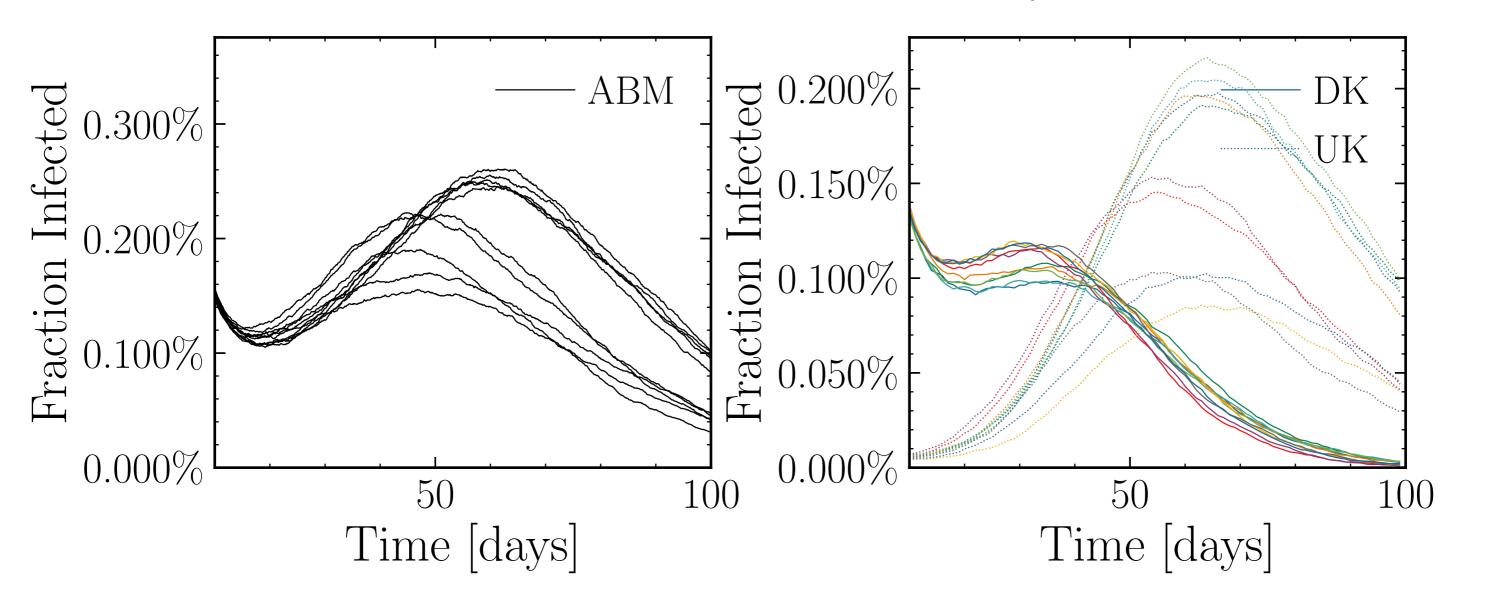
 $N_{\rm tot} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 10.0, \, \sigma_{\mu} = 0.2, \, \beta = 0.006, \, \sigma_{\beta} = 0.0, \, N_{\rm init} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, {\rm rand.inf.} = {\rm True, \, w.rand.inf.} = {\rm True, \, w.rand.inf.} = 0, \, f_{\rm work/other} = 0.95, \, f_{\rm work/other} = 0.95, \, N_{\rm contacts_{max}} = 0, \, N_{\rm init.UK.} = 1000, \, \beta_{\rm UK} = 1.7, \, {\rm outbreak_{UK}} = 1.7,$



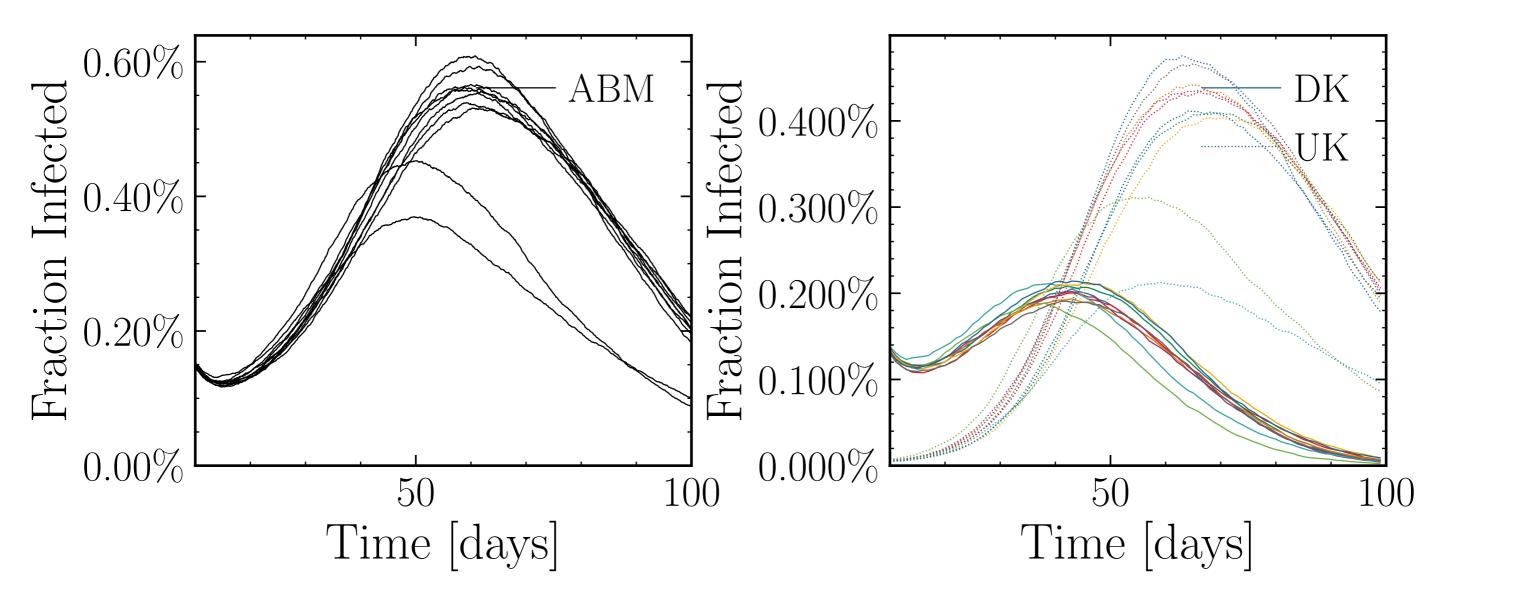
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 10.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True, \ w.rand.inf.} = {\rm True, \ N_{\rm retries}^{\rm connect}} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{\rm max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{\rm UK}} = {\rm københavn, \ N_{\rm vaccinations}} = 10000$ $N_{\rm events} = 0, \ {\rm event_{\rm size_{\rm max}}} = 10, \ {\rm event_{\rm size_{\rm mean}}} = 5.0, \ {\rm event_{\rm galing}} = 5.0, \ {\rm event_{\rm weekend_{\rm multiplier}}} = 2.0$ ${\rm do_{\rm int.}} = {\rm False, \ int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5]$ ${\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look,back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



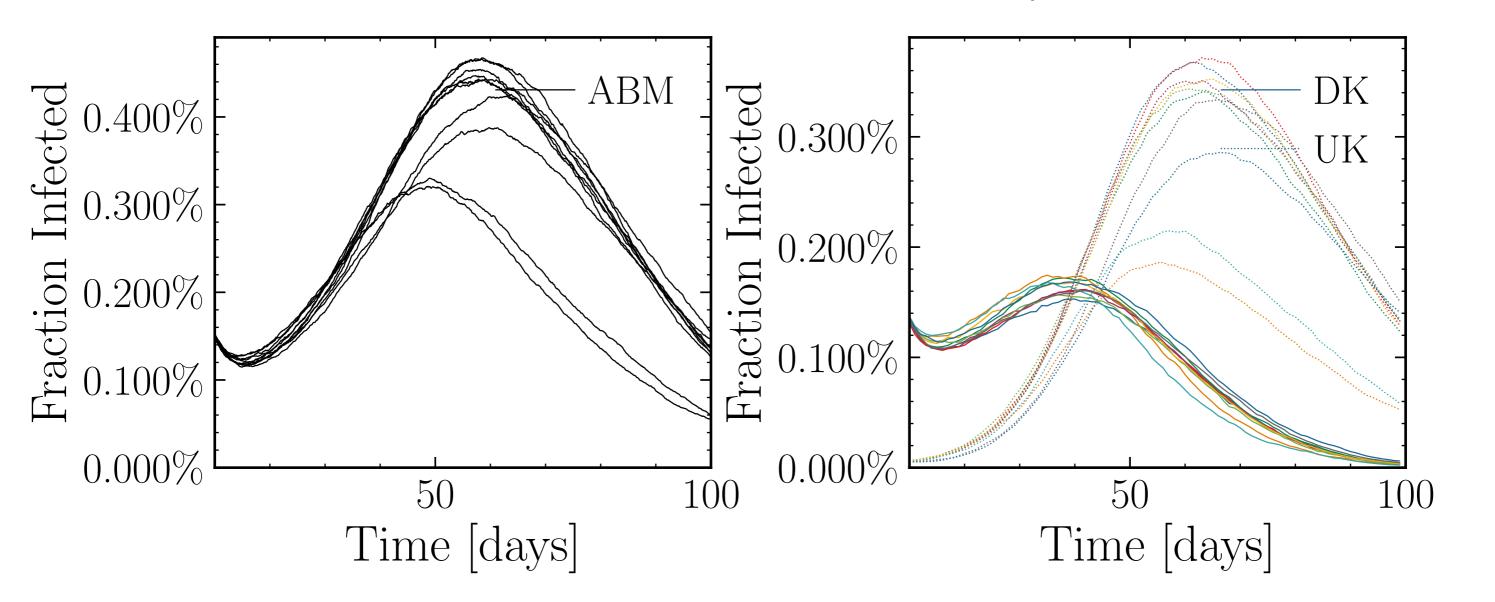
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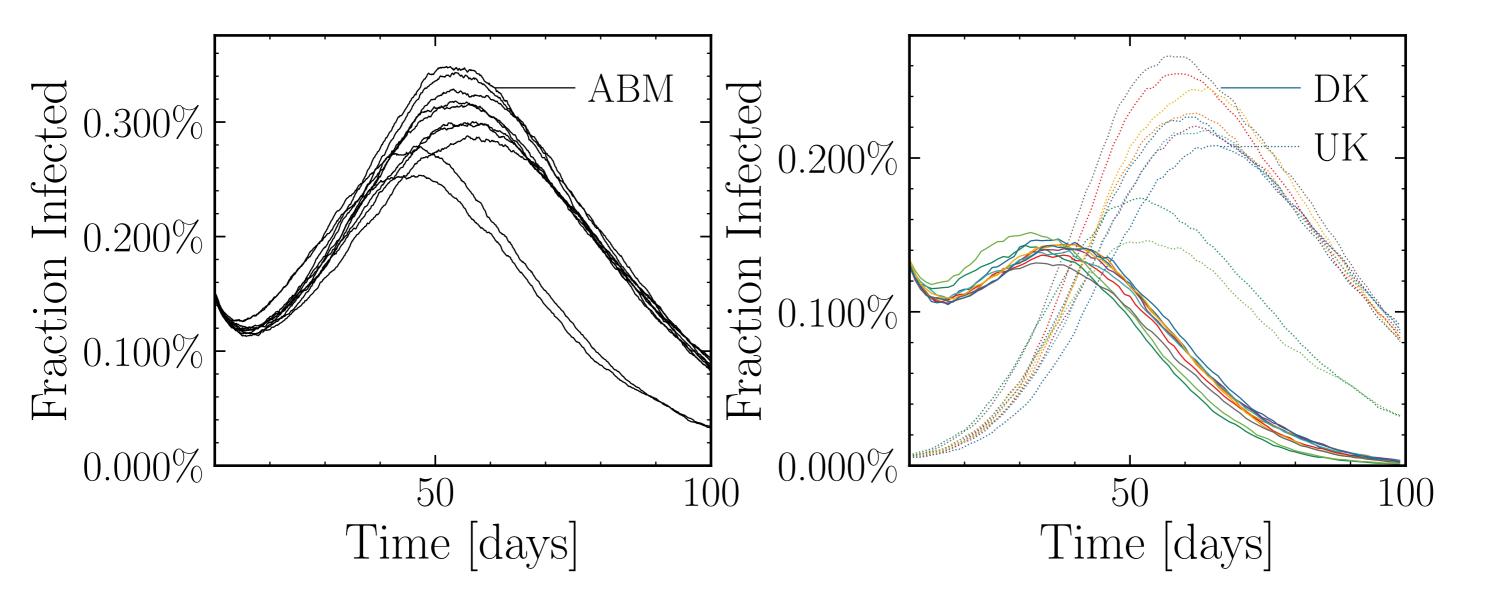
 $N_{\rm tot} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 12.0, \, \sigma_{\mu} = 0.0, \, \beta = 0.005, \, \sigma_{\beta} = 0.0, \, N_{\rm init} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, {\rm rand.inf.} = {\rm True, \, w.rand.inf.} = {\rm True, \, w.rand.inf.} = 0, \, f_{\rm work/other} = 0.95, \, N_{\rm contacts_{max}} = 0, \, N_{\rm init.UK.} = 1000, \, \beta_{\rm UK} = 1.7, \, {\rm outbreak_{\rm UK}} = 1.7, \, {\rm outbreak_{\rm$



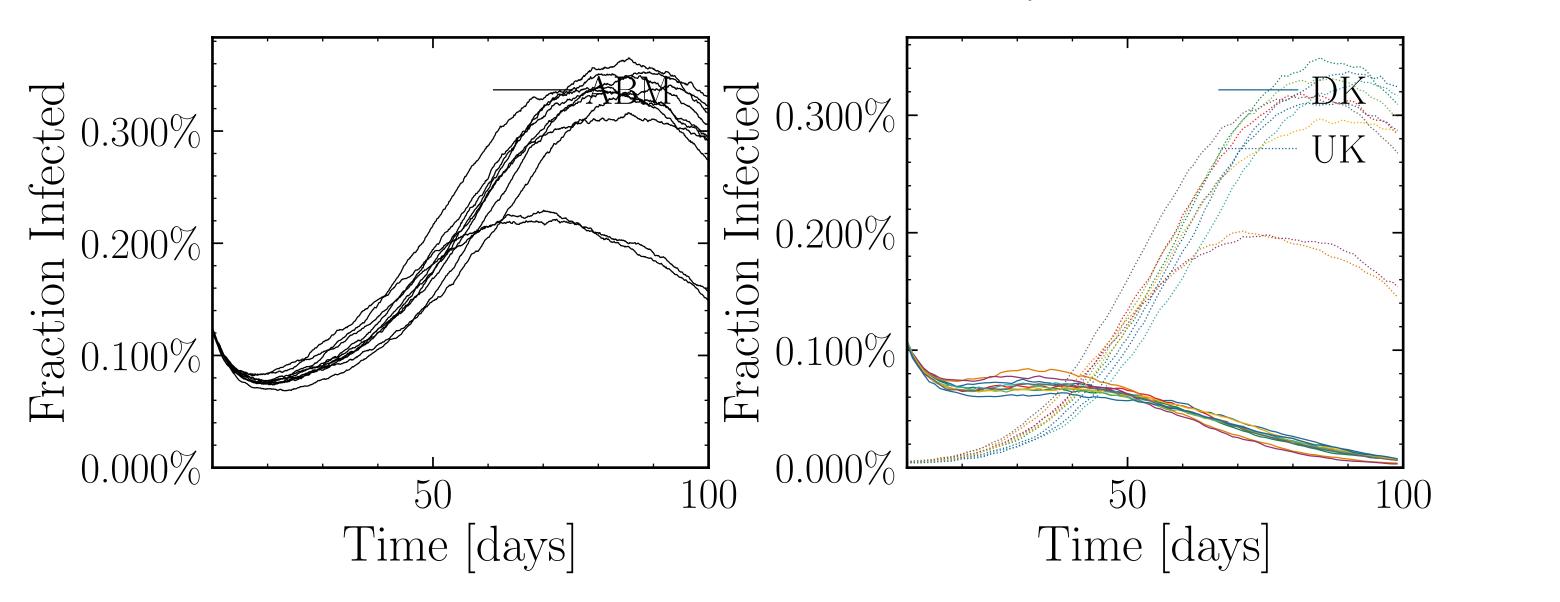
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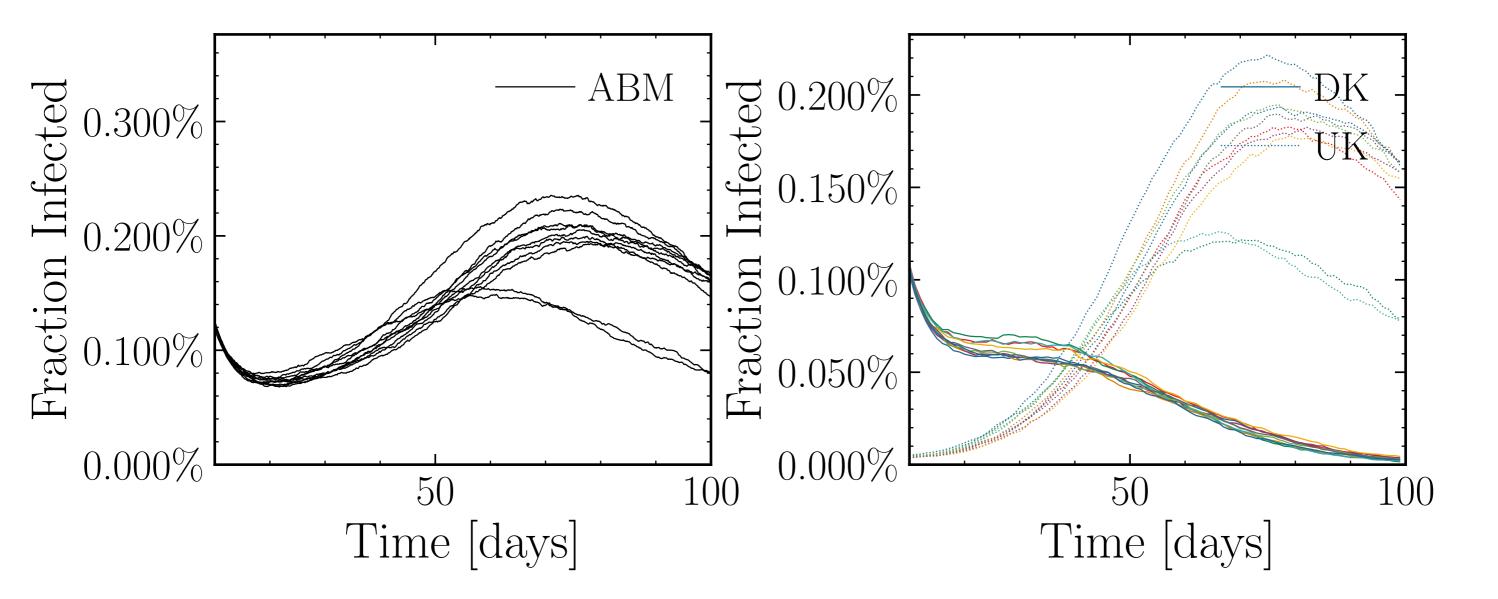
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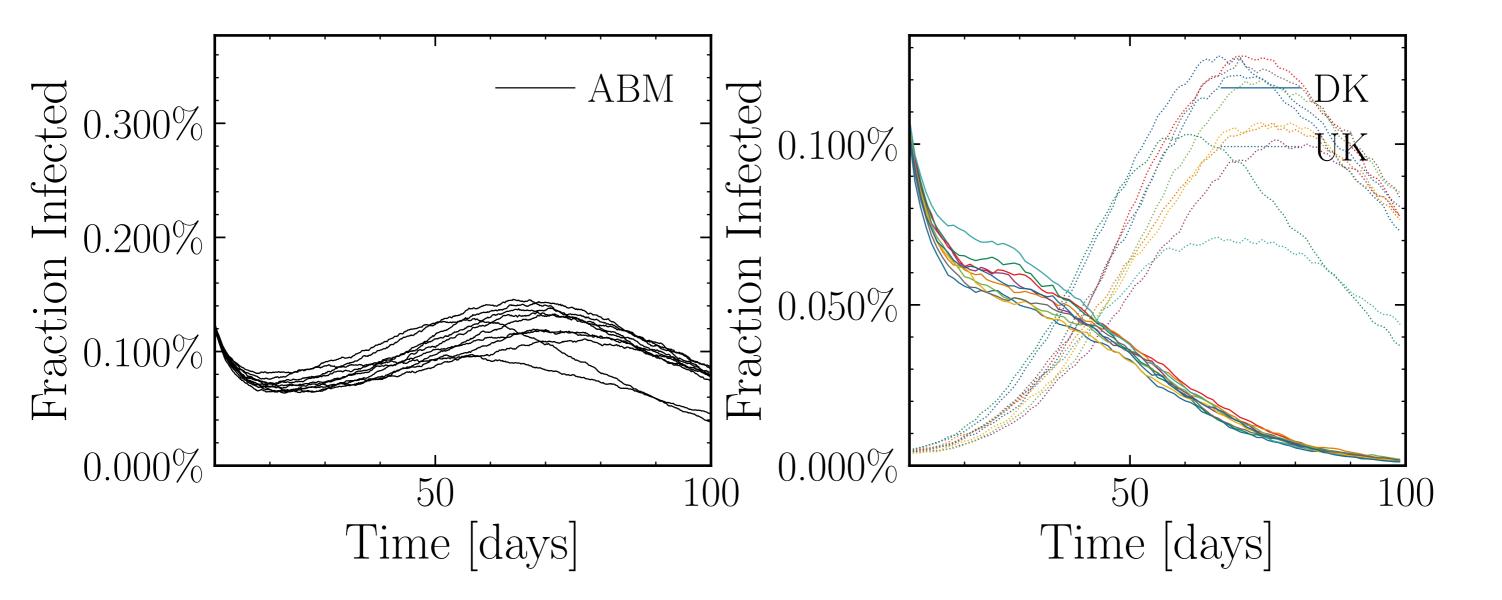
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 12.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ \text{outbreak}_{\rm UK} = \text{københavn, N}_{\rm vaccinations} = 0$ $N_{\rm events} = 0, \ \text{event}_{\rm size_{max}} = 10, \ \text{event}_{\rm size_{mean}} = 5.0, \ \text{event}_{\beta_{\rm scaling}} = 5.0, \ \text{event}_{\rm weekend_{multiplier}} = 2.0$ $do_{\rm int.} = \text{False, int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ \text{test}_{\rm delay} = [0, 0, 25], \ \text{result}_{\rm delay} = [5, 10, 5]$ $chance_{\rm find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{\rm look,back} = 7, \ \text{tracking}_{\rm delay} = 10, \ \#10$



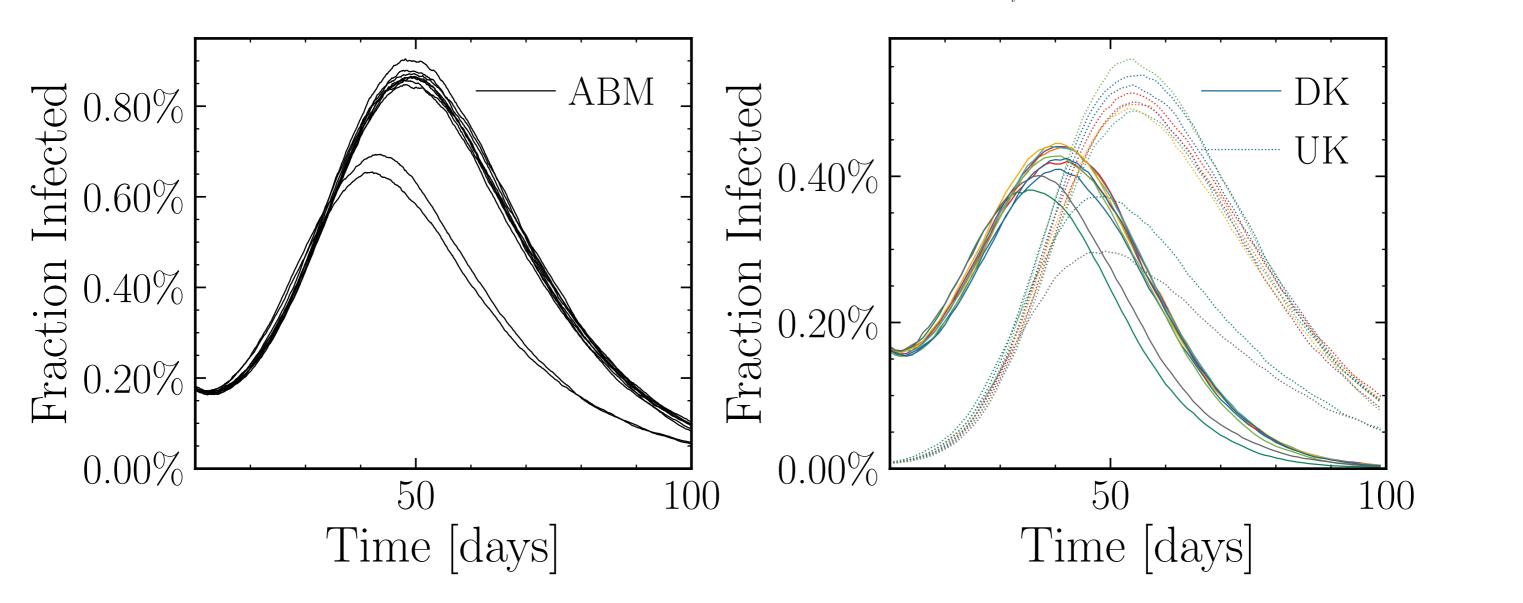
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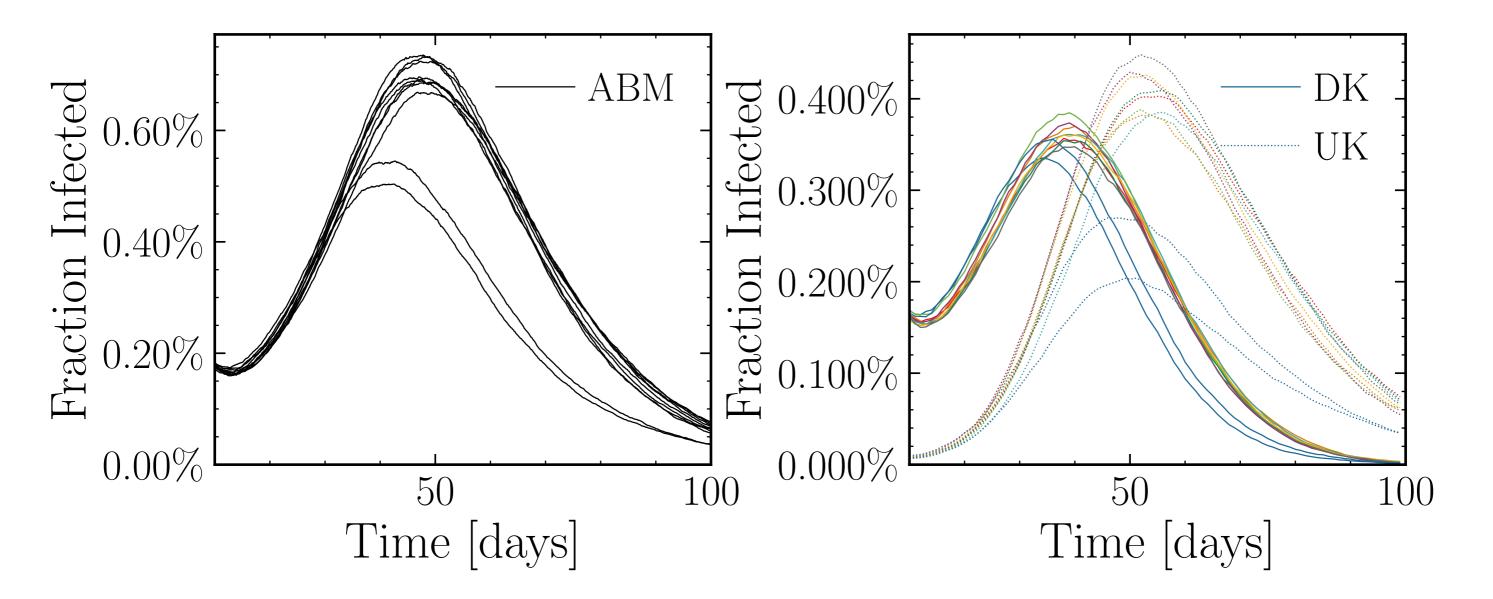
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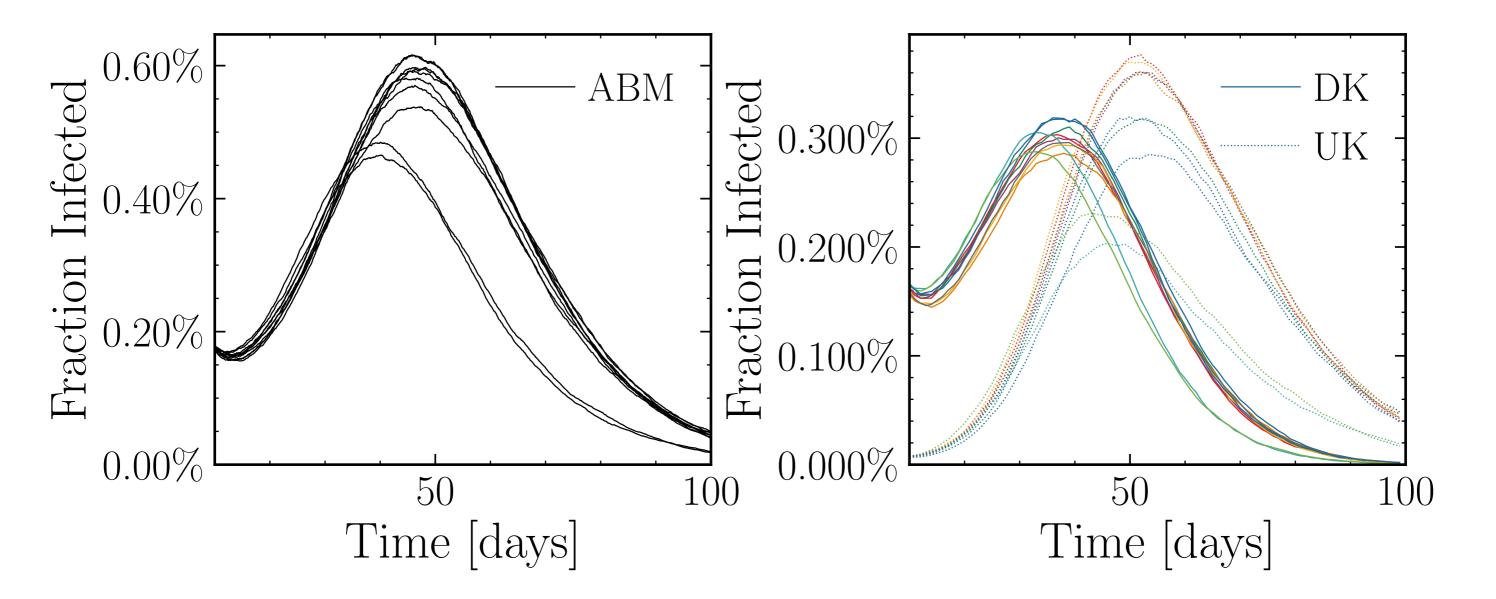
 $N_{\rm tot} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 12.0, \, \sigma_{\mu} = 0.0, \, \beta = 0.006, \, \sigma_{\beta} = 0.0, \, N_{\rm init} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, {\rm rand.inf.} = {\rm True, \, w.rand.inf.} = {\rm True, \, w.rand.inf.} = 0, \, f_{\rm work/other} = 0.95, \, N_{\rm contacts_{max}} = 0, \, N_{\rm init.UK.} = 1000, \, \beta_{\rm UK} = 1.7, \, {\rm outbreak_{UK}} = 1.7,$



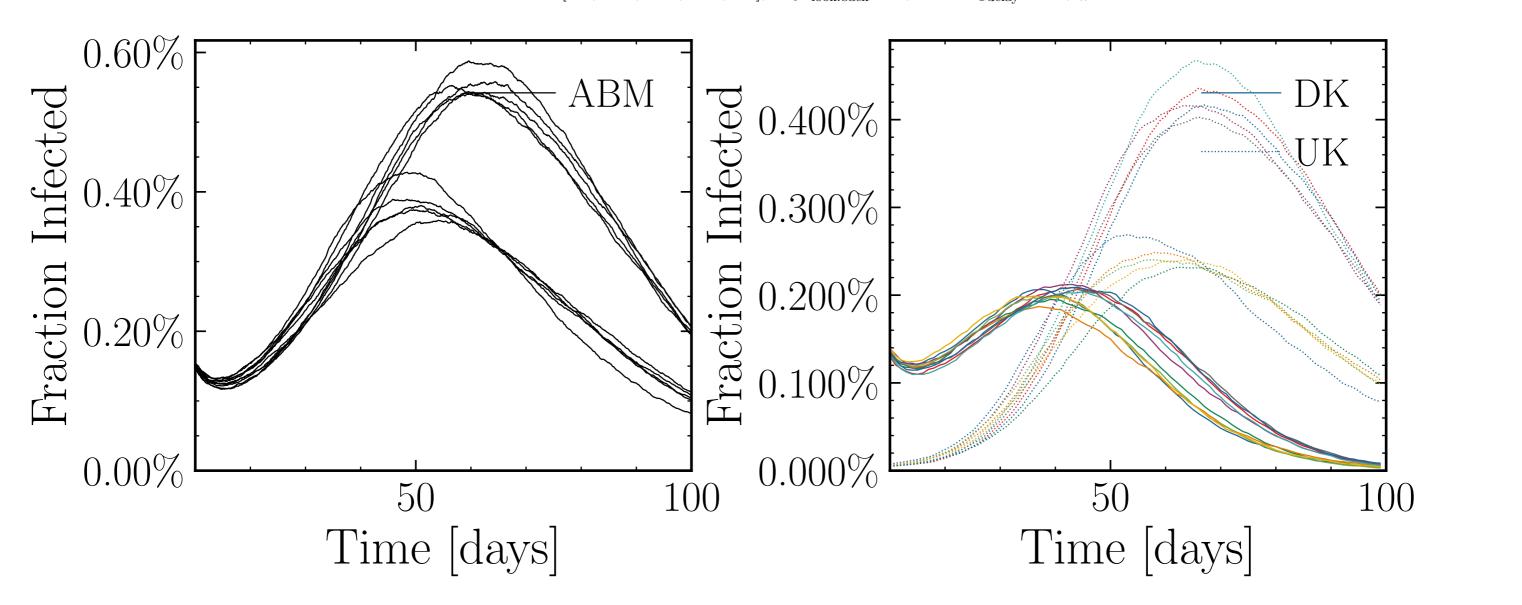
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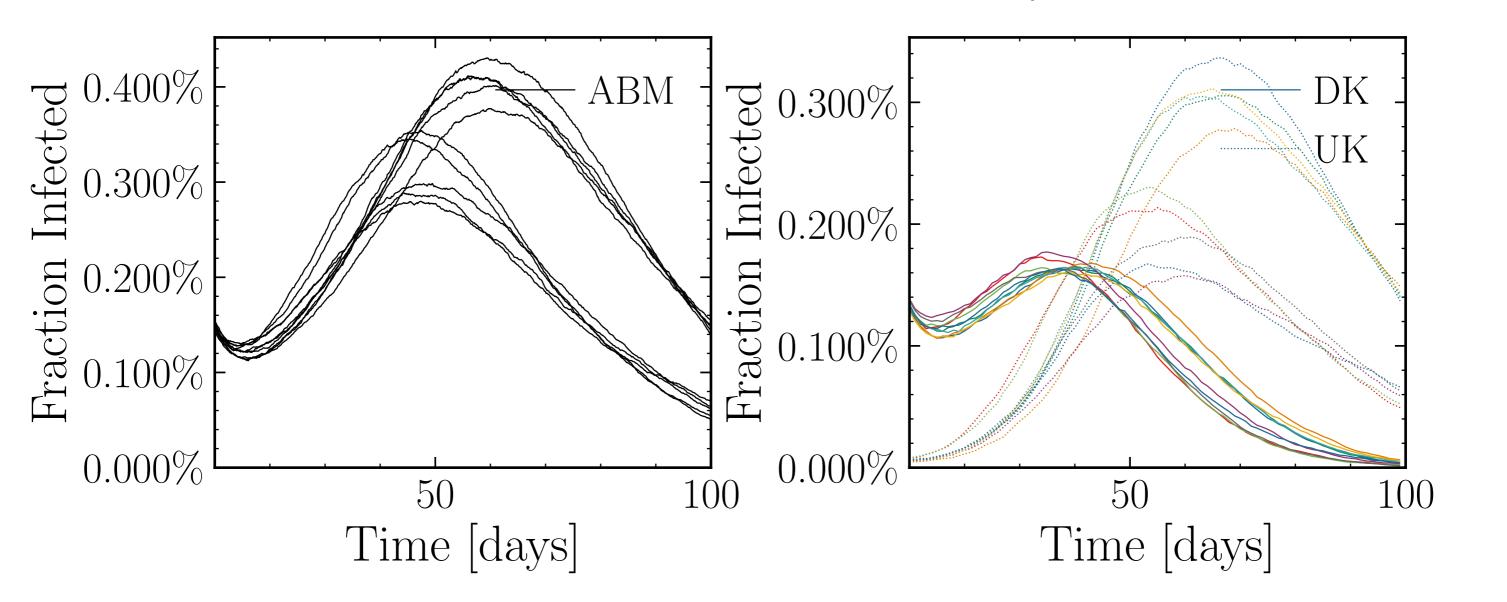
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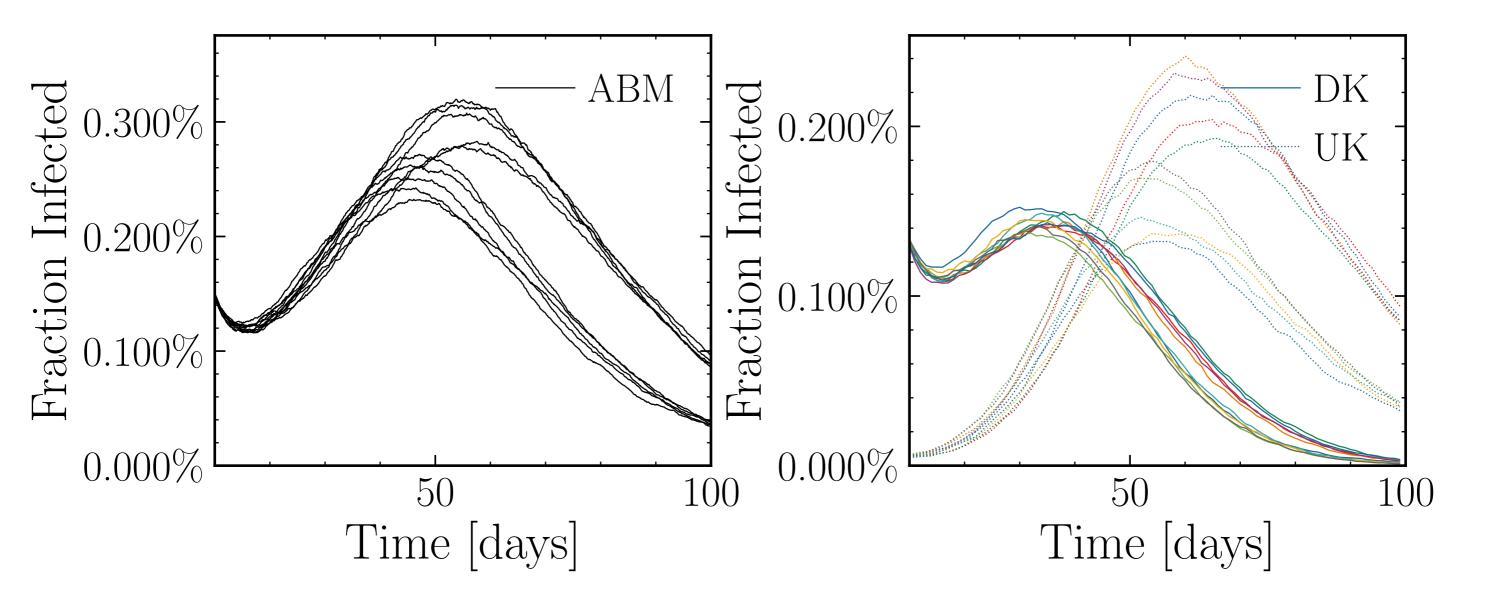
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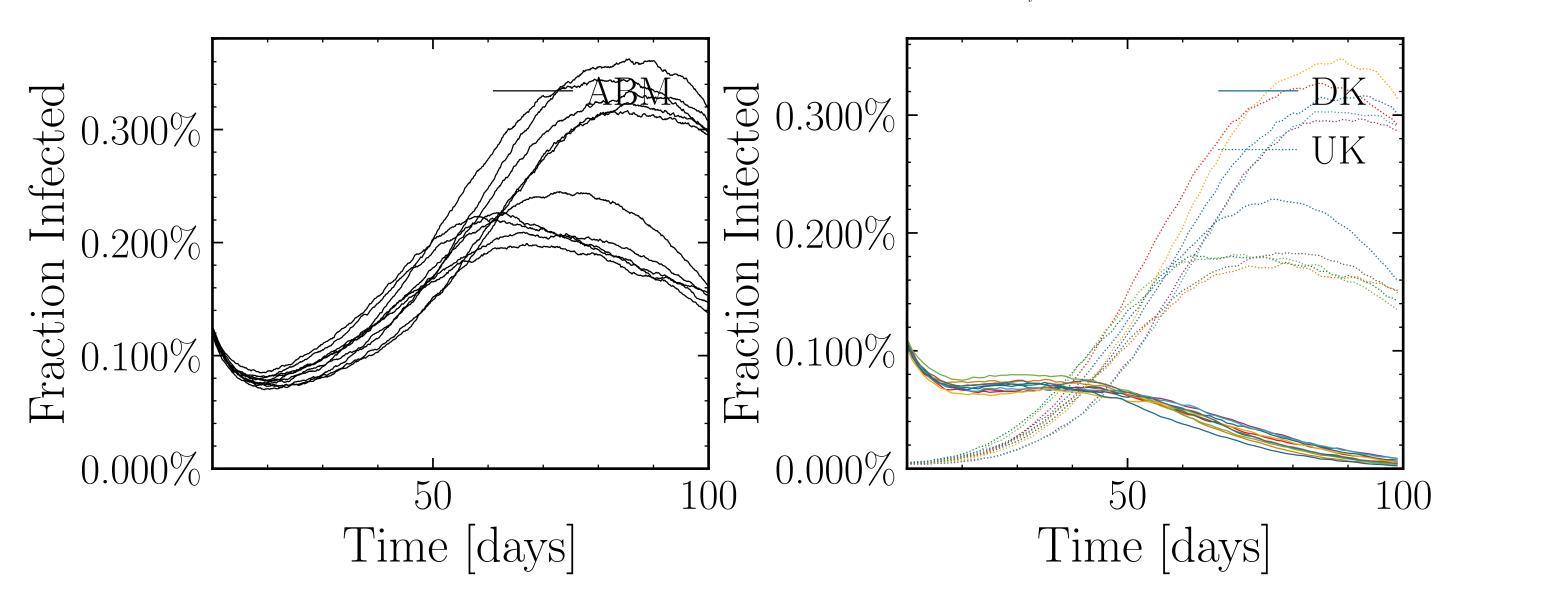
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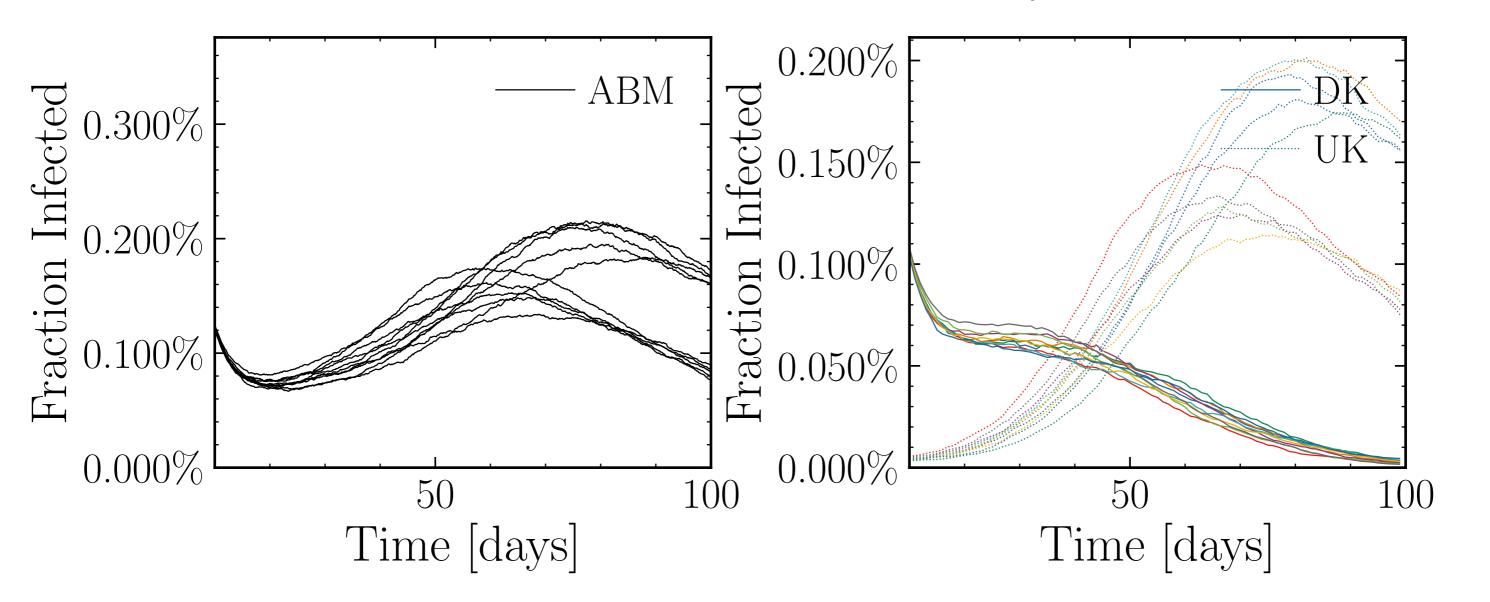
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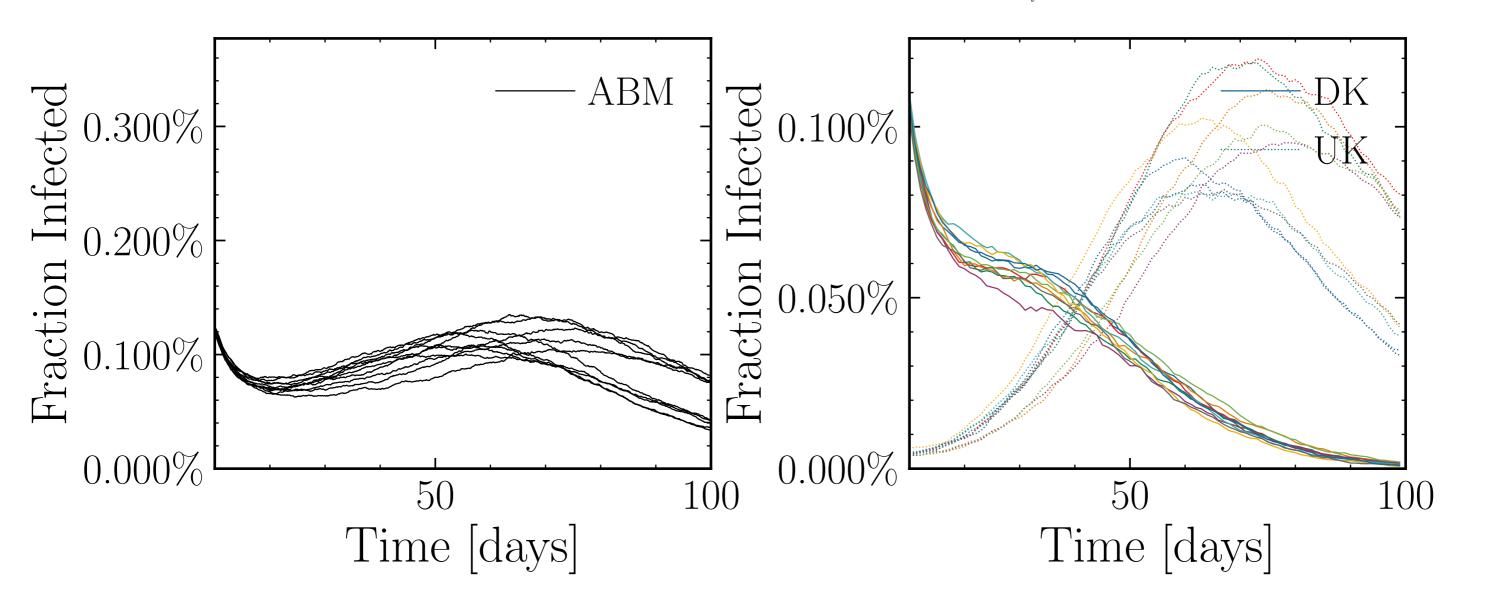
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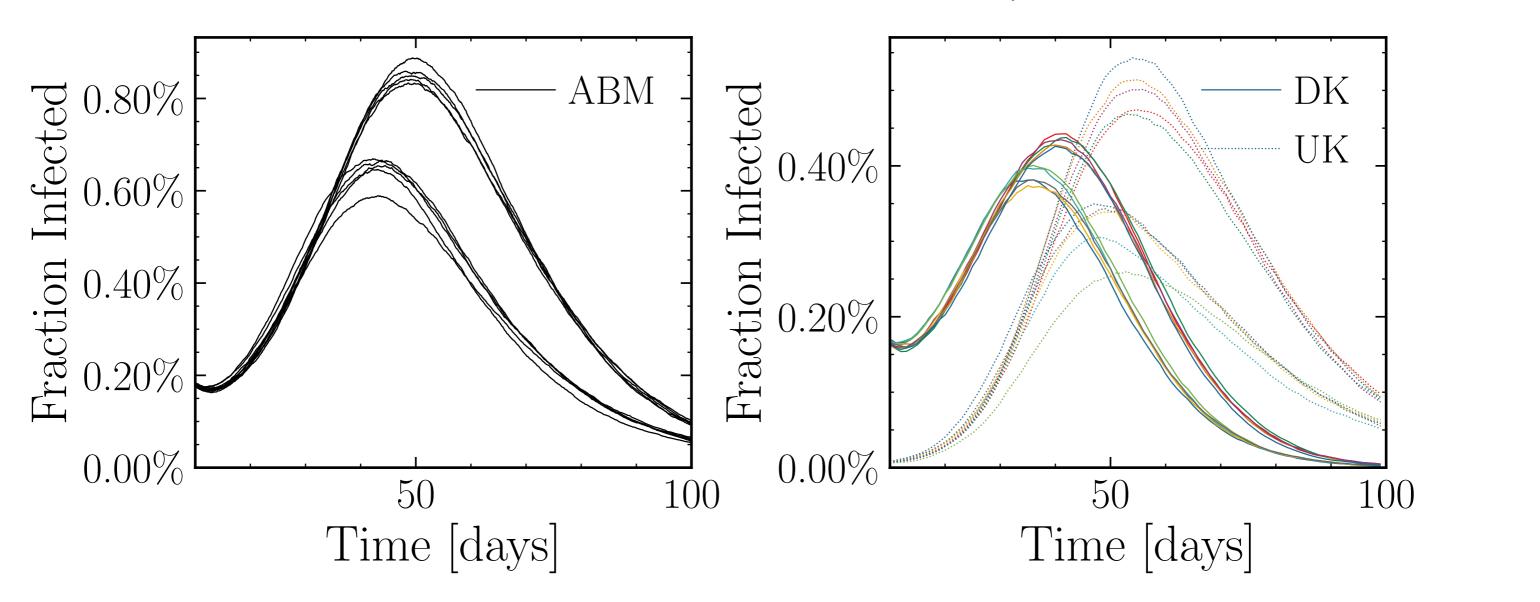
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 12.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



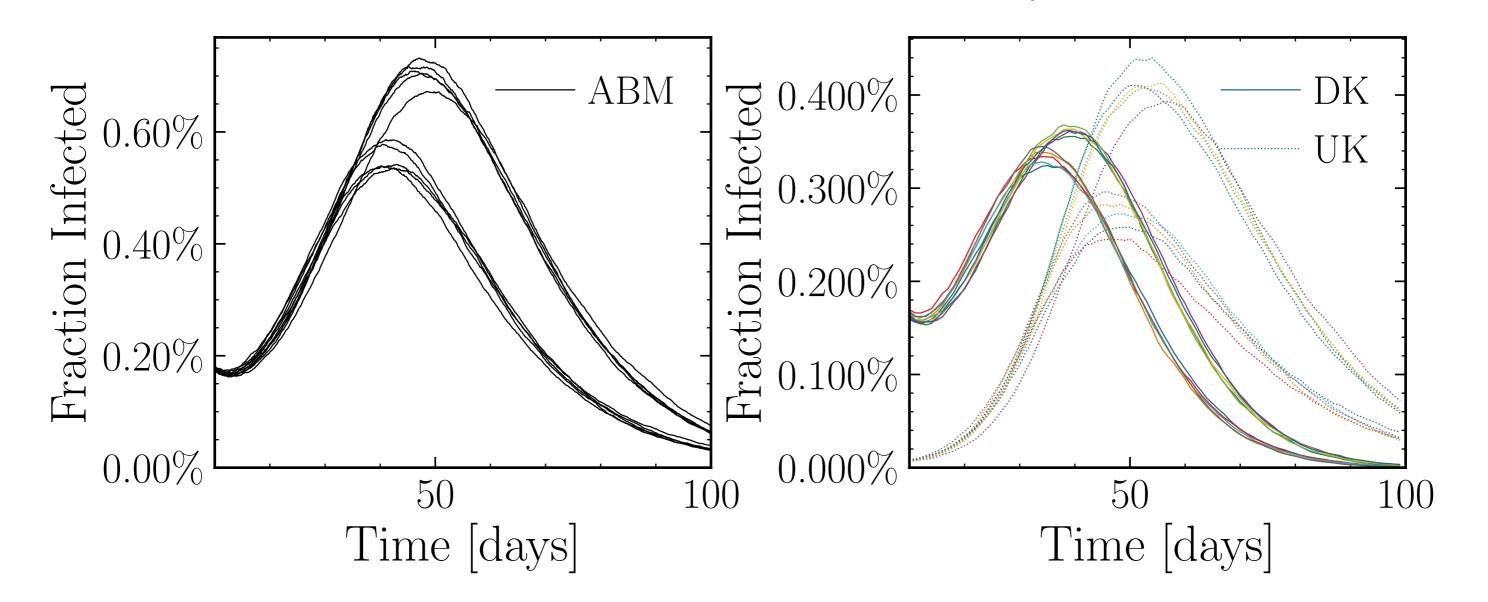
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 12.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 20000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



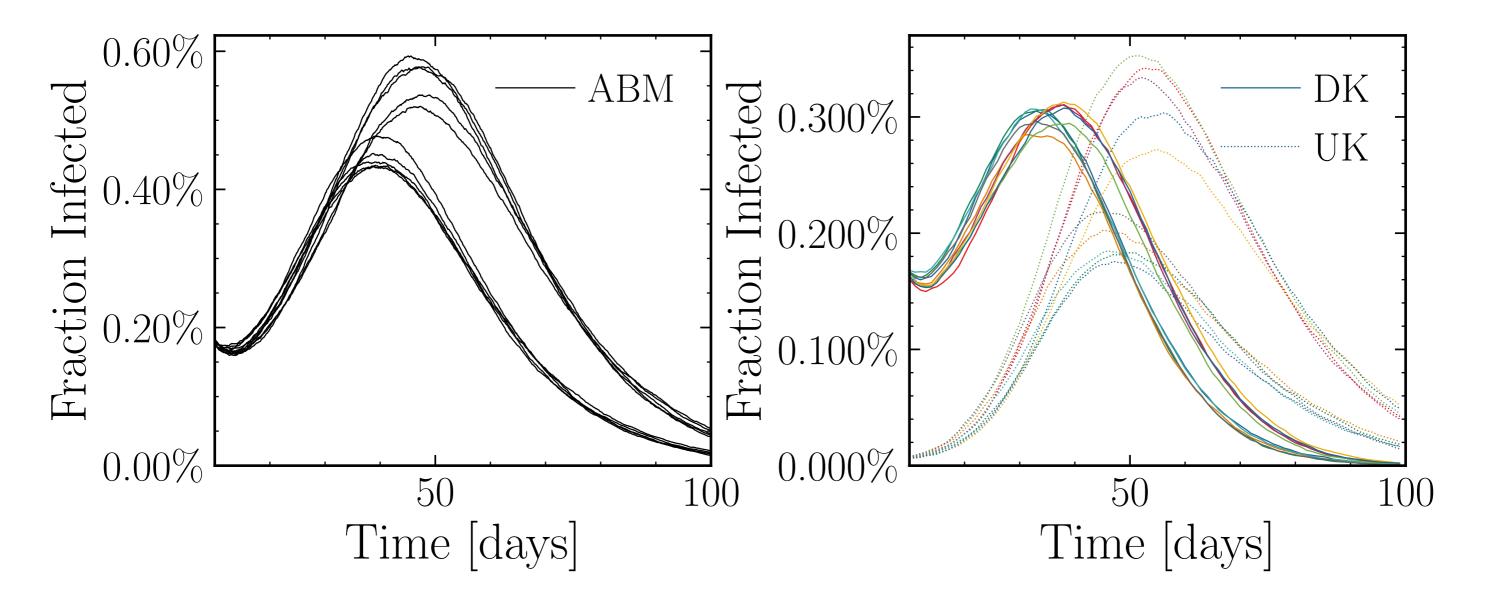
 $N_{\rm tot} = 5.8M, \, \rho = 0.1, \, \epsilon_{\rho} = 0.04, \, \mu = 12.0, \, \sigma_{\mu} = 0.2, \, \beta = 0.006, \, \sigma_{\beta} = 0.0, \, N_{\rm init} = 40K$ $\lambda_E = 1.0, \, \lambda_I = 1.0, \, {\rm rand.inf.} = {\rm True, \, w.rand.inf.} = {\rm True, \, w.rand.inf.} = 0, \, f_{\rm work/other} = 0.95, \, N_{\rm contacts_{max}} = 0, \, N_{\rm init.UK.} = 1000, \, \beta_{\rm UK} = 1.7, \, {\rm outbreak_{\rm UK}} = 1.7, \, {\rm outbreak_{\rm$



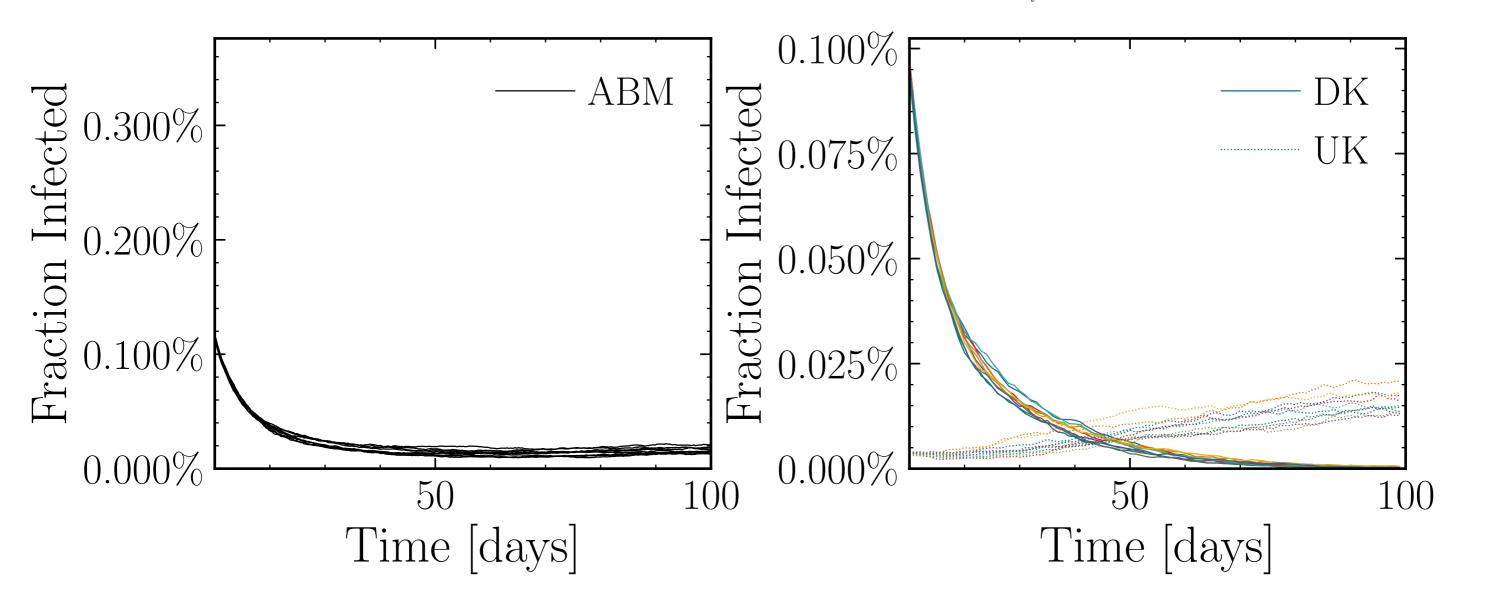
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 12.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{gealing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \#10$



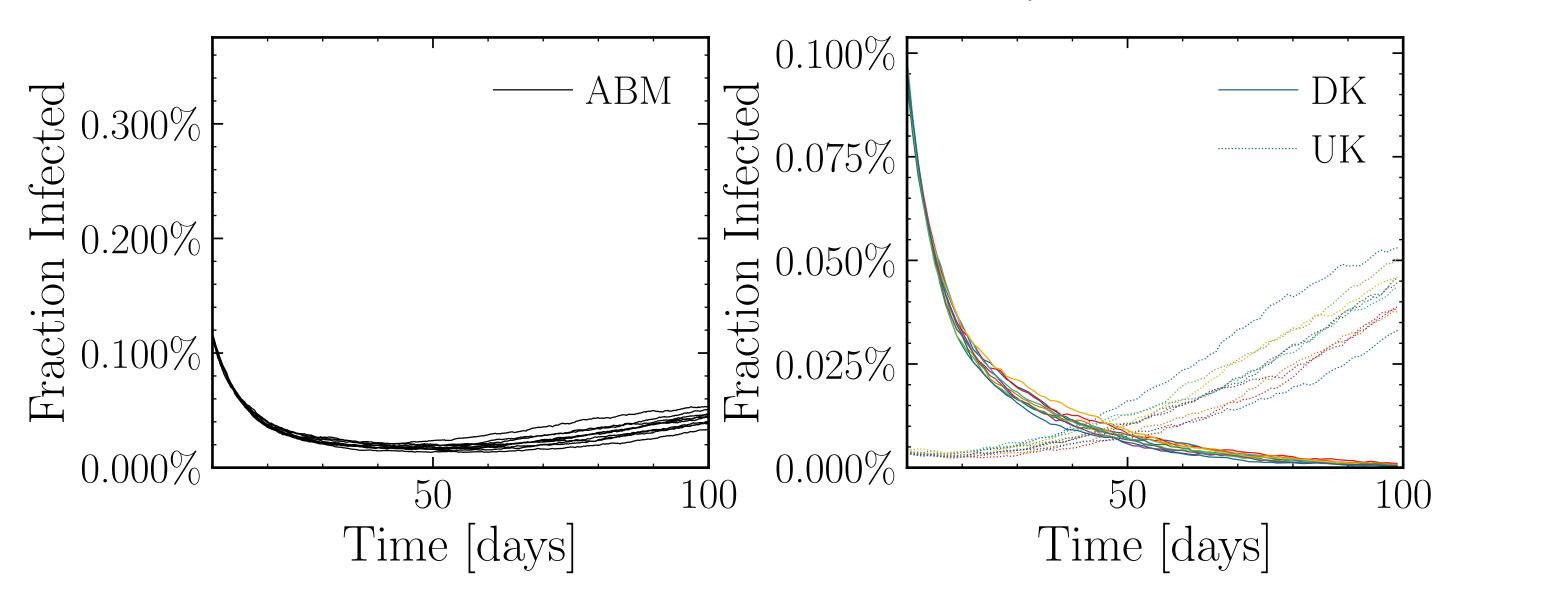
 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 12.0, \ \sigma_{\mu} = 0.2, \ \beta = 0.006, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True, \ W.rand.inf.} = {\rm True, \ N_{\rm retries}^{\rm connect}} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{\rm max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{\rm UK}} = {\rm københavn, \ N_{\rm vaccinations}} = 20000 \ N_{\rm events} = 0, \ {\rm event_{\rm size_{\rm mean}}} = 5.0, \ {\rm event_{\rm bealing}} = 5.0, \ {\rm event_{\rm weekend_{\rm multiplier}}} = 2.0 \ do_{\rm int.} = {\rm False, \ int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5] \ chance_{\rm find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look,back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



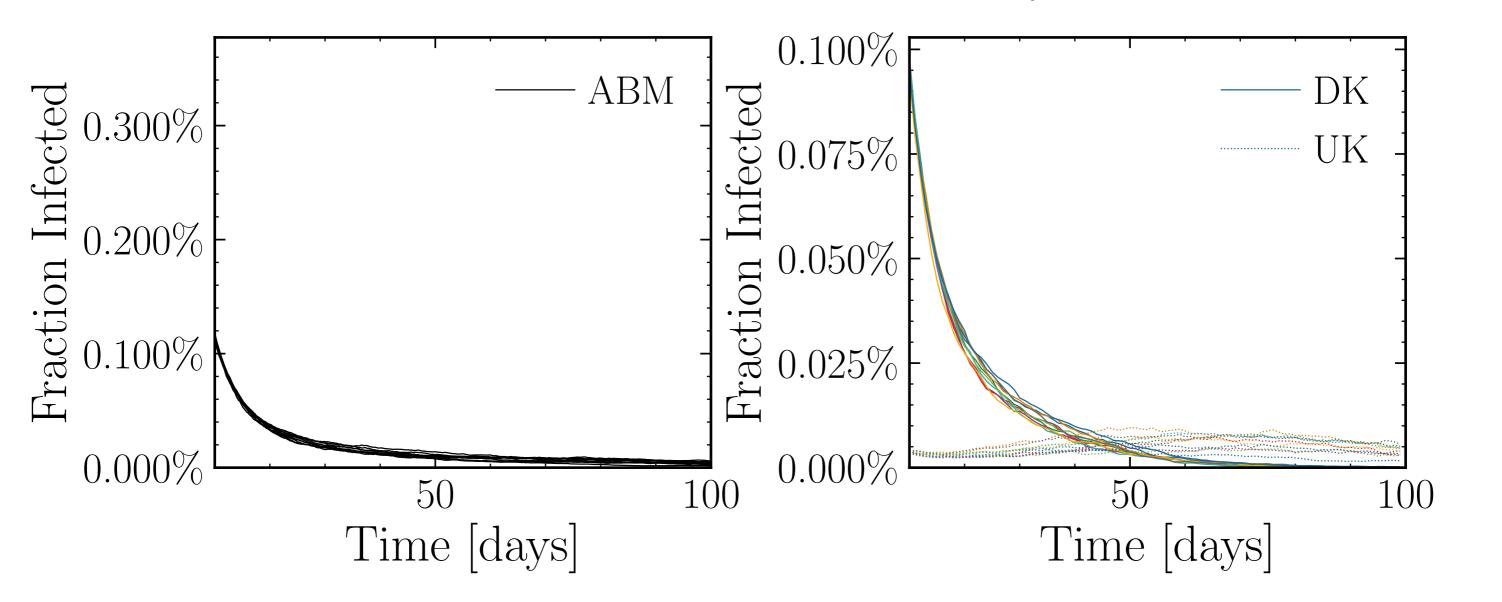
 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 1.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, } \\ N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, } \\ N_{\text{vaccinations}} = 10000$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\beta_{\text{scaling}}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#10$



 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 1.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ \text{outbreak}_{\rm UK} = \text{københavn, N}_{\rm vaccinations} = 0$ $N_{\rm events} = 0, \ \text{event}_{\rm size_{max}} = 10, \ \text{event}_{\rm size_{mean}} = 5.0, \ \text{event}_{\beta_{\rm scaling}} = 5.0, \ \text{event}_{\rm weekend_{multiplier}} = 2.0$ $do_{\rm int.} = \text{False, int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ \text{test}_{\rm delay} = [0, 0, 25], \ \text{result}_{\rm delay} = [5, 10, 5]$ $chance_{\rm find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], \ days_{\rm look.back} = 7, \ \text{tracking}_{\rm delay} = 10, \ \#10$



 $N_{\rm tot} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 1.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ N_{\rm init} = 40K$ $\lambda_E = 1.0, \ \lambda_I = 1.0, \ {\rm rand.inf.} = {\rm True}, \ {\rm W.rand.inf.} = {\rm True}, \ N_{\rm retries}^{\rm connect} = 0, \ f_{\rm work/other} = 0.95, \ N_{\rm contacts_{max}} = 0, \ N_{\rm init.UK.} = 1000, \ \beta_{\rm UK} = 1.7, \ {\rm outbreak_{UK}} = {\rm københavn}, \ N_{\rm vaccinations} = 20000$ $N_{\rm events} = 0, \ {\rm event_{\rm size_{max}}} = 10, \ {\rm event_{\rm size_{mean}}} = 5.0, \ {\rm event_{\rm galing}} = 5.0, \ {\rm event_{\rm weekend_{multiplier}}} = 2.0$ ${\rm do_{\rm int.}} = {\rm False}, \ {\rm int.} = [1, 4, 6], \ f_{\rm dailytests} = 0.01, \ {\rm test_{\rm delay}} = [0, 0, 25], \ {\rm result_{\rm delay}} = [5, 10, 5]$ ${\rm chance_{\rm find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ {\rm days_{\rm look.back}} = 7, \ {\rm tracking_{\rm delay}} = 10, \ \#10$



 $N_{\text{tot}} = 5.8M, \ \rho = 0.1, \ \epsilon_{\rho} = 0.04, \ \mu = 8.0, \ \sigma_{\mu} = 1.0, \ \beta = 0.004, \ \sigma_{\beta} = 0.0, \ N_{\text{init}} = 40K$ $\lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \text{rand.inf.} = \text{True, w.rand.inf.} = \text{True, w.rand.inf.} = \text{True, } N_{\text{retries}}^{\text{connect}} = 0, \ f_{\text{work/other}} = 0.95, \ N_{\text{contacts}_{\text{max}}} = 0, \ N_{\text{init.UK.}} = 1000, \ \beta_{\text{UK}} = 1.7, \ \text{outbreak}_{\text{UK}} = \text{københavn, N}_{\text{vaccinations}} = 0$ $N_{\text{events}} = 0, \ \text{event}_{\text{size}_{\text{max}}} = 10, \ \text{event}_{\text{size}_{\text{mean}}} = 5.0, \ \text{event}_{\text{galing}} = 5.0, \ \text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$ $\text{do}_{\text{int.}} = \text{False, int.} = [1, 4, 6], \ f_{\text{dailytests}} = 0.01, \ \text{test}_{\text{delay}} = [0, 0, 25], \ \text{result}_{\text{delay}} = [5, 10, 5]$ $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0], \ \text{days}_{\text{look.back}} = 7, \ \text{tracking}_{\text{delay}} = 10, \ \#6$

