SEIR Model Fit beta Е cases 1000 0.6 9000 750 0.4 500 6000 0.2 250 3000 0 0.0 Yar NO1 199 tep May POI tep Mai tep Mai NO1 1/34 report_prob R 40000 200000 0.6 30000 150000 Incidence 0.4 20000 100000 0.2 10000 50000 0.0 Sal tep May tep Mai May May tep Mai DOL May PG1 1/34 serop beta 500000 0.4 case_fit data 450000 0.3 400000 0.2 350000 0.1 300000 report_prob 0.0 -250000 Yar feb Mai top May May May My May mi serop_fit Date (Dec 15, 2021 - March 18, 2022)