

SIR Cosine No Immigration

1.0
0.8
0.6
0.4
0.2

SIR Spline No Immigration

1.0
0.8
0.6
0.4
0.2

Color Legend

Simulation Median
(MLE)

Ribbon Legend

95% Simulation Quantiles
(all 2 LL combinations)
95% Simulation Quantiles
(MLE)
Simulation Median
(all 2 LL combinations)

SEIR Spline No Immigration

1.0
0.8
0.6
0.4
0.2

SEIR Spline Immigration

1.0
0.8
0.6
0.4
0.2

Years since Jan 1 1986

$\phi | Z$

