

0.0 -

0 0.8 1.6 2.4 3.2 4 4.8 8 30 70

migration rate

-1.0 -

-1.0

0 0.8 1.6 2.4 3.2 4 4.8 8 30 70

migration rate

0.0

residuals

0.5

1.0

-0.5

0.0

0 0.8 1.6 2.4 3.2 4 4.8 8 30 70

migration rate