## estimated transition probabilities, $p_{ij}$ [%], since 1800 0.2 0.1 0.0 0.0 0.9 0.2 0.6 0.2 0.0 0.1 0.4 0.1 1.0 0.4 0.2 0.2 0.0 0.6 1.0 0.0 0.2 0.2 0.4 0.7 0.3 0.4 0.3 0.3 0.2 0.6 92.8 2.0 0.8 0.8 0.3 0.1 0.1 0.1 0.0 0.0 0.0 0.5 91.4 1.0 0.7 0.3 0.4 0.4 0.4 0.0 0.1 0.5 0.3 0.7 87.6 2.0 0.8 0.3 1.5 0.5 2.1 0.8 0.3 0.4 0.4 0.1 1.0 89.4 1.0 1.0 0.6 0.3 1.3 91.0 0.8 0.8 0.4 0.3 0.3 0.4 0.3 1.2 0.8 0.8 0.4 0.0 0.6 1.1 0.8 2.2 0.0 1.1 1.1 81.1 3.4 0.4 2.6 0.4 0.8 0.4 1.3 0.4 0.4 0.8 0.4 1.1 87.5 1.3 0.6 1.5 0.8 0.4 0.3 2.0 0.5 1.3 0.8 2.5 1.5 1.3 78.0 1.5 1.5 0.0 0.4 1.0 0.2 88.9 1.2 1.2 1.2 0.8 0.4 1.6 0.0 0.0 0.6 0.4 0.6 1.2 1.2 0.9 0.3 85.2 2.0 2.6 0.6 0.0 0.6 0.6 0.6 0.0 0.0 0.4 1.1 2.9 0.0 83.6 0.0 0.4 1.1 0.0 0.4 0.4 1.1 1.1 3.2 2.5 1.1 0.4 0.4 0.0 0.0 0.0 0.0 0.9 0.5 0.2 0.3 0.0 0.6 0.9 0.2 0.3 90.6 1.8 0.9 1.1 0.5 0.3 0.2 0.2 84.9 0.2 0.8 0.6 0.2 0.8 0.8 0.6 0.8 2.0 0.2 0.0 0.8 0.0 0.8 1.4 0.2 0.2 0.0 0.4 സ – 0.5 0.0 0.5 0.5 0.5 0.7 0.0 0.0 0.7 0.2 0.0 0.5 87.3 0.0 0.0 2.0 2.2 0.0 0.0 0.4 9 – 0.2 0.0 0.2 0.0 0.7 0.2 0.0 0.2 0.0 1.1 0.0 0.0 0.2 0.2 0.6 0.4 1.1 88.8 4.1 0.2 0.0 0.1 0.0 0.1 0.4 0.5 0.0 0.0 0.1 1.3 0.0 0.5 0.0 0.3 0.1 0.1 0.0 0.4 91.8 1.4 $\infty$ – 0.0 0.5 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.3 0.0 0.3 0.0 0.0 0.2 1.0 94.3 3.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 99.3 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 -5 -1 7 -3 2 5 -8 -10 -9 -6 -2 0 10 3 4 8 6 9 to state *j*