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Russia

Matrix of transition
probabilities between a set
of states/

$$X_n = x_0 P^n$$

Equilibrium between states

$$P = \begin{bmatrix} 0.9 & 0.075 & 0.025 \\ 0.15 & 0.8 & 0.05 \\ 0.25 & 0.25 & 0.5 \end{bmatrix}.$$

Markov chains

