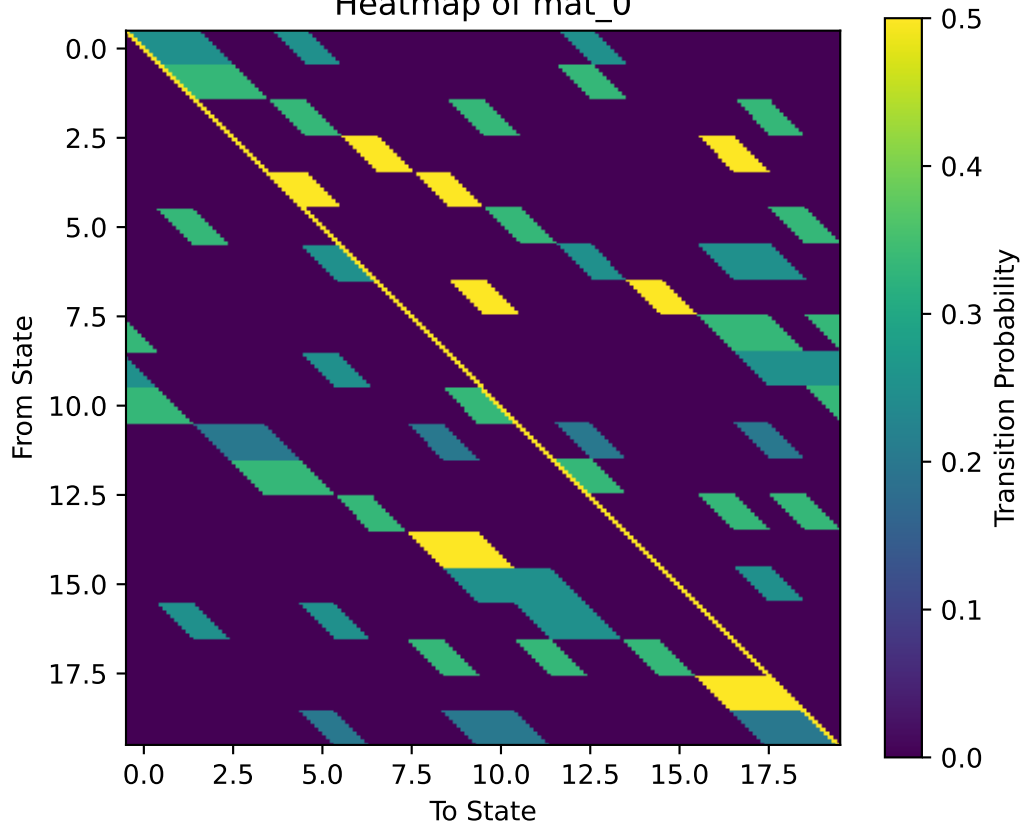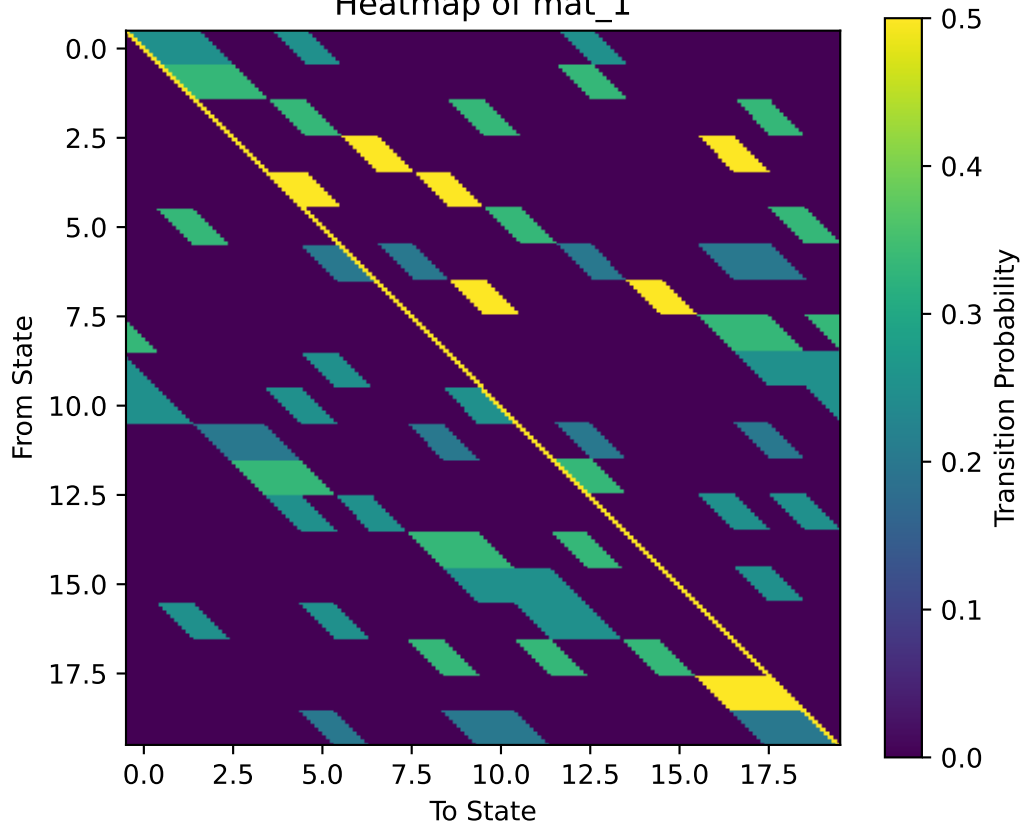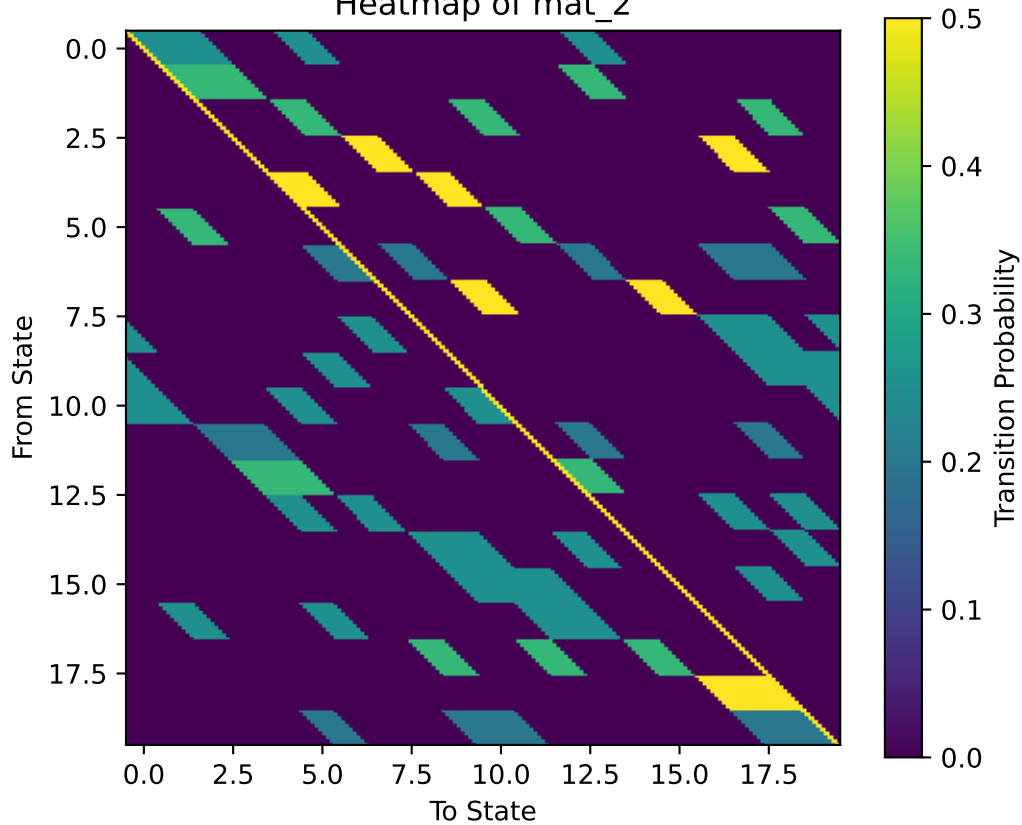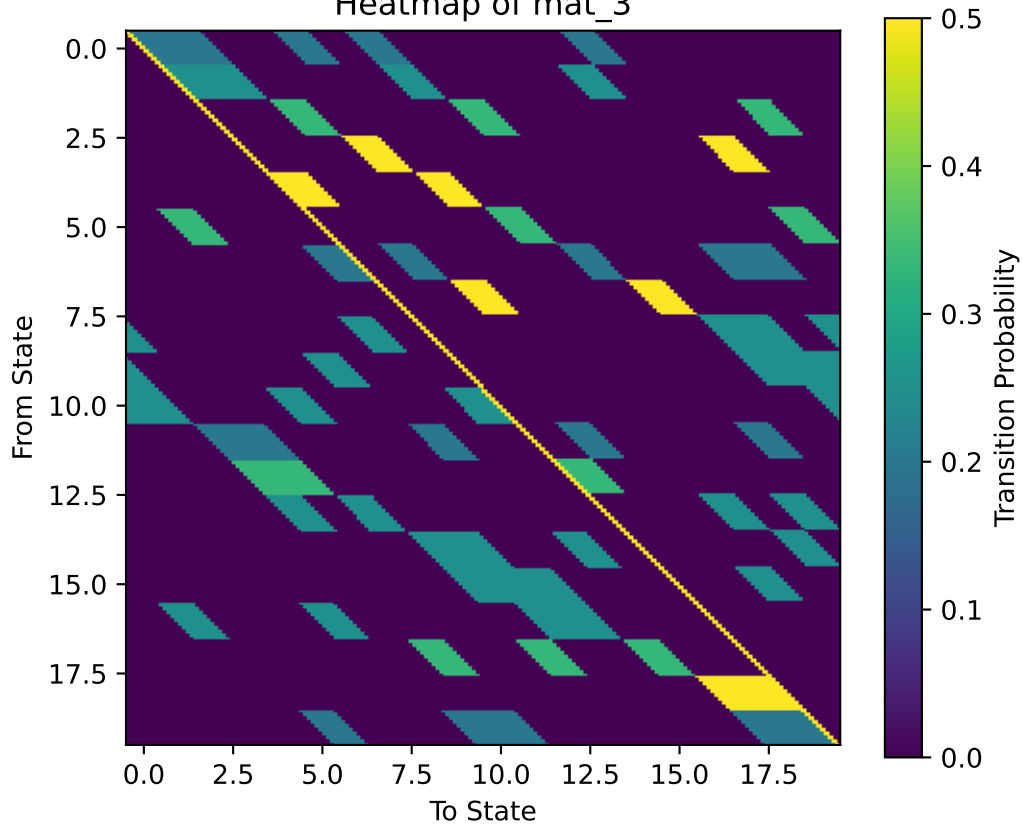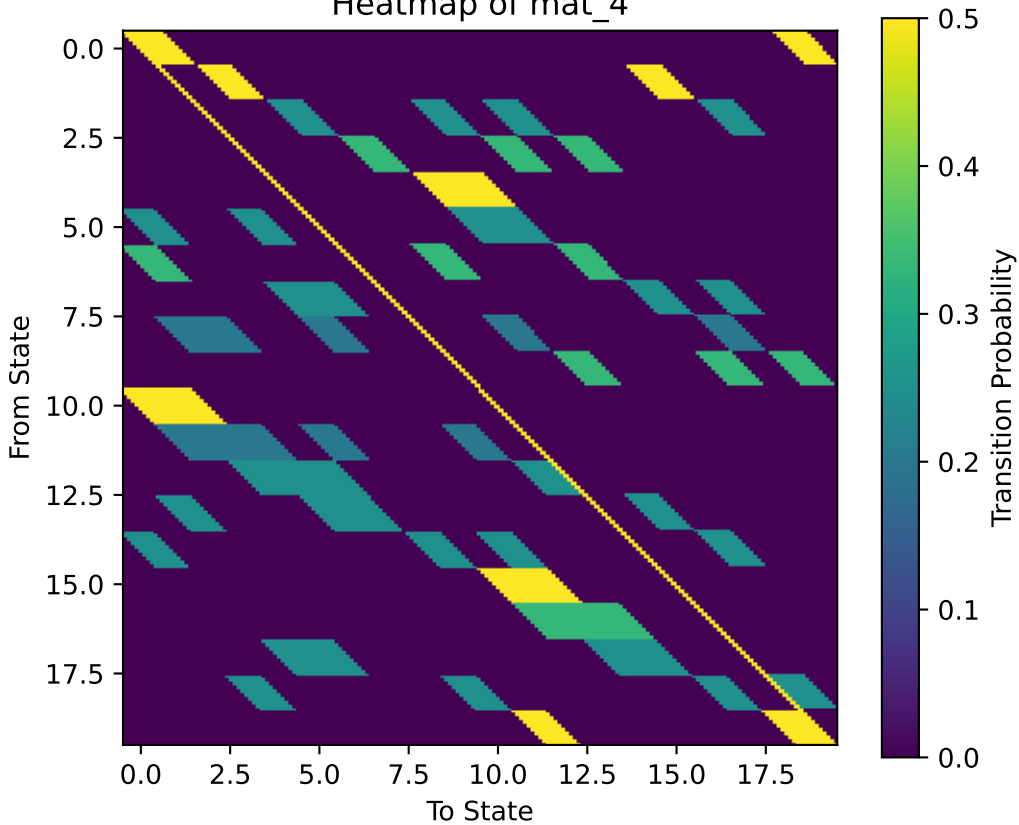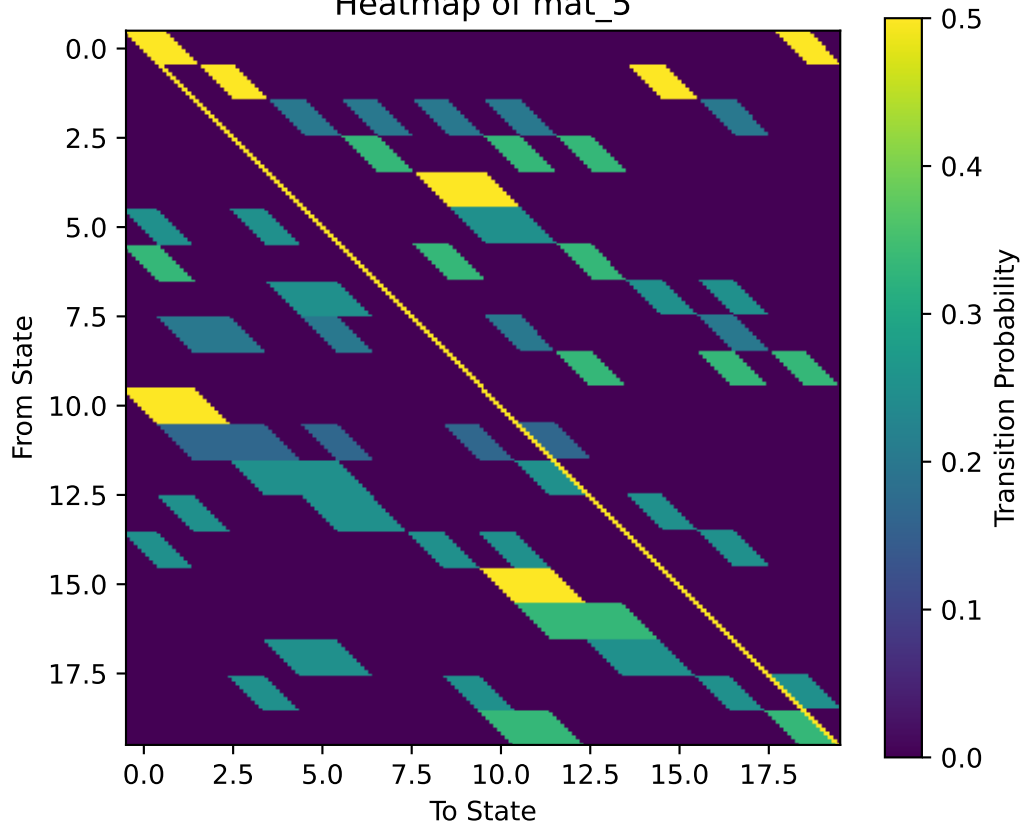Heatmap of mat_0

Heatmap of mat_1
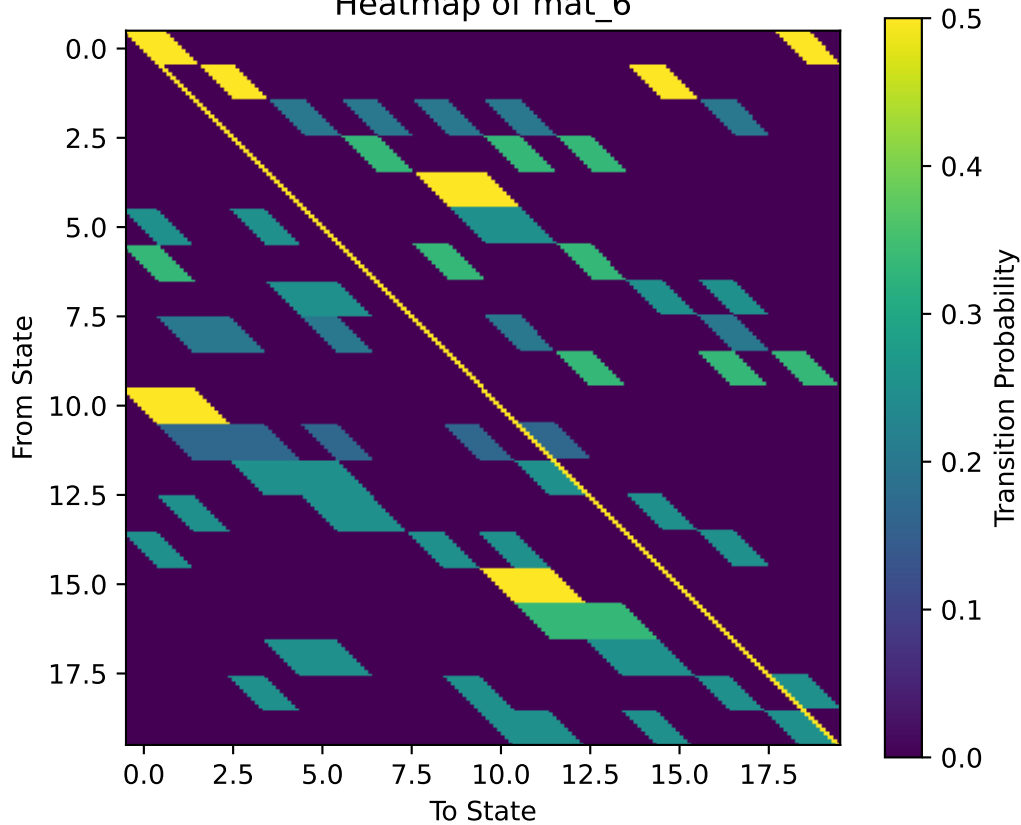
Heatmap of mat_2

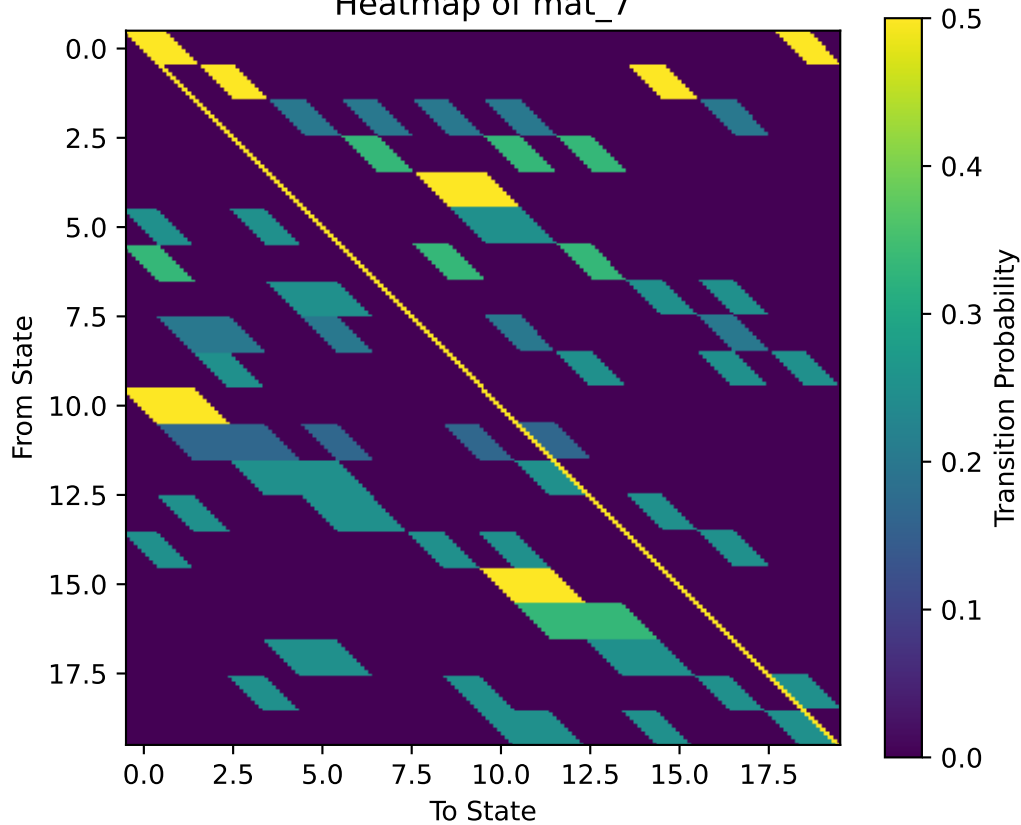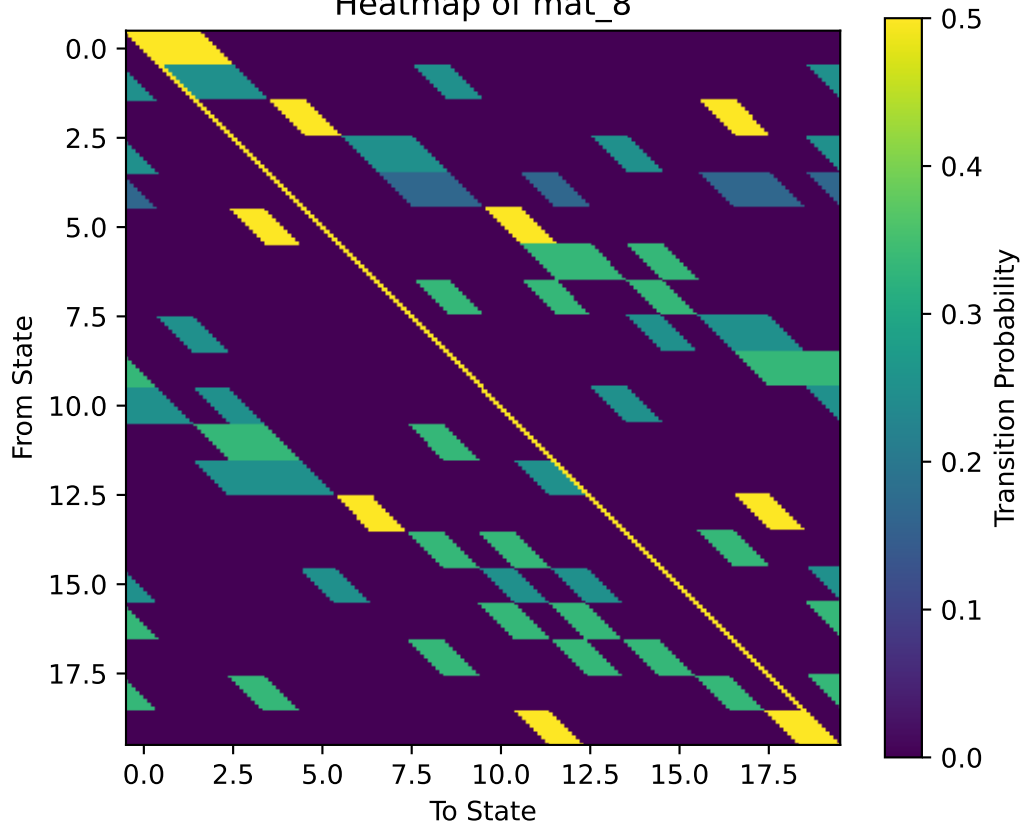Heatmap of mat_3

Heatmap of mat_4

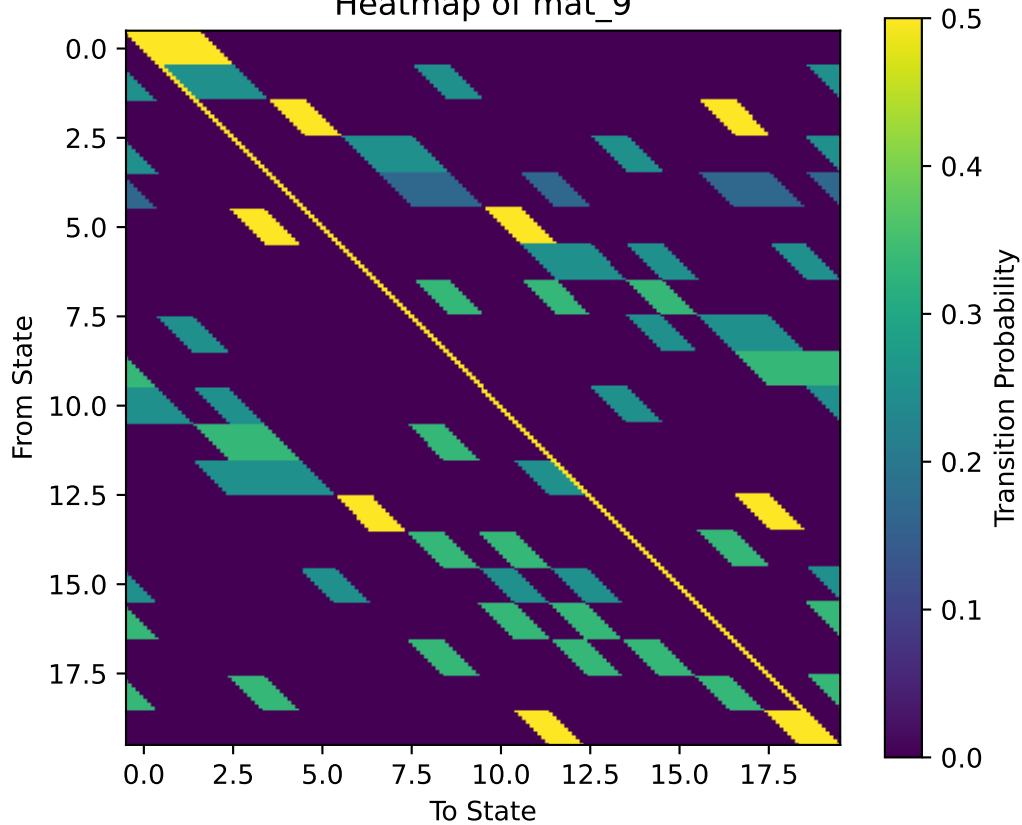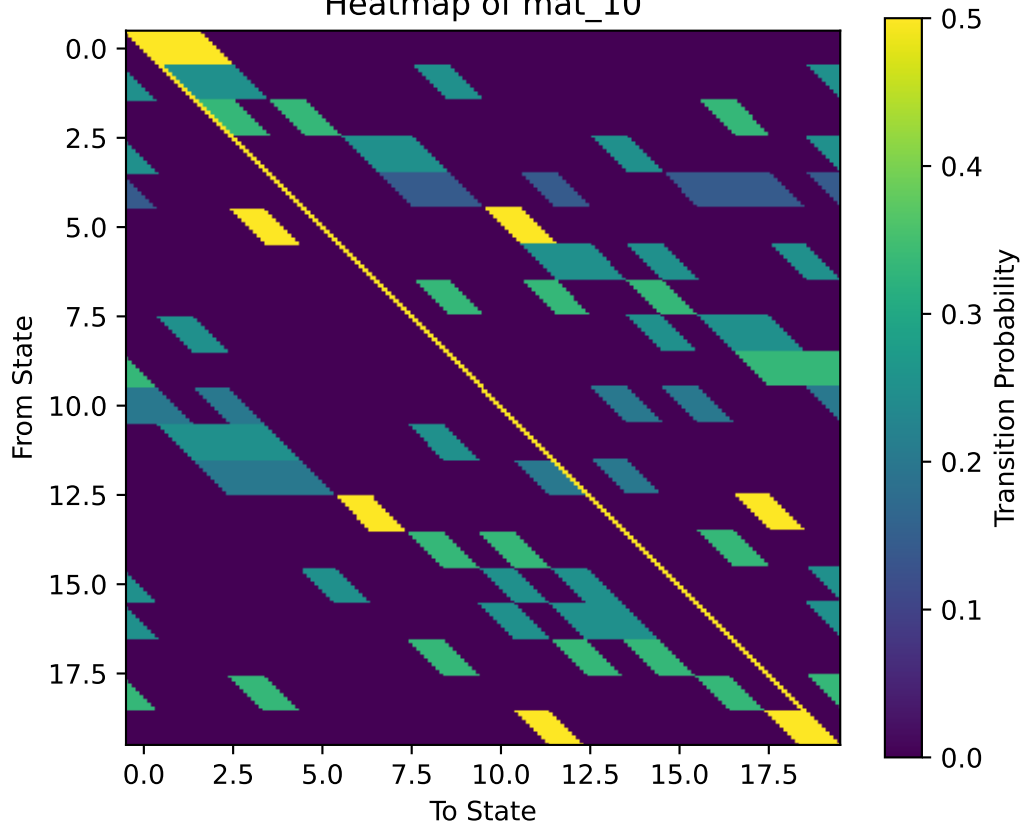Heatmap of mat_5

Heatmap of mat_6

Heatmap of mat_7

Heatmap of mat_8

Heatmap of mat_9

Heatmap of mat_10

Heatmap of mat_11