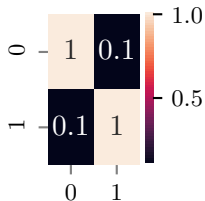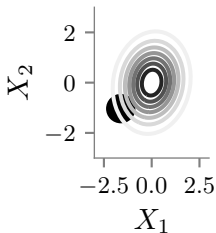# Random state = 3

Covariance Matrix

Contour of pdf

Visualising the point