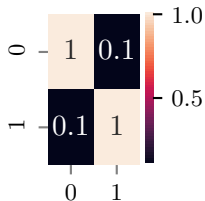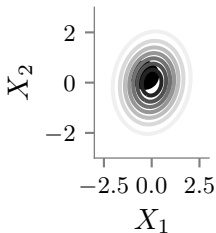# Random state = 4

Covariance Matrix

Contour of pdf

Visualising the point