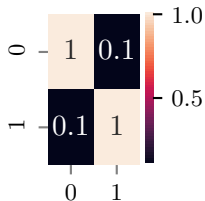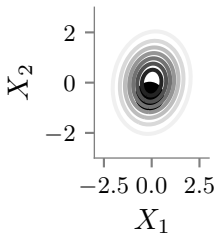# Random state = 5

Covariance Matrix

Contour of pdf

Visualising the point