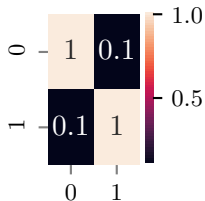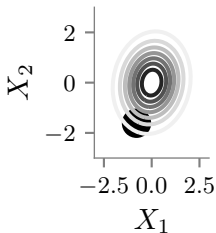# Random state = 1

Covariance Matrix

Contour of pdf

Visualising the point