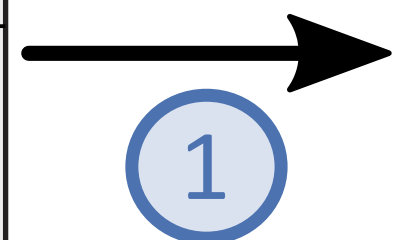
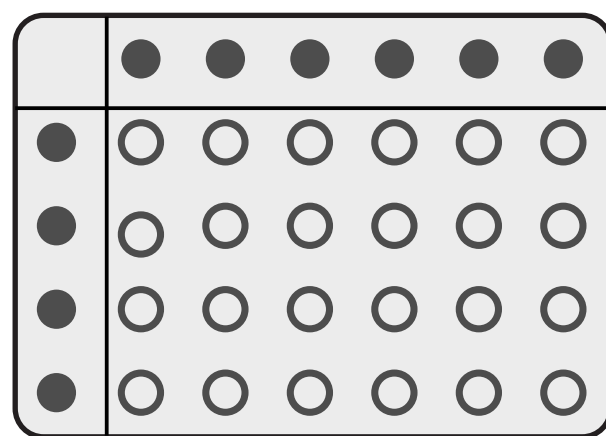
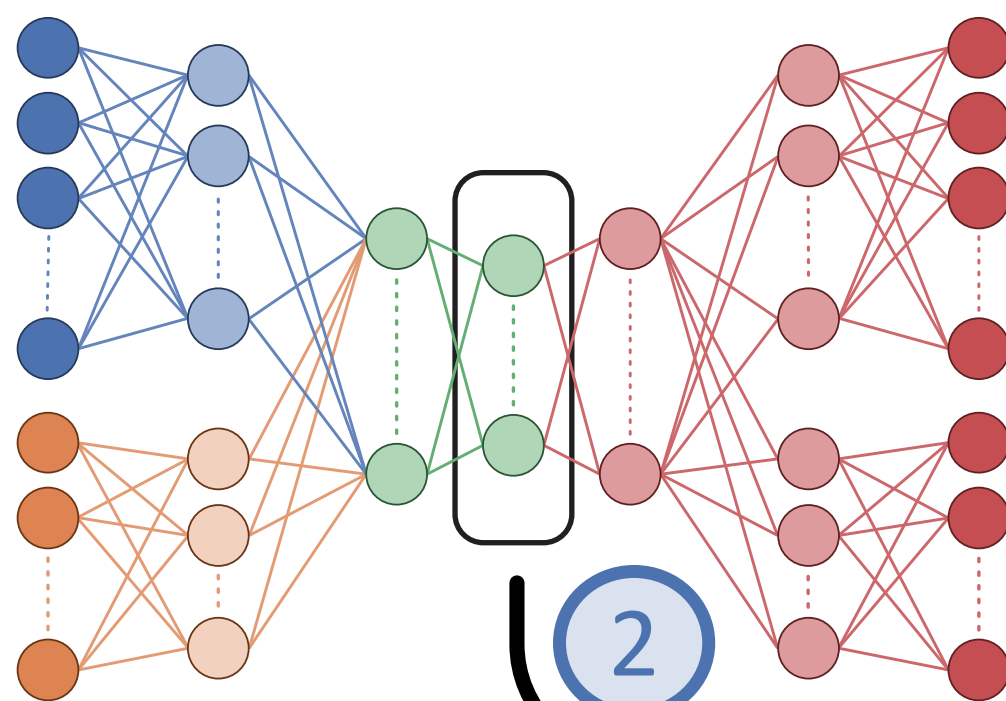


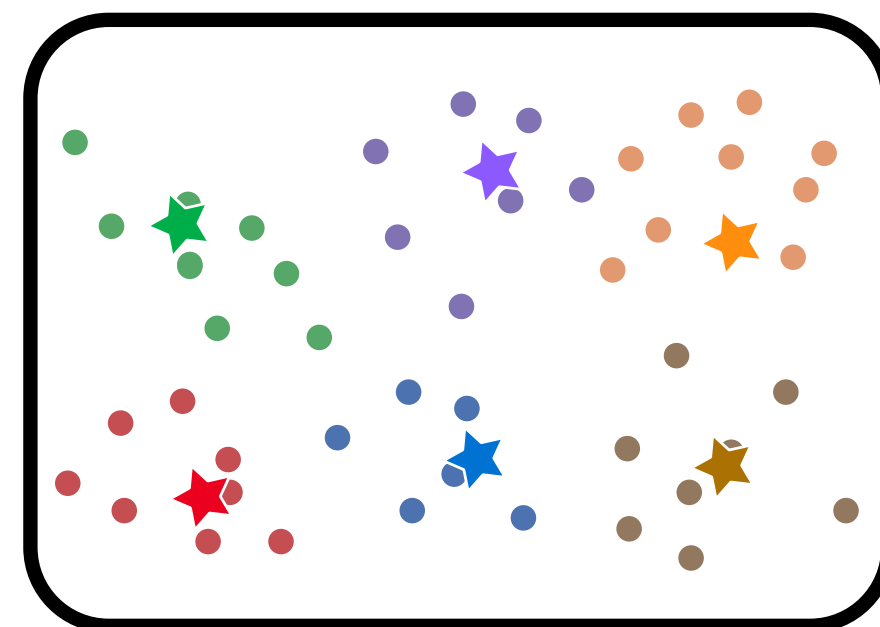
Input dataset



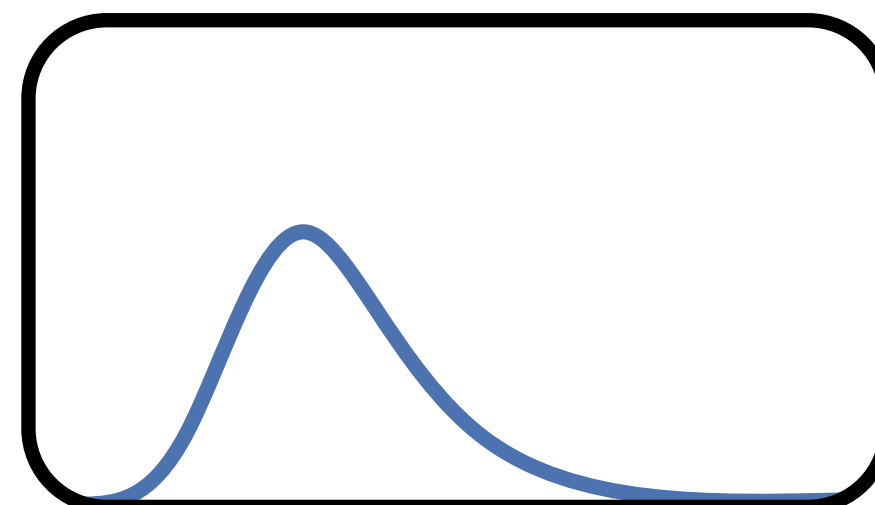
XVAE initialisation



K-means clustering

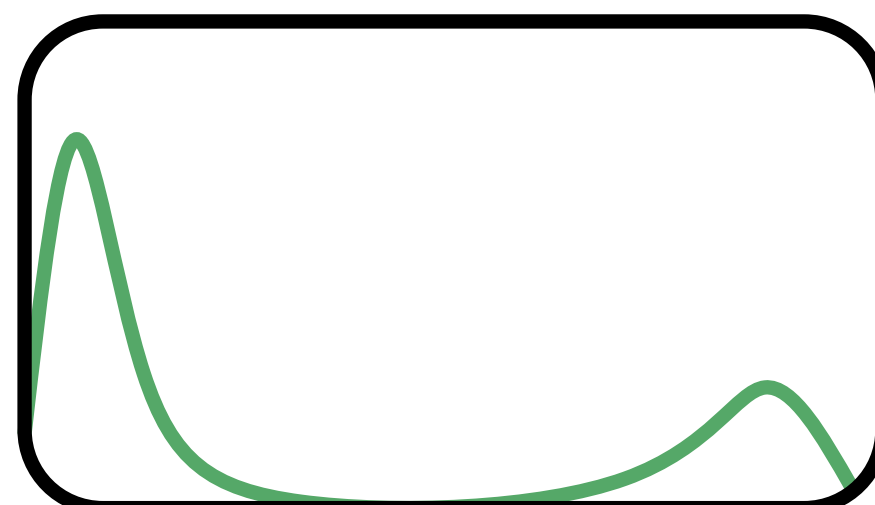


Soft labels



q

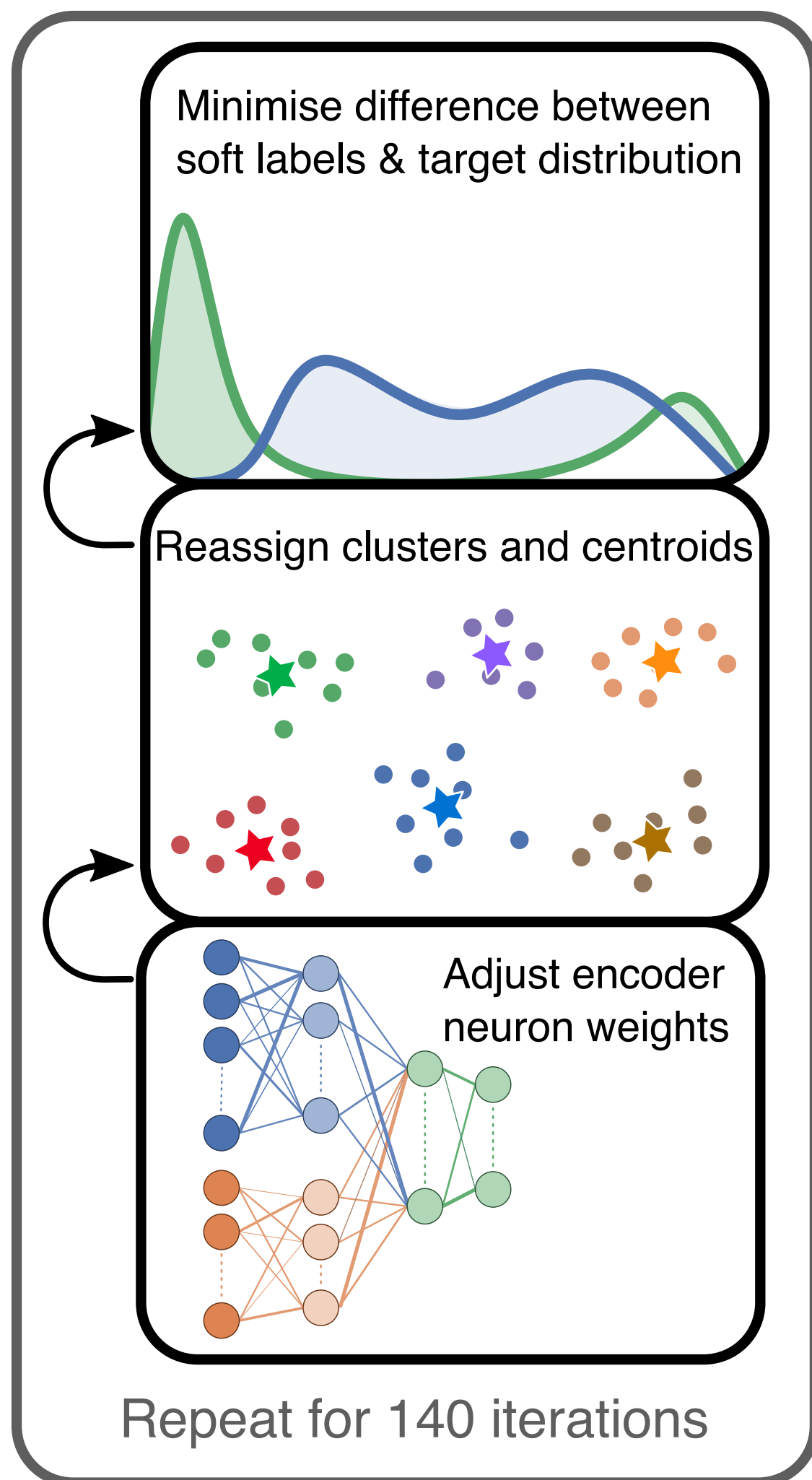
Target distribution



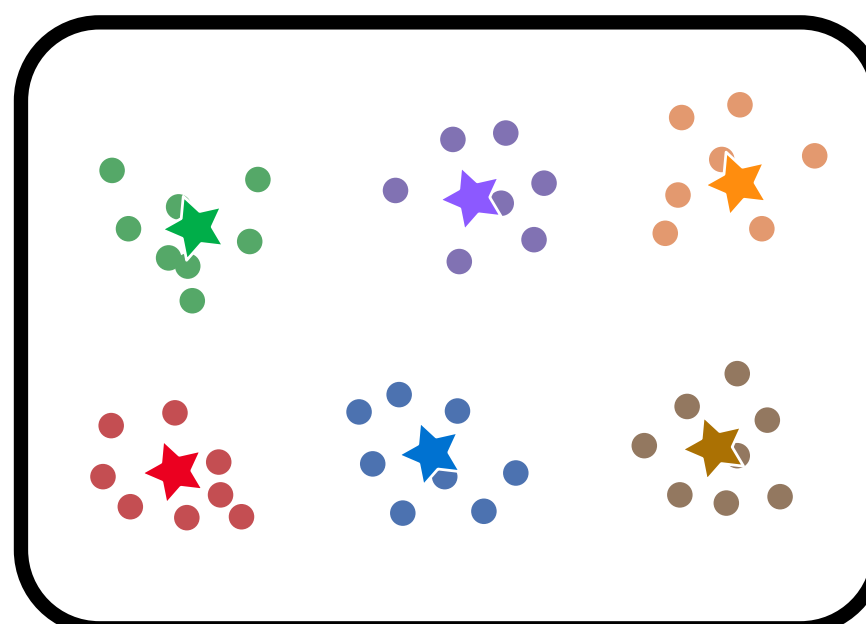
p



Autoencoder optimisation



Final clusters



Optimise XVAE hyperparameters for cluster stability