

Prenotes:

- Outlier finding does not work (ρ/δ)
- Propose $\rho < \text{quantile}(\rho, 0.1) \cap \delta > \text{quantile}(\delta, 0.9)$

Density Estimations:

- Generated data changed. N_c depends on area of cell
- Estimated Modes changed. Now look until density starts to drop

Clustering:

- Pipeline done (with euclidean distance)
- Did the entire process on larger GMM dataset
- How should we validate the result

Problems:

- Too slow with too large dataset
- Even discretize might be an issue
- How to choose k?