Privacy guarantees
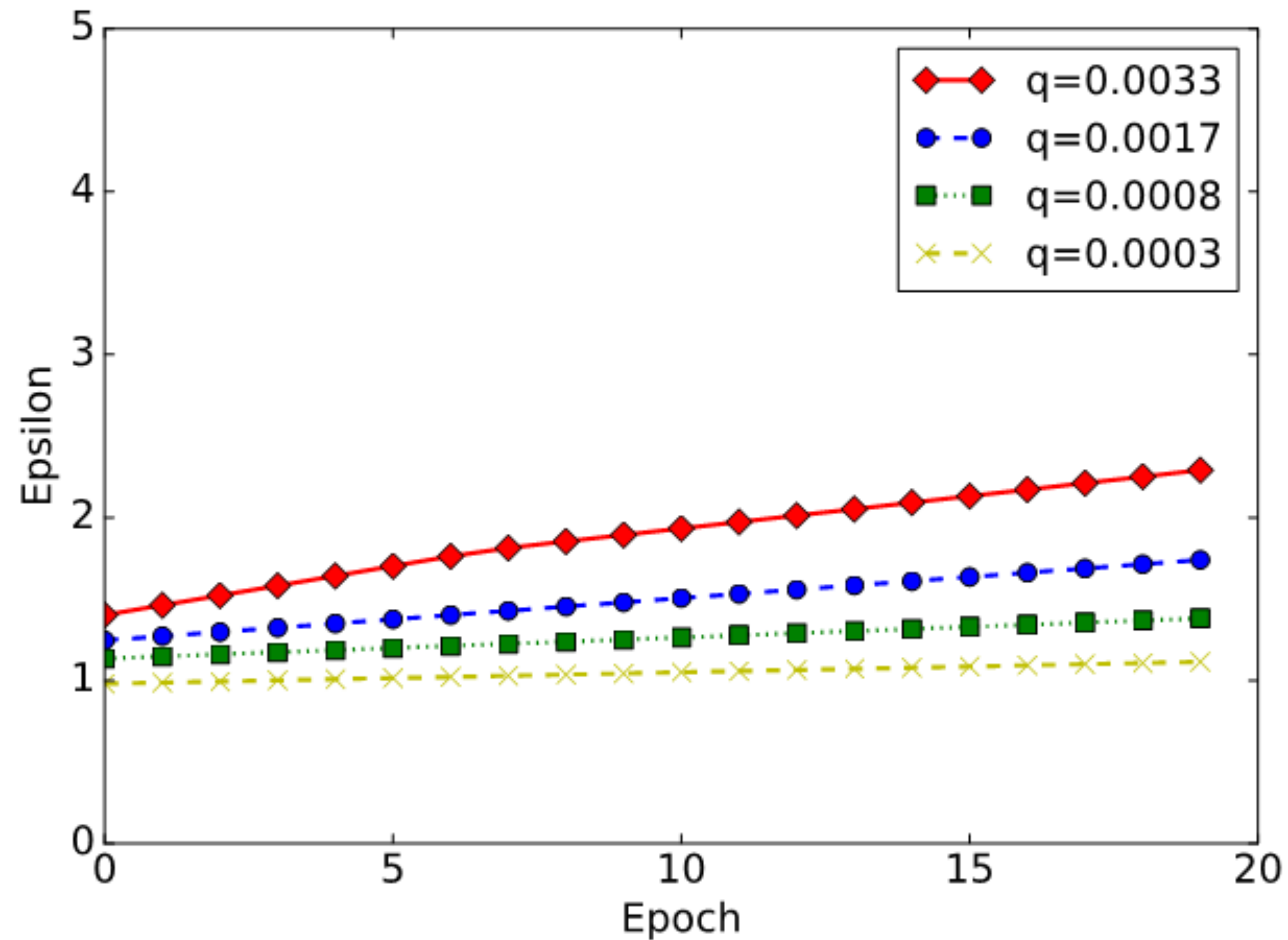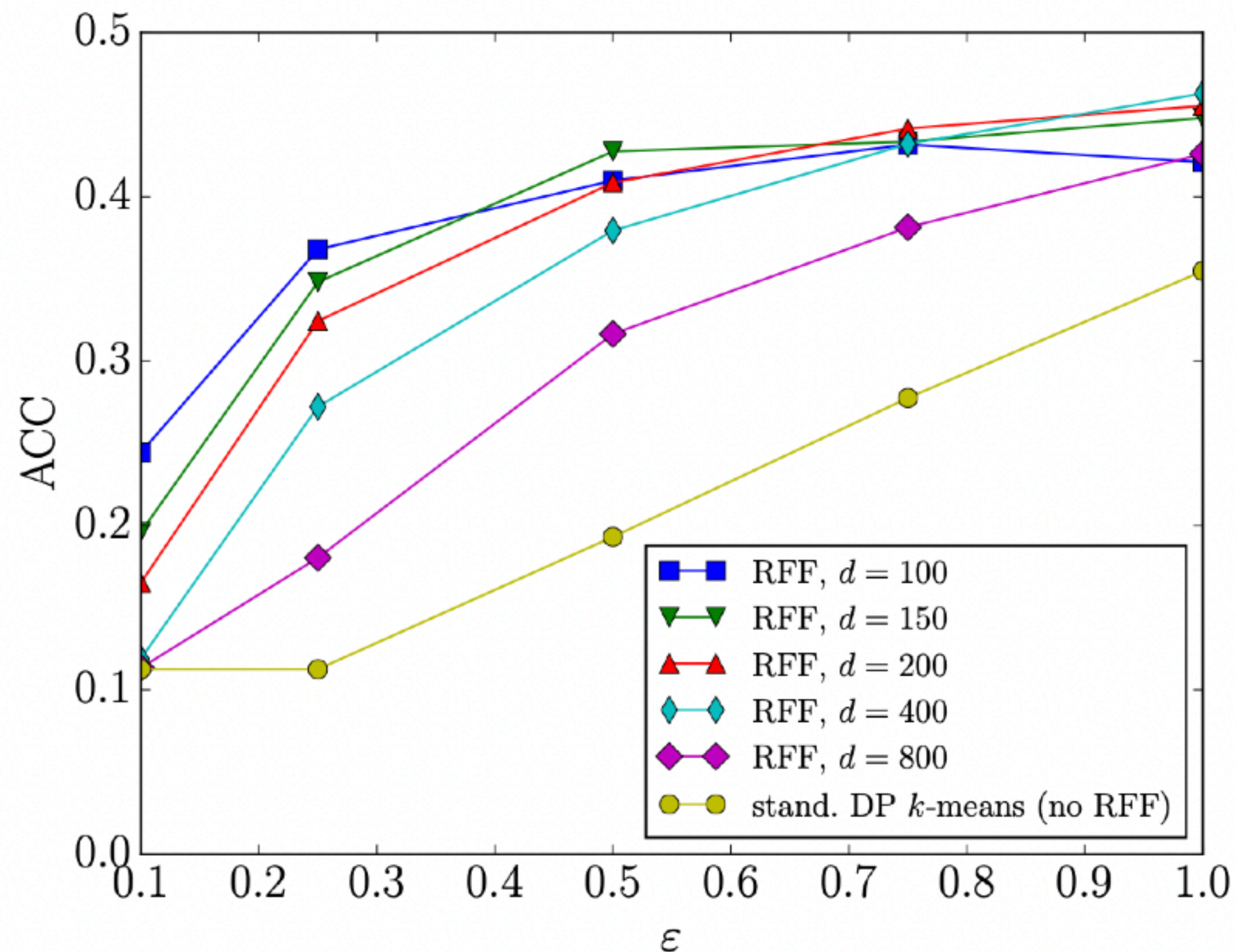

Sampling probability

$$q = \frac{batch\ size}{|Dataset|}$$

Clustering Accuracy

Clustering accuracy as a function of ε on MNIST

Unsupervised Clustering Accuracy (ACC):

$$max_u \frac{|\{x : x \in D, \text{label}(x)=u(K(x))\}|}{|D|}$$

- •K(x) clustering assignment
- •u(y) mapping assignment/label
- •label(x) ground truth label of x