HW16 M11

Answer (for reference only)

1.

(a) One-side holdout:

Pros: Simple. Apply in the model that design-time computation(need to train for a long time) load is high.

Cons: The result is highly affected by data partitioning.

(b) Leave-one-out Cross Validation:

Pros: Better usage of the dataset, it's more objective.

Cons: Computation load is very high. Too slow.

2.

It has no standard answer. Please take the link below for reference.

https://mirlab.org/jang/books/dcpr/rreRecogRateEstimate.asp?title=6-2%20Methods%20for%20Recognition%20Rate%20Estimate%20(%BF%EB%C3%D1%B2v%B9w%A6%F4