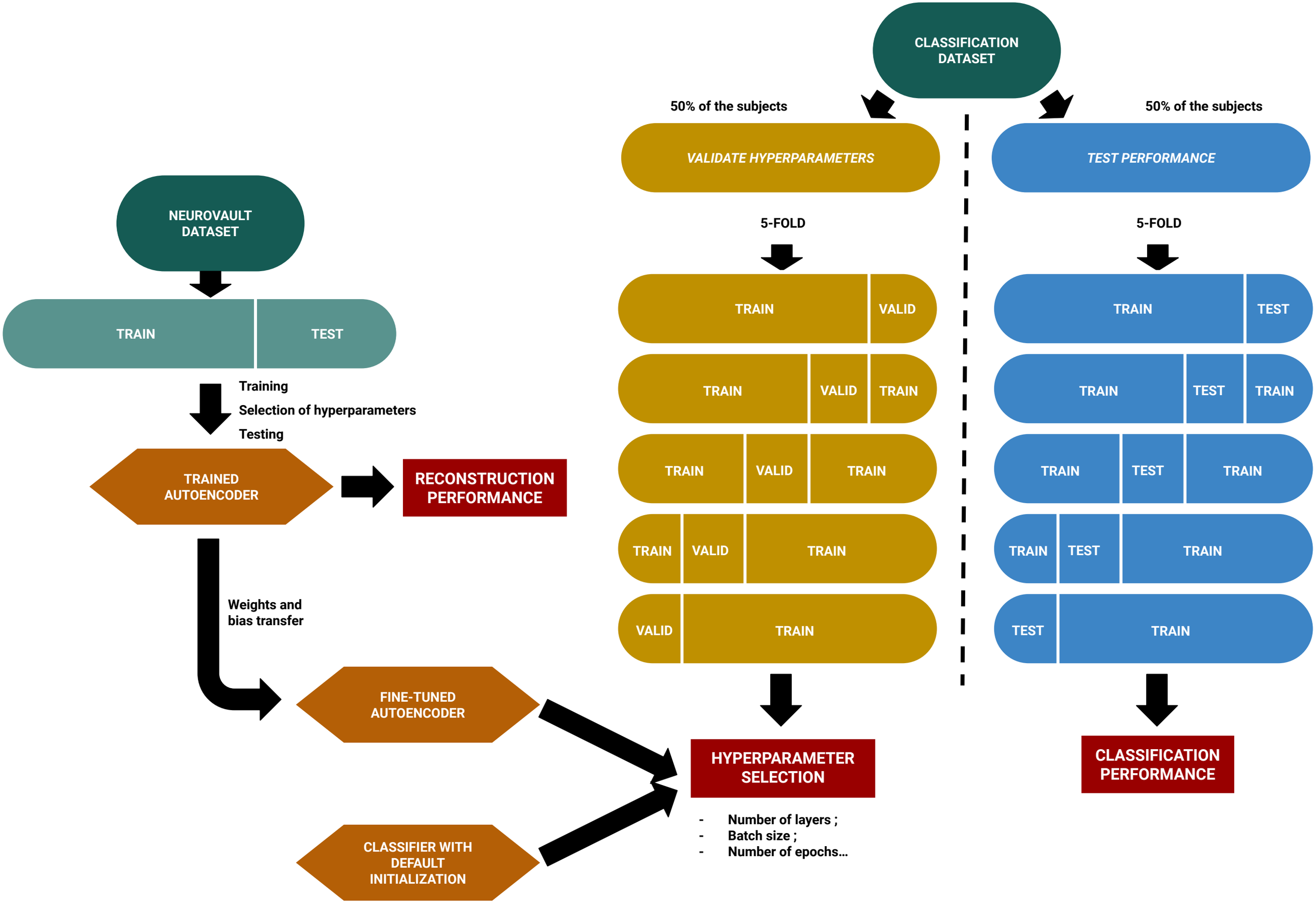
NEUROVAULT DATASET
TRAIN
TEST
Training
Selection of hyperparameters
Testing
TRAINED AUTOENCODER
RECONSTRUCTION PERFORMANCE
Weights and bias transfer
FINE-TUNED AUTOENCODER
CLASSIFIER WITH DEFAULT INITIALIZATION
CLASSIFICATION DATASET
50% of the subjects
VALIDATE HYPERPARAMETERS
5-FOLD
TRAIN
VALID
TRAIN
VALID
TRAIN
TRAIN
VALID
TRAIN
TRAIN
VALID
TRAIN
VALID
TRAIN
HYPERPARAMETER SELECTION
- Number of layers ;
- Batch size ;
- Number of epochs...
50% of the subjects
TEST PERFORMANCE
5-FOLD
TRAIN
TEST
TRAIN
TEST
TRAIN
TRAIN
TEST
TRAIN
TRAIN
TEST
TRAIN
TEST
TRAIN
CLASSIFICATION PERFORMANCE