## The use of ground-truth dataset for machine learning

\* Without parameter tuning (no validation set)

Training set Test set

\* With parameter tuning (validation set)

Training set Validation Test set

K-fold cross validation (no validation set)

k == 3

Training set			Test set
Test set			
	Test set		Training set

K-fold cross validation (with validation set)

k == 3

Training set			Validation	Test set
Test set	Train set			Validation
Validation	Test set		Train set	