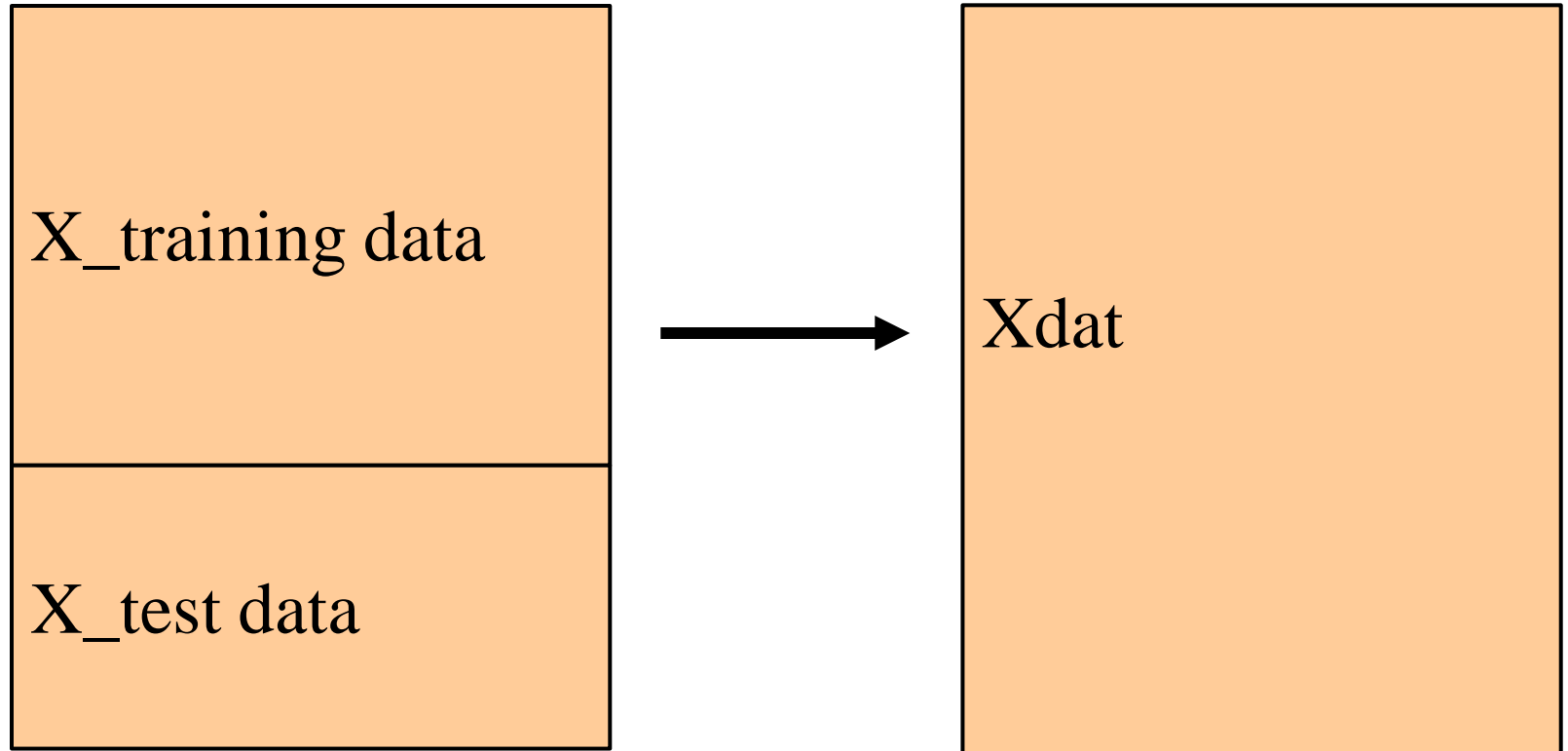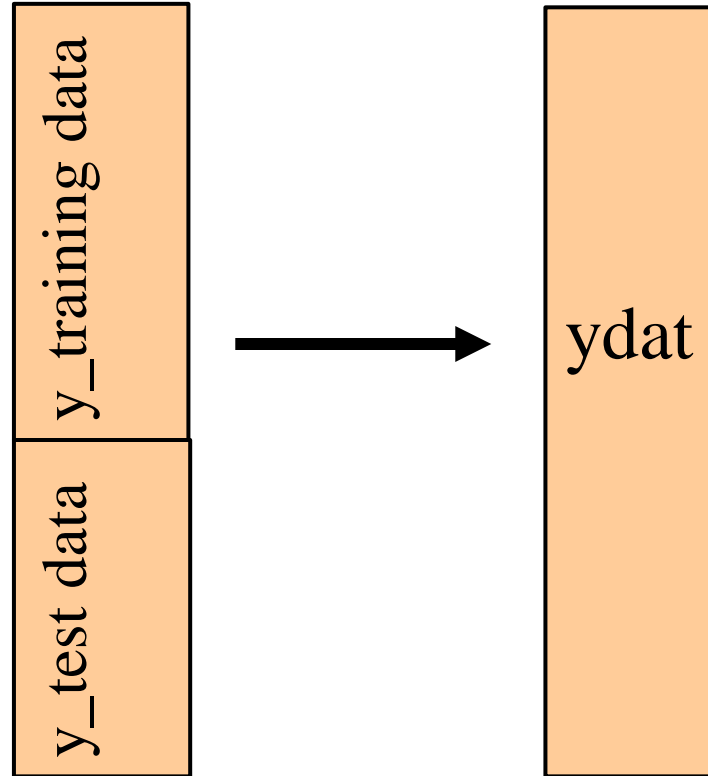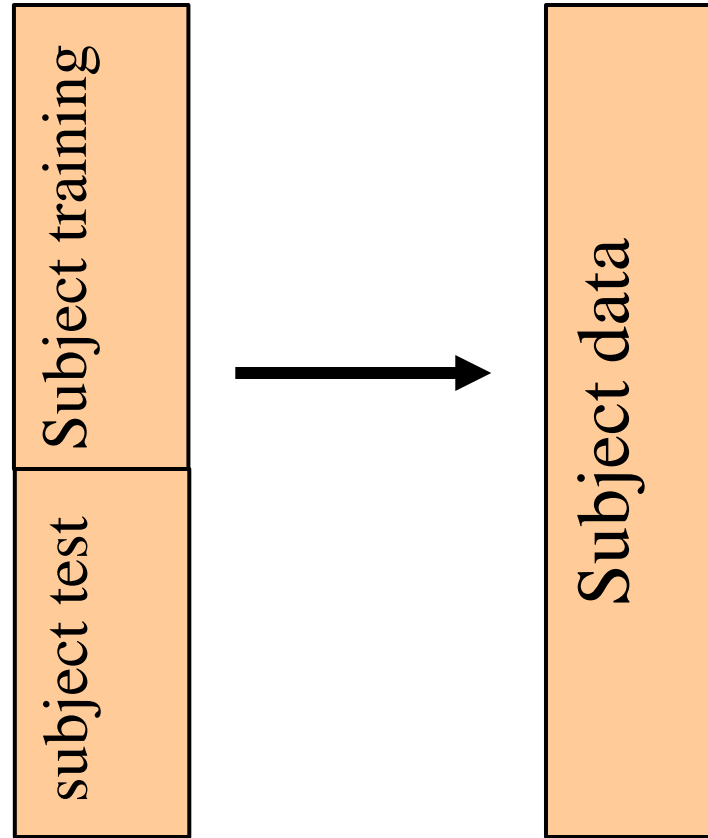# The merger of X data
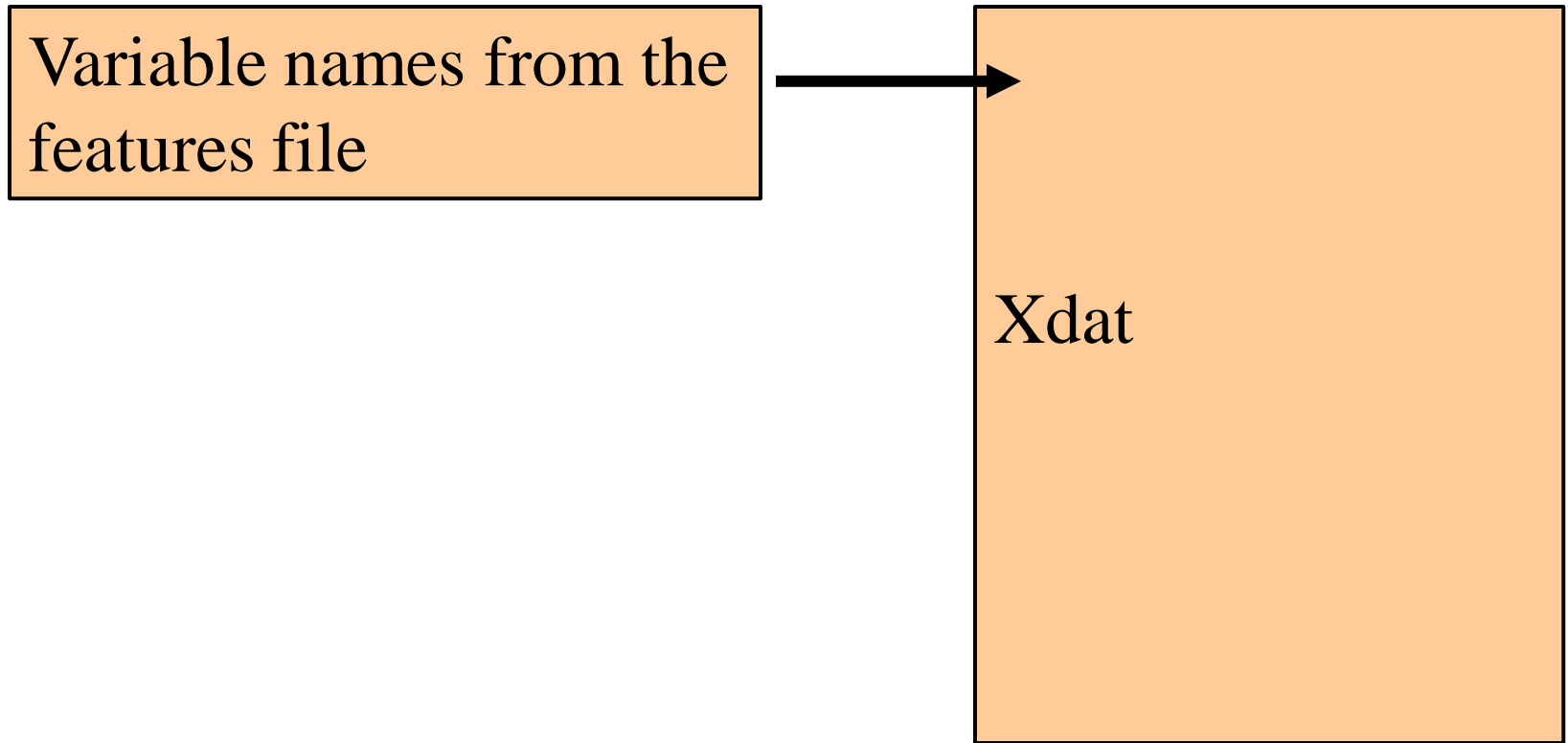
The merger of y (label) data

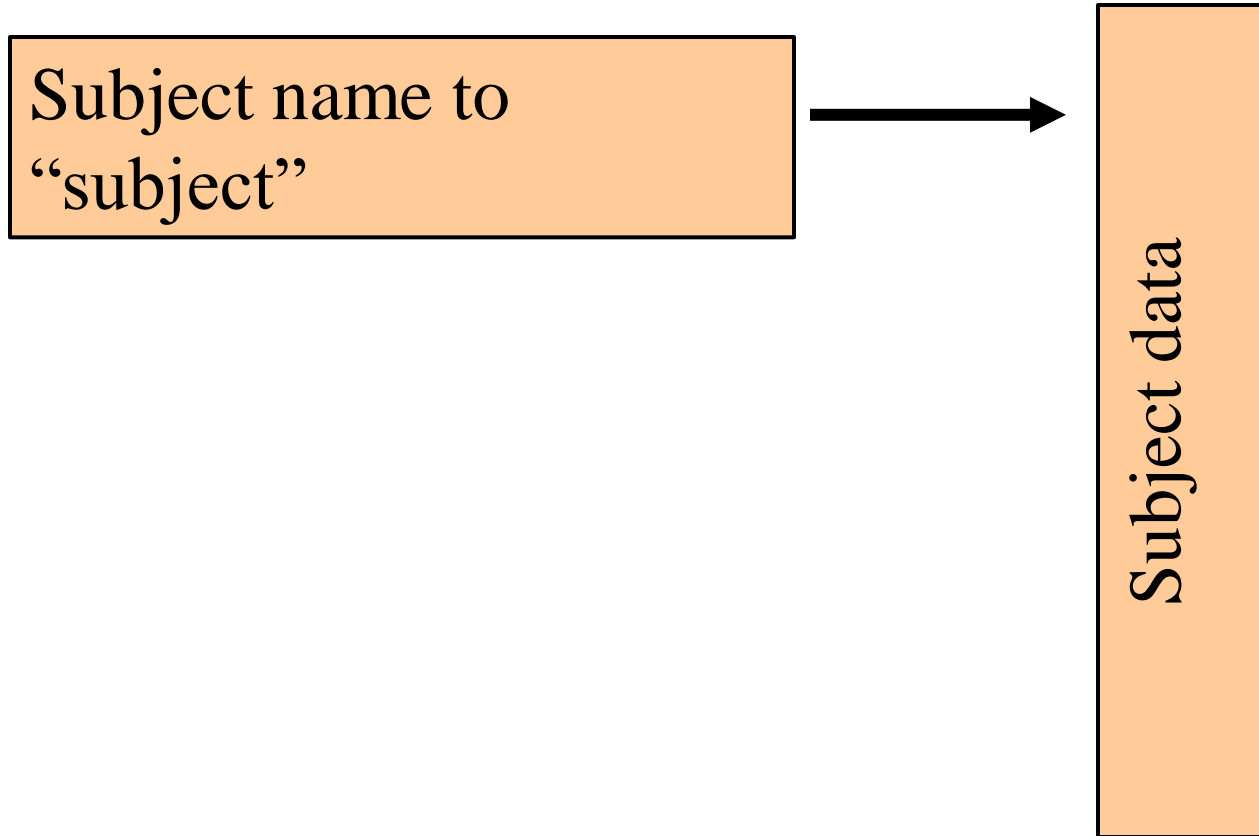# The merger of subject data

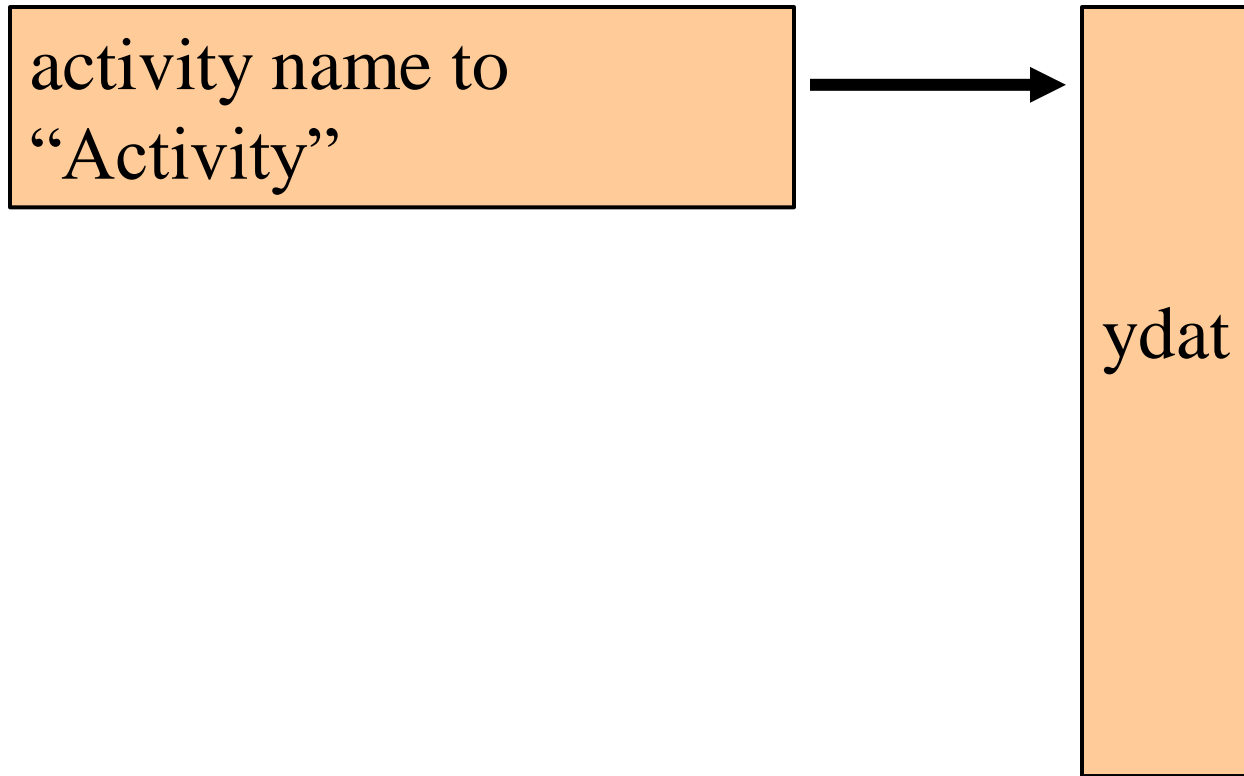# Providing names of X data
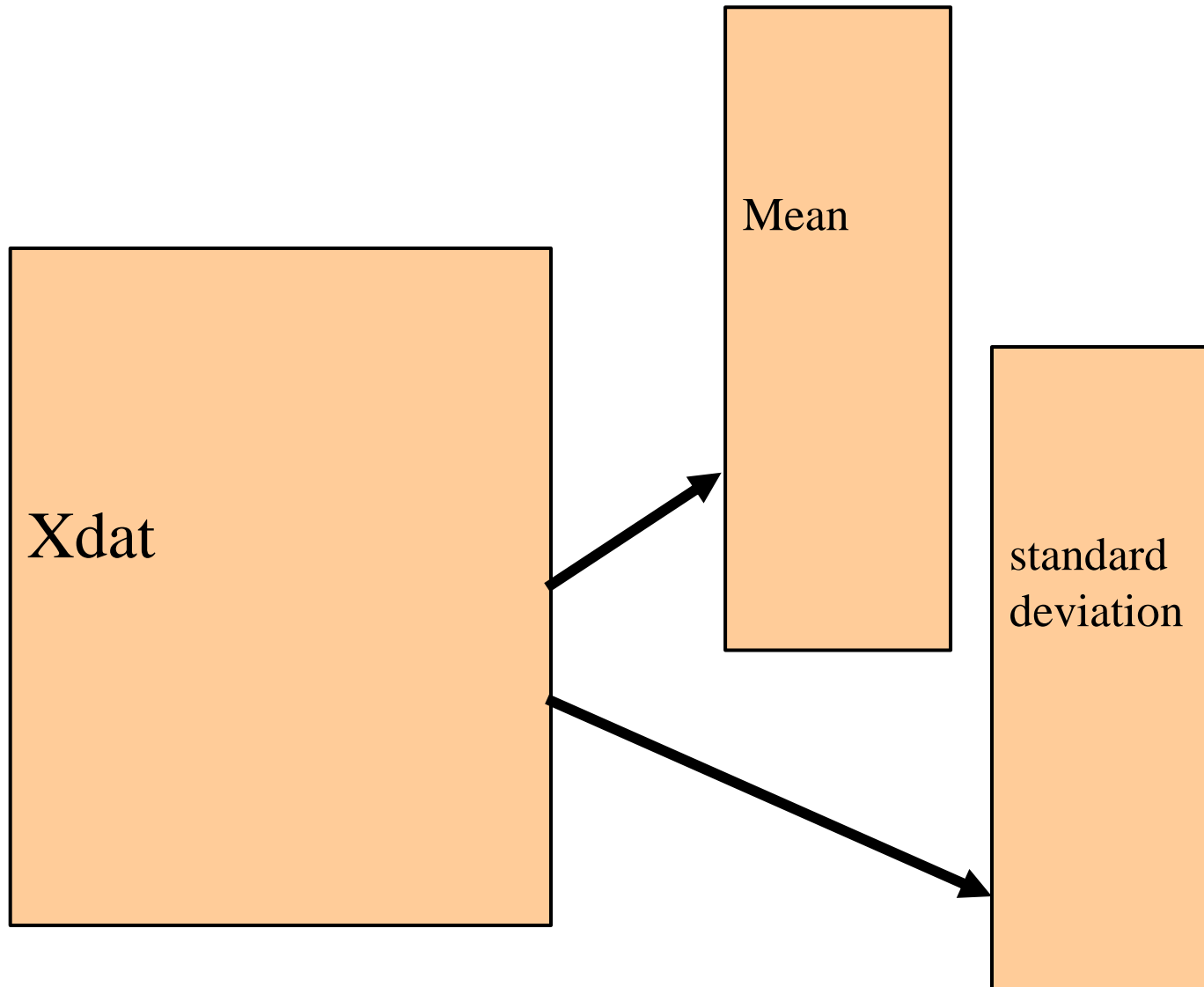
Variable names from the features file

Xdat

Providing names of subject data

Subject name to "subject" → Subject data

Providing names of activity data

activity name to "Activity" → ydat

Determine the mean and standard deviation

Mean

Xdat

standard
deviation

Merge all files

Subject data	ydat	Mean	Standard deviation

Summarize the data

- Use the summarize_all data into object
"tidyData",
From this object the tidy data file is obtained