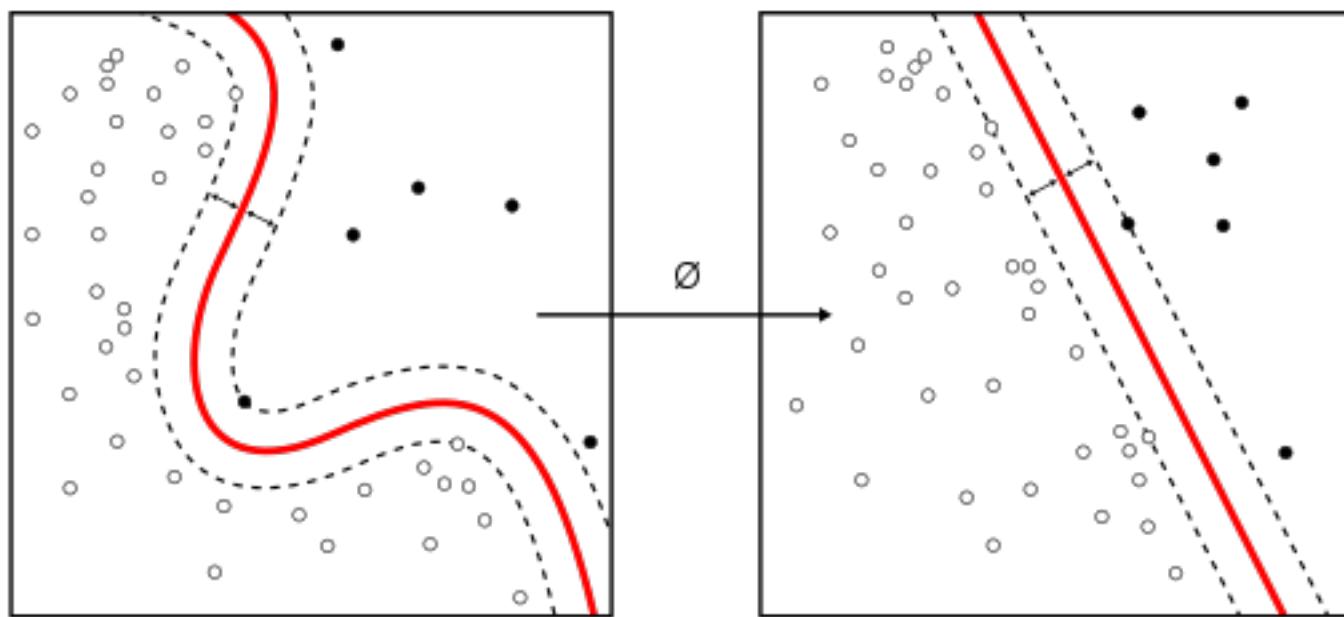


# Support Vector Machines

# SVM



# Kernel

- ▶ Kernel type – RBF, Polynomial...
- ▶ Kernel trick – Matrix vectors with GPU

# *Mushroom dataset*

► [THE CODE](#)

# 5Ws1H

- ▶ Mobile users generate data
- ▶ Image processing
- ▶ Countries with lower populations

# Baseline accuracy

- ▶ Dummy classifiers/regressors

# Tuning – Confusion Matrix

- ▶ Precision - Test for Disease
- ▶ Accuracy - Catch criminals
- ▶ Recall
- ▶ F1