

$$P(C \mid A_1=a_1, A_2=a_2, \dots) \propto$$

$$P(C) \cdot \prod_{a_i} P(A_i=a_i \mid C)$$

~~MLE~~-STEP

SAMS IN L ~~OR~~ C
WHERE $A_i = a_i$

+ ~~OR~~ $\sum Pr(C \mid i)$

$i \in \text{SAMPLES } A_i = a_i$

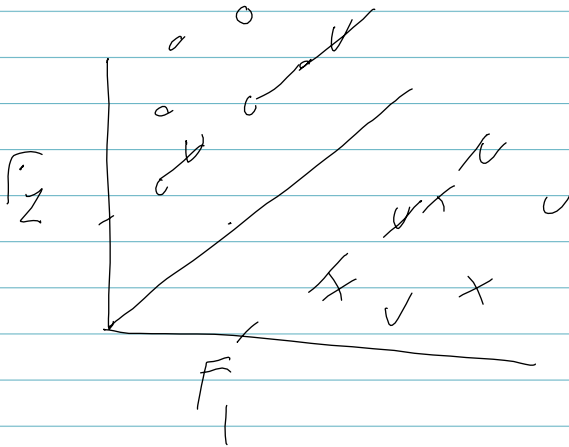
SAMPLES IN CL, C
WHERE $A_i = a_i$

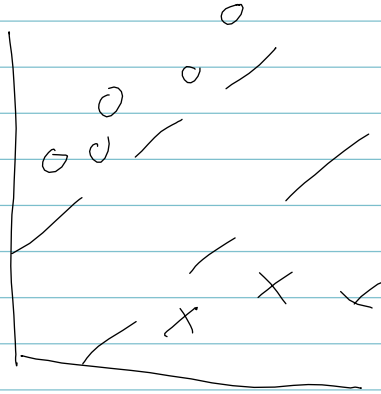
SAMPLES IN CL
 C

CO-TRAINING

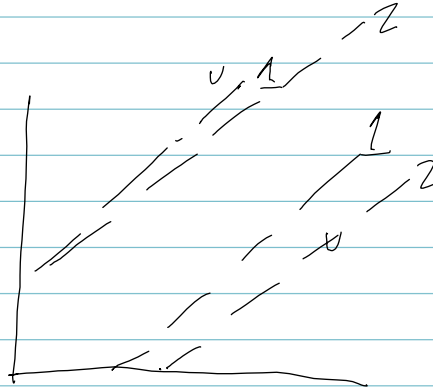
$$\star = x_1 \times x_2$$

TRANSUCTIVE SVM

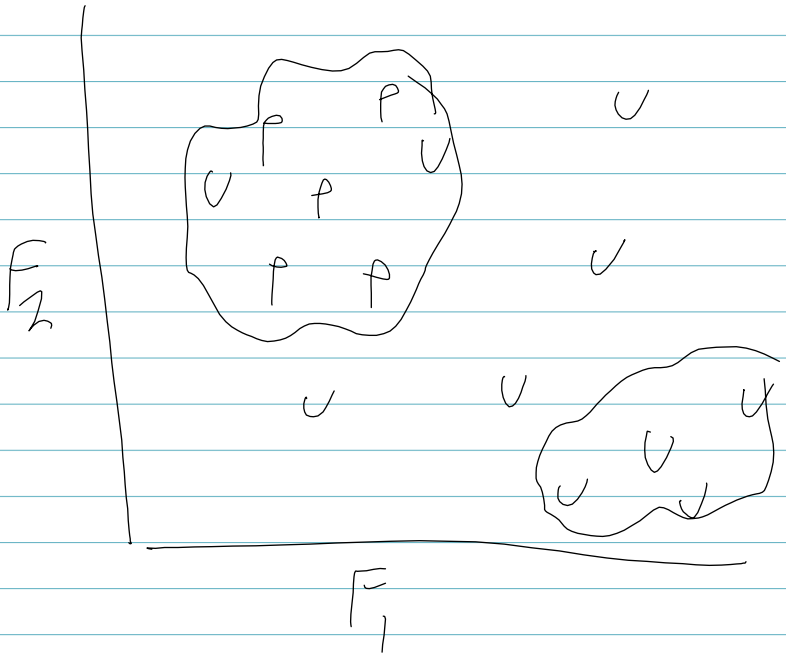




1.
CONSIDER
JUST
LABELLED
DATA



2. ADD
MOST CONFUSING
UNLABELLED
DATA &
RECOMPUTE
MODEL



TRNG
 P-SPIES
 RN

TEST
 Q U SPIES ($Q = U - RN$)

LOOK AT CLASSIFICATION
 THRESHOLD FOR ALL SPIES

COSINE-RATIO

