

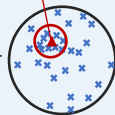
Samples



Feature Space



Prototype



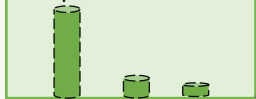
Existing methods

Buffer



PUC Component (Ours)

Output Distribution



Cat Dog Bird

Low uncertainty



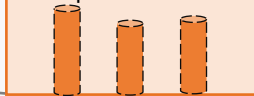
Add to buffer

Re-select from samples



High uncertainty

Output Distribution



Cat Dog Bird