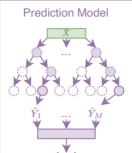
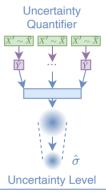
SOSAA RSM using the Icarus Architecture

Out-of-Distribution
Detector

Input: $\bar{X} := (X, X - X_{train})$





Pairwise Difference Regression

Trained with $ar{X}_{ID} \cup ar{X}_{OOD}$

Confidence Score

Point-Prediction

Trained with

 $(\bar{X}_{train}, Y_{train})$

Calibrated with $Y_{valid} - \hat{Y}_{valid}$

Output: $(Y pprox \hat{Y} \pm \hat{\sigma}) \mid c$

prediction with uncertainty level, conditioned by confidence score