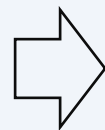
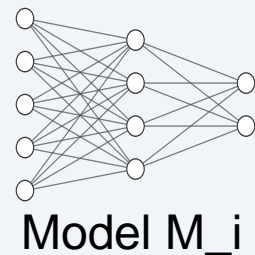
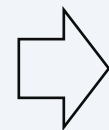


Offline Phase

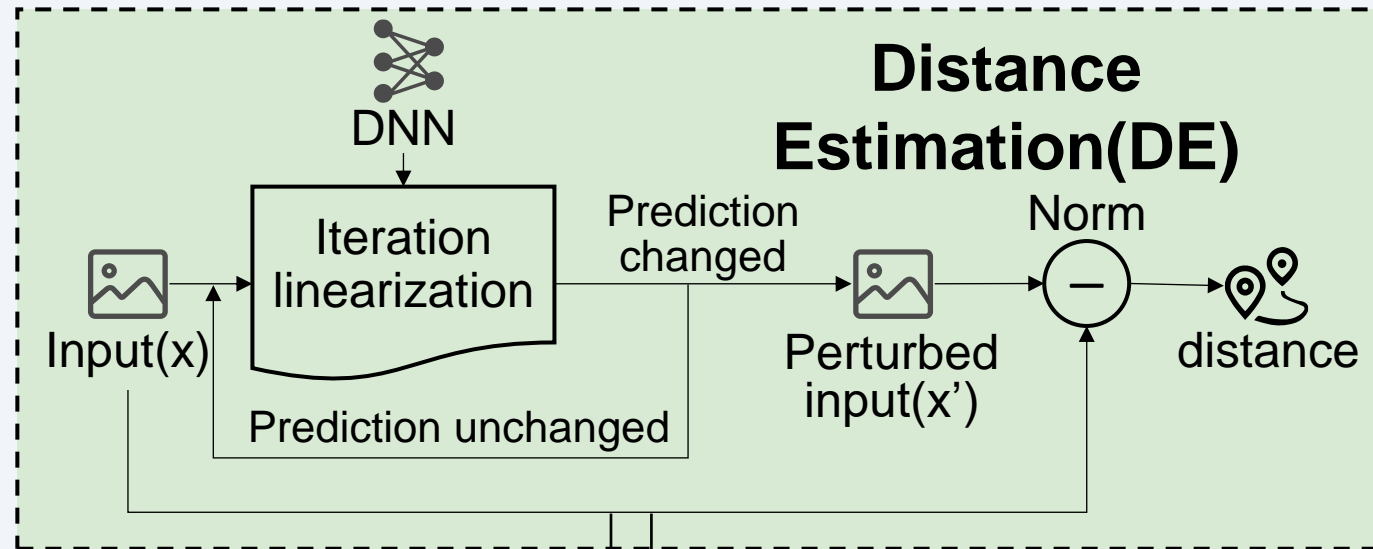
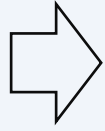
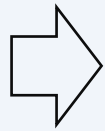
Prior Knowledge Collection

Validation data Single Version



✓= Correctly
✓= classified
set

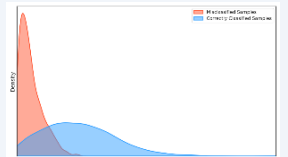
✗= Wrongly
✗= classified
set



correct
distances

wrong
distances

98%
Val acc

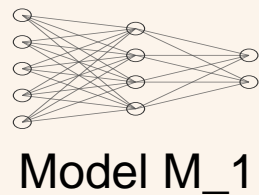


KDE Curve

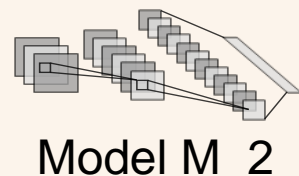
Online Phase

Failure-Prediction-
Based

Diversity Versions

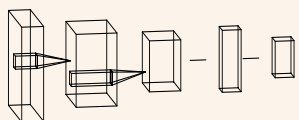


Model M_1



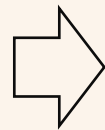
Model M_2

.....



Model M_n

Test Input



Prediction 1



Prediction 2



.....

Prediction N



Inconsistent
predictions

.....

.....

.....

.....

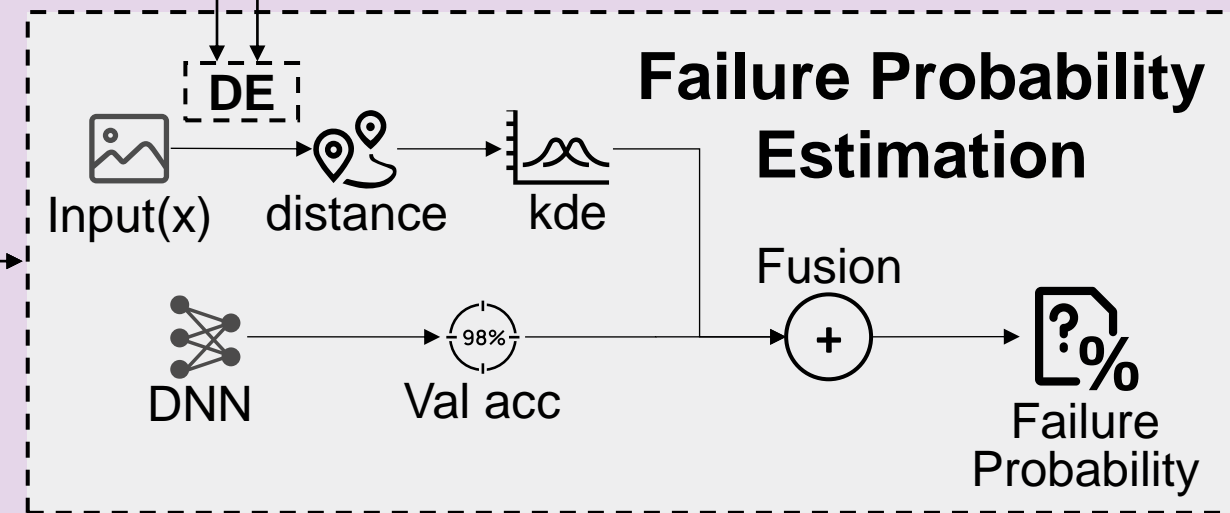
.....

.....

.....

.....

.....



Consistent predictions

Decision Making

Argmin Prediction

.....

.....

.....

.....

.....

.....