



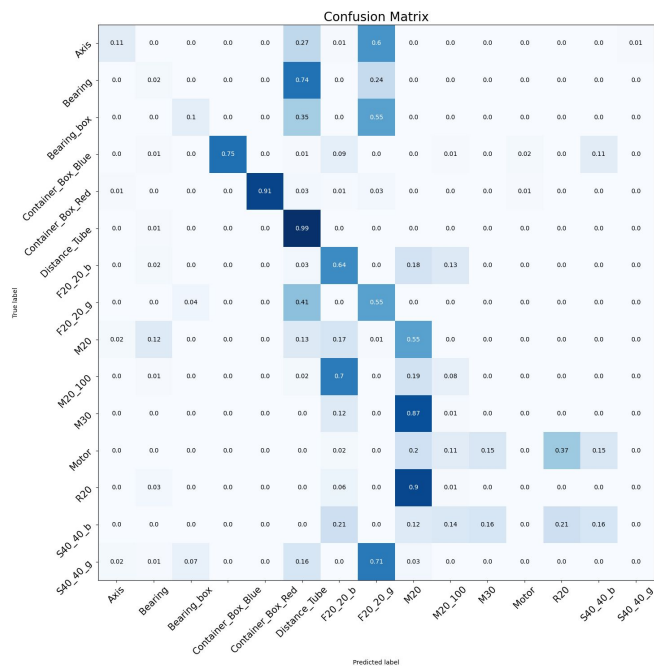
R&D Project

Benchmarking Uncertainty Estimation of Deep Learning Models using Synthetic Dataset

January 29, 2023.
Sathwik Panchangam

Supervised by
Dr. Nico Hochgeschwender
MSc. Deebul Nair

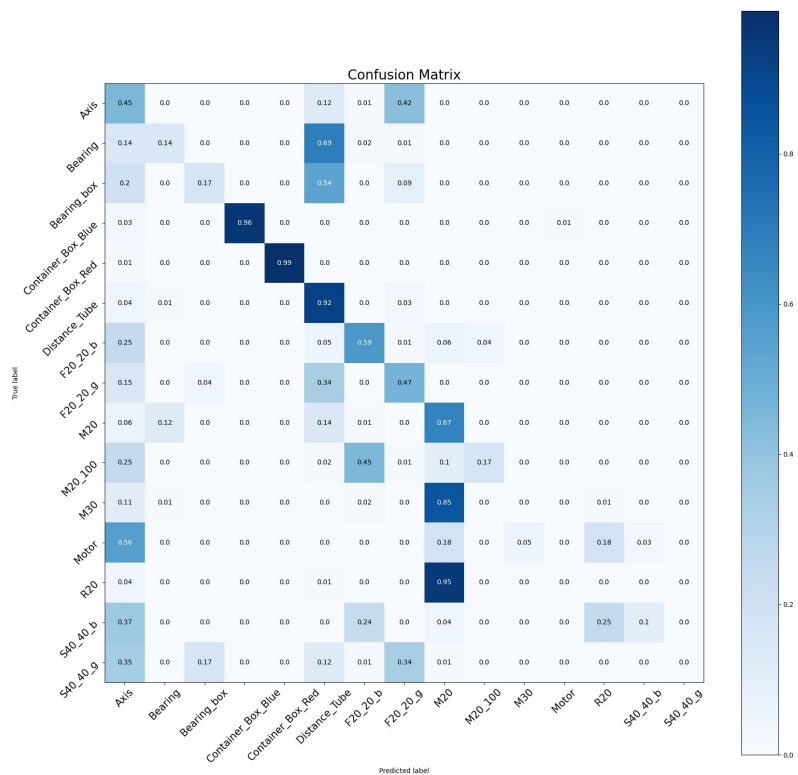
Confusion matrix for far constraint



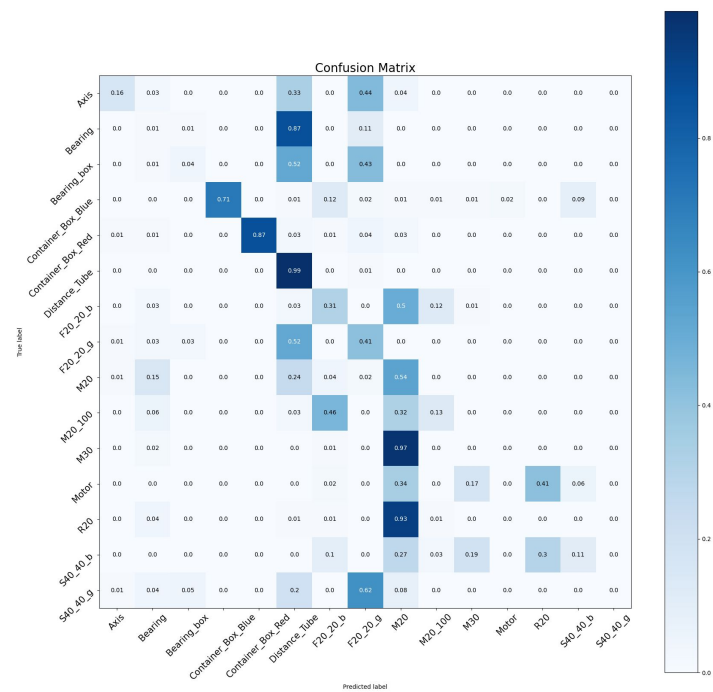
Cross entropy far constraint



Dropout far constraint

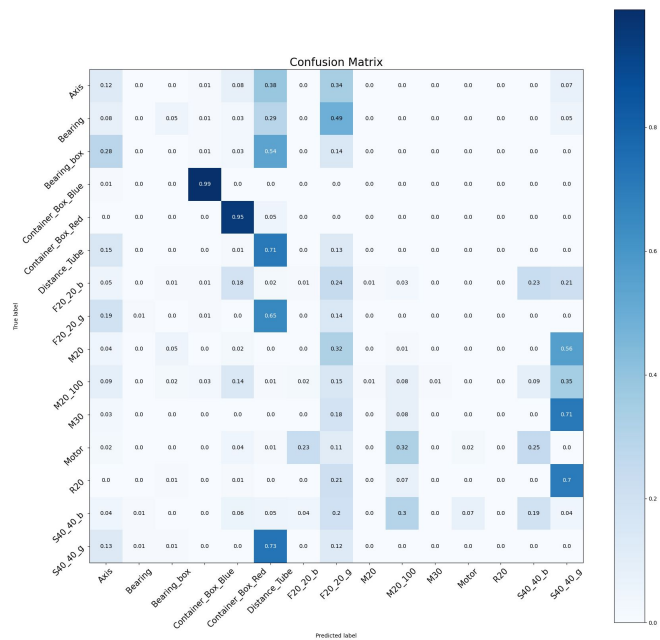


Evidential far constraint

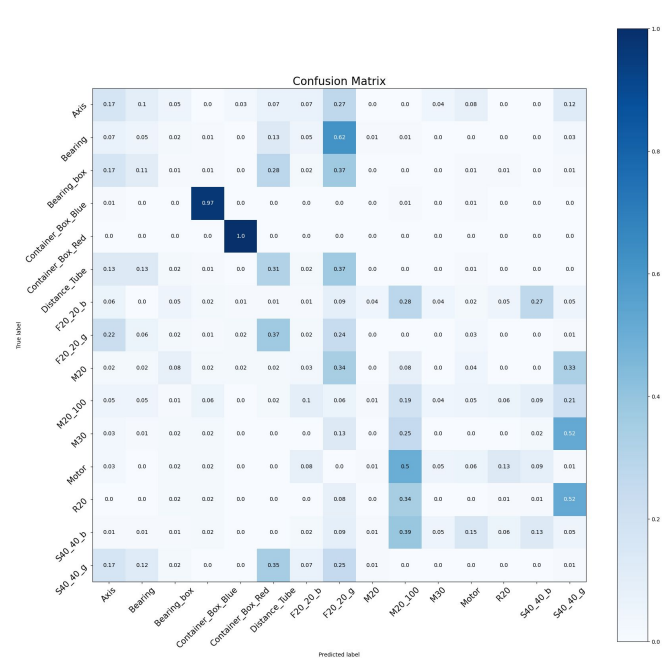


Ensembles far constraint

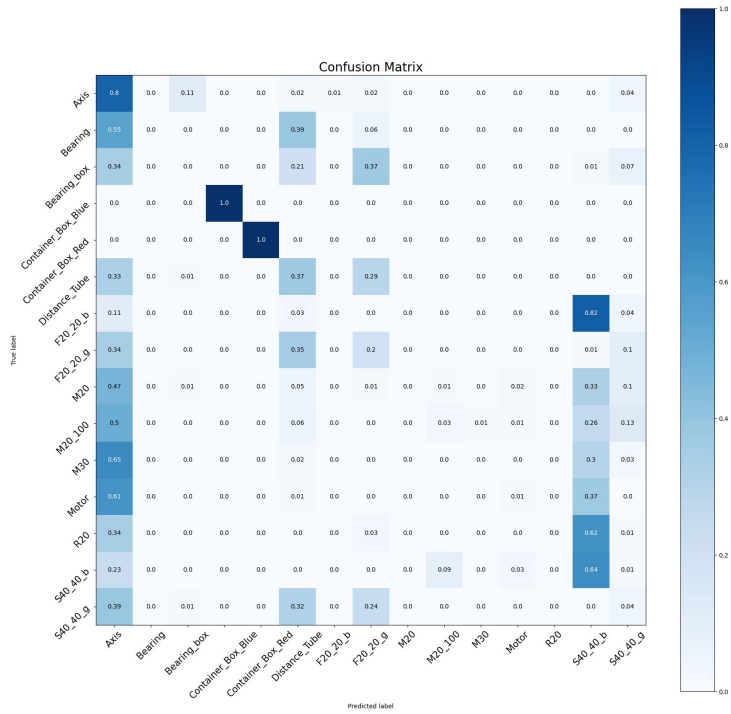
Confusion matrix for Near constraint



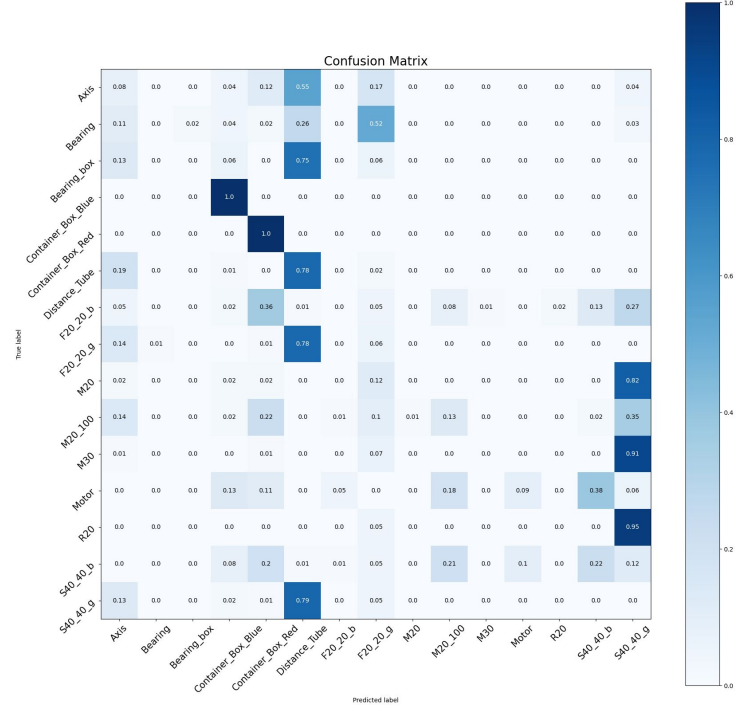
Cross entropy near constraint



Dropout near constraint



Evidential near constraint



Ensembles near constraint