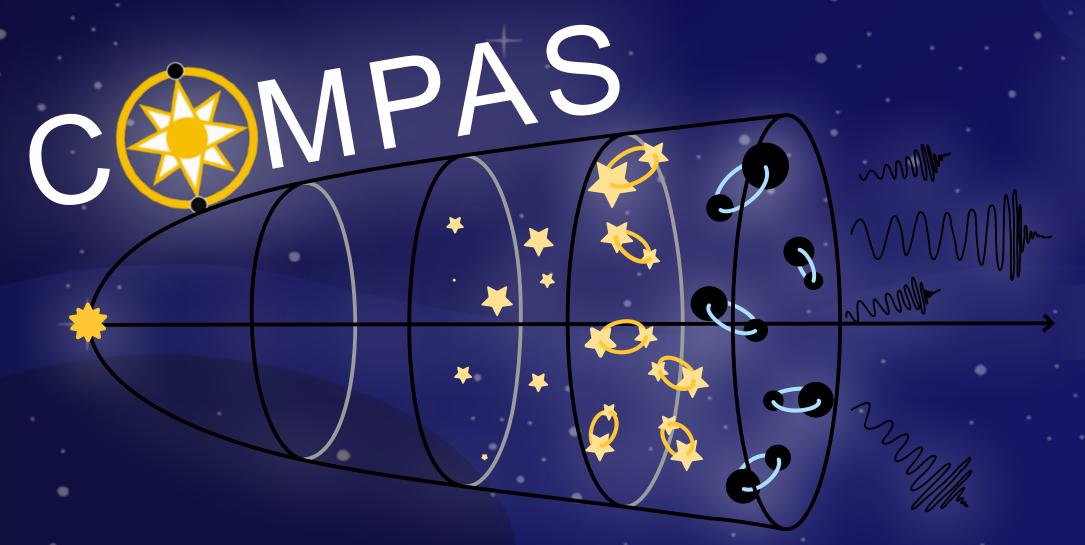
Forward (simulator) modelling A surrogate model for COMPAS



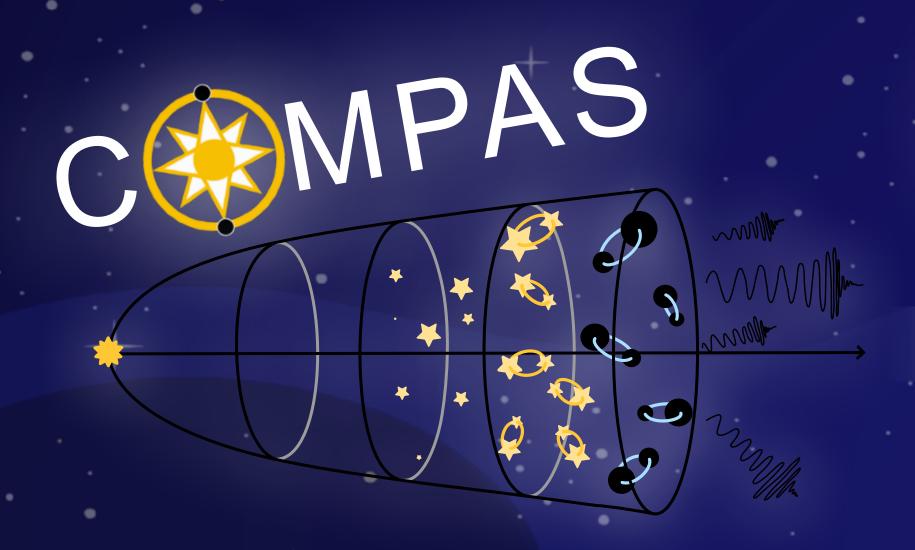
Simulated
Population
Riley+Mandel, '23
arXiv:2303.00508
TensorFlow

L (Compassible parameters)

- Four dimensions
- Average accuracy ~ 98%
- ~20,000X faster than COMPAS

Large training set: ~13,000 COMPAS populations

Forward (simulator) modelling A surrogate model for the Likelihood



Simulated Population

