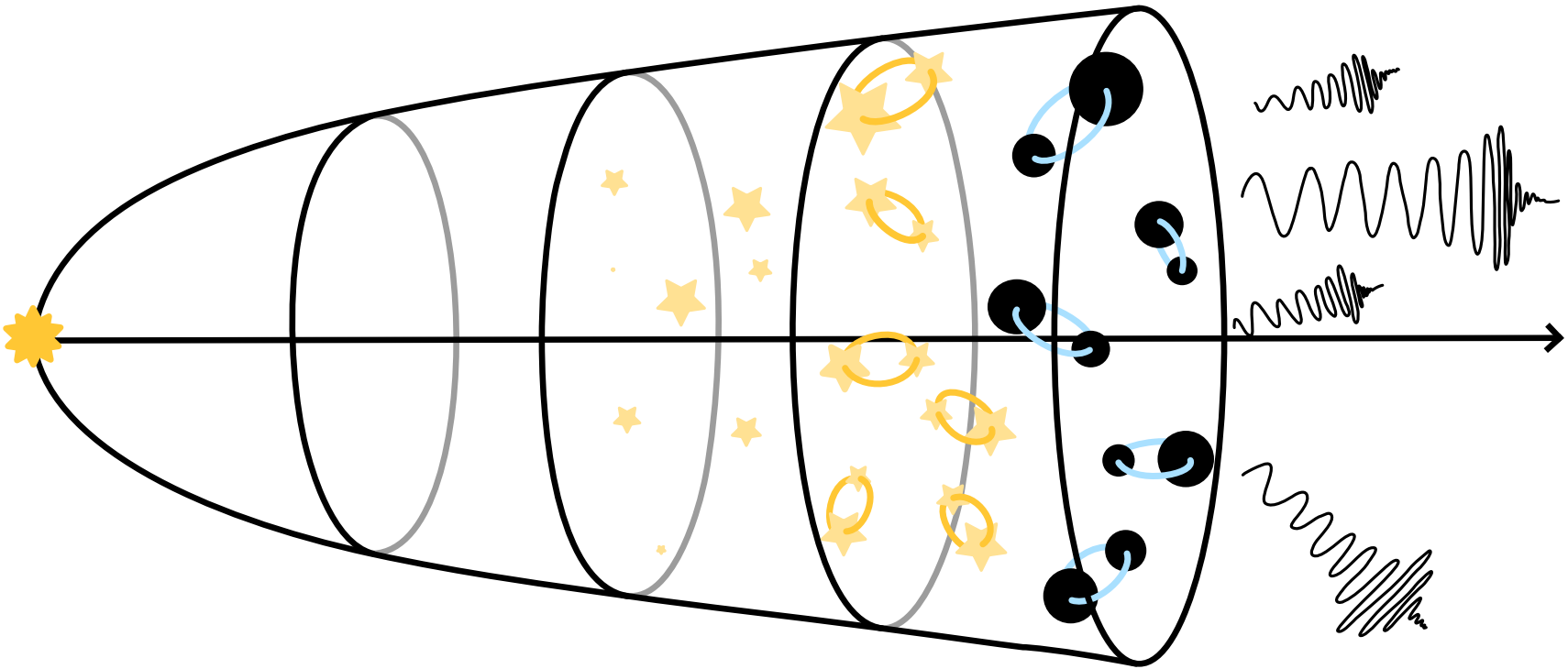
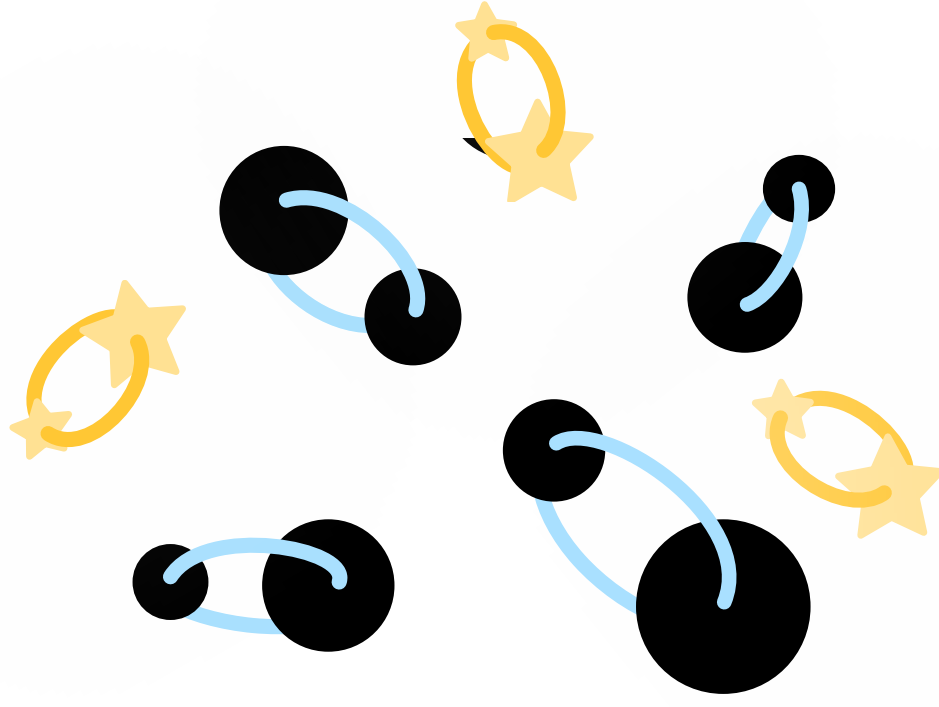
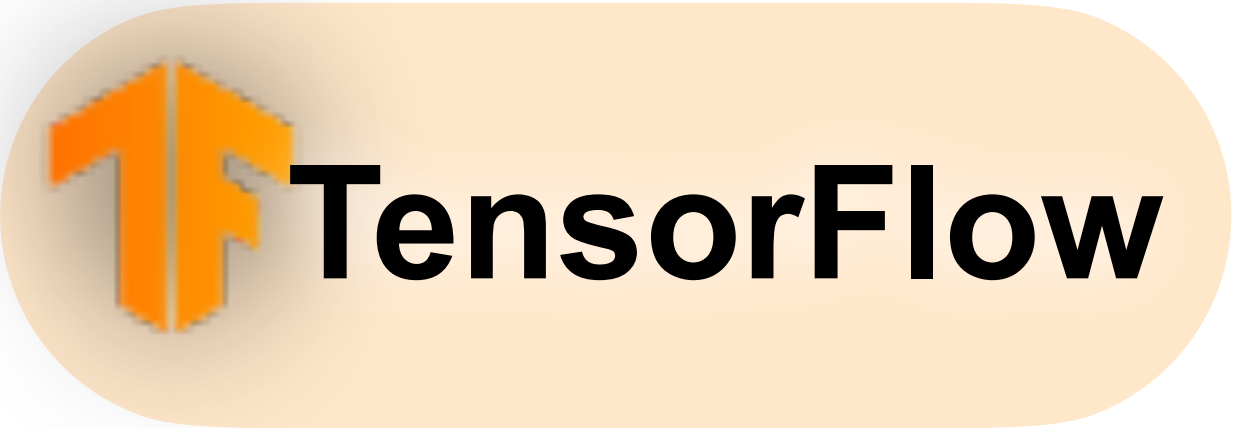





TensorFlow

Riley+Mandel, ’23

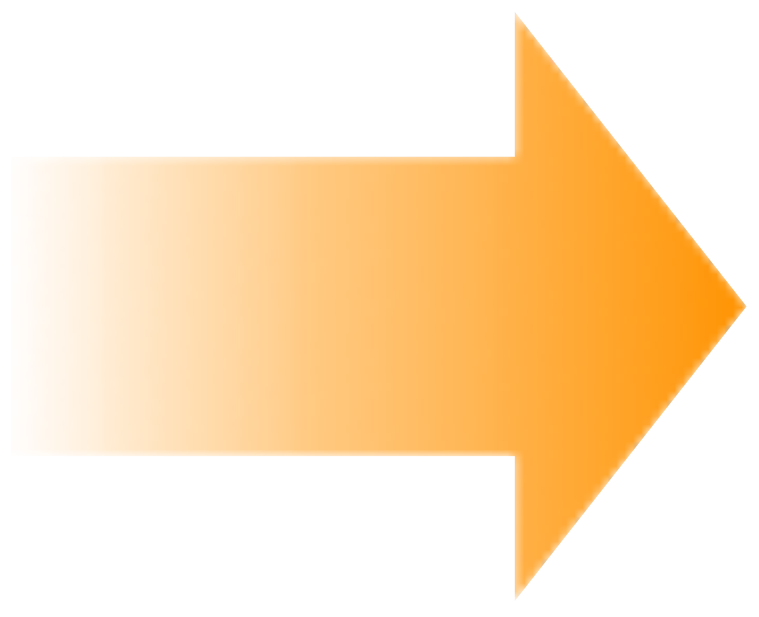
arXiv:2303.00508

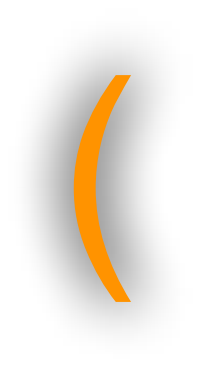
- Four dimensions
- Average accuracy ~ 98%
- ~20,000X faster than COMPAS

Large training set:
~13,000 COMPAS populations

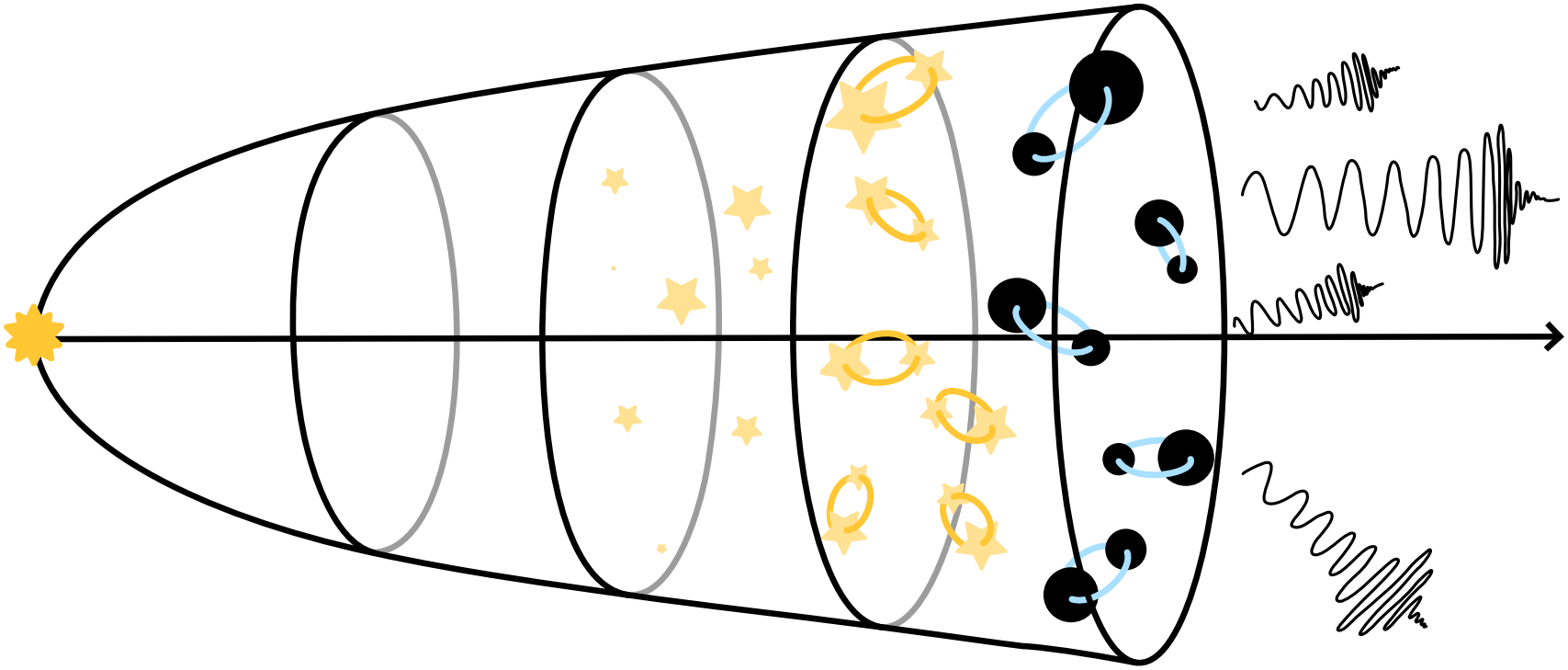
A surrogate model for COMPAS

TensorFlow





L_{surr}

COMPAS parameters

A surrogate model for the Likelihood