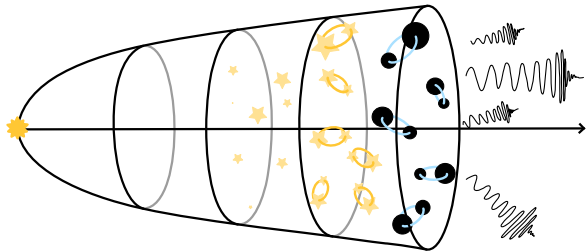
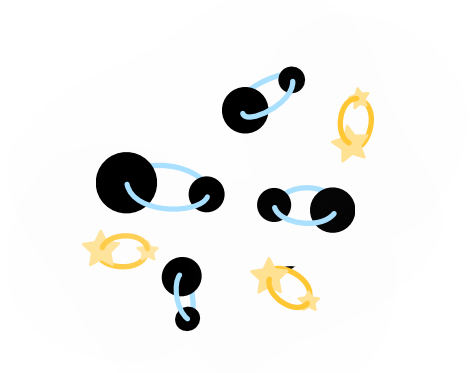




PLS









TensorFlow





$L_{\text{surr}}(\mathcal{D}_l)$

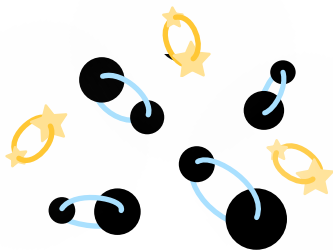
COMPAS

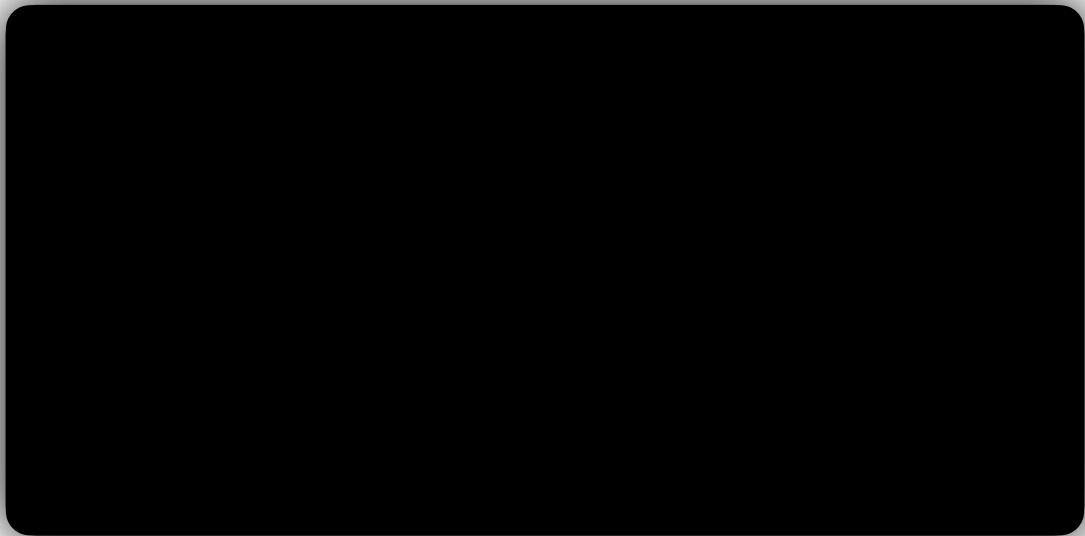
parameters



A surrogate model for the Likelihood





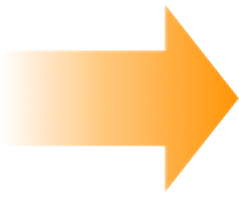


$f(x)$

x

$$L_{\text{surr}}(\Lambda | \mathcal{D}) \sim$$

$$\mathcal{N}(\mu_{\text{GP}}(\Lambda), \sigma_{\text{GP}}^2(\Lambda))$$





|

)

*L*surrr





TensorFlow





|

)

COMPAS

parameters