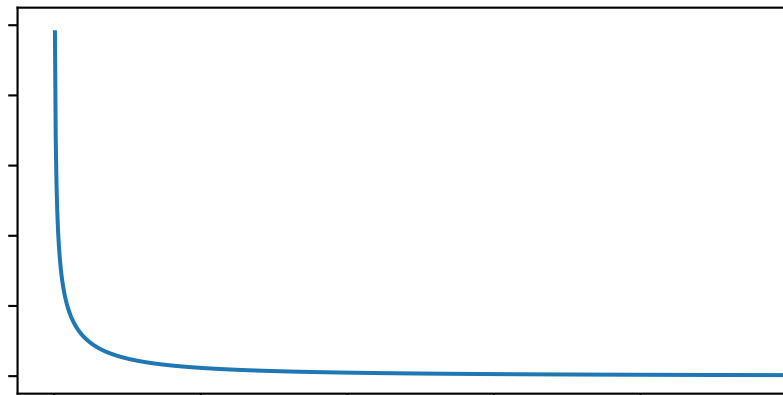


Jeffreys' prior for Alice



Jeffreys' prior for Bob



Jeffreys' posterior for Alice



Jeffreys' posterior for Bob



$$p(\theta | x) \frac{d\theta}{d\phi}$$

$$p(\phi | x) \frac{d\phi}{d\theta}$$