

$$\theta = \log\left(\frac{\mu}{1-\mu}\right)$$

$$e^{\theta} = \frac{\mu}{1-\mu}$$

$$(1-\mu)e^{\theta} = \mu$$

$$e^{\theta} = \mu(1 + e^{\theta})$$

$$\mu = \frac{e^{\theta}}{1 + e^{\theta}} = \frac{1}{e^{-\theta} + 1}$$