u in case of regression is df ← Y, X1

Regression :- $y = \beta_1 x_1 + \beta_2 x_2$

Likelihood → N(u, σ2)

~~u~~ → b0 = pm.Uniform(0, 1)

~~B1~~ = pm.Normal('b1', sd = 100)

B2 = pm.Normal('b2', sd = 100)

* link = b1 * df['x1'] + b2 * df['x2'] + b0

sd = pm.LogNormal( )

like = pm.Normal('likelihood',

mu = link, sd = sd,

observed = df[Y])

→ Every obs is centered around conditions

X