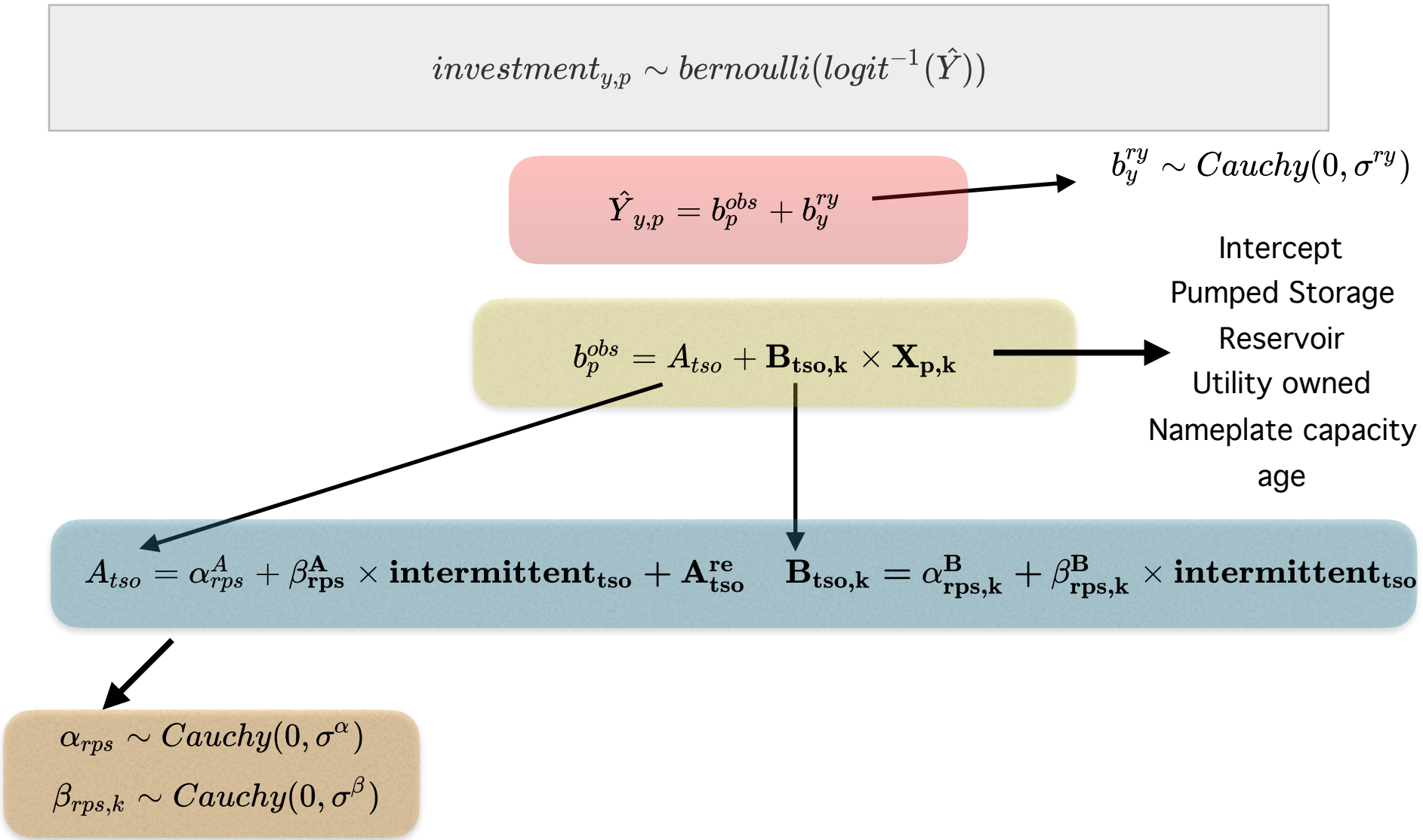
$investment_{y,p} \sim bernoulli(logit^{-1}(\hat{Y}))$
$\hat{Y}_{y,p} = b_p^{obs} + b_y^{ry}$
$b_y^{ry} \sim Cauchy(0, \sigma^{ry})$
Intercept
Pumped Storage
Reservoir
Utility owned
Nameplate capacity
age
$b_p^{obs} = A_{tso} + \mathbf{B_{tso,k}} \times \mathbf{X_{p,k}}$
$A_{tso} = \alpha_{rps}^{A} + \beta_{\mathbf{rps}}^{\mathbf{A}} \times \mathbf{intermittent_{tso}} + \mathbf{A_{tso}^{re}}$
$\mathbf{B_{tso,k}} = \alpha_{\mathbf{rps,k}}^{\mathbf{B}} + \beta_{\mathbf{rps,k}}^{\mathbf{B}} \times \mathbf{intermittent_{tso}}$
$\alpha_{rps} \sim Cauchy(0, \sigma^{\alpha})$
$\beta_{rps,k} \sim Cauchy(0, \sigma^{\beta})$