Models

Model	Expression
M_0 :	$\lambda_i = \bar{\mathcal{N}}$
M_1 :	$\lambda_i = \bar{\mathcal{N}}\,(1 + \mathcal{D}\cos\theta_i)$
M_2 :	$\lambda_i = \bar{\mathcal{N}}\,(1 + \mathcal{Q}(\hat{Q}_{jk}\hat{p}_j\hat{p}_k))$
M_3 :	$\lambda_i = \bar{\mathcal{N}}\,(1 + \mathcal{D}\cos\theta_i + \mathcal{Q}(\hat{Q}_{jk}\hat{p}_j\hat{p}_k))$

Prior Distributions

Parameter	Prior
$\bar{\mathcal{N}}$:	$\bar{\mathcal{N}}_*(0.2u + 0.9),\ u \sim \mathcal{U}(0,1)$
$\mathcal{D}$:	$\mathcal{U}(0, 0.1)$
$\mathcal{Q}$:	$\mathcal{U}(0, 0.2)$
ϕ :	$\mathcal{U}(0, 2\pi)$
θ :	$\cos^{-1}(1 - 2u),\ u \sim \mathcal{U}(0,1)$