un know parameter: 0-2, variability in the production process

1) Prier: 1 = 0 ~ Gamma (20, 20)

Recall this squared toot: $\frac{1}{2}(0;-e;)^2 \sim \chi^2_{k-1}$ 3 Posterior for 0 $\chi^2_{k-1} = G_{amm}\left(\frac{k-1}{2}, \frac{1}{2}\right)$ $\pi(\theta|\chi) \propto \frac{1}{2}\left(\frac{(\chi-\mu)^2}{2} + \frac{\chi^2}{2}\right) = \frac{1}{2}\left(\frac{(\chi-\mu)^2}{2} + \frac{\chi^2}{2}\right) = \frac{1}{2}\left(\frac{(\chi-\mu)^2}{2}\right) =$

Data: X, X2 X3 X4 X5 Shape Scale

The state of the