$$\sigma_{\beta}^{2} = 0. \ 05, \ \sigma_{\chi}^{2} = 0. \ 0025$$

$$\sigma_{\beta}^{2} = 3, \ \sigma_{\chi}^{2} = 0. \ 0025$$

$$\sigma_{\beta}^{2} = 0. \ 05, \ \sigma_{\chi}^{2} = 400$$

$$\sigma_{\beta}^{2} = 3, \ \sigma_{\chi}^{2} = 400$$