21.
$$J(\beta) = C \sum_{i=1}^{N} (I(y^{(i)}) = 0) \ln (1 + e^{\beta^{T} R^{(i)}}) + I(y^{(i)} = 1) \ln (1 + e^{-\beta^{T} R^{(i)}}) + I(y^{(i)} = 1) \ln (1 + e^{-\beta^{T} R^{(i)}}) + I(1 + e^{\beta^{T} R^{(i)}}$$

$$||p||^{2} = \sum_{i=1}^{N} \beta_{i}^{2} \quad \text{ban. κaκ} \quad \text{cynnia bon. } \text{pyhkynif}$$

$$||p||_{1} = \sum_{i=1}^{N} |\beta_{i}| \quad \text{ban. κaκ} \quad \text{cynnia bon. } \text{pyhkynif}$$

$$||p||_{2} = \sum_{i=1}^{N} |\beta_{i}| \quad \text{ban. κaκ} \quad \text{cynnia bon. } \text{pyhkynif}$$

$$||p||_{2} = \sum_{i=1}^{N} (|\beta_{i}|) = |\beta_{i}| |\beta_$$