Submission for Aposer Walia and Marcos Lagos

3.3
$$P(y=1|x_i) = \gamma \pi \frac{1}{1 - (x_i - x_i)^2}$$

$$\frac{J=1\sqrt{2\pi\sigma_i}}{J=1\sqrt{2\pi\sigma_i}}$$

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Since me have uniform periors, me can get sid of Y in the expression

$$= \frac{1}{\sum_{j=1}^{2} (2j - k j^{2})^{2} / \sigma_{j}^{2} - \sum_{j=1}^{2} (2j - k k j^{0})^{2} / \sigma_{j}^{2}}$$

$$1 + C^{(2)}$$

$$\frac{2}{2} \left(\lambda i j^{0^{2}} - \lambda i j^{2} \right) / \sigma_{j}^{2} + \frac{2}{2} \left(\lambda i j^{0} - \lambda i j^{2} \right) z_{i} / \sigma_{j}^{2}$$

$$1 + e^{-1}$$

For logistic suggession

If we set
$$\theta_0 = \frac{2}{2!} \left(\frac{M_j^{0^2} - M_j^{1^2}}{\sigma_j^{-1}} \right) / \sigma_j^{-1}$$

and $\theta_j' = 2 \left(\frac{M_j^{0^2} - M_j^{1^2}}{\sigma_j^{-1}} \right) / \sigma_j^{-1}$

Then with above parameterization P(y=1/2) for gaussian vaive bayes with unitorn priors is equivalent to P(y=1/2) for logistic regression