



$$log(y_{i}) = loo + l_{i} \cdot X_{i} + l_{2} \cdot b_{i} + l_{2}$$

$$x \uparrow_{i} \quad y \uparrow_{p_{i}} \cdot loo \times los y_{i}/dx_{i}.$$

$$p_{i} \uparrow_{1} \quad y \uparrow_{p_{i}} \cdot loo \times los y_{i}/db_{i}$$

$$log y_{i}/db_{i}$$

$$y_{i} = loo \cdot los y_{i}/db_{i}$$

$$los y_{i}/db_{i}/db_{i}$$

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$$los$$

$$\frac{\Delta y'}{y'} = 100 \cdot \frac{e^{\beta_0 + \beta_1 \cdot \chi_i} (e^{\beta_2} - 1)}{e^{\beta_2 + \beta_1 \cdot \chi_i}} = 100 (e^{\beta_0 - 1})$$