Pullback Ir Jp rule for softmax

$$\int (\bar{x}) = \bar{\lambda}$$

$$y:=\frac{e^{x_i}}{2!e^{x_i}}$$

$$\vec{X}_{\perp} = \vec{\lambda}_{\perp} = \vec{\lambda}_{\perp} \cdot \vec{\lambda}_{\perp}$$

$$\overline{X}_{\kappa} = (y, \delta_{i\kappa} - y, y_{\kappa}) \overline{y}$$

ih Symbolic notation

$$\dot{X} = \dot{3} \cdot 0 \cdot \dot{3} - (\dot{3} \cdot \dot{3}) \cdot \dot{3}$$

Full pullback rule

$$\beta\left(Softmex,\left(x\right),\left(\overline{y},\right)\right) = \left(\left(Softmex\left(x\right),\right),\left(y\circ\overline{y}-\left(y\overline{y},\overline{y}\right)y\right)\right)$$

$$\underline{y}$$