

log ($\Delta Y/Y$)

LABJND_{u2}

tristimulus value sensitivity

$Y_{nc} = Y_{wRGBnc} = 100, 21, 72, 7$

$S_r = (\Delta Y/Y)$

0 -1

$$l^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$dY/Y = A_{0n}(A_{1n} + A_{2n}Y) / Y = A_{0n}(A_{1n} + A_{2u}x) / Y$$

-1 -0,1

-2 -0,01

$\log(dY/Y) = -2,05, m_u = -0,15$

$l^*_u = 396, dY_u = 0,15, dY_u/Y_u = 0,0087$

application

range

-3

0,1

1

10

100

y

-2

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

log(Y)