

$\log [(\Delta Y/Y) / (\Delta Y/Y)_u]$

LABJNDu1 relative
tistimulus value sensitivity

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

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u$$

2
100

$$l^*_{LABJNDu1} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu1} = \ln(A_{1n} + A_{2n}x) / (A_{2n}A_{0n}) \quad (x = Y/Y_u)$$

$$(dY/Y) / (dY/Y)_u = [(A_{1n} + A_{2n}x) / x_u] / (A_{1n} + A_{2n})$$

1
10 $(dY/Y)_{90} / (dY/Y)_u = 0,88, A_{0n} = 1,0, A_{2n} = 0,1044, c_x = 1,00$

$(dY/Y)_{18} / (dY/Y)_u = 1,00, A_{1n} = 0,017, A_{2n} = 0,0058$

$(dY/Y)_{3,6} / (dY/Y)_u = 1,26, Y_u = 18, dY_u = 0,12$

0
1
-1
-2

$\log[(dY/Y) / (dY/Y)_u] = 0, m_u = -0,13$

$l^*_u = 498, dY_u = 0,12, dY_u/Y_u = 0,0067$

application
range

0,1

1

10

100

$l_{x_u} = 1$

100

Y

-2 -1 0 1 2 $\log(Y)$

$x_N = 0,2$

$x_W = 5$