

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

LABJNDu5 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

$$t^*_{LABJNDu5} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu5} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

$$(dY/Y)_{90} / (dY/Y)_u = 0,88, A_{0n} = 1,5, A_{2u} = 0,1044, c_x = 1,00$$

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

$$(dY/Y)_{3,6} / (dY/Y)_u = 1,5, Y_u = 18, dY_u = 0,18$$

1 10

0 1

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

$$t^*_u = 332, dY_u = 0,18, dY_u/Y_u = 0,0101$$

application
range

0,1

1

10

100

Y

-1

-2

0

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$