

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

LABJNDu9 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

$$t^*_{LABJNDu9}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu9}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n}) \quad (x=Y/Y_u)$$

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

1 10

$$(dY/Y)_{90}/(dY/Y)_u=0,88, A_{0n}=1,5, A_{2u}=0,0438, c_x=0,42$$

$$(dY/Y)_{18}/(dY/Y)_u=1,00, A_{1n}=0,007, A_{2n}=0,0024$$

$$(dY/Y)_{3,6}/(dY/Y)_u=1,50, Y_u=18, dY_u=0,07$$

0 1

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

$$t^*_u=791, dY_u=0,07, dY_u/Y_u=0,0042$$

application
range

0,1

1

10

100

Y

-1

0

1

2

log(Y)

$x_N=0,2$

$x_W=5$

$x_u=1$