

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

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

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

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

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

1 10 $(dY/Y)_{90}/(dY/Y)_u=0,88, A_{0n}=0,6666, A_{2u}=0,1044, c_x=1,00$

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

$(dY/Y)_{3,6}/(dY/Y)_u=1,55, Y_u=18, dY_u=0,08$

0 1 - - - - -

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

$l^*_u=748, dY_u=0,08, dY_u/Y_u=0,0044$

application
range

0,1

1

10

100

Y

-1

0

1

2

log(Y)