

$\log (\Delta Y/Y)$

LABJND_{u9}

tristimulus value sensitivity

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

$S_r=(\Delta Y/Y)$

0-1

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

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

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

-1 0,1

-2 0,01

$$\log(dY/Y)=-2,37, m_u=-0,15$$

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

application
range

-3 -2 -1 0 1 10 100 $x_N=0,2$ $x_u=1$ $x_w=5$ Y $\log(Y)$