

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

LABJNDu2 relative  
tistimulus value sensitivity

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

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

2  
100

$$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1  
10

0  
1

$$\log[(dY/Y) / (dY/Y)_u] = 0, m_u = -0,15$$

$$L^*_u = 396, dY_u = 0,15, dY_u/Y_u = 0,0087$$

application  
range

0,1

1

10

100

$x_u = 1$

100

$y$

-2

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$