

log ( $\Delta Y/Y$ )

LABJND<sub>u1</sub>

tristimulus value sensitivity

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

$S_r = (\Delta Y/Y)$

0-1

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

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

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

-1-0,1

-2-0,01

$\log(dY/Y) = -1,99, m_u = -0,15$

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

application  
range

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