

log ( $\Delta Y/Y$ )

LABJND<sub>u1</sub>

tristimulus value sensitivity

$Y_{nc} = Y_{wRGBnc} = 100, 21, 73, 7$

$S_r = (\Delta Y/Y)$

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