log[sensitivity]

$\log L_\mathrm{o} = -0.35[u_\lambda - u_{570}]^2$

$\log V_\mathrm{o} = -0.35[u_\lambda - u_{557}]^2$

$\log M_\mathrm{o} = -0.35[u_\lambda - u_{545}]^2$

$\log S_\mathrm{a} = -0.35[u_\lambda - u_{445}]^2 + 0.02$ 　 $\log L_\mathrm{a} = \log L_\mathrm{o} + 0.02$

$\log [V_\mathrm{o}, L_\mathrm{a}, M_\mathrm{a}, S_\mathrm{a}]$ 　 $\log M_\mathrm{a} = \log M_\mathrm{o} + 0.02$

$u_\lambda = (\lambda - 550)/50$

L:M:S adaptation
=1:1:1 L×M: 557

$55\%_{L,S} = 0.04$

$V_\mathrm{o} = -0.02$ $L_\mathrm{a} = -0.02$

$V_\mathrm{a} = 0.00$ $V_\mathrm{a} = -0.00$

$M_\mathrm{o} = -0.02$ $M_\mathrm{a} = -0.02$

$S_\mathrm{o} = -1.77$ $S_\mathrm{a} = -1.77$

eey11−3a