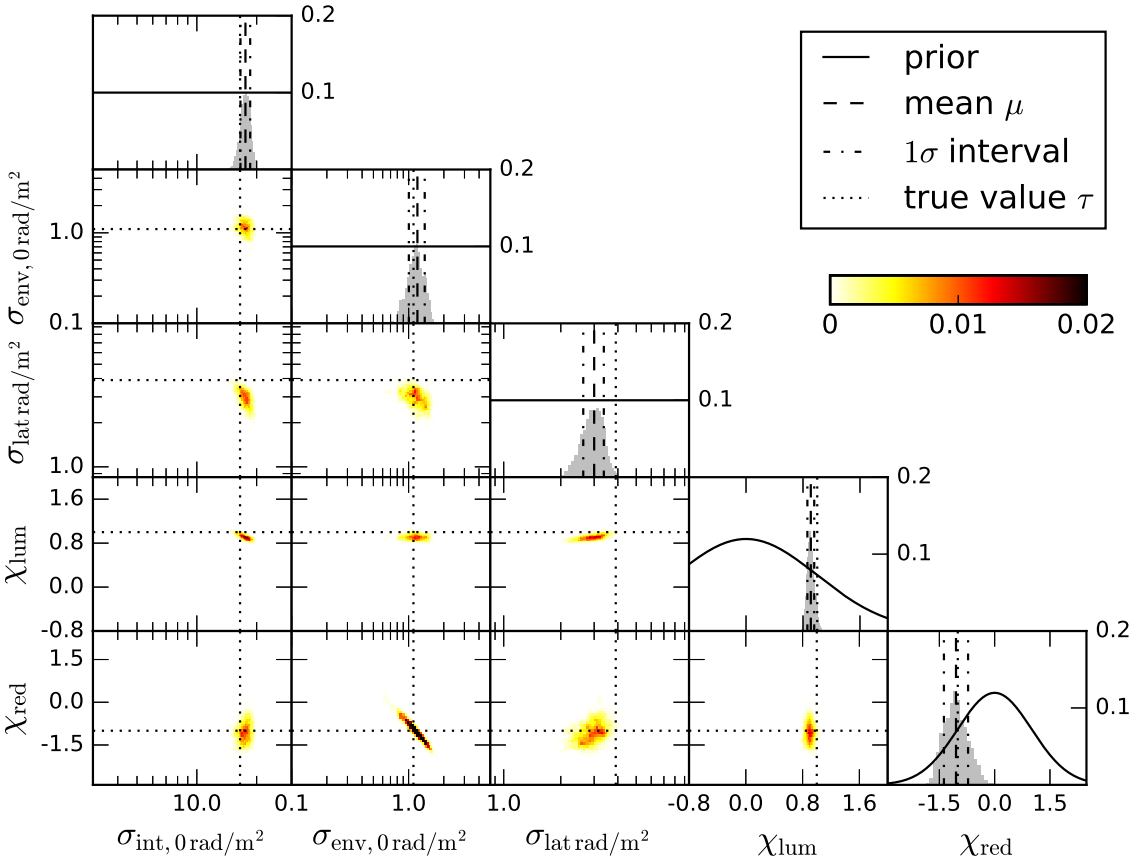
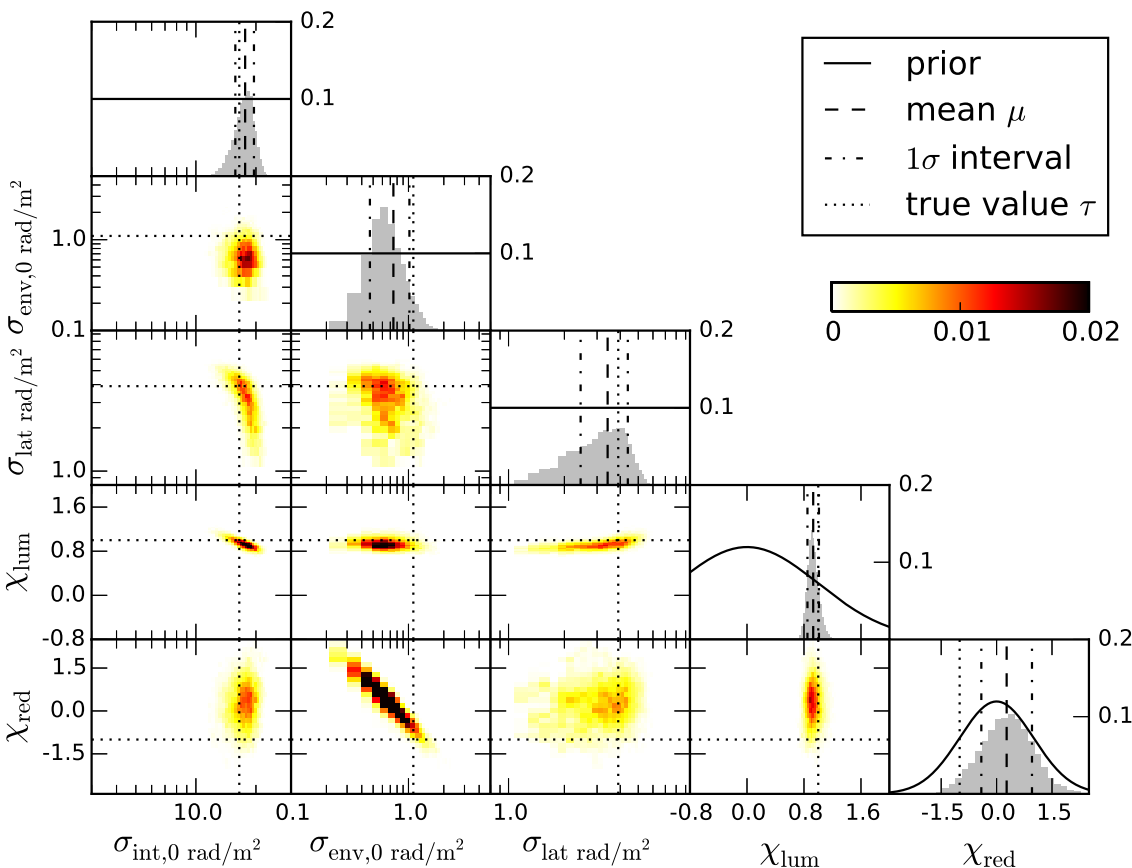
(a)


prior
mean $\mu$
$1\sigma$ interval
true value $\tau$
0
0.01
0.02
$\sigma_{\mathrm{int},0\,\mathrm{rad/m^2}}$
$\sigma_{\mathrm{env},0\,\mathrm{rad/m^2}}$
$\sigma_{\mathrm{lat}\,\mathrm{rad/m^2}}$
$\chi_{\mathrm{lum}}$
$\chi_{\mathrm{red}}$

(b)


prior
mean $\mu$
$1\sigma$ interval
true value $\tau$
0
0.01
0.02
$\sigma_{\mathrm{int},0\,\mathrm{rad/m^2}}$
$\sigma_{\mathrm{env},0\,\mathrm{rad/m^2}}$
$\sigma_{\mathrm{lat}\,\mathrm{rad/m^2}}$
$\chi_{\mathrm{lum}}$
$\chi_{\mathrm{red}}$