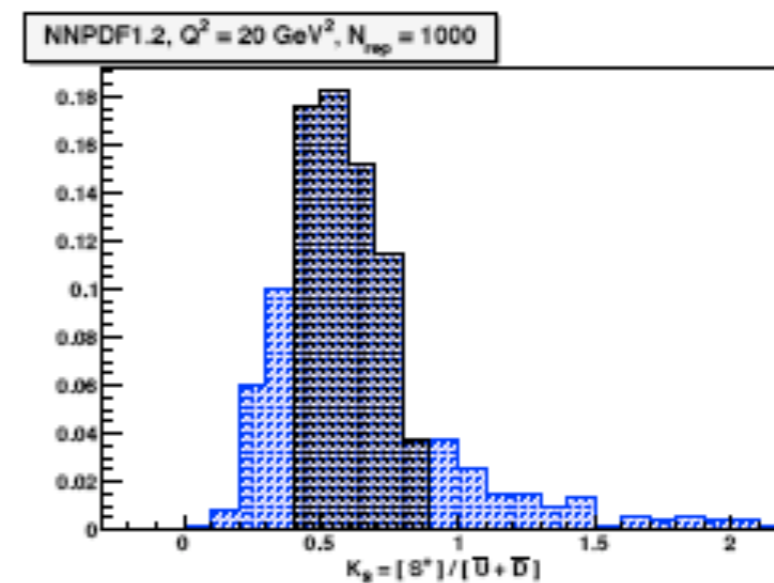


# Theoretical systematics

Combined fit to pdf & ew parameters might be sensitive to underlying assumptions that otherwise play a lesser role. It is important to identify them now and check them as possible improvements of the fit (remember the NuTeV anomaly), although they are unlikely to change the error estimates

strange sea

(here  $\bar{s}(x)=s(x)=(\bar{u}+\bar{d})/4$ )



- strange sea asymmetry  $\bar{s}(x) \neq s(x)$

NNPDF

