Uncertainties in the ΔG Extraction from a Global Analysis of Polarized Data CIPRIAN GAL, Stony Brook University, DANIEL DE FLORIAN, RODOLFO SASSOT, Universidad de Buenos Aires, MARCO STRATMANN, Universitaet Regensburg, WERNER VOGELSANG, Univ. of Tuebingen, KIERAN BOYLE, RIKEN BNL Research Center, SWADHIN TANEJA, ABHAY DESHPANDE, Stony Brook University — In the latest global analysis from DSSV the ΔG and its uncertainty are extracted based on polarized DIS and p+p collisions. Presently in the DSSV analysis the experimental uncertainties are all treated as uncorrelated. One way to improve our knowledge of ΔG is to get a more complete understanding of these uncertainties. We do this by expanding the analysis to include experimental correlated uncertainties (like polarization). The results from this work together with an overview of the global analysis from DSSV will be discussed.

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