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A Decade of Structure Function Measurements at Jefferson Lab

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With fine precision and extensive kinematic coverage, experimenters at Jefferson Lab have been measuring nucleon and nuclear structure functions, polarized and unpolarized, in the range of momentum transfer $0.01 < Q^2 < 6 \text{ GeV}^2$. These experiments have greatly increased our understanding of parton distributions, higher twists, duality, resonance excitations, non-perturbative QCD, and nucleons in the nuclear medium. Our present ability to determine moments of structure functions makes direct comparisons to QCD calculations and sum rules possible. I will present the state of our art.