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Hadron multiplicities @ COMPASS

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COMPASS recent results on hadron, pion and kaon multiplicities will be presented. The hadron and pion data show a good agreement with (N)LO expectations and some of these preliminary data have been already successfully incorporated in the global NLO fits to world data. However, the most important are kaon multiplicities, which can be used to extract kaon fragmentation functions. These are crucial in solving the so called "strange quark polarization puzzle". The COMPASS results are quite different from the expectations of the DSS fit. They also exhibit a tension with the HERMES results, the only other experiment which measured kaon multiplicities in SIDIS. Therefore, it is utmost important that these measurements are also continued in the future EIC.

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