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LSST SER-SAG-S1: upgrade of QNPy package

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Within the framework of LSST SER-SAG-S1 team's Quasar Neural Process Python package for modeling quasar light curves (QNPy), we integrate Self-Organizing Maps (SOMs) and upgrade the pipeline with Attentive Latent Neural Processes, to catch more nuanced variability. We present the pilot results of our analysis of both models and features sampled from latent layers of neural process on LSST AGN Data Challenge, GAIA, ZTF, and Swift quasar light curves.

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