This package of files is a Python implementation of BEAST.sd, one of the two baseline models for Track I of CPC18 (see https://cpc18.wordpress.com). To run it, save all files to your working directory and run CPC18_T1_main1_BEASTsd.py (you might also need to change the pathname at the top of the wrapper file to match your directory, and uncomment that line). If you are submitting to the first competition track, we ask that your submission would include the main wrapper file supplied, amended only where absolutely necessary (see comments in the source code). This request helps us run your submission in due time.

Please note this code was written in Python 3.6.3 using packages Numpy 0.20.3, and Pandas 1.13.3.