**List of provided files**

*each file is provided as numpy and netcdf*

**tas\_train**

Temperature field (dim 2322), autumn average of September,October,November, 900 years (1-900)

numpy shape (900,2322)

**psl\_train**

sea-level-pressure field (dim 2322), autumn average of September,October,November, 900 years (1-900)

numpy shape (900,2322)

**nao\_index\_train**

North Atlantic Oscillation Index (dim 1), winter averaged of December, January(following year),

February(following year), 900 years (1-901)

numpy shape (900,1)

**tas\_predict**

Temperature field (dim 2322), autumn average of September,October,November, 100 years (901-1000)

numpy shape (100,2322)

**psl\_predict**

Temperature field (dim 2322), autumn average of September,October,November, 100 years (901-1000)

numpy shape (100,2322)