Collection Date | Padded Sequence | Binary Format

2000-02-14 MEANAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]
2001-12-25 MEANAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]
2005-01-01 MEANAT...NNSTDA* [0 1 0 0 ... 0 0 0 1]
2008-09-01 MEANAT...NSTDAA* [0 1 0 0 ... 0 0 0 1]
2011-07-04 MEANAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]
2015-07-01 MEAQAT...STDAA** [0 1 0 0 ... 0 0 0 1]
2016-11-24 MEAQAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]

Variational Autoencoder

encode

Projection

Dim 2

Dim 1

decode

GP Regression: Forecasts

Dim 2

Dim 1

t

Predicted Sequences

MEANAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]
MEANAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]
MEANAT...NSTDAA* [0 1 0 0 ... 0 0 0 1]
MEAQAT...STDAA** [0 1 0 0 ... 0 0 0 1]
MEAQAT...NNSTDAA [0 1 0 0 ... 0 0 1 0]