

namelist file

stitch_metric_framework.R

Analyzing per-block data and comparing datasets

Read in BlobStats files

--readfiles

BlobStats text file (from StitchBlobs or DetectBlobs input)

--mergetable

--readfiles outputs from
BlobStats (both StitchBlobs
and DetectBlobs inputs)

data.frame with
per-timestep blob info

Summarize BlobStats data

--summarize

--readfiles or
--mergetable output

data.frame with per-
block summary info

Read in StitchBlobs files

--readnetcdf

StitchBlobs
NetCDF

array containing
StitchBlobs variable

Compare blocking between two datasets

--intercomparison

per-timestep
data.frames and
StitchBlobs arrays

--pearsonrmse

StitchBlobs arrays

Per-timestep:
probability of
co-occurrence and
spatial similarity

**Averaged blocking
pattern:** Pearson
correlation and RMSE

Generate summary report

--genreport

outputs from
above functions