FIGURES DESCRIPTION

Figures generated by pyClim-SDM are listed and explained below:

id	experiment	figType	aggregation	var	climdex/ pred	method/ model/scene	season
1	PRECONTROL	correlationMap	daily	$var	$pred	None	$season
2	PRECONTROL	correlationBoxplot	daily	$var	None	None	$season
3	PRECONTROL	nansMap	daily	$var	$pred	$model-$scene	None
4	PRECONTROL	nansMatrix	daily	$var	None	$scene	$season
5	PRECONTROL	biasBoxplot	all	$var	$pred	None	$season
6	PRECONTROL	evolSpaghetti	all	$var	$pred	$scene	$season
7	PRECONTROL	qqPlot	all	$var	$pred	None	$season
8	PRECONTROL	annualCycle	None	$var	$pred	$scene	$season
9	PRECONTROL	evolTube	all	$var	$pred	$scene	$season
10	EVALUATION	annualCycle	None	$var	None	all	None
11	EVALUATION	correlationBoxplot	daily	$var	None	all	$season
12	EVALUATION	varianceBoxplot	daily	$var	None	all	$season
13	EVALUATION	qqPlot	daily	$var	None	$method	$season
14	EVALUATION	r2Map	daily	$var	None	$method	$season
15	EVALUATION	accuracyMap	daily	$var	None	$method	$season
16	EVALUATION	correlationMap	monthly	$var	None	$method	None
17	EVALUATION	r2Map	monthly	$var	None	$method	None
18	EVALUATION	biasBoxplot	all	$var	$climdex	$method	$season
19	EVALUATION	obsMap	all	$var	$climdex	$method	$season
20	EVALUATION	estMap	all	$var	$climdex	$method	$season
21	EVALUATION	biasMap	all	$var	$climdex	$method	$season
22	EVALUATION	scatterPlot	all	$var	$climdex	$method	$season
23	PROJECTIONS	evolSpaghetti	all	$var	$climdex	$method	$season
24	PROJECTIONS	evolTube	all	$var	$climdex	$method	$season

25	PROJECTIONS	meanChangeMap	all	$var	$climdex	$method	$season
26	PROJECTIONS	stdChangeMap	all	$var	$climdex	$method	$season
27	PROJECTIONS	evolTrendRaw	all	$var	$climdex	all	$season

1. Correlation between predictor and predictand.
2. Correlation for all predictors.
3. Map with NANs (missing data)
4. Percentage of NANs (spatially averaged)
5. Bias of GCMs compared to the reanalysis (in the mean value)
6. Evolution of each predictor and GCM in the future.
7. QQ-plot (historical vs reanalysis)
8. Annual cycle (multi-model comparison: historical and future scenes)
9. Evolution graph for the multimodel ensemble (the central line represents 50th percentile and the shaded area represents IQR).
10. Annual cycle.
11. Correlation (Pearson for temperature and Spearman for precipitation) of the daily series.
12. Bias (relative, %) in the variance of the daily series.
13. QQ-plot for the daily series.
14. R2 score of the daily series (Coefficient of determination)
15. Accuracy score for the daily series (only for wet/dry classification. Acc=corrects/total)
16. Correlation for the monthly accumulated series.
17. R2 score for the monthly accumulated series.
18. Bias (absolute/relative) for the mean climdex in the whole period.
19. Mean observed values in the whole period.
20. Mean estimated (downscaled) values in the whole period.
21. Bias (absolute/relative) in the whole period.
22. Downscaled vs. observed climdex in the whole period.
23. Evolution graph for each GCM.
24. Evolution graph for the multimodel ensemble (the central line represents the mean and the shaded area represents the standard deviation).
25. Change in a future period with respect to a reference period given by the multimodel ensemble mean (mean change).
26. Standard deviation in the multimodel ensemble change (spread).
27. Trend given by a SDM vs raw GCMs