CSScorecards

CSScorecards is an R-based software package to produce a scorecard visualisation pooling several assessment metrics into a unique image. The package includes a fundamental function that allows adapting its design for the desired number of metrics and cases under evaluation saving the image in png format. For each metric, a colour legend is added to the image to ease the interpretation. The package also includes tailored functions to produce scorecards for the performance of climate forecast systems. Single-system scorecards can be produced, as well as multiple systems, to be able to make a comparison between different systems. Furthermore, functions for the retrieval of pre-computed metrics from netCDF files and the spatial aggregation of the metrics for user-specific regions are part of the package to facilitate its adoption.

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