

Stages of verification

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Purpose of verification

Strengths and shortcomings of the models

Do one model perform better than others?

Look for systematic errors

Stages of verification





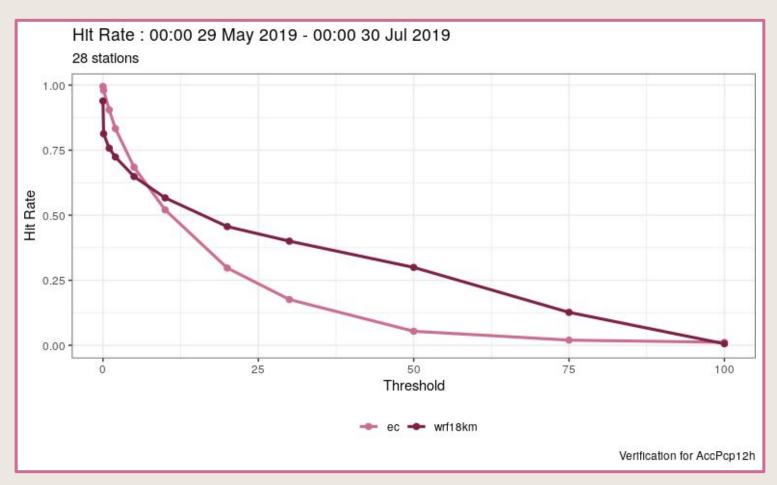


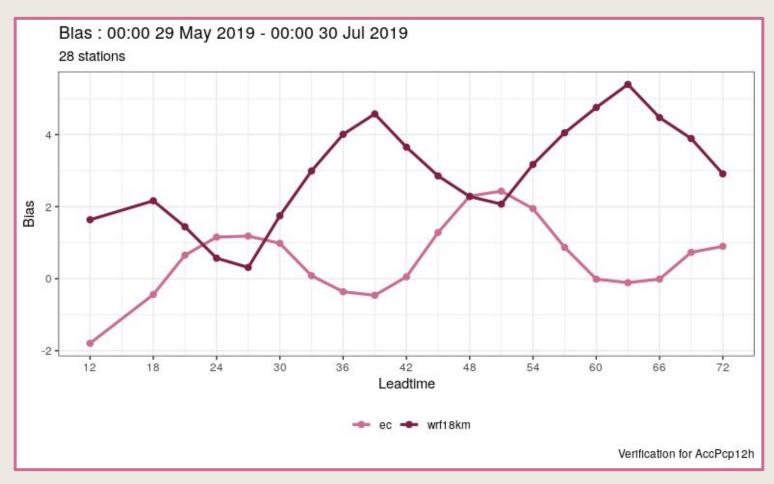
- Different methods.
- Different groups of stations.
- Different models.



Methods

- What information does this score give you?
- Does it agree or disagree with other results?
- Does it add value?









Groups

- Geographical regions.
- Elevation above sea level.
- Surface type.
- Others?



Models

- Best overall performance.
- Better in certain cases.







- Select useful verification results.
- Decide boundaries for what is necessary to include.
- Structure!



Other information

- The models verified.
- (Type of post-processing).
- Verification measures.
- Observations.



A text summary about the main results is helpful for yourself and other readers.



Examples

Reports titled

"Verification of Operational

Weather Prediction Models..." at

https://www.met.no/publikasjoner/

met-info







5 guiding questions:



What is the purpose?



Who is the receiver?



What is their prior knowledge?



How much time and interest do they have?



Written, oral or both?

Discussion on reporting

- Who are the reports for?
- Are there any external requirements or needs?
 - methods
 - grouping of stations
 - models
 - o other?
- Which time periods are relevant, e.g. seasonal and/or yearly reports?
- Which are the most important verification results to include?