

## Introduction

Modified Taylor diagrams allow the second-order statistics for multiple models and for a variety of parameters to be plot simultaneously.

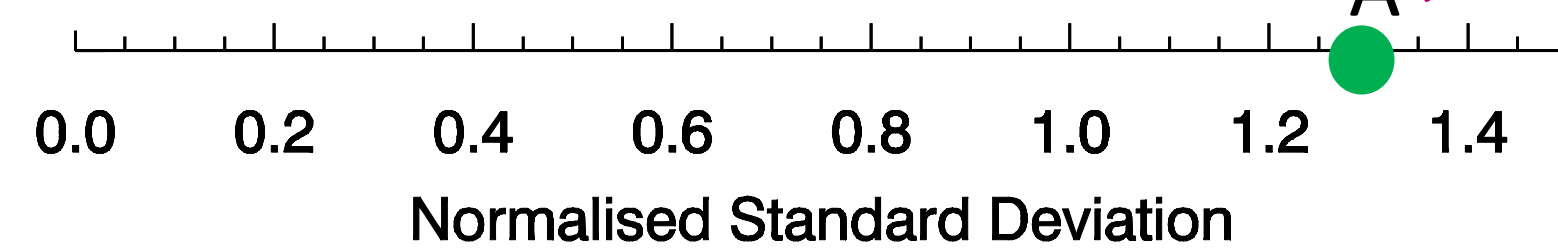
Considering a stationary time series of a model parameter and observation data for that parameter modified Taylor diagrams are constructed in the following way:

$\sigma_{Mod}$  = Std. Dev. of model values

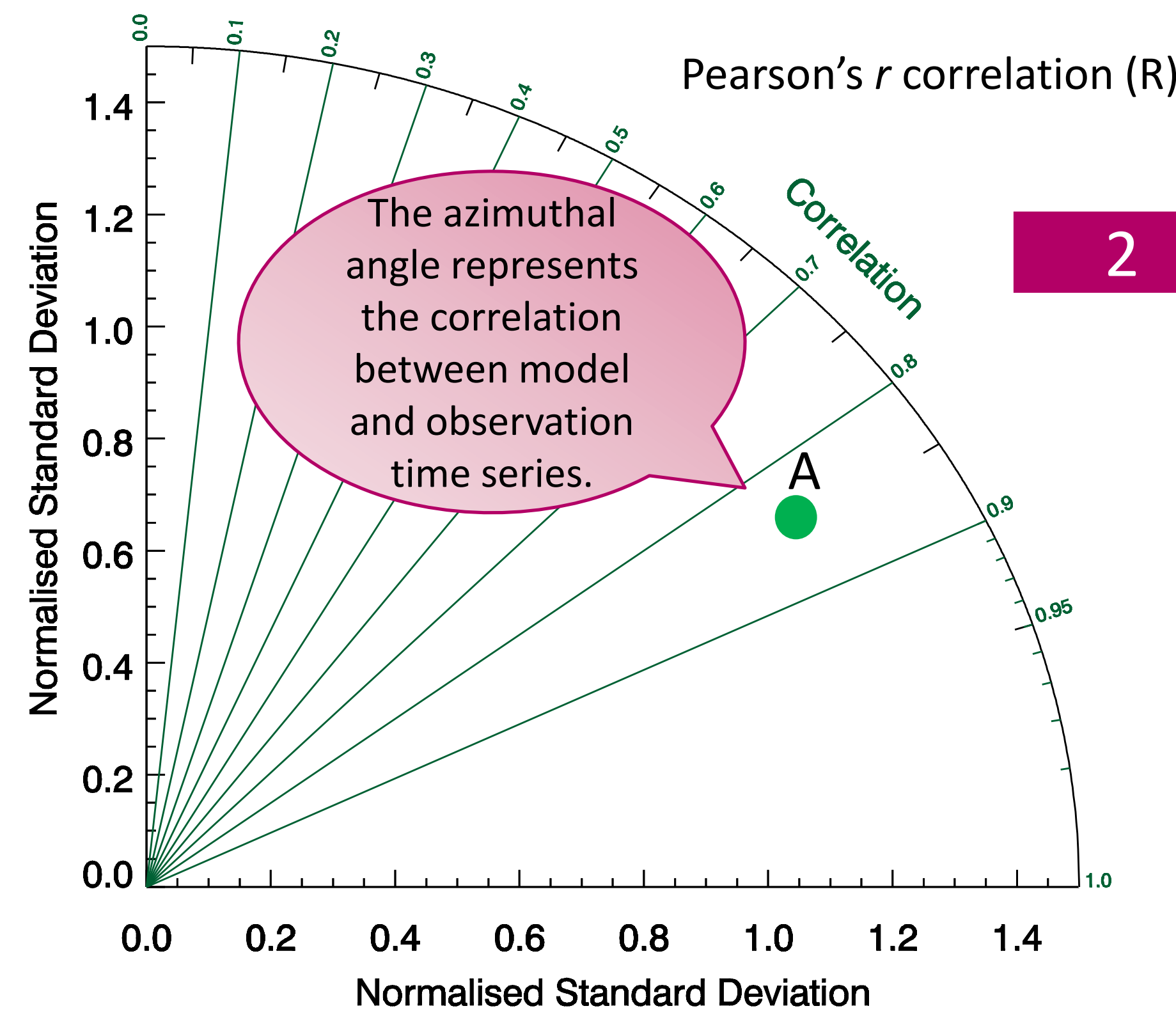
$\sigma_{Obs}$  = Std. Dev. of observation values

$$\hat{\sigma} = \frac{\sigma_{Mod}}{\sigma_{Obs}}$$

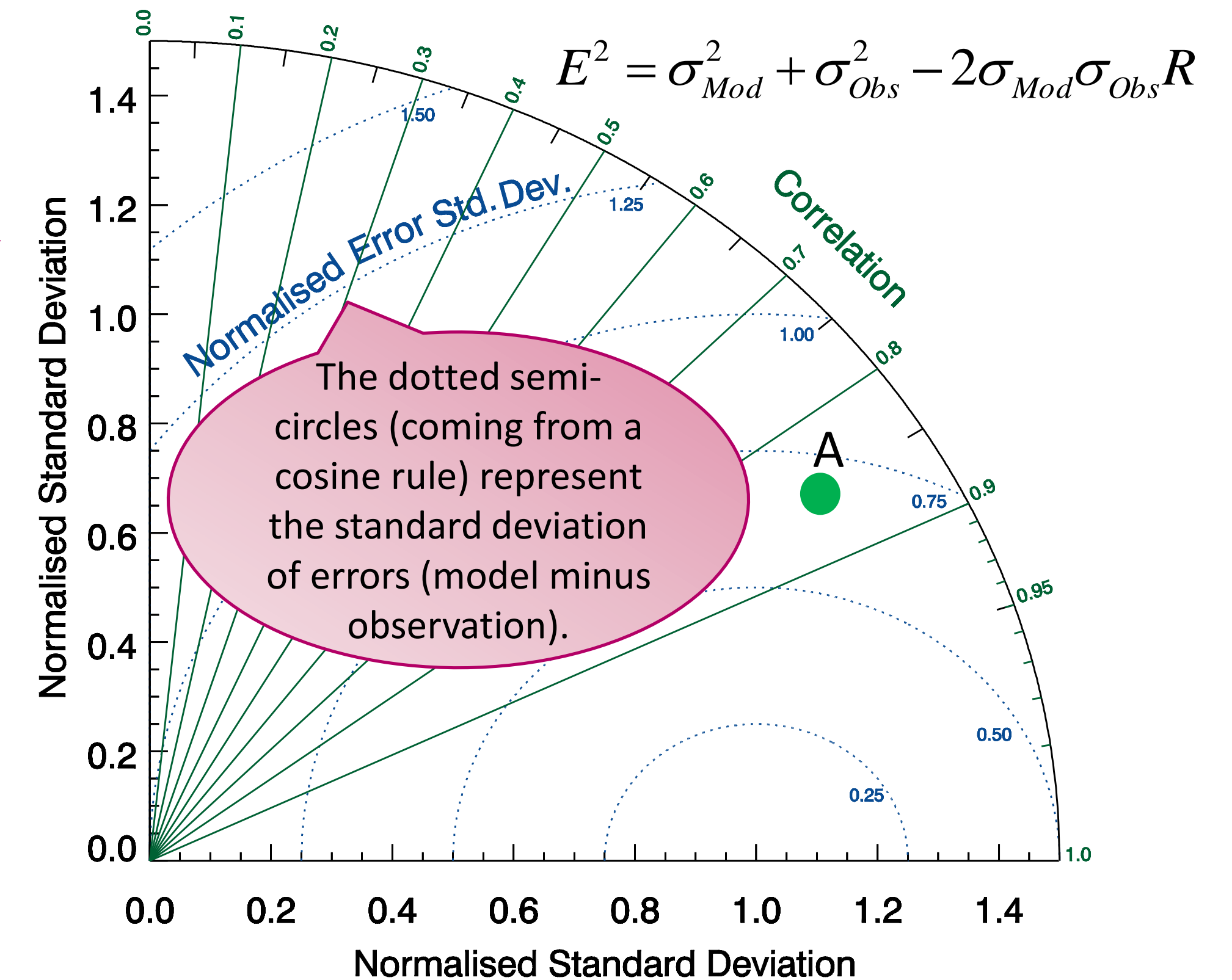
Radial distance from the origin represents the normalised standard deviation of the model time series.



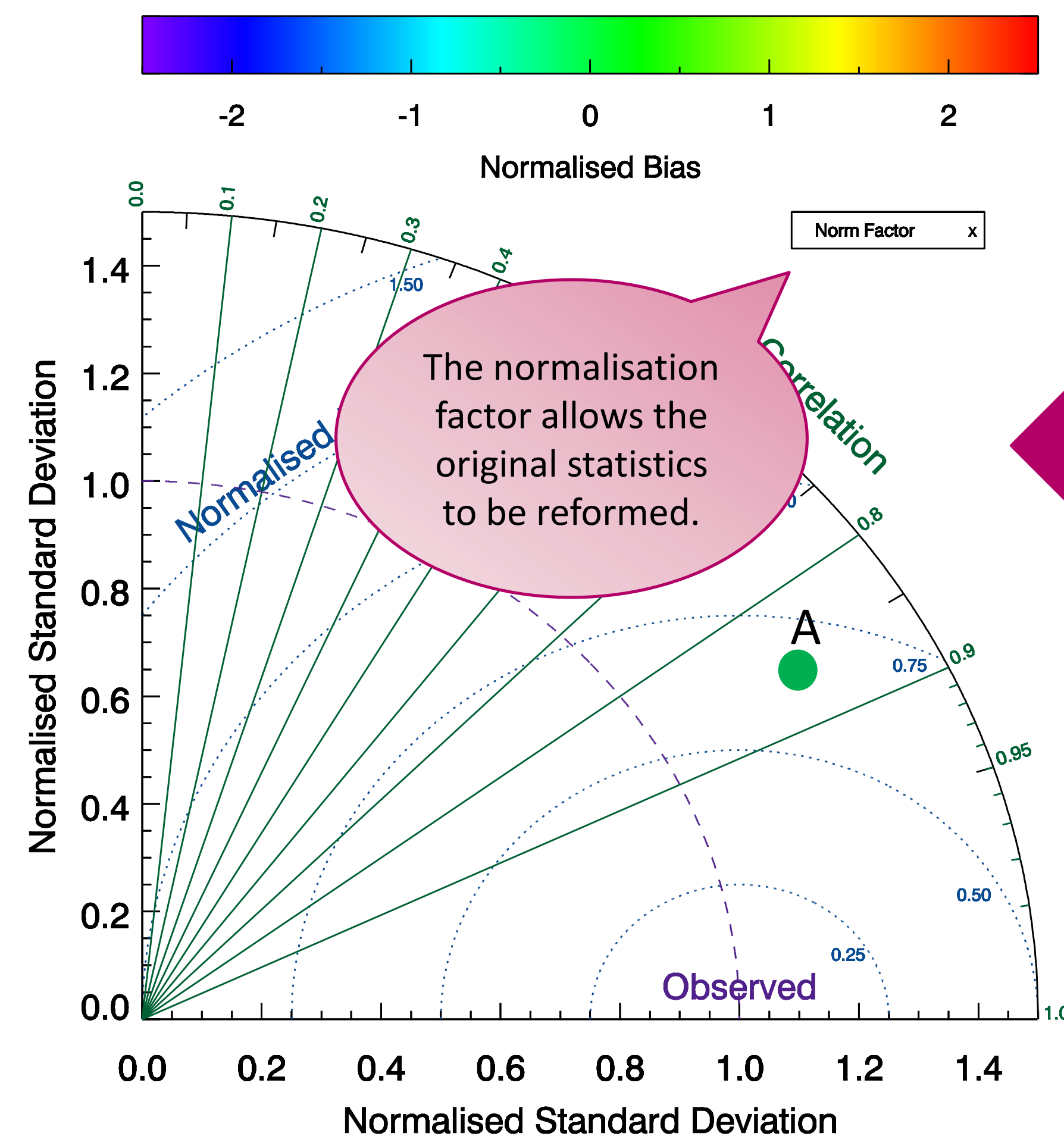
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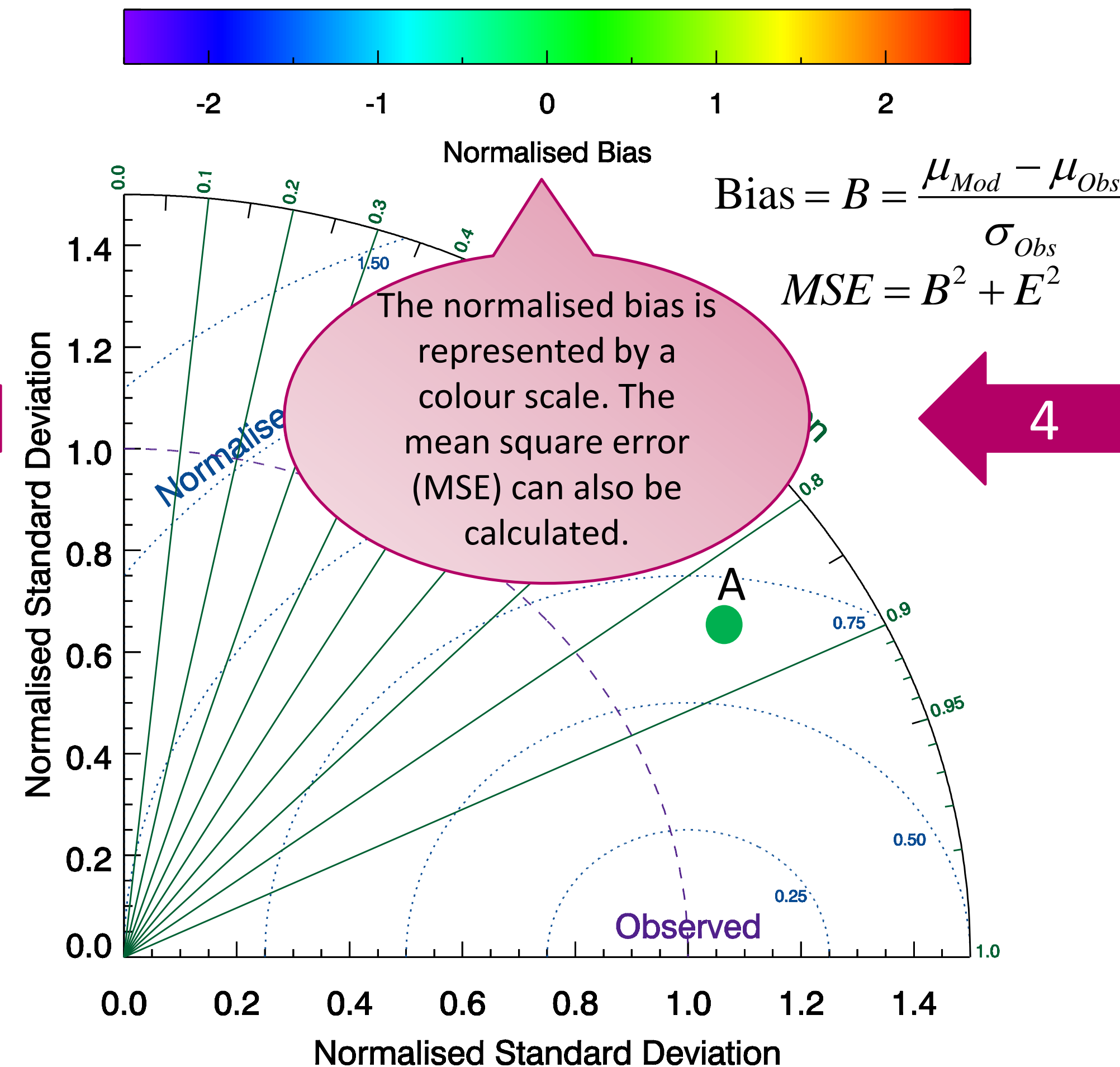
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