



A new wind verification method based on the Fraction Skill Score

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Fraction Skill Score (FSS) is a popular metric used for precipitation verification. The method is relatively simple to understand and easy to implement while simultaneously exhibits some very useful properties. The score, as originally defined, can analyze only scalar variables. Here an attempt was made to extend the score to be able to analyze wind vector fields in a meaningful way. The new score was calculated and analyzed for cases in the MesoVICT database and some idealized setups.