



POD and FAR, as commonly used in operational RI forecast (Kaplan et al. 2015). The PSS is computed as:

$$PSS = \frac{ad - bc}{(a + c)(b + d)}$$

which ranges from -1 to 1 with -1 being no skill and 1 being perfect. The dichotomous categorical forecast predicts a RI occurrence if the predicted dvmax value meets the threshold (25 knots in this competition). For a binary dichotomous forecast based on a threshold from a continuous predictor, the PSS is found to be a good scalar measure of the overall skill.

## 5 CONTACT

If you have other questions about the competition or dataset, please reach out to us through [cici@rmdslab.com](mailto:cici@rmdslab.com).