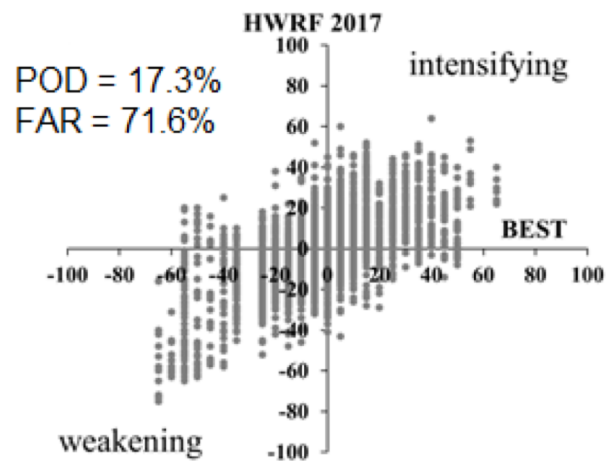
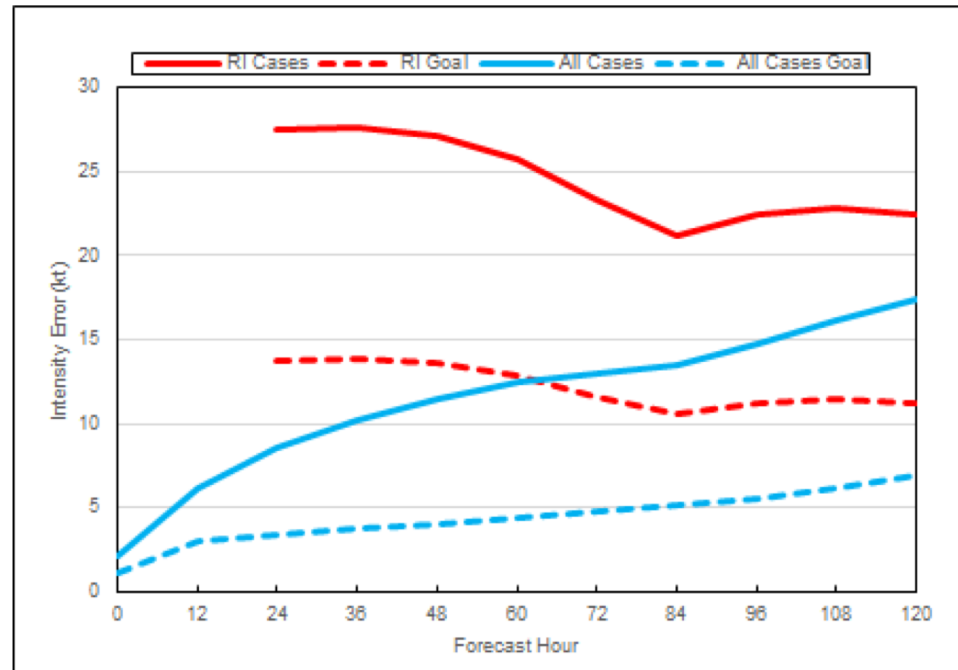


# Reaching consensus on RI metric(s)



Intensity change binned by 10 knots



Sample size and definition of RI ?

Gopal & Sikchya

<b>Goal 1</b>	<b>Reduce track, intensity, and structure forecast guidance errors by 50% relative to a 2017 baseline. Reduce intensity forecast guidance errors by 50% for RI events.</b>
Metric 1.1	Mean absolute error (MAE) of TVCN track consensus
Baseline	TVCN MAE, Atlantic basin 2015-17, at 12, 24, 36, 48, 72, 96, and 120 hr: 23.1, 35.6, 47.6, 63.1, 101.5, 146.4, 195.9 n mi
Target	11.6, 17.8, 23.8, 31.6, 50.8, 73.2, 98.0 n mi
Metric 1.2	MAE of IVCN intensity consensus
Baseline	IVCN MAE, Atlantic basin 2015-17, at 12, 24, 36, 48, 72, 96, and 120 hr: 6.1, 8.5, 10.2, 11.4, 12.6, 14.4, 17.1 kt
Target	3.1, 4.3, 5.1, 5.7, 6.3, 7.2, 8.6 kt
Metric 1.3	<b>RI metric (to be determined - see text)</b>
Baseline	
Target	
Metric 1.4	MAE of 34-kt RVCN radii consensus