Application of Weighted Analog Intensity Prediction (WAIP) guidance on Philippine tropical cyclone events

Robb P. Gile, John Carlo S. Sugui, Juanito S. Galang, Esperanza O. Cayanan, Hsiao-Chung Tsai, Yung-Lan Lin, Ai-Mei Chia, Ping-Yu Lin, Kuo-Chen Lu, and Ben Jong-Dao Jou

Table S1. The table below presents the test for normality and the Wilcoxon signed-rank test to determine the statistical significance of the difference between the MAEs of the intensity forecasts from WAIP and persistence at 95% confidence interval ($\alpha = 0.05$).

MAE difference at forecast interval:	Shapiro-Wilk test		Wilcoxon signed-rank test		
	Statistic	p-value	W	No. of tied values	p-value
12 h	0.981	< 0.001	61248.5	98	0.007
24 h	0.990	< 0.001	43799.0	52	< 0.001
36 h	0.989	0.001	29428.0	27	< 0.001
48 h	0.985	< 0.001	16777.0	10	< 0.001
72 h	0.983	0.011	3143.5	8	< 0.001
96 h	0.949	0.005	901.0	1	0.021
120 h	0.924	0.040	232.5	1	0.509