

Forecast Error Results – 60hr Forecast, Hurricanes Only

Category IRRs

Category	100nm	200nm	300nm	400nm	500nm
Cat 1	2.695 [2.514, 2.890]	2.029 [1.944, 2.119]	1.762 [1.692, 1.835]	1.956 [1.863, 2.053]	1.683 [1.600, 1.770]
Cat 2	0.968 [0.833, 1.124]	0.751 [0.696, 0.811]	0.742 [0.693, 0.796]	0.877 [0.830, 0.927]	0.786 [0.733, 0.843]
Cat 3	0.992 [0.950, 1.035]	0.817 [0.775, 0.862]	0.780 [0.739, 0.824]	0.795 [0.741, 0.853]	0.739 [0.685, 0.797]

Storm Class IRRs

Storm Class	100nm	200nm	300nm	400nm	500nm
Class 1	1.255 [1.172, 1.345]	1.003 [0.956, 1.052]	0.910 [0.887, 0.933]	0.889 [0.867, 0.911]	0.906 [0.883, 0.930]
Class 2	0.826 [0.809, 0.843]	0.834 [0.813, 0.855]	0.840 [0.818, 0.863]	0.864 [0.838, 0.891]	0.834 [0.805, 0.863]
Class 3	0.990 [0.835, 1.173]	1.005 [0.877, 1.152]	0.913 [0.788, 1.059]	1.141 [0.931, 1.399]	1.532 [1.286, 1.825]
Class 4	1.285 [1.116, 1.480]	0.584 [0.492, 0.694]	1.394 [1.194, 1.627]	1.895 [1.089, 3.300]	0.850 [0.757, 0.954]

Forecast Error Contrasts

Comparison	100nm	200nm	300nm	400nm	500nm
FP vs. TN (3 – 2)	1.199 [1.012, 1.421]	1.205 [1.045, 1.389]	1.088 [0.935, 1.265]	1.321 [1.078, 1.620]	1.838 [1.500, 2.176]
FN vs. TP (4 – 1)	1.024 [0.899, 1.167]	0.582 [0.487, 0.696]	1.532 [1.317, 1.783]	2.133 [1.226, 3.710]	0.938 [0.800, 1.076]
DiD: (TP – FN) – (FP – TN)	0.854 [0.699, 1.044]	0.483 [0.378, 0.618]	1.409 [1.184, 1.677]	1.614 [0.913, 2.854]	0.510 [0.400, 0.620]