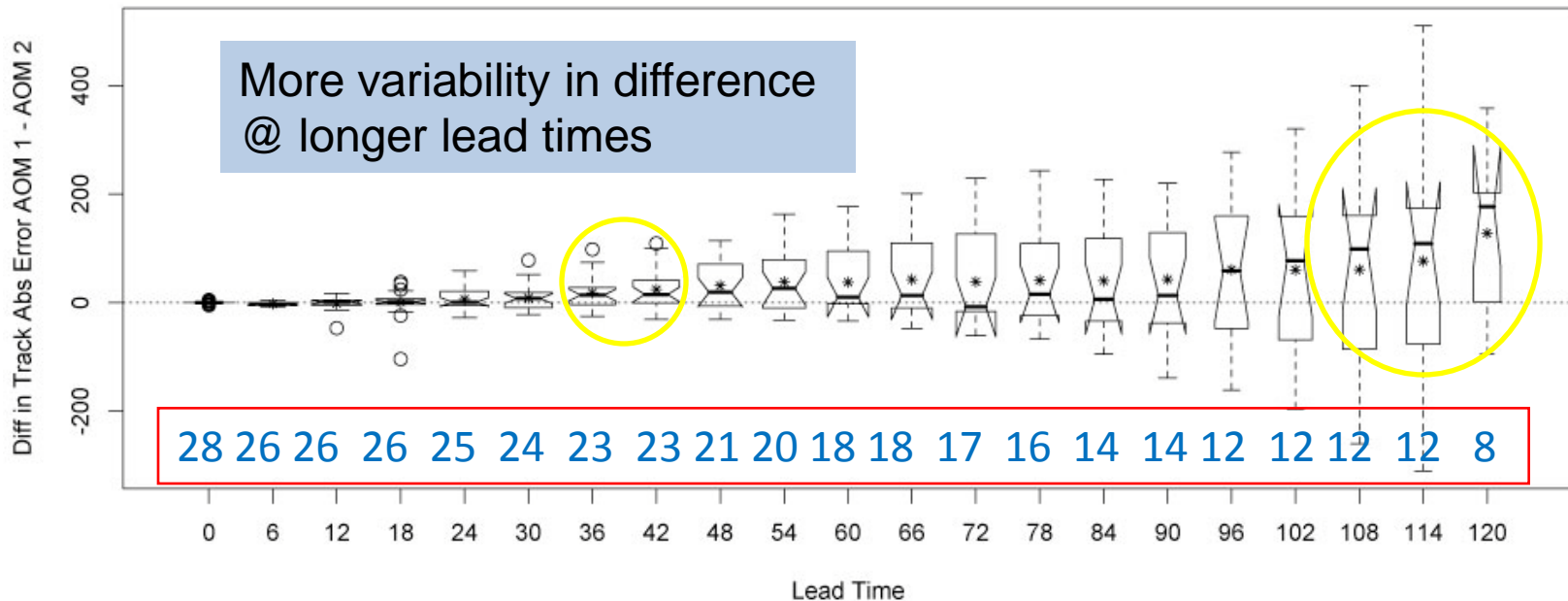
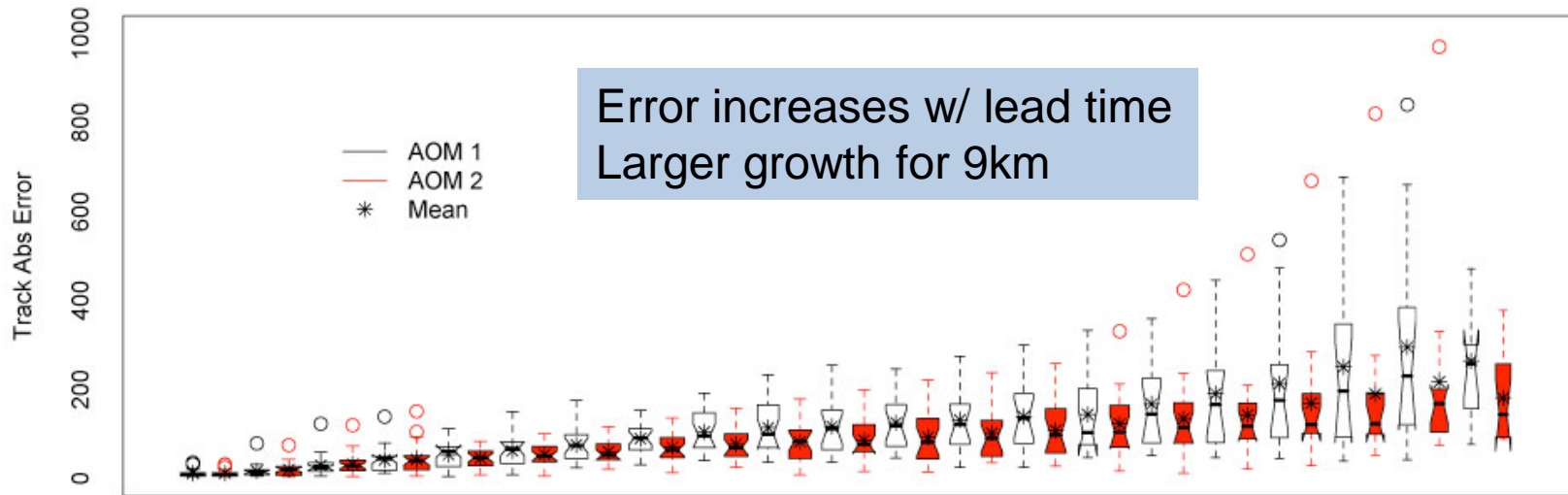


Verification Statistics: AOML and MMM

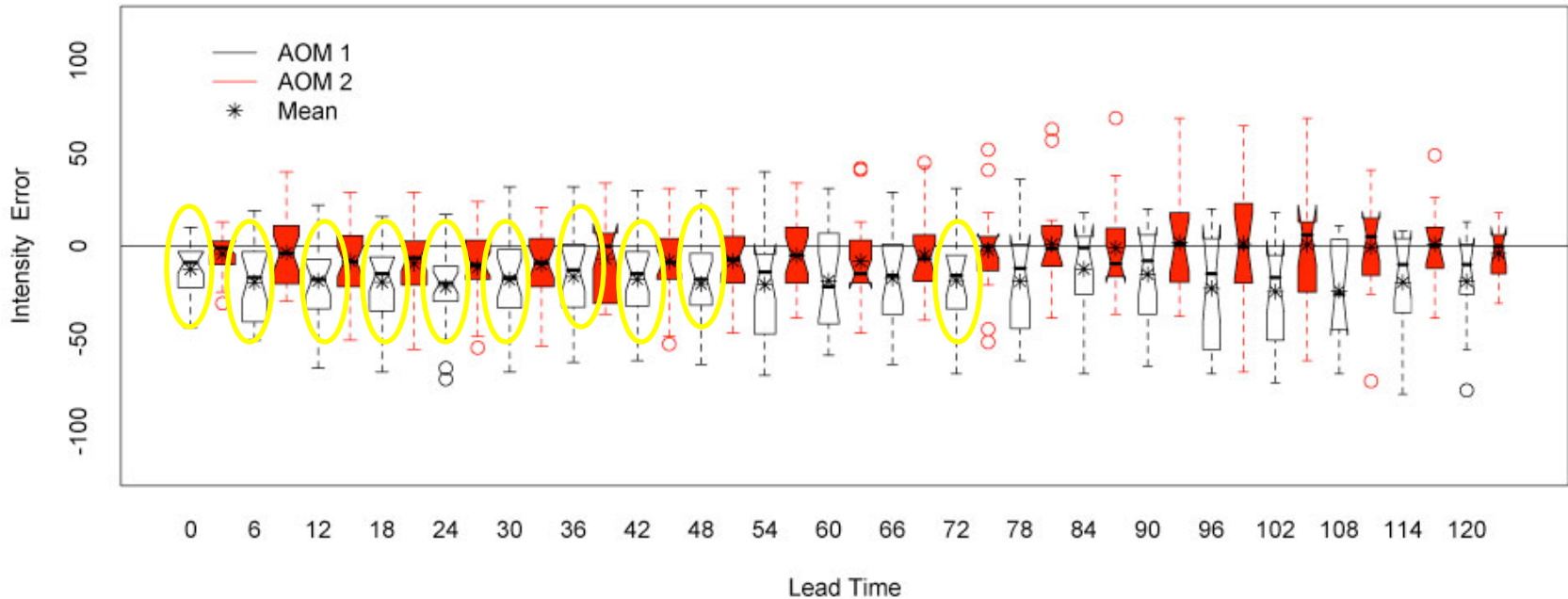
Overview of AOML Cases

- Resolutions: 9 km vs 3 km
- Total of 28 cases from 5 storms
- Track length over 20% shorter than Best Track for 35% of these cases

Track Absolute Error - AOML

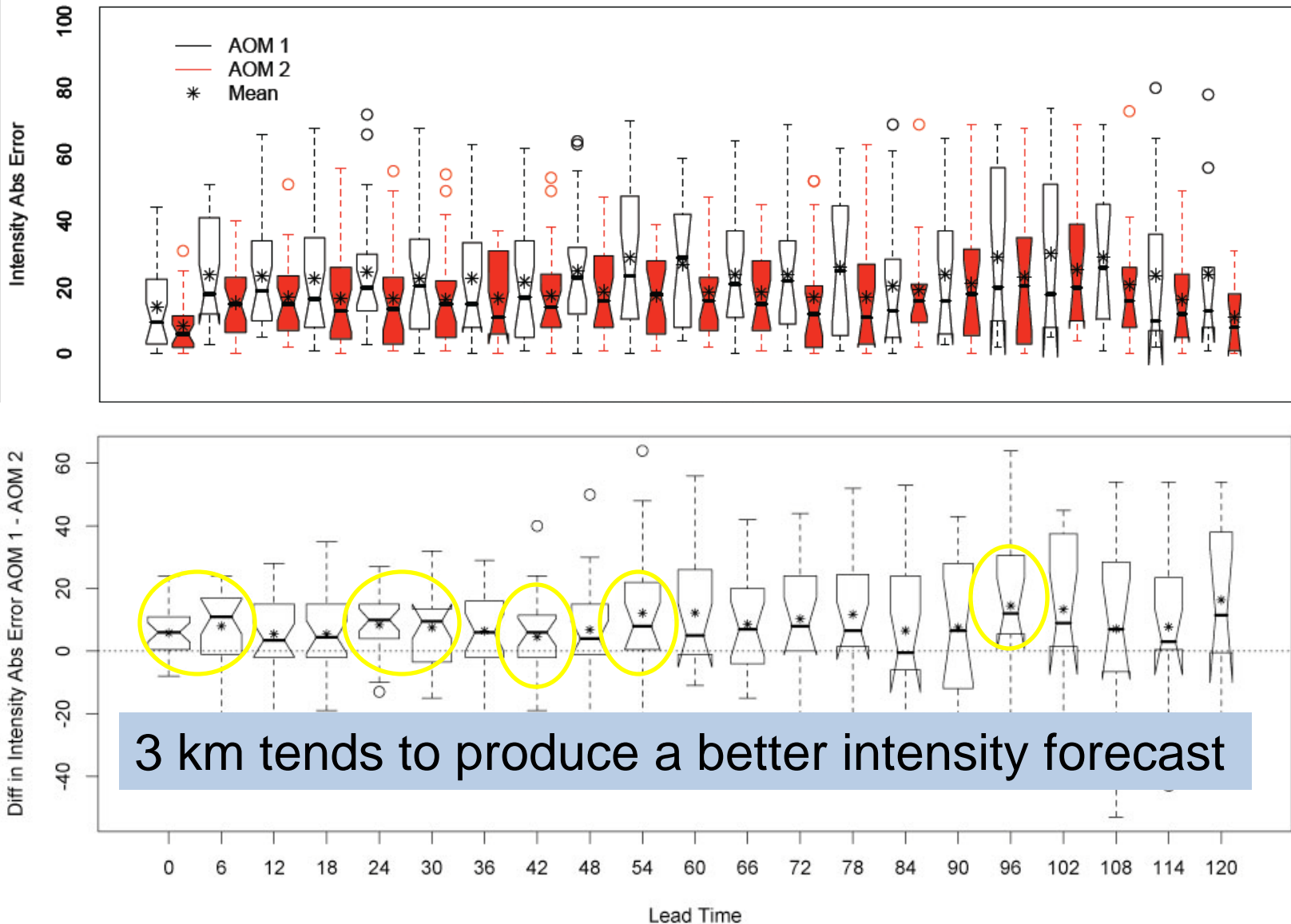


Intensity Error - AOML

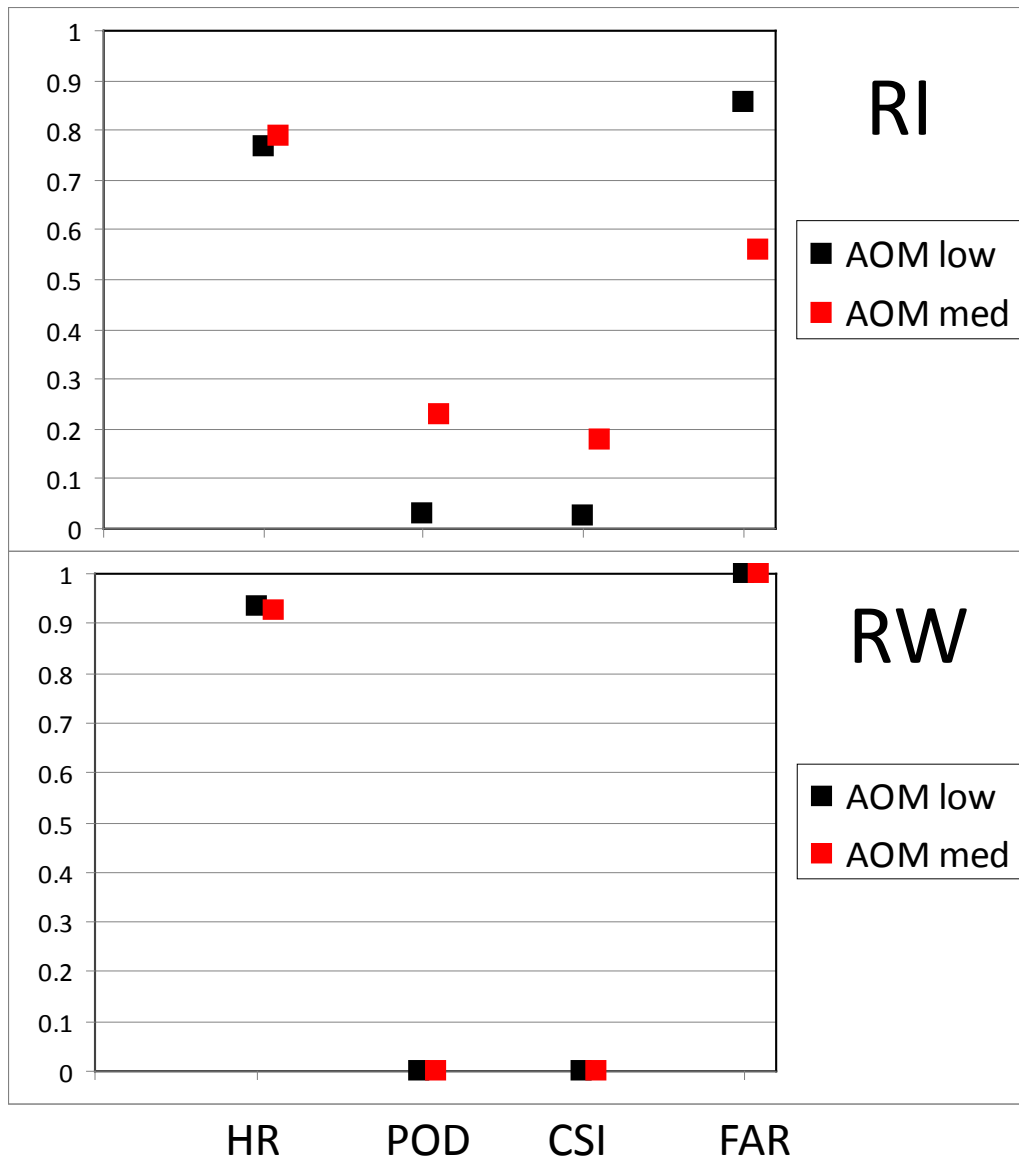


9km tends to under predict intensity
3 km exhibits less systematic error

Intensity Absolute Error - AOML



RI/RW Verification for AOML



		Observed	
		Yes	No
AOM1	Yes	2	12
AOM1	No	64	251
AOM2	Yes	15	19
AOM2	No	51	244

		Observed	
		Yes	No
AOM1	Yes	0	2
AOM1	No	20	307
AOM2	Yes	0	5
AOM2	No	20	304

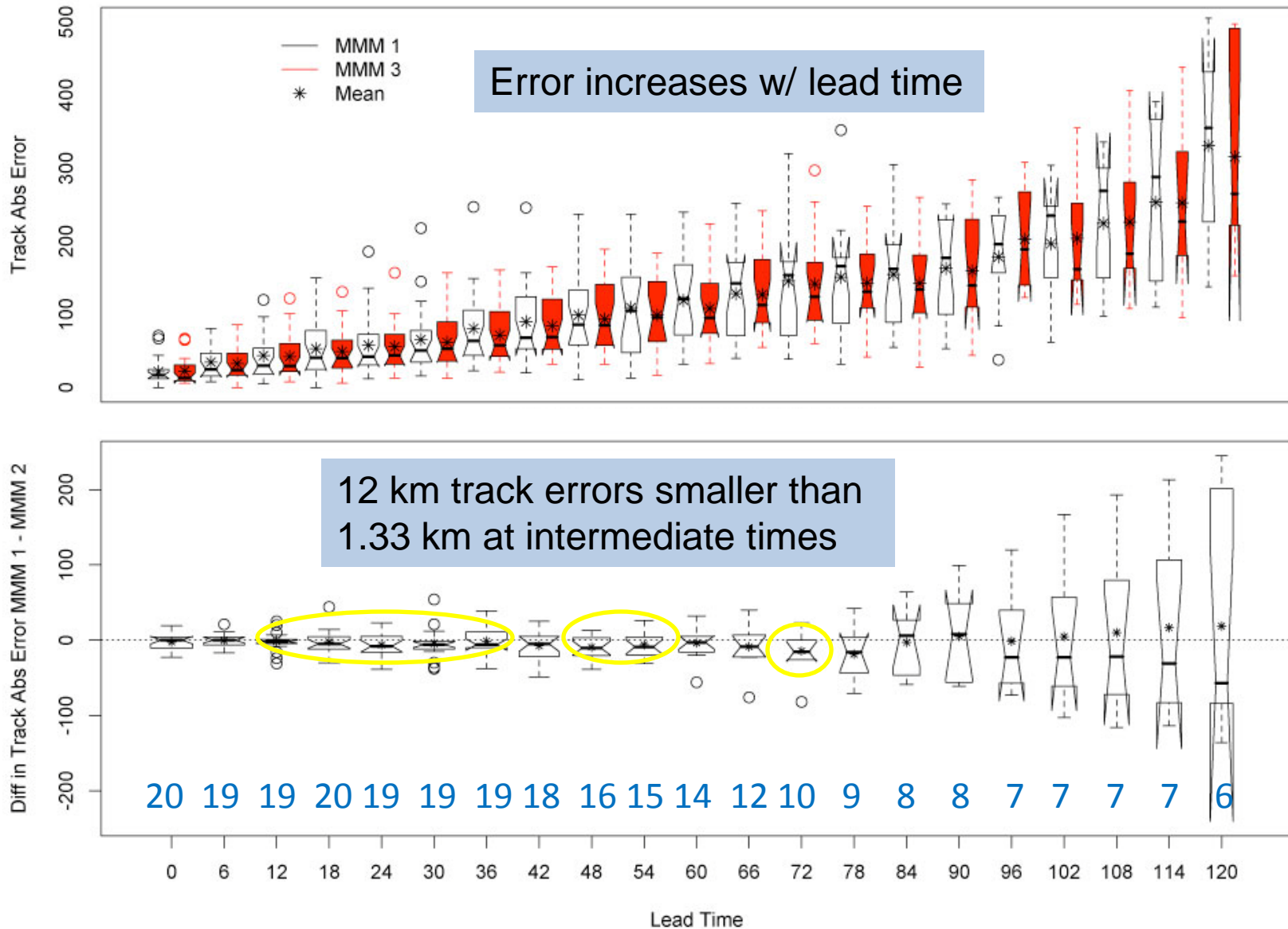
Summary for AOML

- Track exhibits small improvements with increased resolution for longer lead times
- 3 km exhibits less systematic under prediction of intensity than 9 km
- RI forecast improves with higher resolution
- Resolution has no impact on RW forecast

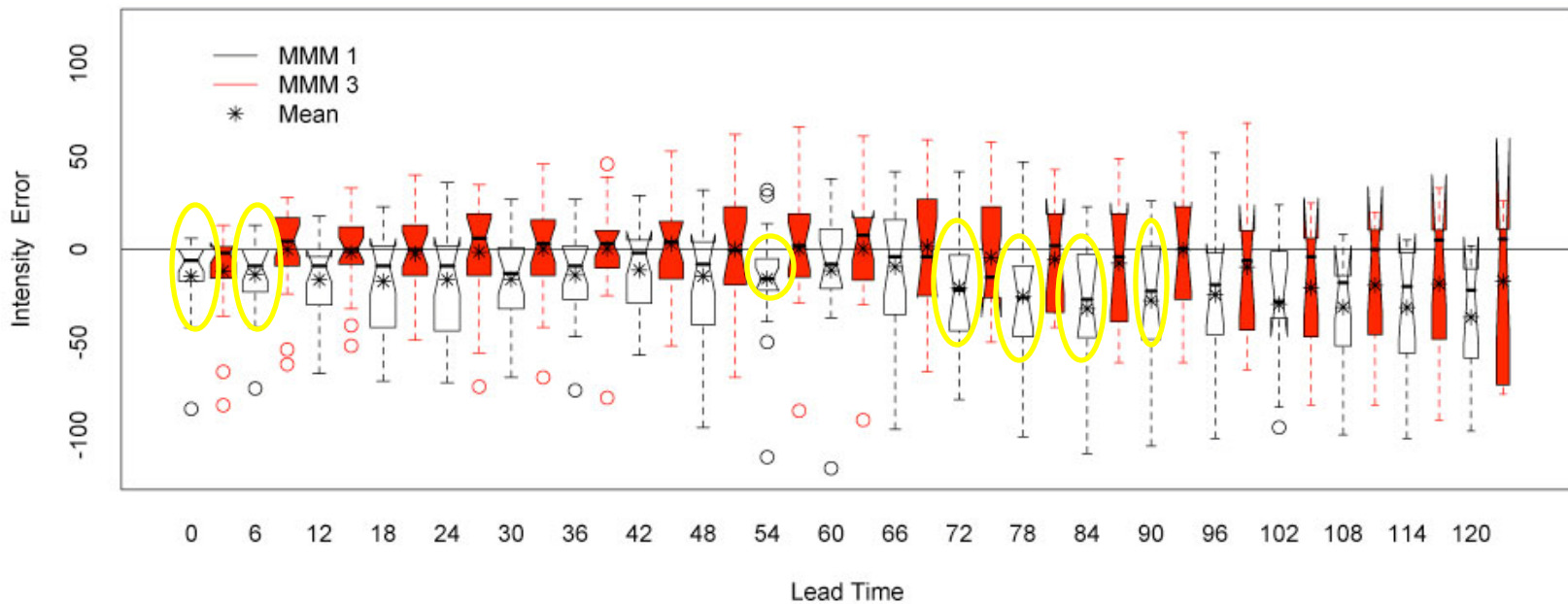
Overview of MMM Cases

- Resolutions: 12 km vs 1.33 km
- Total of 20 cases from 6 storms
- Track length over 20% shorter than Best Track for 35% of these cases
- Four of the submitted Wilma cases were not included in analysis because tracker erroneously placed fix on boundary of the 1.33 km nest

Track Absolute Error - MMM

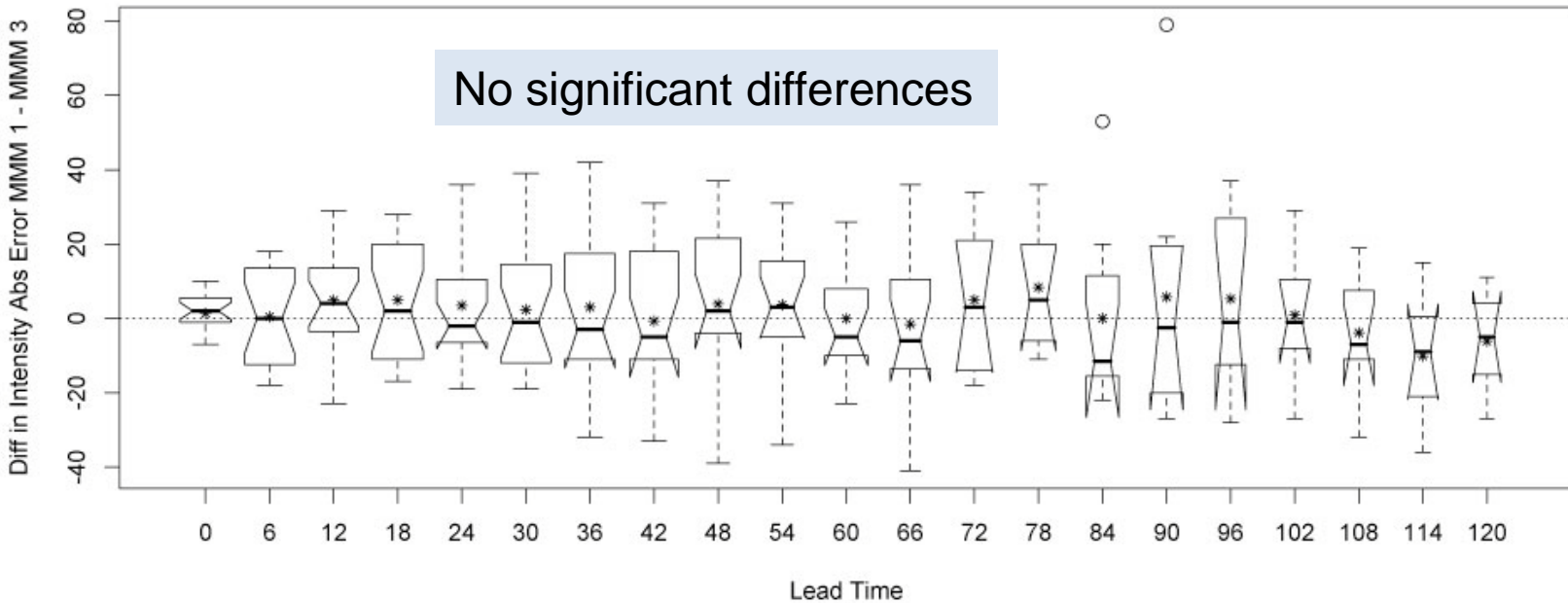
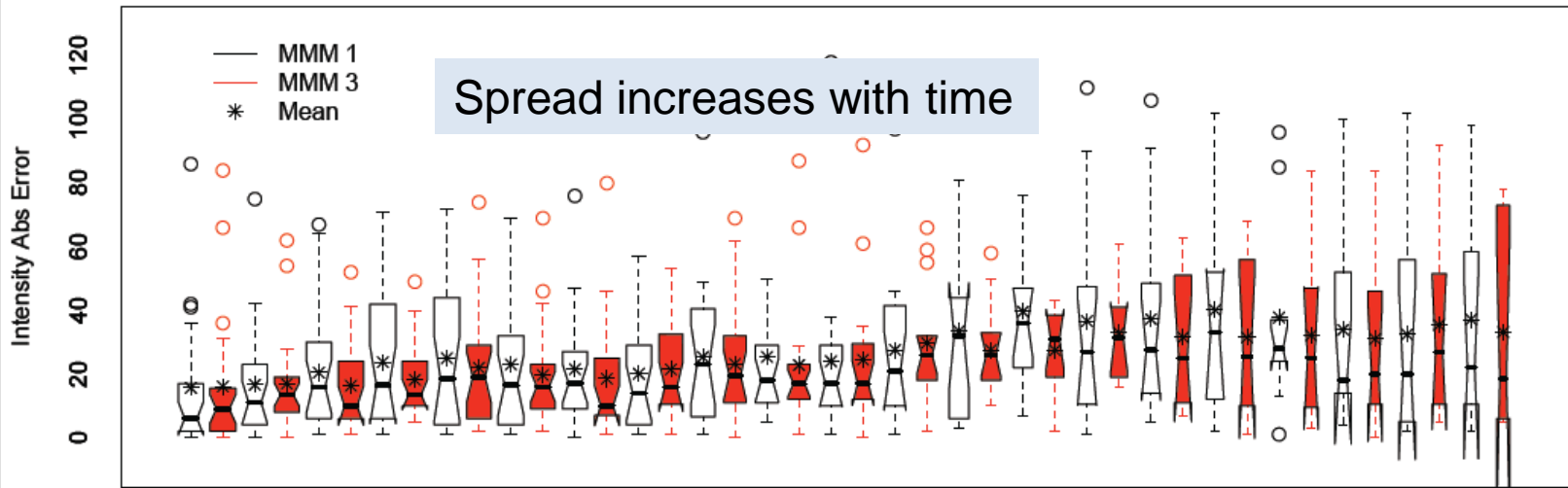


Intensity Error - MMM

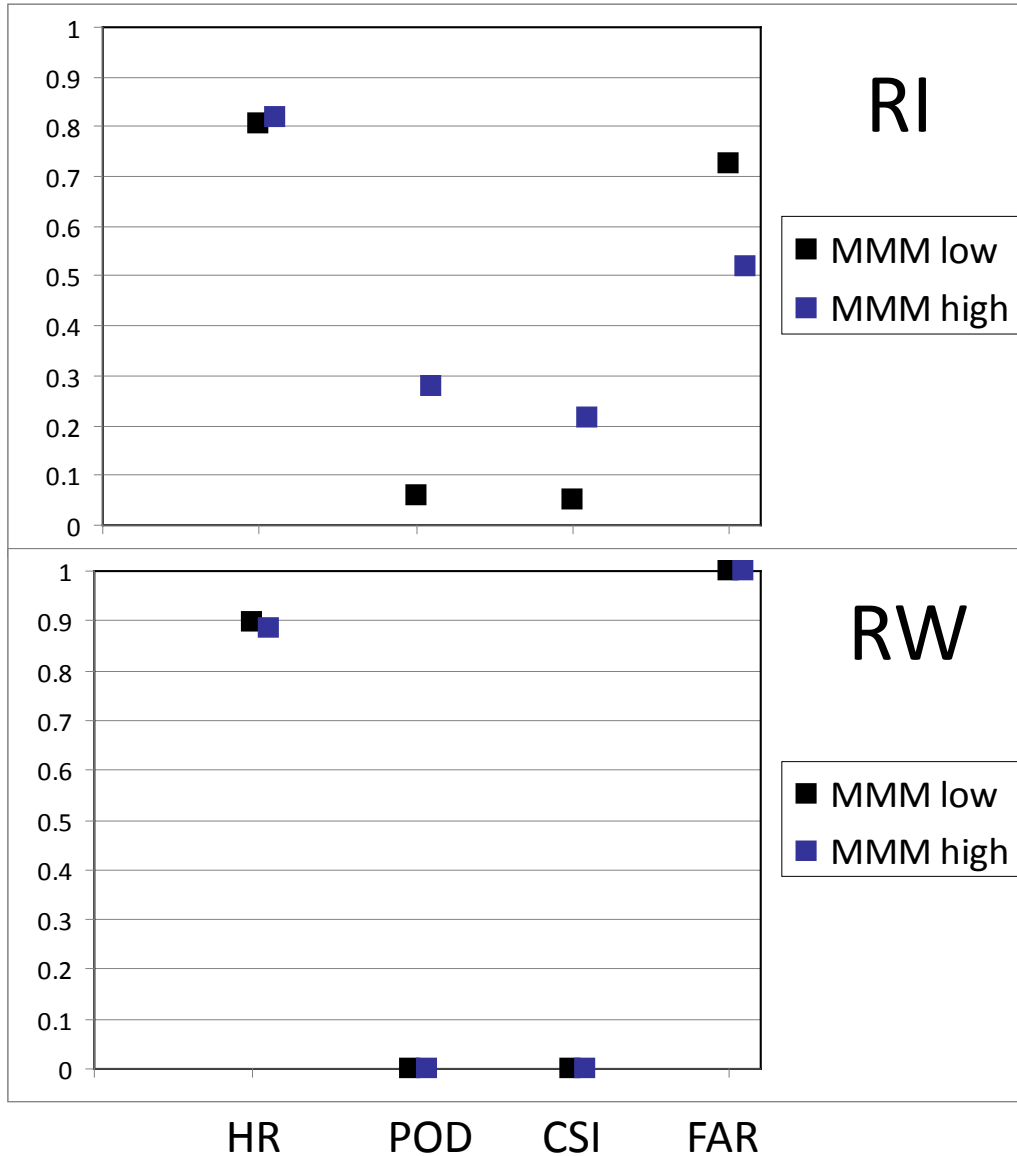


12 km exhibits more systematic under prediction than 1.33 km

Intensity Absolute Error - MMM



RI/RW Verification - MMM



		Observed	
		Yes	No
MMM1	Yes	3	8
MMM1	No	47	224
MMM3	Yes	14	15
MMM3	No	36	217

		Observed	
		Yes	No
MMM1	Yes	0	1
MMM1	No	28	253
MMM3	Yes	0	5
MMM3	No	28	249

Summary for MMM

- Slight degradation in track with increased resolution
- 12 km exhibits more systematic under prediction of intensity than 1.33 km
- No statistically significant differences in intensity absolute errors
- RI forecast improves with higher resolution
- Resolution has no impact on RW forecast