

$X$	Spectra	Total variance	Seasonal cycle of MJO / ER indices	Phase speed	
++ Good	$0.9 \leq X \leq 1.1$	Realistic signal for MJO and ER	Maximum is correctly located and the variance is comparable to reanalysis	The seasonal maximum and amplitude are comparable to the reanalysis	The phase speed in the model is consistent with the reanalysis
+ Reasonable	$0.8 \leq X < 0.9$ $1.1 < X \leq 1.2$	Realistic signal for MJO or ER	Maximum is correctly located but the variance differs from reanalysis	Seasonal maximum is correctly located but the amplitude differs from reanalysis	
- Not good	$0.7 \leq X < 0.8$ $1.2 < X \leq 1.3$	Weak match between model and reanalysis	The longitudinal distribution and amplitude differ from the reanalysis	Seasonal cycle differ from reanalysis the amplitude is slightly different from reanalysis	The phase speed in the model differs from the reanalysis
-- Poor	$X < 0.7$ $X > 1.3$	No spectral maximum in MJO and ER domain		The seasonal cycle and amplitude differ from the reanalysis	