K2 wave origin?

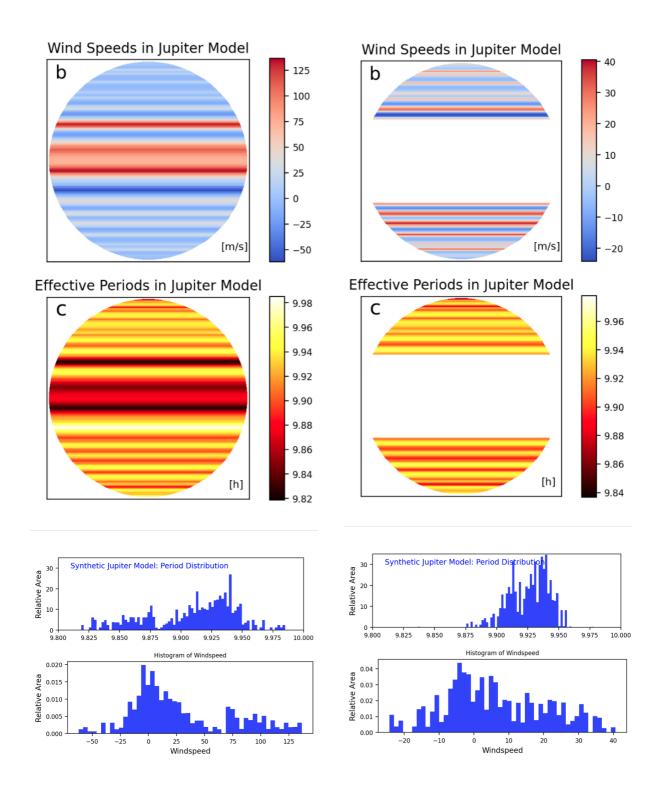
∷ Tags	Papers
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- Why does k=2 peaks does not overlap in Luhman 16 data but does in Neptune data?
- Daniel's take: for Neptune:
 - Most zonal circulation is not visible,
 - The visible part is high up in atmosphere
 - Whether peaks matches between k1 and k2 : depends on width of period distribution
- Width of period distribution depends on the slowest and the fastest wind speed
 - These speeds mostly belongs to the equatorial region
- Potential explanation: k2 waves only seen in the midlatitudes and not the equator.

Test 1: Block out the equator and see how period distribution changes

Yes equator No equator

K2 wave origin?





Yes - mid latitudes wind does have smaller ranges compared to equatorial winds where highest and lowest windspeed are

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