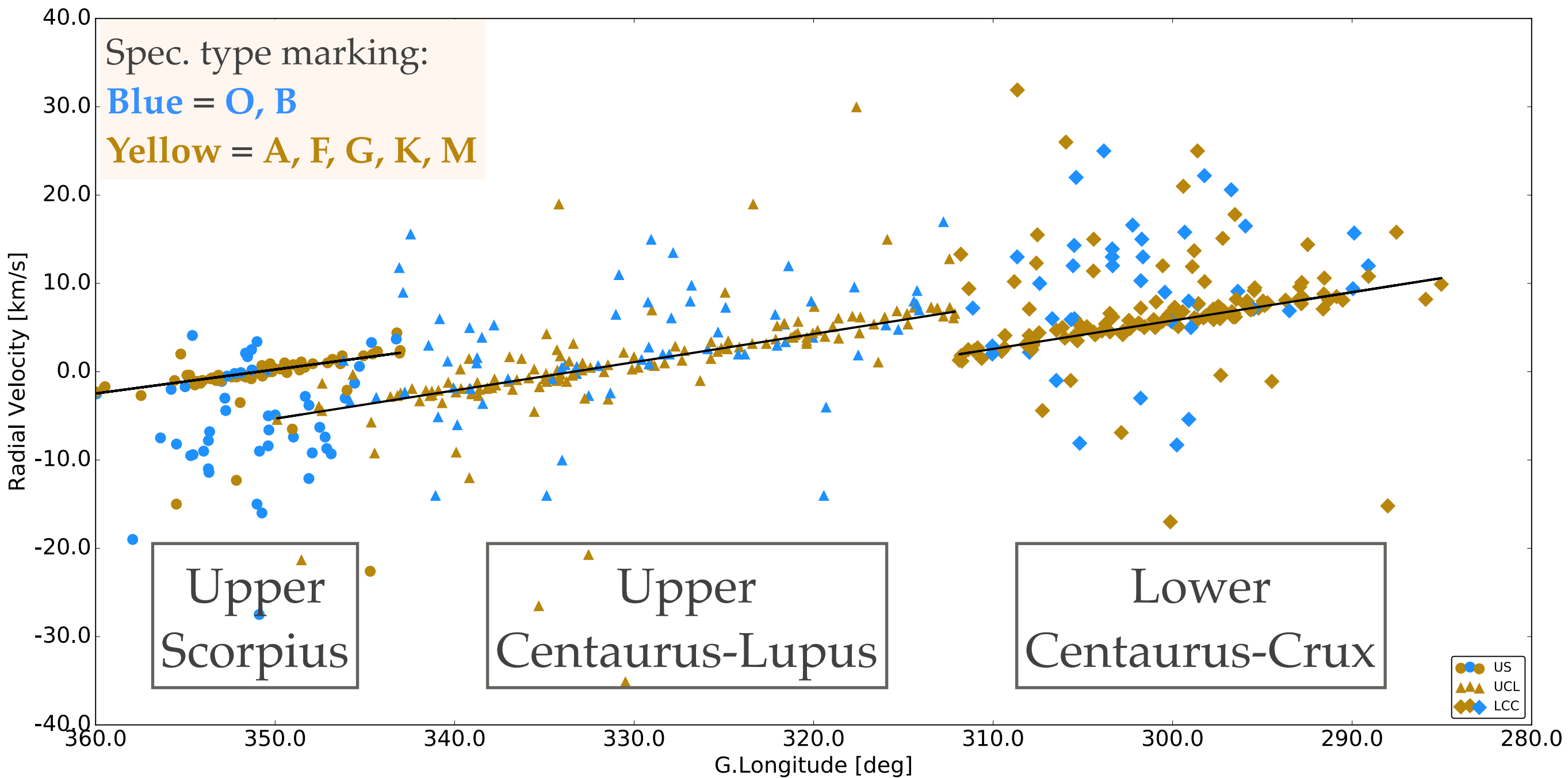


The Subgroup Structure in Sco OB2 Revealed by Radial Velocity

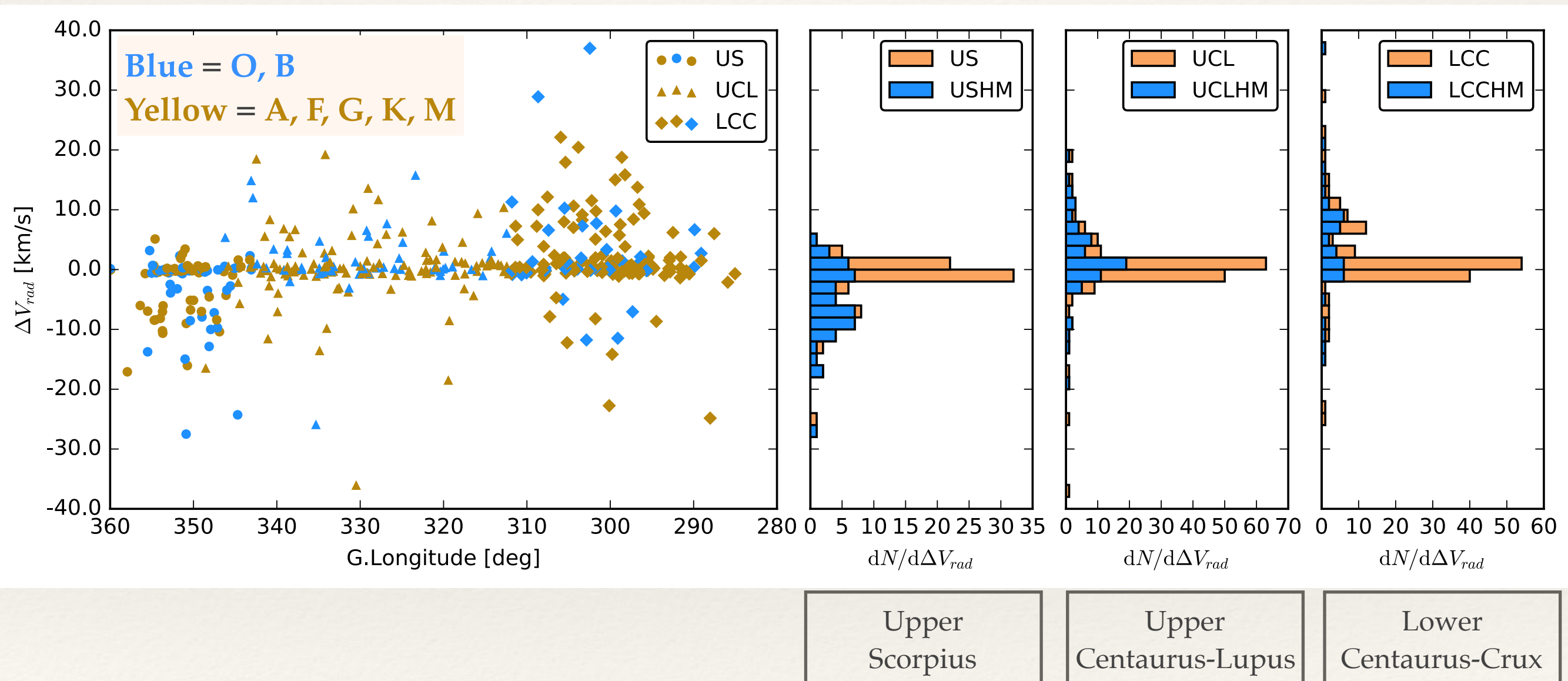
Difeng Guo (API), Lex Kaper (API)
Anthony Brown (LSW), Jos de Bruijne (ESA),
Mathieu Renzo (API)



The Subgroup Structure in Sco OB2 Revealed by Radial Velocity

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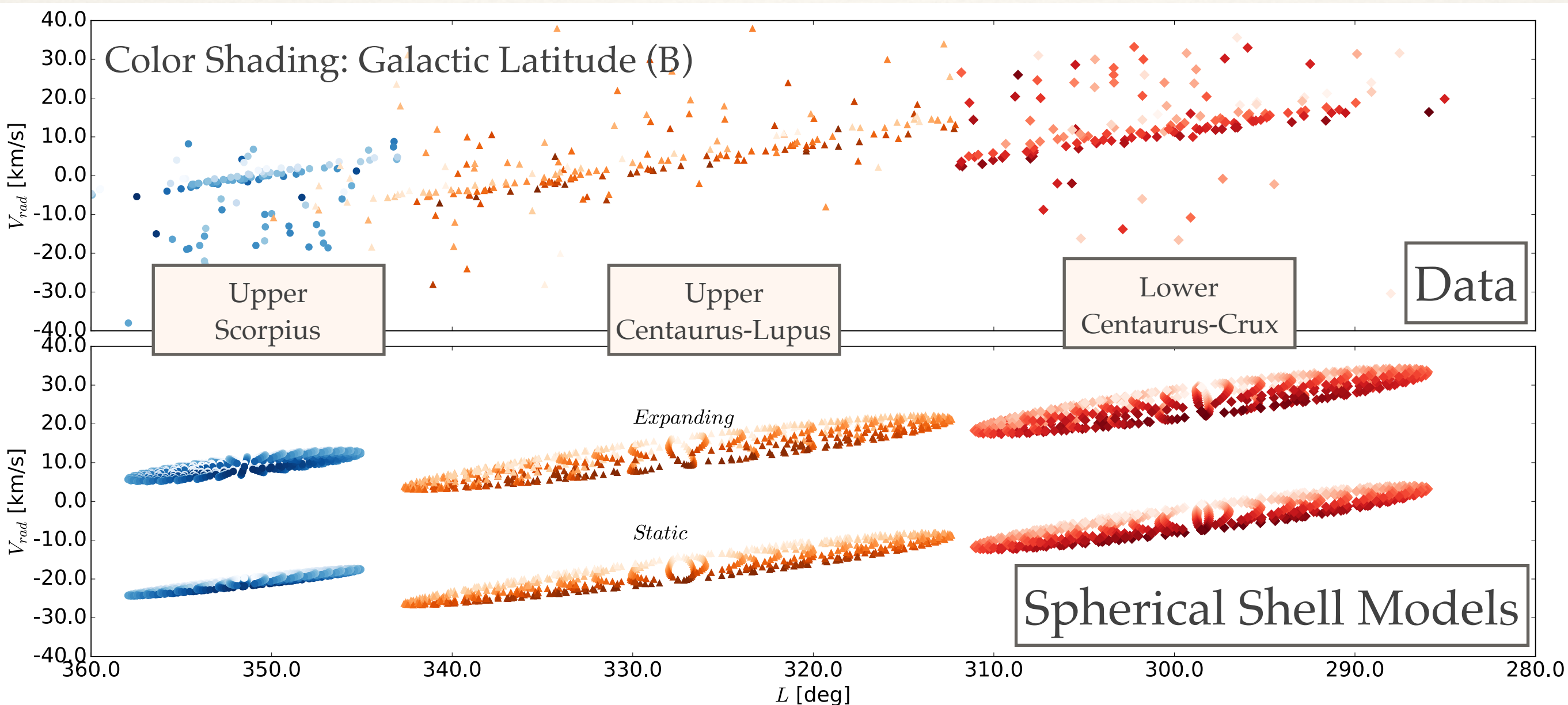
The Radial Velocity Distribution Relative to the Linear Trends



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Linear Trends are broadened by distribution in Galactic latitude (B)



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- ❖ Radial velocity - Longitude: Subgroup structure in Sco OB2
- ❖ Linear Trends: spherical shell model reflects solar motion. Other projections not so well-fitted.
- ❖ Outliers: B-stars and a few low-mass stars
- ❖ Radial velocity measurements are variable:
 - ❖ Binaries? Variable stars?