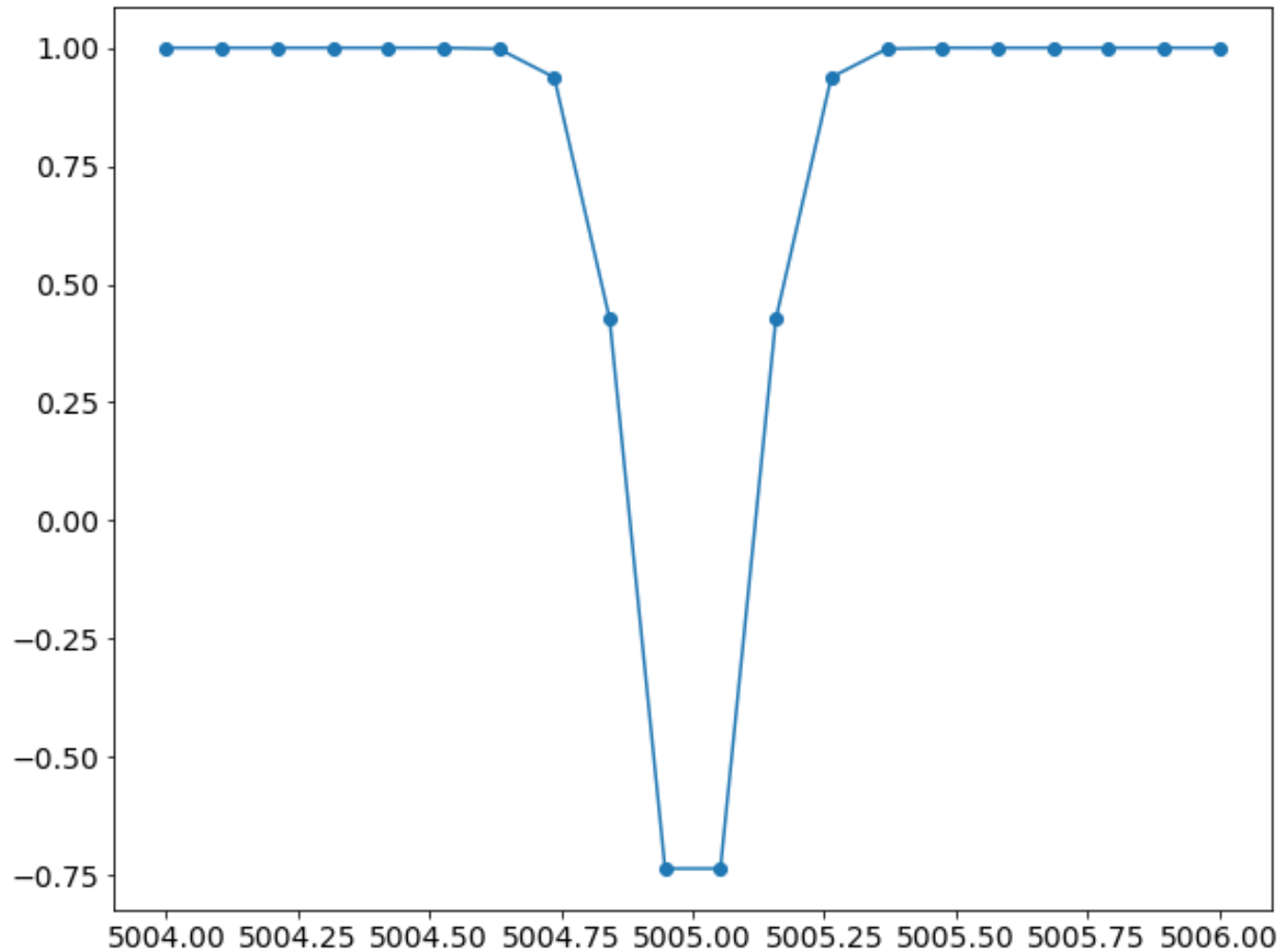
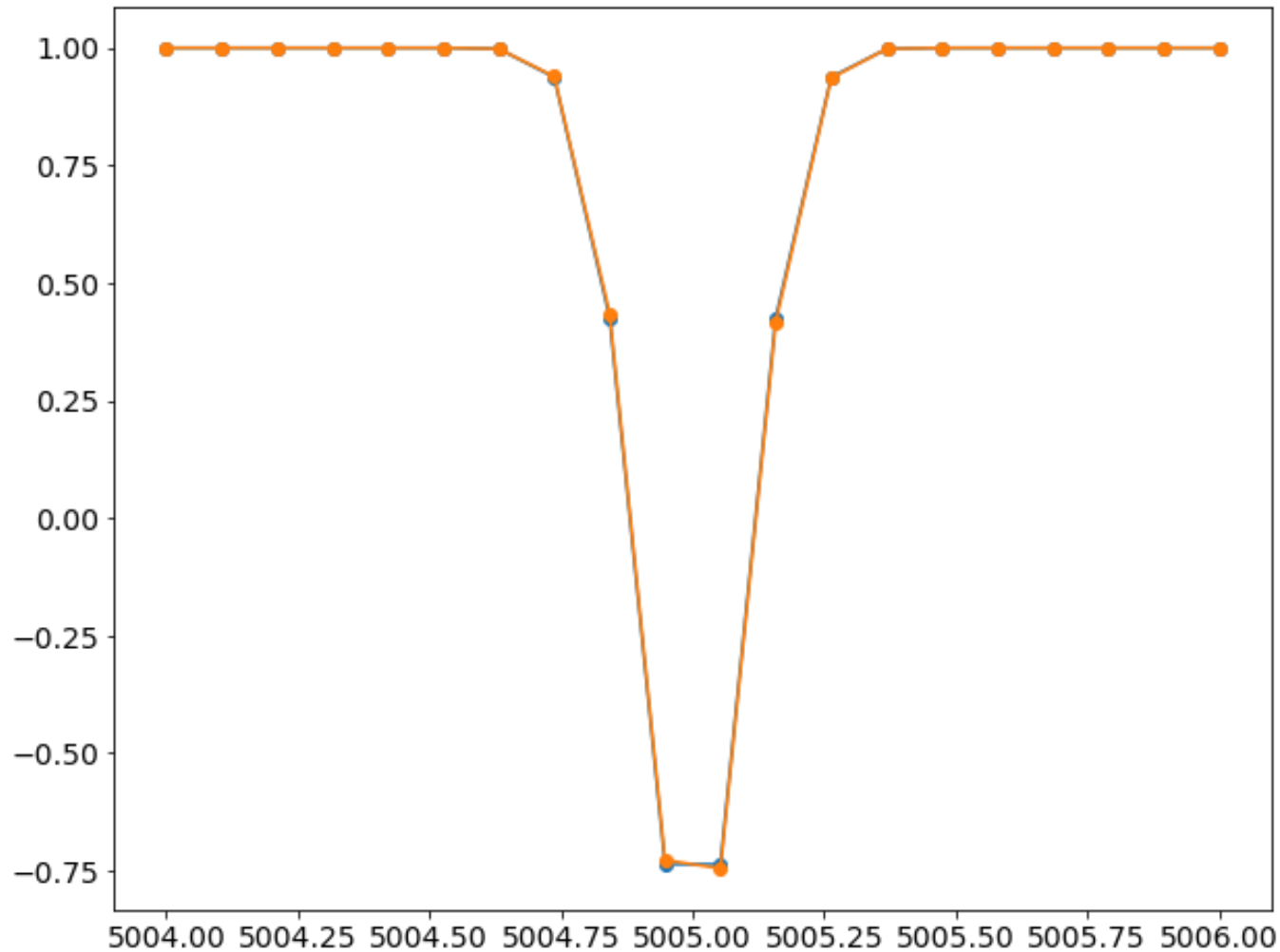


Radial velocity method



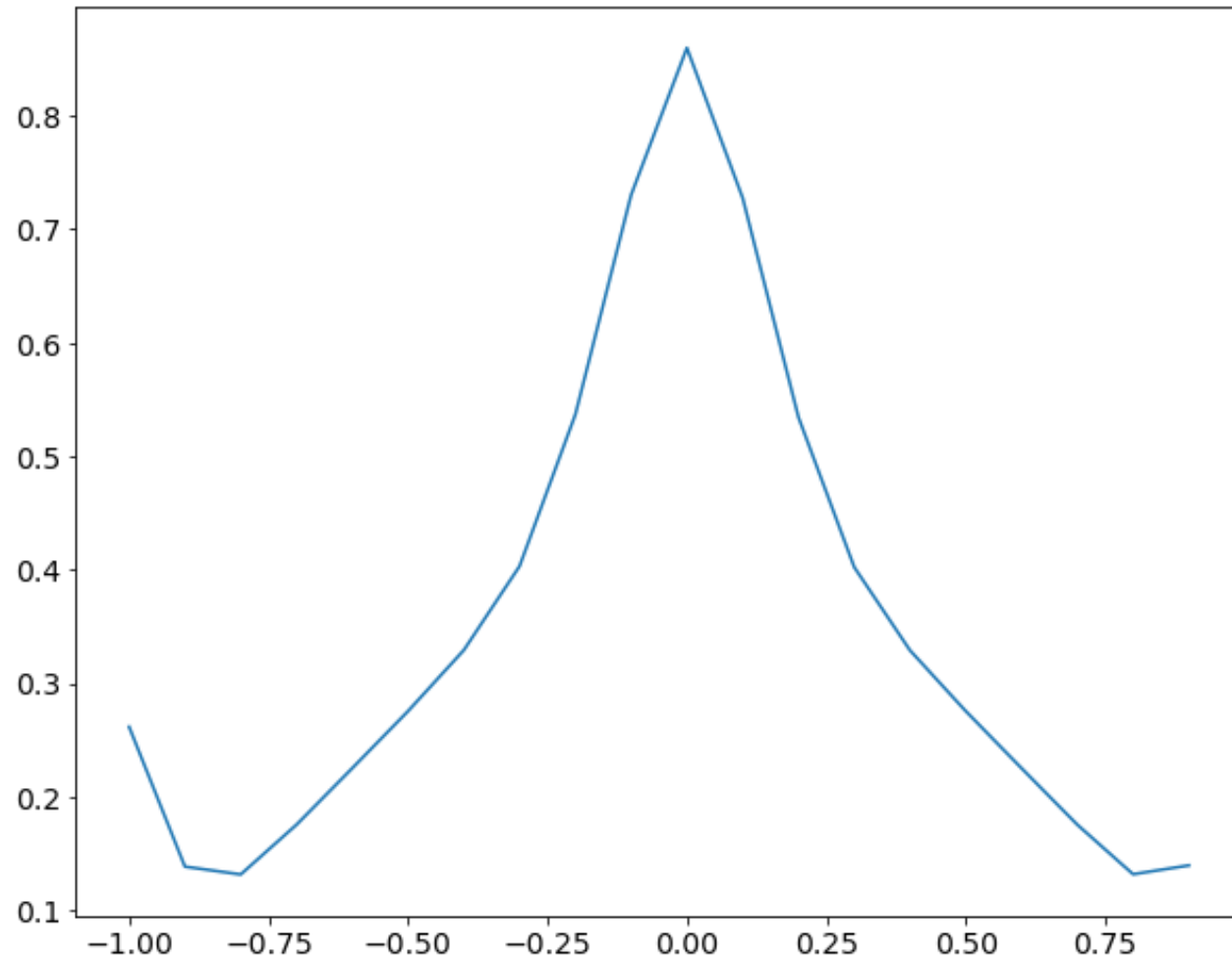
Spectral line with width 0.1 Å,
spectral resolution 0.1 Å

Radial velocity method



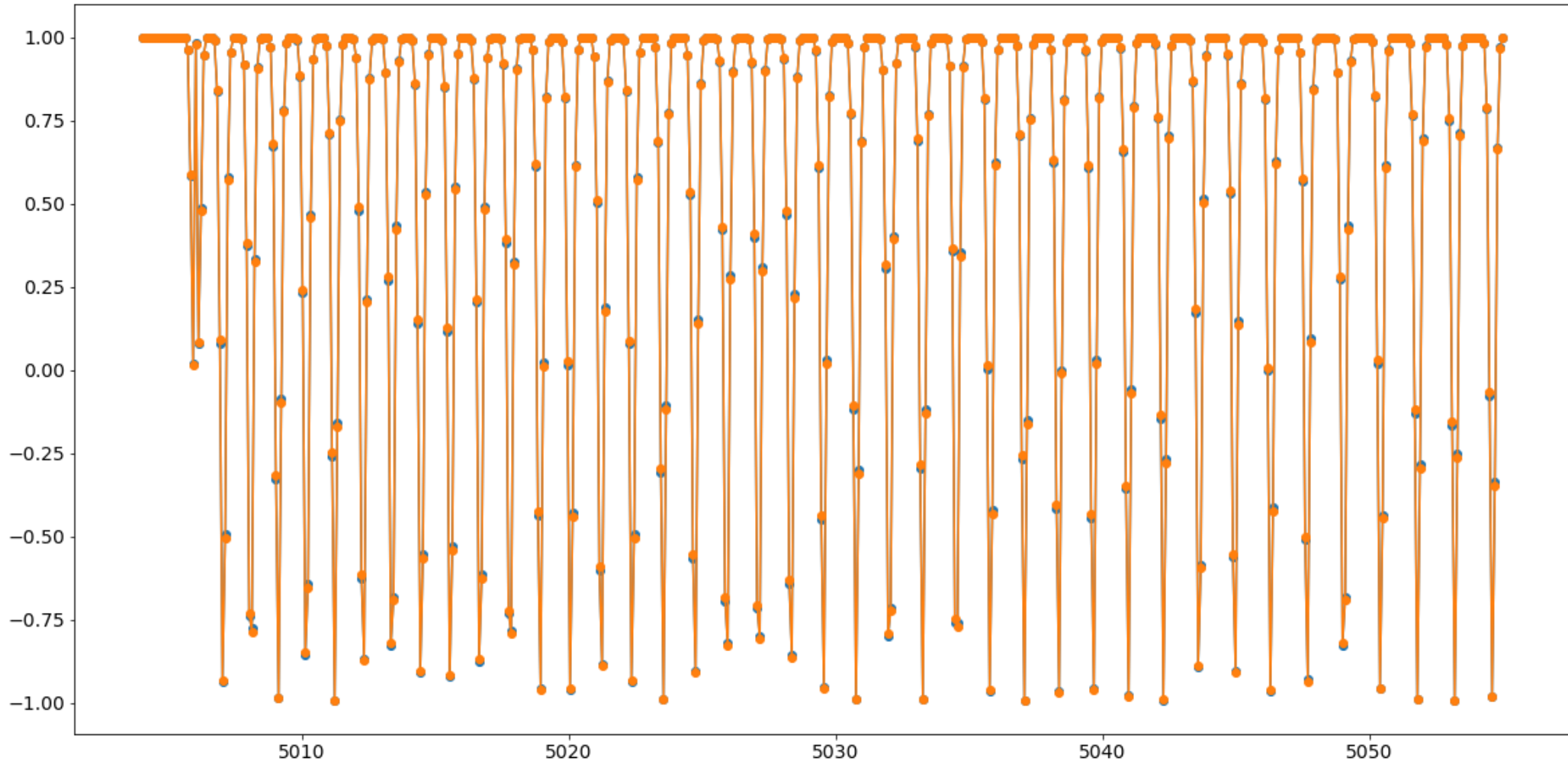
Second line shifted by 0.001 Å

Radial velocity method



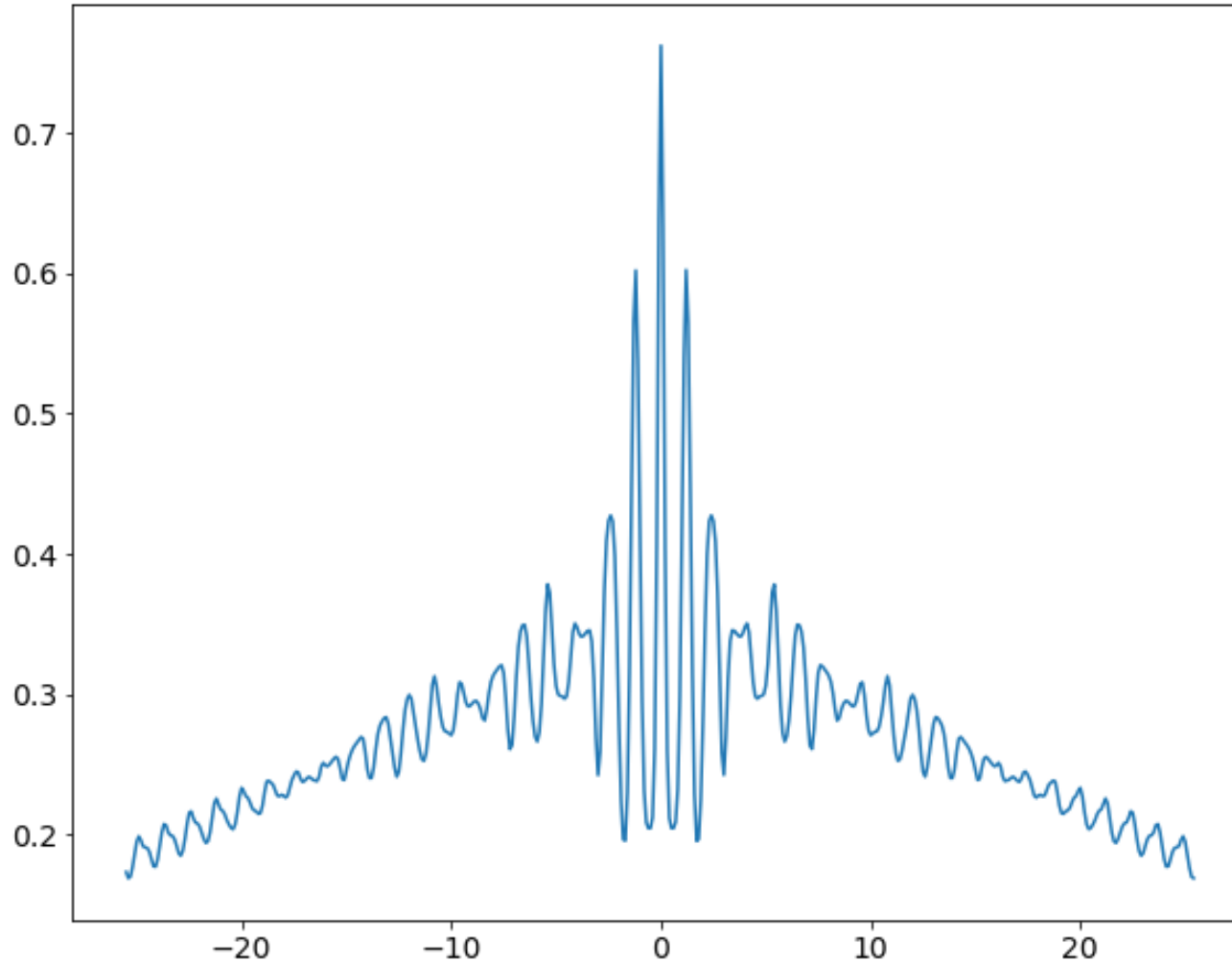
Cross-correlation of both spectra

Radial velocity method



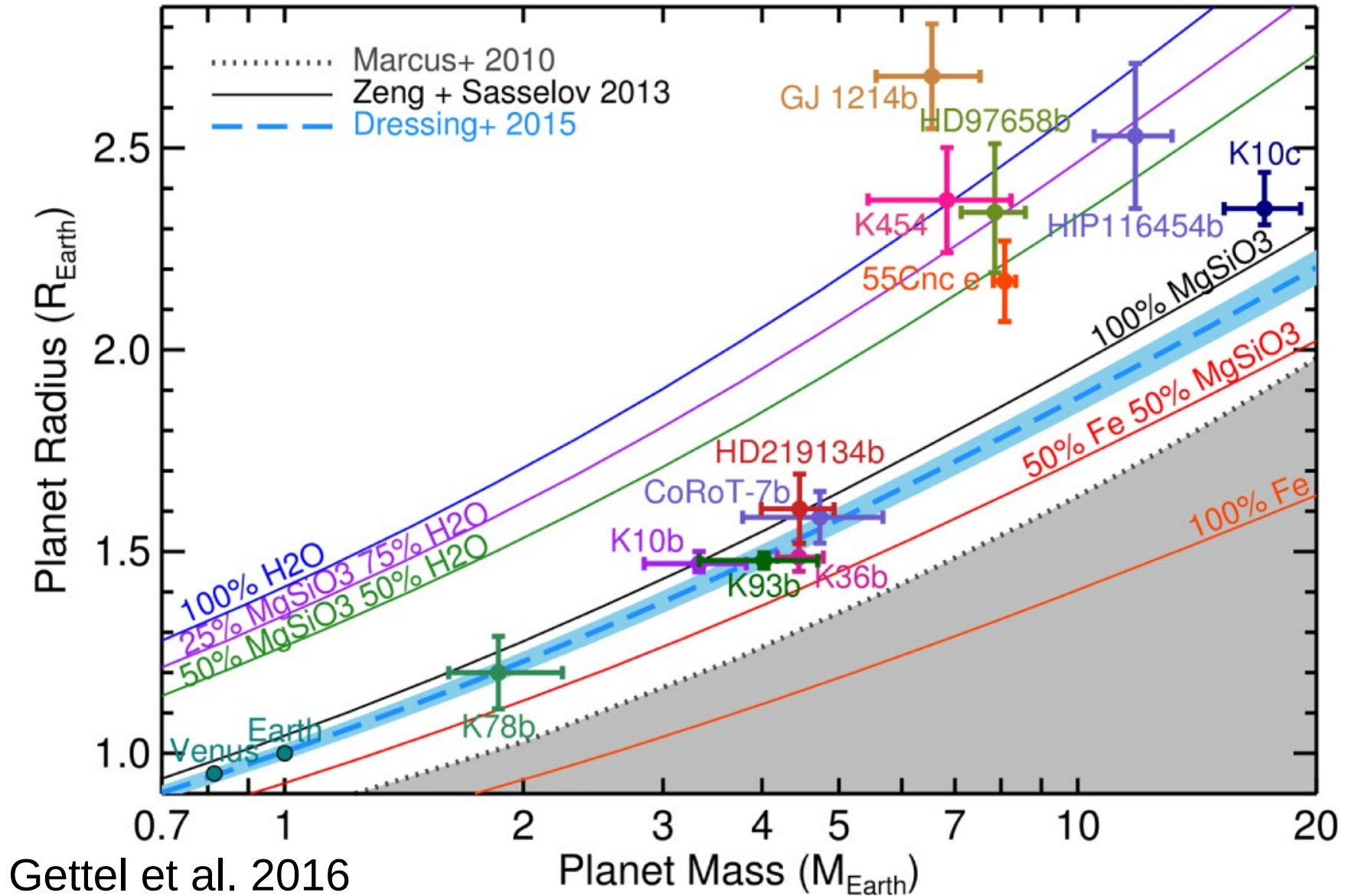
Take many lines! 50 here.

Radial velocity method



Cross-correlation has much sharper peak.

Exoplanet masses and radii



Best exoplanet radii

