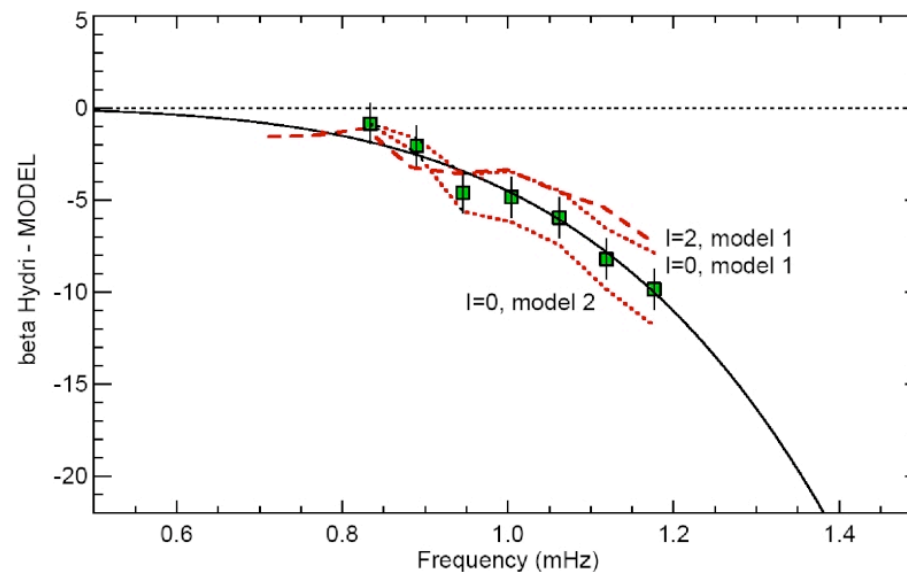




Ceci n'est pas une pipeline

Treatment of surface effects

- Understand them: use a physical description of their source to generate a second model for each set of parameters, look at the actual differences



- Avoid them: Devise a frequency *combination* to measure radius that is insensitive to surface effects

What should we be fitting?

- Incorporate complementary constraints as more directly observable quantities ($\log g$, $[m/H]$) rather than derived quantities (L/L_{sun})
- Use peak in the distribution of power (ν_{peak}) and/or conduct a non-adiabatic pulsation analysis to fit the amplitudes in addition to the frequencies?

How should we be fitting?

- Markov-Chain Monte Carlo: another possible follow-up analysis? (computationally intensive)
- Other pre-launch uses of SVD: Balance between target brightness and availability of a parallax? Complementary observations that could provide the strongest additional constraints?