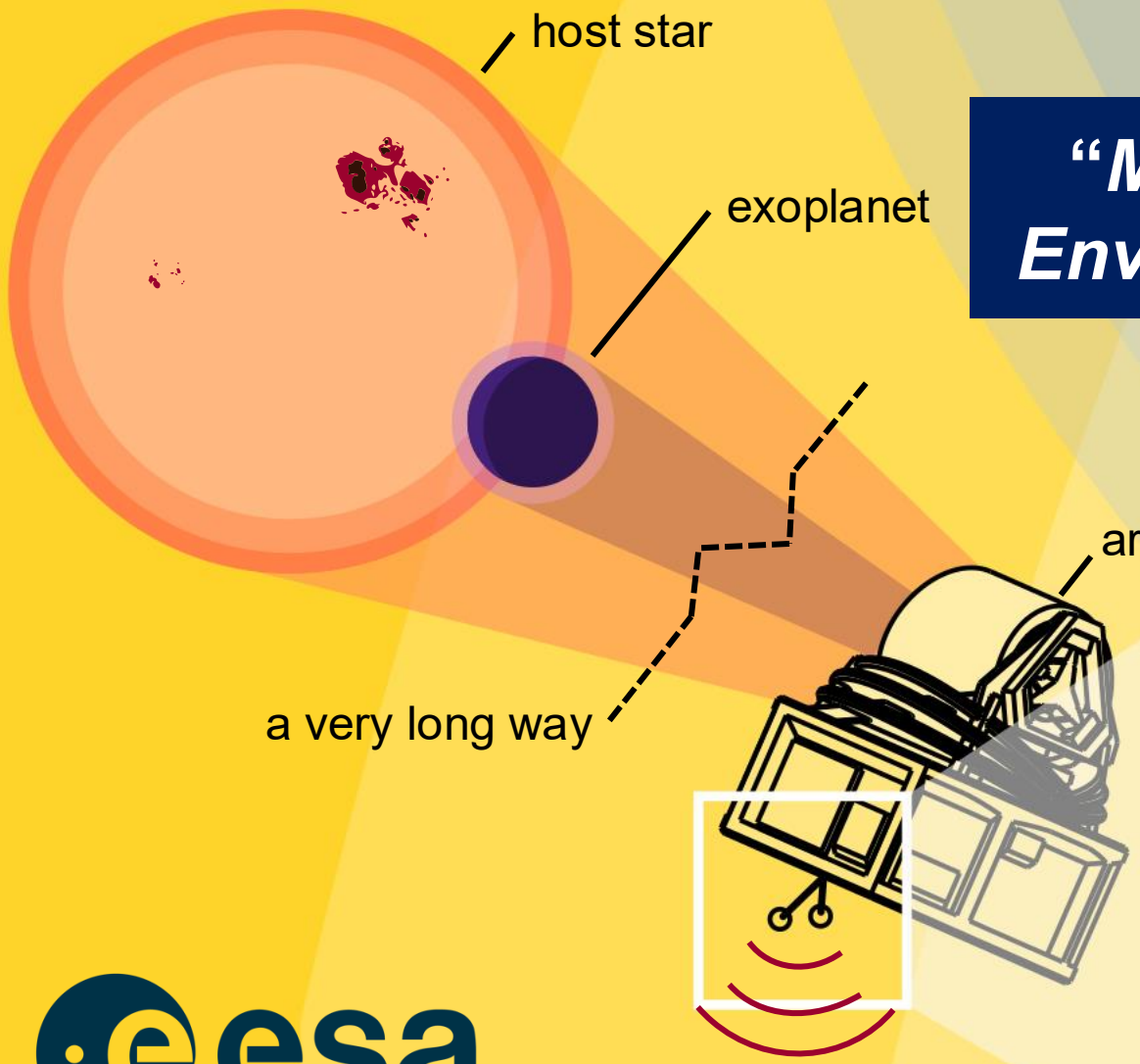
Contact me: joolsclarke.co.uk / j.d.clarke@ucl.ac.uk

UCL

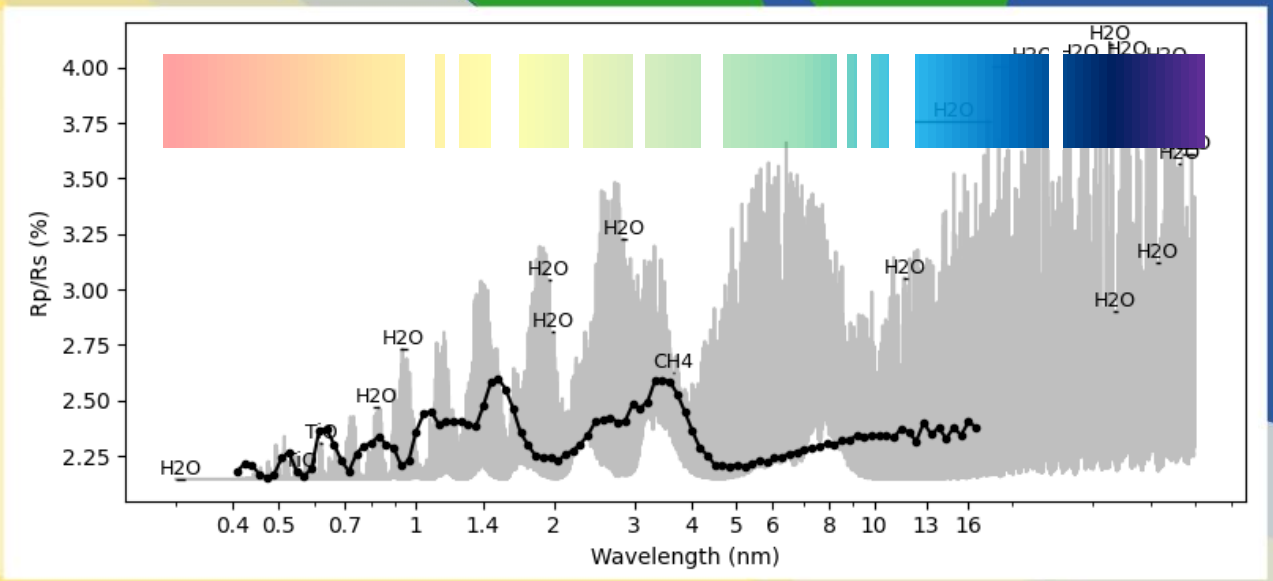
Jools Clarke

"ML Interpretability in High-Correlation Environments: Exoplanet Atmospheres"

Supervisor: Nikos Nikolaou



esa



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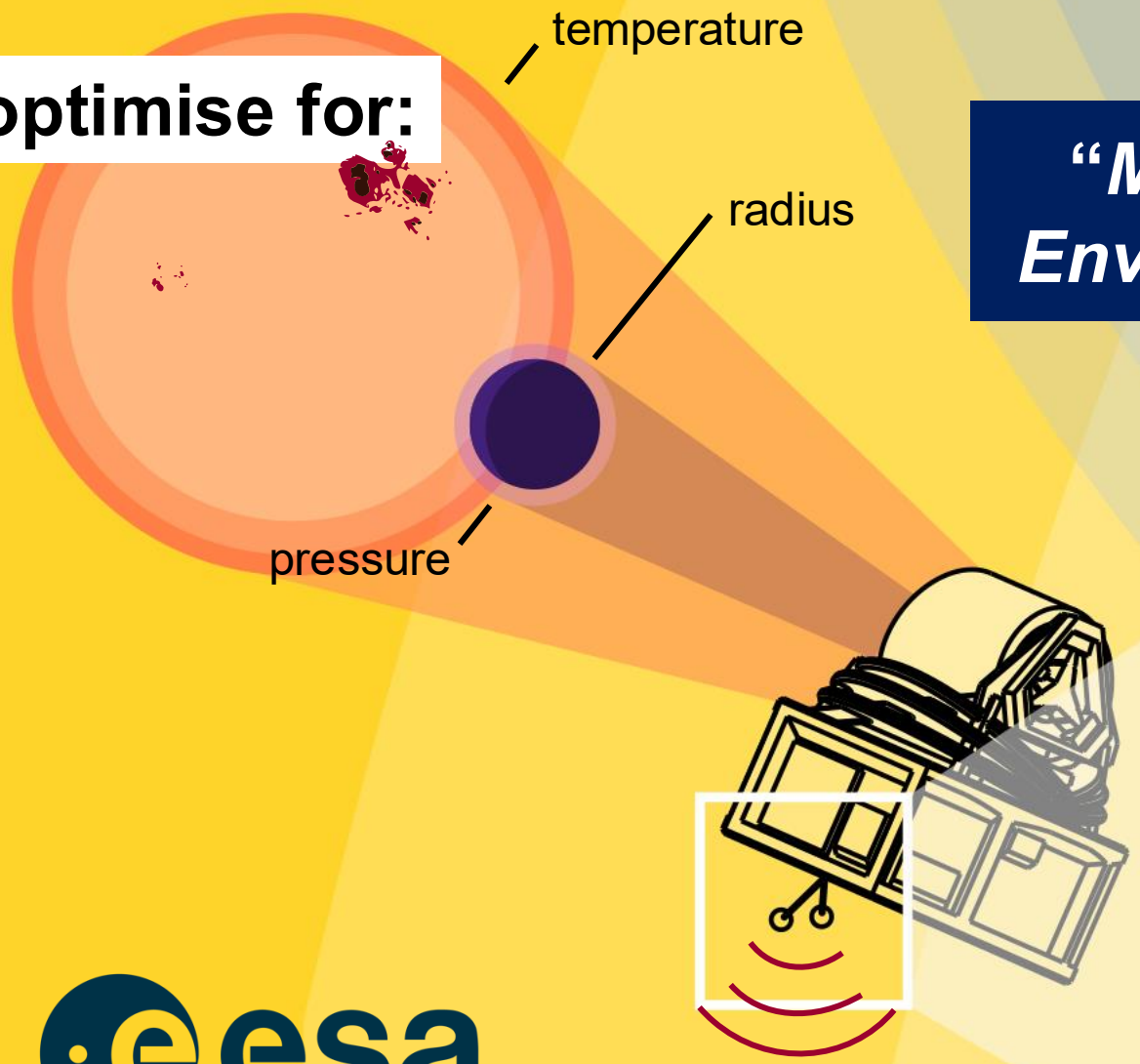
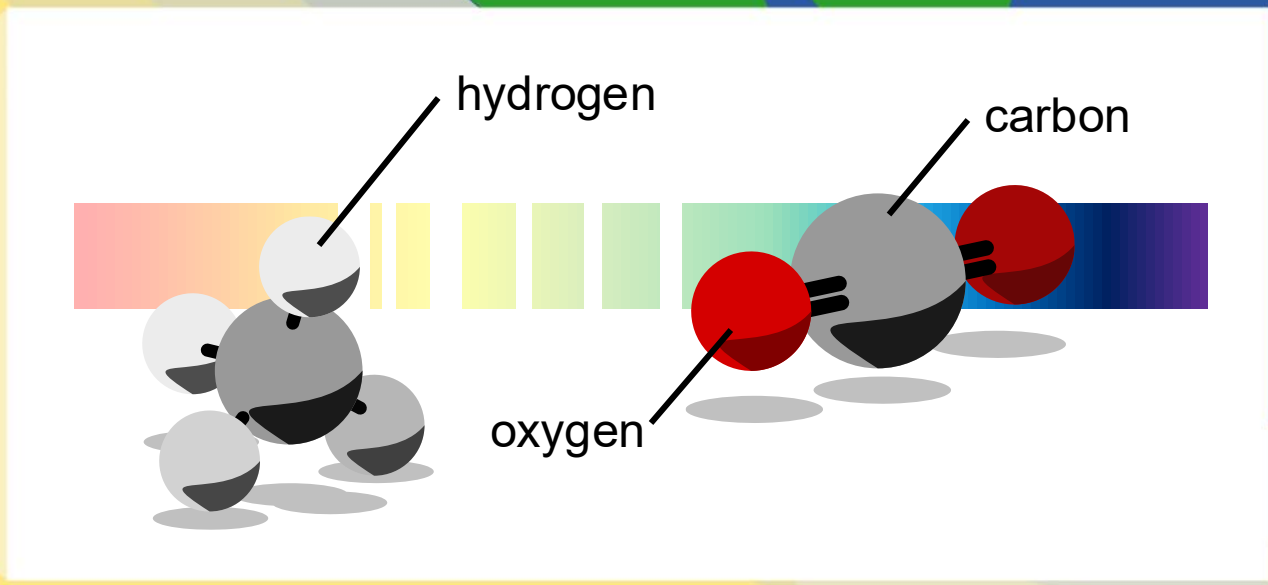
optimise for:





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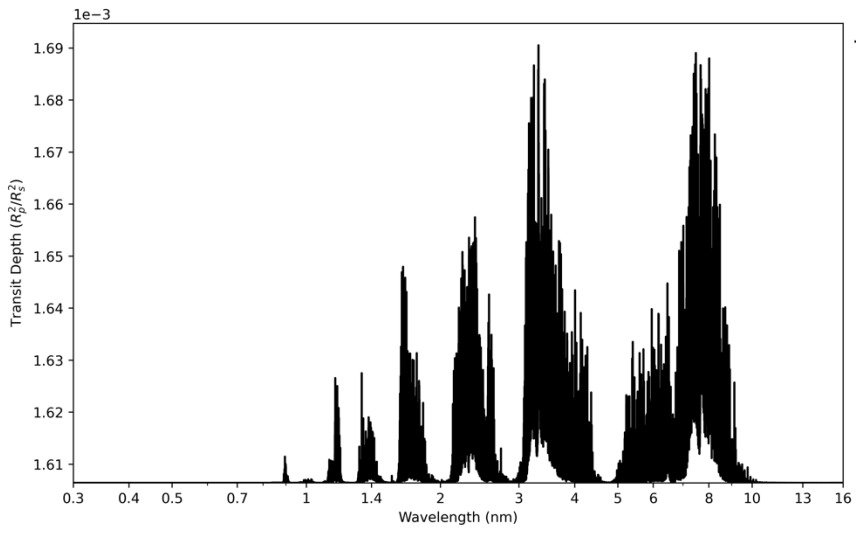
methane



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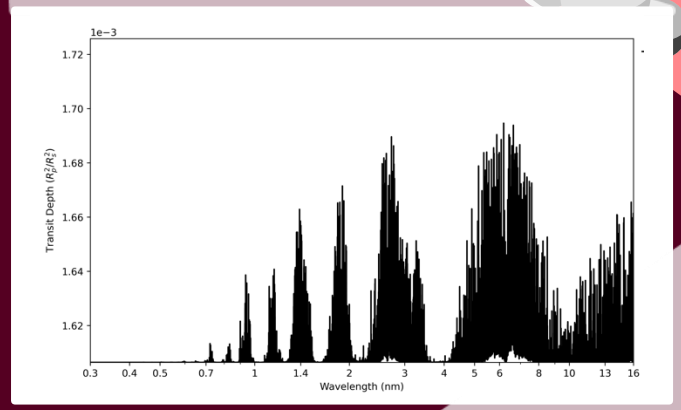
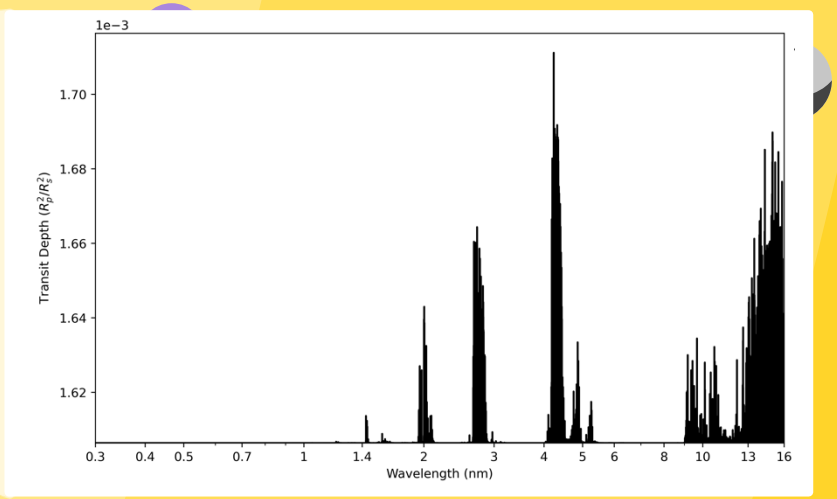
water

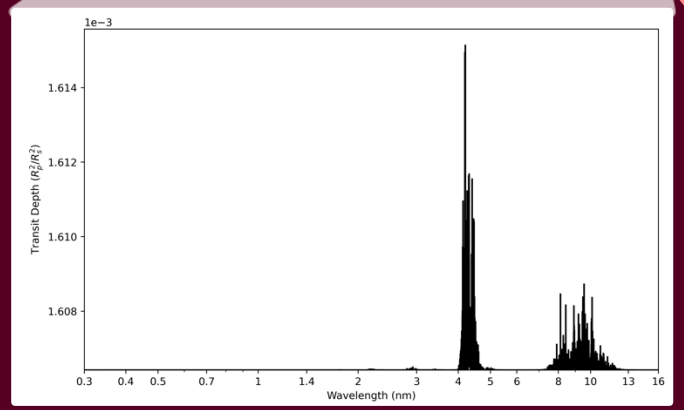
carbon dioxide

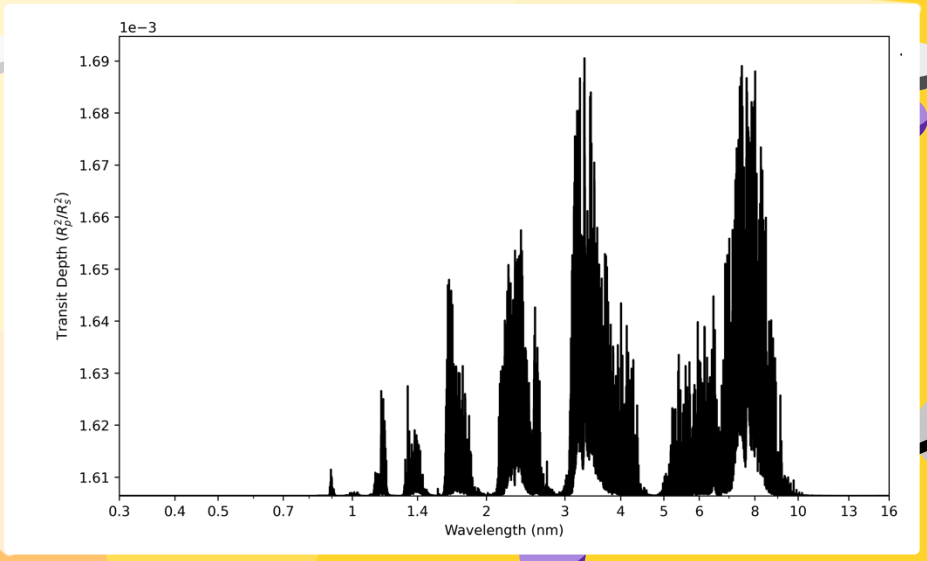
phosphine

methane









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PERTURB

Method	Execution Time / s	Speedup
SHAP (official Python package)	5.3159	×1
PERTURB (2,000 perturbations – full)	0.2456	×22

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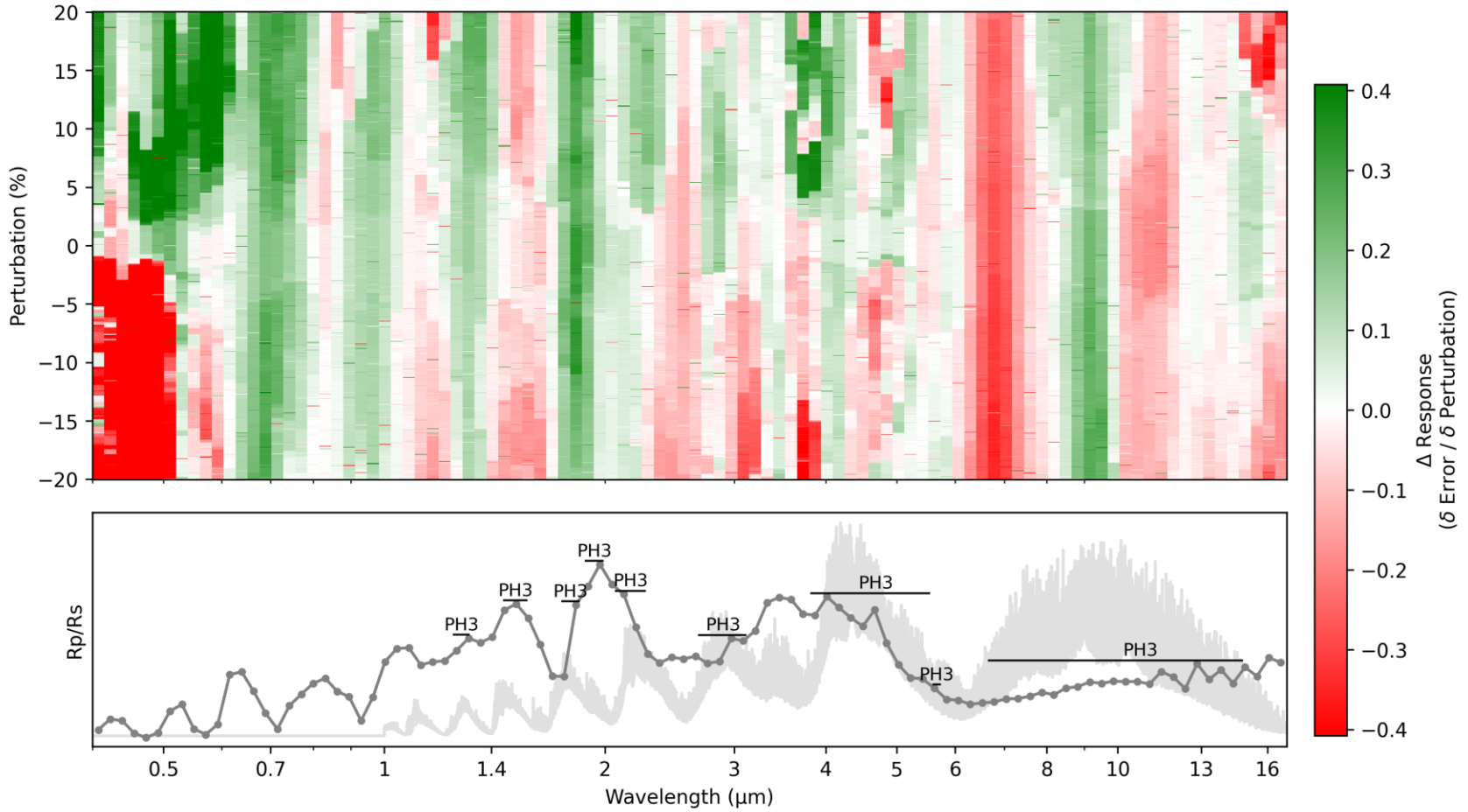

see these slides, some of my other work, just keep up to date, or get in contact with me…

Publication in prep. right now! But if you can't wait, then come find me at my poster for more…