Code Review Checklist
Most important before paper
Important every session
Unclear

Usability	Comments (at least Yes / No)
Is the code easy to install? Are there setup instructions and a list of requirements?	Could be good to mention the packages you need to install beforehand and the language / python version used
Is there an example script or a full pipeline that is easy to run and understand?	no
Data preparation	
Are data loading and analysis implemented as separate steps? Ideal: have a data loader class	yes
Is ALL data used available in the cluster	yes
Analysis & Plotting	
Are the different steps of the analysis clearly identified in the README?	No
Does the analysis code reflect what is described in the paper? If applicable	Don't have access to the paper
Is it clear what code is used to create each of the figures or panels in the paper?	Yes
Code quality	
Project in periodically updated in github, gitignore, README	The readme is updated but other code updates are not shown in the github (seems like the code was uploaded to github at the end)
Project structure: folders: data, notebooks, scripts, figures	Yes structure is clear
Is the code well organized (functions, classes, modules, settings, ... as applicable)?	Relatively yes
Are all functions and classes documented?	No. Would be good to add comments describing the input and output of functions and what they do
Are some values hardcoded?	None that we saw
Can any of the code be replaced by existing packages?	
Are there any obvious optimisations that will improve performance?	- Adding comments to explain what is going on in the code throughout

	- Improving the names of loop indices to make it clearer
Is there any redundant code that should be removed?	May not need to import all the models again in the plots.py (may be wrong, didn't have time to go through the whole code in detail)? Seems like it is plotting from the results that have already been generated from analysis.py
Does the code agree with basic style guidelines (e.g. PEP8 for Python)	Yes
Variables names are self explanatory (eg no a, b, c etc)	Yes
Are there any passwords in the repo or exposed in the code?	No
Is any identifying information unwillingly exposed?	No