

maudr

Easily* generate data and model answers in

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useR!, Salzburg, 9th July 2024

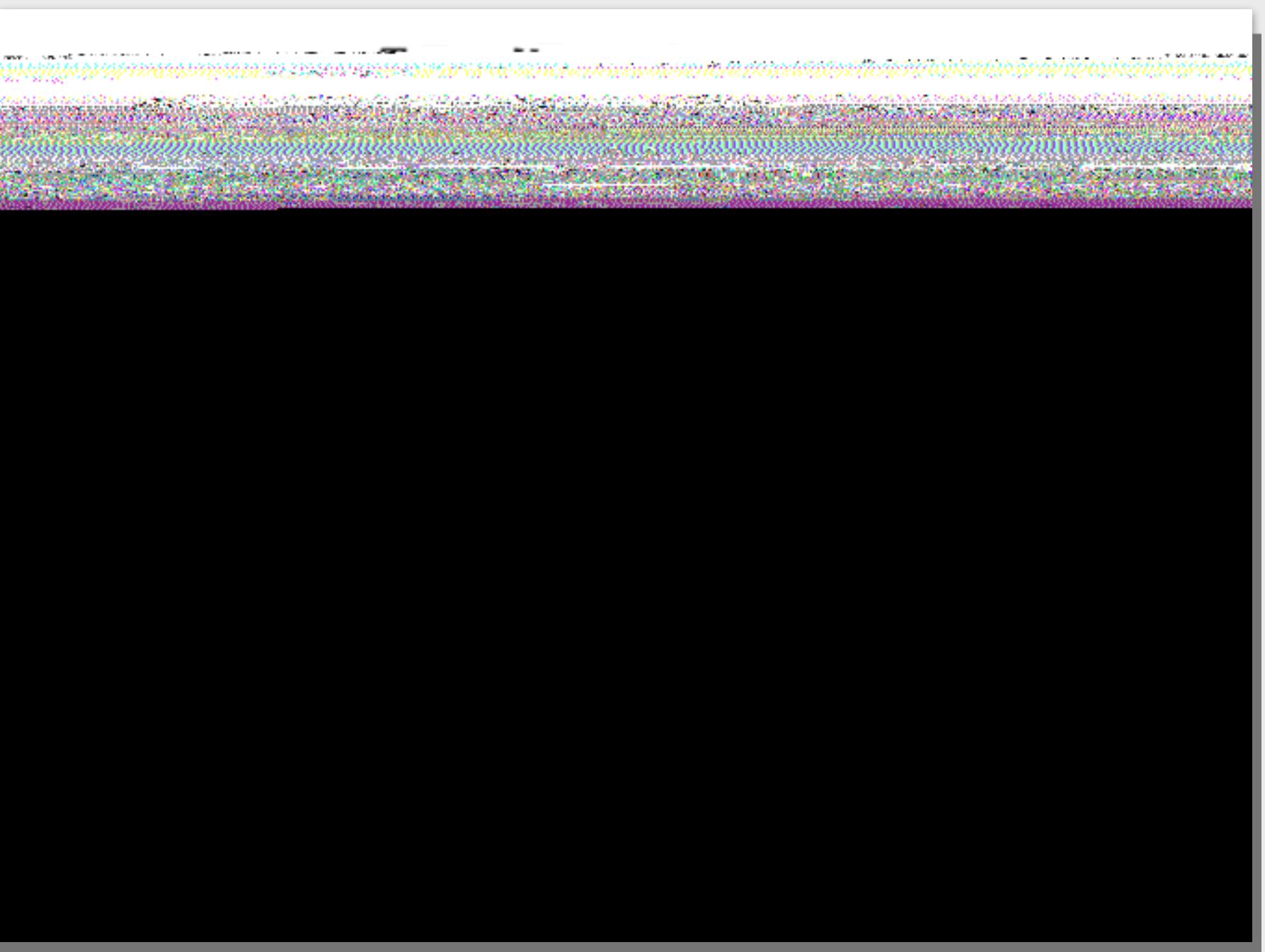
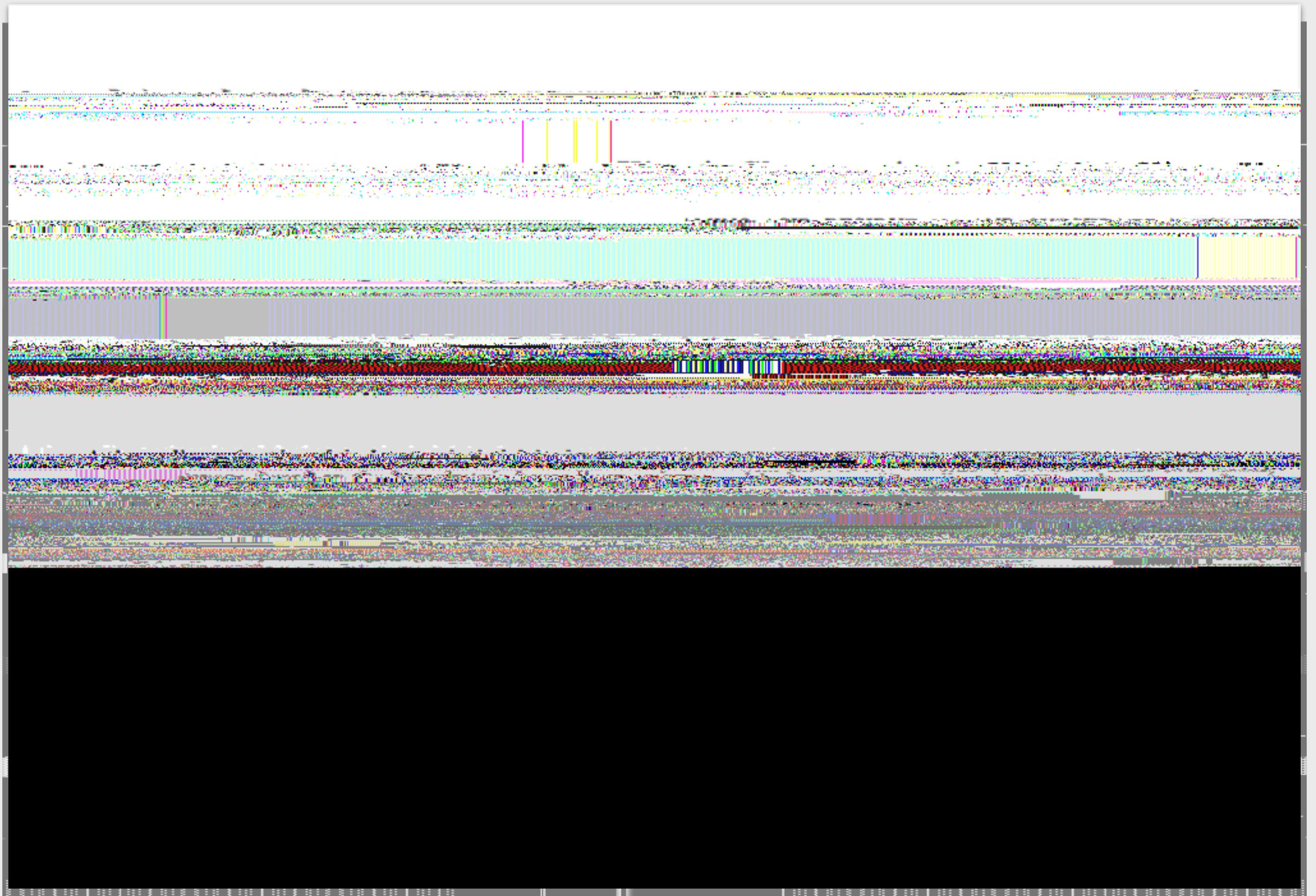
Biochemistry 1 and 2 labs:

Starting from first principles,
it is possible to calculate performance
of an enzyme, including absorbance
of its product

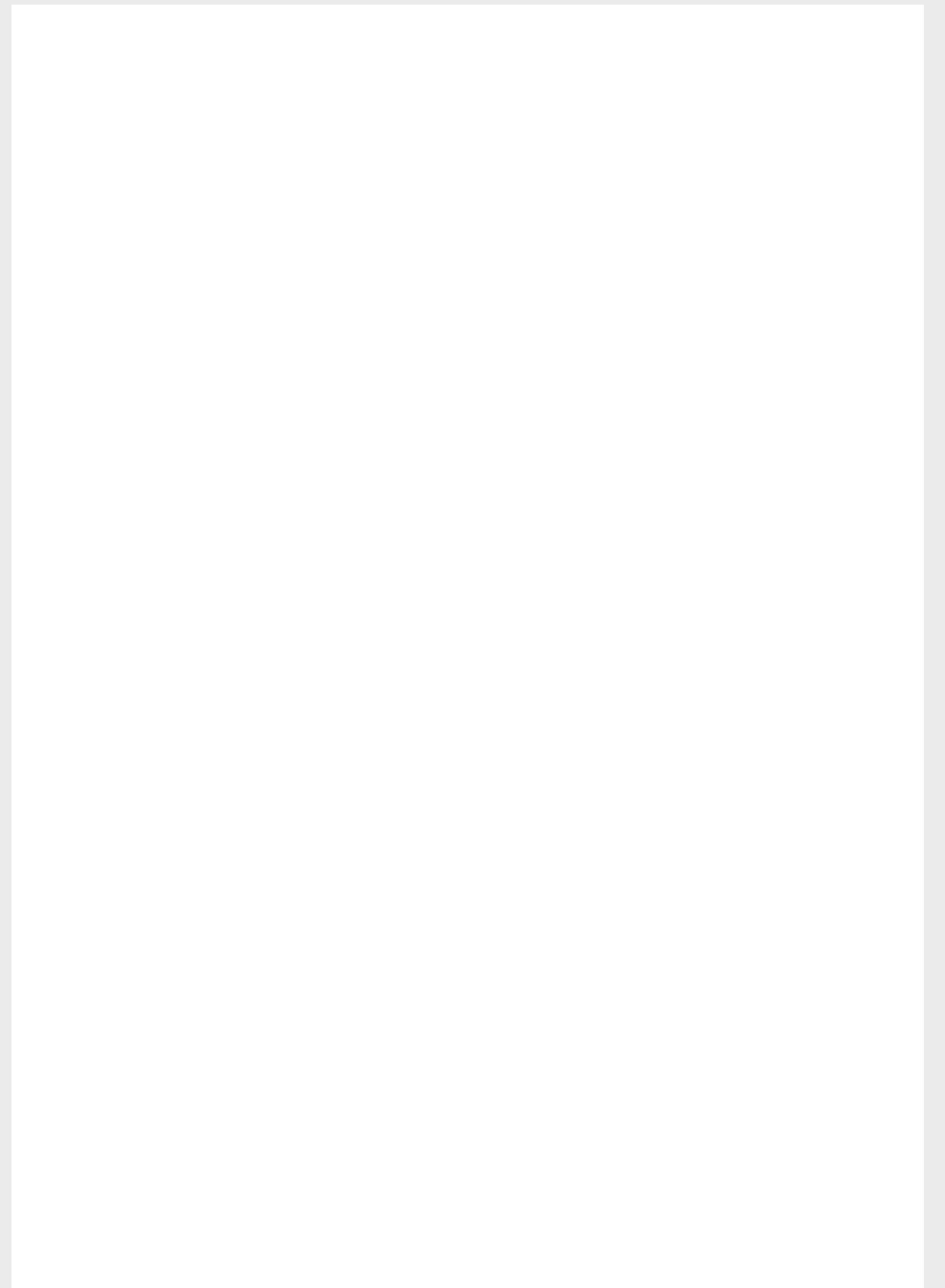


Everybody who knows some biochemistry

First principles (1987)



Output files: model answers for each student



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student	U111111_DEAN
substrate	propanol

uncompetitive	13.90	
no_inhibition	27.36	

Thank you.

Watch this space: github.com/jarekbryk/maudr

- Dr Richard Bingham came up with the idea, found the source data and wrote the initial script
- Dr Shamus Burns found some bugs in my code
- Wayne Hon-Lau found some more bugs in it and also computed parameters and limits of reaction as his final year project