The Alzheimer’s Disease Prediction Of Longitudinal Evolution challenge

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Questions:
YouTube Live Chat
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Latest News

• Webinar 1 “Overview”: youtu.be/mZj-sYm7pXg

• Webinar 2 “Updates”: youtu.be/o9eKFSp3bgg

• Google group initiated: groups.google.com/group/tadpolechallenge

• Leaderboard live: tadpole.grand-challenge.org/leaderboard

• PyCon Hackathon - 29th October – 2017.pyconuk.org
What is TADPOLE?

• A challenge to predict progression of individuals at risk of AD.

• Identify people that will develop AD over the next 1-5 years.

• ADNI provide data on up to 1100 “rollover” subjects.

• TADPOLE stores forecasts and evaluates on follow-up data.
Categories and Prizes

• Thank you to our sponsors
• 30K (GBP) to award.

• £5K prize for clinical status
• £5K prize for ventricle volume
• £5K prize for ADAS13
• £5K prize for overall performance – the TADPOLE champion
• £5K prize for best student entry (clinical status)
• £5K prize for best high-school entry (clinical status)
Topics for Webinar 3 today

• Data sets

• Submission “How to”

• Leaderboard
Live demonstrations
### Leaderboard submissions

[View Leaderboard on tadpole.grand-challenge.org](tadpole.grand-challenge.org/leaderboard)

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Leaderboard submissions

• Optional, but also fun

• A means to test your algorithm’s performance on existing data
  • And compete with other participants
Leaderboard submissions

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• A means to test your algorithm’s performance on existing data
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• Similar format
• Helper code at github.com/noxtoby/TADPOLE
Timeline

• Submission Deadline: 15\textsuperscript{th} November
Thanks. New haiku!

Big fish or small fish,
Make waves in TADPOLE challenge
To sink Alzheimer’s.

To pocket the dough,
Roll out your best prediction,
And rise to the top.

The sphinx riddled this:
“Who can see the unobserved?”
And TADPOLE replied.

Need help with TADPOLE?
Check out our You Tube channel
Watch the webinars

Questions: [groups.google.com/group/tadpolechallenge](groups.google.com/group/tadpolechallenge)
Feedback: [tadpole@cs.ucl.ac.uk](mailto:tadpole@cs.ucl.ac.uk)
Website: [tadpole.grand-challenge.org](http://tadpole.grand-challenge.org)