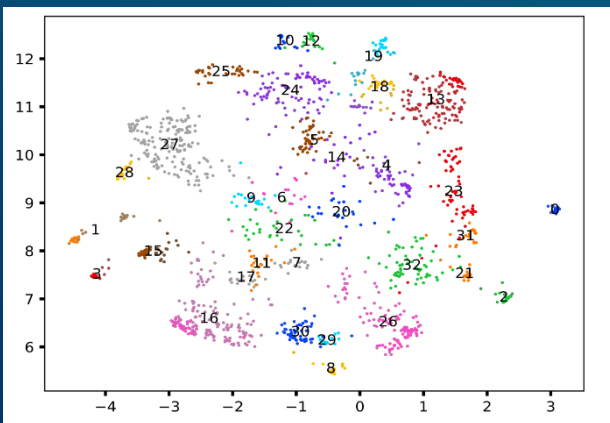
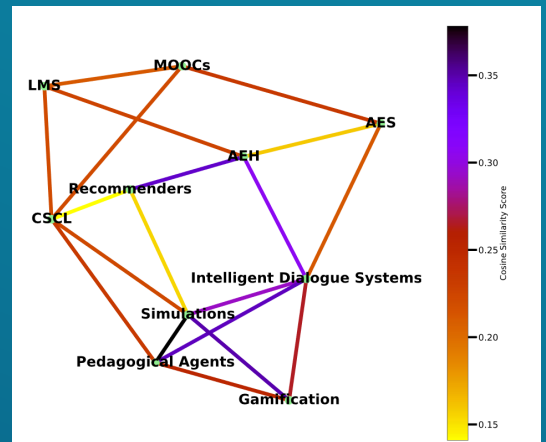




FIRING UP THE EPISTEMOLOGICAL ENGINE

INVITATION TO AN IAS WORKSHOP: WEDNESDAY 19 JAN 11:00 TO 14:30

- ▶ We academics are living in interesting times! There are new sources of evidence, and new approaches to understanding (including 'death of theory'). Old problems have not gone away; these include: the replication crisis (e.g. in psychology); over-generalisation (e.g. from Caucasians to all Humans); methodological problems (e.g. data dredging; sample bias where women are excluded from drug trials); and academic fraud.
- ▶ IAS have funded Firing Up the Epistemological Engine – a project to develop AI support for knowledge generation and consolidation. Our modest ambition is to reform some current academic practices via critical analyses supported by new tools.



- ▶ In the longer term, we will create a mixture of 'simple' tools (e.g. more advanced approaches to automating meta-analyses; fraud detectors) and more complex tools to critique academic sub-disciplines (e.g. to map trajectories through 'journal space' over time; to characterise approaches to evidence claims). In the short-term we will bring people together to explore the problem space, and generate a tools 'wish-list'.
- ▶ The first workshop will describe the EE project, and is designed to promote synergies between people at Durham. Participants will be asked to reflect on discovery processes (and current problems) in their own disciplines. Clearly, not everyone who is interested will be able to attend the whole session; drop in/drop out attendance will be a workshop feature, not a fault. There will be a SharePoint facility for everyone to post their interests and share resources; we will provide a succinct summary of key ideas arising from each workshop. Please join in!

- ▶ To attend, go to Zoom (<https://durhamuniversity.zoom.us/j/93451130288?pwd=NmRtRTFNUVRsVHMxV2FyRGV5REo5Zz09>, Meeting ID: 934 5113 0288, Passcode: 362983)
- ▶ For coffee and a chat, email:
 - ▶ jim.ridgway@durham.ac.uk
 - ▶ alexandra.i.cristea@durham.ac.uk