



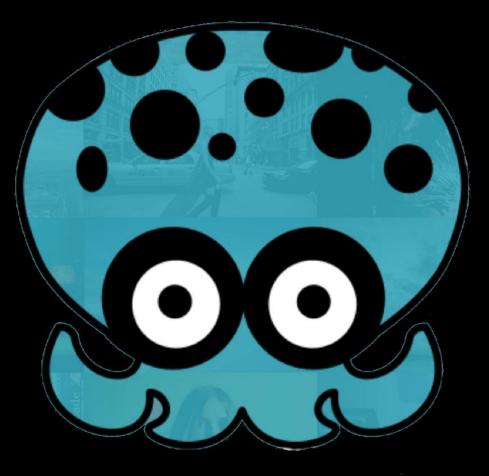
Research England



Octopus: A quick introduction

@science_octopus

https://octopuspublishing.org





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- There are no good guides to quality



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- Problems with discoverability and accessibility



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(Leading to being used as the only record for researchers of their work and its quality)



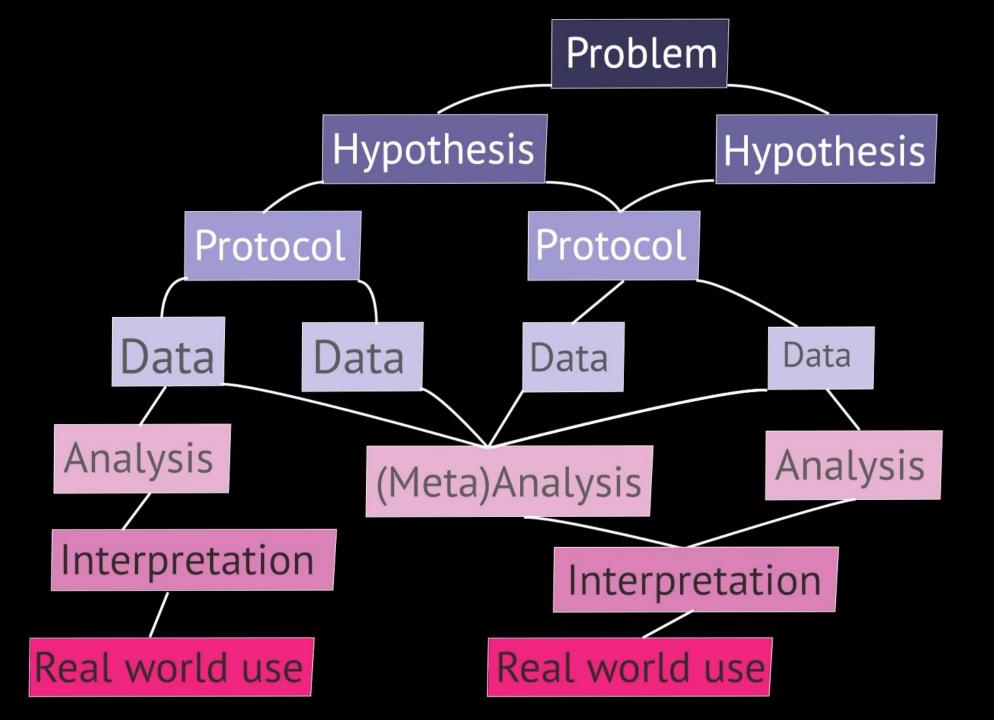
What can we do?

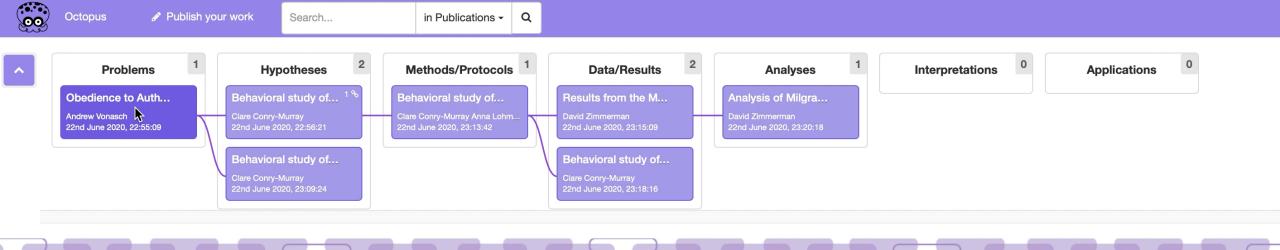
Split the two jobs

A new 'primary research record' digital-first, free to read; free to write, with automatic language translation.

Not based around papers but smaller publication units, in a new structure







PROBLEM: Obedience to Authority in the Milgram Paradigm Authors: Andrew Vonasch Date added: 22nd June 2020, 22:55:09 View Red Flag History	Original ☆☆☆☆☆ Important ☆☆☆☆☆		
So linked Problems No linked problems available.			
Reviews No linked reviews available.	Additional information Funding Statement: none		
Download PDF Write a linked publication Write a review Red flag	Conflict of Interest Declaration: No conflicts of interest CC-BY Licence: CC-BY		
Full text What percentage of people will obey authority figures in the Milgram paradigm?	Keywords: obedience,authority,Milgram,social,psyc		

?

Instant publication

⇒ instant 'priority' for researchers, as well as faster dissemination of knowledge



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Smaller author groups

⇒ more meritocratic recognition, especially for specialists (eg. technicians designing and publishing protocols; statisticians doing analyses)

⇒ more accountability (it's clear who's doing what work)



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No need for 'narrative'

⇒ removes pressure for 'questionable research practices' (excluding data that doesn't fit a hypothesis) as 'a story' no longer important

⇒ Researchers can publish 'just a hypothesis' or a small data set etc. (meaning more work will be shared, avoiding waste)



How can you tell what's 'good'?

Rating system

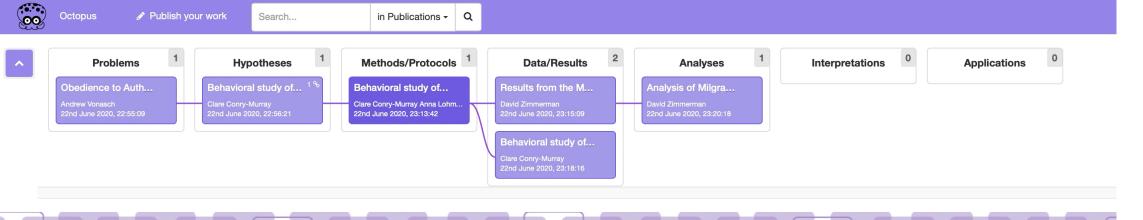
 \Rightarrow Sets the definitions of 'good work' for each kind of publication

 \Rightarrow Allows a community consensus on what defines 'good'

 \Rightarrow Makes it easier to sort well-rated publications from poorly-rated

 \Rightarrow Creates more subtle metrics to record 'success' for individuals





Version 1 Version 2 + Reversion this publication	Details clear 3 (1 total)
PROTOCOL: Behavioral study of obedience Authors: Clare Conry-Murray, Anna Lohmann Date added: 22nd June 2020, 23:13:42 View Red Flag History	
So linked Problems Available.	****
Reviews No linked reviews available.	Additional information Funding Statement: none
Download PDF Write a linked publication Write a review Red flag	Conflict of Interest Declaration: none CC-BY Licence: CC-BY

Keywords:

Files:

Full text

The subjects were 40 males between the ages of 20 and 50, drawn from New Haven and the surrounding communities. Subjects were obtained by a newspaper advertisement and direct mail solicitation. Those who responded to the appeal believed they were to participate in a study of memory and learning at Yale University. A wide range of occupations is represented in the sample. Typical subjects were postal clerks, high school teachers, salesmen, engineers, and laborers. Subjects ranged in educational level from one who had not finished elementary school, to those who had doctorate and other professional degrees. They were paid \$4.50 for their participation in the experiment. However, subjects were told that payment was simply for coming to the laboratory, and that the money was theirs no matter what happened after they arrived. Table 1 shows the proportion of age and occupational types assigned to the experimental condition. Personnel and Locale The experiment was conducted on the grounds of Yale University in the elegant interaction laboratory. (This detail is relevant to the perceived legitimacy of the experiment. In further variations, the experi-

• Post-publication peer review

 \Rightarrow no hierarchical 'editor' system that can lead to publication bias

 \Rightarrow encourages collaborative working

(authors can reversion a publication in the light of reviews, and include reviewers as authors on the new version)

⇒ reviews are all open for others to read, giving readers various 'expert perspectives' on the work



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Reviews are a publication type equal to all others

⇒ reviews and reviewing given the equal status they deserve (i.e. good reviewers get credit for their work)



	Octopus 🔗 Publish yo	ur work Search	in Publications - Q					Alexandra Freeman
~	Problems 1	Hypotheses 1	Methods/Protocols 1	Data/Results	Analyses 1	Interpretations 1	Applications 1	
	Reducing mortality ⁵ % Alexandra Freeman 4th April 2020, 10:00:14	Looking at prevale Alexandra Freeman 18th April 2020, 10:37:43	Analysis of 45,000 Alexandra Freeman 5th April 2020, 11:57:37	Data on respiratory Alexandra Freeman 5th April 2020, 12:03:24	Those with chronic Alexandra Freeman 5th April 2020, 12:13:34	Could treatment fo Alexandra Freeman 5th April 2020, 12:16:15	Conclusions from t Alexandra Freeman 5th April 2020, 12:18:05	

Version 1 • Reversion this publication INTERPRETATION: Could treatment for COPD be protective against COVID-19 symptoms? Authors: Alexandra Freeman	Clearly written ☆☆☆☆☆ Insightful ☆☆☆☆☆		
Date added: 5th April 2020, 12:16:15	Consistent with data ☆☆☆☆☆		
& Linked Problems			
No linked problems available.			
ী Reviews	Additional information		
No linked reviews available.	Funding Statement: None		
Download PDF Write a linked publication Write a review Red flag	Conflict of Interest Declaration: None		
	CC-BY Licence: CC-BY		
Full text	Keywords:		
The lower reported prevalence of asthma and COPD in patients diagnosed with COVID-19 might be due to one or a number of factors. First, it is possible that, in contrast to the diagnosis of diabetes, there was substantial underdiagnosis or poor recognition of chronic respiratory disease in patients with COVID-19, particularly in China. However, this seems unlikely, as in very	Files:		
recent data (March 23, 2020) from Italy, among 355 patients dying with COVID-19 (mean age 79 5 years), diabetes was reported in 20.3% of patients but COPD was not listed as a comorbidity for any patient.3 Similarly, provisional data from the USA (March 31, 2020)			

show that chronic respiratory diseases and diabetes were comorbidities in 8.5% and 10.2% of patients with COVID-19, respectively, compared with Global Burden of Disease figures for the population as a whole of 11.3% for chronic respiratory diseases and 10.2% for diabetes; however these data are based on only 7162 of the 74 439 patients reported.

A second possibility is that having a chronic respiratory disease protects against COVID-19, perhaps through a different immune response elicited by the chronic disease itself. However, this theory is not supported by the finding that among those with COVID-19 who have COPD as a comorbidity, mortality is increased, as would otherwise be expected.

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- Easier to find relevant work
- More meritocratic
- Can easily publish all ideas, data etc.



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What's in it for journals?

 Become more focused on synthesizing, editorializing and disseminating to their audiences (not expensive primary research publication)



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Jisc



Thank you!

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