Using the OSF

Center for Open Science at BITSS 2014 Johanna Cohoon & Caner Uguz

Pull out your laptop and visit www.osf.io

Anderson, Martinson, & DeVries, 2007

NORMS

COUNTERNORMS

Communality Open sharing Universalism Evaluate research on own merit Disinterestedness Motivated by knowledge and discovery **Organized skepticism** Consider all new evidence, even against one's prior work Quality

Secrecy Closed **Particularism** Evaluate research by reputation Self interestedness **Organized dogmatism**

Treat science as a competition

Invest career promoting one's own theories, findings Quantity

		COUNTERNORMS		_
Mid-career: Subscription	NORMS			
Early-career: Subscription			0	



FIG. 3. Norm versus Counternorm Scores: Percent with Norm > Counternorm (dotted), Norm = Counternorm (striped), Norm < Counternorm (solid).

Incentives

Incentives for individual success are focused on getting it published, not getting it right.

Change the incentives.

Center for Open Science



INFRASTRUCTURE

METASCIENCE

Community

- Foster discussion of transparency and reproducibility issues
- Support community efforts to increase openness in the sciences
- Promote the establishment of reporting standards

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INFRASTRUCTURE

METASCIENCE

Infrastructure

- Tools for scientists that increase transparency and access to resources
- Connect services and allow users to easily organize and share their work

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INFRASTRUCTURE

METASCIENCE

Metascience

- How are scientists currently behaving?
- Do transparency and replication have a positive impact on research?
- Reproducibility Project: Psychology and Cancer Biology; Many Labs 1, 2, and 3; Archival Project; CREP

Open your laptop!

www.osf.io

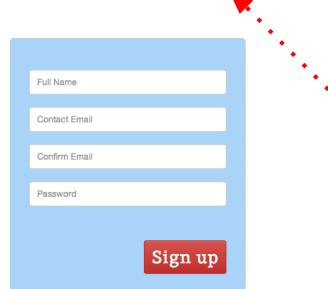
Nudge the incentive system

- Support pre-registration
- Create alternative means of measuring impact
- Enable sharing of materials
- Facilitate good research
 - Organize files
 - Allow collaboration



Project management with collaborators, project sharing with the public

The Open Science Framework (OSF) supports the entire research lifecycle: planning, execution, reporting, archiving, and discovery.



What can the OSF do for you?



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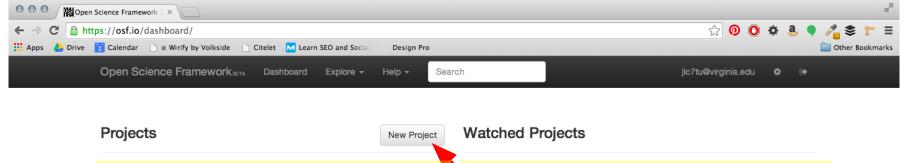
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Sign In
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Reset Password

Create Account



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105 contributions		•	Sorolla_replication_report_final.docx in project Replication of Vohs & Schooler (2008, PS)
		5/12/2014 11:06 AM	Johanna Cohoon removed Johanna Cohoon as contributor
		0/12/2014 11:00 Pim	from component Data
Open Science Framework	+	5/12/2014 11:06 AM	Johanna Cohoon removed Johanna Cohoon as contributor
Amanfu, Bischak, Bowman & 29 others			from component Study Materials
359 contributions		4/11/2014 5:00 PM	Brian A. Nosek removed Elizabeth Bartmess as contributor
			from project Replication of Morrison & Miller (2008, JPSP,
	-		Study 3)
Mazar, N., & Zhong, C. B. (2010)	+	4/8/2014 12:34 PM 4/8/2014 12:21 PM	Rebecca S. Frazier made component Dataset public Johanna Cohoon removed Johanna Cohoon as contributor
Brandt, Grahe, IJzerman & 3 others		4/0/2014 12:21 111	from project Replication of Albarracín et al. (2008, JPSP)
20 contributions		4/8/2014 12:21 PM	Johanna Cohoon removed Johanna Cohoon as contributor
			from component Study Materials
		4/8/2014 12:17 PM	Johanna Cohoon removed Johanna Cohoon as contributor
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Loria , Carp , Spies & 25 others			4)
156 contributions		4/8/2014 12:17 PM	Johanna Cohoon removed Johanna Cohoon as contributor from project Replication of Risen & Gilovich (2008, JPSP)
		4/8/2014 12:16 PM	Johanna Cohoon added Michael C. Frank to project
Kool W. McCuiro, I.T. Boson, 7 P. & Potrinick M.M.			Replication of Risen & Gilovich (2008, JPSP)
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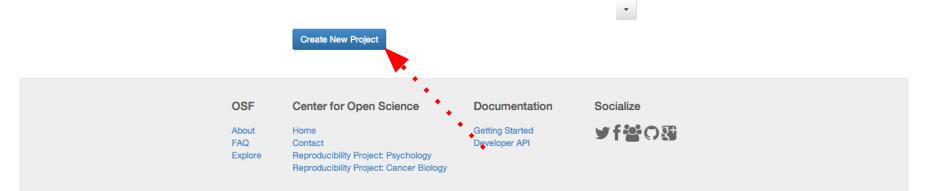
Replication of Tracy and Robins (2008, JPSP, Exp 2)

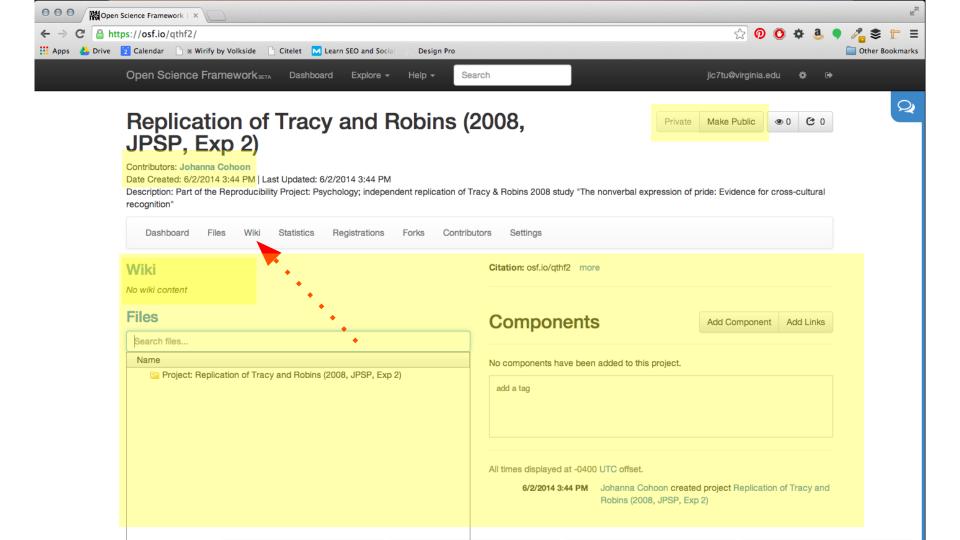
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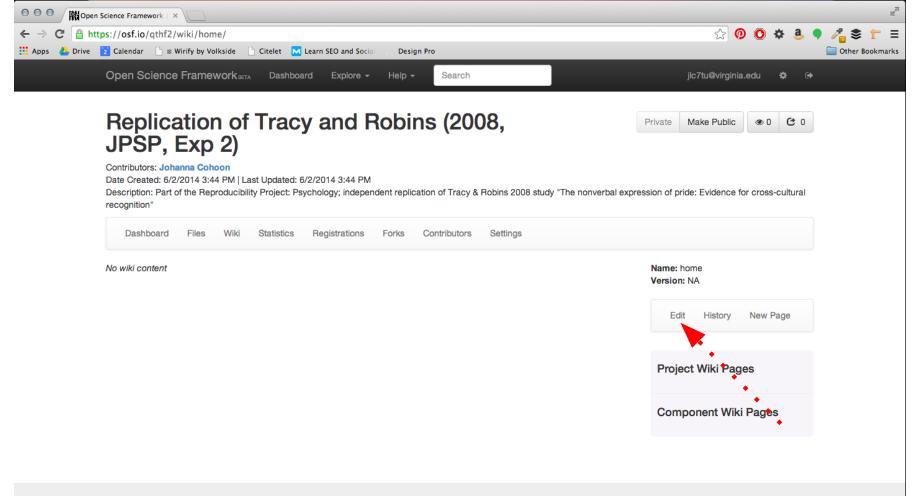
Part of the Reproducibility Project: Psychology; independent replication of Tracy & Robins 2008 study "The nonverbal expression of pride: Evidence for cross-cultural recognition"

Template

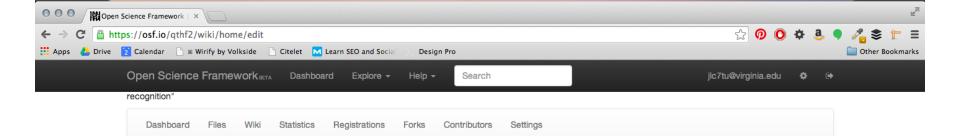
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From the abstract for "The nonverbal expression of pride: Evidence for cross-cultural recognition": The present research tests whether recognition for the nonverbal expression of pride generalizes across cultures. Study 1 provided the first evidence for cross-cultural recognition of pride, demonstrating that the expression generalizes across ltaly and the United States. Study 2 found that the pride expression generalizes beyond Western cultures; individuals from a preliterate, highly isolated tribe in Burkina Faso, West Africa, reliably recognized pride, regardless of whether it was displayed by African or American targets. These <u>Burkinabe</u> participants were unlikely to have learned the pride expression through cross-cultural transmission, so their recognition suggests that pride may be a human universal. Studies 3 and 4 used drawn figures to systematically manipulate the ethnicity and gender of targets showing the expression, and demonstrated that pride recognition generalizes across male and female targets of African, Asian, and Caucasian descent. Discussion focuses on the implications of the findings for the universality of the pride expression.

Materials collected and IRB application underway. If any researchers are interested in getting involved in the replication or helping with the IRB process, email Johanna at johanna@cos.io.

View History

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From the abstract for "The nonverbal expression of pride: Evidence for cross-cultural recognition": The present

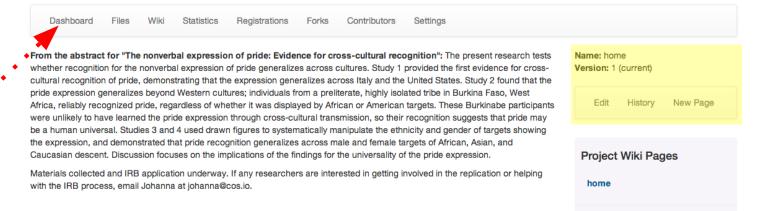


Replication of Tracy and Robins (2008, JPSP, Exp 2)

Contributors: Johanna Cohoon

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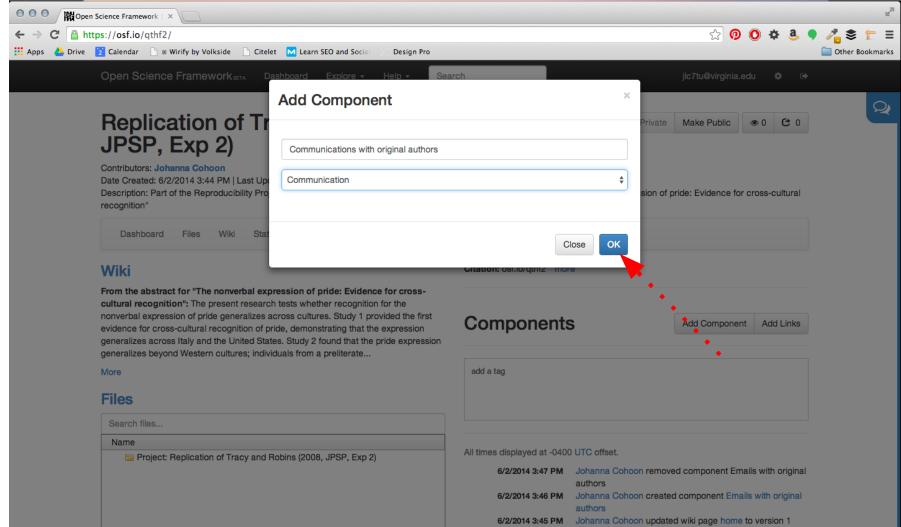
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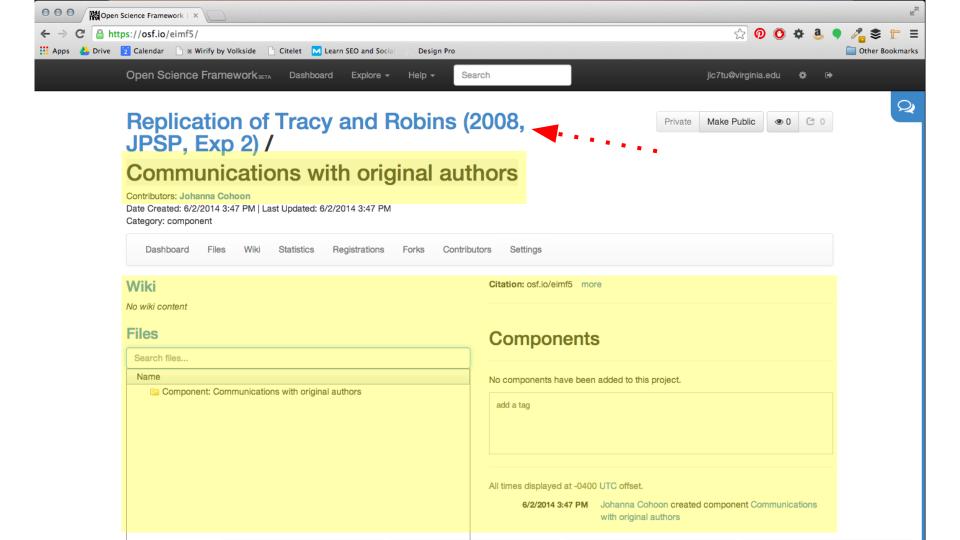
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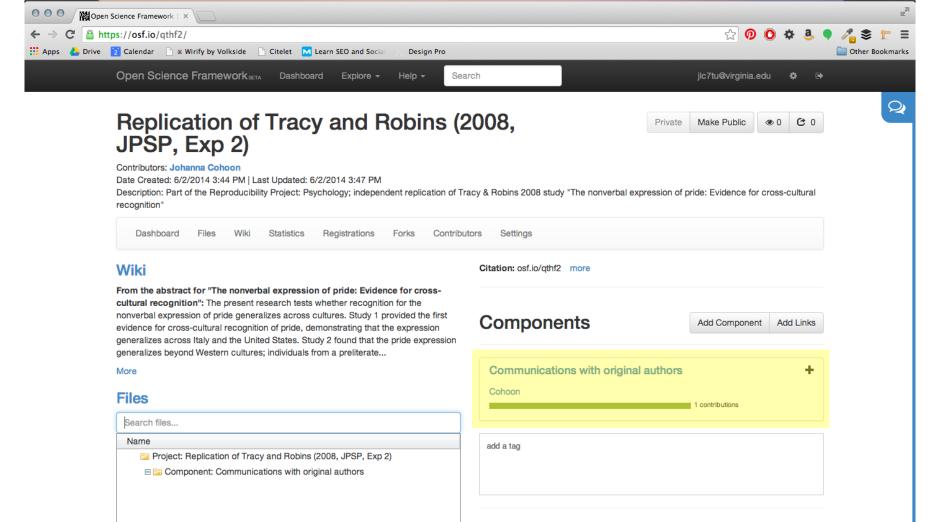
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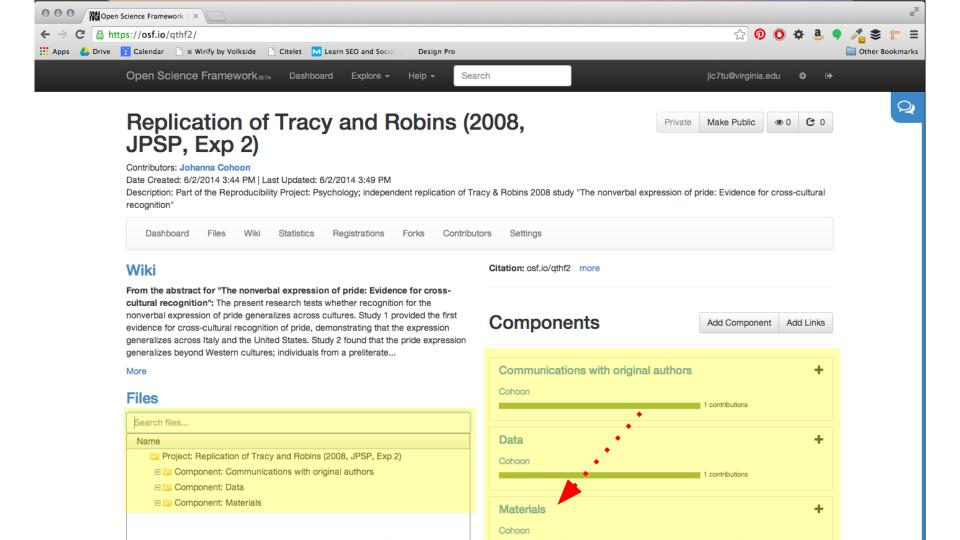


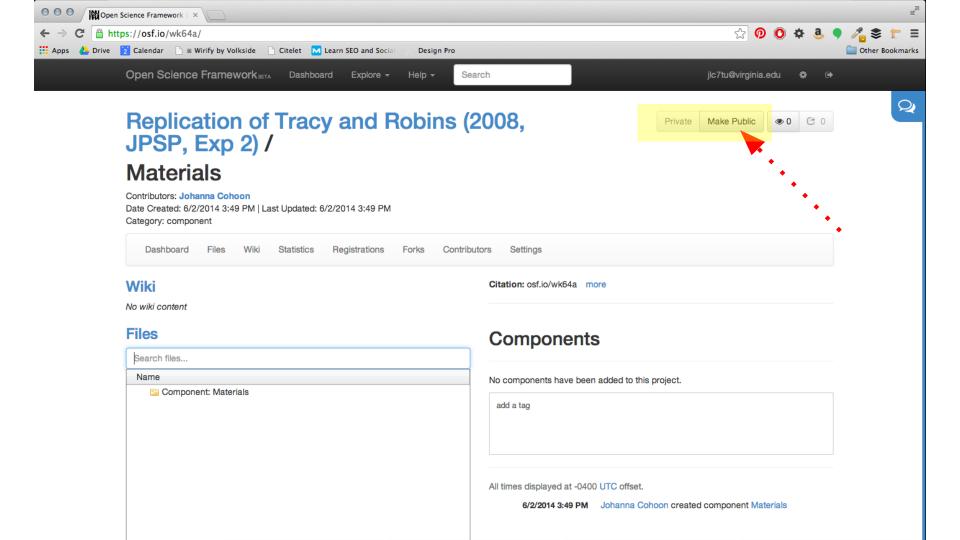
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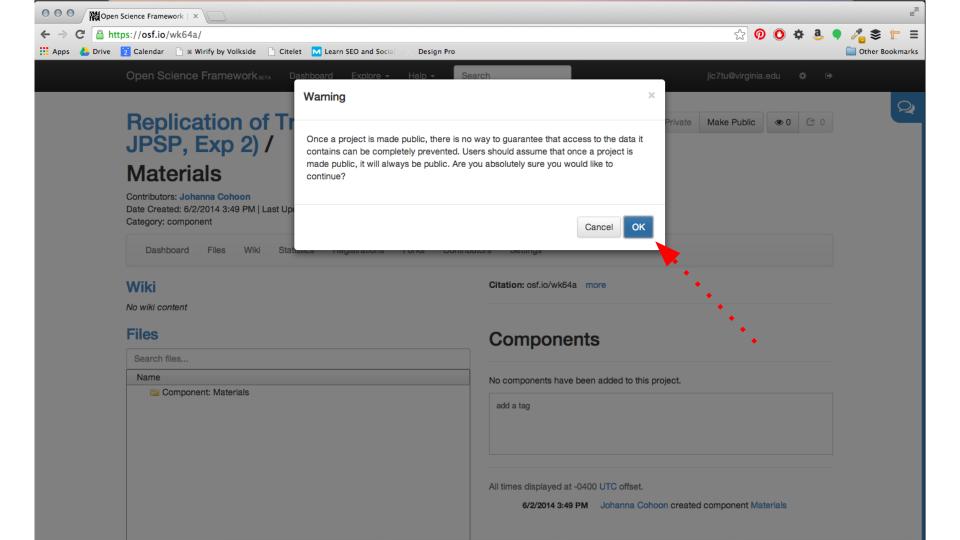


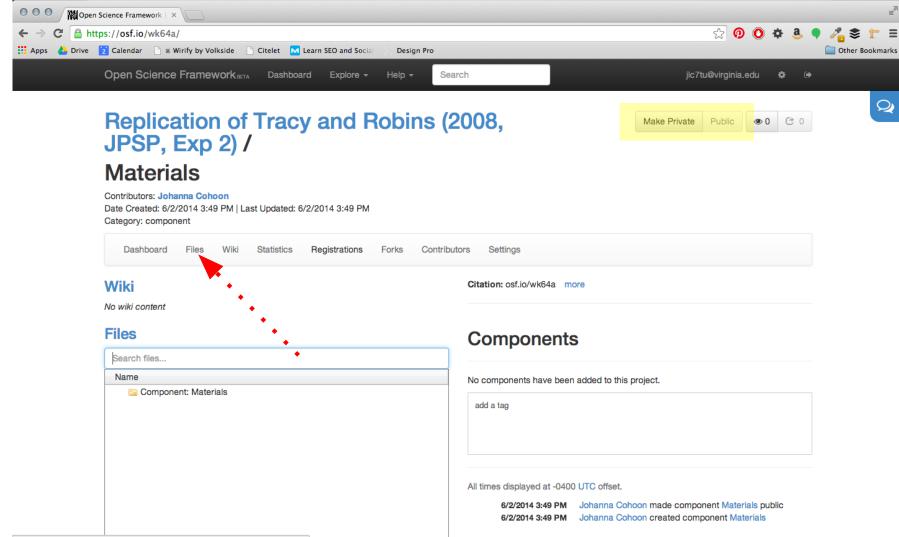


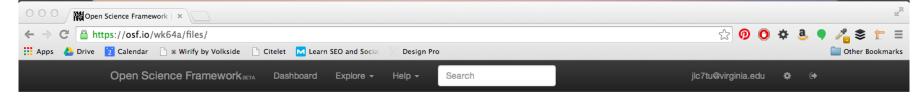
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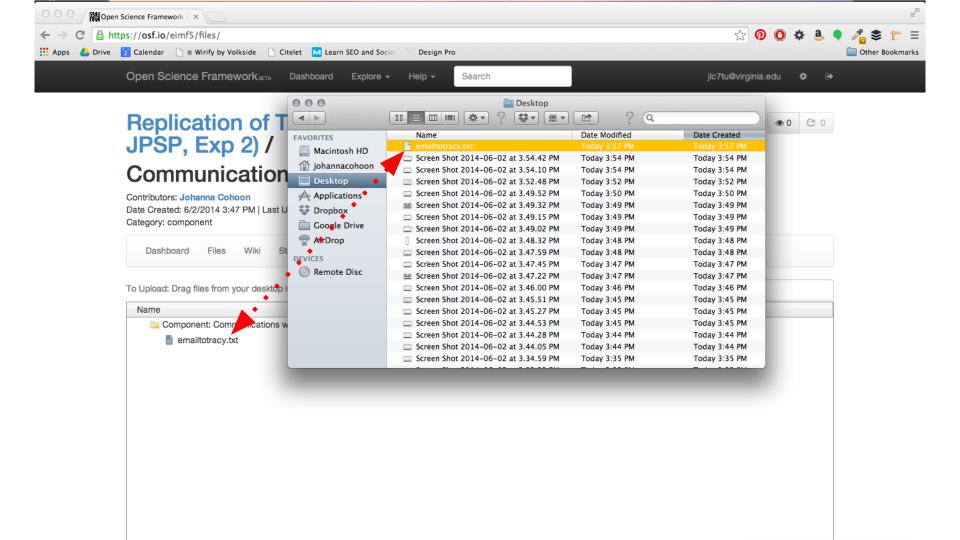
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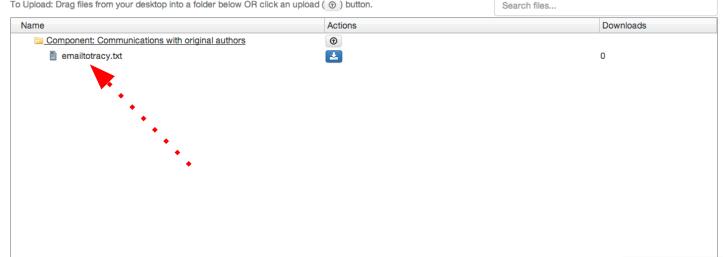
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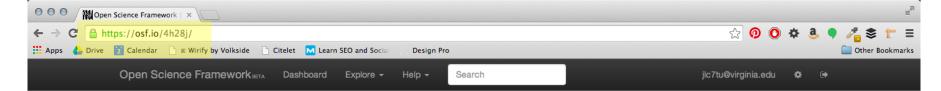
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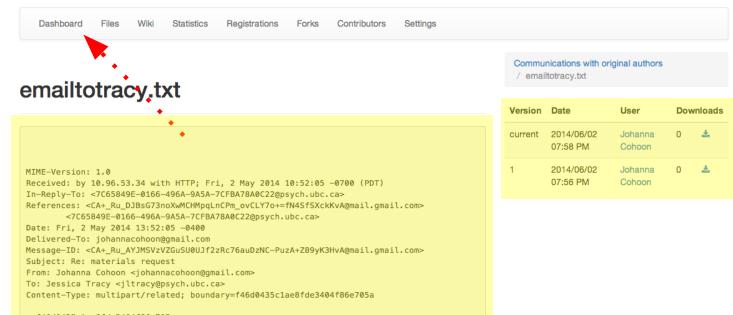
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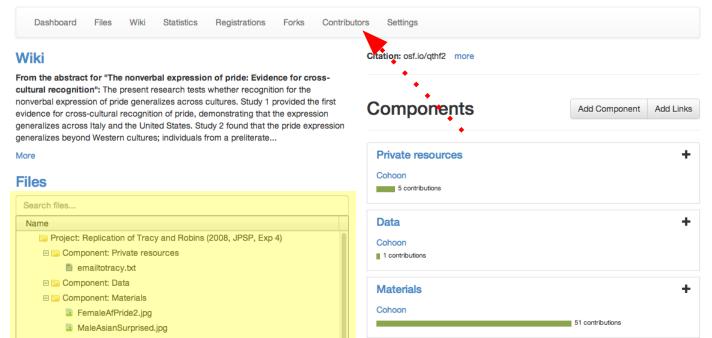
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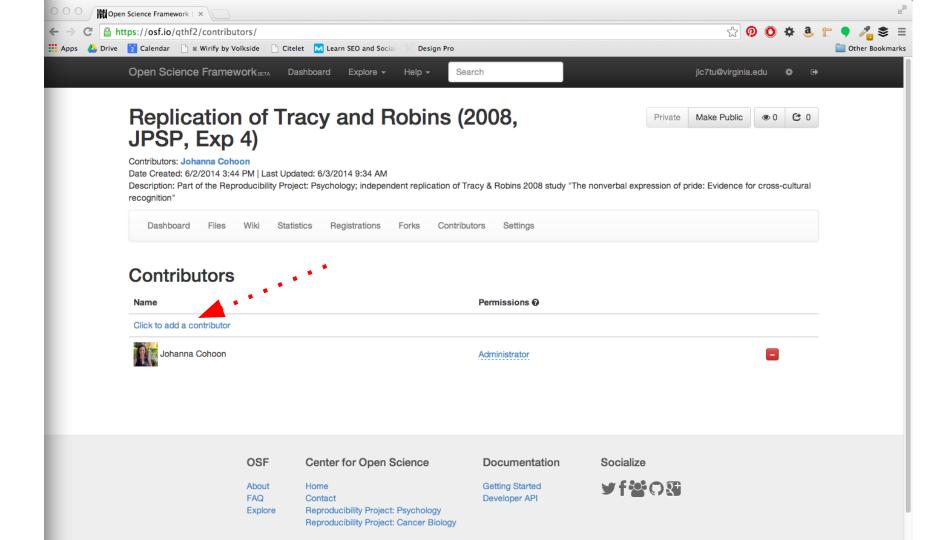
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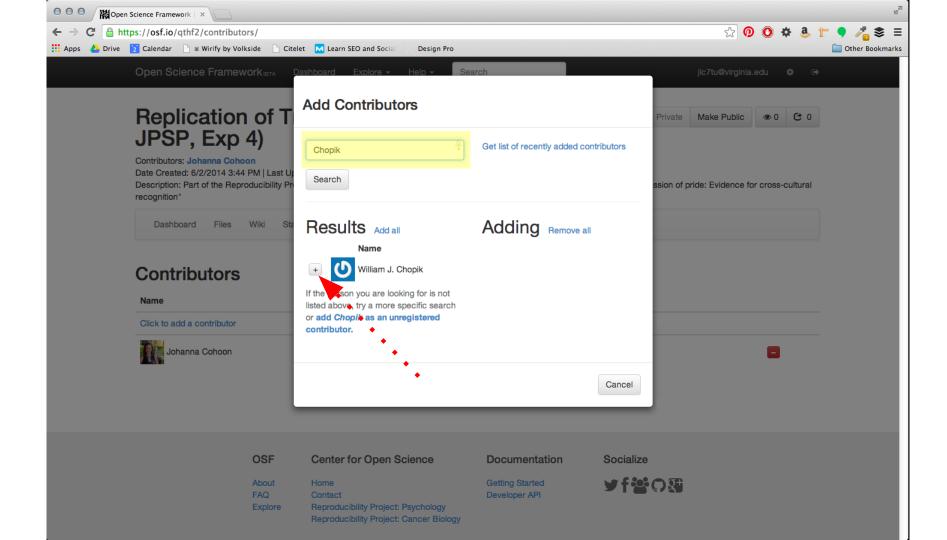
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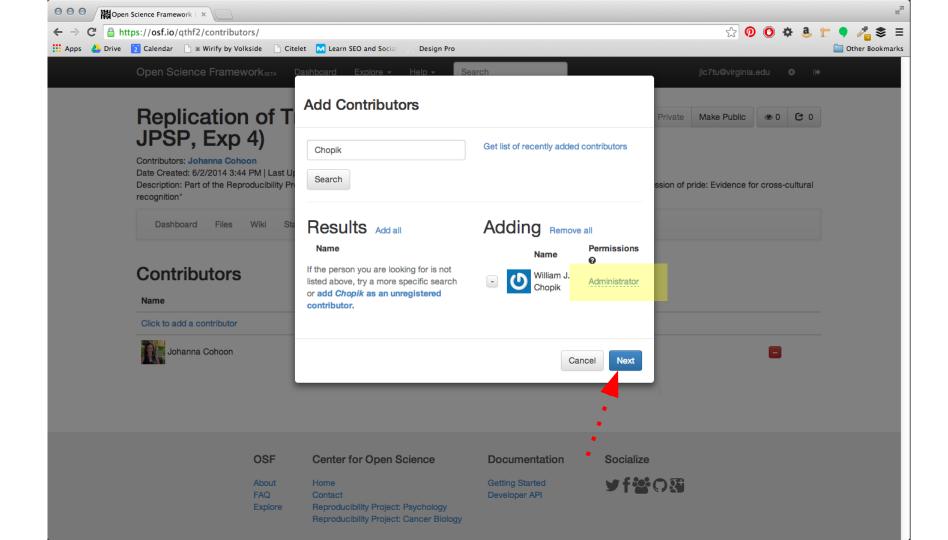
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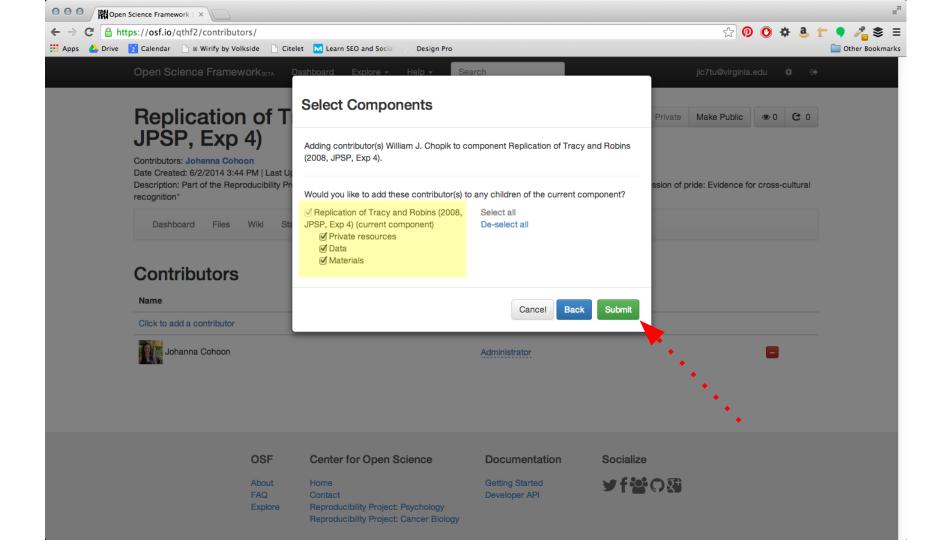
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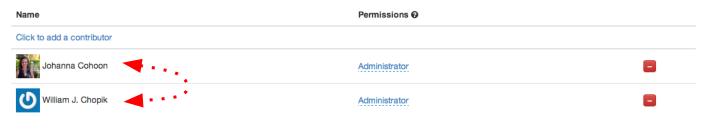
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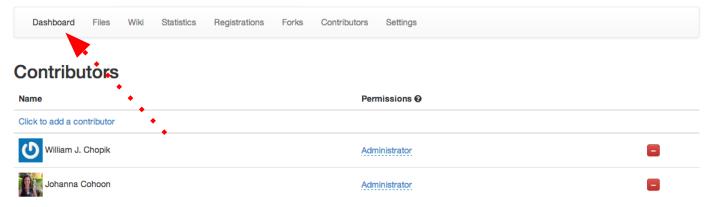


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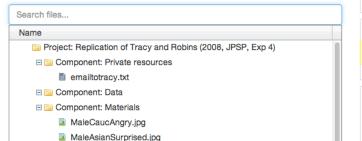
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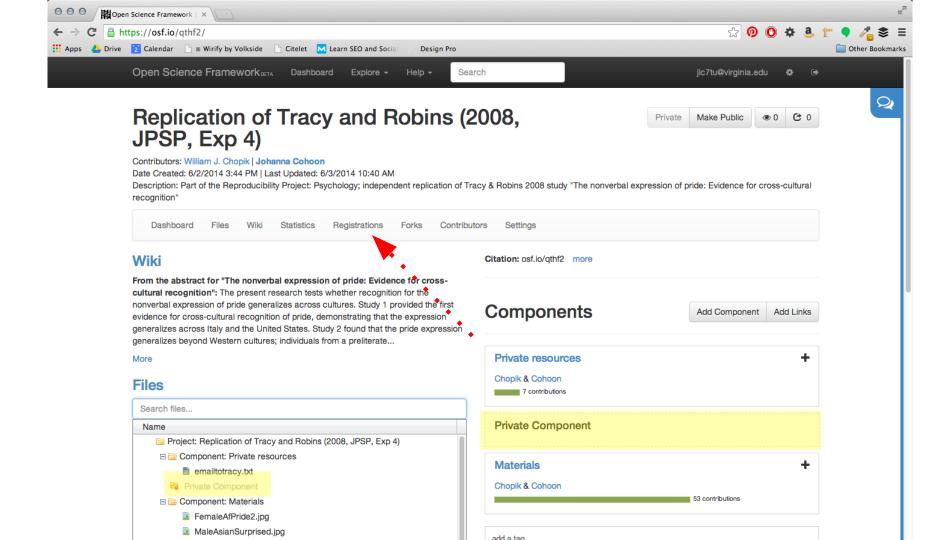
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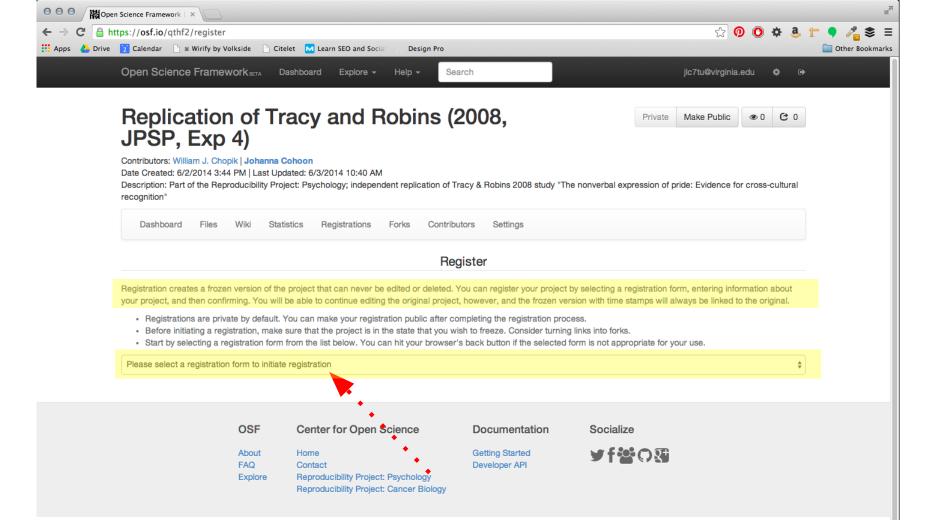
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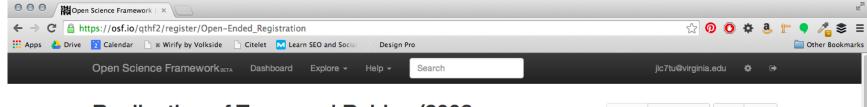
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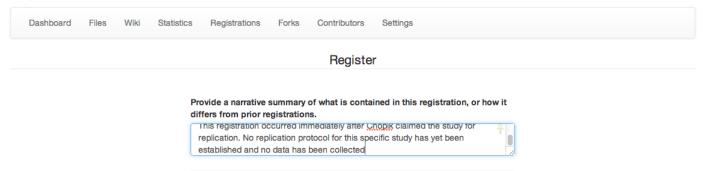
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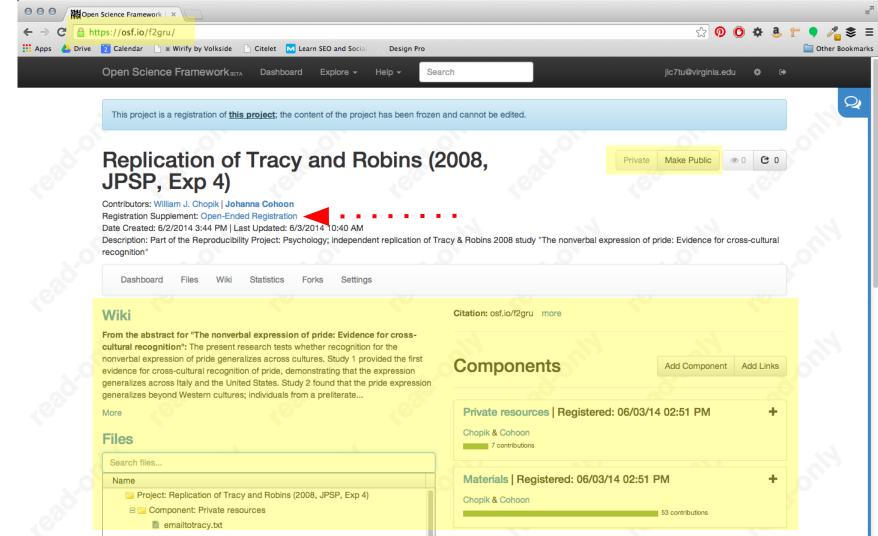


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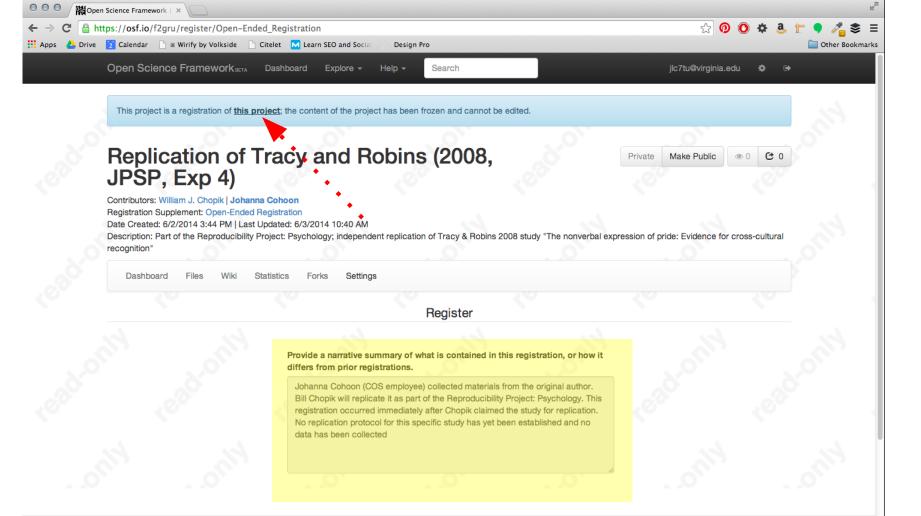
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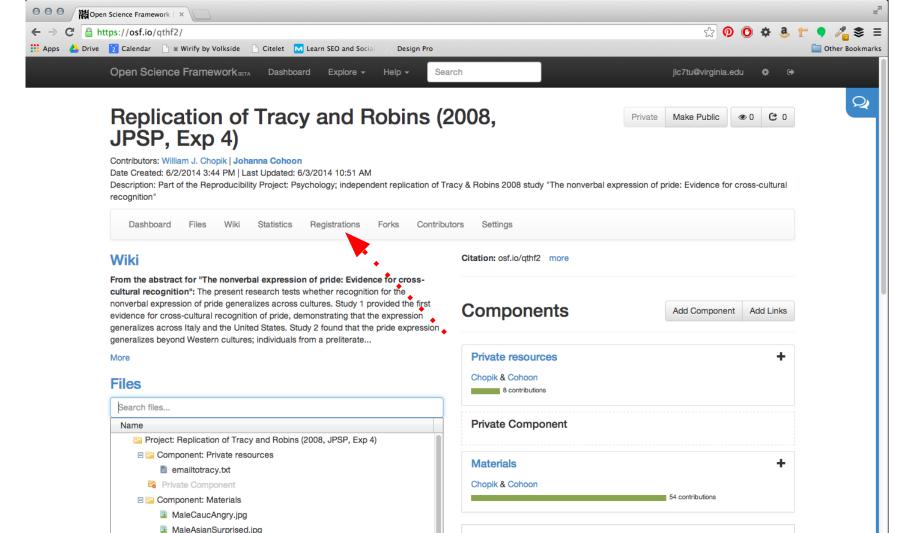




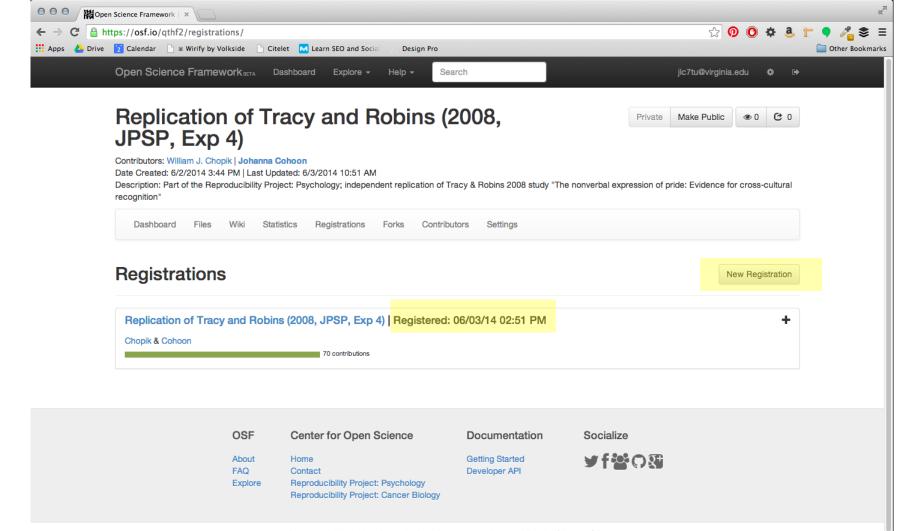
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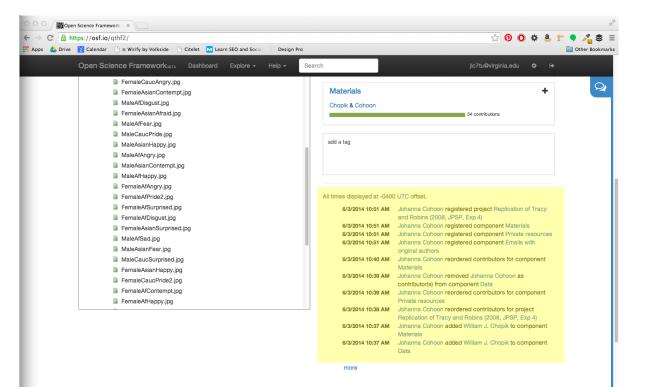


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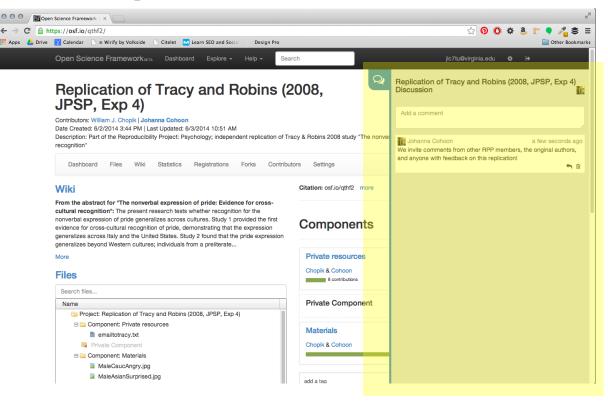


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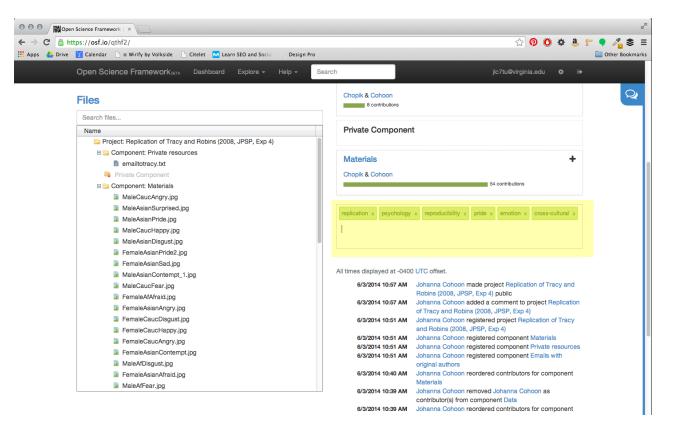
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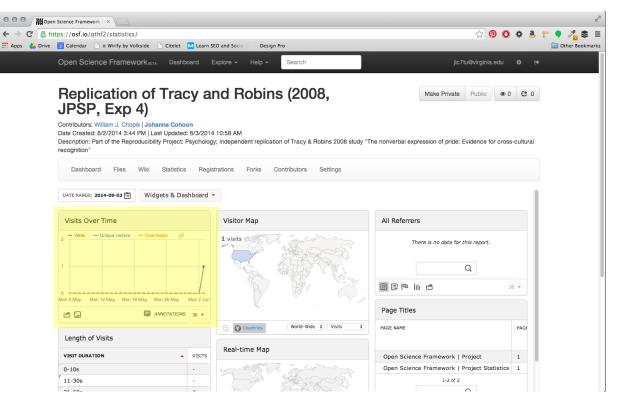
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- Support pre-registration
- Create alternative means of measuring impact
- Enable sharing of materials
- Facilitate good research
 - Organize files
 - Allow collaboration

In the future

- Check lists
- Notifications
- Messaging
- Dataverse, Evernote, Trello, Plot.ly