

— What are Reproducible Research & Open Science Badges? —

These are small signals that recognise your efforts to improve the reproducibility and openness of your research. Inspiration from these comes from the [Open Science Framework Badges to Acknowledge Open Practices Project](#). The goals of these badges are to:

- have a low-stakes program to raise the visibility on campus of people doing reproducible research and open science
- provide some simple incentives to working reproducibly and in the open
- get researchers who are new to these ideas onto a trajectory of improvement
- communicate to people the key principles and tools for reproducible research and open science

How do I get a Reproducible Research & Open Science Badge?

Badges will be awarded to individual researchers who self-certify by listing URLs of their research products as evidence of their eligibility for a badge.

Submit your evidence for each item by completing [this survey](#)



Everyone will get a badge! Badges will be customized based on your total score as described in the table below.

— Reproducible Research & Open Science Badge Criteria —

CRITERION	SCORE
Category One - Reproducibility	
Publication has complementing code & data repositories that can be used to reproduce results	4 pts each
Code repositories have detailed, plain-English README files describing the computational environment and dependencies (including version numbers) to facilitate independent reproduction	1 pt each
Computational environment captured (ie. in a virtual machine image/dockerfile/vagrantfile, etc.) in one or more research compendia	1 pt
Primary software tools for research are open source	1 pt
Submit your code for review	2 pts each
Perform code review for someone else	2 pts each
Have the substantive results of your publication reproduced by someone else using your code and data	2 pts each
Perform a reproducibility review for someone else	2 pts each
Category Two - Open Data and Code	
Code is developed in one or more GitHub/BitBucket/GitLab or similar version-controlled open code repository	1 pt
Code has one or more tests	1 pt
One or more code repository has an open license (eg. MIT/BSD/GPL2 etc.)	1 pt
One or more code repository has a persistent URL (eg. DOI) to a specific release	1 pt
One or more datasets in an institutional repository (not personal webpage)	1 pt
One or more datasets in Figshare/Zenodo or domain specific open data repository that issues persistent URLs	1 pt
One or more sets of raw data are published as soon as generated	5 pts
One or more sets of raw data are in open formats (eg. CSV, txt, etc.)	1 pt
One or more Online Lab Notebooks	
An account at one or more web-based code-hosting service (eg. GitHub/BitBucket/GitLab or similar)	
Category Three - Open Access Products	
One or more grant proposals & data management plans online & Open Access	1 pt
Preprint in arXiv , bioRxiv , PeerJ Preprint	1 pt each
Green Open Access copies of publications in a discipline or institutional repository	1 pt each
>75% of papers in last two years are Open Access	5 pts
>50% of papers in last two years are Open Access	2 pts
Publons and/or PubPeer account	1 pt
An ORCID ID	1 pt

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— What do the Badges look like? —

There will two forms for the badges, a generic one: . Based on your point value as shown in the table below, you can share a personalized badge (ie .

LEVEL	CRITERIA
Gold	50 points
Silver	25 points
Bronze	10 points

— How do I get my embed code? —

Eventually we will magically provide it - for now see [this page](#).