



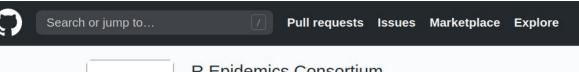


The COVID-19 challenge

A collaborative platform to aid the COVID19 response

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R Epidemics Consortium

Consortium for epidemics analysis and outbreak response using R

A http://www.repidemicsconsortium.org





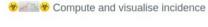
Packages



| Projects

Pinned repositories







●R ☆53 ¥13

outbreaker2

Disease outbreak reconstruction from epidemiological and genetic data

●R ☆15 ¥11

☐ learn

RECON learn: a free, open platform for training material on epidemics analysis

● HTML ☆ 26 ♀ 23

epicontacts

Handling, Visualisation and Analysis of **Epidemiological Contacts**



●R ☆8 ¥8

aweek

Convert dates to arbitrary week definitions 12



●R ☆10 ¥4



Self-contained R environment on a thumb drive



OR \$ 5 \$ 2

RECON and COVID19

Recon and covid19 examples, plots, photos

The covid19 challenge

- Lack of feedback from the field
- Lack of communication with the R community
- https://github.com/reconhub/covid19hub
- Fig1



Task definition

- A modification for an existing function
- Suggestion for a new package
- Request for a new function/functionality in an existing package
- A new Rmarkdown analysis template
- An ad hoc function, not necessarily inside an existing package (but discouraged, add to packages where possible)
- Training resources (practicals, lectures, videos, ...)
- Code reviews for existing code
- Testing existing features
- Limited to COVID-19 specific tasks

Task lifecycle

	Field agent	R programmer	Project board	Package maintainer
1	Opens task			
2			Validates task	
3		Assigns him/herself task		
4		Resolve task		
5		Pull request		
6				Merge code to package
7	Closes task			

DEMO

Ongoing questions

Milestones

- Initial release: Septembre 2020
- Second release: October 2020

Join the response against COVID19!

- Add recon twitter + covid19 twitter
- Presentation link:
- Platform link: www.tasks.repidemicsconsortium.org
- RECON website: https://github.com/reconhub/covid19hub/issues
- RECON packages: https://github.com/reconhub/
- RECON issues: https://github.com/reconhub/covid19hub/issues
- My email
- My github
- Presentation abstract: https://sites.google.com/view/dscc-19/call-to-action-matthieu-rolland?authuser=0