the WINNOWER
this is the cause of cancer
this is the cause of cancer
Everything we eat both causes and prevents cancer

- Wine
- Tomatoes
- Tea
- Milk
- Eggs
- Corn
- Coffee
- Butter
- Beef

Relative risk of cancer

Protects against cancer  Causes cancer

SOURCE: Schoenfeld and Ioannidis, American Journal of Clinical Nutrition
how much work can we trust?
When 53 landmark cancer studies conclusions were tested only 6 (11%) could be confirmed. (Begley & Ellis, 2012)

Only ~30% of studies tested for validity in drug discovery could continue. (Prinz, Schlange, and Asadullah, 2011)
does classical peer review work?
does peer review weed out the chaff?
Editors at the British Medical Journal found on average that only 2 out of 9 major errors were detected (Schroter et al., 2008)

At JAMA only 2 out of 8 errors were noticed (Godlee et al., 1998)

At the Annals of Emergency Medicine, 68% of reviewers did not realize the conclusions were not supported by the evidence (Baxt et al., 1998)
The Winnower is founded on the principle that all ideas should be openly discussed, debated, and archived.

Submit your work. Collect Reviews. Assign DOI & Archive.

Submission
Publish your research, class essays, peer reviews, grants, letters, how-to articles, conference summaries, conference talks, blogs — whatever format you choose.

Review
Invite researchers and colleagues to review your work using The Winnower. The review period can be as long as or as short as you need it to be.

Revision
Revise your work based on the reviews you receive. You can make as many or as little changes as necessary before archiving.

Archival
Once you are satisfied with your paper you can assign a digital object identifier (DOI). Metrics including Altmetrics, views, and reviews, will track the impact of your work.
Submission

Publish your research, class essays, peer reviews, grants, letters, how-to articles, conference summaries, conference talks, blogs - whatever format you choose.
we’re growing!

authors

papers
but still lots to be done...
future

publish journal clubs

automate reviewer id/invites

add more article level metrics (computer aided peer review)

EXPERIMENT
thanks!

josh@thewinnower.com

@thewinnower

thewinnower.com