Software Developers are Human, Too!

Different data sets, different measures, different statistical techniques...

Contributing to multiple GNOME subprojects or engaging in multiple activity types corresponds to increased productivity [1].

Crowdsourced knowledge (asking or answering questions on Stack Overflow) catalyzes software development (social coding on GitHub) [2].

Being publicly rewarded with reputation points and badges results in faster answers on Q&A platforms than on traditional mailing lists for experts active on both [3].

The more things you do, the more things you can do! Those who engage in multiple communities or participate in multiple projects are typically the most active / productive from each community.

Why?

The fitter you are, the more you signal!

Career concerns or desire for peer recognition make the developers “signal” their fitness. More knowledgeable developers signal more.

