



SCB - download metrics notes

Amanda Infeld
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Overall

Data processing

- Removed downloads with *bytessent* = 1
- As of 8/17/21: comprised ~8% of downloads

Downloads

Defined as: unique daily dataset downloads by remoteip

- Only includes downloads for datasets currently on the cellxgene platform

Users

- Proxied by *remoteip*

Metrics

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Most downloaded datasets

Normalized

- Value: $(\# \text{ of downloads} / \# \text{ of days on the platform since max(upload date, April 27, 2021)}) * 100$
- Downloads didn't start getting tracked until April 27, 2021

Downloads by dataset characteristic

Normalized

- First we account for datasets that have been on the platform longer than others
 - Value = $[\# \text{ of downloads} / \# \text{ of days on the platform since max(upload date, April 27, 2021)}] * 100$
- Second, we account for more datasets with cells of a certain category than others
 - value / $\#$ of datasets of that category