

# Package ‘adjustedcranlogs’

November 23, 2017

**Type** Package

**Title** Remove Automated and Repeated Downloads from 'RStudio' 'CRAN'  
Download Logs

**Version** 0.1.0

**Date** 2017-11-22

**Description** Adjusts output of 'cranlogs' package to account for 'CRAN'-  
wide daily automated downloads and re-downloads caused by package updates.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.0.1

**Imports** cranlogs, xml2, lubridate, dplyr, rvest

**Depends** R (>= 2.10)

**URL** <https://github.com/tylermorganwall/adjustedcranlogs>

**BugReports** <https://github.com/tylermorganwall/adjustedcranlogs/issues>

**NeedsCompilation** no

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**Repository** CRAN

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adj\_cran\_downloads      *Adjusted Cran Downloads*

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### Description

Removes daily shared downloads amongst CRAN packages and re-download/CRAN mirror spikes associated with package updates.

### Usage

```
adj_cran_downloads(packages, when, from, to, removeupdatespikes = TRUE,
  numbercomparison = 100, packagequantile = 0.05)
```

### Arguments

packages	A character vector, the packages to query.
when	last-day, last-week or last-month. If this is given, then from and to are ignored.
from	Start date, in yyyy-mm-dd format, or last-day. It is ignored if when is given.
to	End date, in yyyy-mm-dd format, or last-day. It is ignored if when is given.
removeupdatespikes	Default TRUE. Removes the spike in downloads due to automatic re-downloads and CRAN mirrors associated with a package update. Replaces value with the median download value across the measurement period.
numbercomparison	Default 100. The number of random packages to inspect to determine the minimum number of downloads in any single day.
packagequantile	Default 0.05. The quantile defining the "minimum" number of downloads on a single day.

### Value

A data frame of downloads and total downloads by package.

date	Day of the downloads, it is a Date object.
package	The package. This column is missing if all packages were queried.
count	Raw download count.
total_downloads	Raw total number of downloads from beginning of measurement period.
mindownloads	Estimated CRAN-wide automated downloads for that day.
updateday	TRUE if the package was updated that day, FALSE otherwise.
adjusted_downloads	Daily download count, adjusted.
adjusted_total_downloads	Adjusted total number of downloads from beginning of measurement period.

**Examples**

```
## Not run: adj_cran_downloads("skpr", from="2017-08-15", to="2017-11-15")
adj_cran_downloads("skpr", when="last-month")
adj_cran_downloads(c("skpr", "AlgDesign"), when="last-month")
## End(Not run)
```

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