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simple-statistics TS

7.8.3 • Public • Published a year ago

[Readme](#)[Code](#) Beta

 0 Dependencies

 260 Dependents




 70 Versions

Simple Statistics

A JavaScript implementation of descriptive, regression, and inference statistics.

coverage 99% npm package 7.8.3

Implemented in literate JavaScript with no dependencies, designed to work in all modern browsers (including IE) as well as in **node.js**.

-  [API Documentation](#)
-  [Benchmarks](#)
-  [A list of other statistics libraries](#)

Installation

- I'm using Node.js, Webpack, Browserify, Rollup, or another module bundler, and install packages from npm.

- First, install the `simple-statistics` module, using `npm install simple-statistics`, then include the code with `require` or `import`:
- I use the `require` function to use modules in my project. (most likely)
 - When you use `require`, you have the freedom to assign the module to any variable name you want, but you need to specify the module's name exactly: in this case, 'simple-statistics'. The `require` method returns an object with all of the module's methods attached to it.

```
var ss = require('simple-statistics')
```

- I use `import` to use modules in my project. I'm probably using Babel, `@std/esm`, Webpack, or Rollup.
 - Import all functions under the `ss` object:

```
import * as ss from 'simple-statistics'
```

Include a specific named export:

```
import {min} from 'simple-statistics'
```

Simple statistics has *only* named exports for ES6.

- I'm using Deno.
 - Simple Statistics is published for Deno: <https://deno.land/x/simplestatistics>
- I'm not using a module bundler. I'm writing a web page, and want to include simple-statistics using a script tag.
 - I want to support all browsers
 - When you use simple-statistics from a script tag, you don't get to choose the variable name it is assigned to: simple-statistics will always become available globally as the variable `ss`. You can reassign this variable to another name if you want to, but doing so is optional.

```
<script src='https://unpkg.com/simple-statistics@7.8.2/dist.  
</script>
```

- I want to use ES6 modules in a browser and I'm willing to only support new browsers to do it
 - This module works great with the `?module` query parameter of unpkg. If you specify `type='module'` in your script tag, you'll be able to import simple-statistics directly - through `index.js` and with true ES6 import syntax and behavior.

```
<script type='module'>
import {min} from "https://unpkg.com/simple-statistics@7.8.
console.log(min([1, 2, 3]))
</script>
```

This feature is still experimental in unpkg and very bleeding-edge.

Keywords

descriptive linear math probability regression statistics

Install

```
> npm i simple-statistics
```



Repository

 github.com/simple-statistics/simple-statistics

Homepage

 github.com/simple-statistics/simple-statistics#readme

Weekly Downloads

108,116

Version

7.8.3

License

ISC

Unpacked Size

1.19 MB

Total Files

189

Issues

20

Pull Requests

8

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