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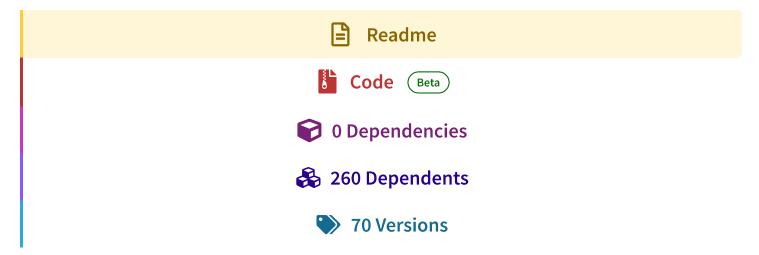
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# simple-statistics statistics

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# **Simple Statistics**

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



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
- 1 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.
  - o 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 simplestatistics 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

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

#### ★ Weekly Downloads

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7.8.3 ISC

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