

```
1 import { mean, stdev } from './util'
2
3 const means = {}
4 const stdevs = {}
5 let observations = []
6
7 for (let i of [0, 1, 2]) {
8   for (let j of [0, 1, 2]) {
9     let sample = [i, j]
10    sampleMean = mean(sample)
11    sampleStdev = stdev(sample)
12
13    means[sampleMean] = 1 + (means[sampleMean] ?? 0)
14    stdevs[sampleStdev] = 1 + (stdevs[sampleStdev] ?? 0)
15    observations = [...observations, {i, j, sampleMean, sampleStdev }]
16  }
17 }
18
19 const combinations = observations.length
20
21 console.table(observations)
22
23 console.table(
24   Object.keys(means).sort()
25     .reduce((acc, x) => [ ...acc, { x, probability:
26       `${means[x]}/${combinations}` }], [])
27 )
28 console.table(
29   Object.keys(stdevs).sort()
30     .reduce((acc, x) => [ ...acc, { x, probability:
31       `${stdevs[x]}/${combinations}` }], [])
32 )
```