

Mevlüt Emre Tanrıverdi

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```
> function range(ilkDeger, sonDeger, artisMiktari = ilkDeger <= sonDeger ? 1 : -1) {
  let result = [];
  for (let i = ilkDeger; artisMiktari>= 0 ? i <= sonDeger: i >= sonDeger; i+=artisMiktari) {
    result.push(i);
  }
  return result;
}
< undefined
> function sum(list){
  total=0;

  for(let i of list) {
    total +=i;
  }

  return total;
}
< undefined
> console.log(range(1, 10));
  ▶ (10) [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
< undefined
> console.log(range(5, 2, -1));
  ▶ (4) [5, 4, 3, 2]
< undefined
> console.log(sum(range(1, 10)));
  55
```

Data Analysis

Minimum correlation =

90 journal entries and 25 events
exercise: 0.0686 10
weekend: 0.1372 30
bread: -0.0758 8
pudding: -0.0648 6
brushed teeth: -0.3805 64
touched tree: -0.0808 9
nachos: -0.0704 7
cycling: -0.0808 9
brussel sprouts: -0.0523 4
ice cream: -0.0808 9
computer: 0.0686 10
potatoes: -0.0857 10
candy: 0.1296 6
dentist: -0.0366 2
running: -0.0905 11
pizza: 0.0686 10
work: -0.1372 60
beer: -0.0523 4
cauliflower: -0.0808 9
lasagna: 0.0808 9
lettuce: -0.0704 7
television: -0.0808 9
spaghetti: 0.2425 9
reading: 0.1107 7
peanuts: 0.5903 13

```
> function analyze(min=0) {
  let a = [];
  for (let evt of EVENTS) {
    let size=0;
    for (let entry of JOURNAL)
      for (let e of entry.events){
        if(e==evt){
          size+=1;
        }
      }
    let cor = phi(tableFor(evt));
    if (Math.abs(cor) > min)
      a.push(evt +": "+cor.toFixed(4)+" "+size)
  }
  return a
}
< undefined
>
```

