

```
In [1]: from scipy import stats
```

```
In [7]: stats.t.interval(alpha = 0.97, df= 1999, loc = 200, scale = 30)
```

```
Out[7]: (134.85077199775026, 265.14922800224974)
```

```
In [8]: stats.t.interval(alpha = 0.99, df= 1999, loc = 200, scale = 30)
```

```
Out[8]: (122.6512694143423, 277.3487305856577)
```

```
In [9]: stats.t.interval(alpha = 0.98, df= 1999, loc = 200, scale = 30)
```

```
Out[9]: (130.15355671679083, 269.84644328320917)
```

```
In [ ]:
```