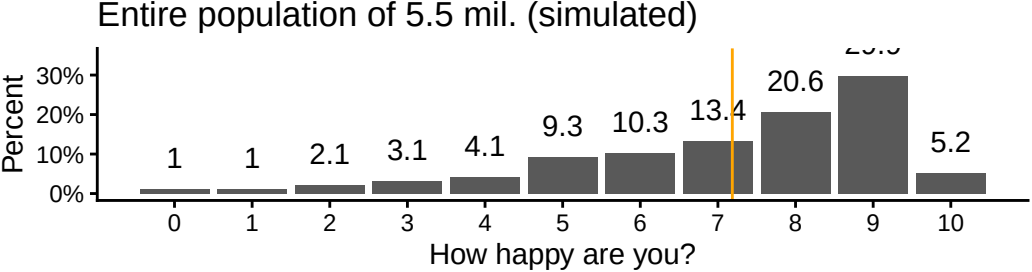
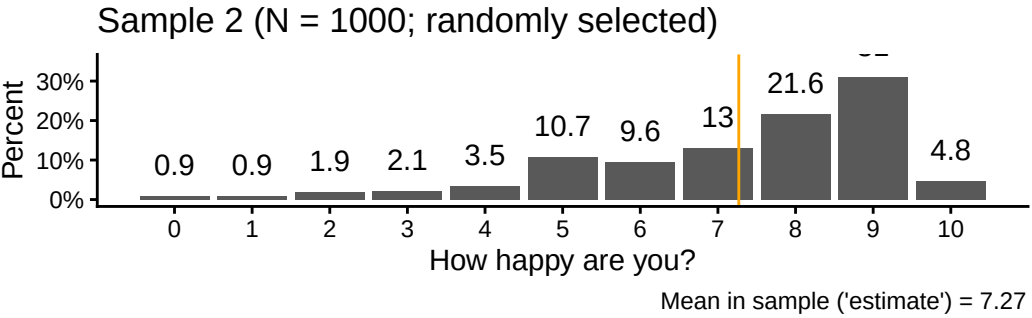

Entire population of 5.5 mil. (simulated)
Percent
30%
20%
10%
0%
1
1
2.1
3.1
4.1
9.3
10.3
13.4
20.6
5.2
0
1
2
3
4
5
6
7
8
9
10
How happy are you?
Mean in population ('true value') = 7.19


Sample 2 (N = 1000; randomly selected)
Percent
30%
20%
10%
0%
0.9
0.9
1.9
2.1
3.5
10.7
9.6
13
21.6
4.8
0
1
2
3
4
5
6
7
8
9
10
How happy are you?
Mean in sample ('estimate') = 7.27