10 samples each of N = 50

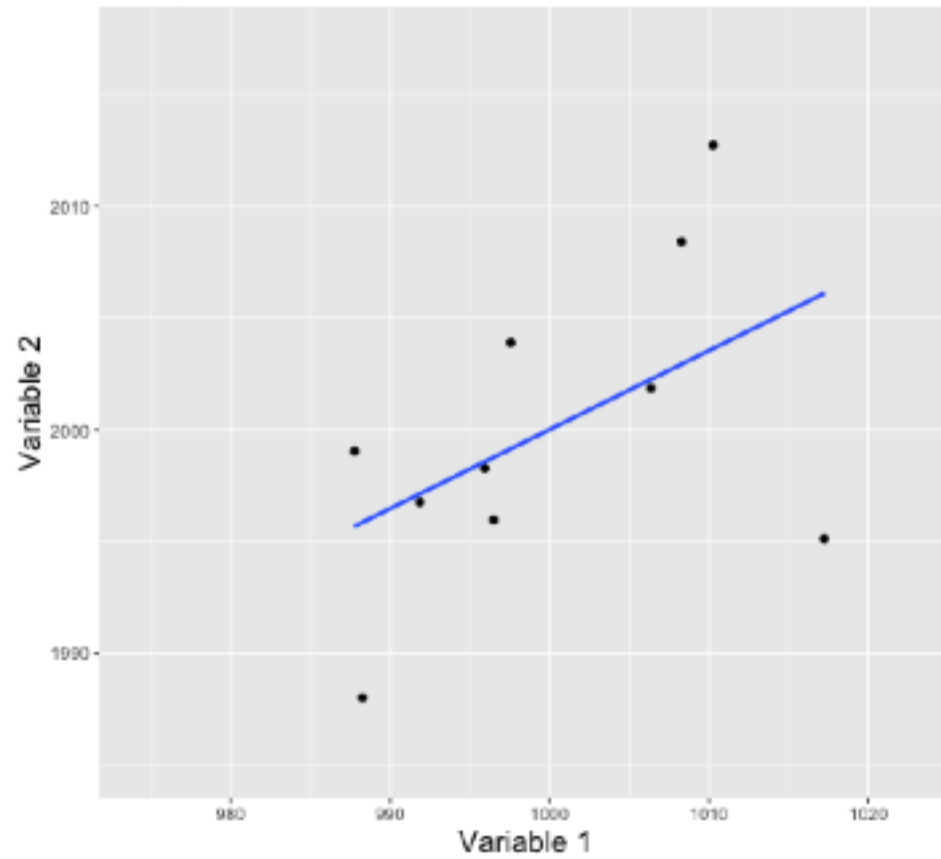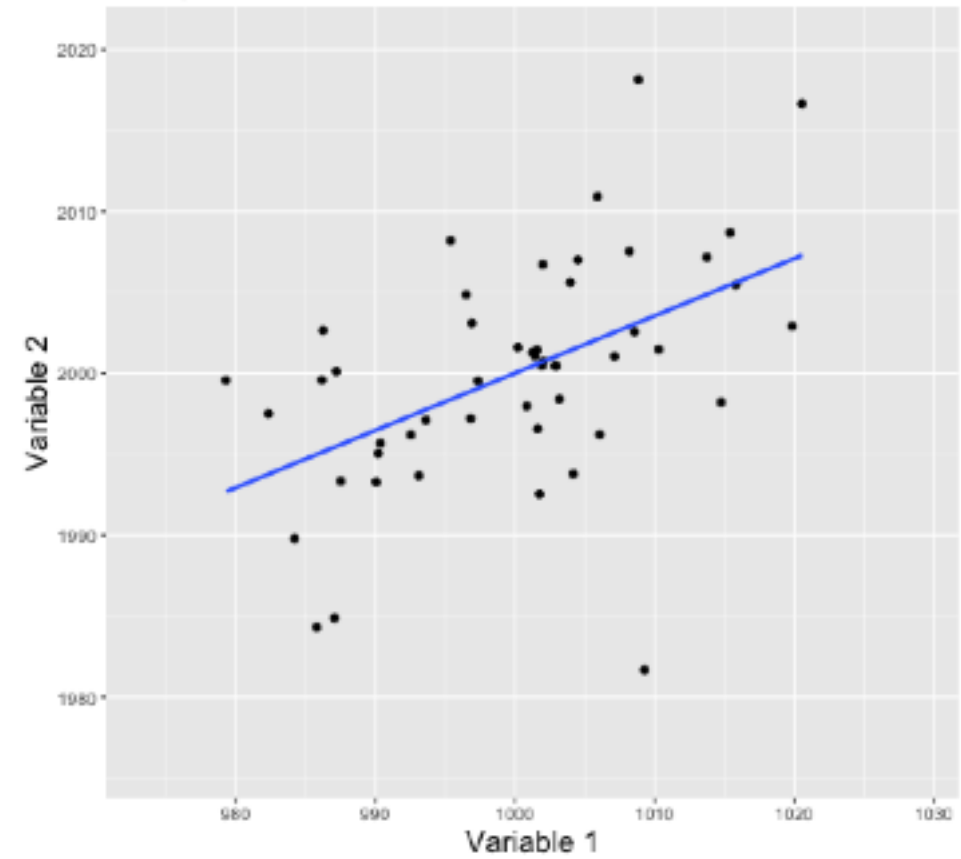| Sample No.	Correlation
1	0.574
2	0.363
3	0.141
4	0.676
5	0.266
6	0.308
7	0.542
8	0.461
9	0.512
10	0.515

10 Samples When Sample Size = 50
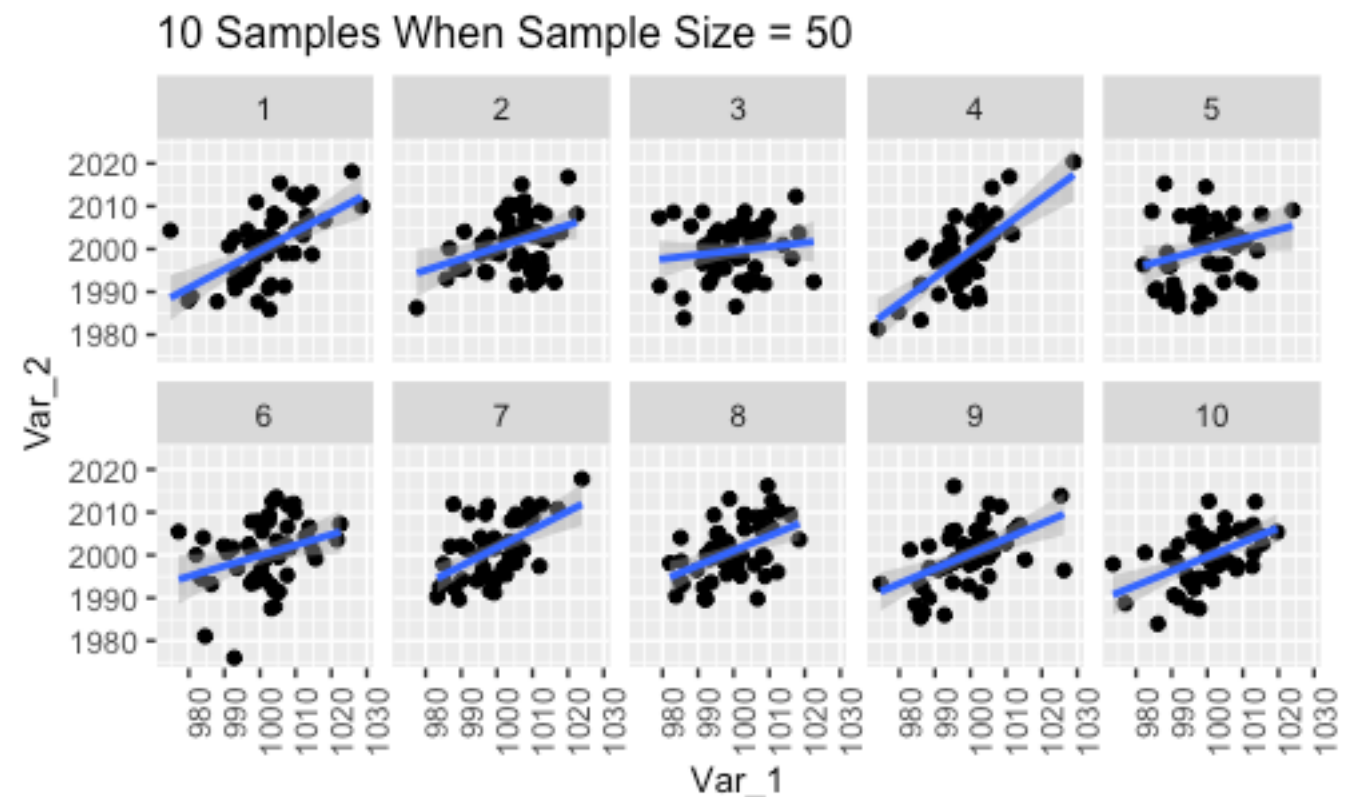
Even with a sample size of 50, we have quite a range of Pearson r values - ranging from .141 to .676 (and remember Pearson r in the population is = .5)
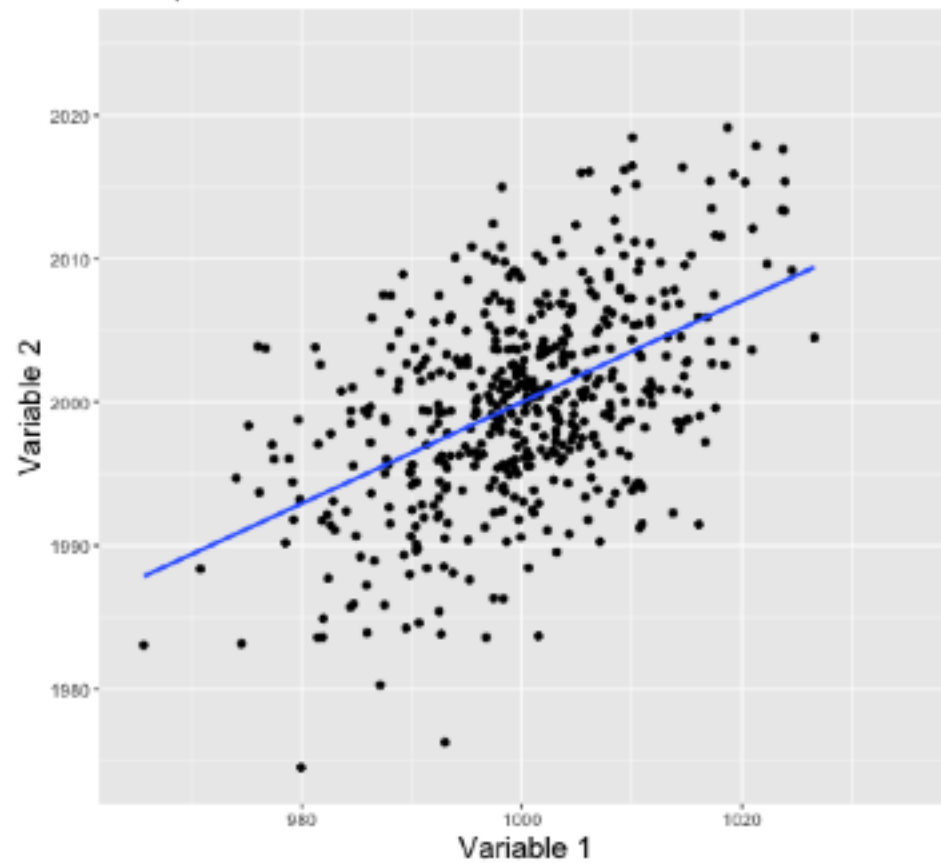
10 samples where each sample size = 10
Sample number: 1

10 samples where each sample size = 50
Sample number: 1

10 samples where each sample size = 500
Sample number: 1

10 samples where each sample size = 5000
Sample number: 1