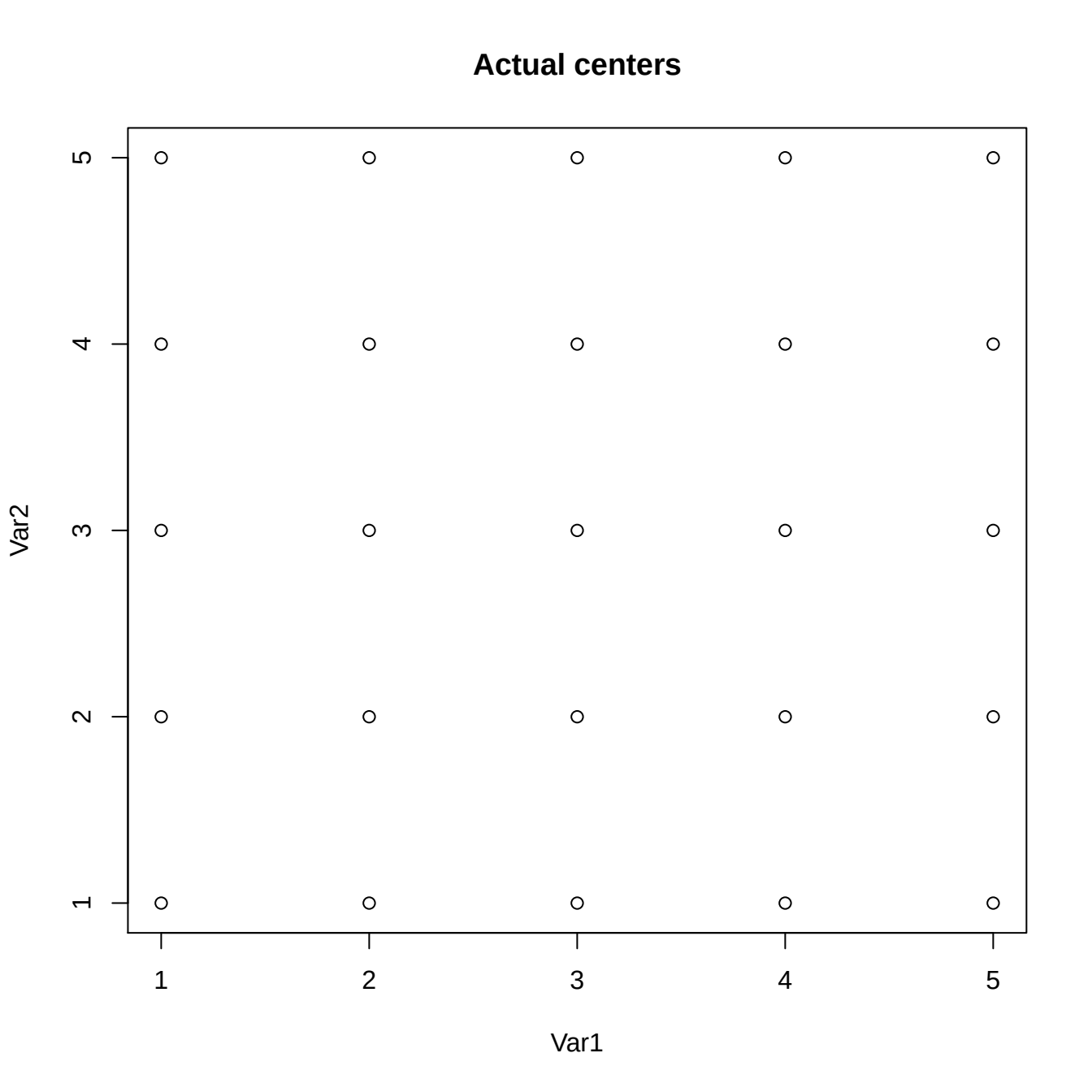
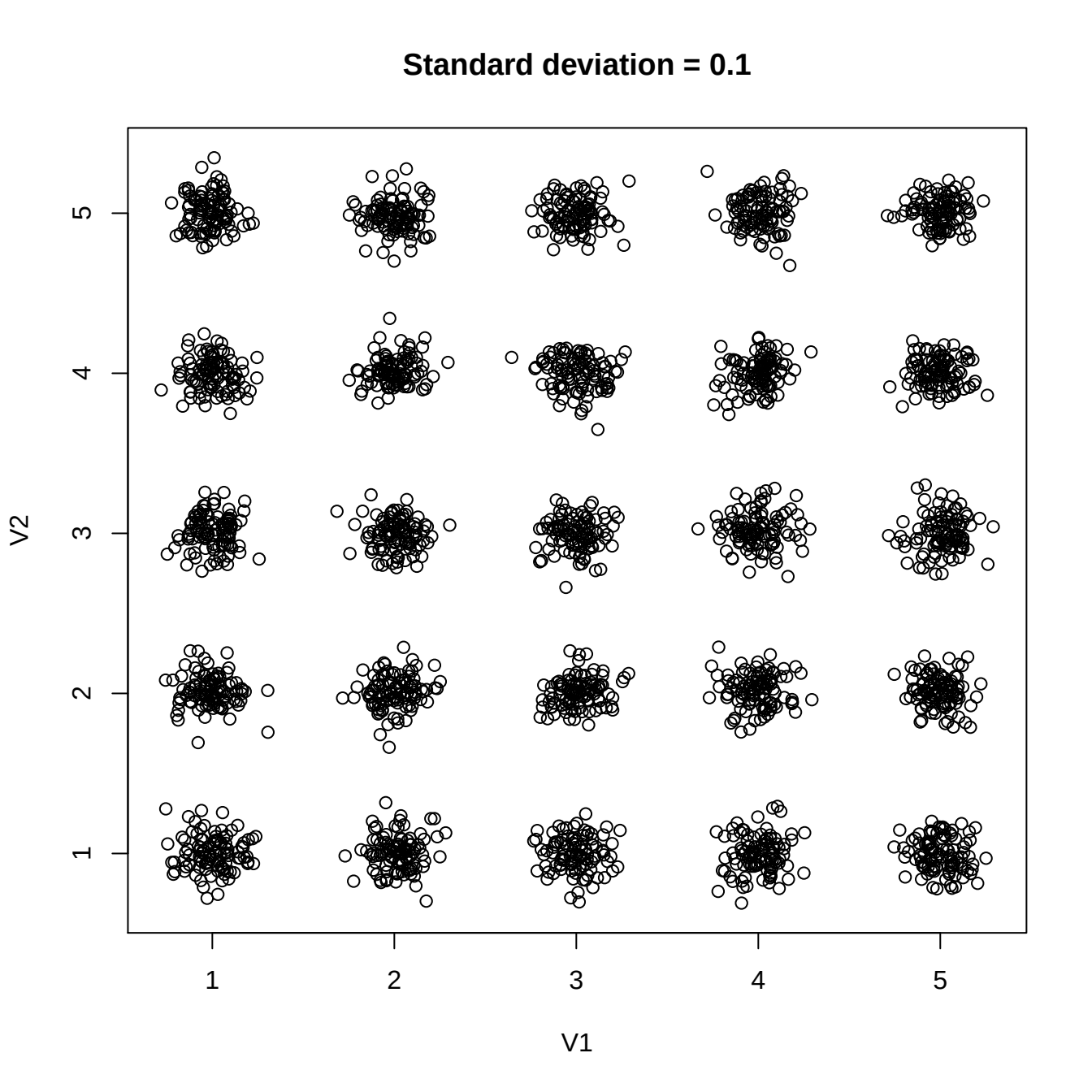
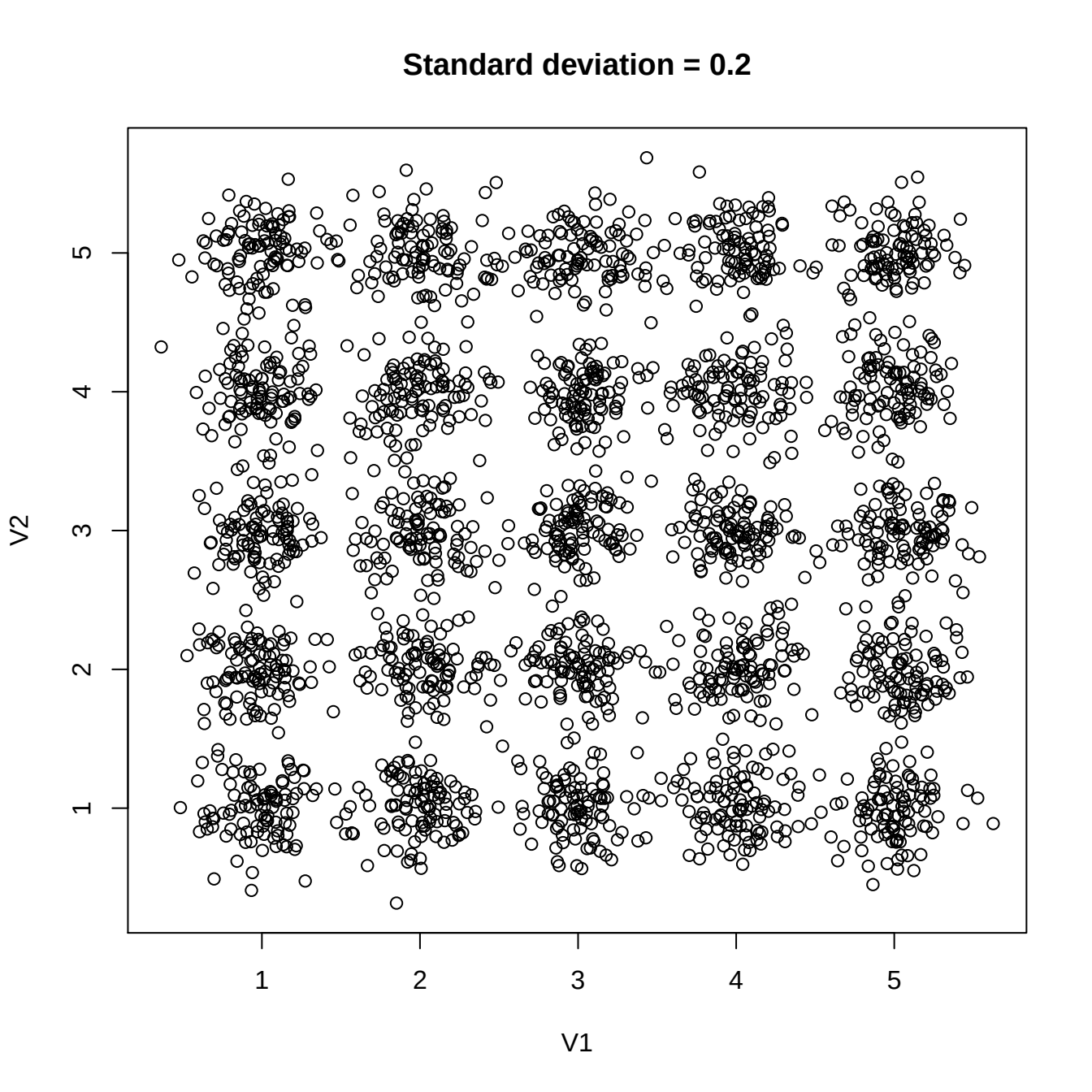
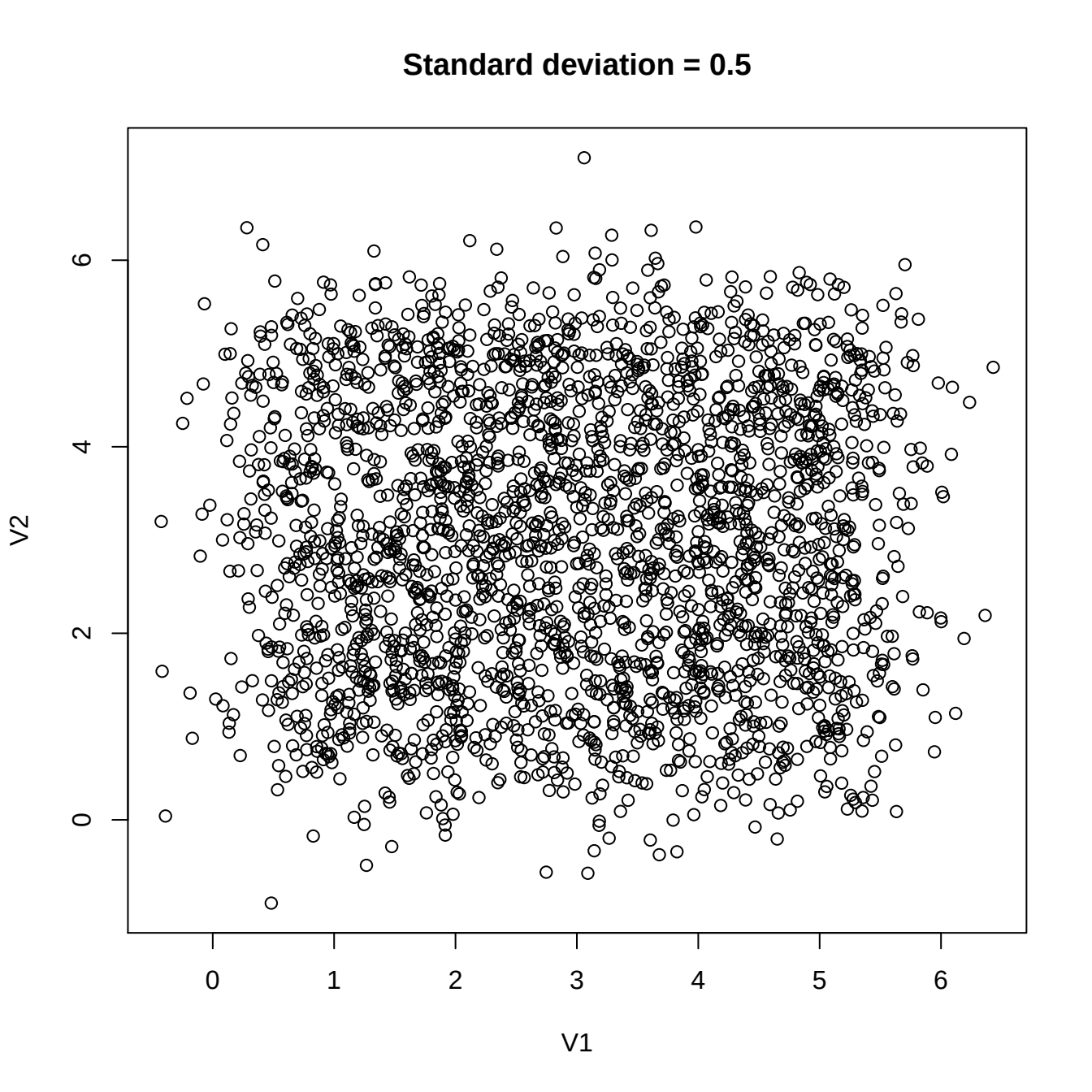
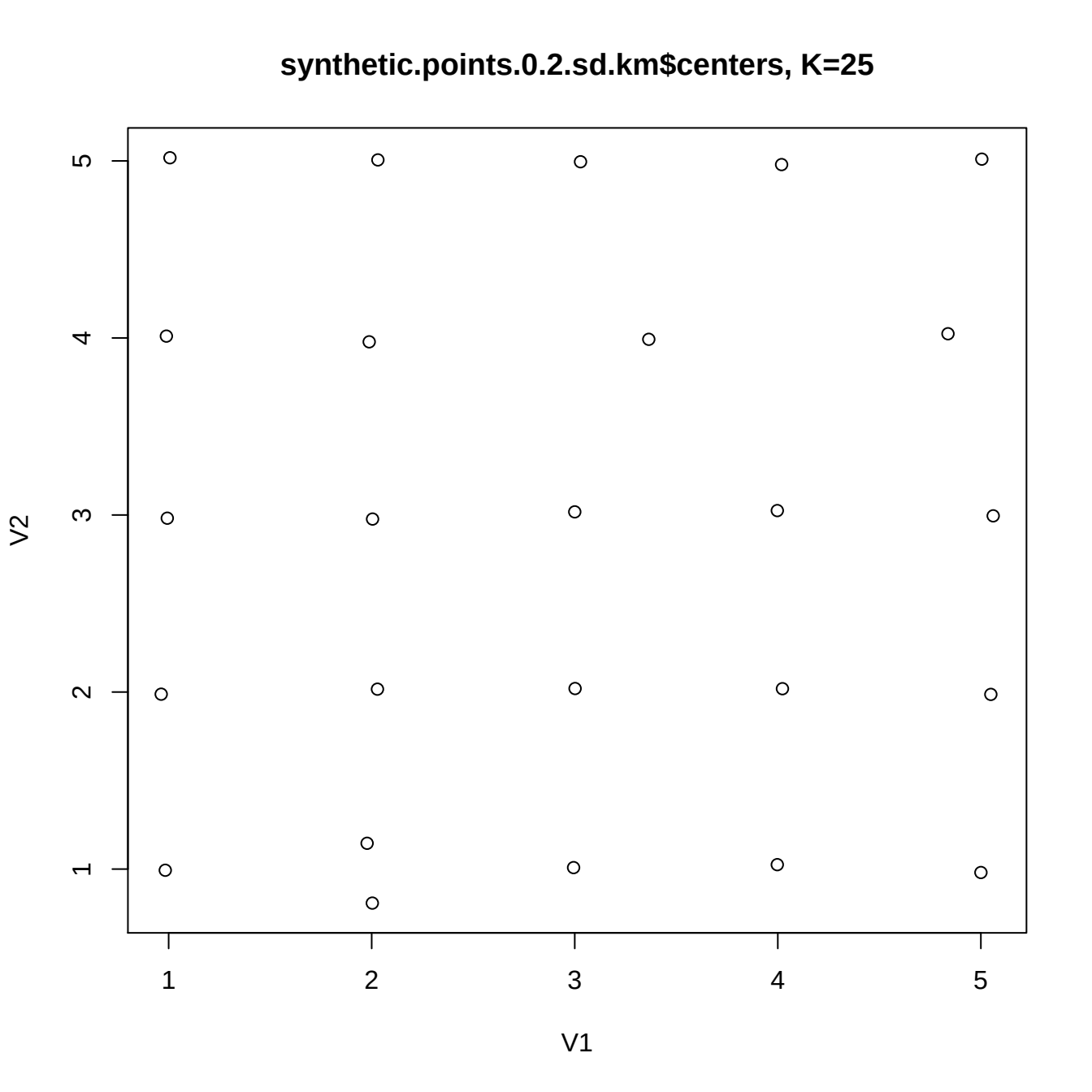
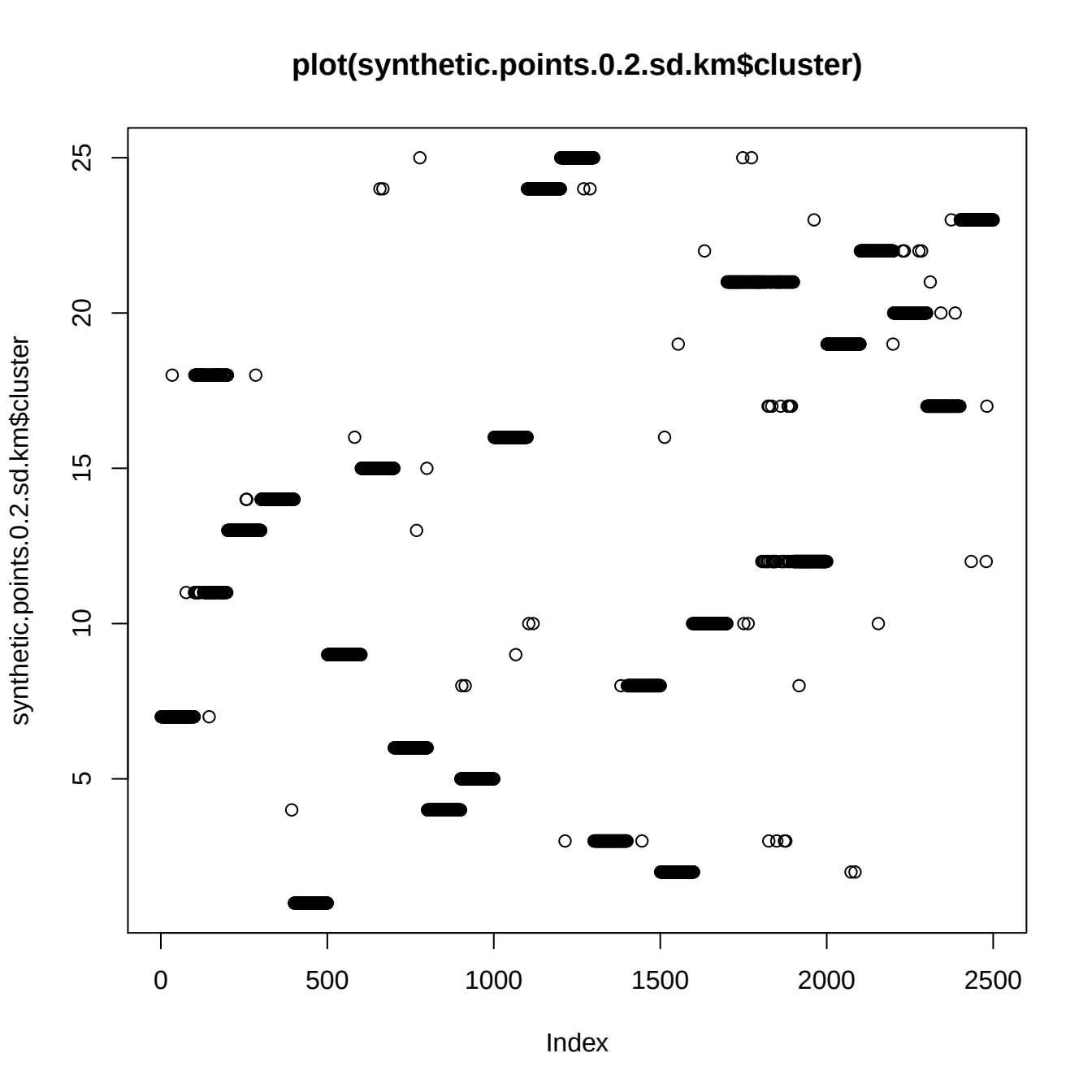

Actual centers
Var2
Var1
1
2
3
4
5

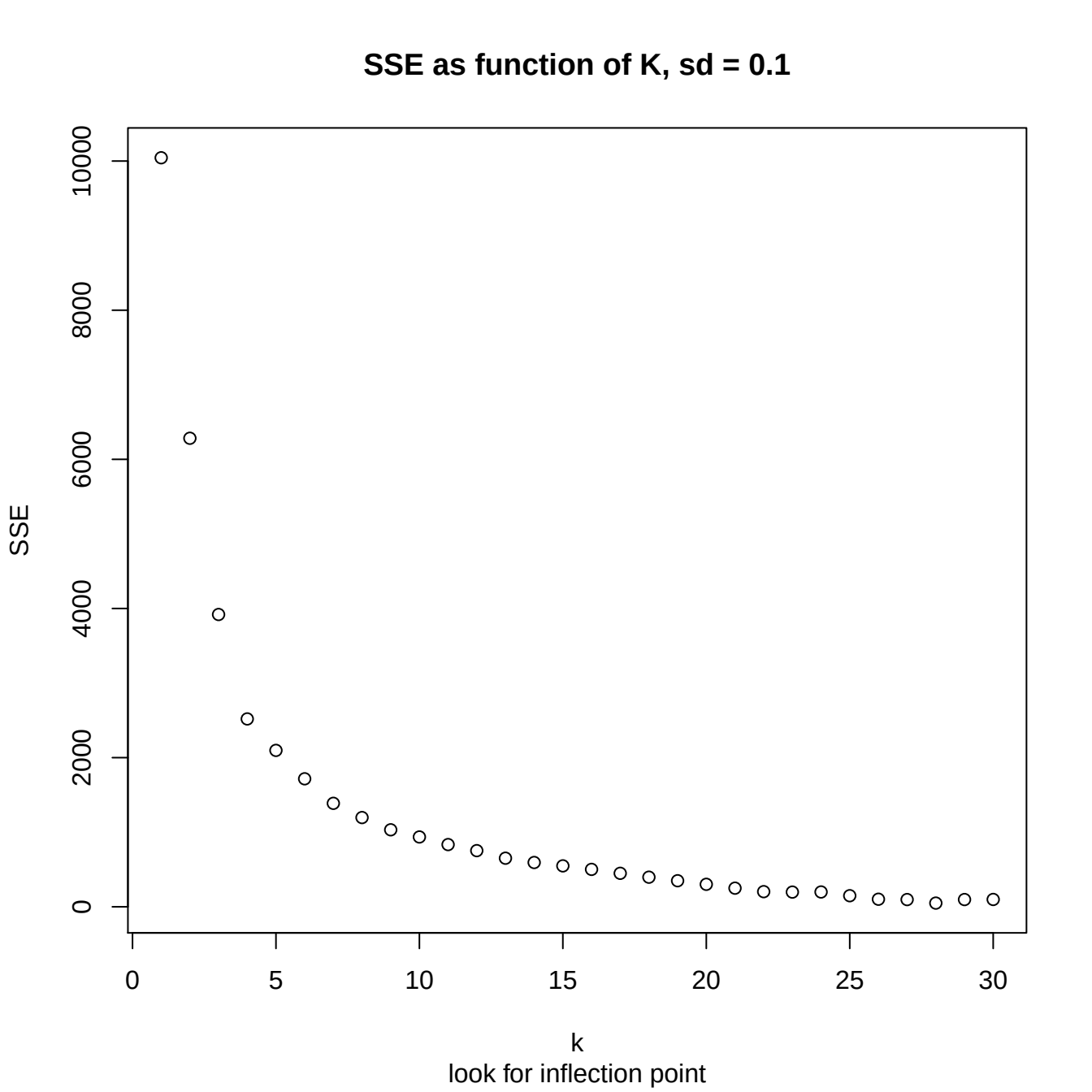

Standard deviation = 0.1
V2
V1
1
2
3
4
5

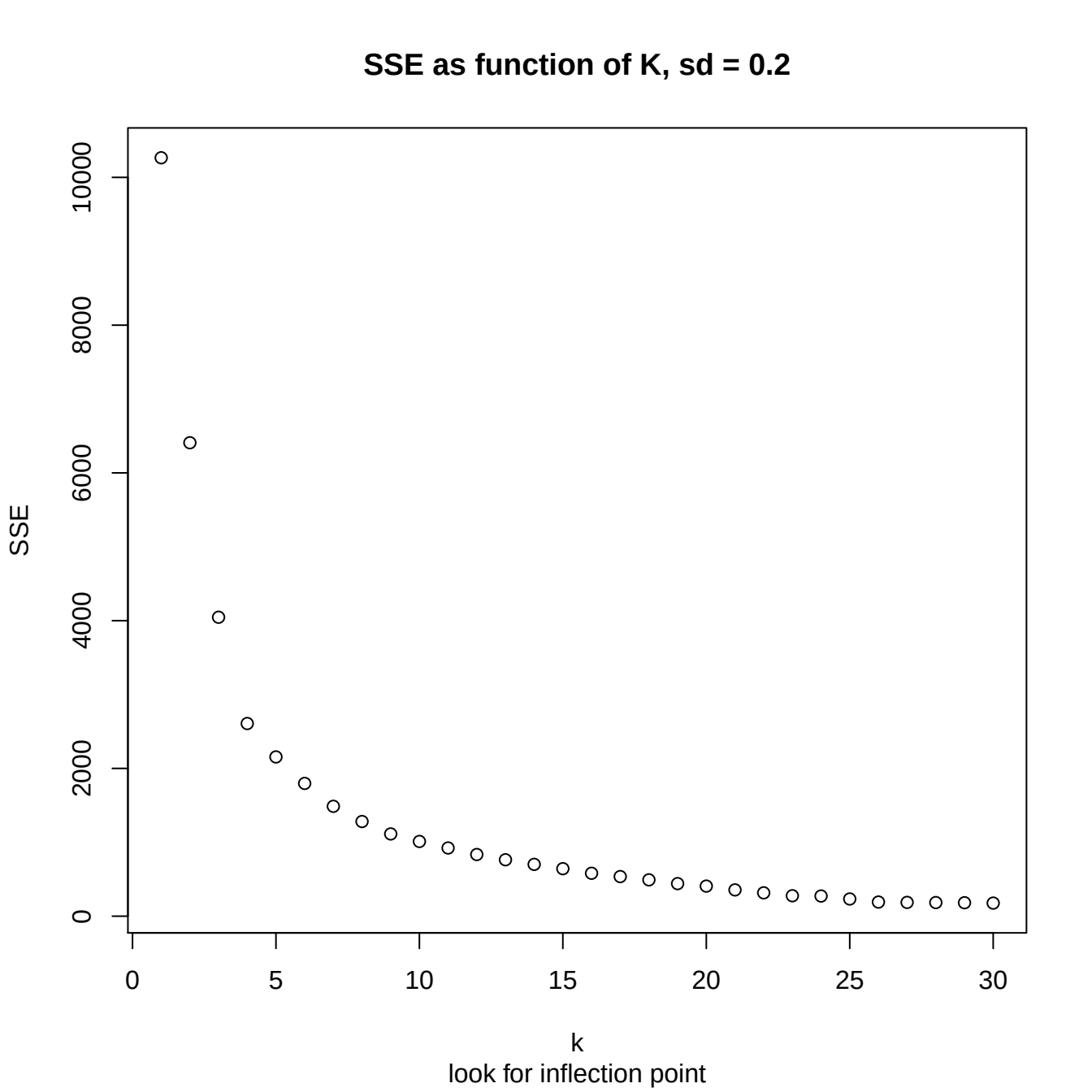

Standard deviation = 0.2
V2
V1
1
2
3
4
5

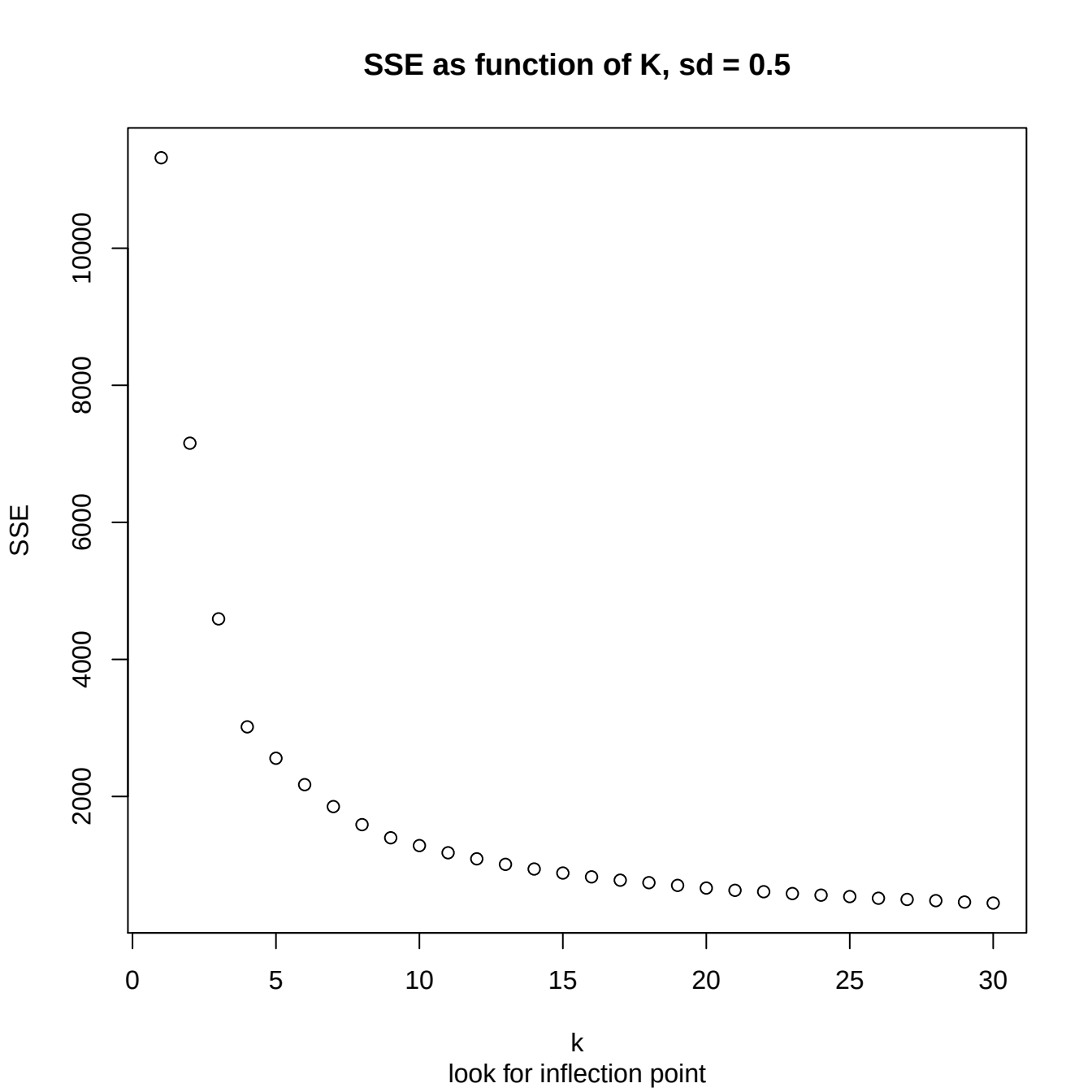

Standard deviation = 0.5
V2
V1
0
2
4
6
0
1
2
3
4
5
6

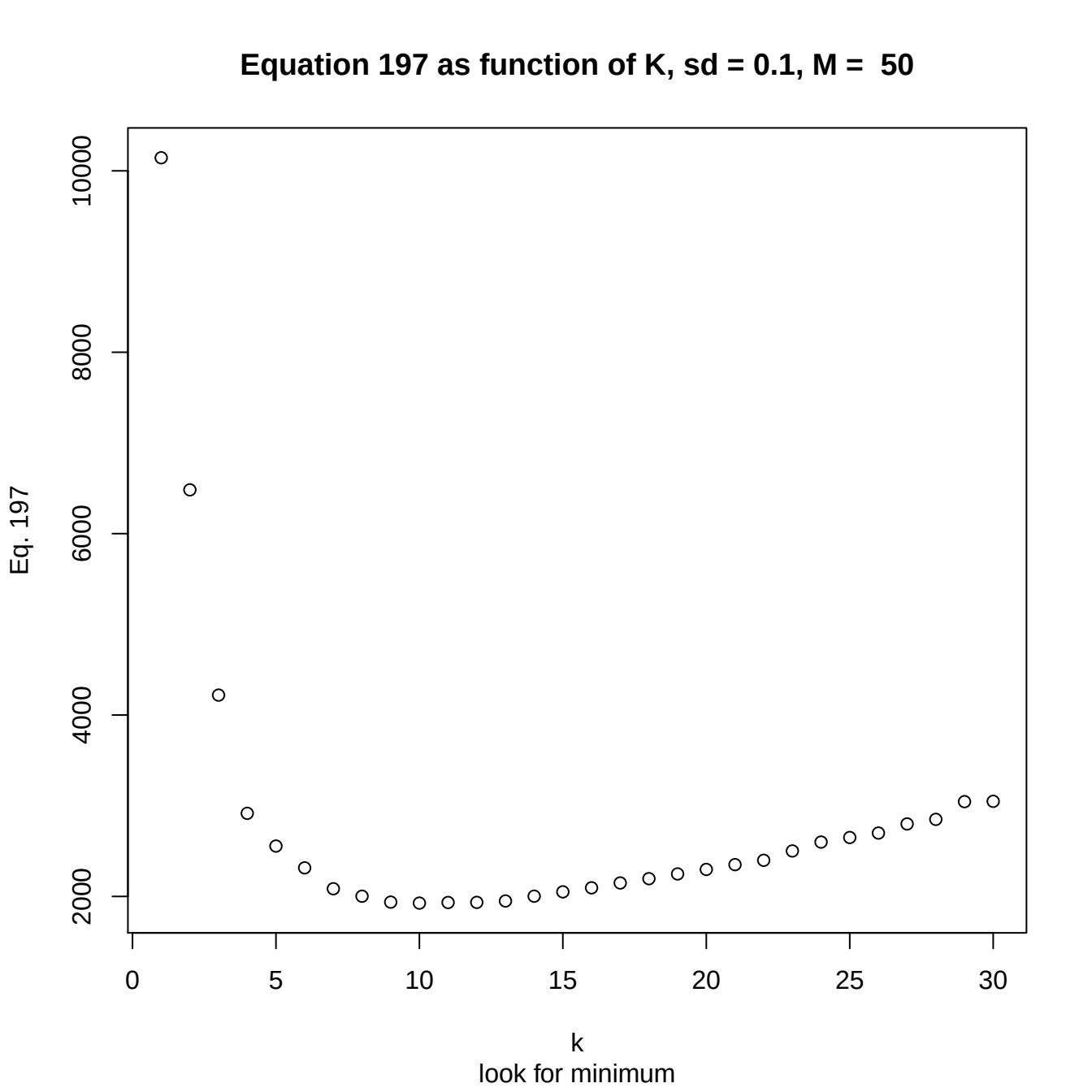

synthetic.points.0.2.sd.km$centers, K=25
V2
V1
1
2
3
4
5

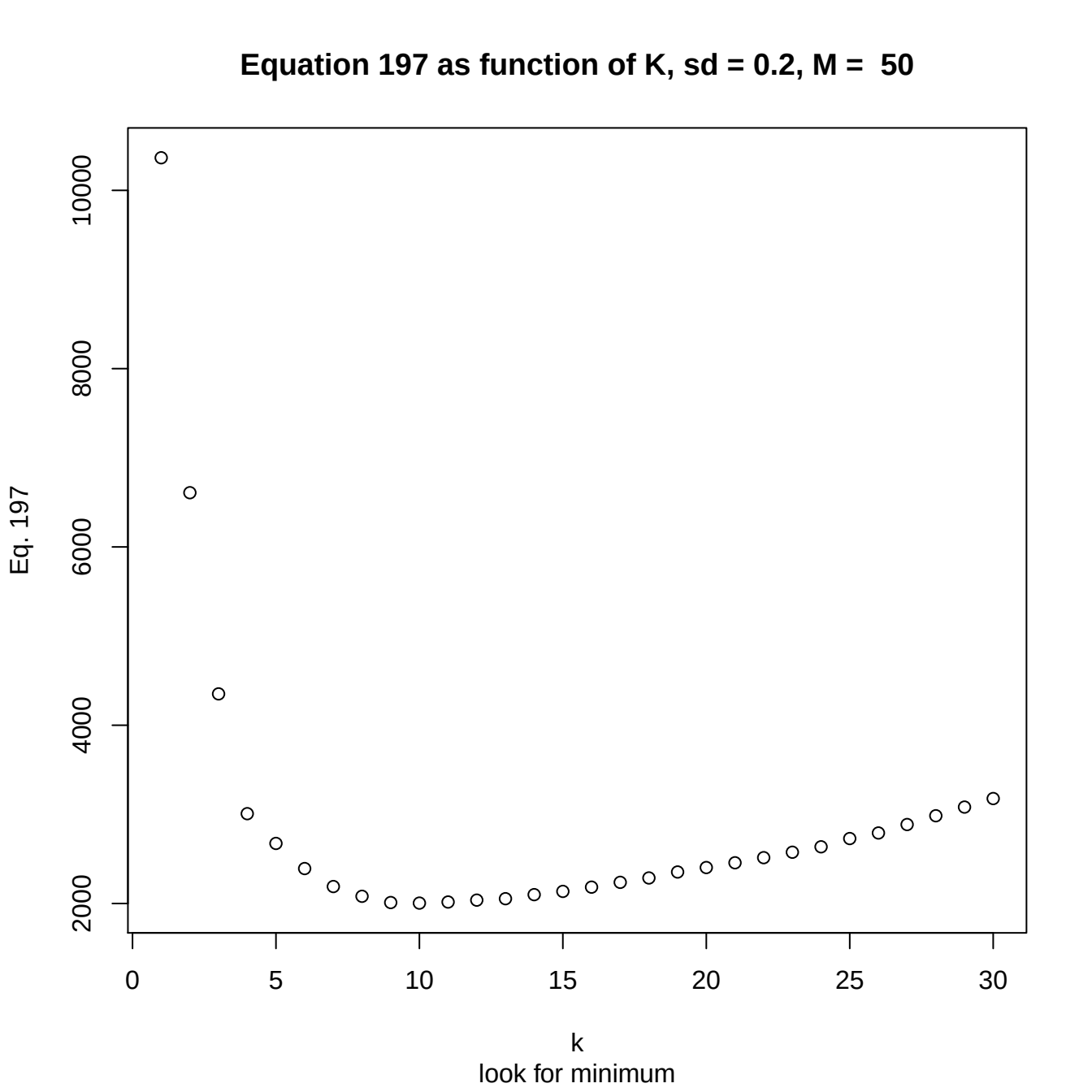

plot(synthetic.points.0.2.sd.km$cluster)
synthetic.points.0.2.sd.km$cluster
Index
5
10
15
20
25
0
500
1000
1500
2000
2500

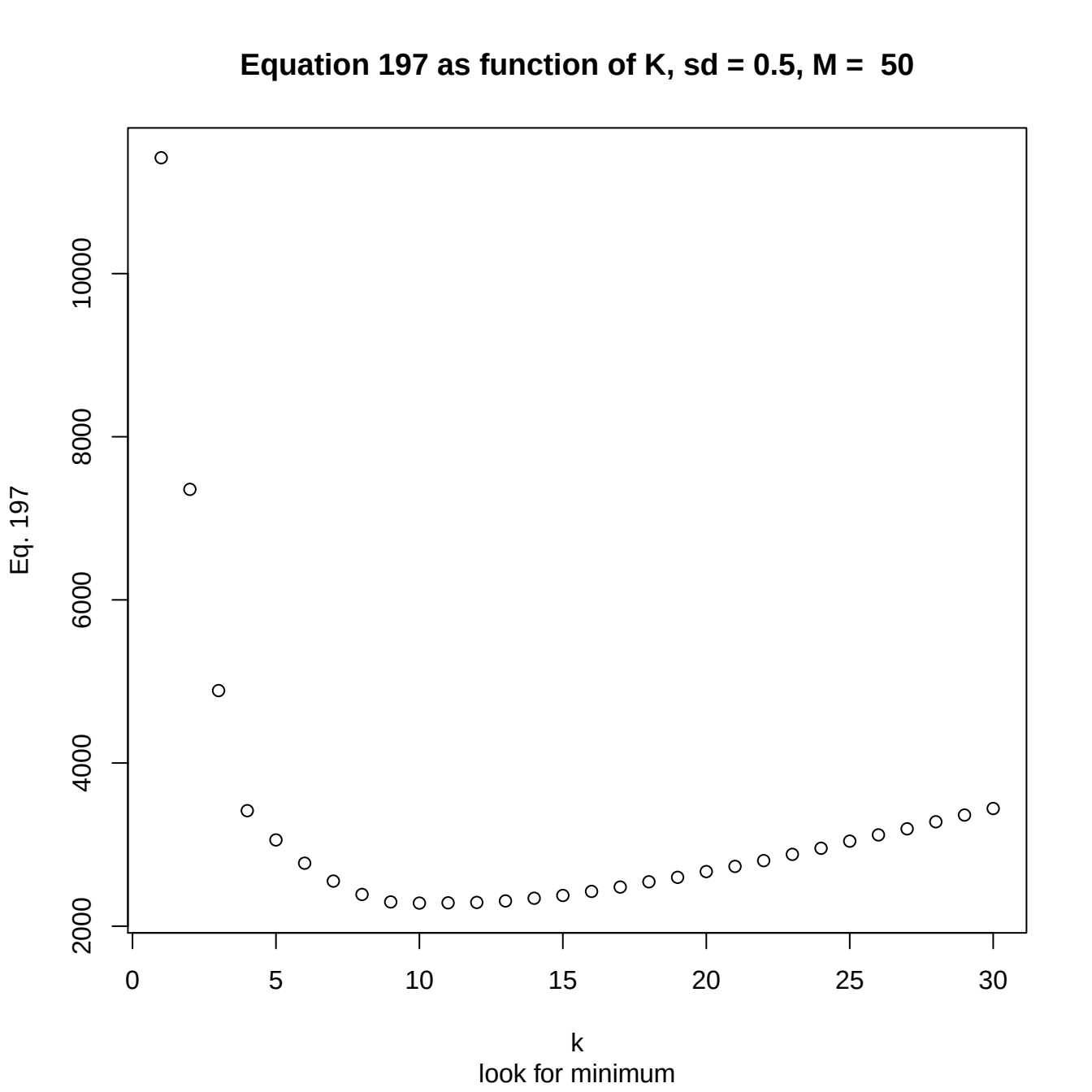

SSE as function of K, sd = 0.1
SSE
0
2000
4000
6000
8000
10000
0
5
10
15
20
25
30
k
look for inflection point


SSE as function of K, sd = 0.2
SSE
0
2000
4000
6000
8000
10000
0
5
10
15
20
25
30
k
look for inflection point


SSE as function of K, sd = 0.5
SSE
2000
4000
6000
8000
10000
0
5
10
15
20
25
30
k
look for inflection point


Equation 197 as function of K, sd = 0.1, M = 50
Eq. 197
10000
8000
6000
4000
2000
0
5
10
15
20
25
30
k
look for minimum


Equation 197 as function of K, sd = 0.2, M = 50
Eq. 197
2000
4000
6000
8000
10000
0
5
10
15
20
25
30
k
look for minimum


Equation 197 as function of K, sd = 0.5, M = 50
Eq. 197
2000
4000
6000
8000
10000
0
5
10
15
20
25
30
k
look for minimum