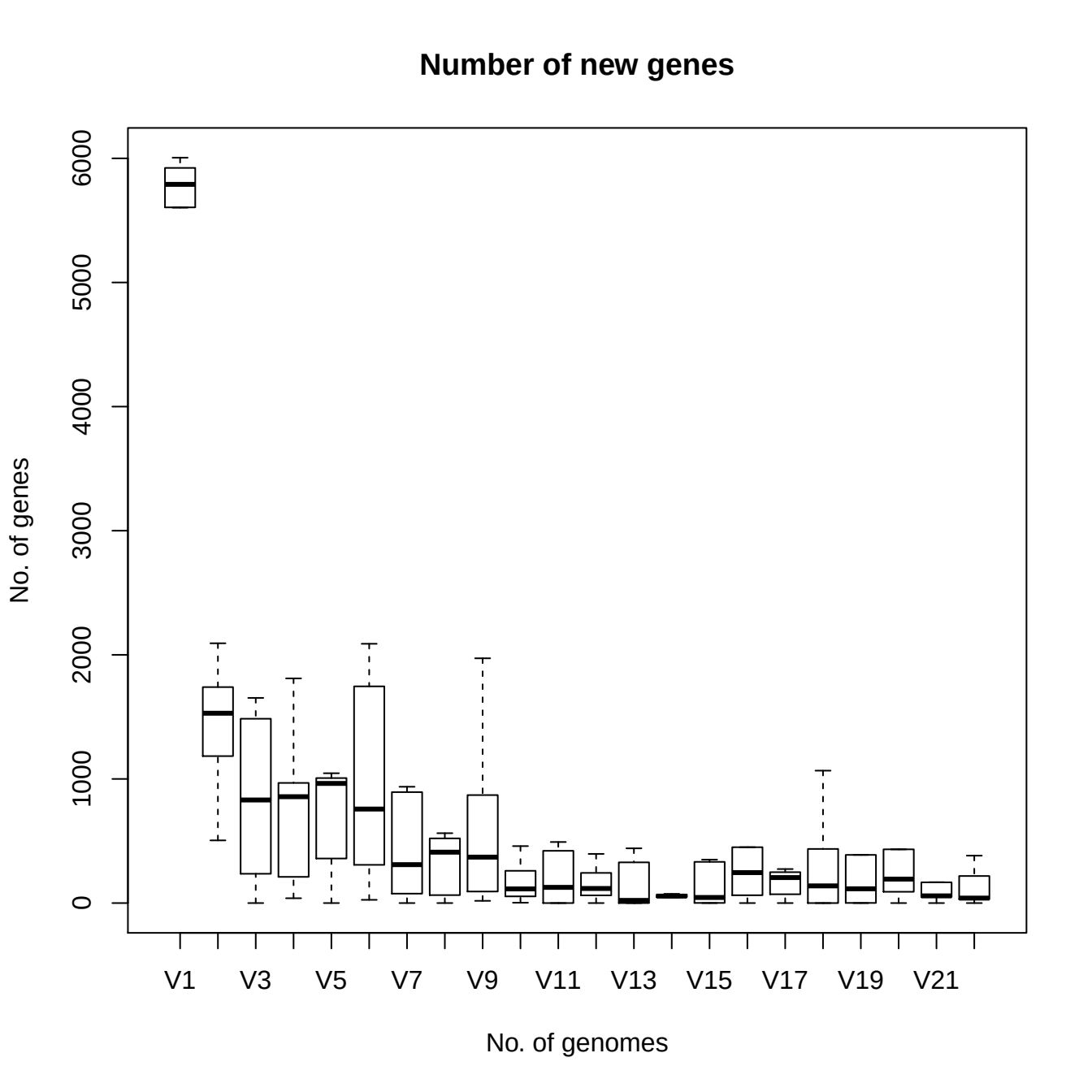
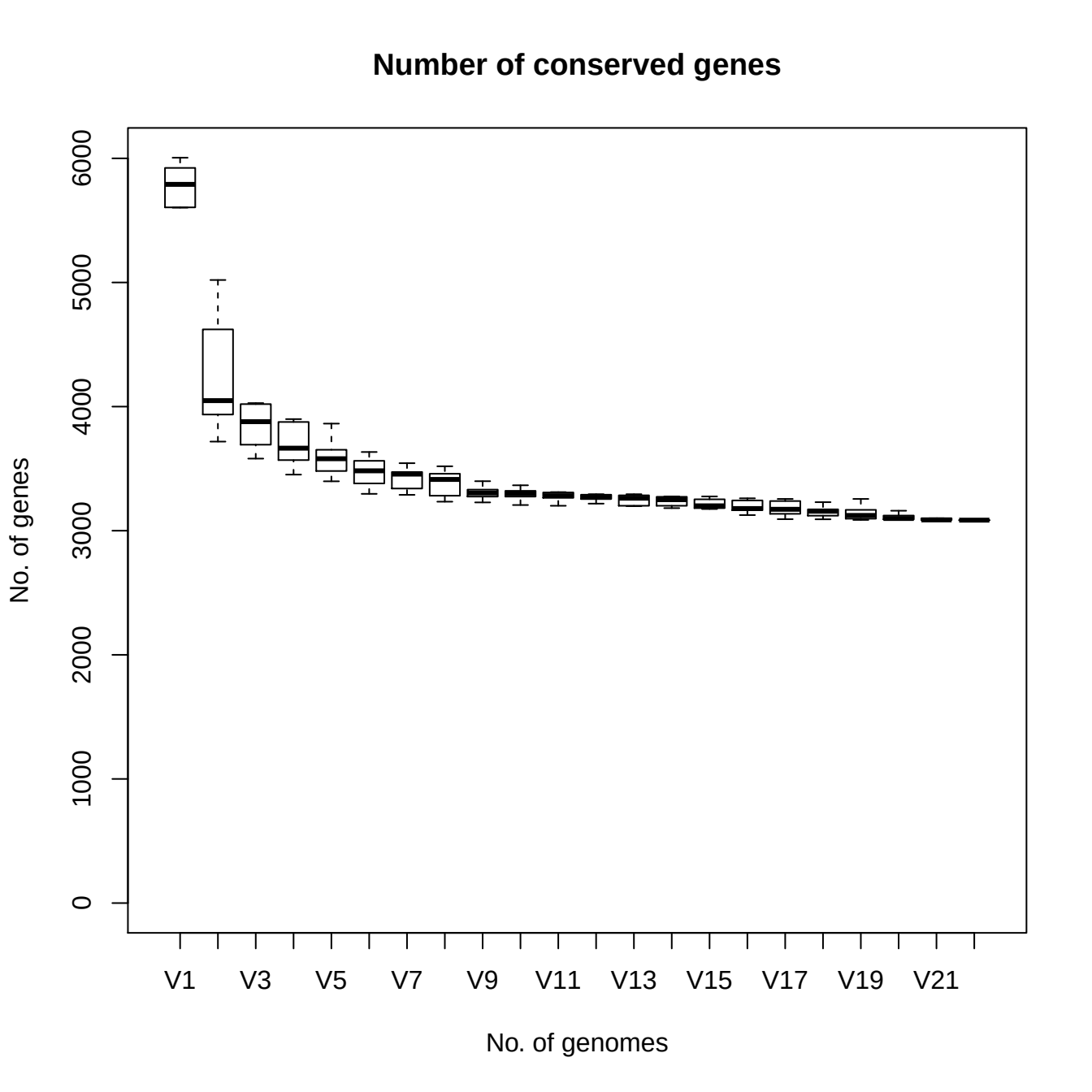
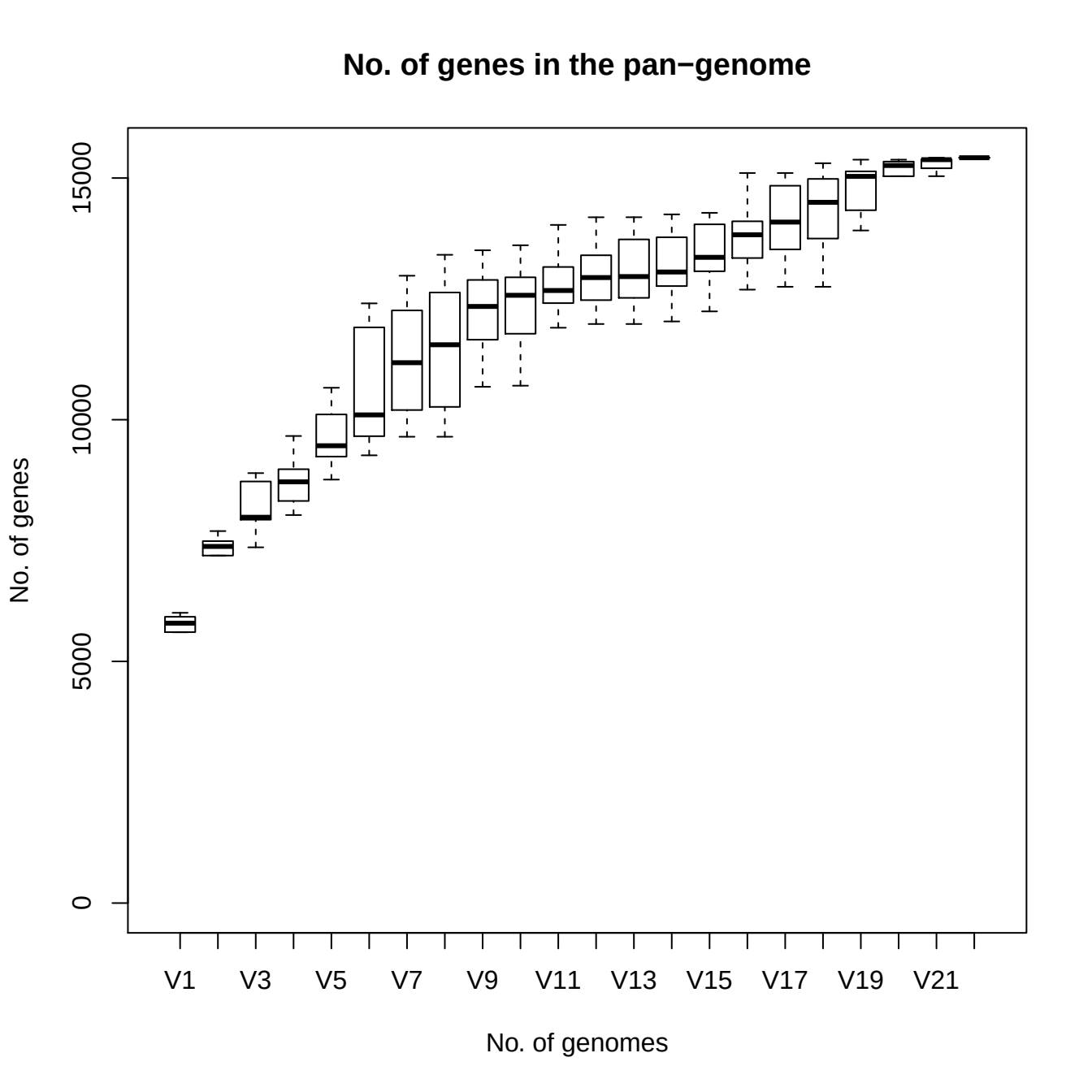
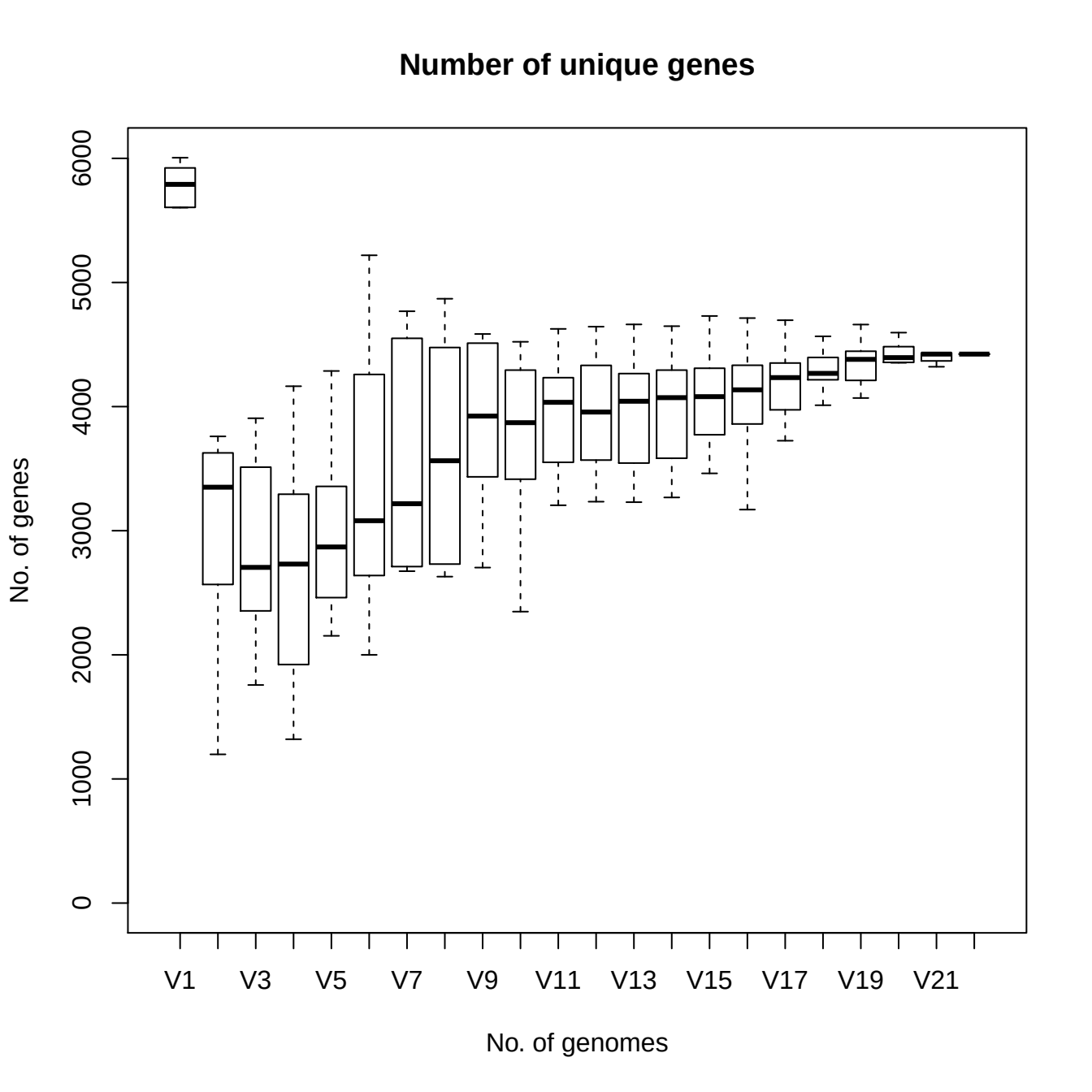
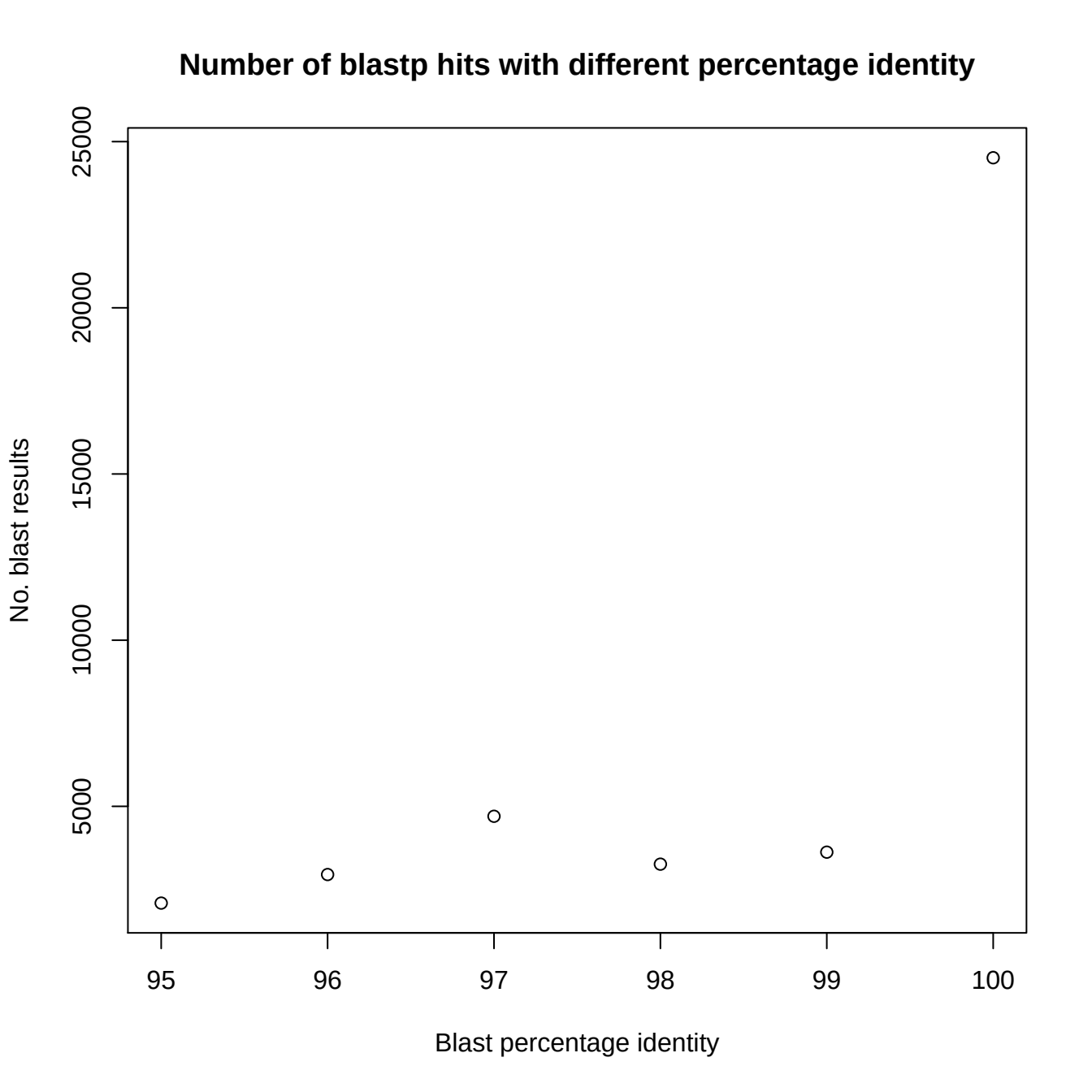
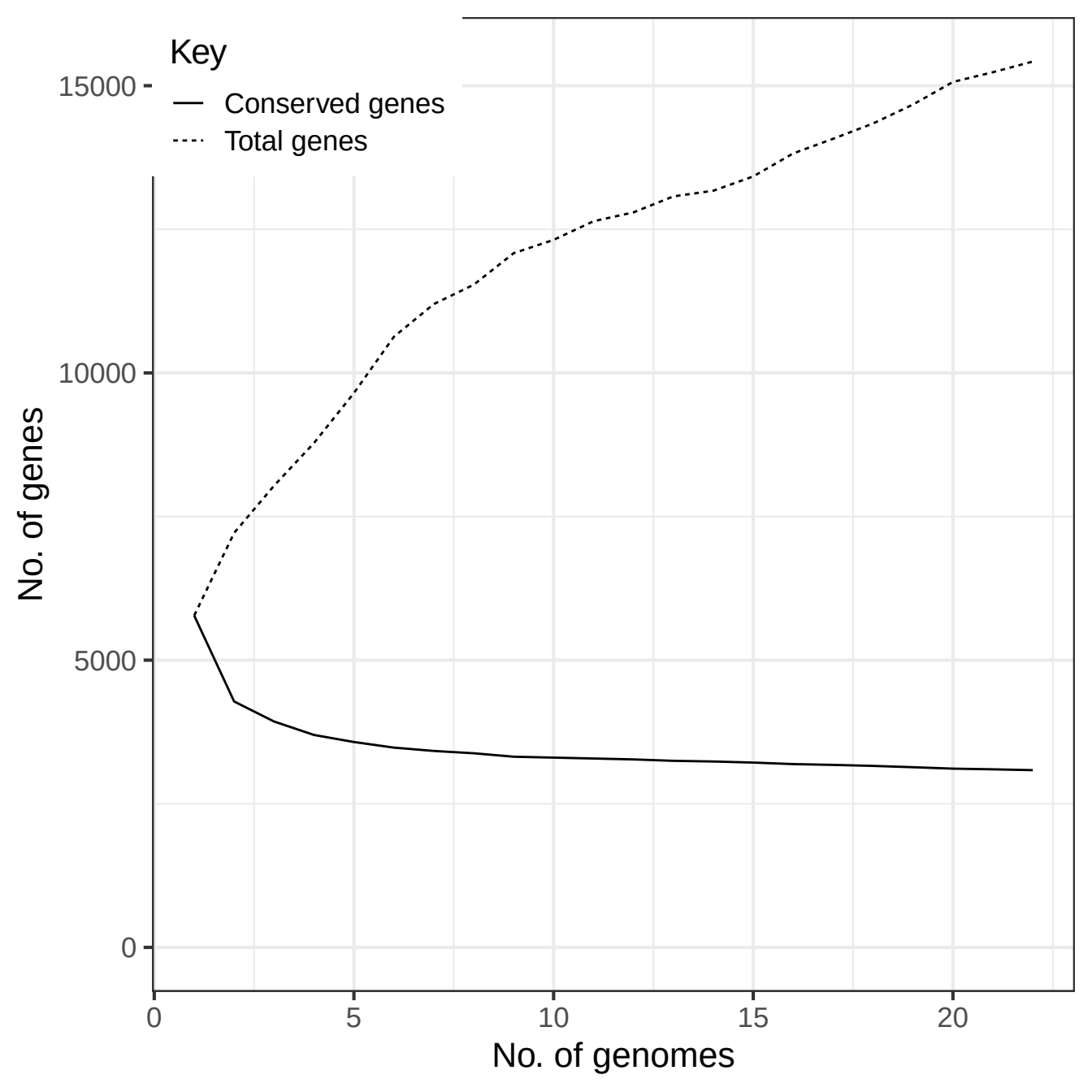

Number of new genes
No. of genes
0
1000
2000
3000
4000
5000
6000
V1
V3
V5
V7
V9
V11
V13
V15
V17
V19
V21
No. of genomes

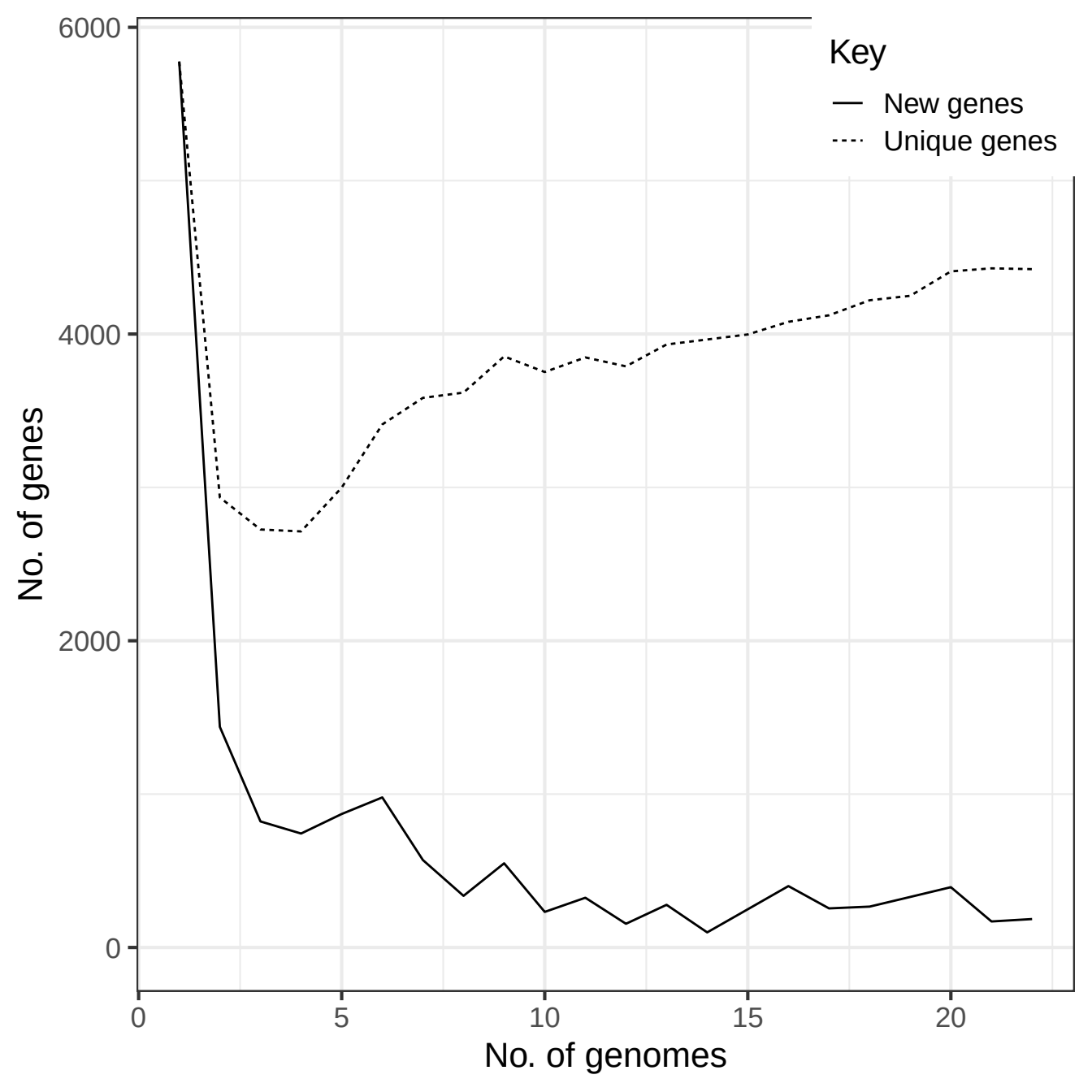

Number of conserved genes
No. of genes
0
1000
2000
3000
4000
5000
6000
V1
V3
V5
V7
V9
V11
V13
V15
V17
V19
V21
No. of genomes


No. of genes in the pan−genome
No. of genes
0
5000
10000
15000
V1
V3
V5
V7
V9
V11
V13
V15
V17
V19
V21
No. of genomes


Number of unique genes
No. of genes
0
1000
2000
3000
4000
5000
6000
V1
V3
V5
V7
V9
V11
V13
V15
V17
V19
V21
No. of genomes


Number of blastp hits with different percentage identity
No. blast results
5000
10000
15000
20000
25000
95
96
97
98
99
100
Blast percentage identity


Key
Conserved genes
Total genes
15000
10000
5000
0
No. of genes
0
5
10
15
20
No. of genomes


Key
New genes
Unique genes
6000
4000
2000
0
No. of genes
0
5
10
15
20
No. of genomes