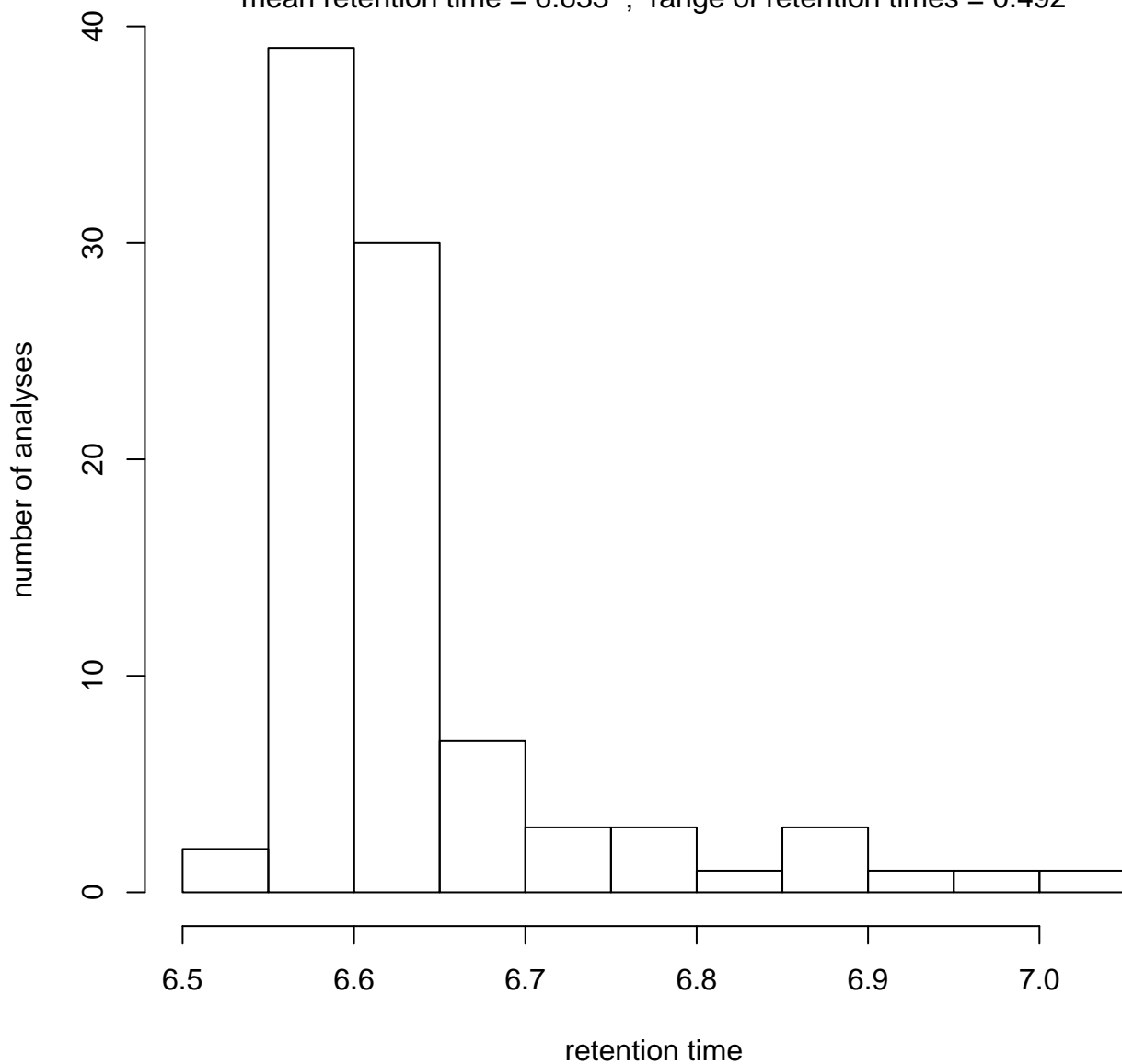


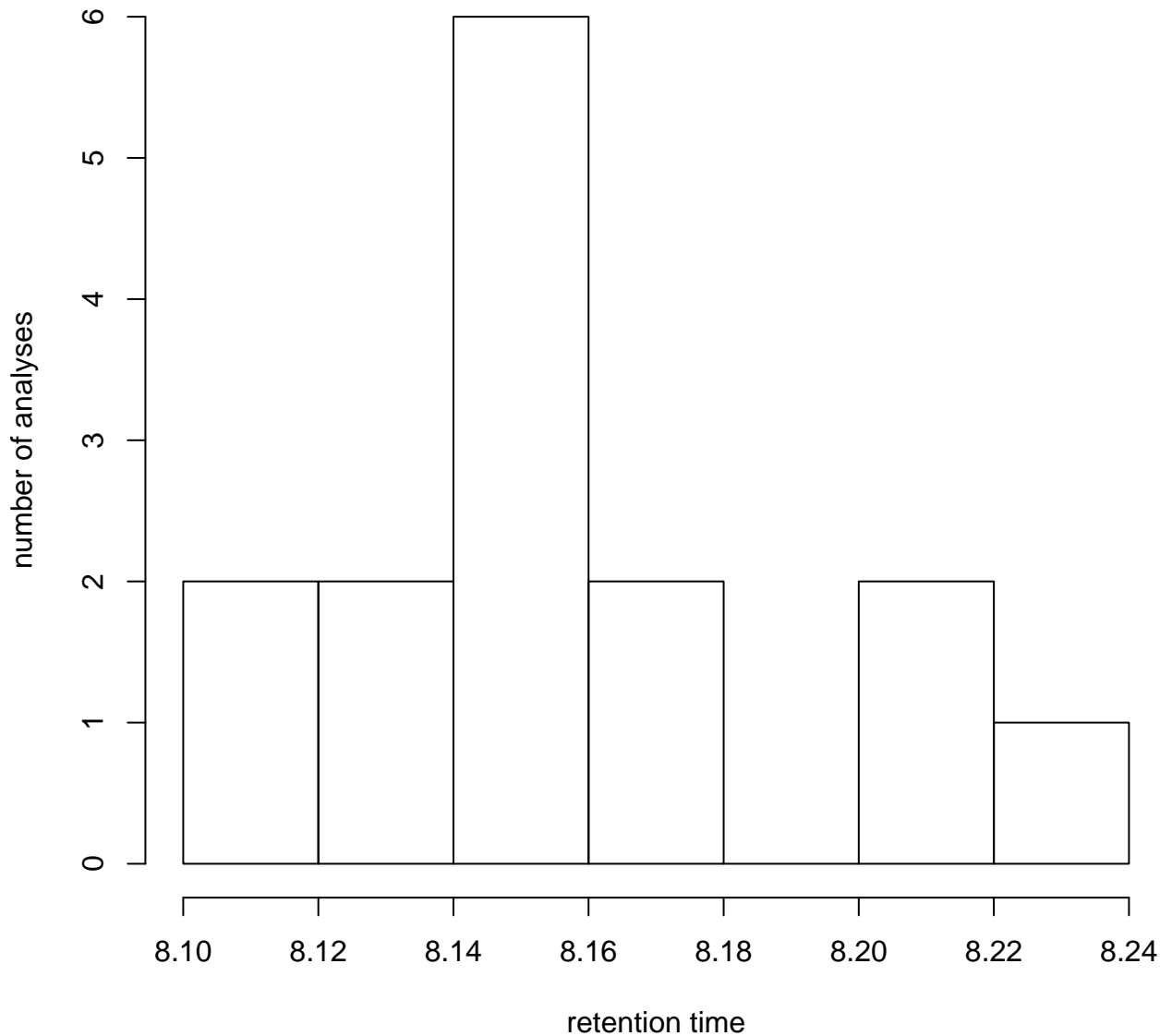
## Distribution of retention time for the cluster 1

mean retention time = 6.633 ; range of retention times = 0.492



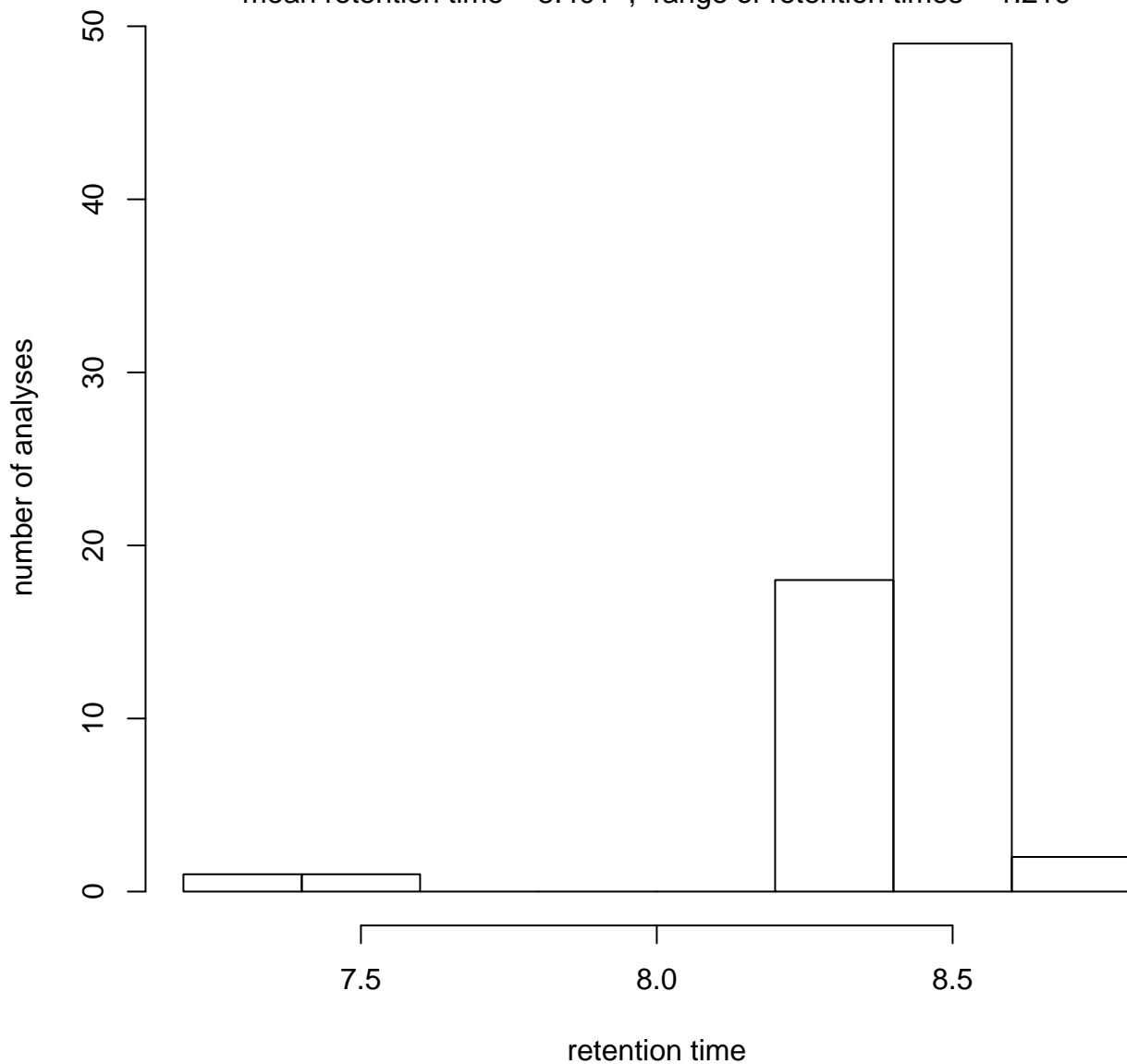
## Distribution of retention time for the cluster 2

mean retention time = 8.16 ; range of retention times = 0.137



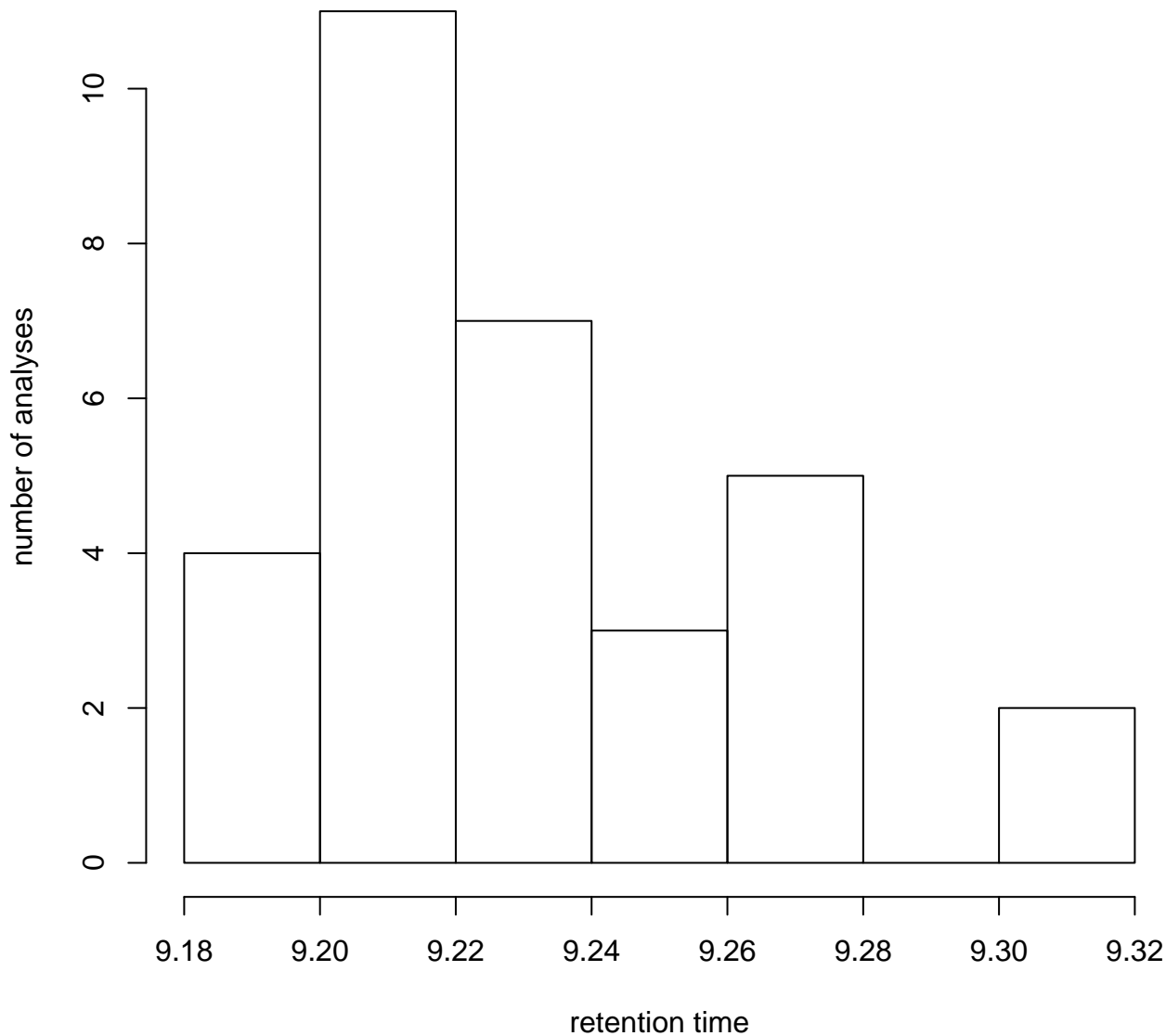
### Distribution of retention time for the cluster 3

mean retention time = 8.401 ; range of retention times = 1.219



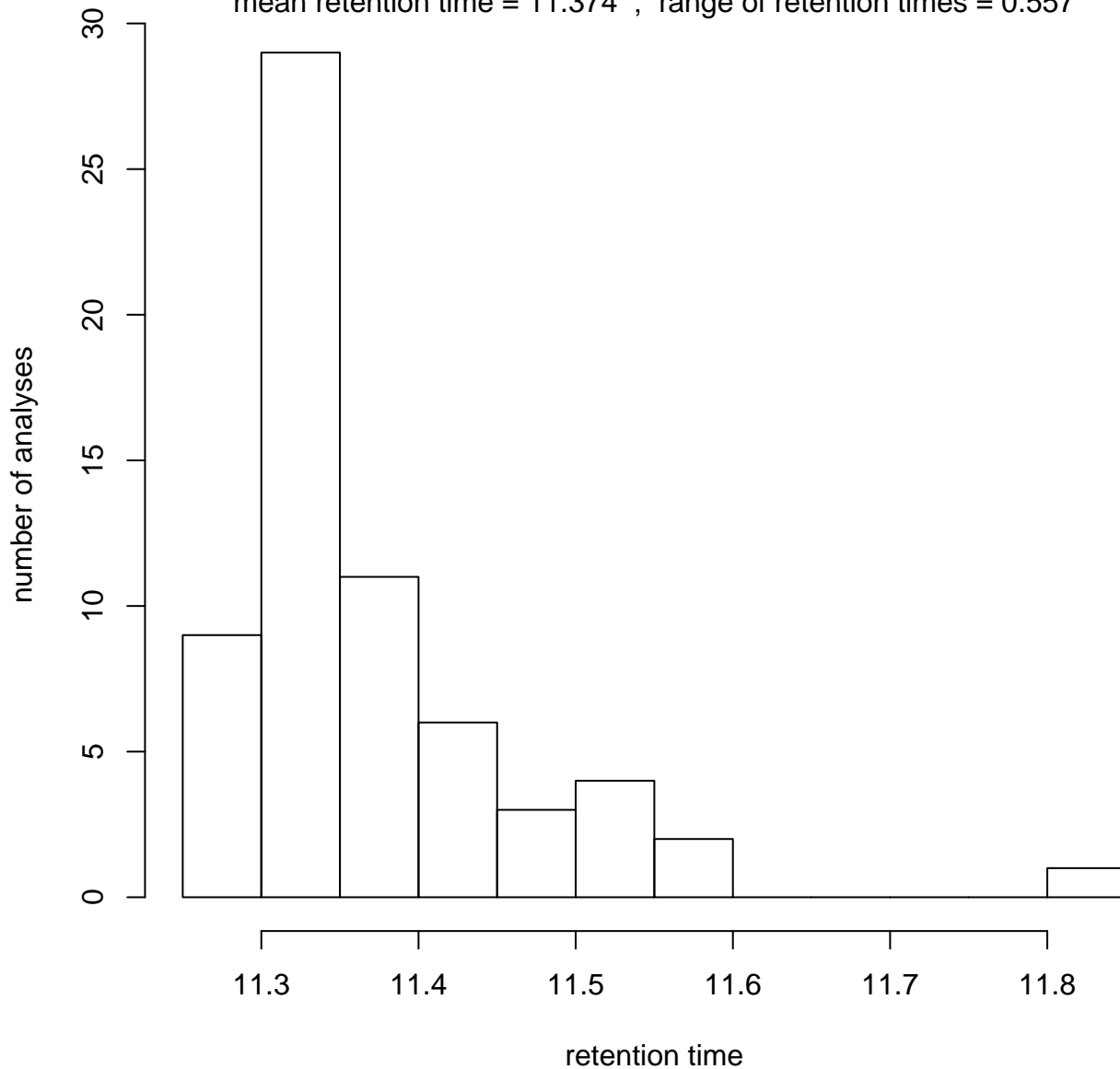
## Distribution of retention time for the cluster 5

mean retention time = 9.232 ; range of retention times = 0.123



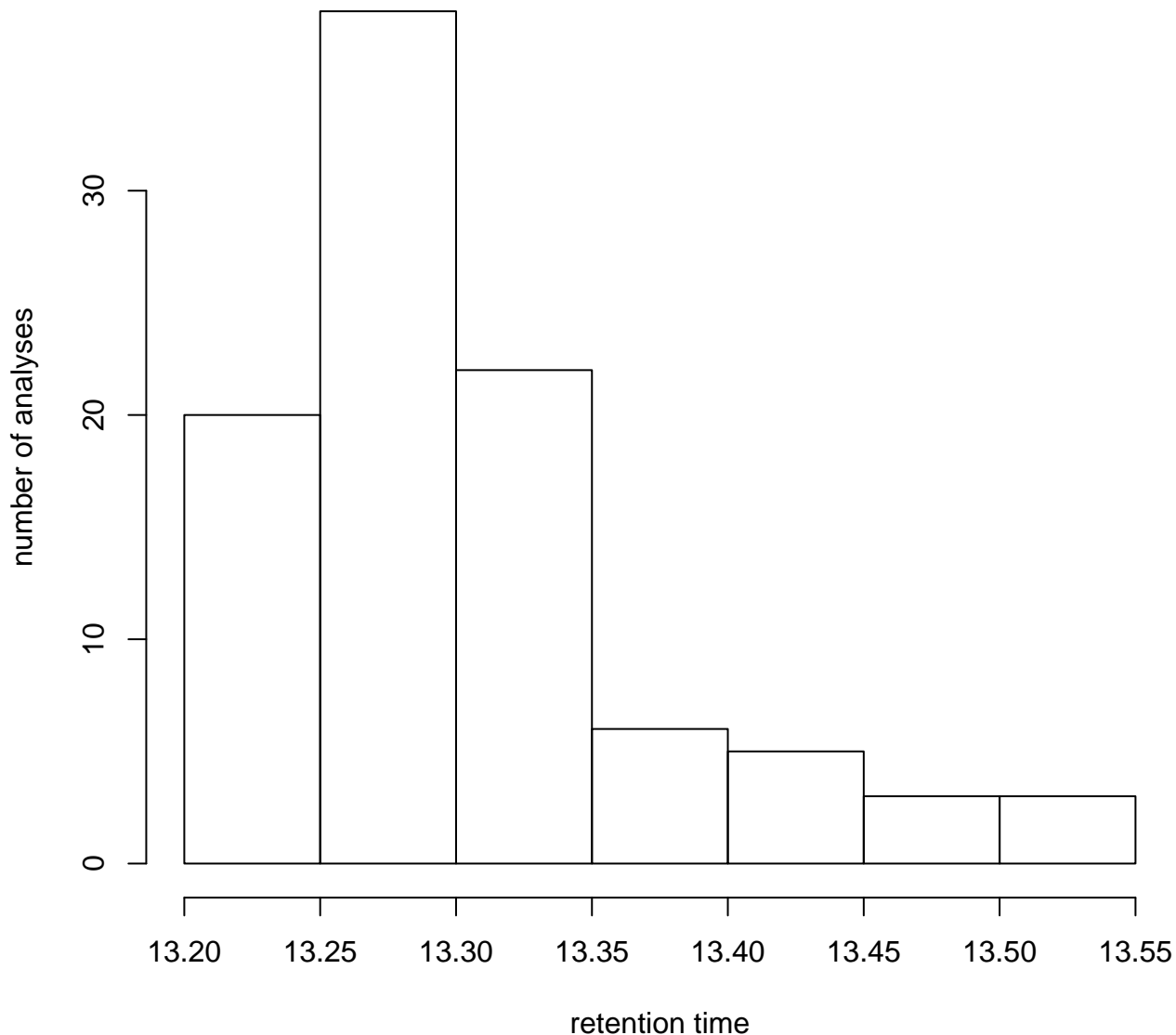
## Distribution of retention time for the cluster 9

mean retention time = 11.374 ; range of retention times = 0.557



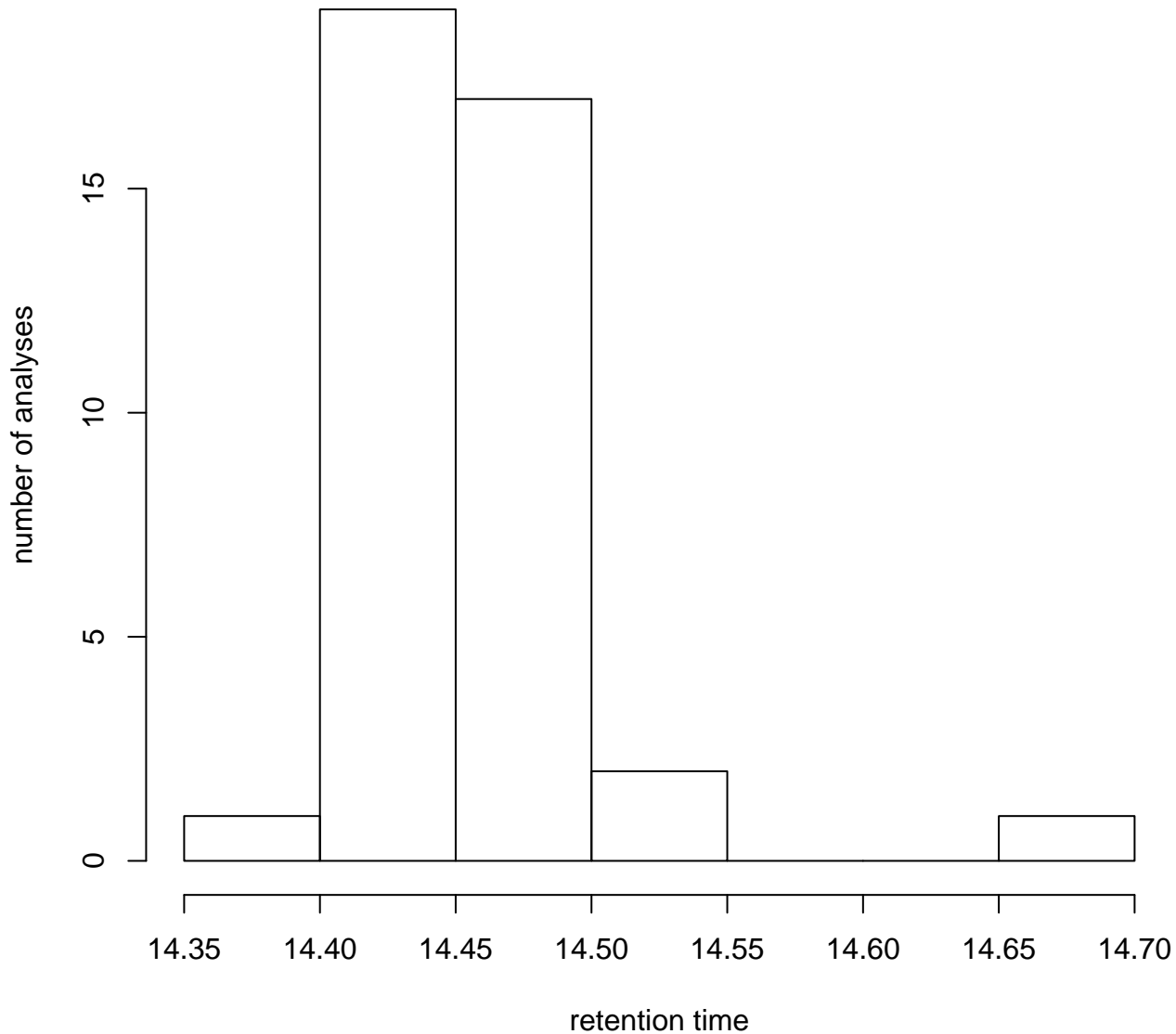
## Distribution of retention time for the cluster 10

mean retention time = 13.309 ; range of retention times = 0.326



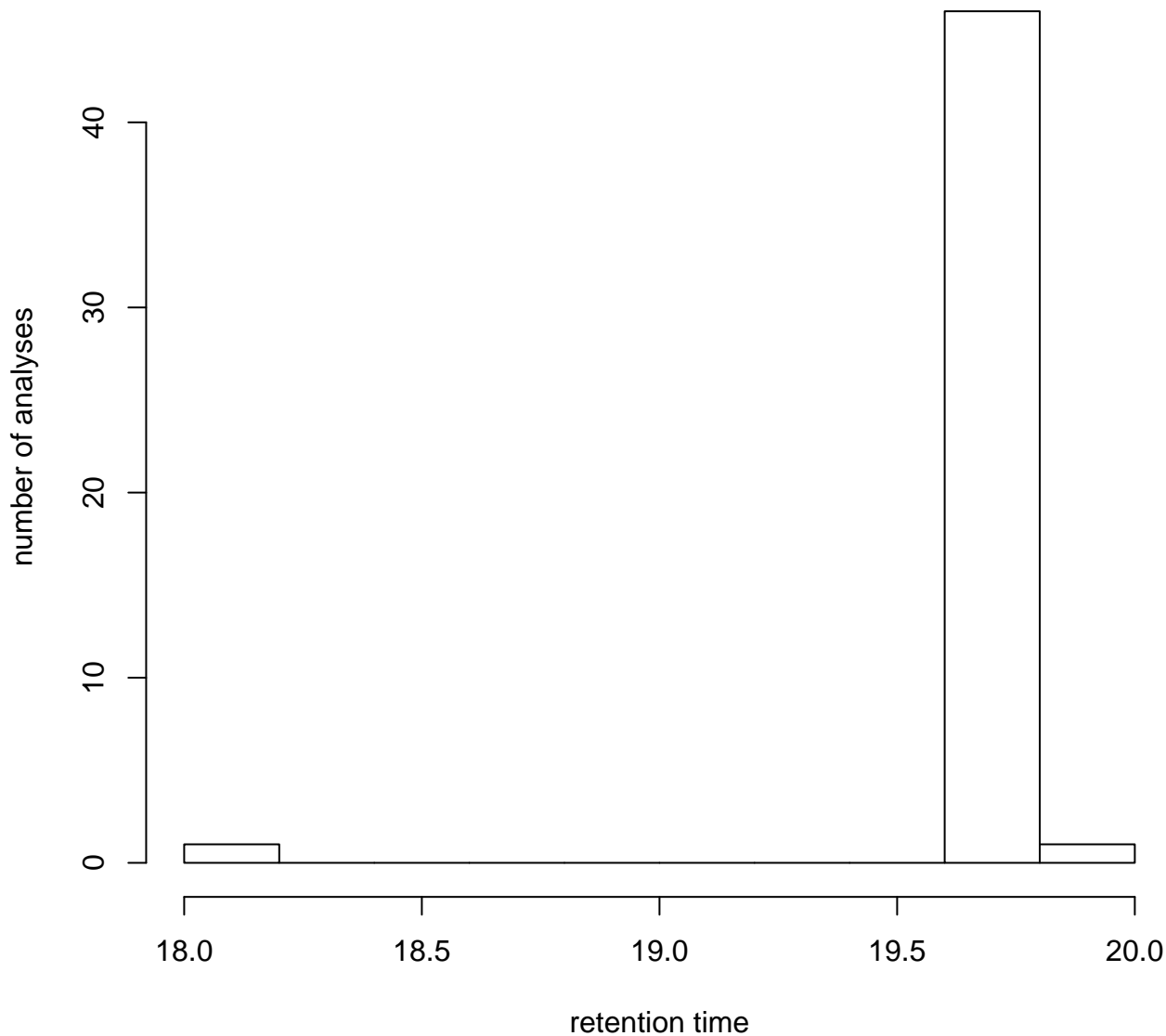
## Distribution of retention time for the cluster 11

mean retention time = 14.452 ; range of retention times = 0.266



## Distribution of retention time for the cluster 12

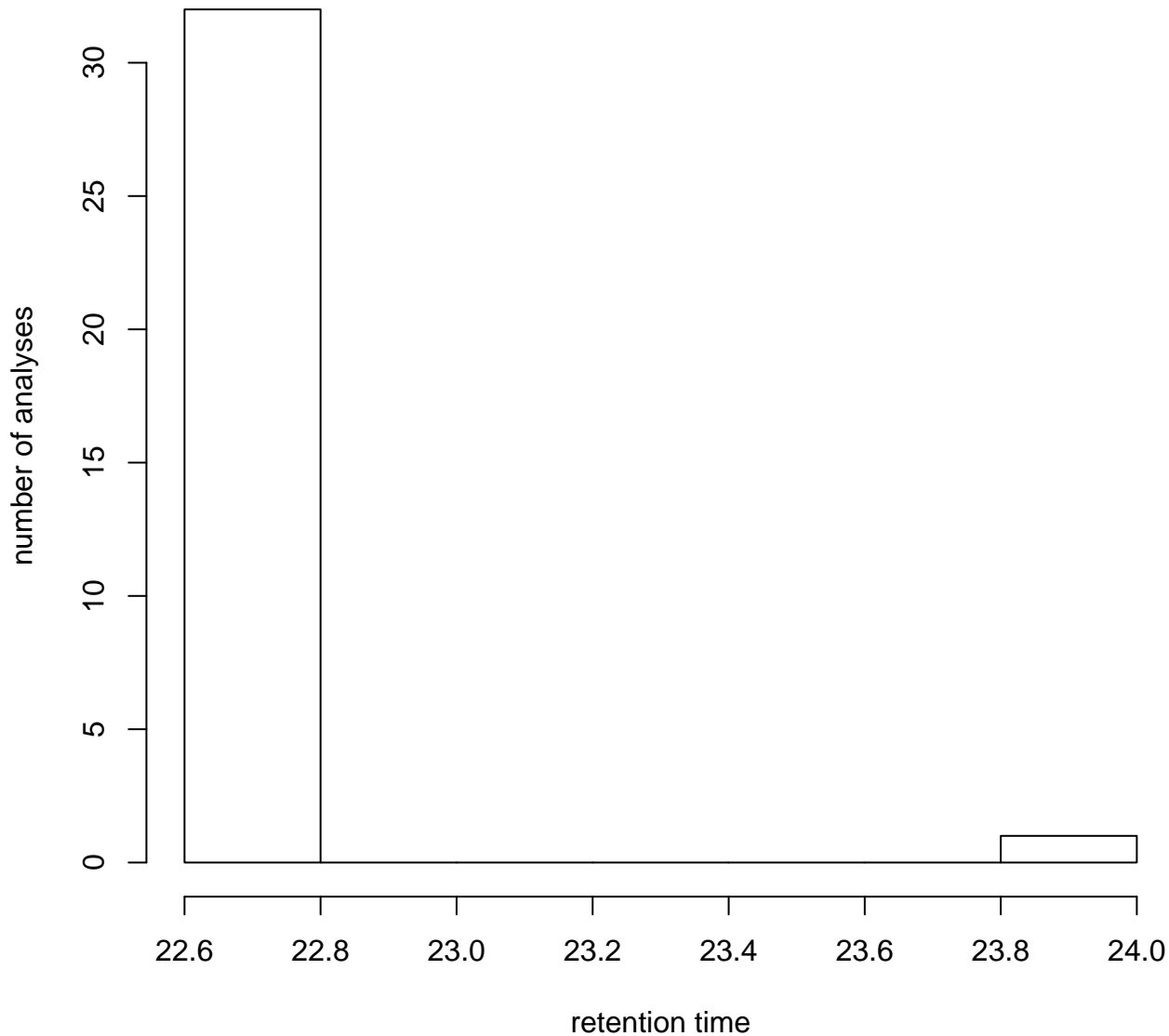
mean retention time = 19.713 ; range of retention times = 1.688





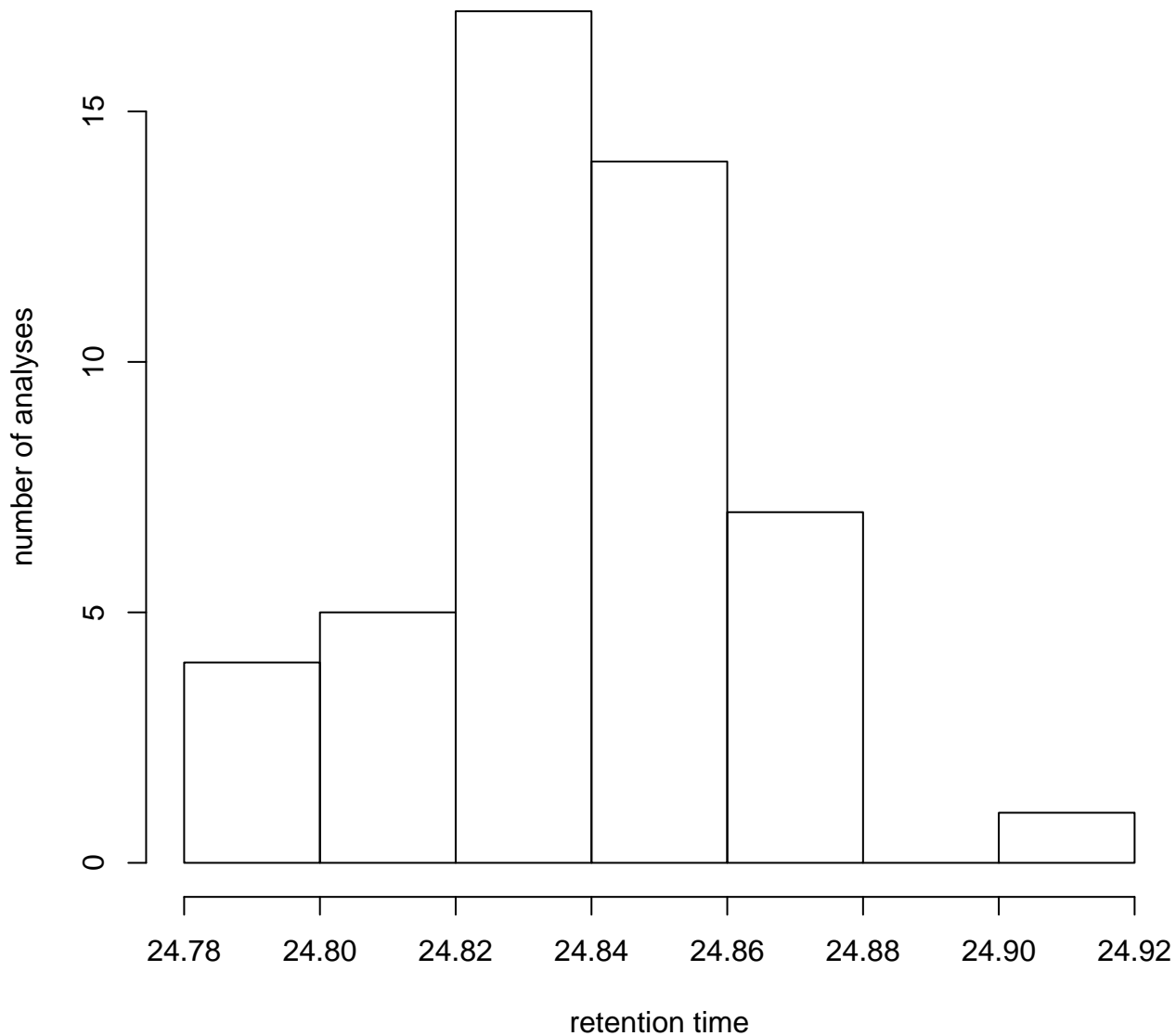
## Distribution of retention time for the cluster 15

mean retention time = 22.705 ; range of retention times = 1.351



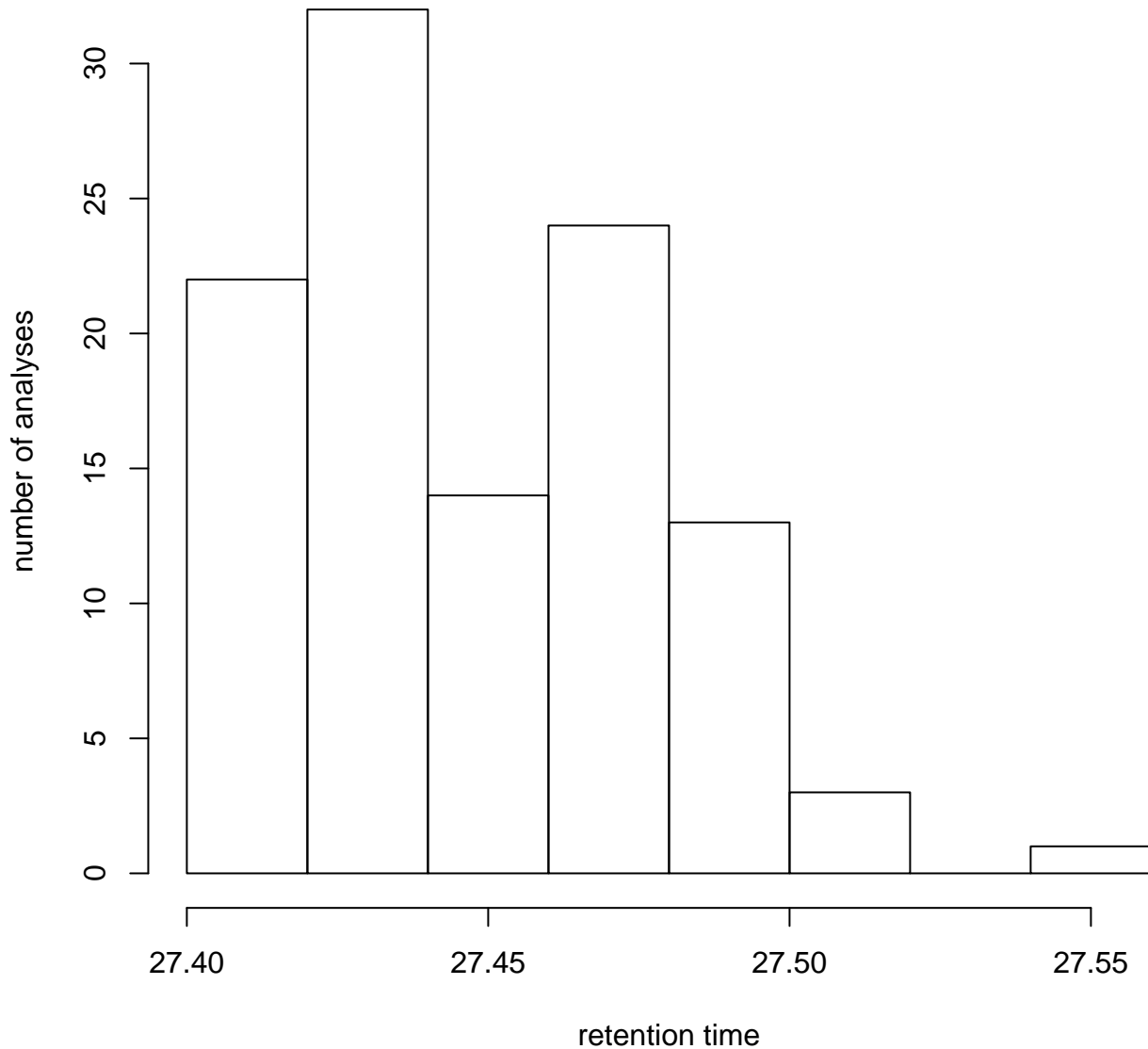
## Distribution of retention time for the cluster 18

mean retention time = 24.84 ; range of retention times = 0.114



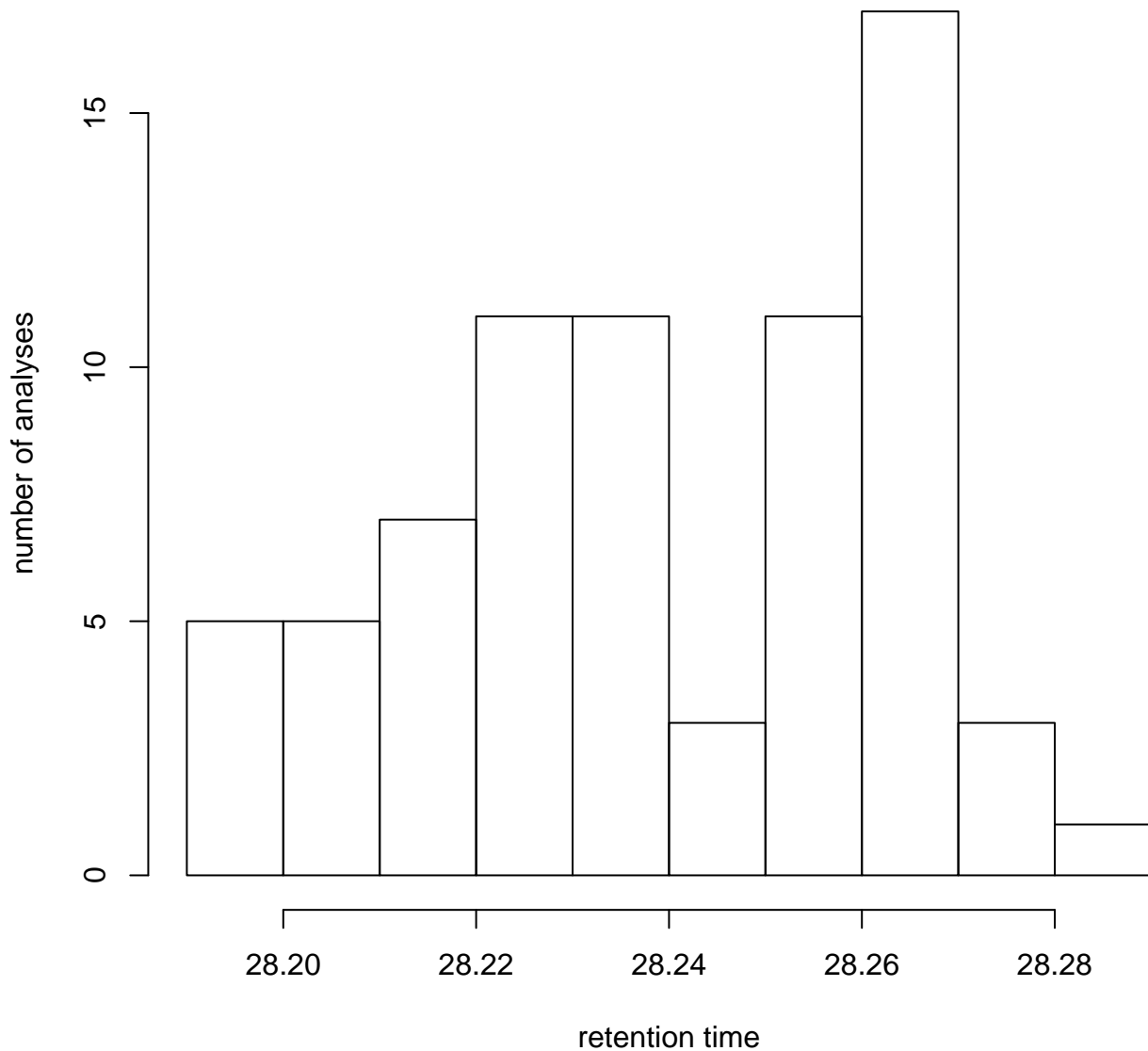
## Distribution of retention time for the cluster 19

mean retention time = 27.448 ; range of retention times = 0.145



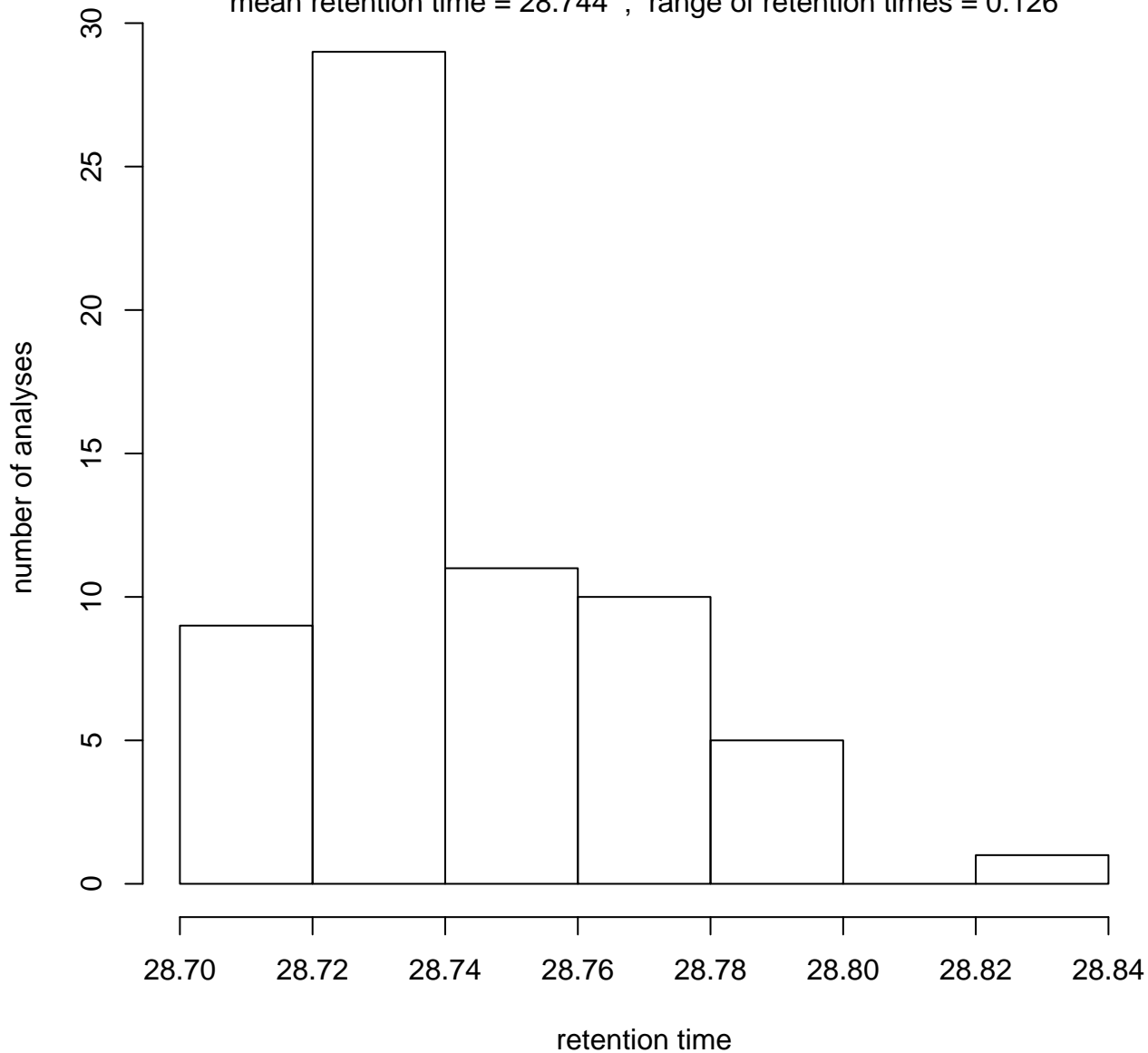
## Distribution of retention time for the cluster 21

mean retention time = 28.241 ; range of retention times = 0.094



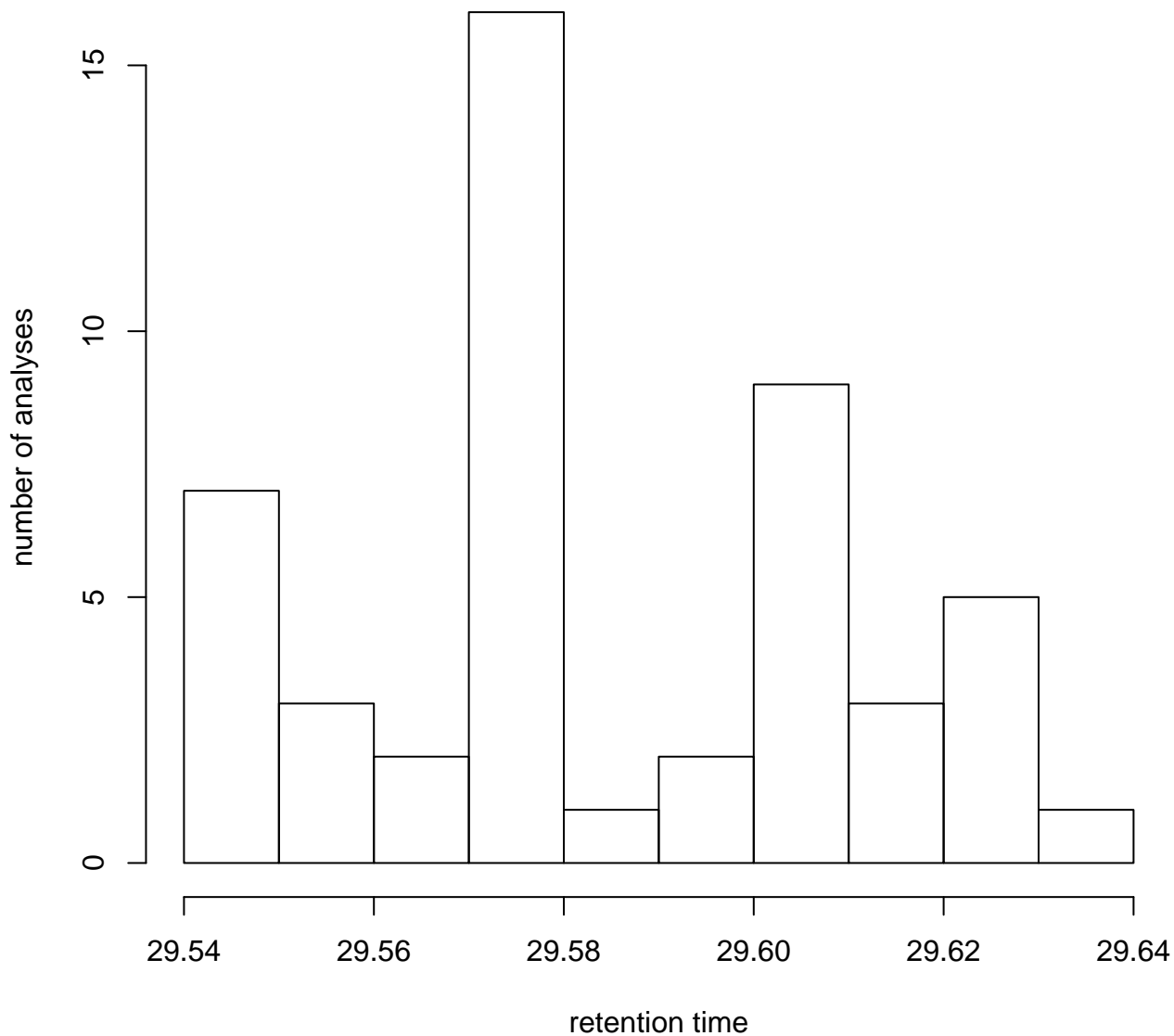
## Distribution of retention time for the cluster 22

mean retention time = 28.744 ; range of retention times = 0.126



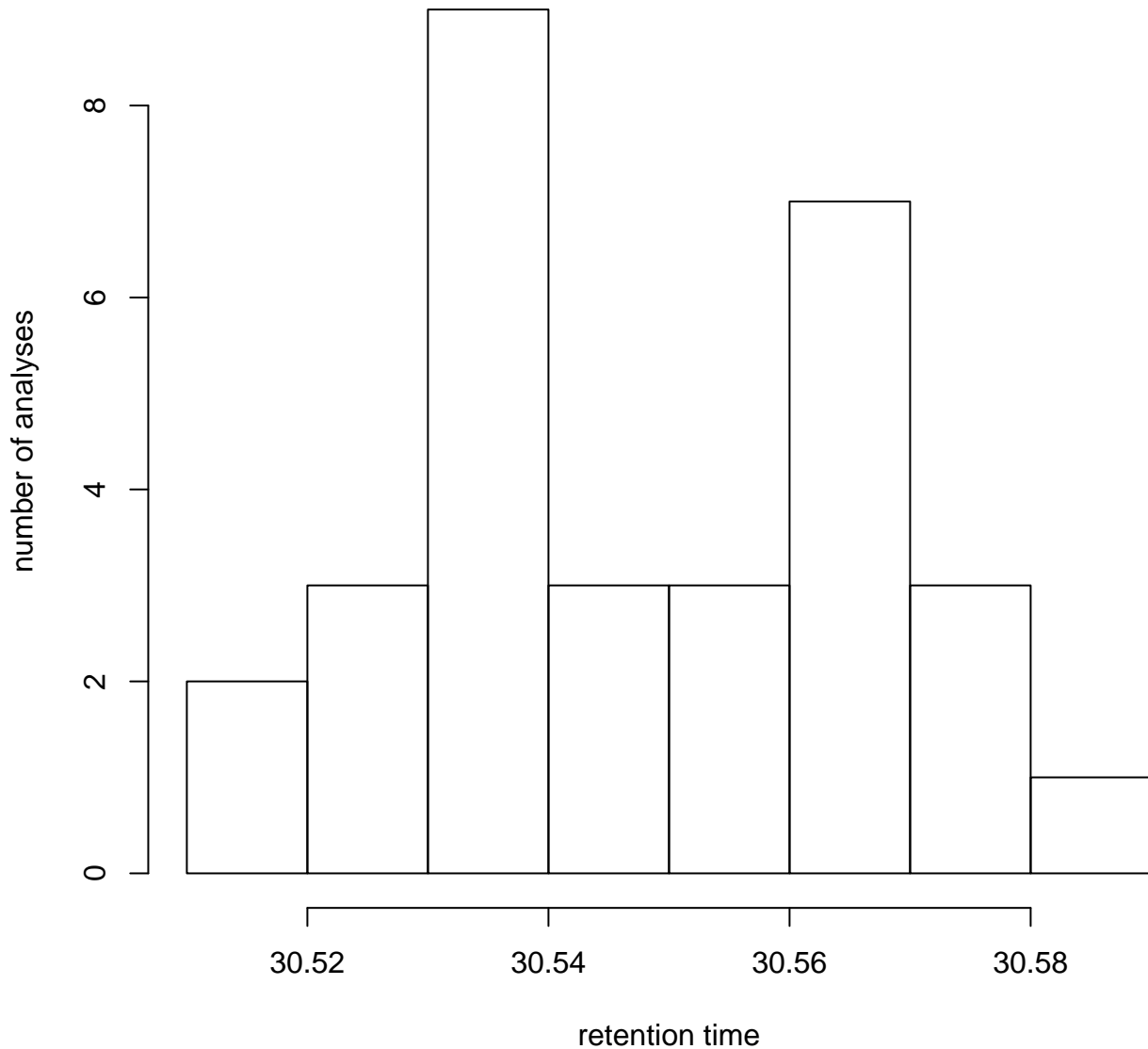
## Distribution of retention time for the cluster 24

mean retention time = 29.584 ; range of retention times = 0.094



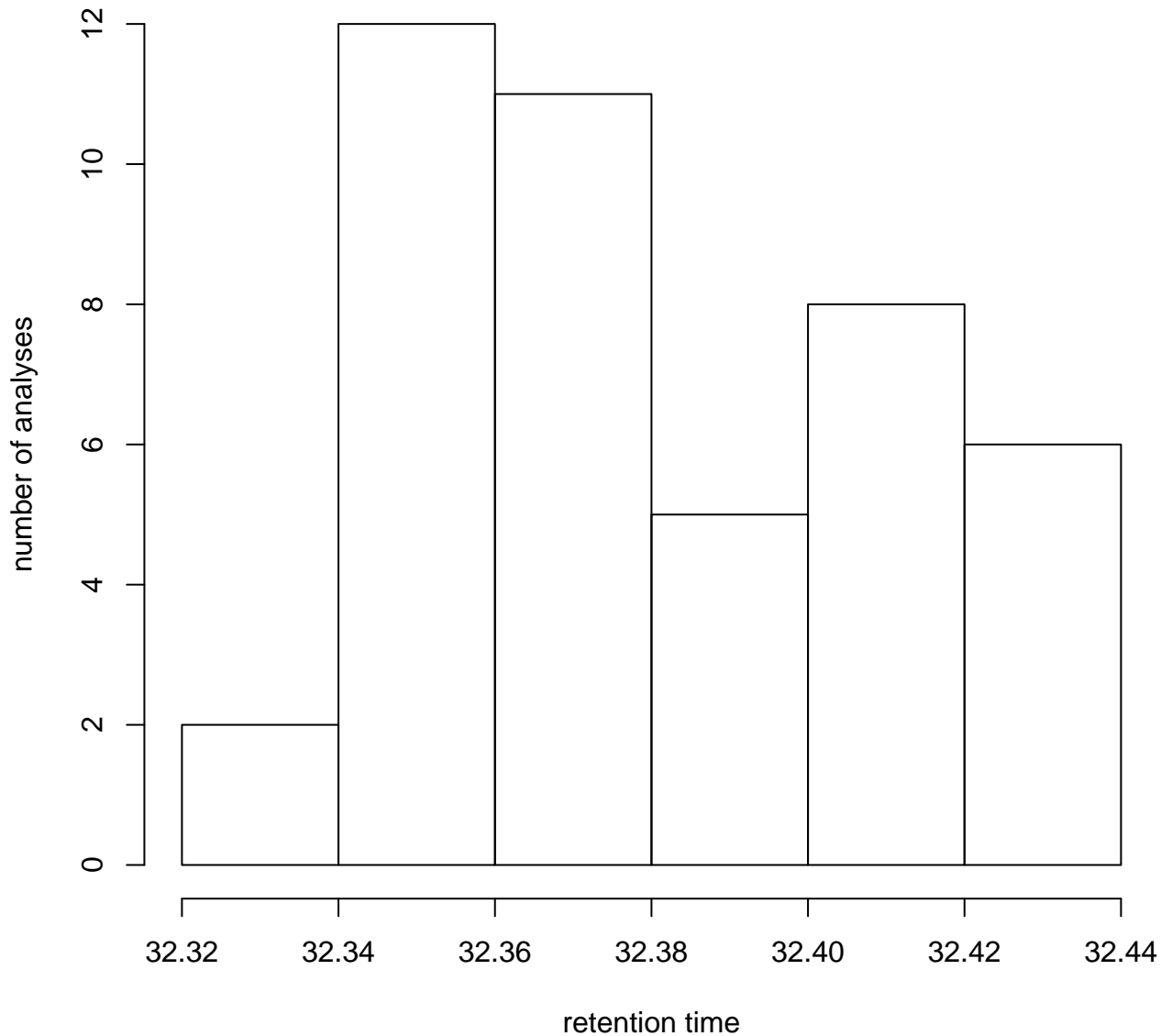
## Distribution of retention time for the cluster 25

mean retention time = 30.548 ; range of retention times = 0.073



# Distribution of retention time for the cluster 30

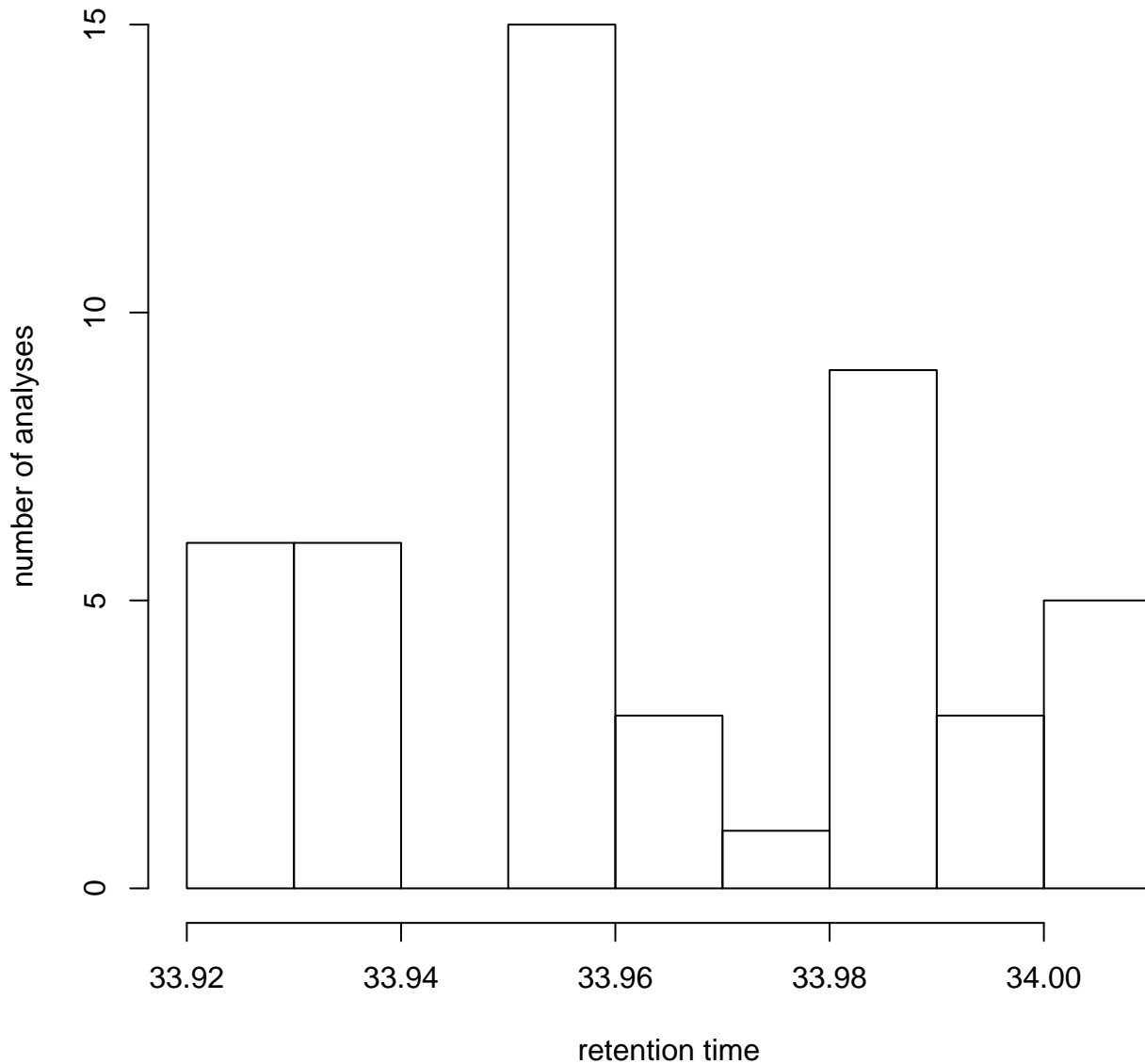
mean retention time = 32.38 ; range of retention times = 0.1





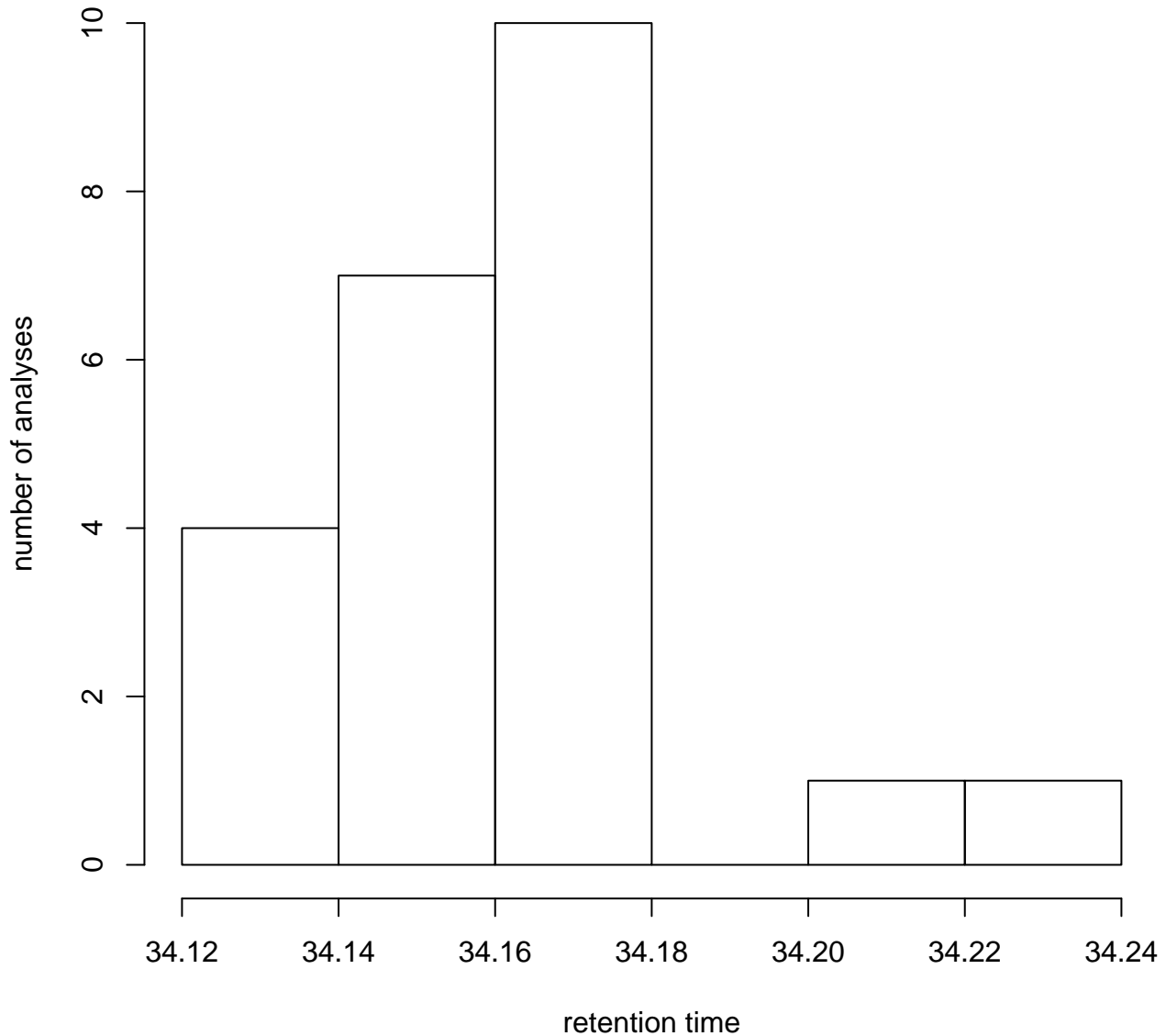
# Distribution of retention time for the cluster 33

mean retention time = 33.964 ; range of retention times = 0.085



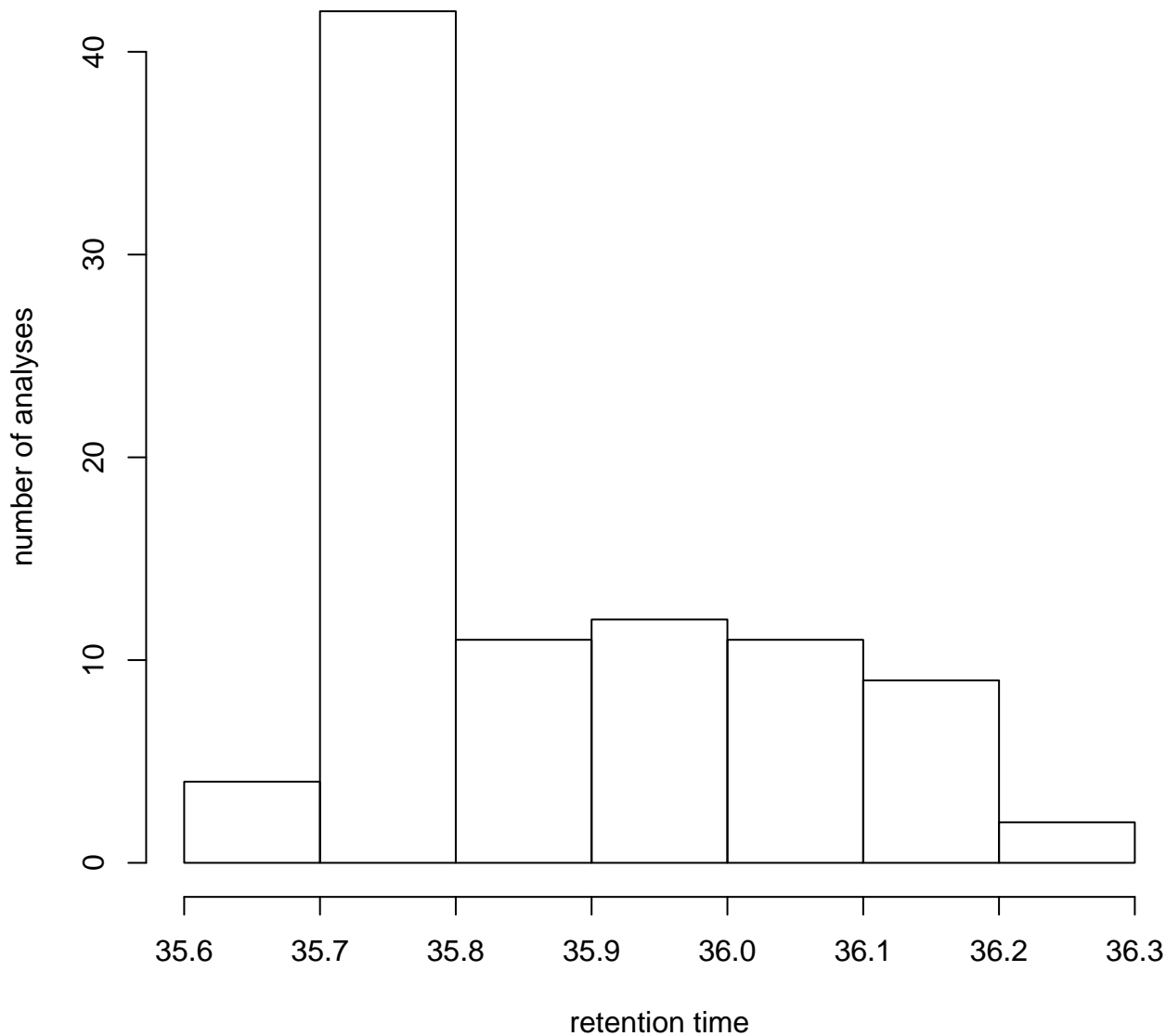
## Distribution of retention time for the cluster 34

mean retention time = 34.161 ; range of retention times = 0.09



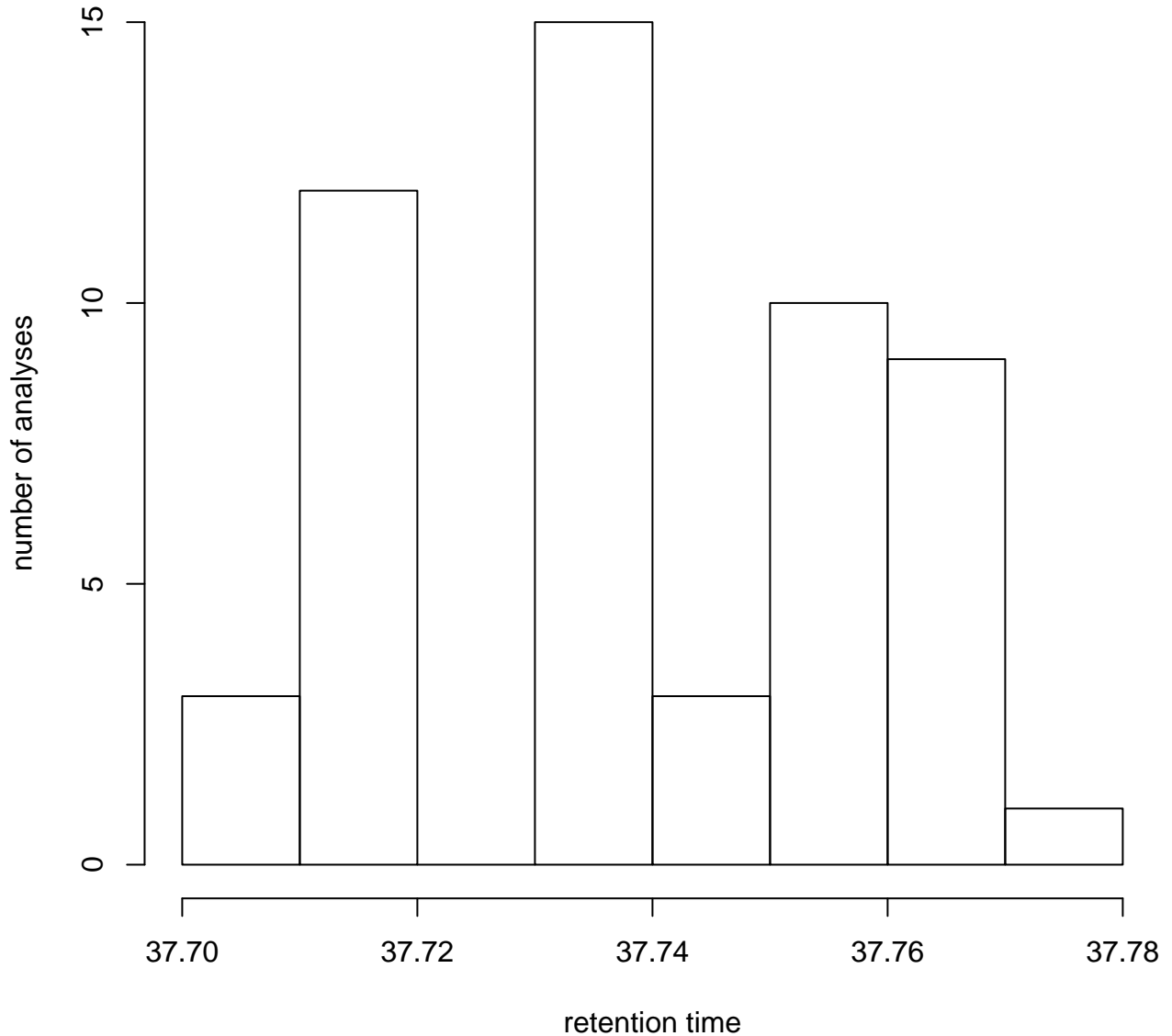
## Distribution of retention time for the cluster 35

mean retention time = 35.869 ; range of retention times = 0.614



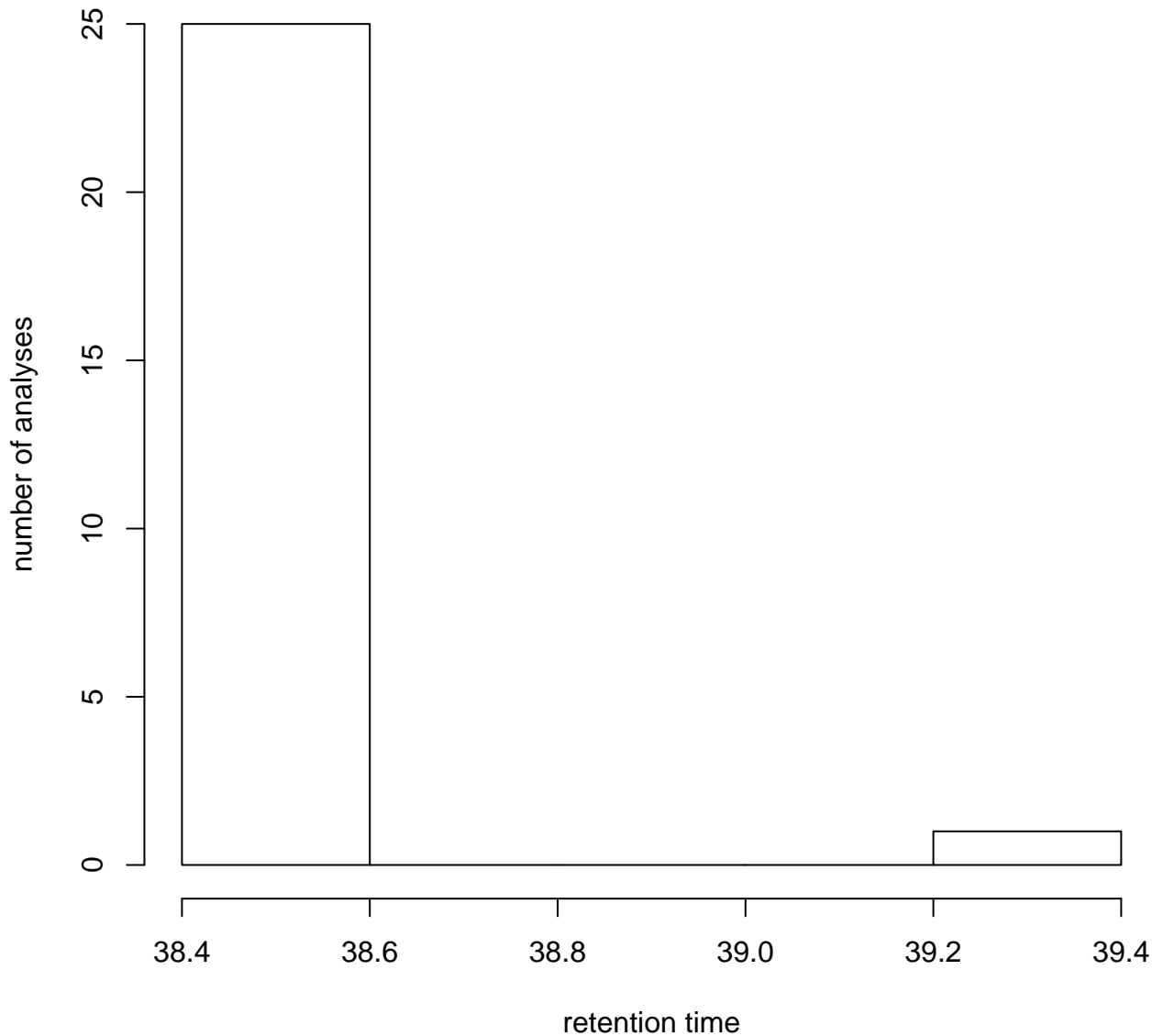
## Distribution of retention time for the cluster 37

mean retention time = 37.741 ; range of retention times = 0.064



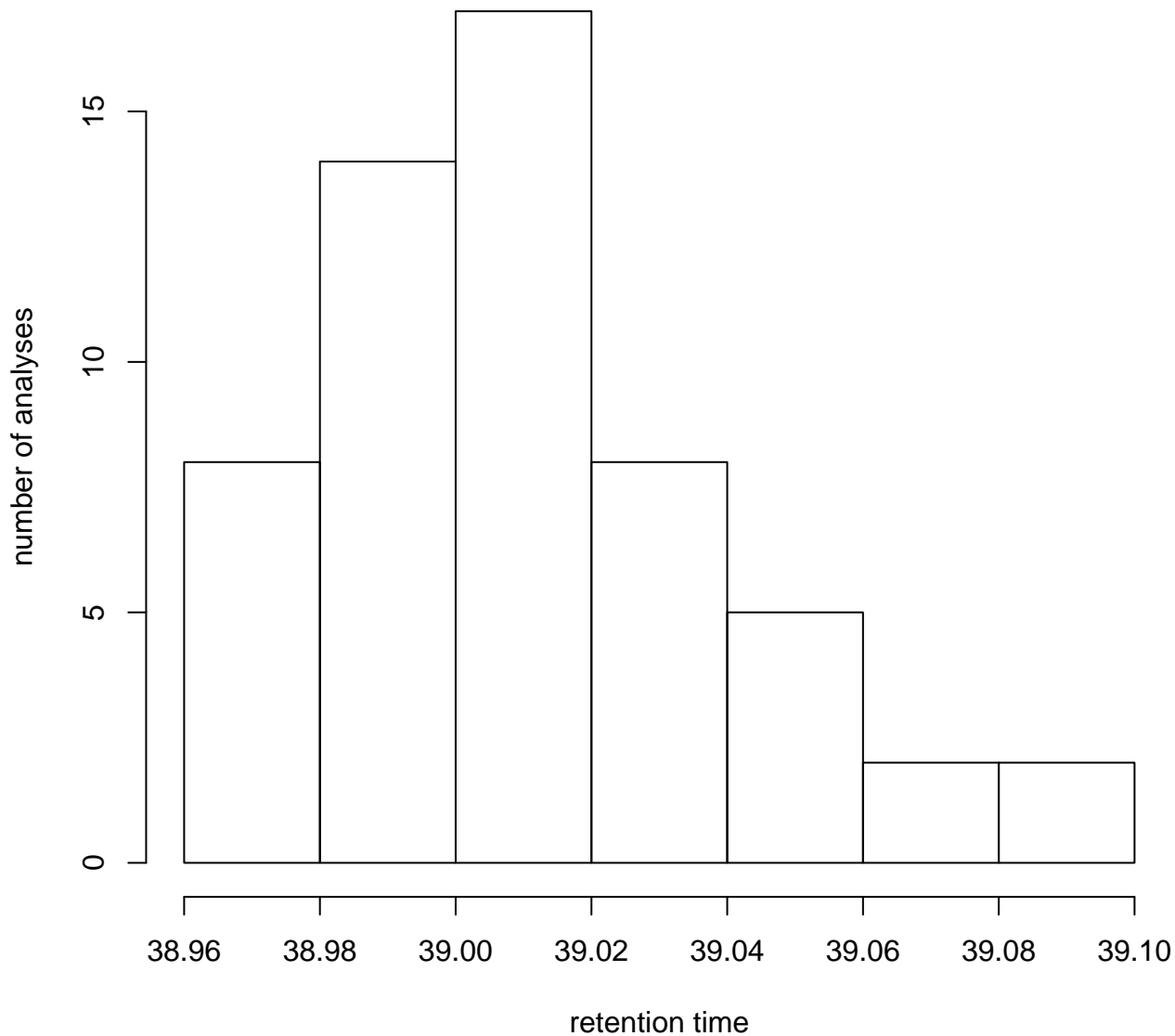
## Distribution of retention time for the cluster 38

mean retention time = 38.508 ; range of retention times = 0.877



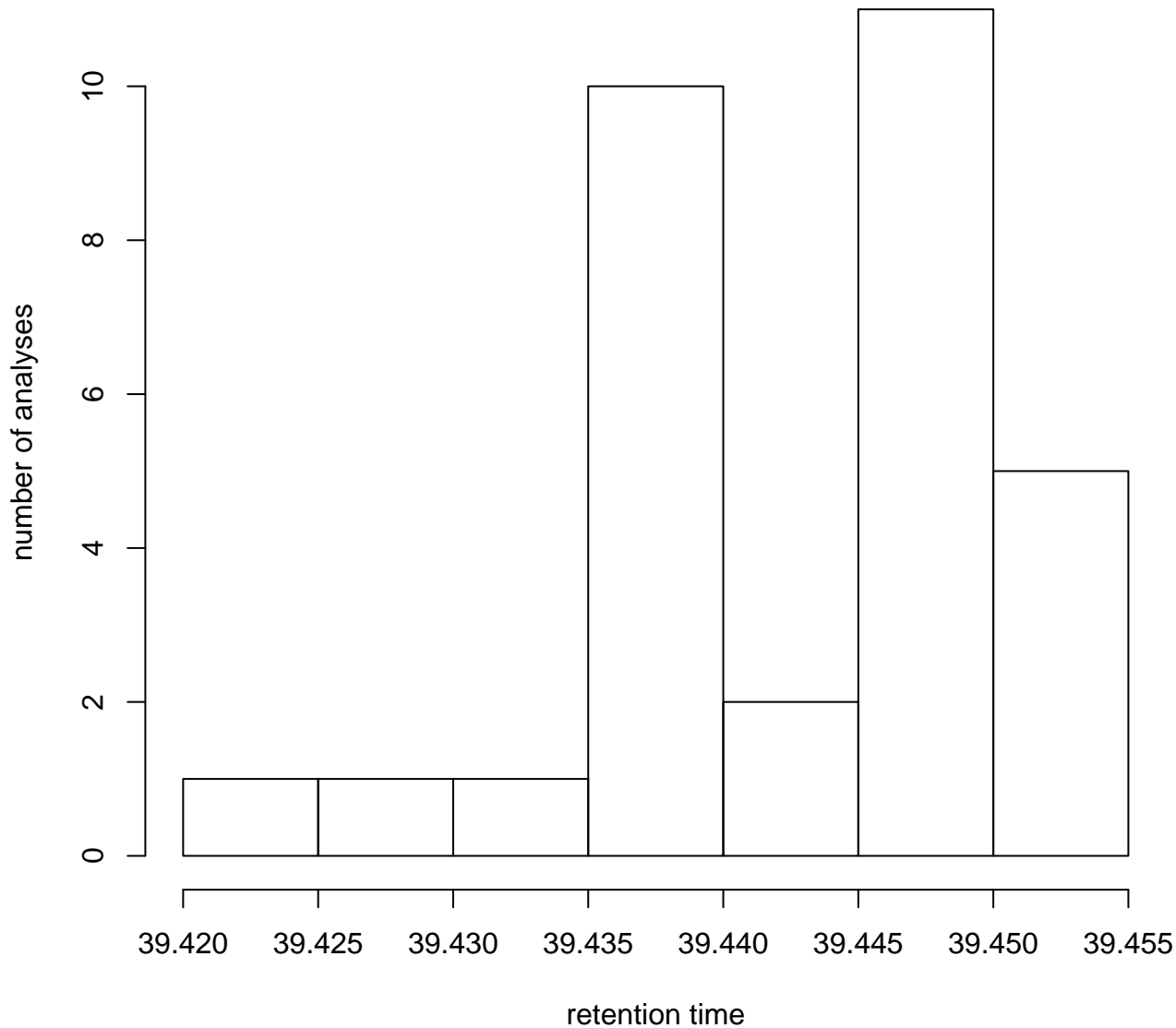
## Distribution of retention time for the cluster 39

mean retention time = 39.011 ; range of retention times = 0.134



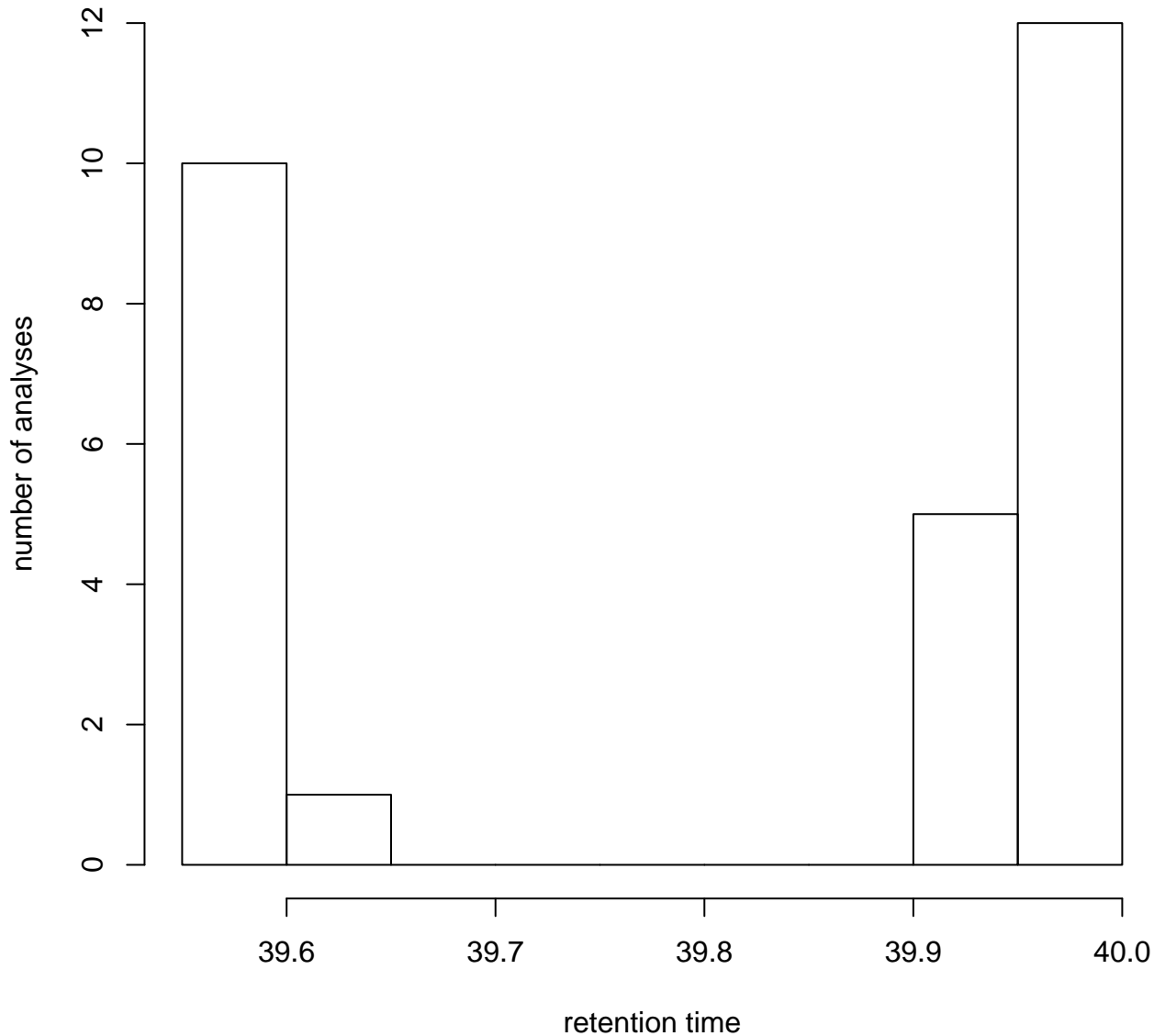
## Distribution of retention time for the cluster 40

mean retention time = 39.444 ; range of retention times = 0.032



## Distribution of retention time for the cluster 41

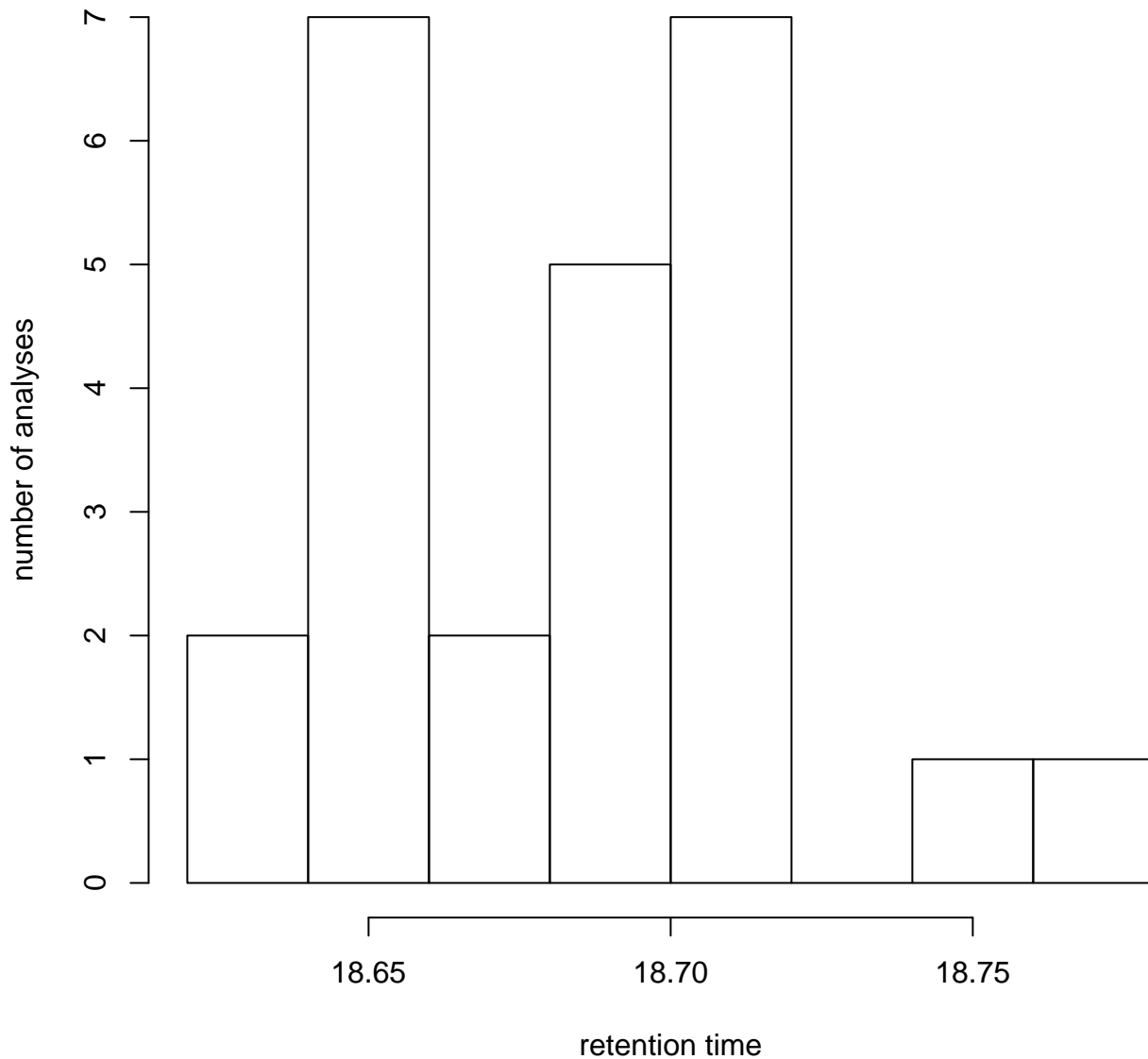
mean retention time = 39.814 ; range of retention times = 0.413





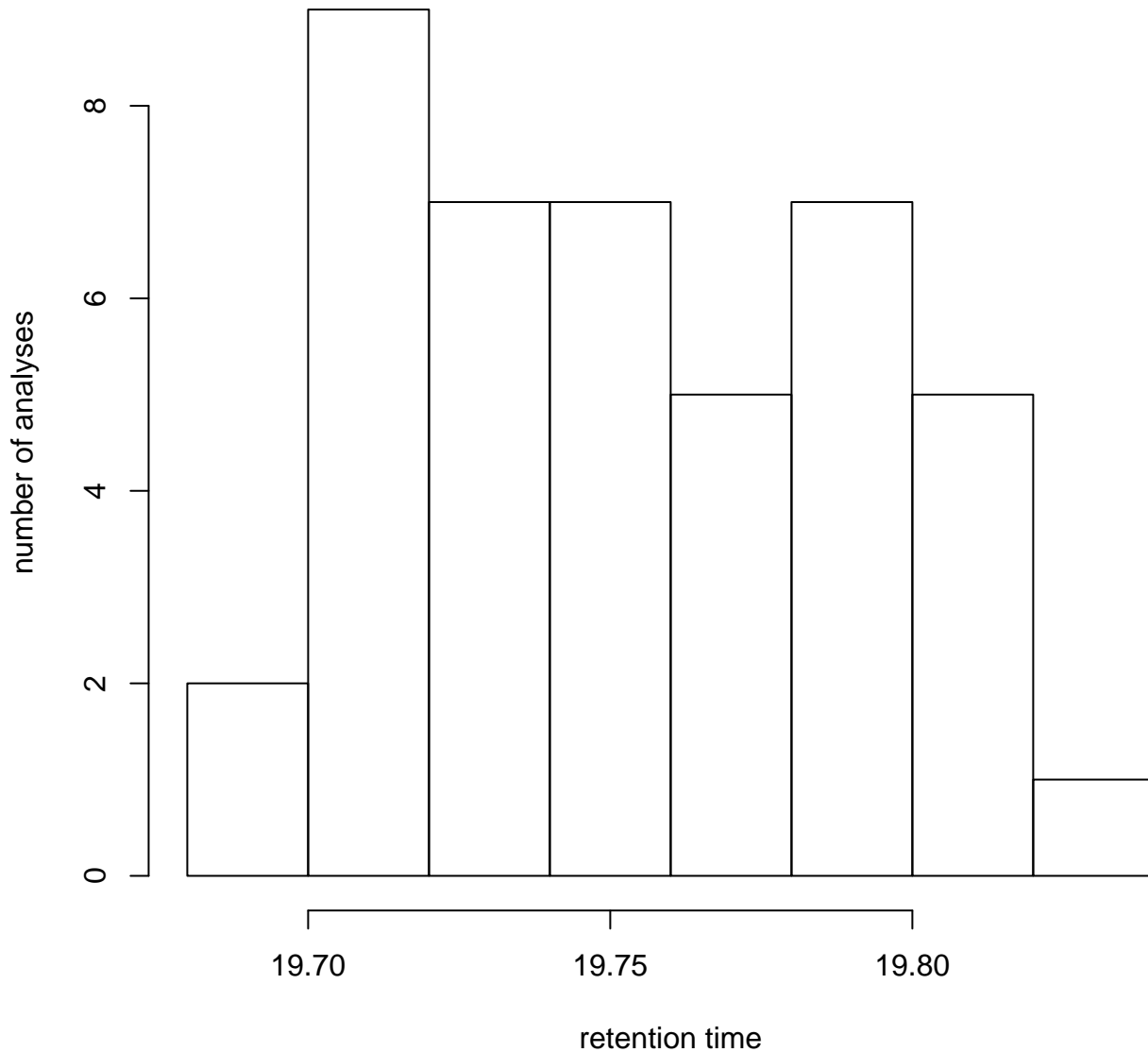
## Distribution of retention time for the cluster 42

mean retention time = 18.683 ; range of retention times = 0.136



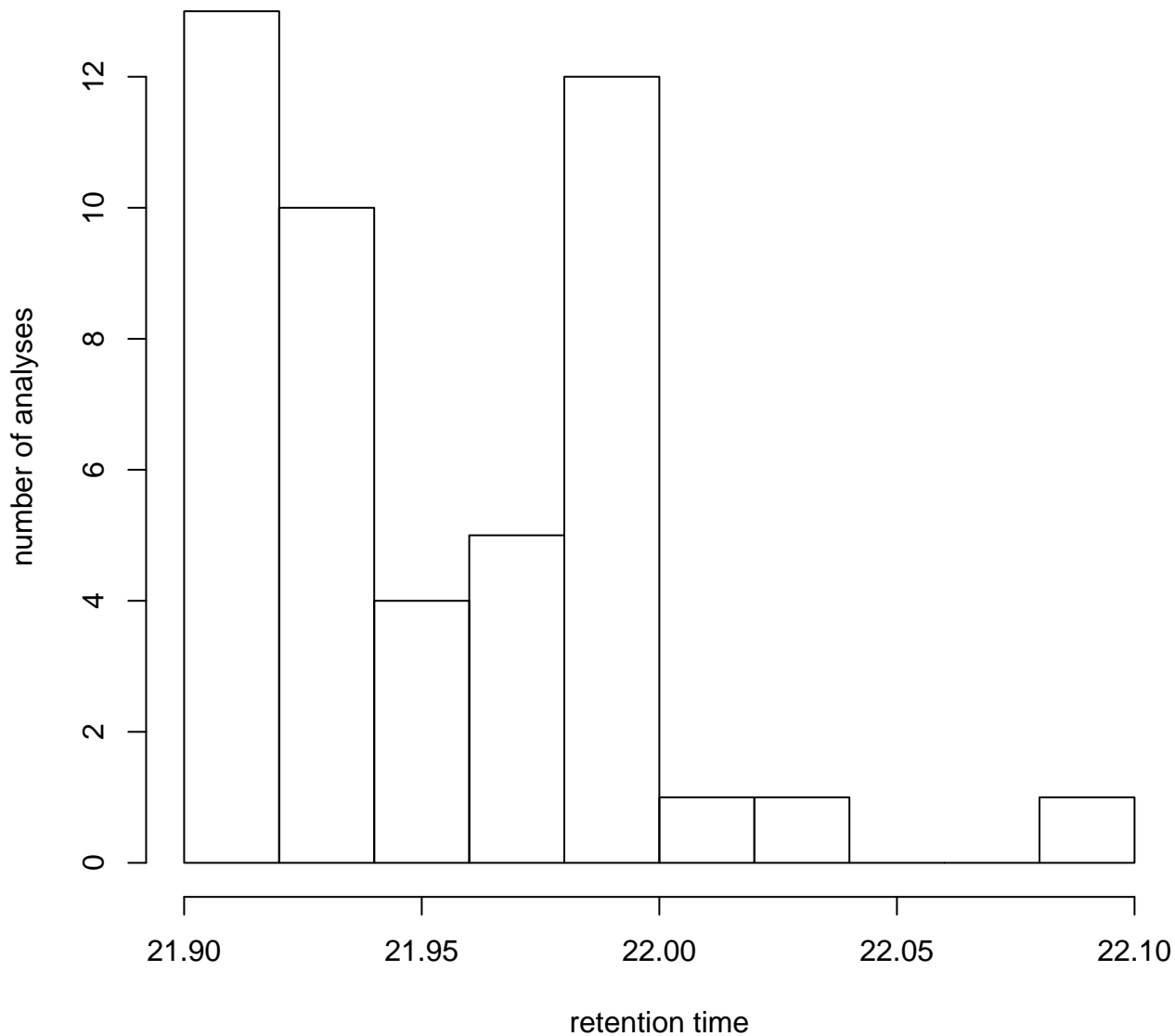
# Distribution of retention time for the cluster 43

mean retention time = 19.754 ; range of retention times = 0.13



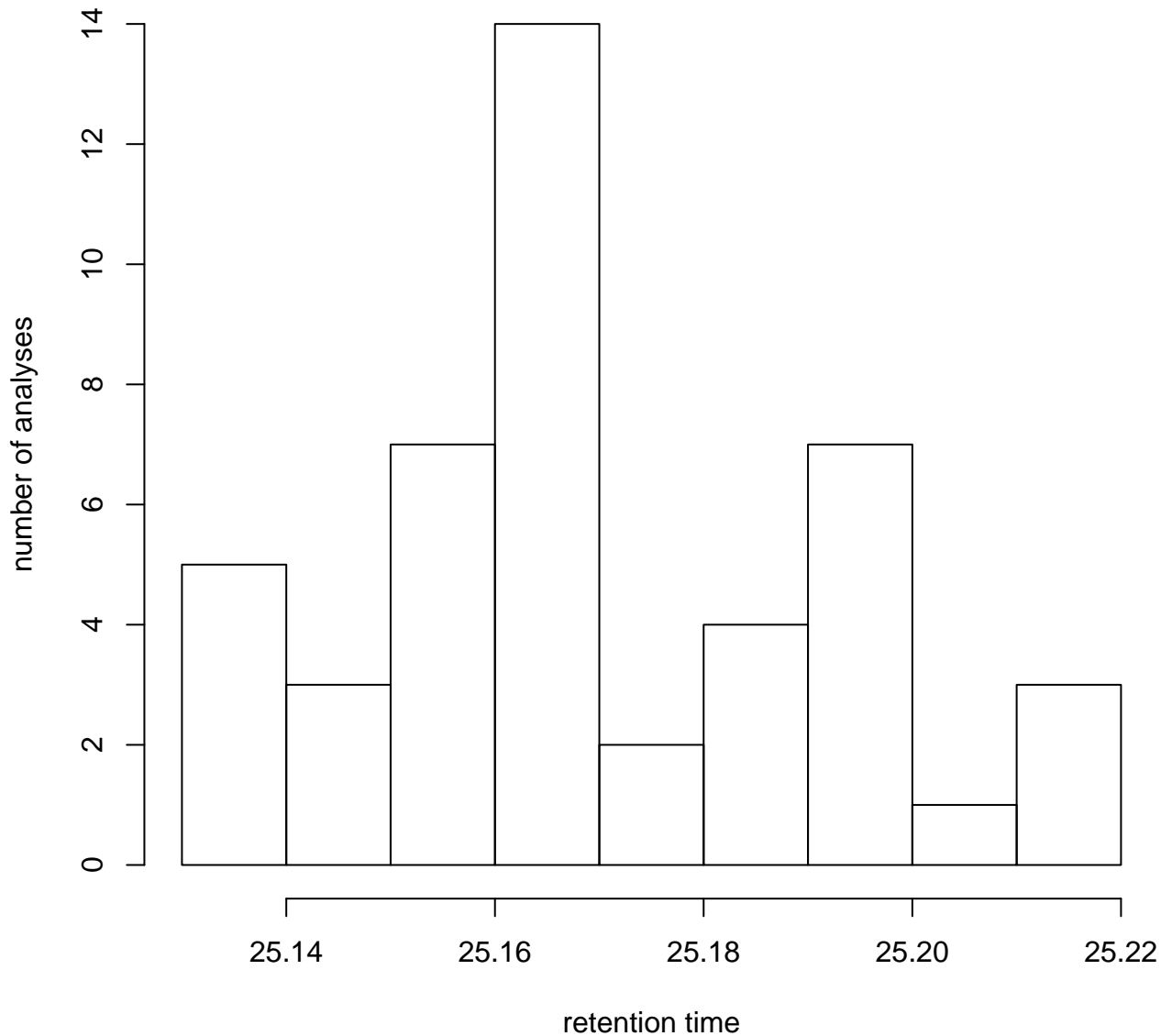
## Distribution of retention time for the cluster 46

mean retention time = 21.955 ; range of retention times = 0.186



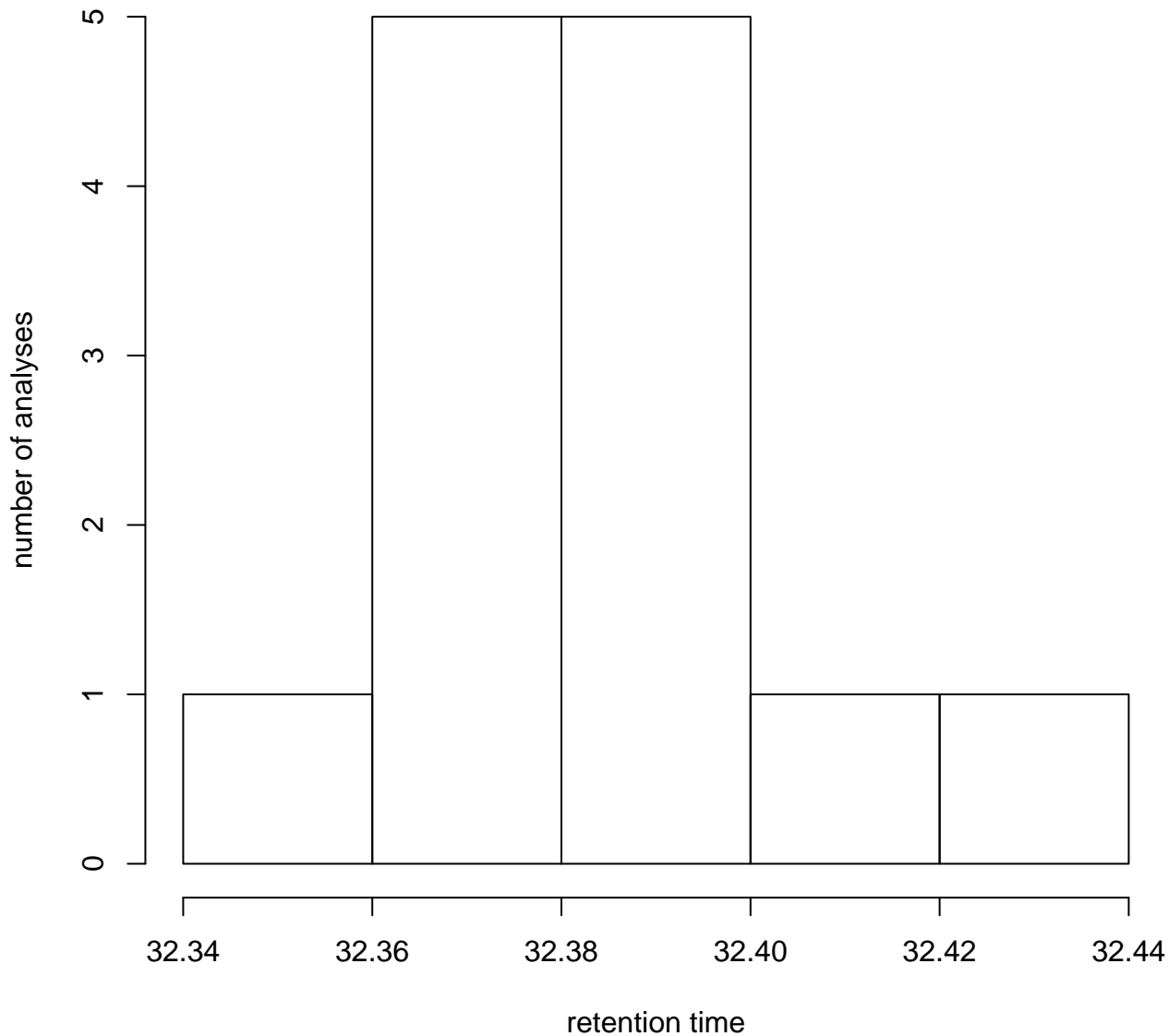
## Distribution of retention time for the cluster 47

mean retention time = 25.17 ; range of retention times = 0.087



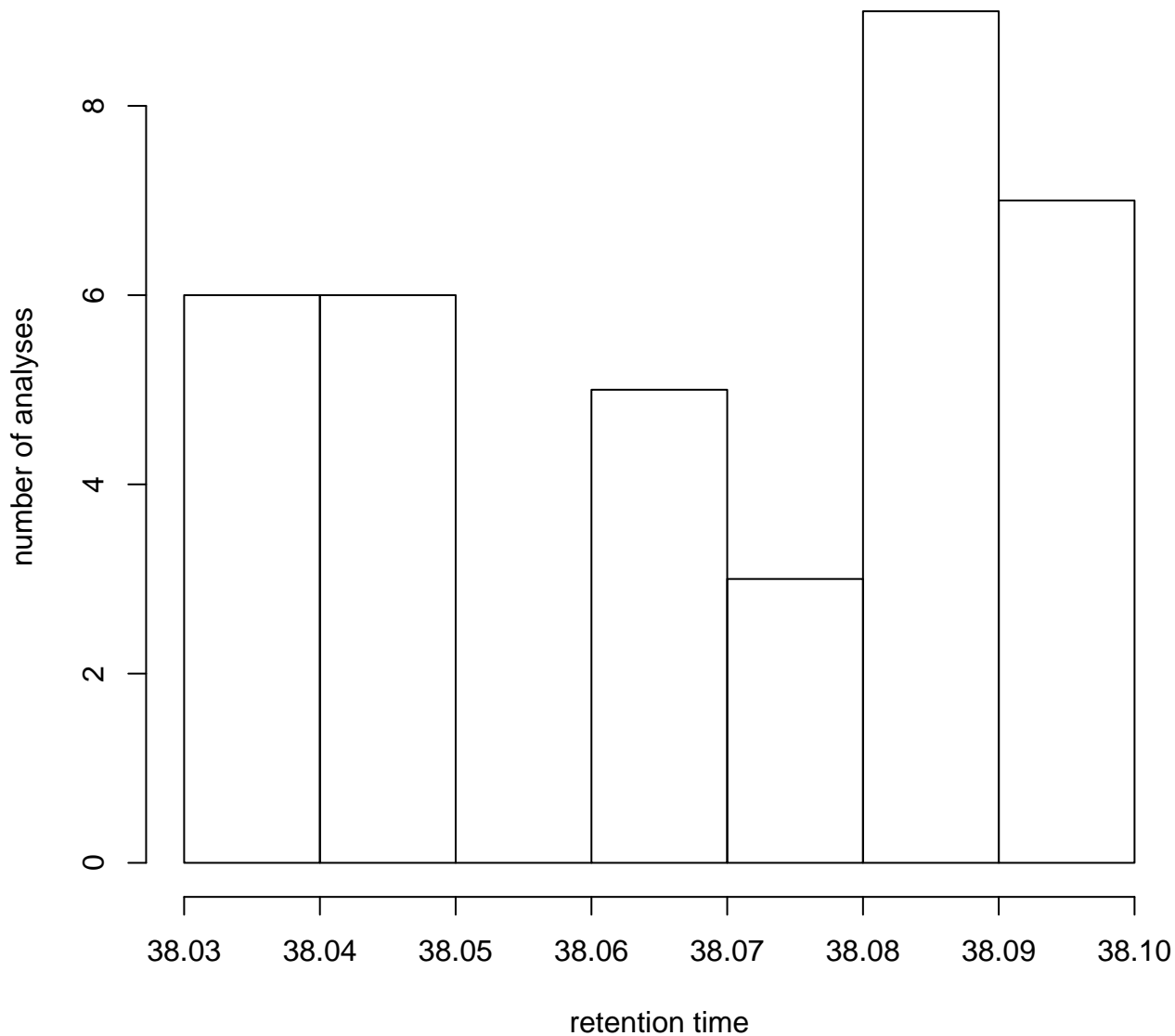
## Distribution of retention time for the cluster 53

mean retention time = 32.384 ; range of retention times = 0.07



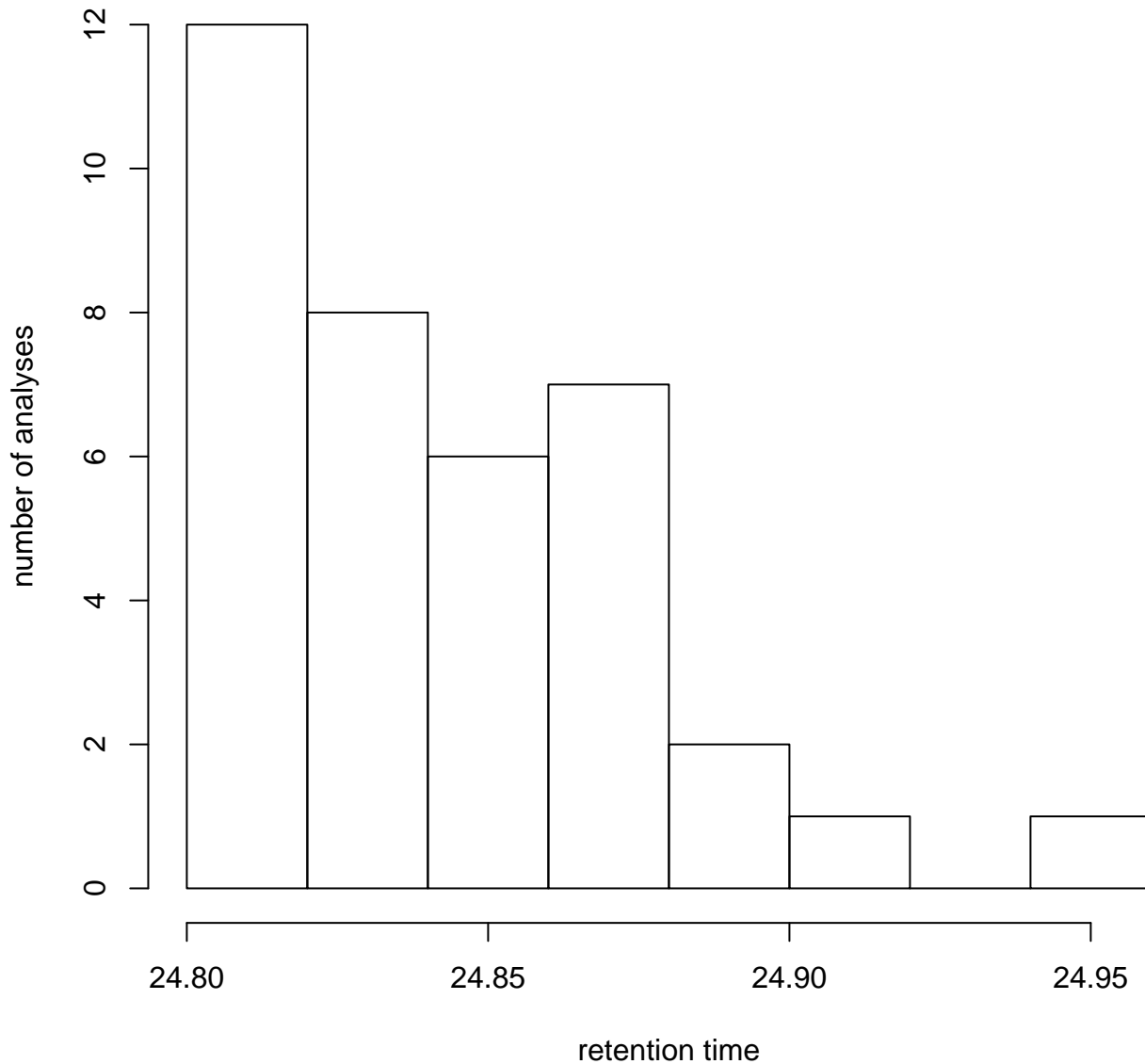
## Distribution of retention time for the cluster 56

mean retention time = 38.069 ; range of retention times = 0.056



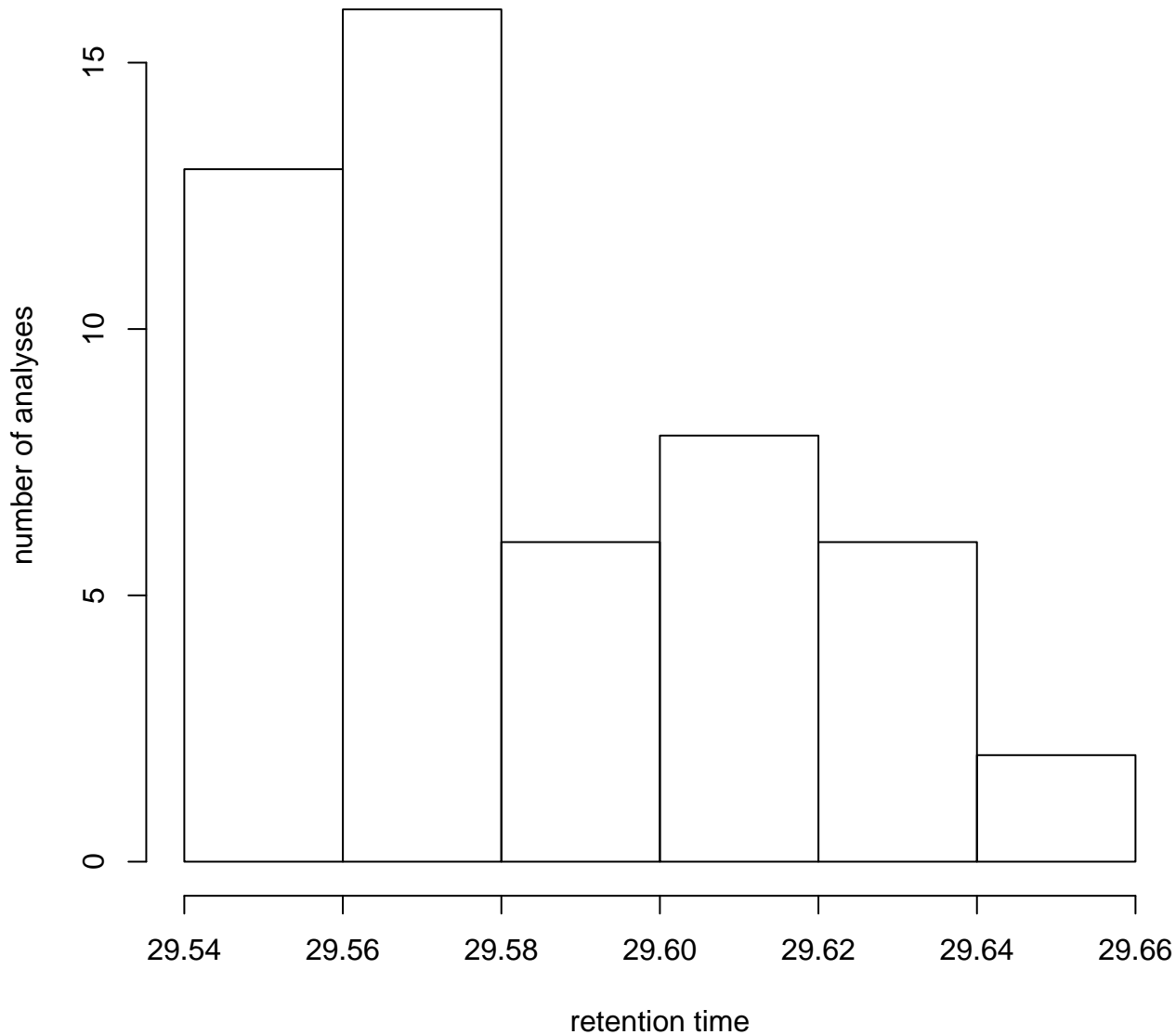
## Distribution of retention time for the cluster 57

mean retention time = 24.842 ; range of retention times = 0.15



## Distribution of retention time for the cluster 58

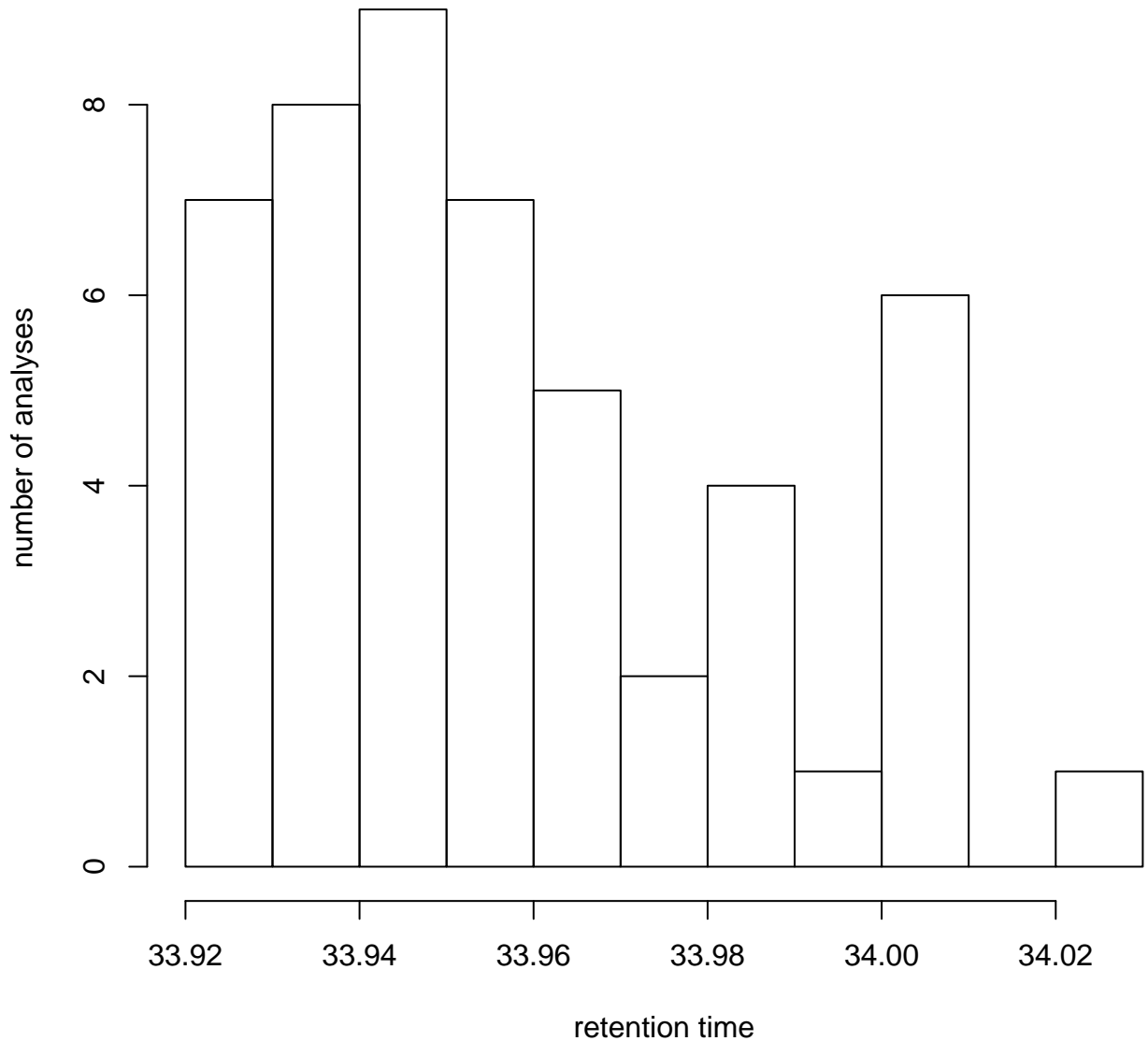
mean retention time = 29.583 ; range of retention times = 0.116





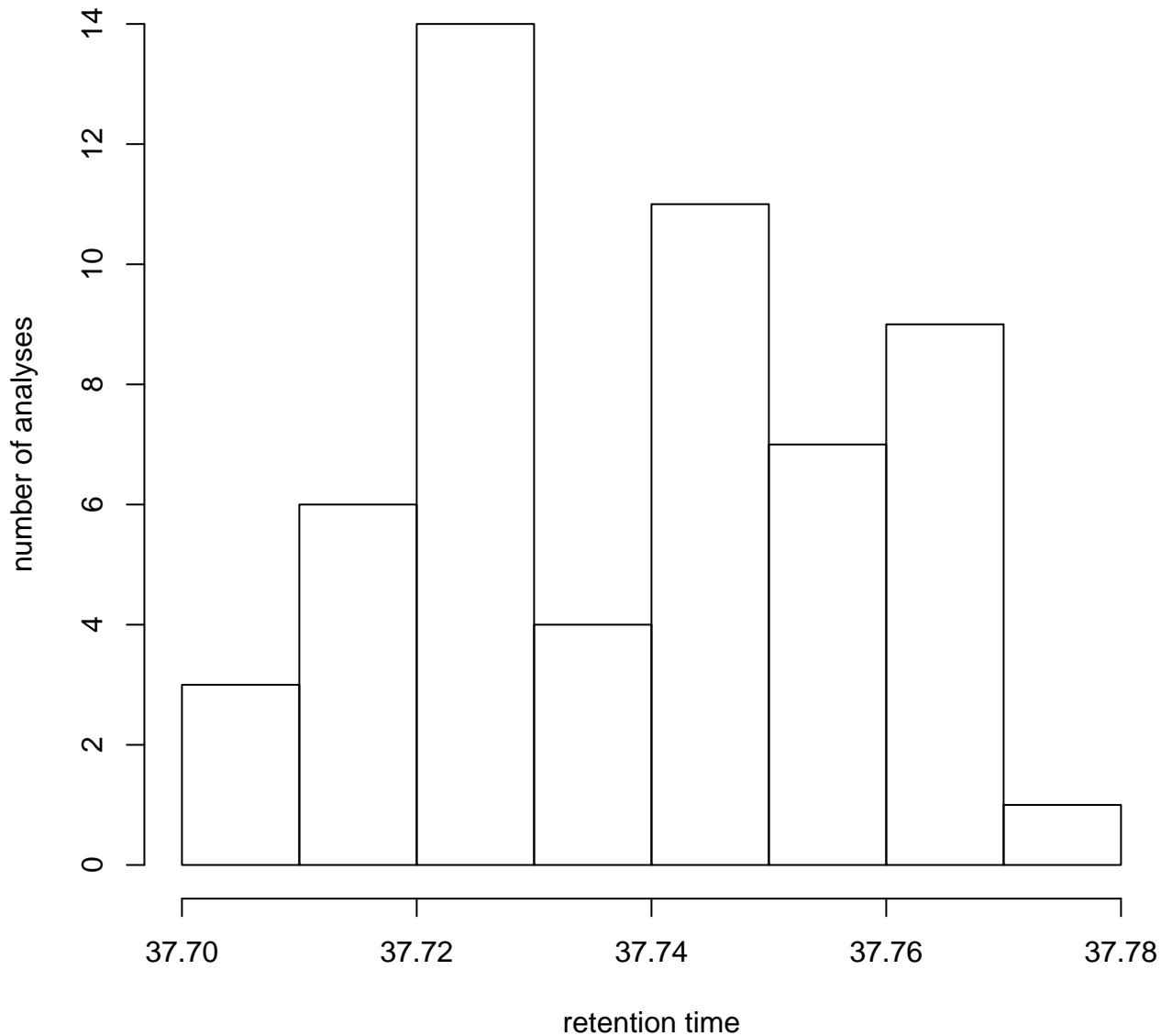
## Distribution of retention time for the cluster 60

mean retention time = 33.959 ; range of retention times = 0.097



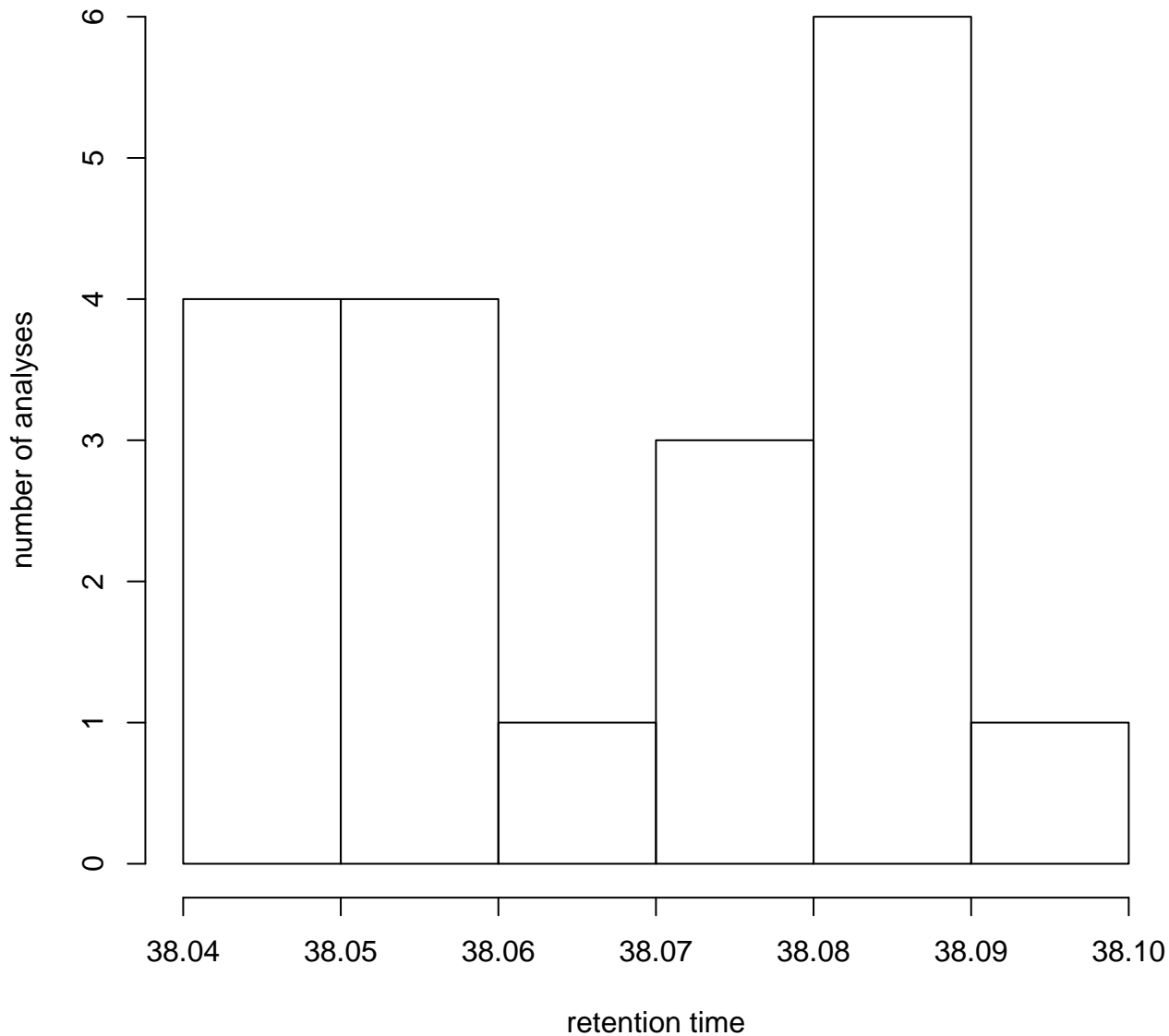
## Distribution of retention time for the cluster 61

mean retention time = 37.74 ; range of retention times = 0.062



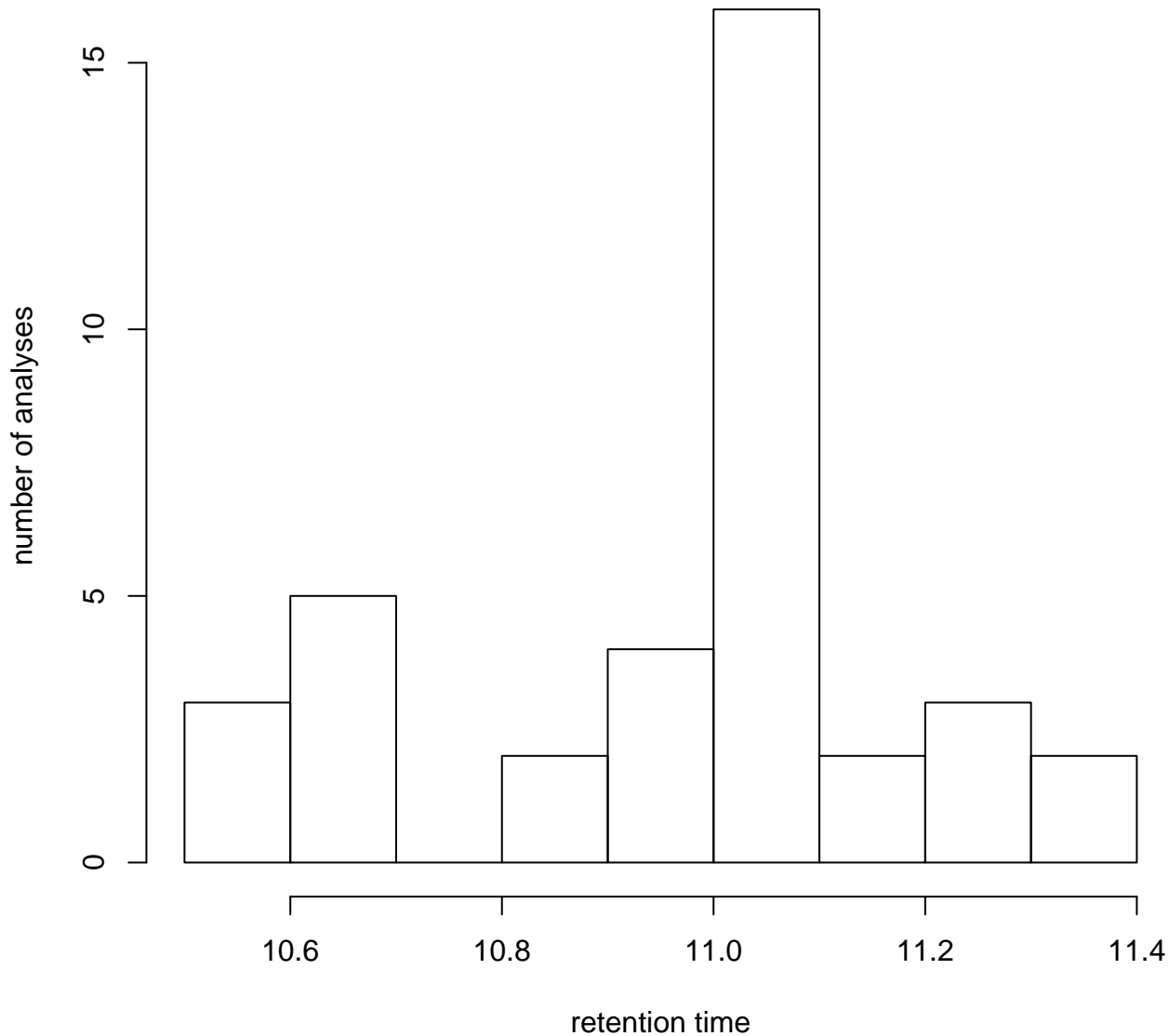
## Distribution of retention time for the cluster 62

mean retention time = 38.069 ; range of retention times = 0.056



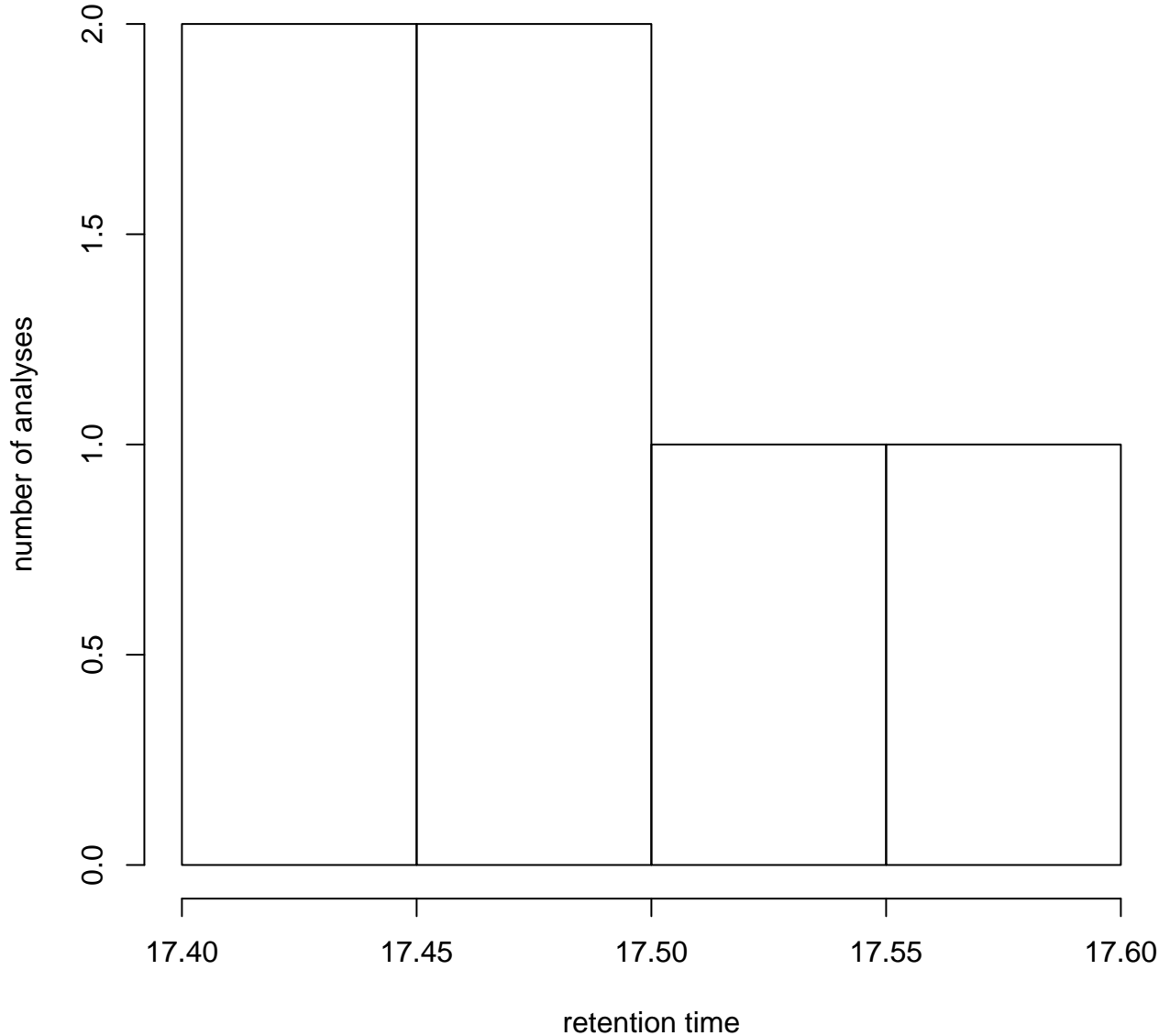
## Distribution of retention time for the cluster 63

mean retention time = 10.967 ; range of retention times = 0.761



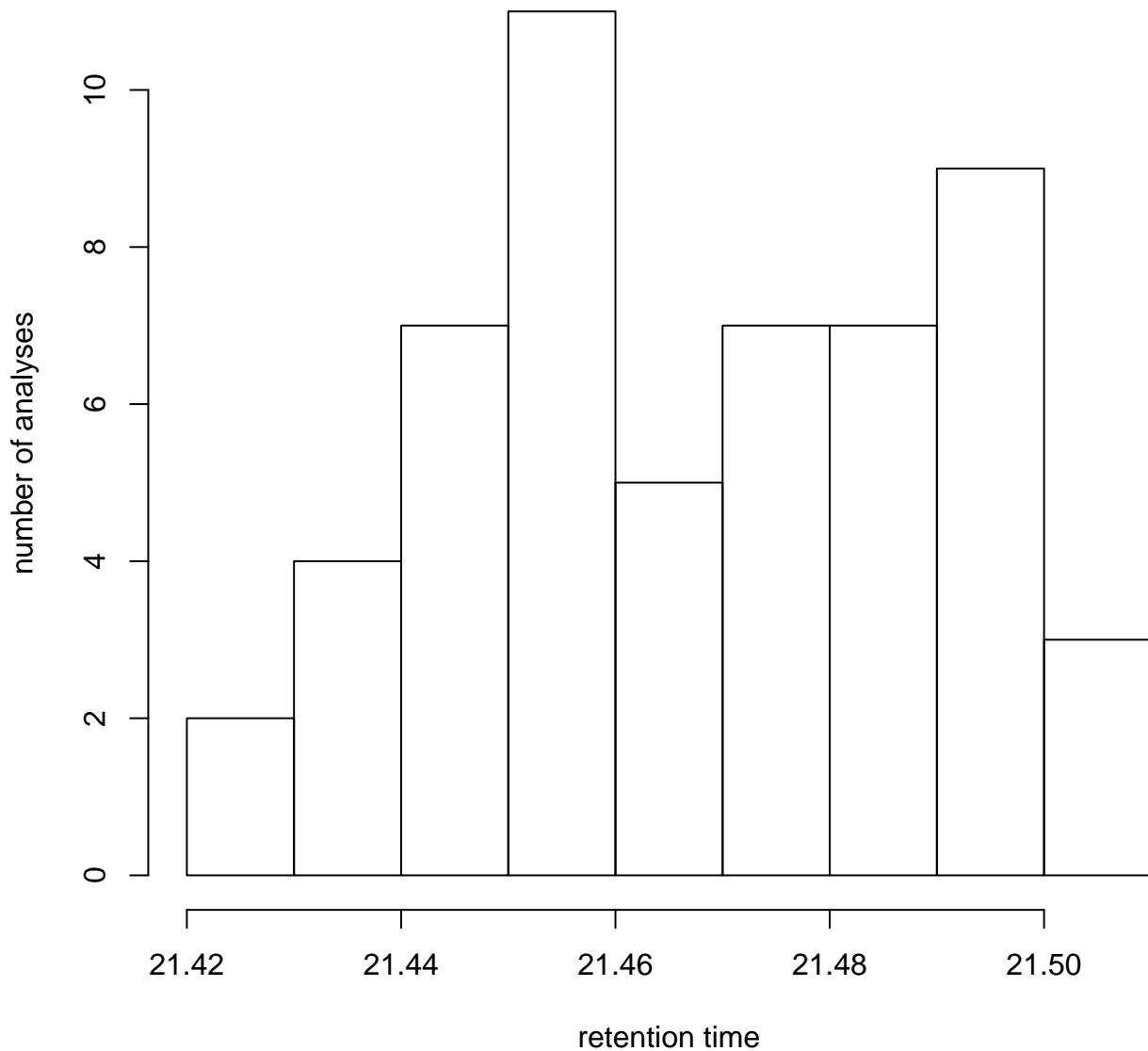
## Distribution of retention time for the cluster 66

mean retention time = 17.482 ; range of retention times = 0.154



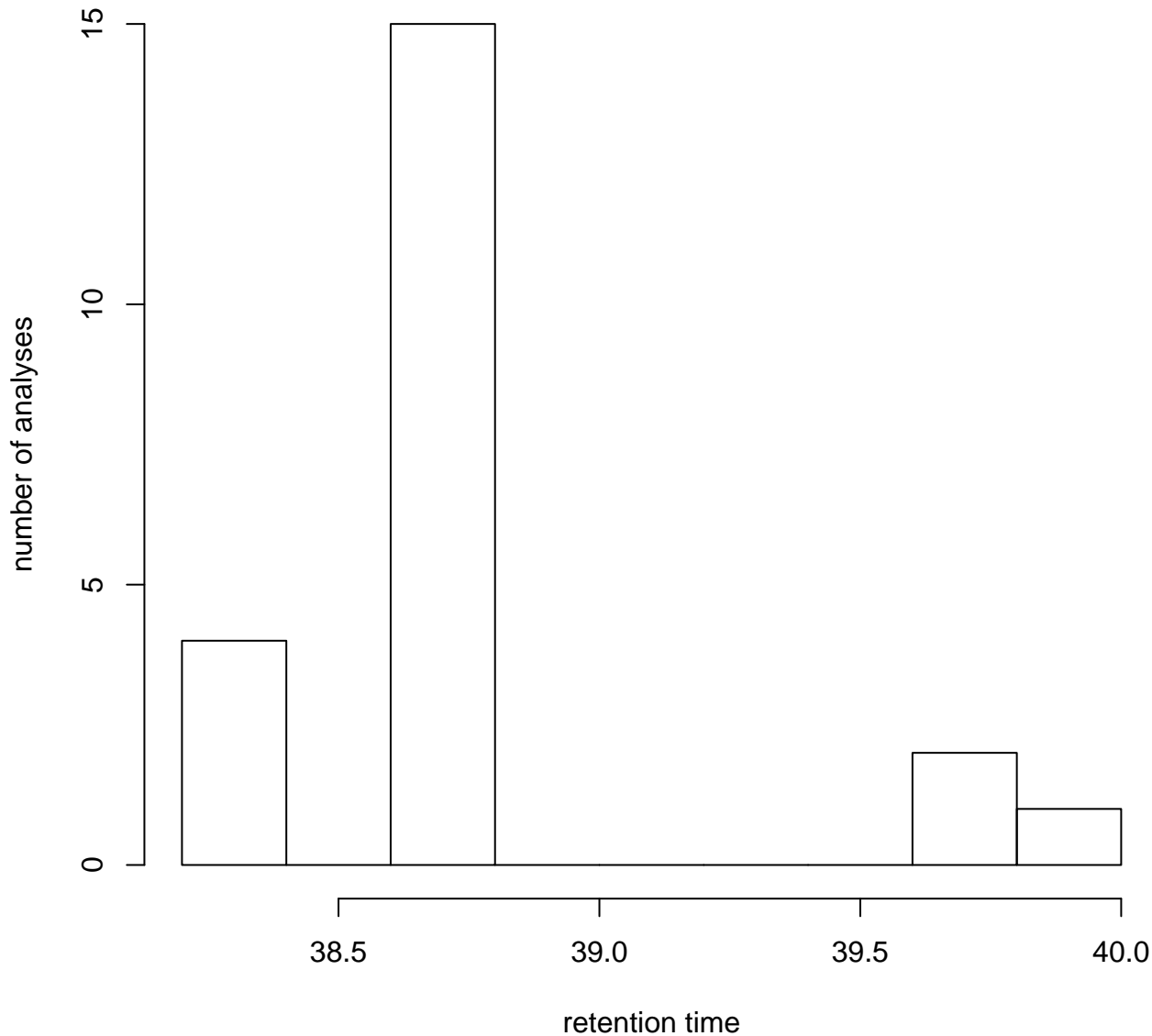
## Distribution of retention time for the cluster 67

mean retention time = 21.468 ; range of retention times = 0.081



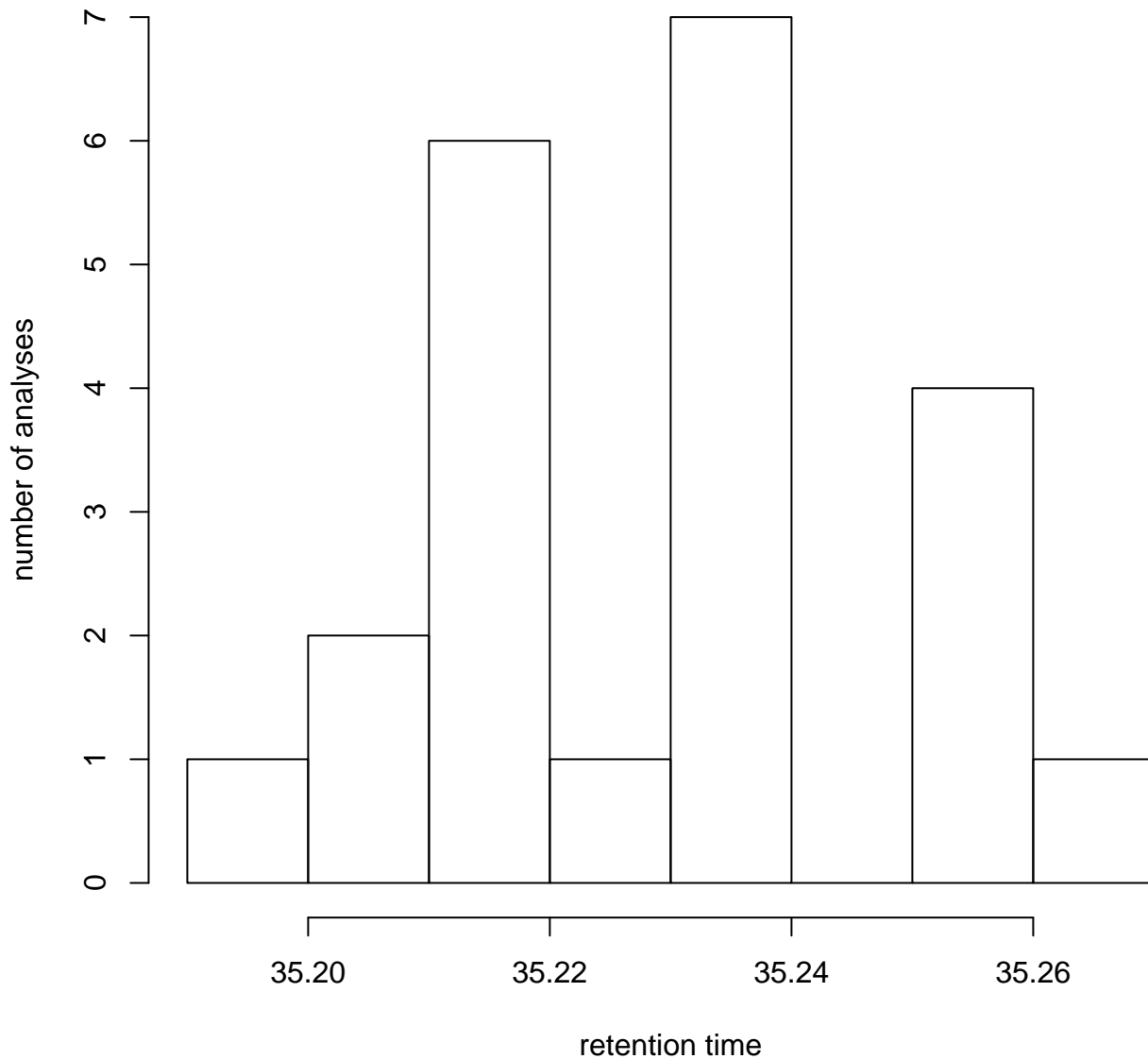
## Distribution of retention time for the cluster 72

mean retention time = 38.802 ; range of retention times = 1.47



## Distribution of retention time for the cluster 77

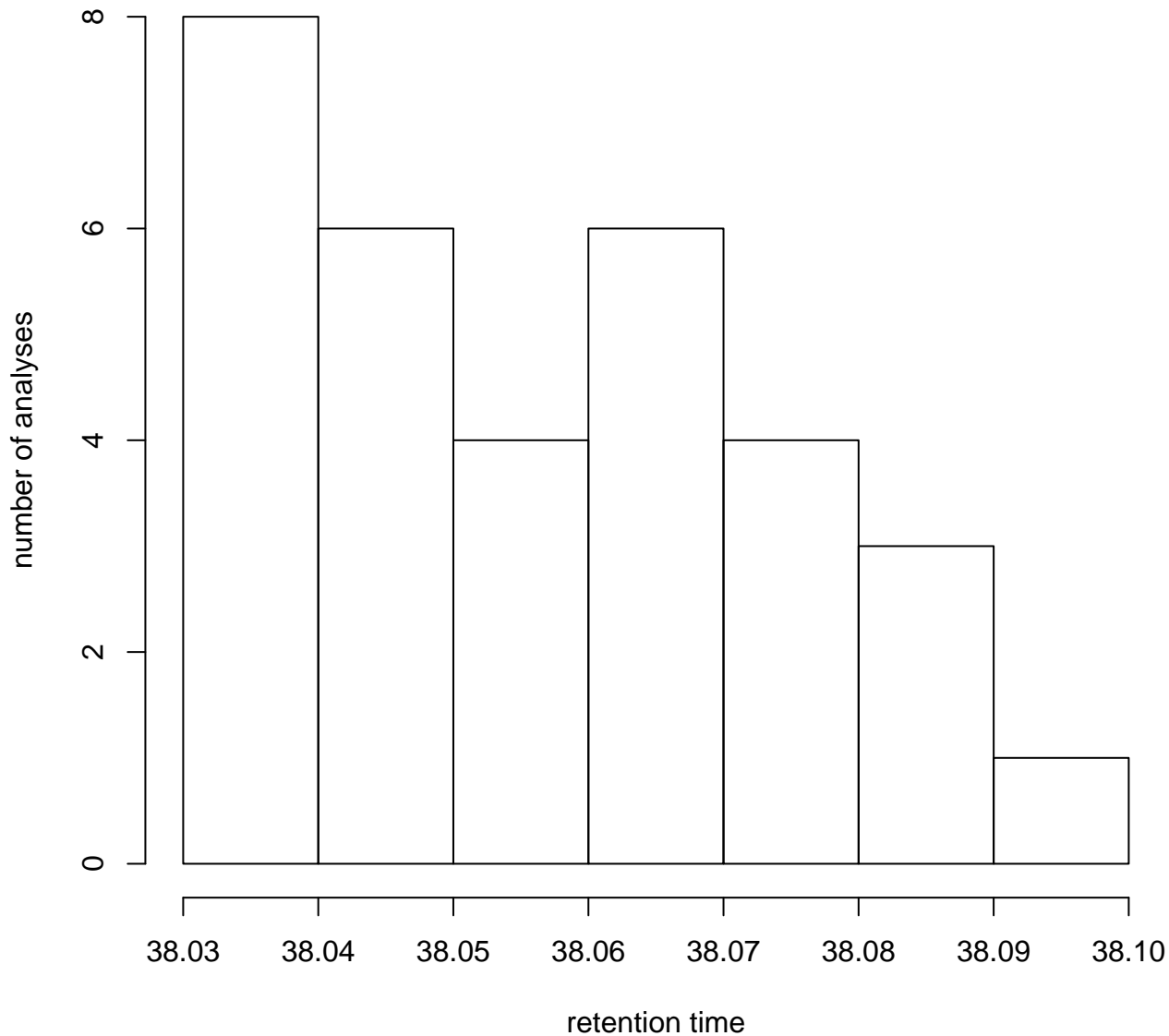
mean retention time = 35.229 ; range of retention times = 0.074





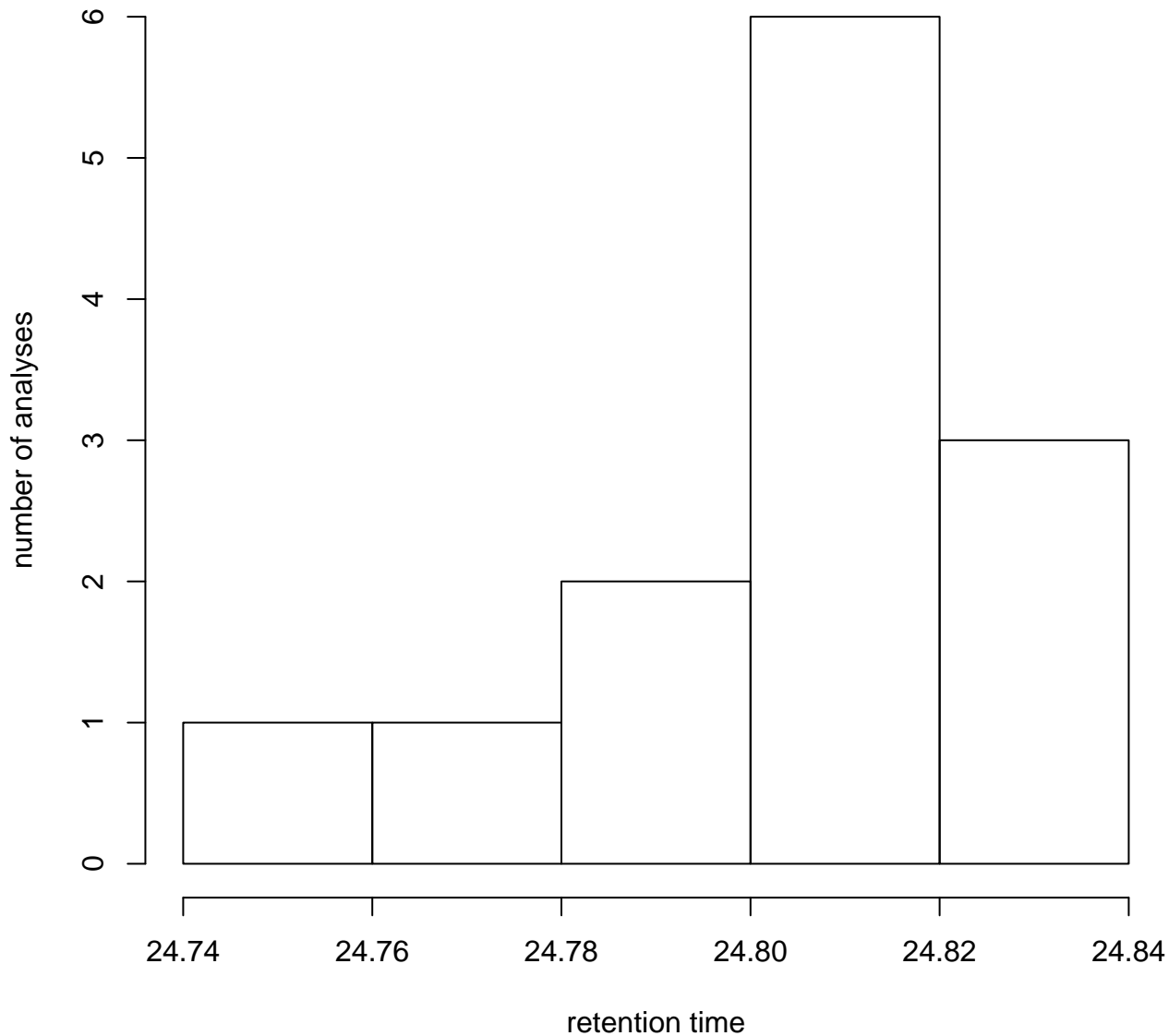
## Distribution of retention time for the cluster 78

mean retention time = 38.058 ; range of retention times = 0.068



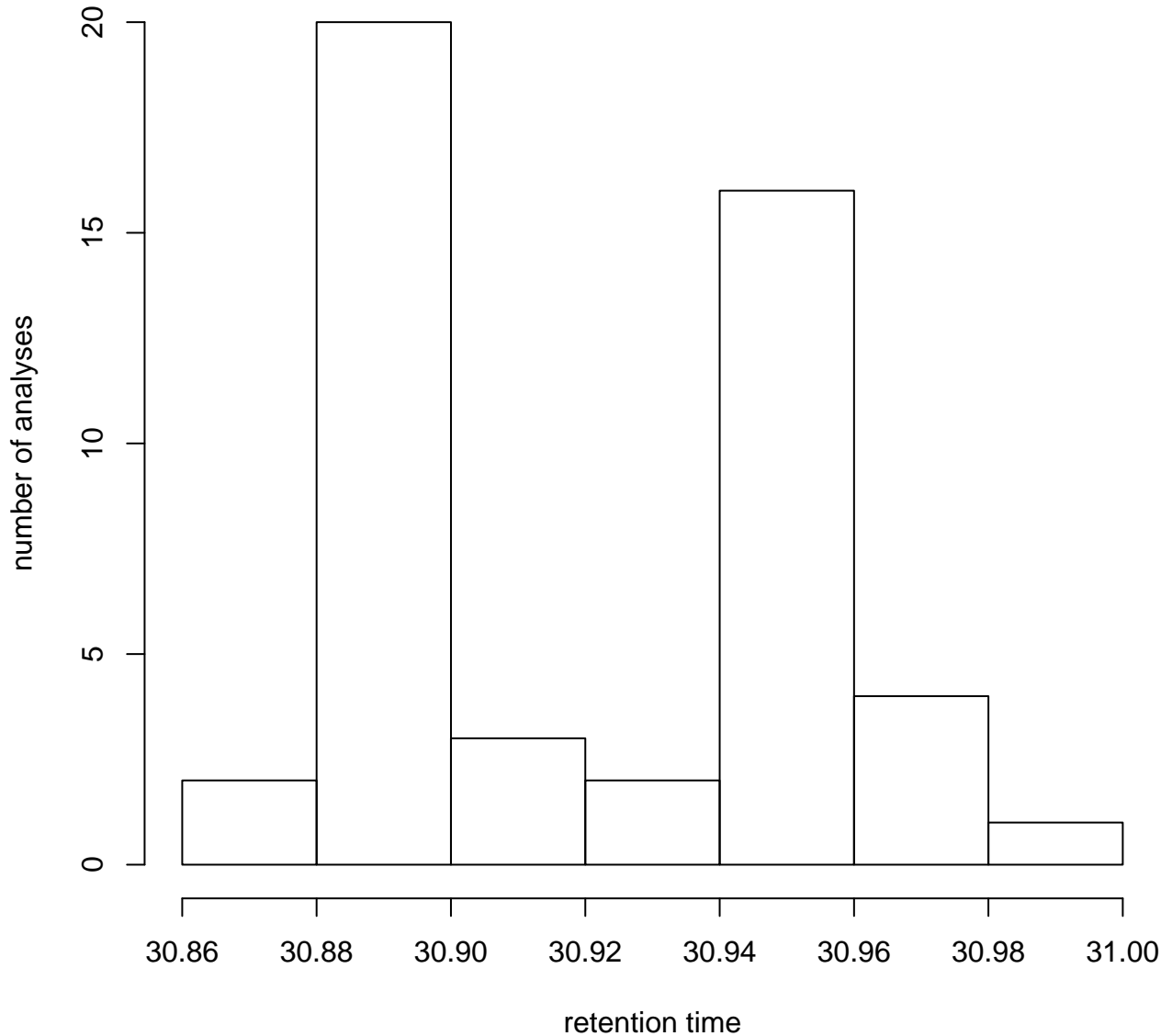
## Distribution of retention time for the cluster 79

mean retention time = 24.806 ; range of retention times = 0.078



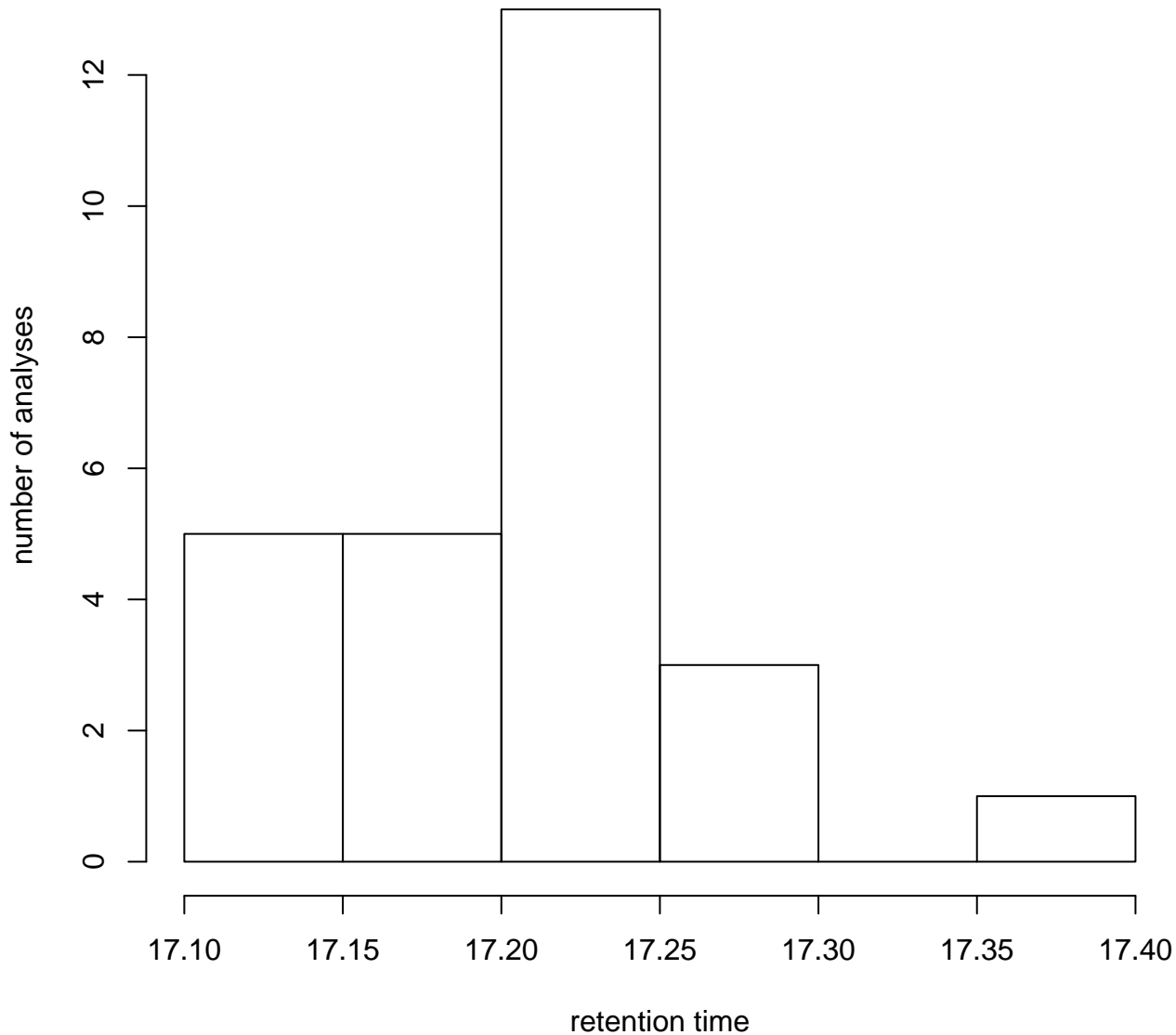
## Distribution of retention time for the cluster 80

mean retention time = 30.921 ; range of retention times = 0.121



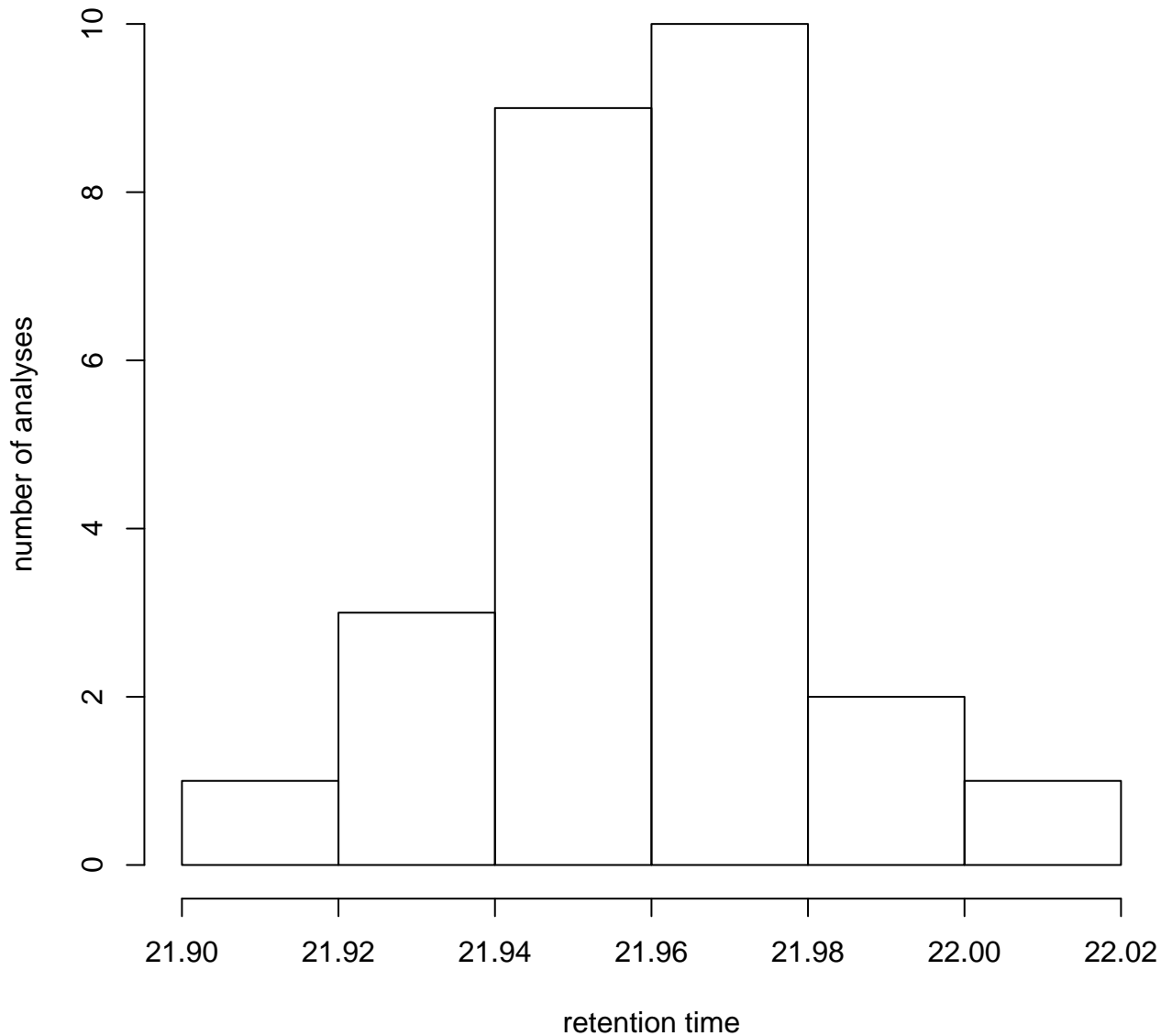
## Distribution of retention time for the cluster 81

mean retention time = 17.209 ; range of retention times = 0.223



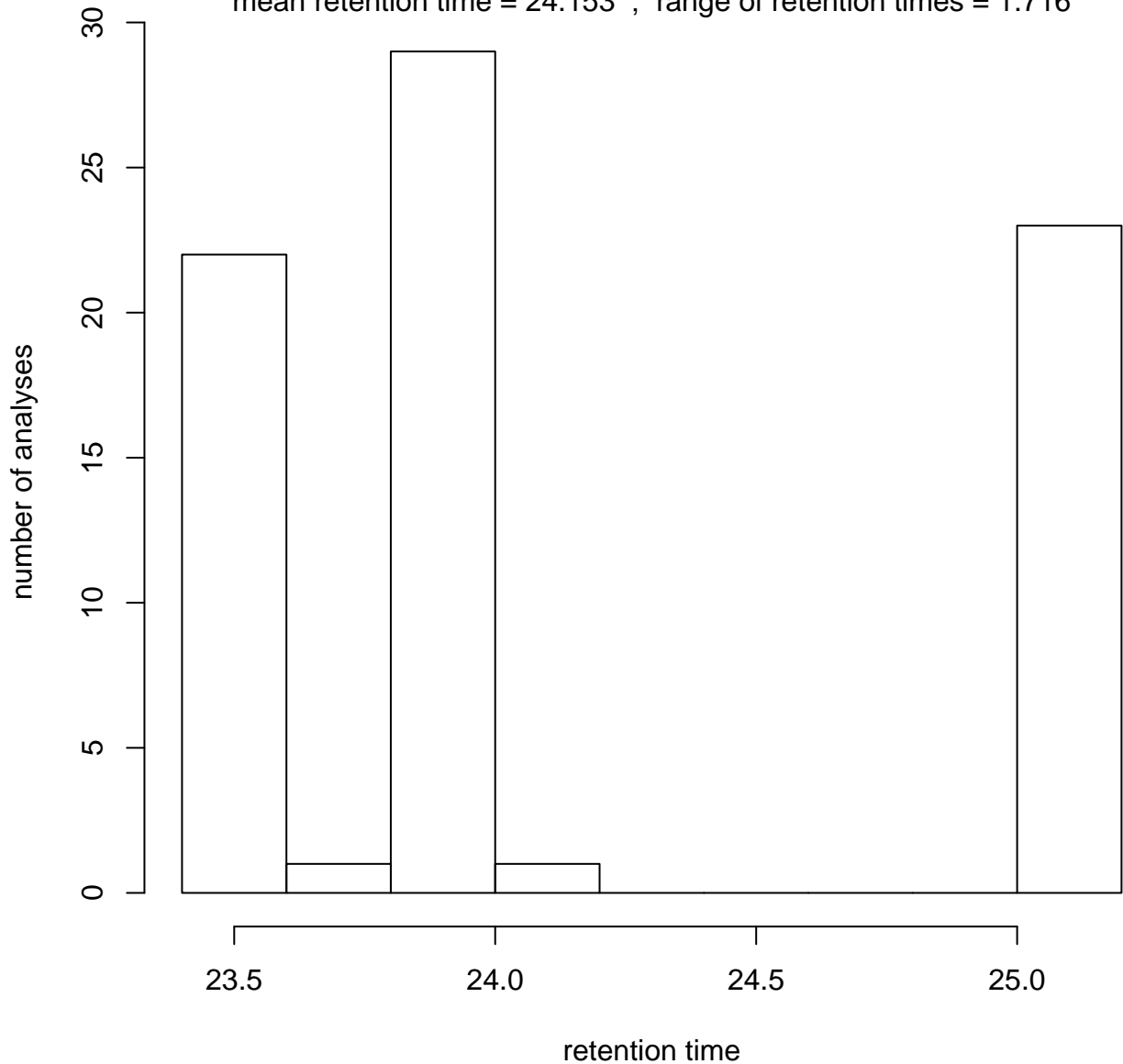
# Distribution of retention time for the cluster 83

mean retention time = 21.959 ; range of retention times = 0.094



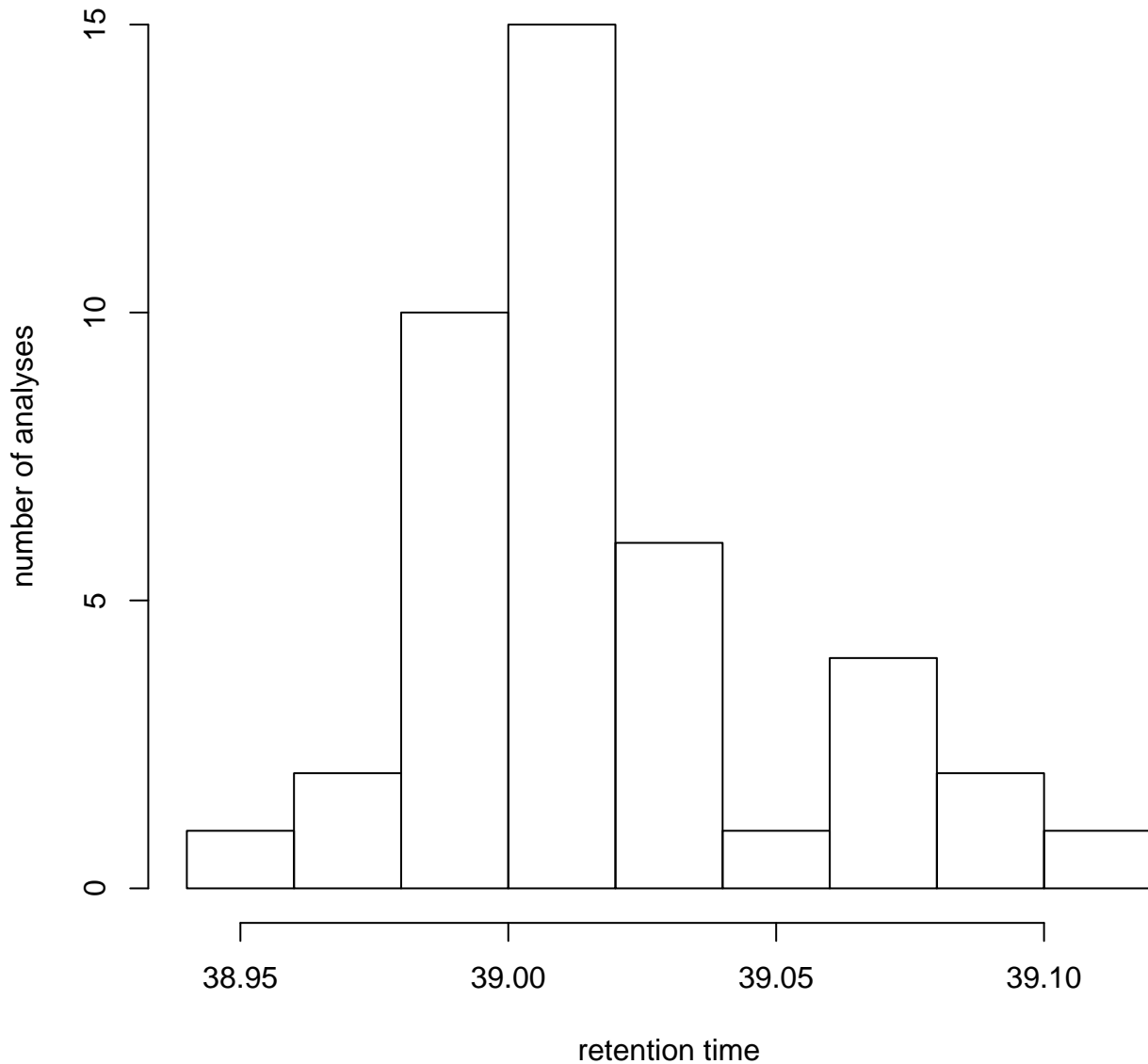
## Distribution of retention time for the cluster 84

mean retention time = 24.153 ; range of retention times = 1.716



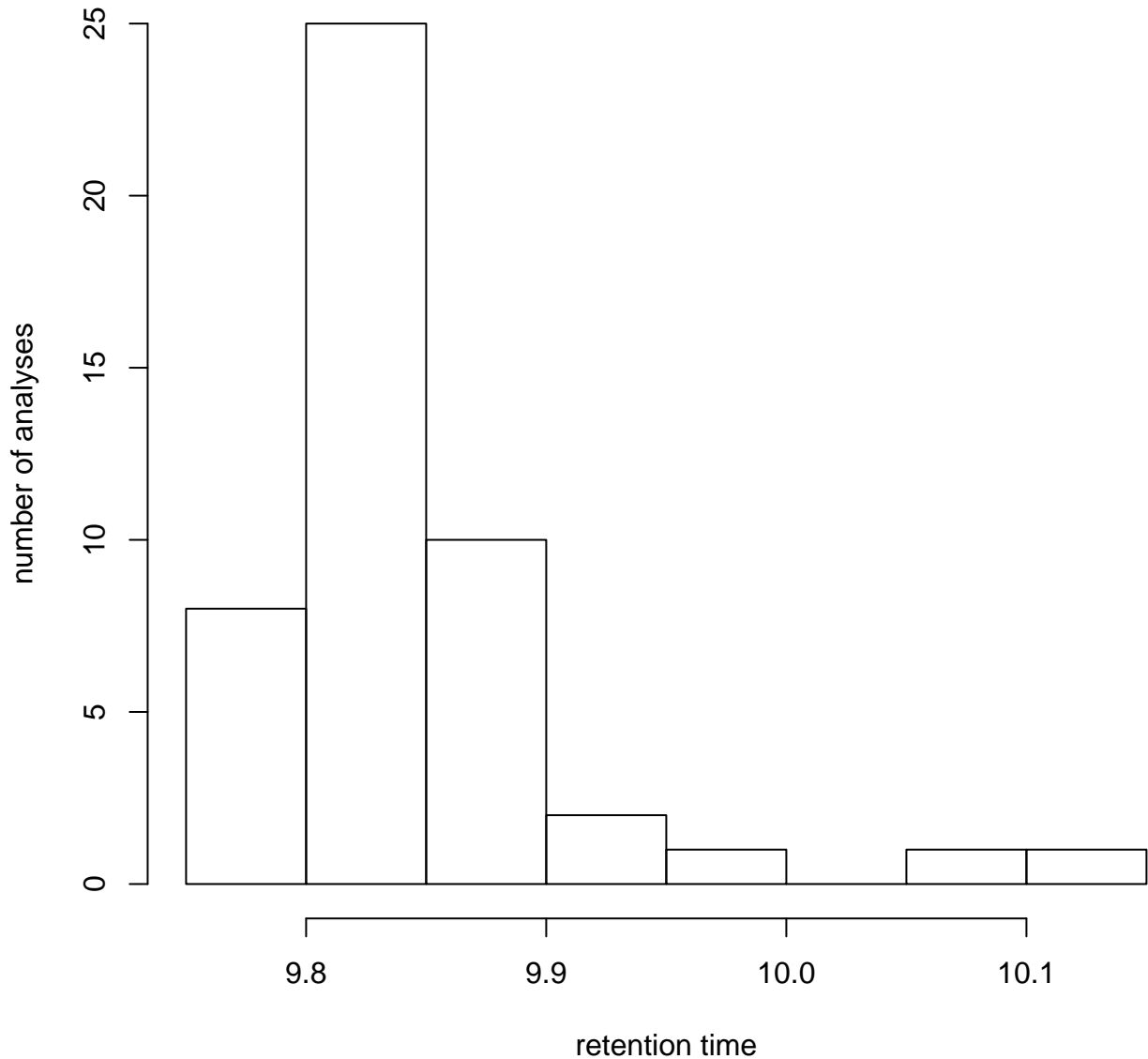
## Distribution of retention time for the cluster 87

mean retention time = 39.018 ; range of retention times = 0.153



## Distribution of retention time for the cluster 90

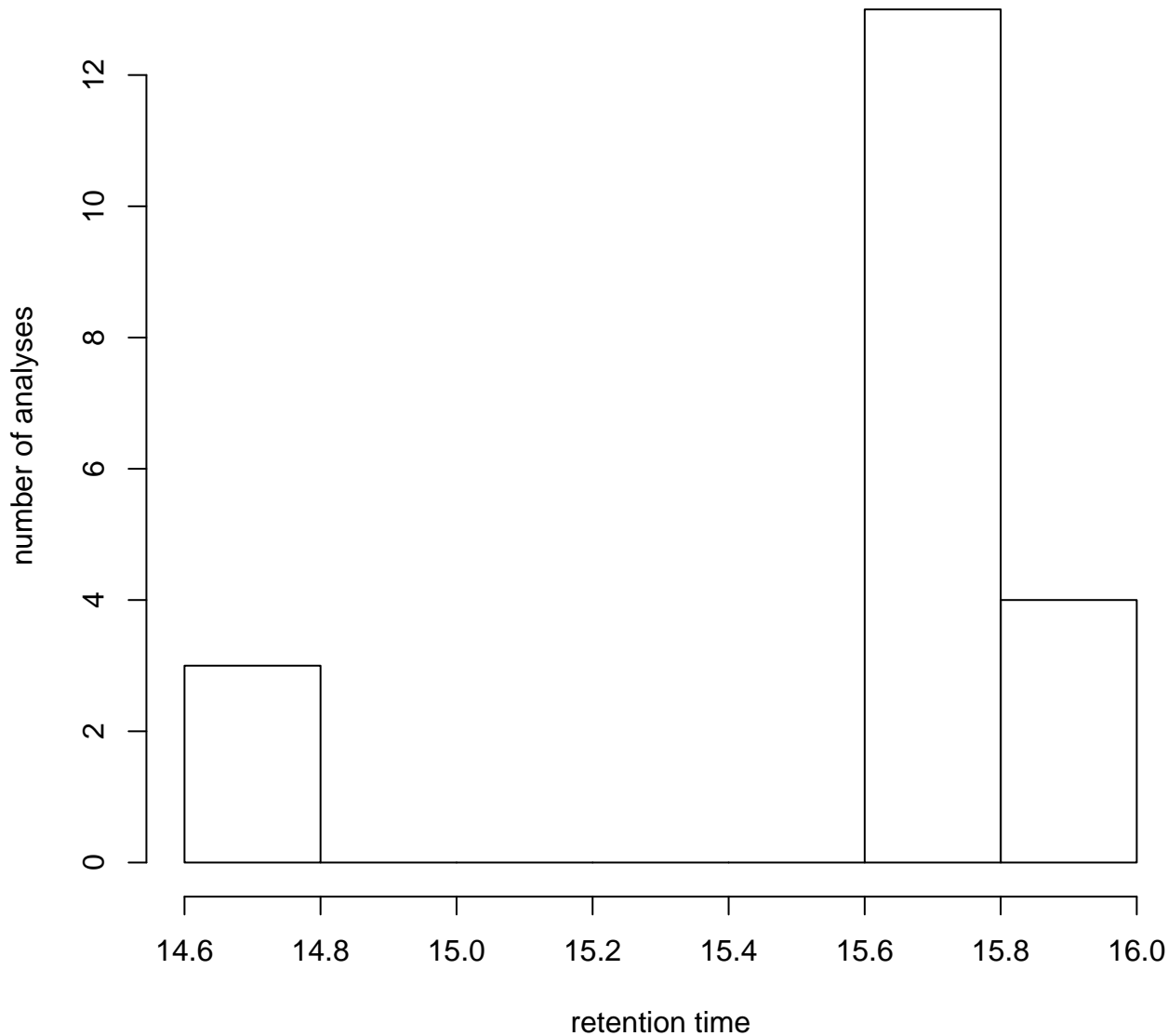
mean retention time = 9.847 ; range of retention times = 0.381





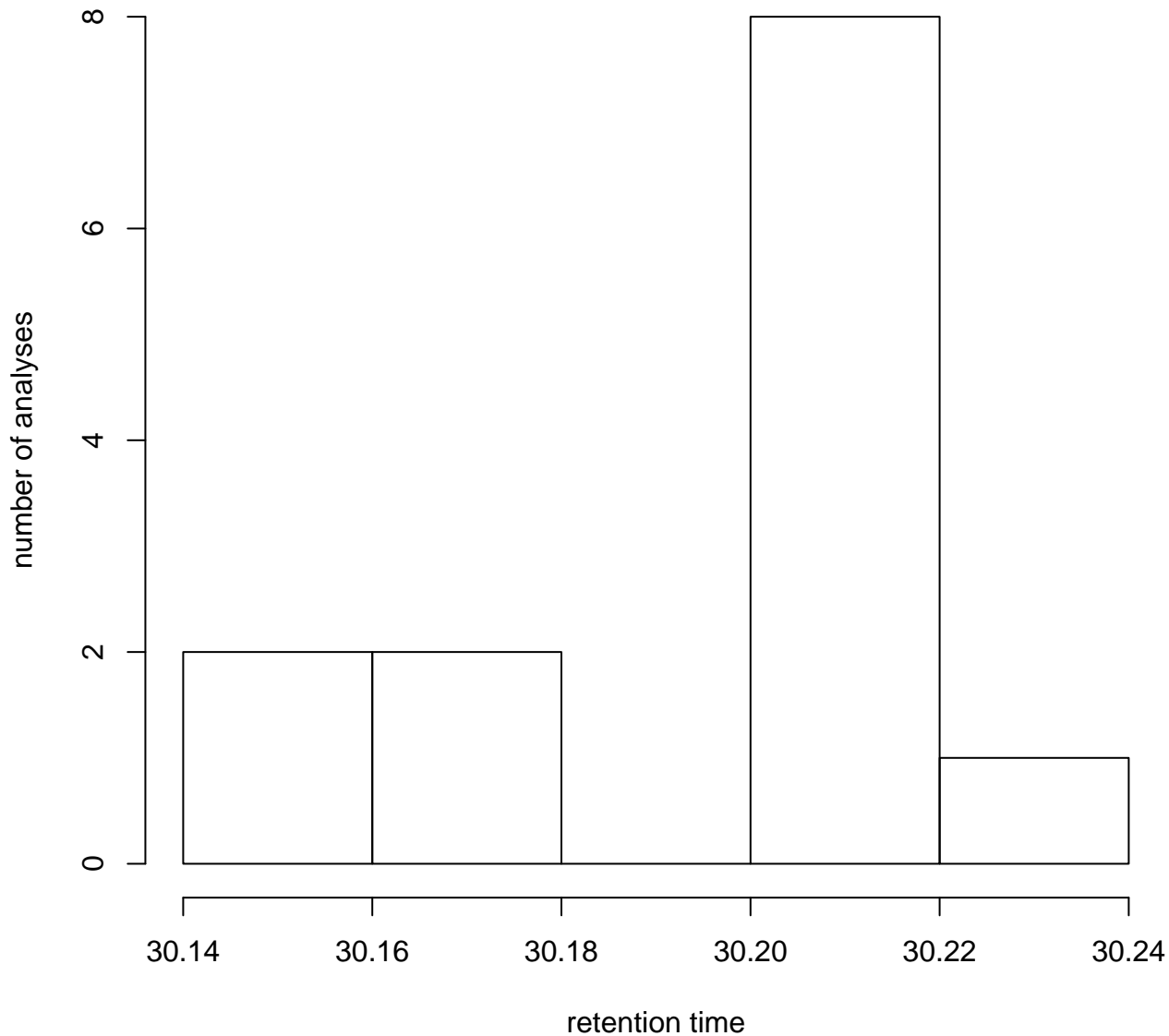
## Distribution of retention time for the cluster 91

mean retention time = 15.601 ; range of retention times = 1.35



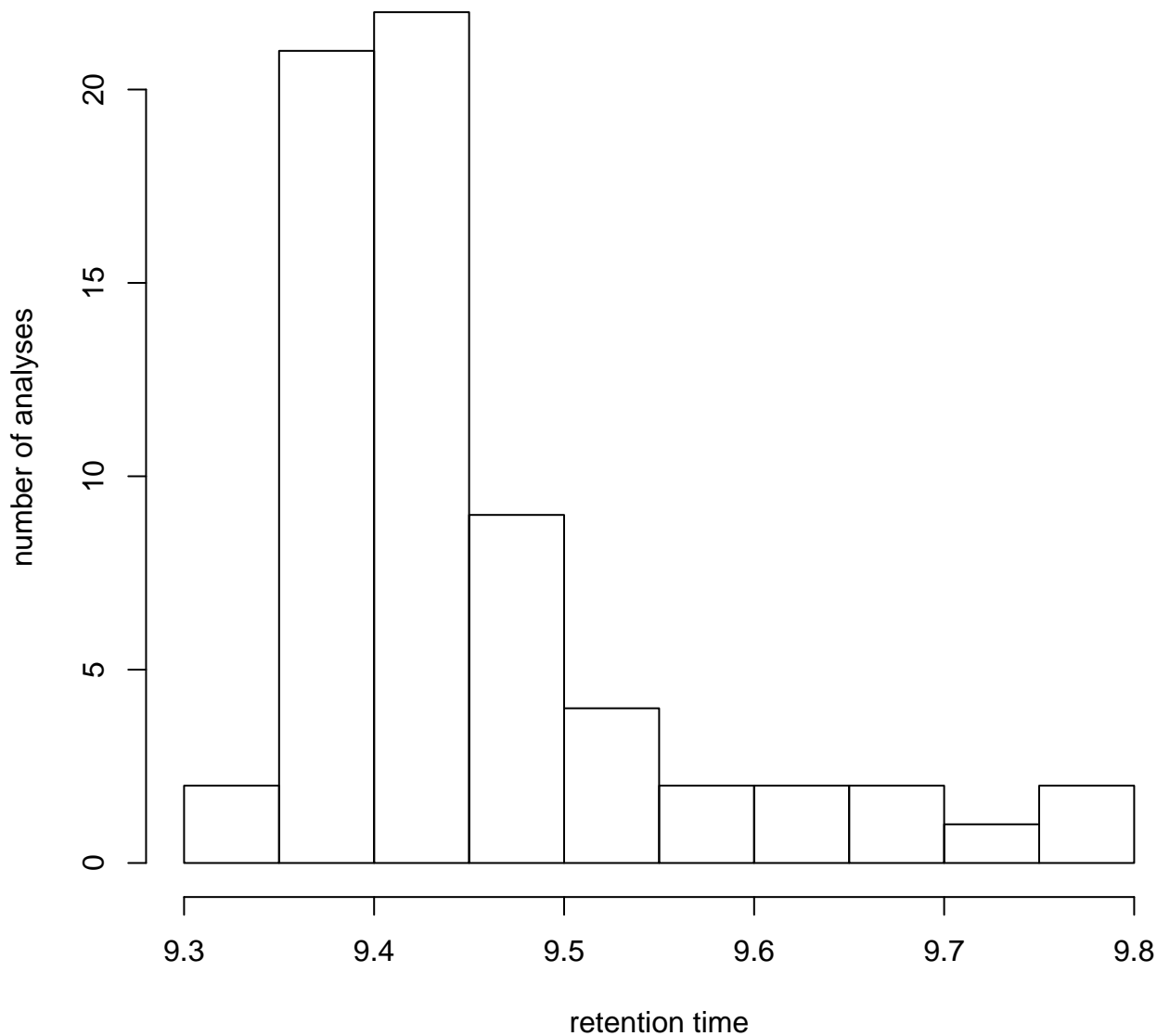
## Distribution of retention time for the cluster 93

mean retention time = 30.197 ; range of retention times = 0.085



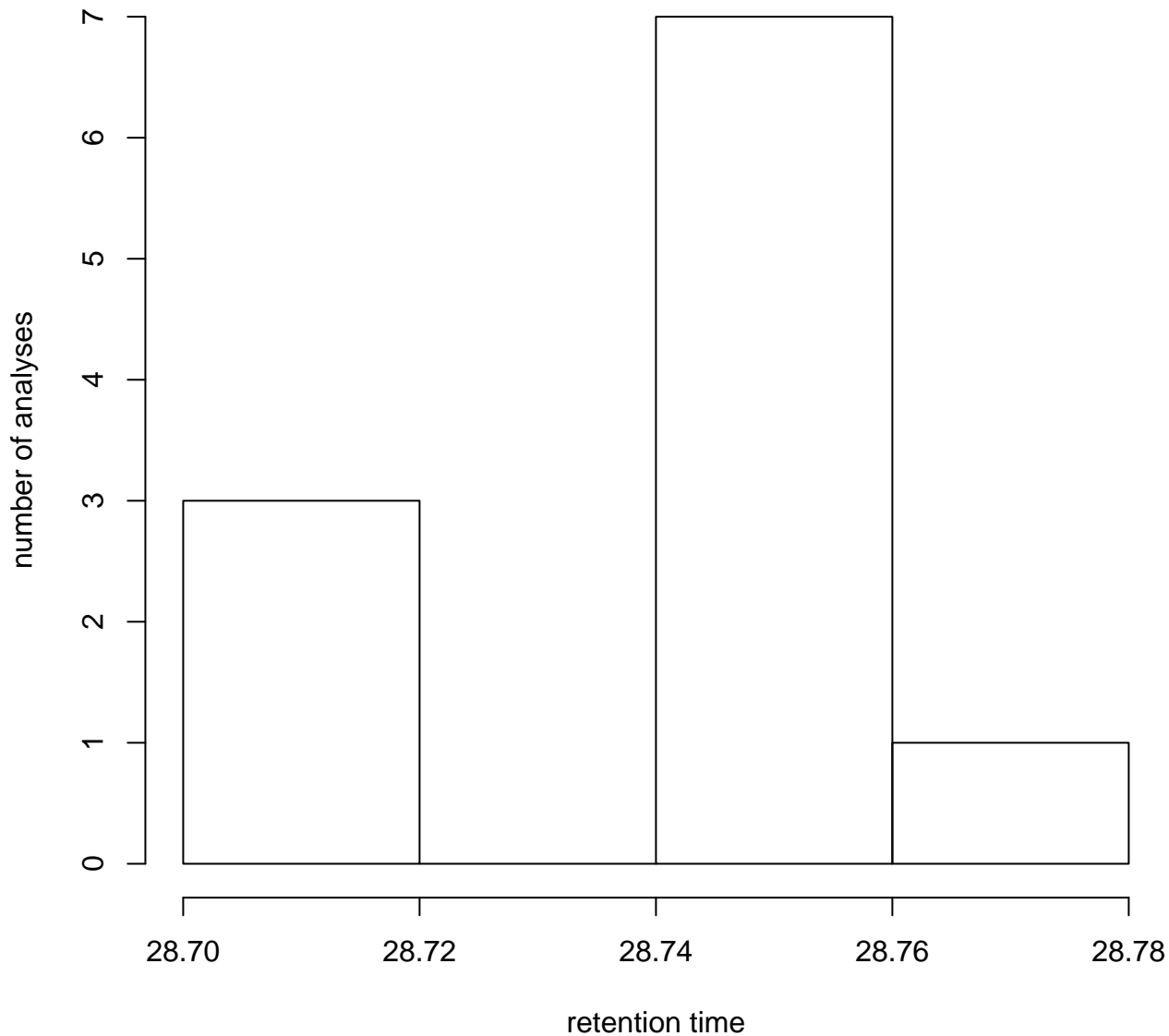
## Distribution of retention time for the cluster 97

mean retention time = 9.449 ; range of retention times = 0.426



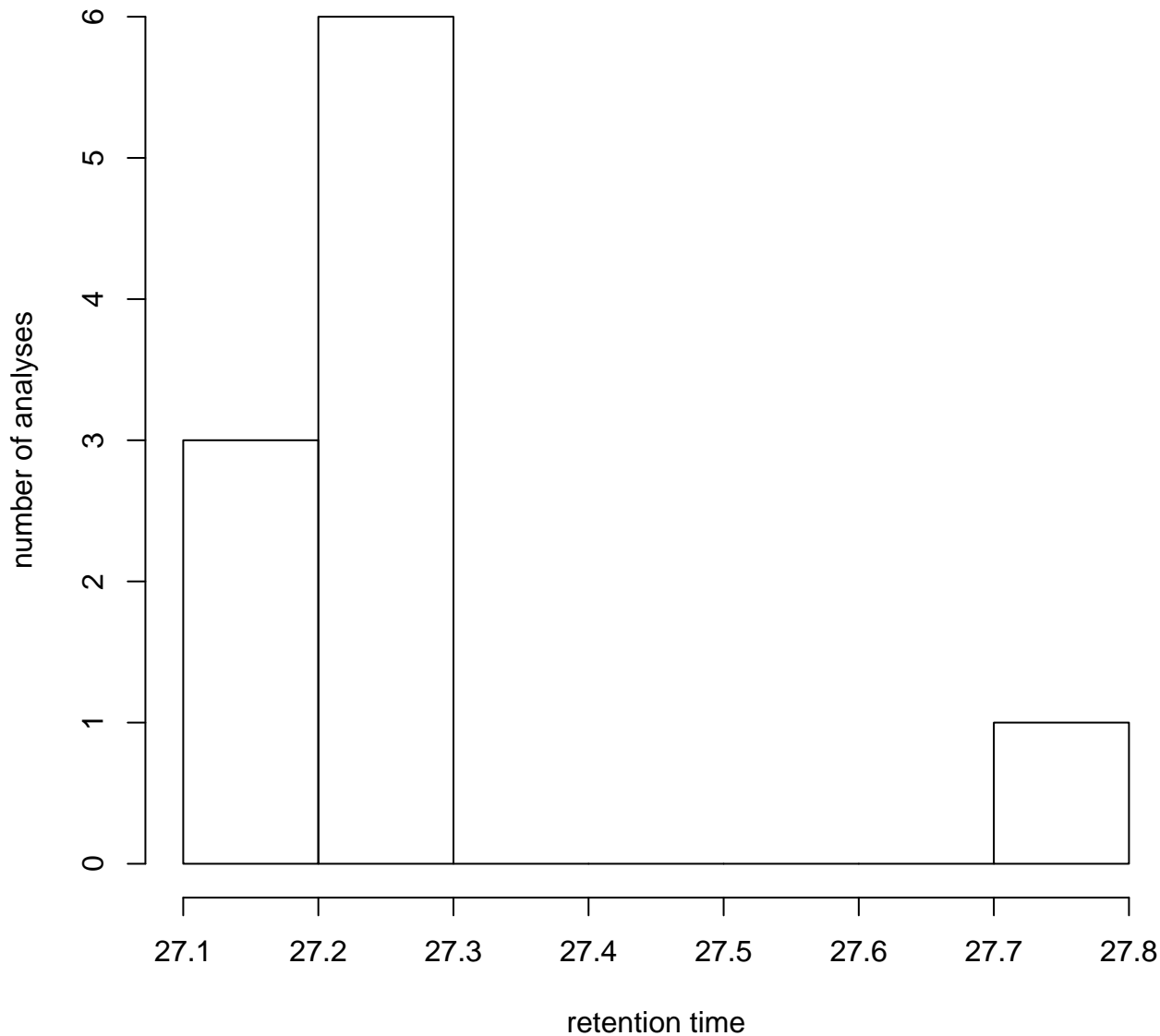
## Distribution of retention time for the cluster 102

mean retention time = 28.746 ; range of retention times = 0.07



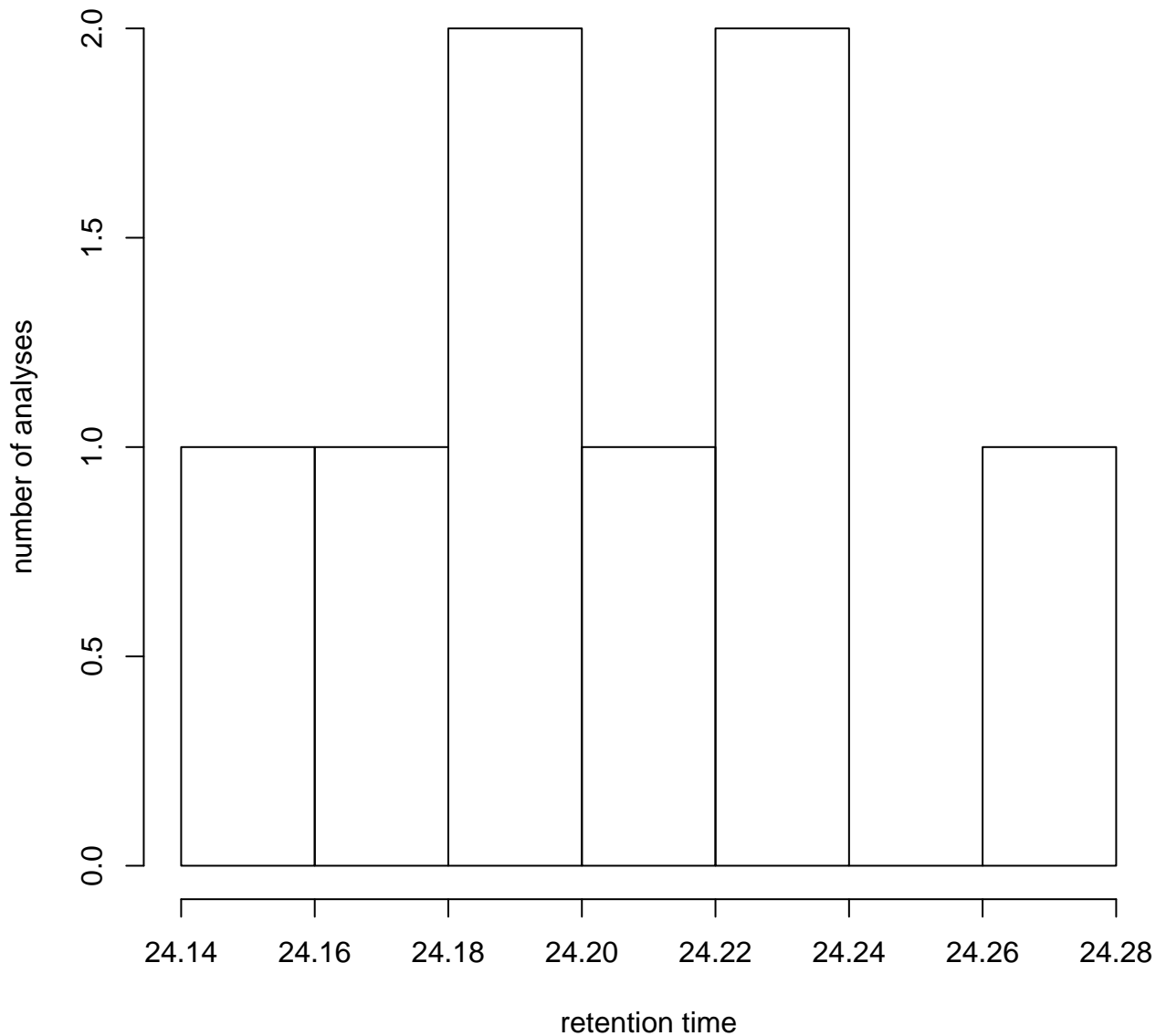
## Distribution of retention time for the cluster 105

mean retention time = 27.274 ; range of retention times = 0.639



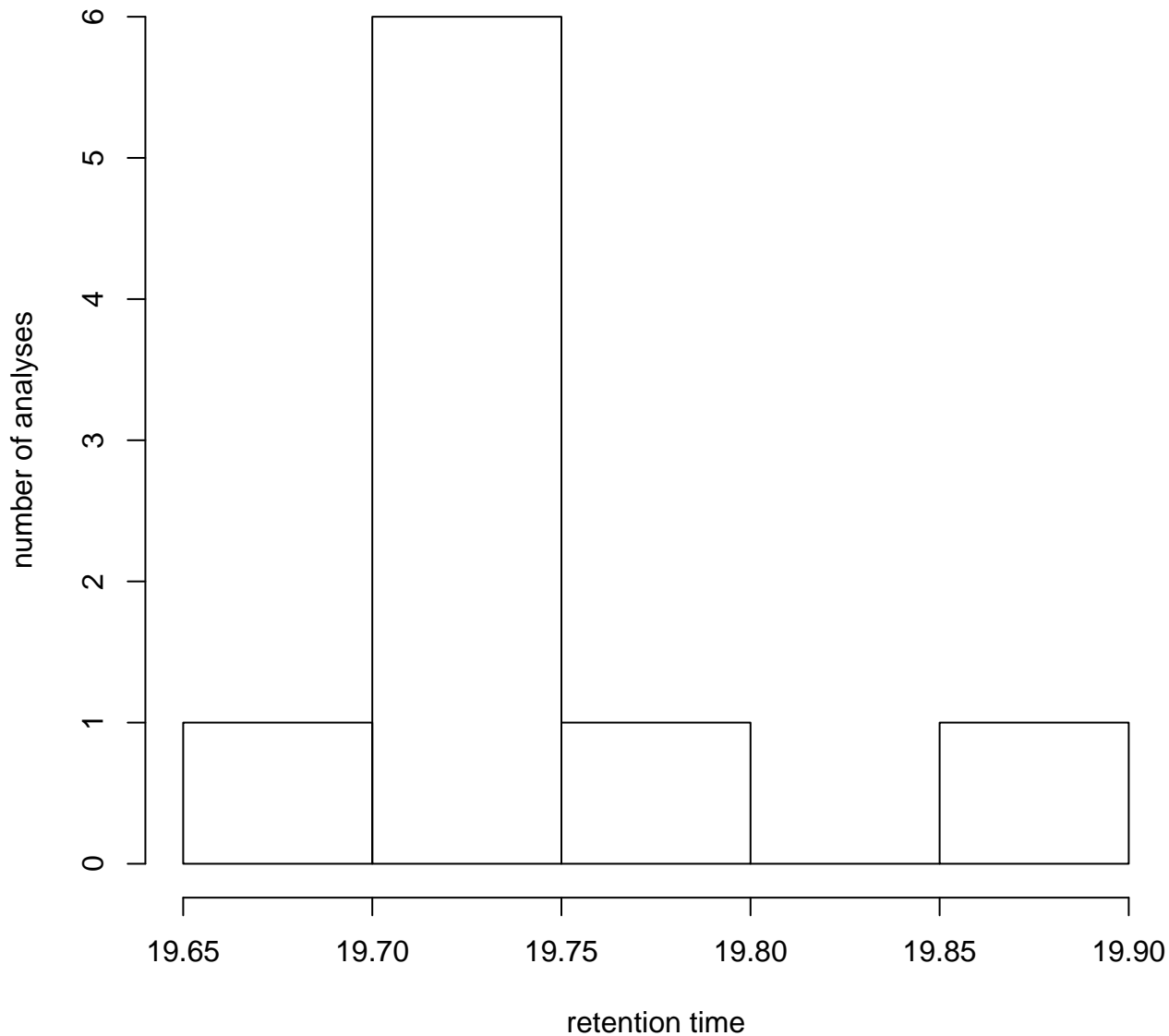
# Distribution of retention time for the cluster 107

mean retention time = 24.208 ; range of retention times = 0.11



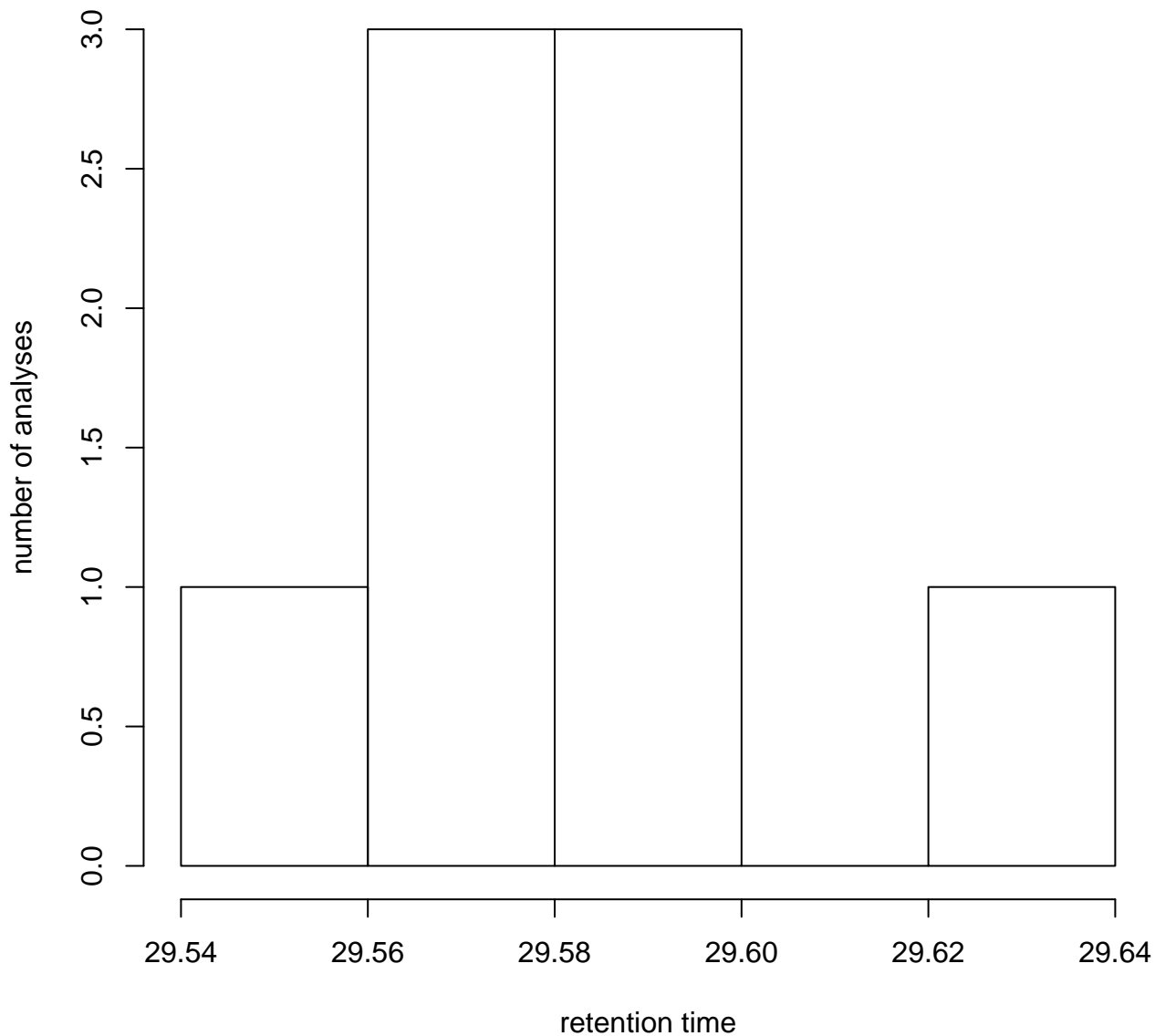
## Distribution of retention time for the cluster 108

mean retention time = 19.743 ; range of retention times = 0.162



## Distribution of retention time for the cluster 109

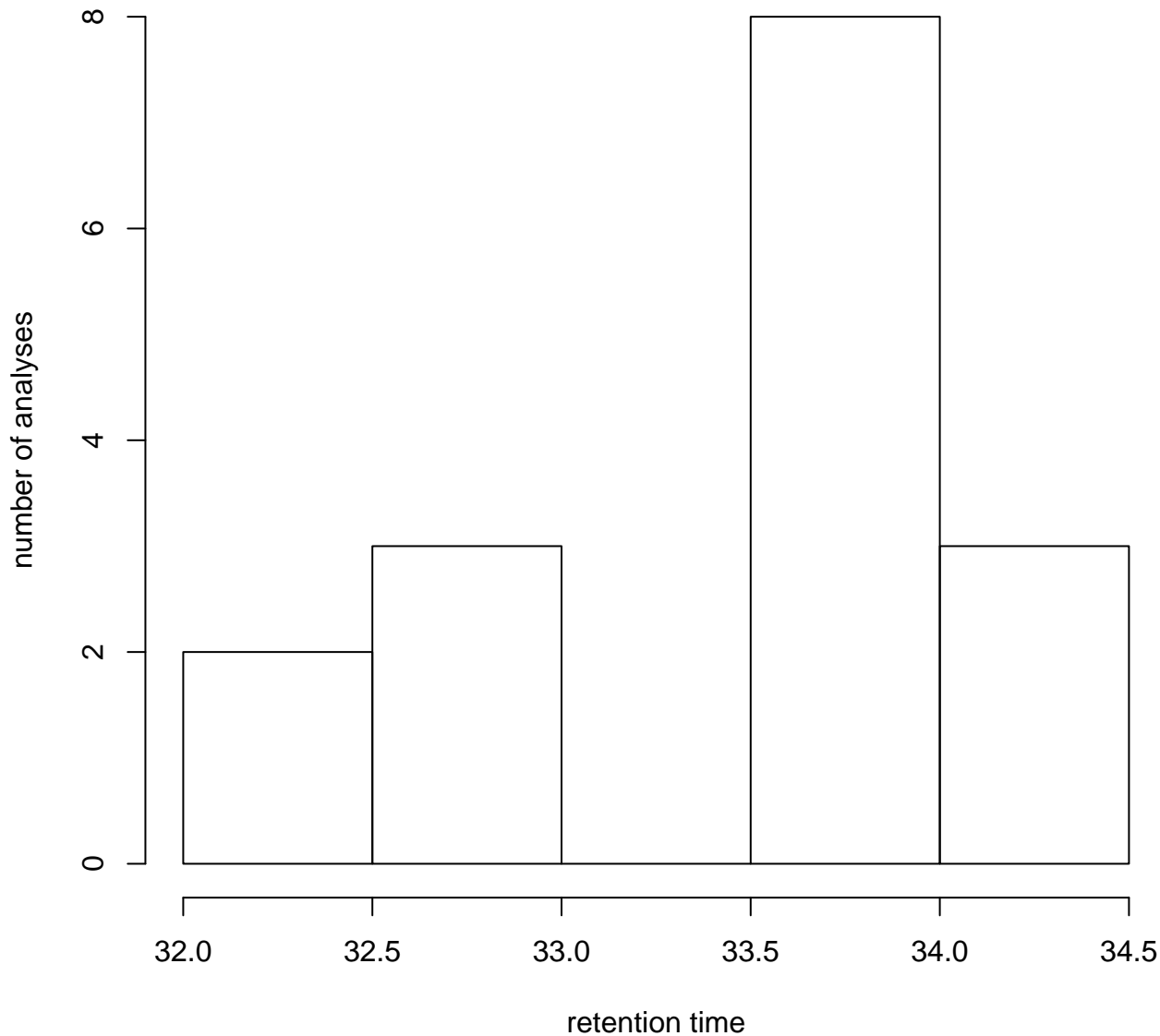
mean retention time = 29.588 ; range of retention times = 0.088





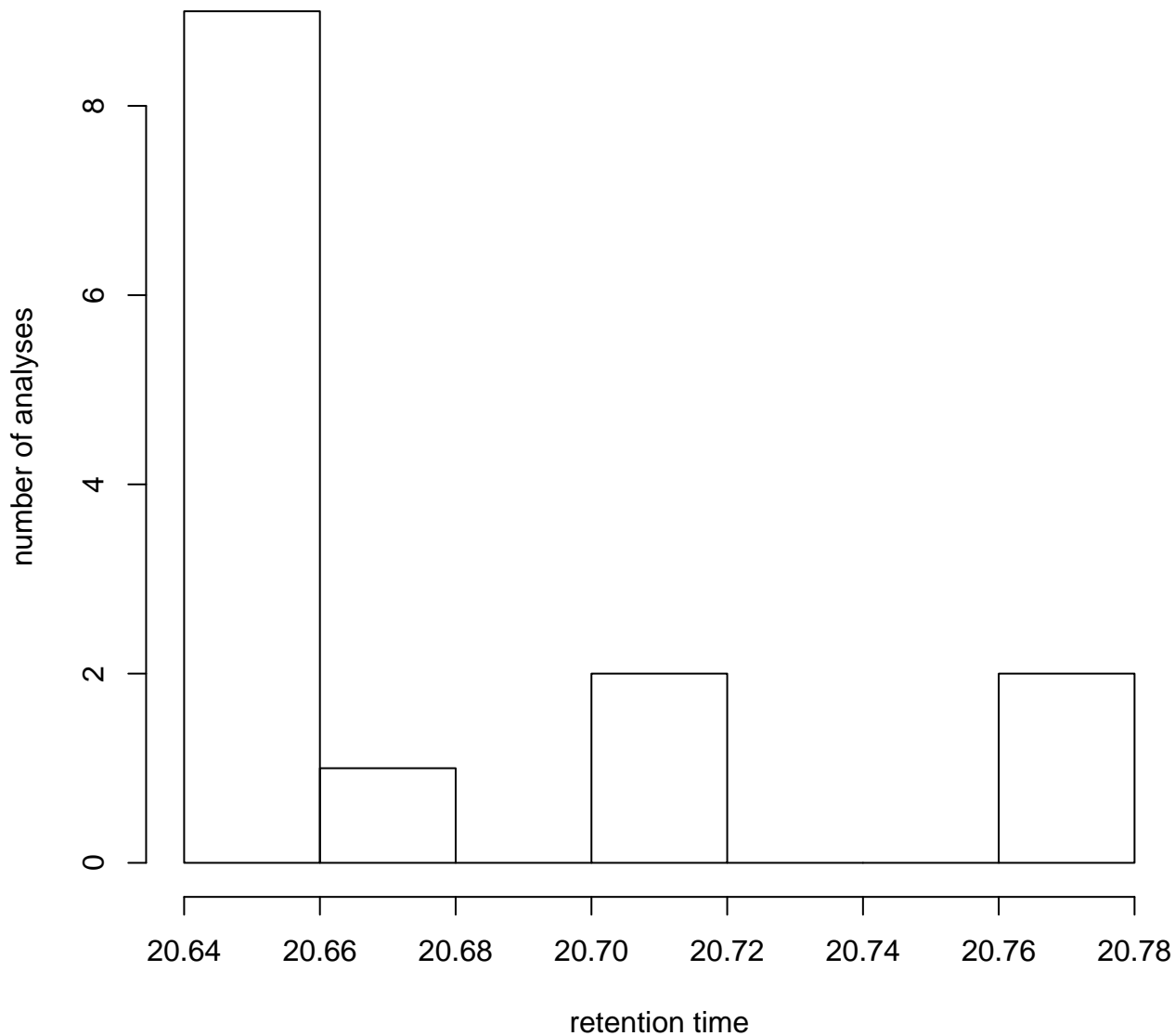
## Distribution of retention time for the cluster 110

mean retention time = 33.521 ; range of retention times = 1.54



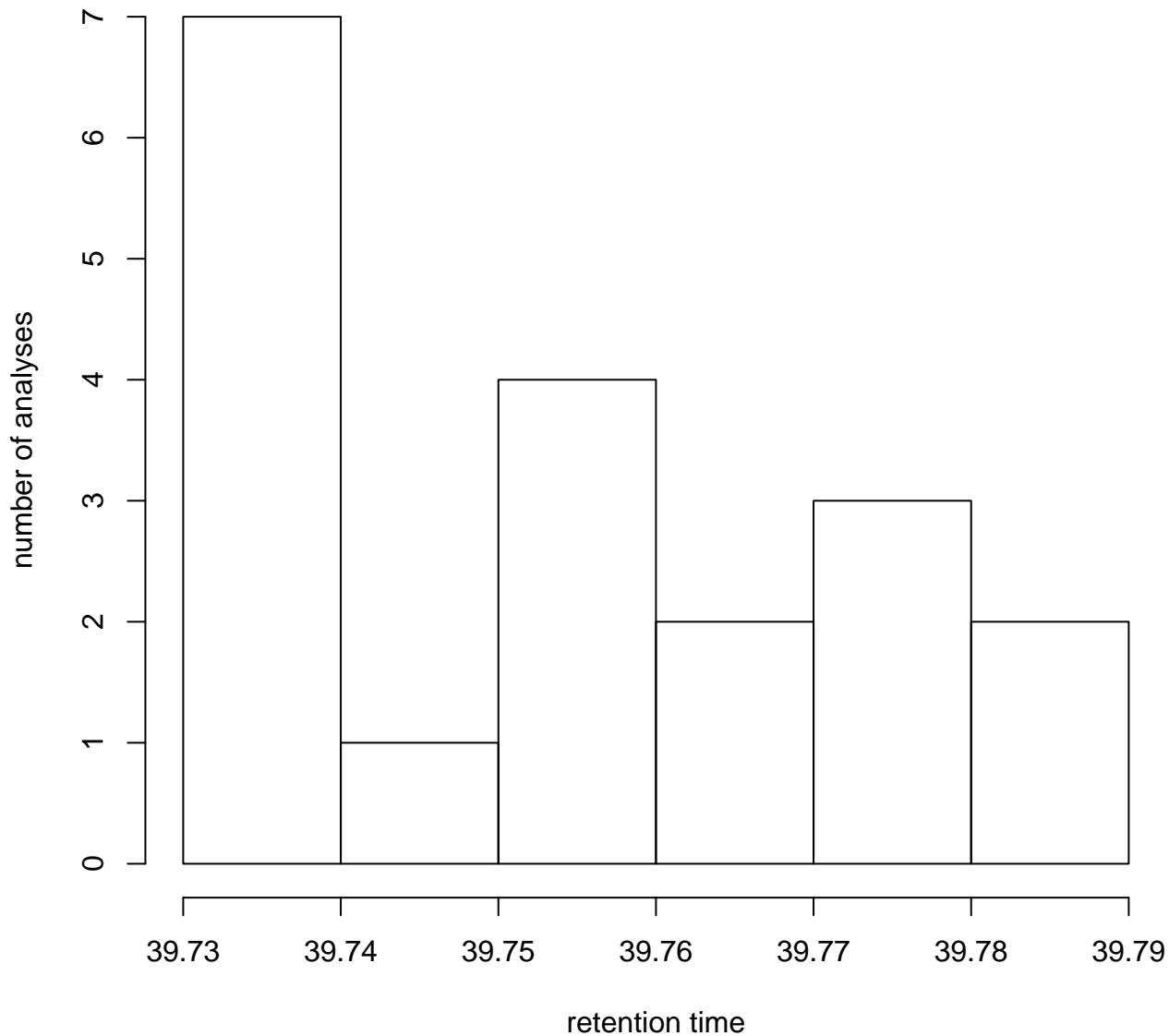
## Distribution of retention time for the cluster 112

mean retention time = 20.68 ; range of retention times = 0.126



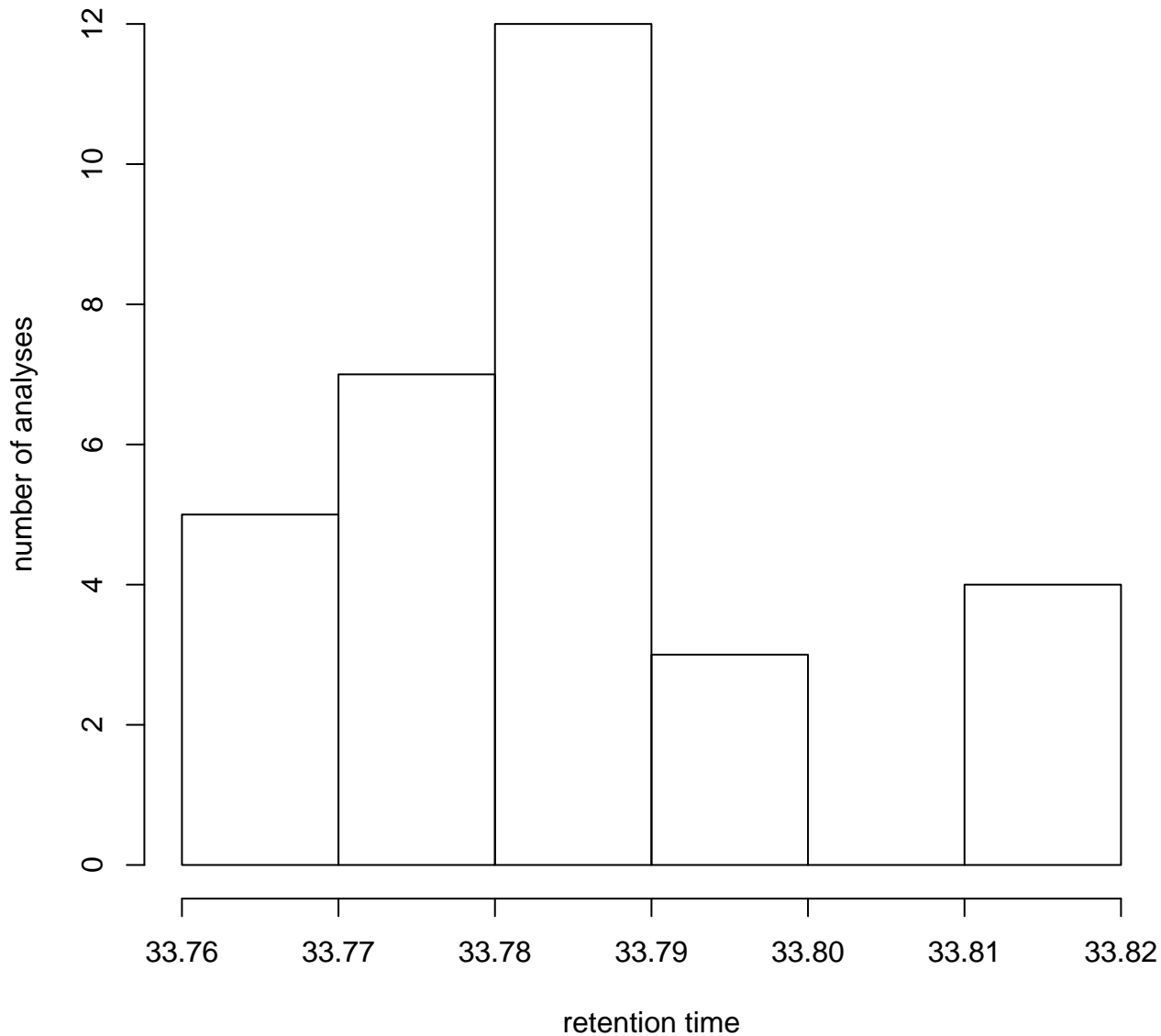
## Distribution of retention time for the cluster 117

mean retention time = 39.755 ; range of retention times = 0.056



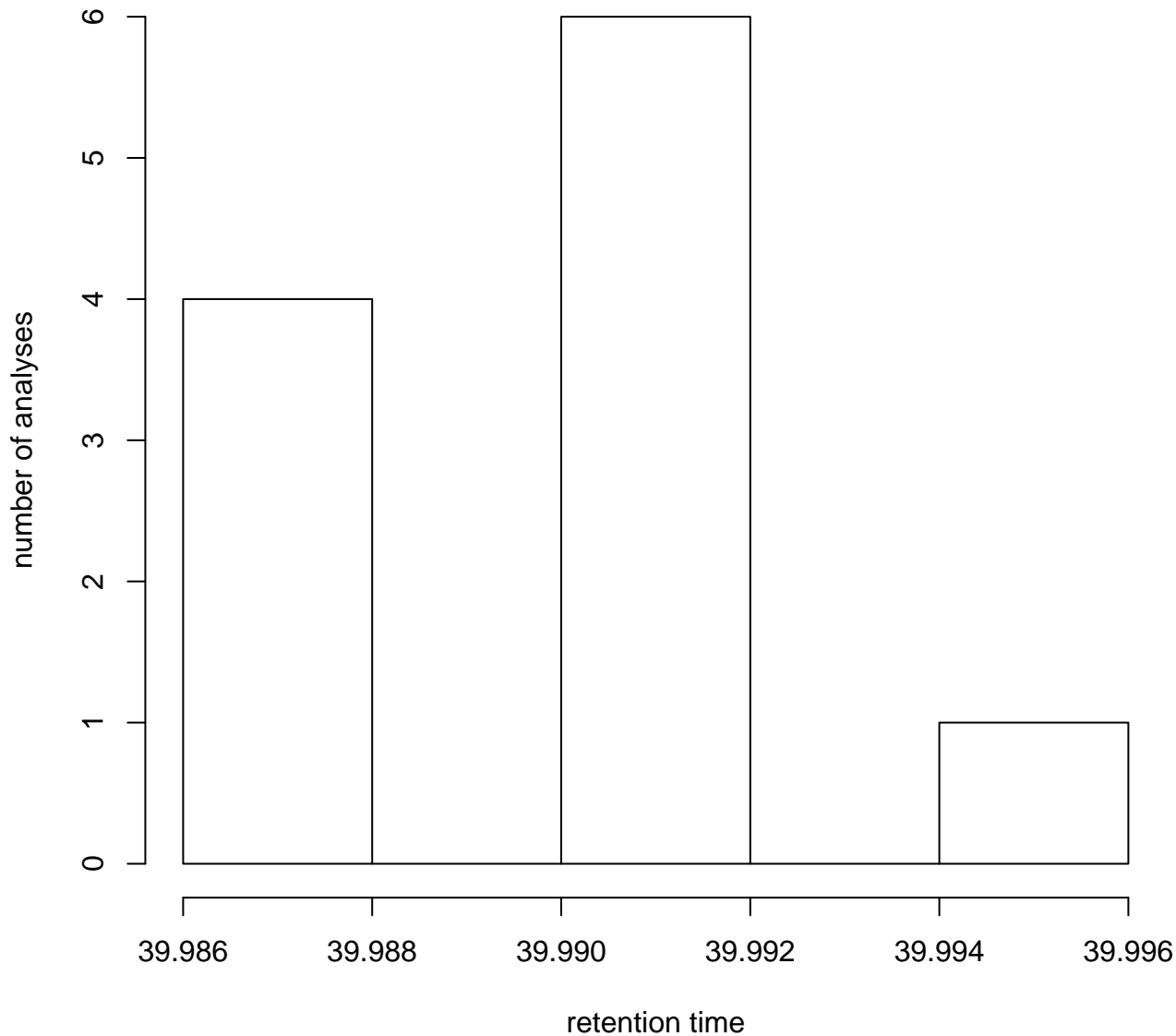
## Distribution of retention time for the cluster 120

mean retention time = 33.785 ; range of retention times = 0.055



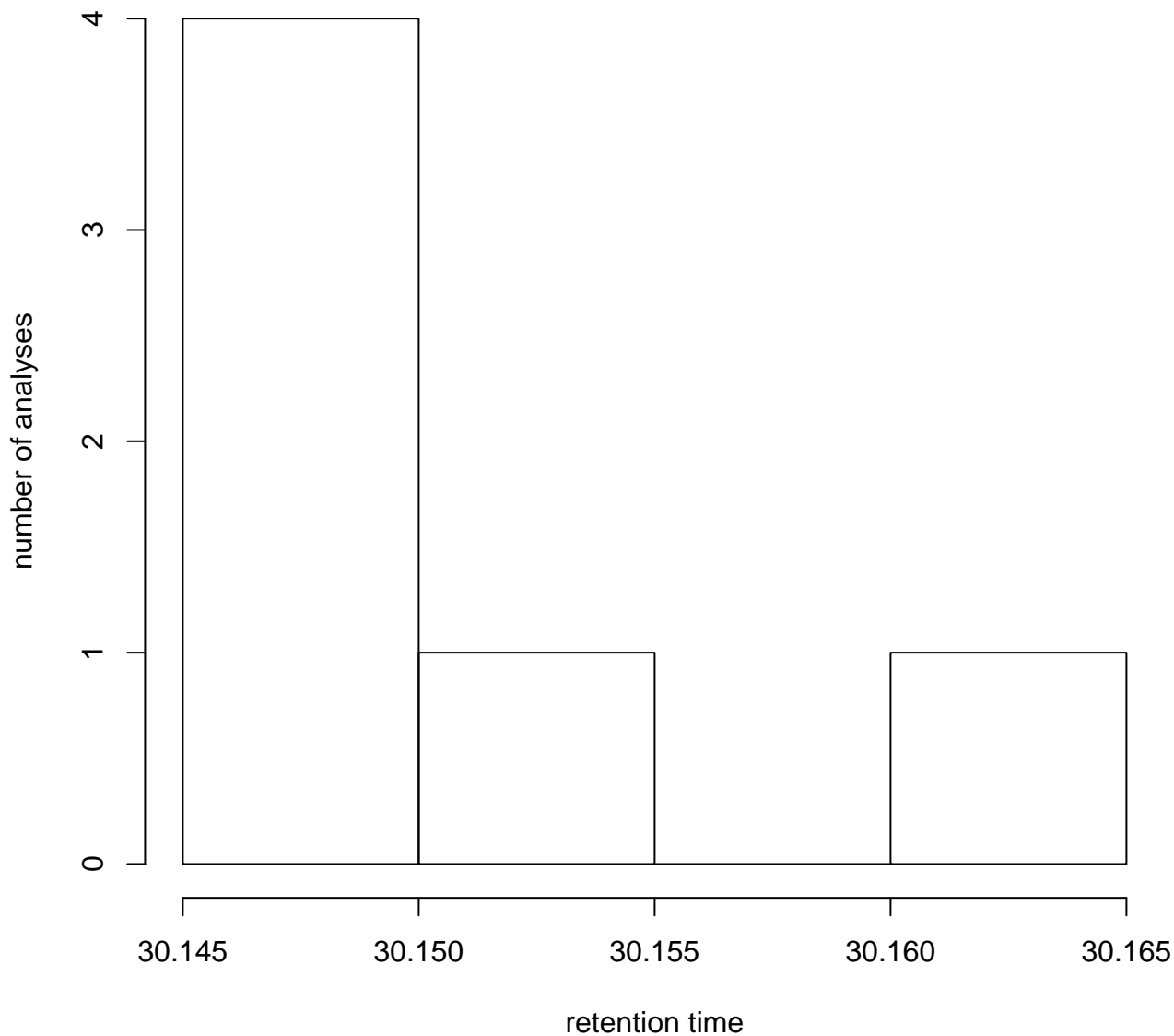
## Distribution of retention time for the cluster 124

mean retention time = 39.99 ; range of retention times = 0.008



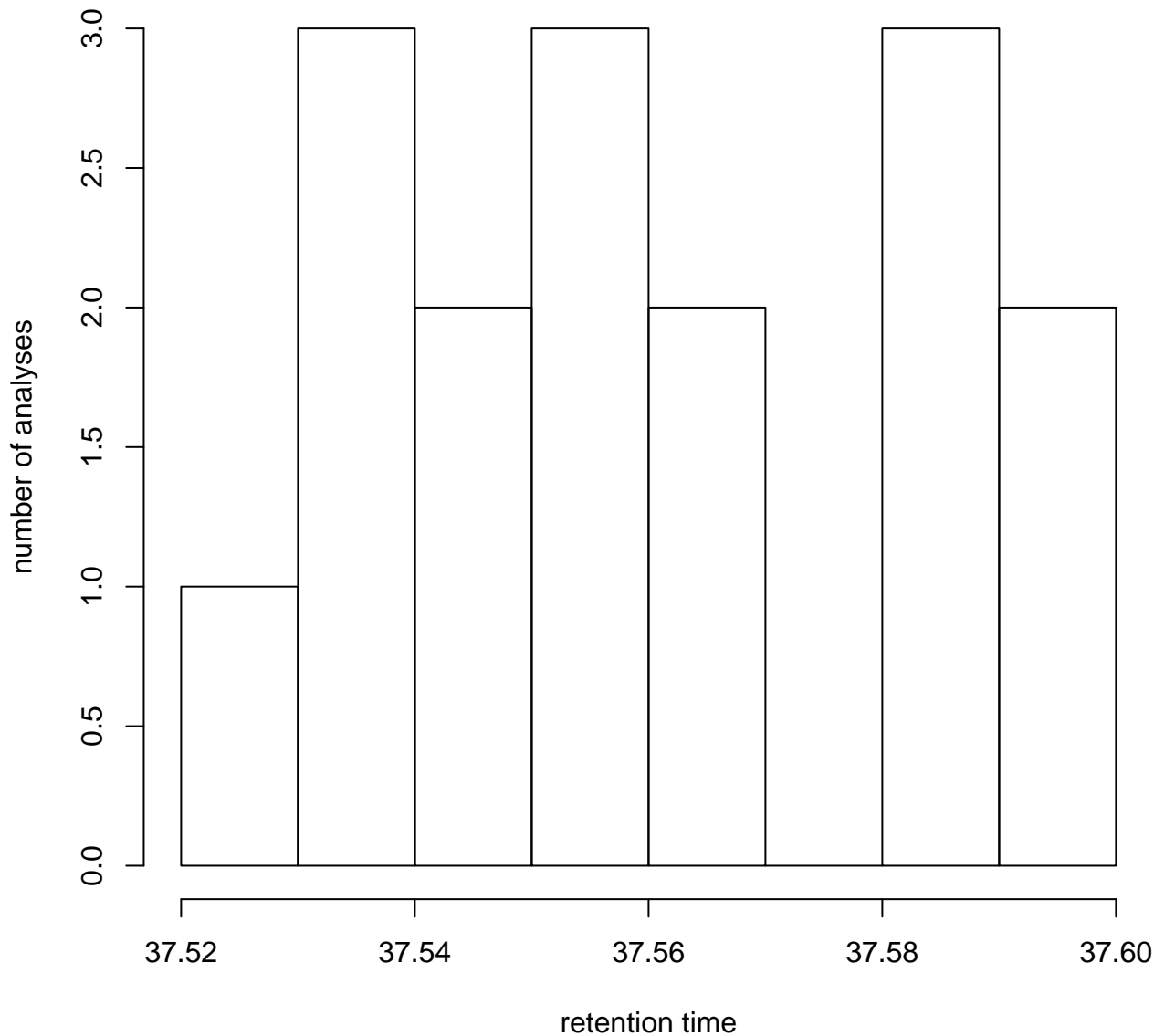
## Distribution of retention time for the cluster 126

mean retention time = 30.152 ; range of retention times = 0.018



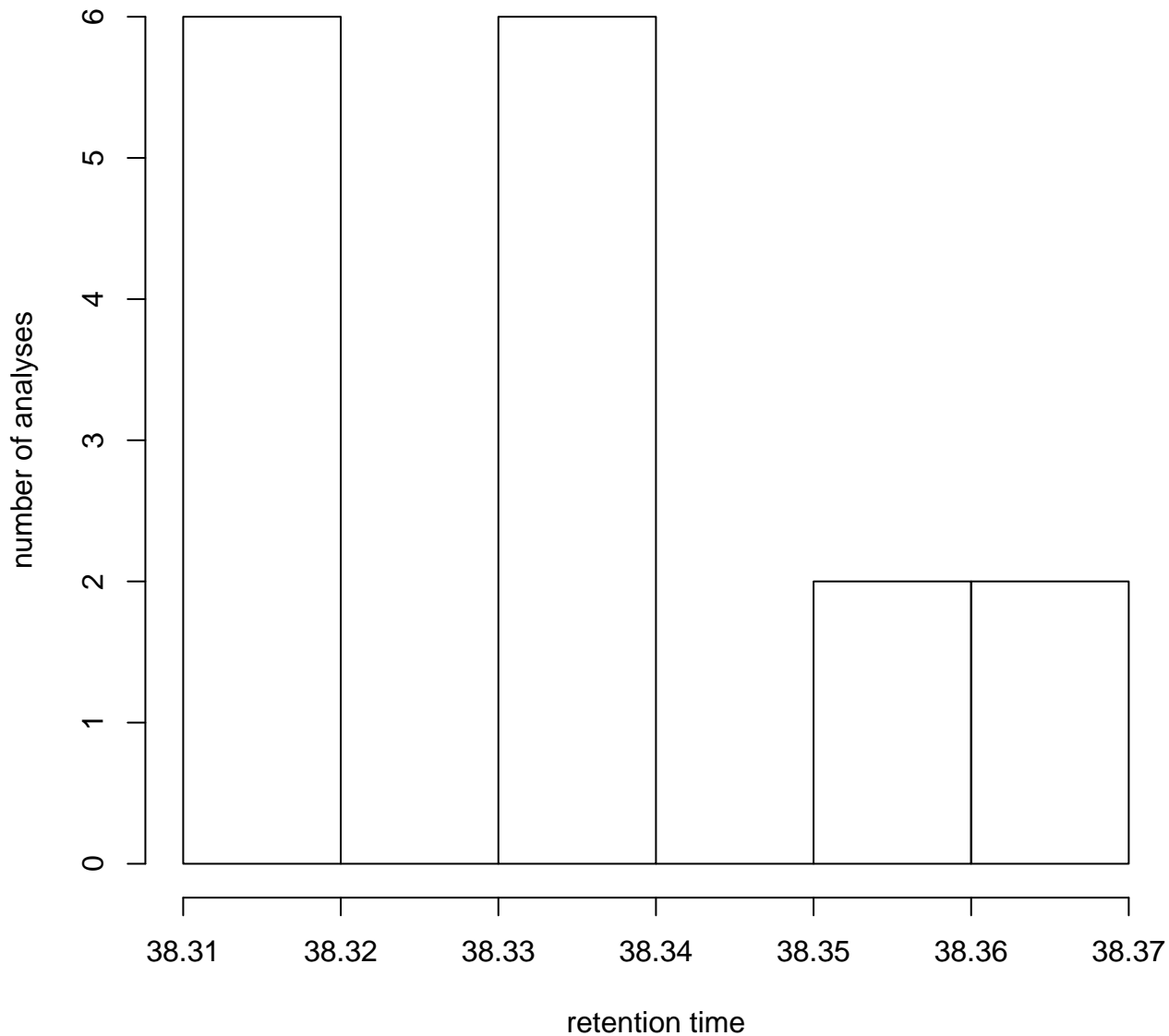
# Distribution of retention time for the cluster 127

mean retention time = 37.56 ; range of retention times = 0.07



## Distribution of retention time for the cluster 128

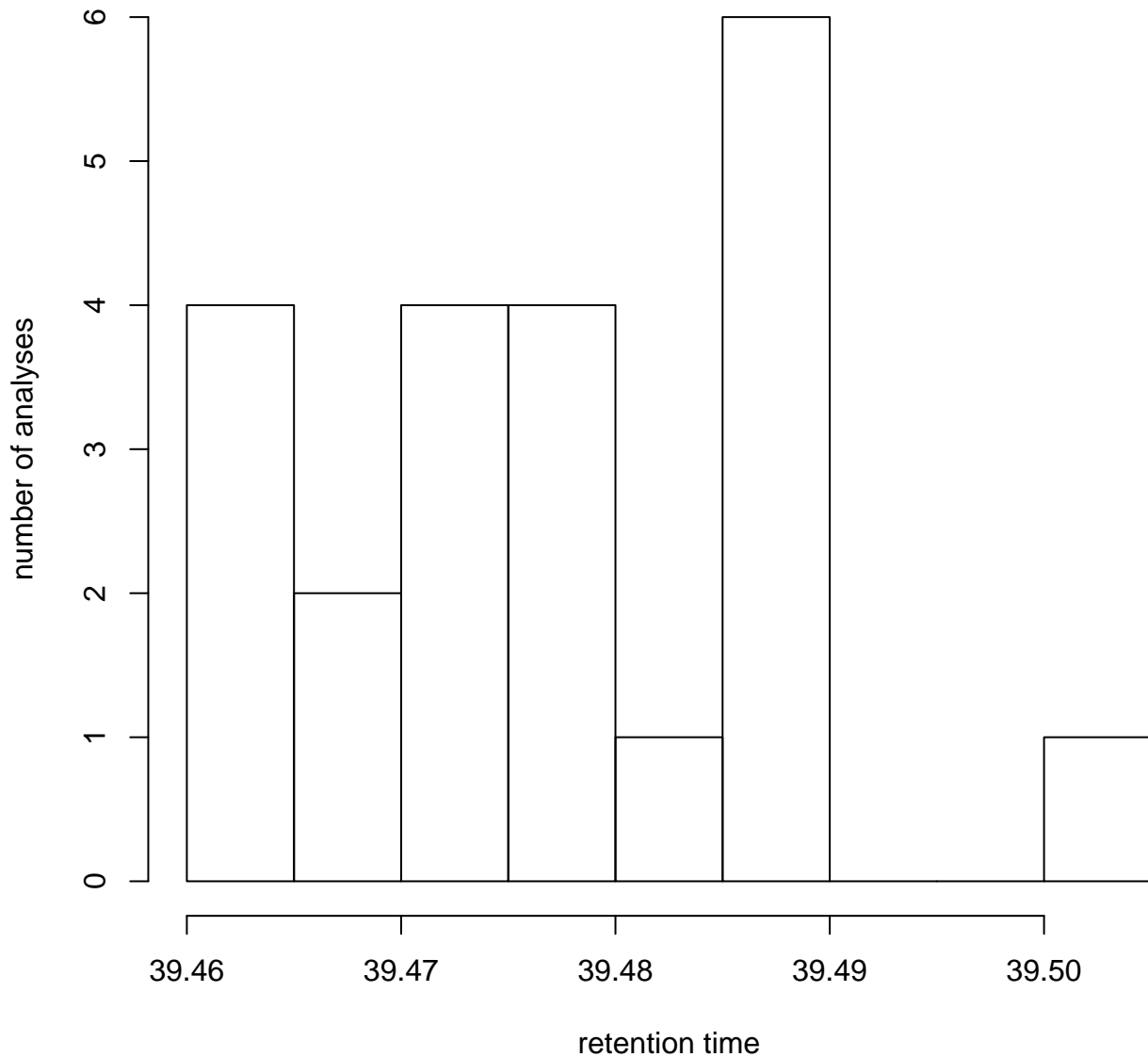
mean retention time = 38.335 ; range of retention times = 0.052





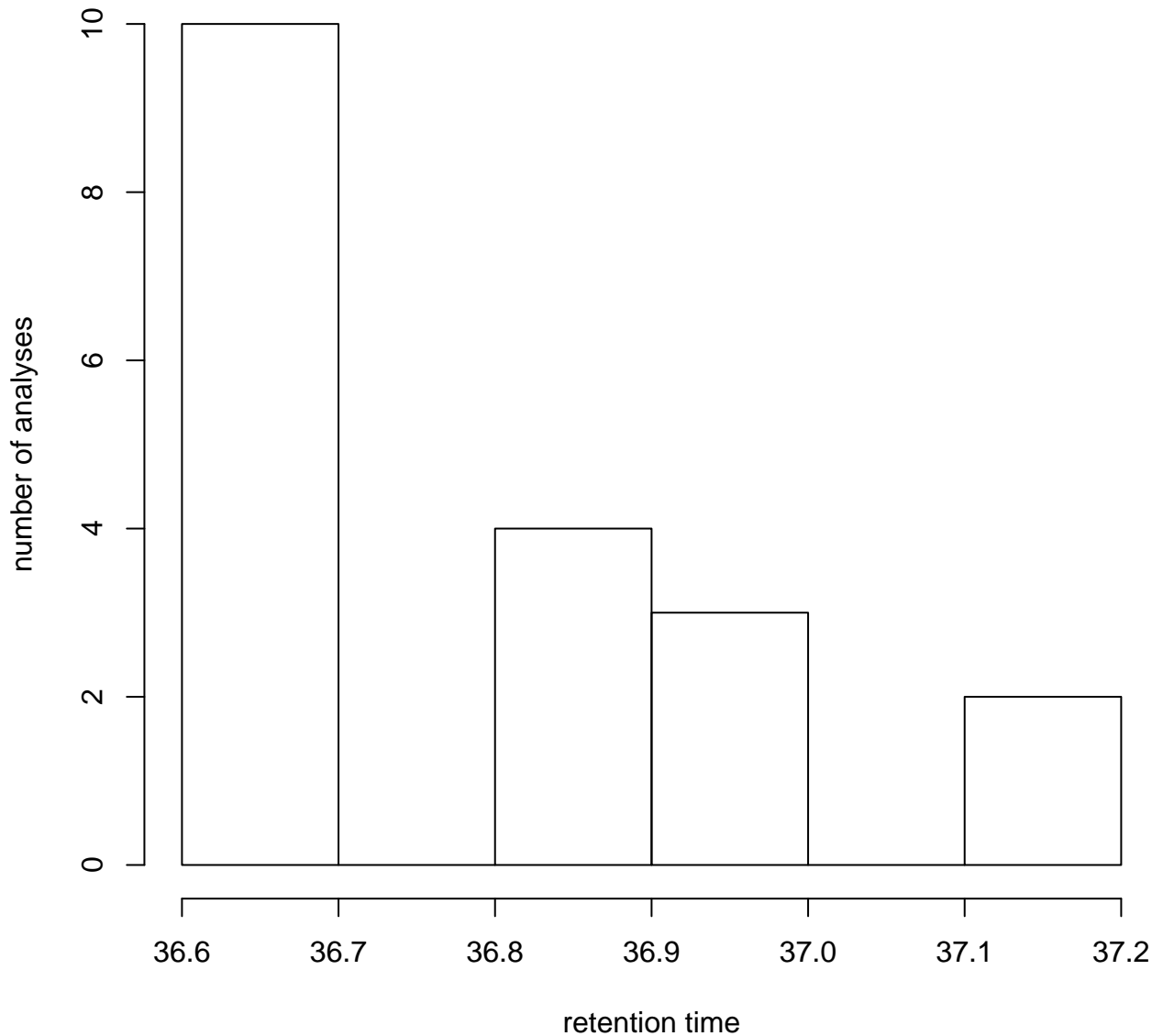
## Distribution of retention time for the cluster 129

mean retention time = 39.477 ; range of retention times = 0.042



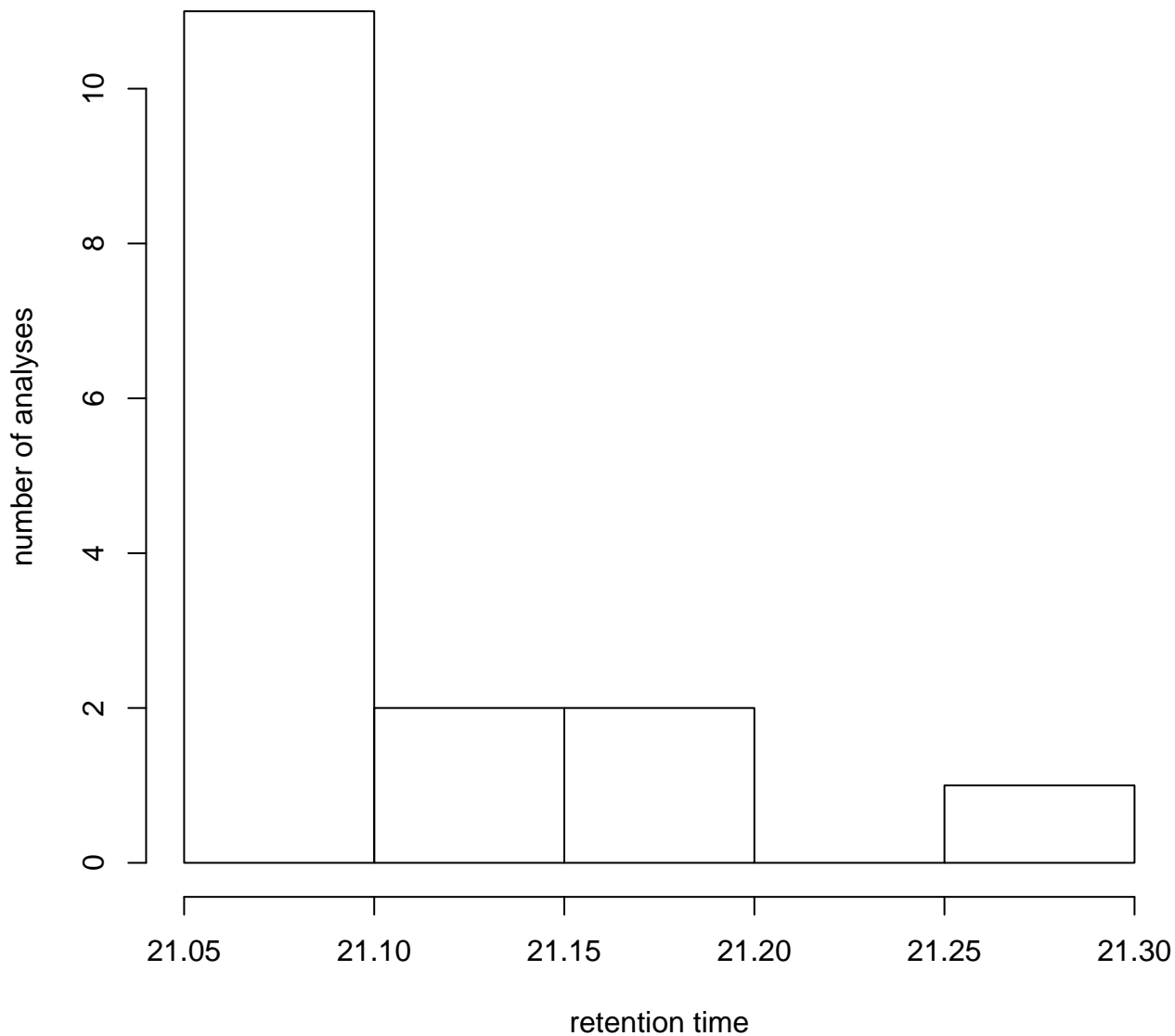
## Distribution of retention time for the cluster 132

mean retention time = 36.788 ; range of retention times = 0.558



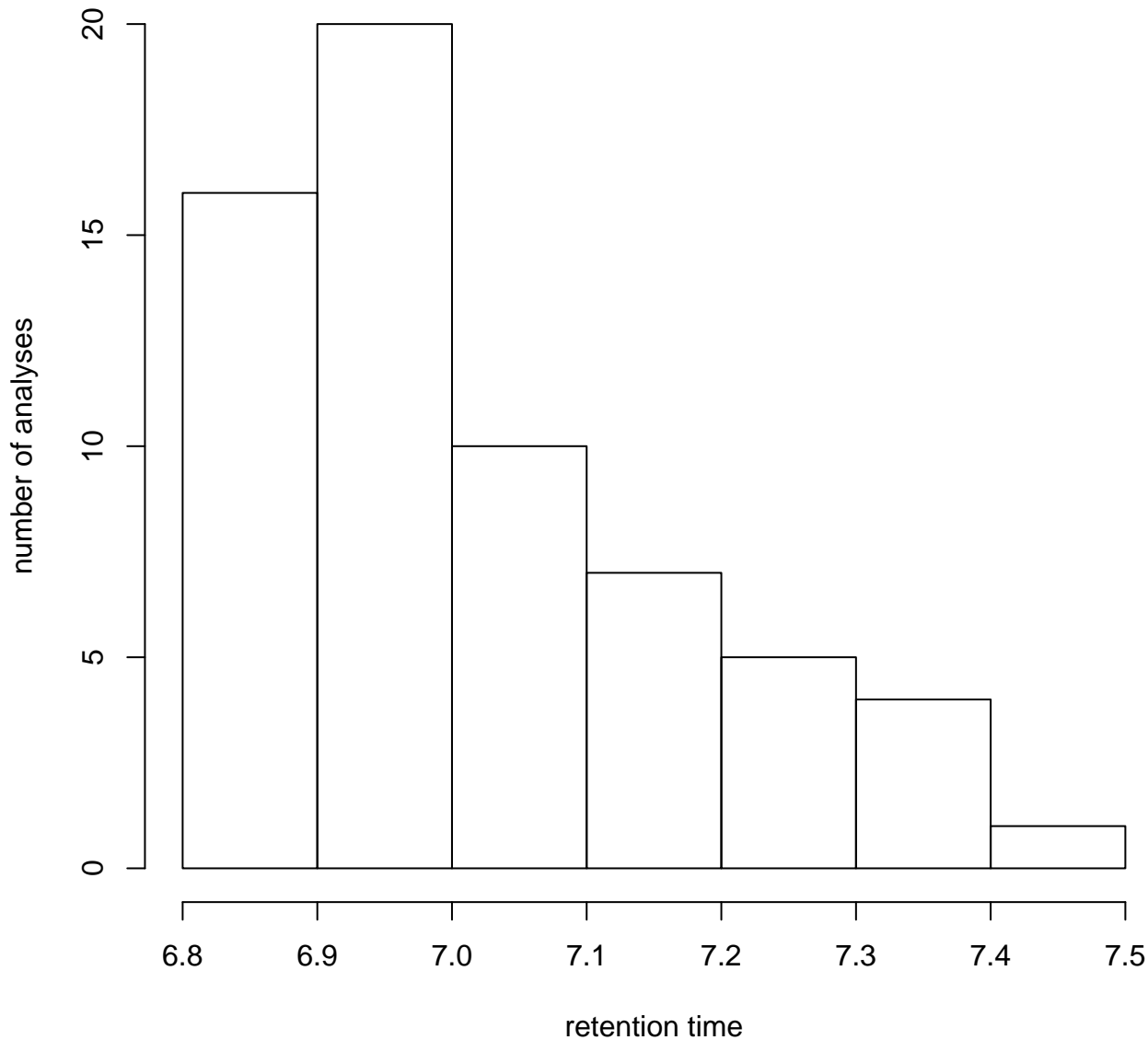
## Distribution of retention time for the cluster 136

mean retention time = 21.098 ; range of retention times = 0.244



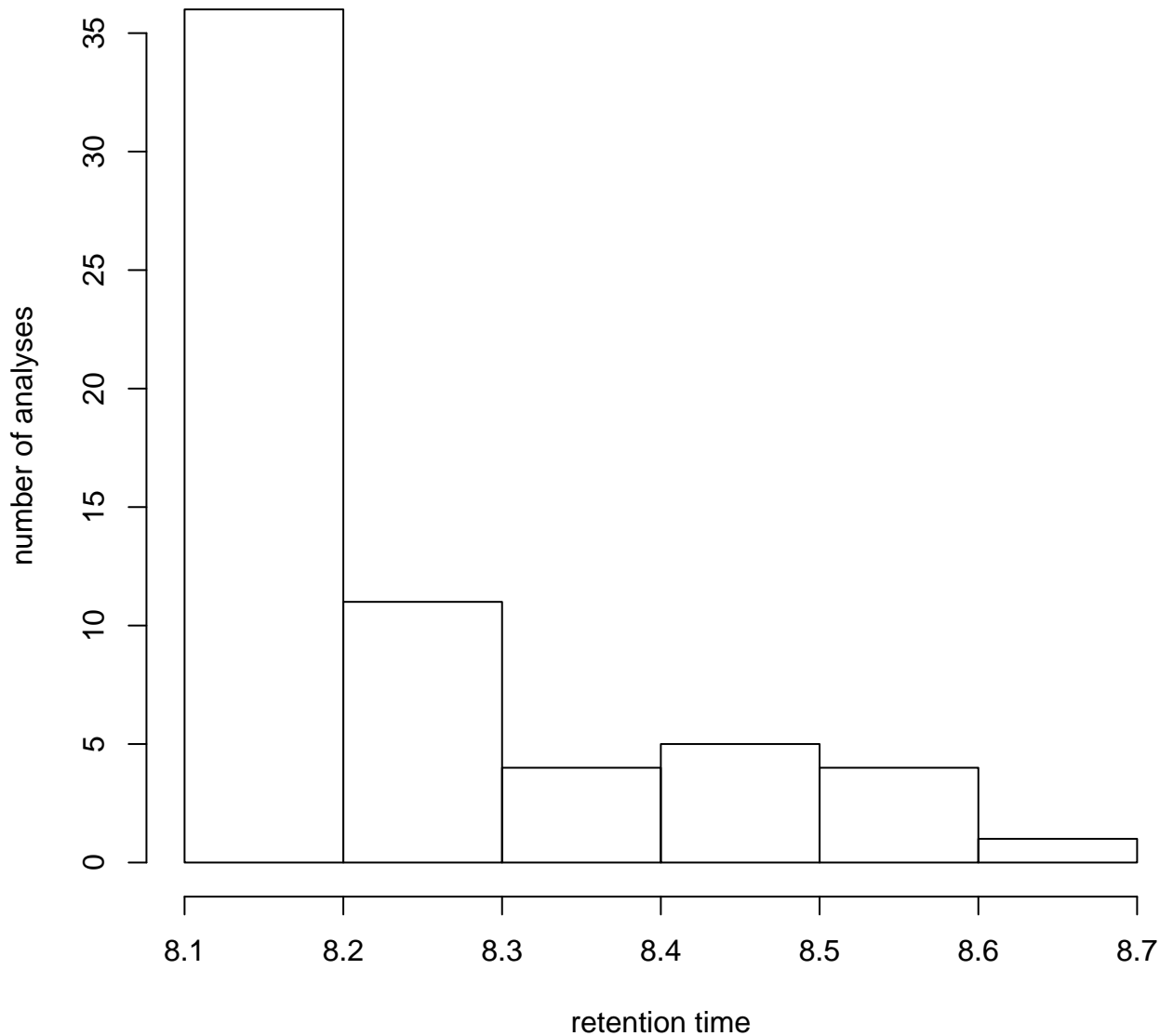
## Distribution of retention time for the cluster 138

mean retention time = 7.015 ; range of retention times = 0.551



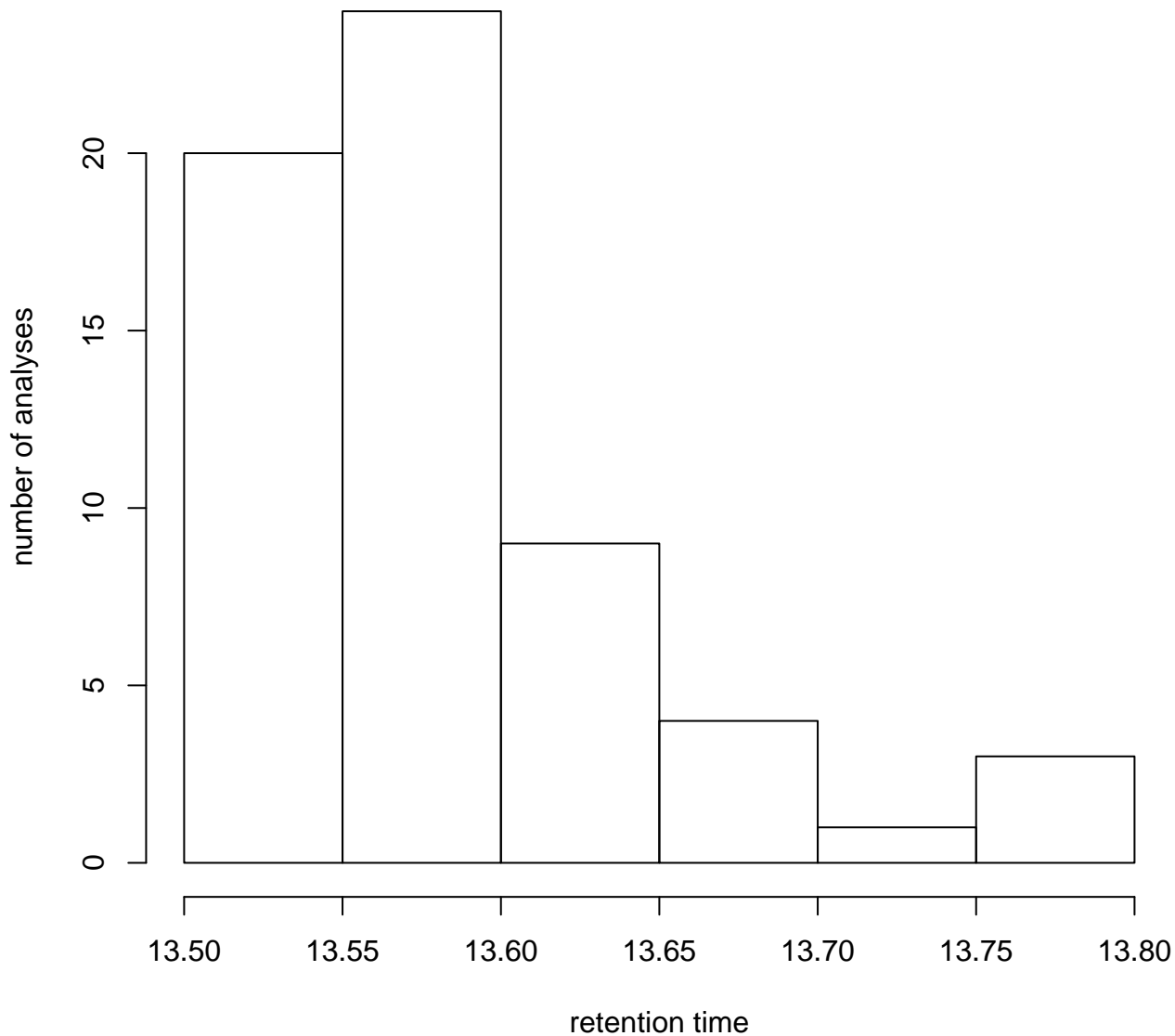
## Distribution of retention time for the cluster 139

mean retention time = 8.246 ; range of retention times = 0.554



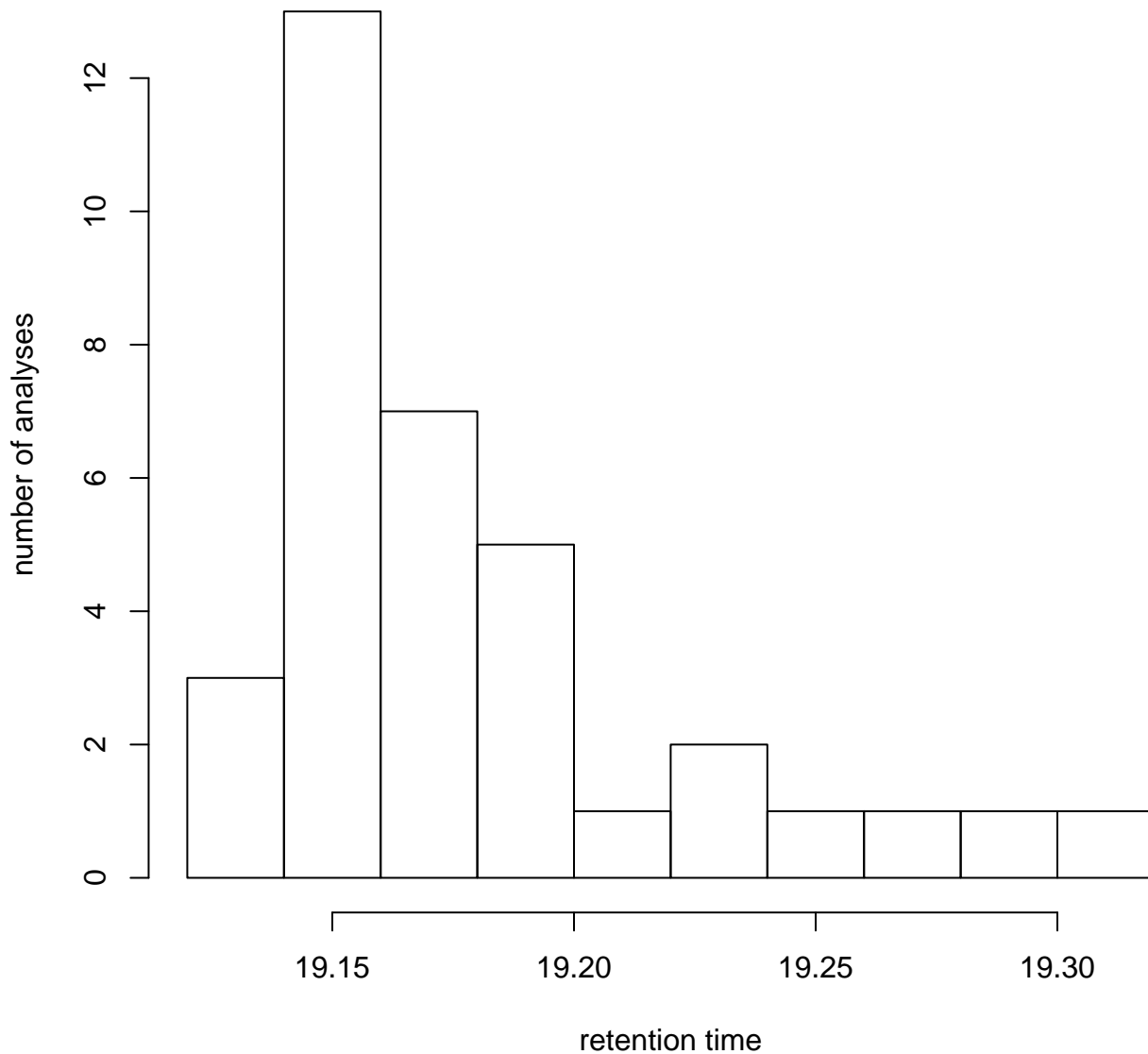
## Distribution of retention time for the cluster 141

mean retention time = 13.585 ; range of retention times = 0.297



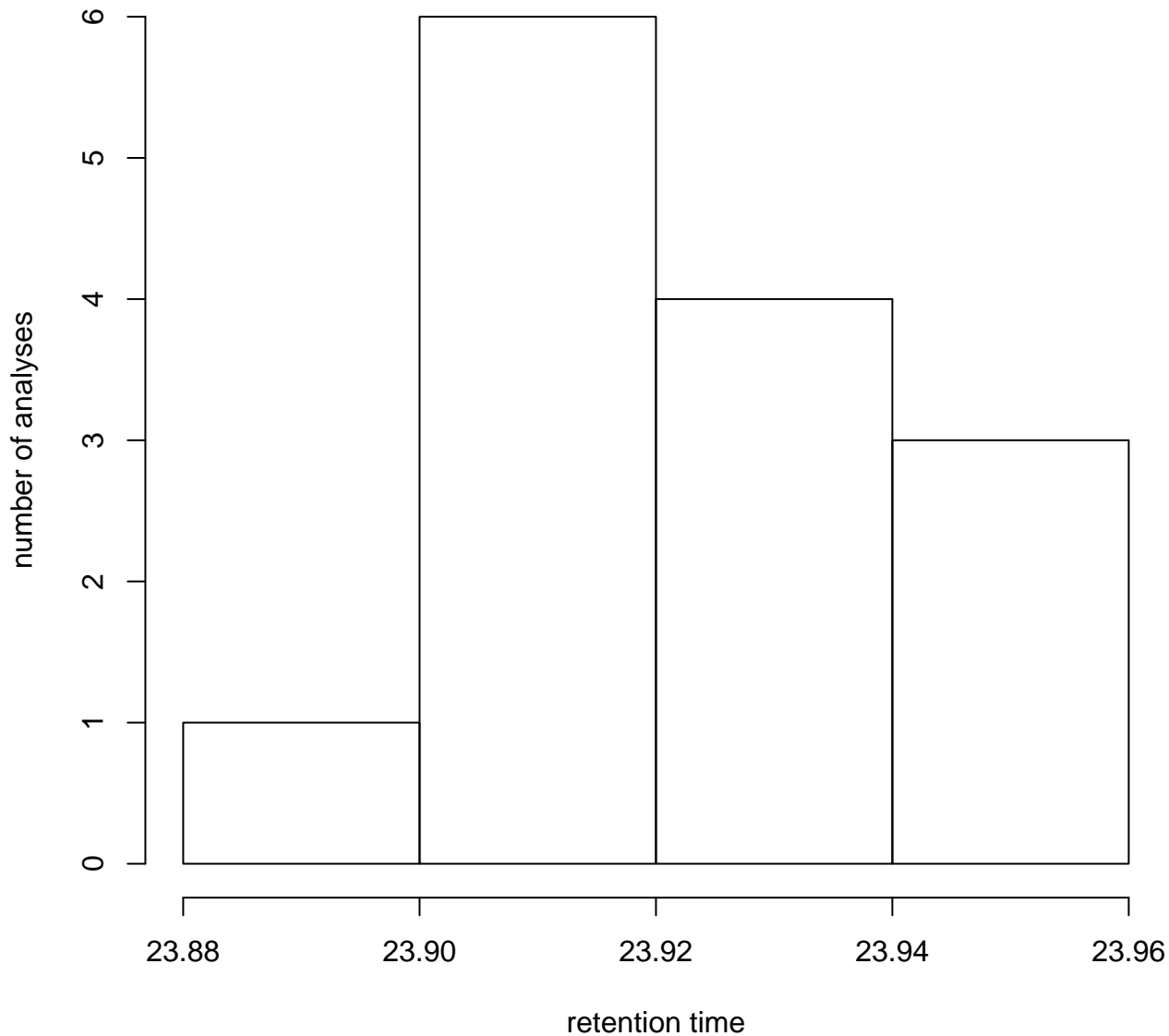
## Distribution of retention time for the cluster 143

mean retention time = 19.182 ; range of retention times = 0.186



## Distribution of retention time for the cluster 145

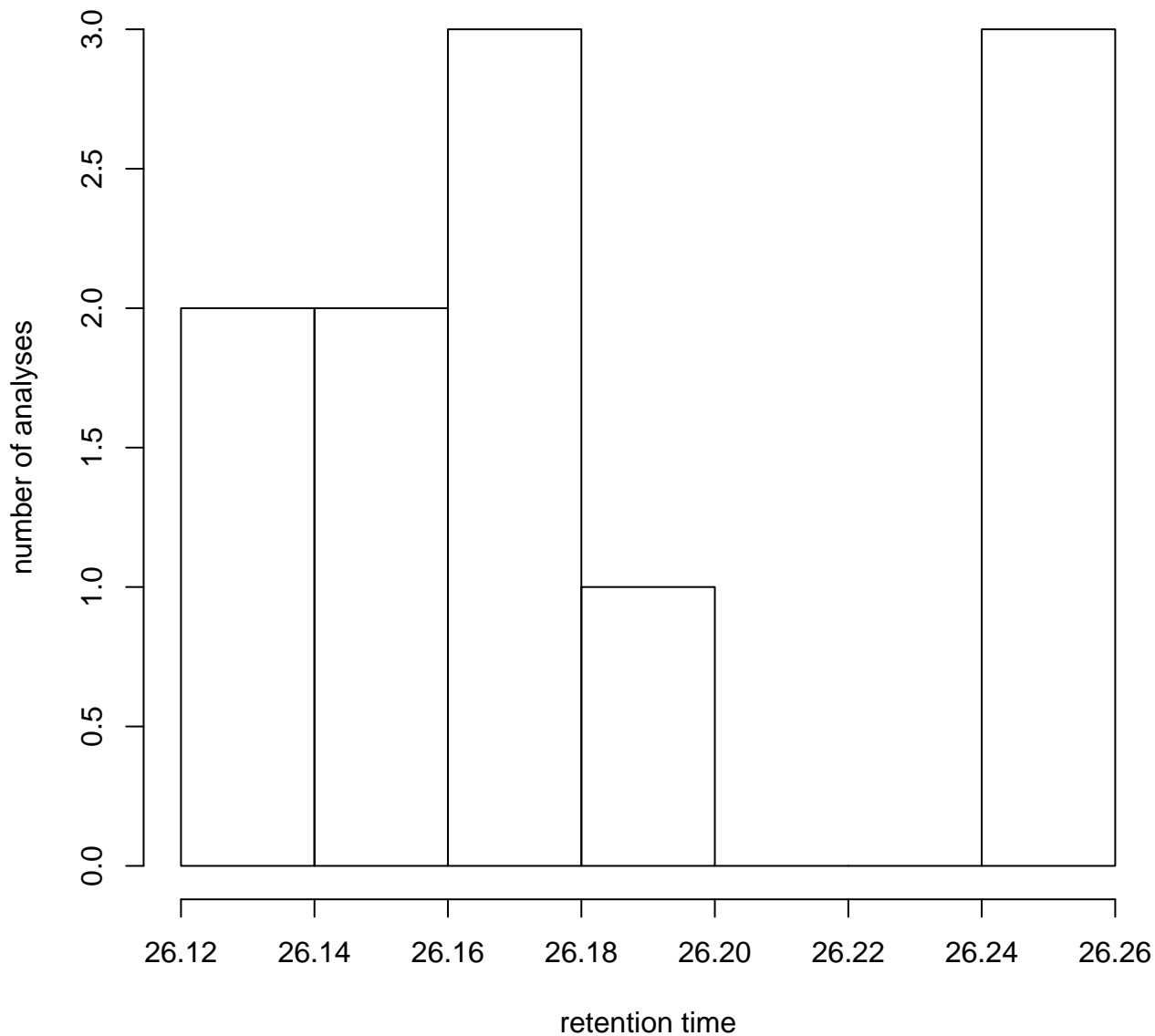
mean retention time = 23.924 ; range of retention times = 0.07





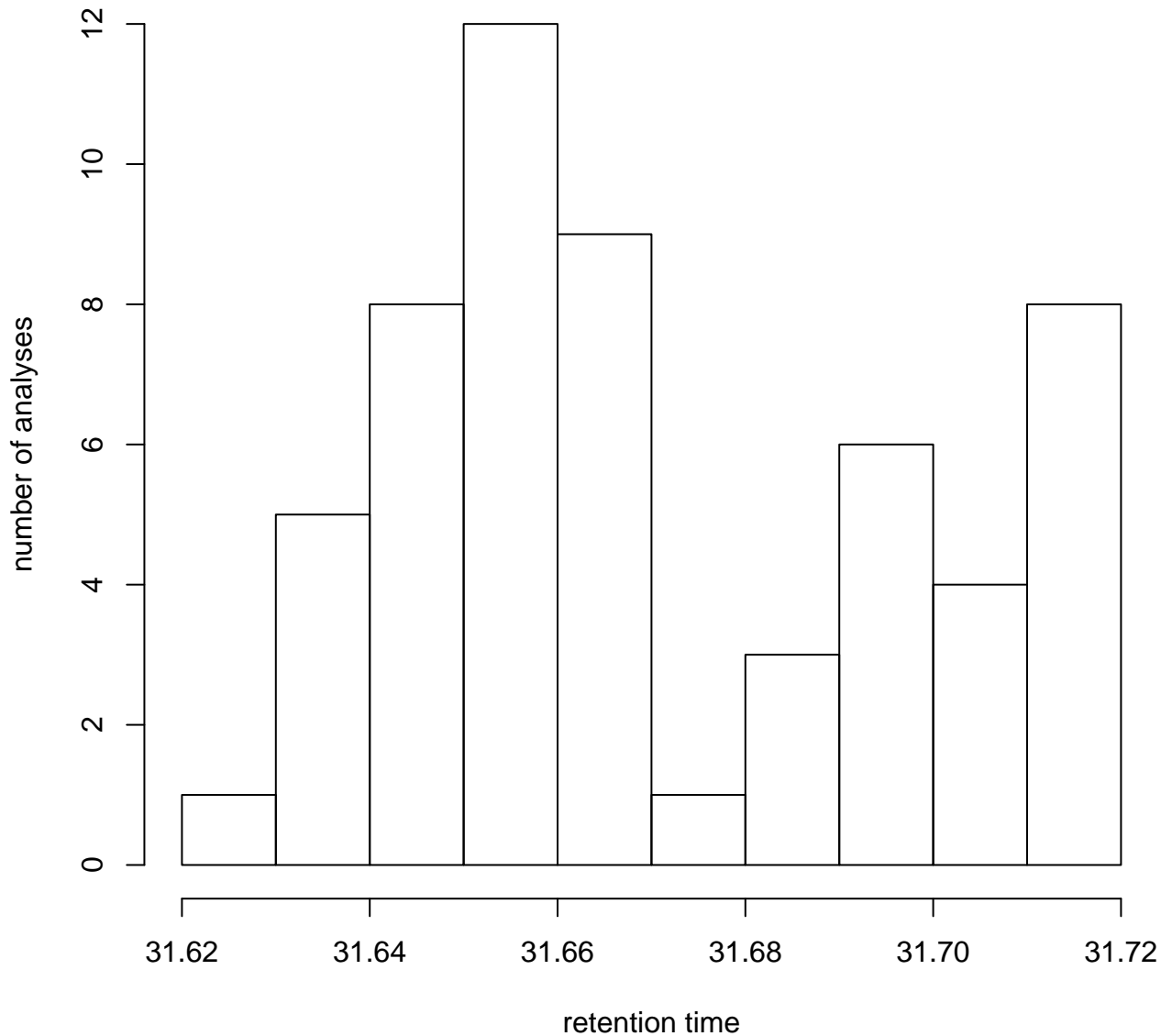
## Distribution of retention time for the cluster 147

mean retention time = 26.185 ; range of retention times = 0.126



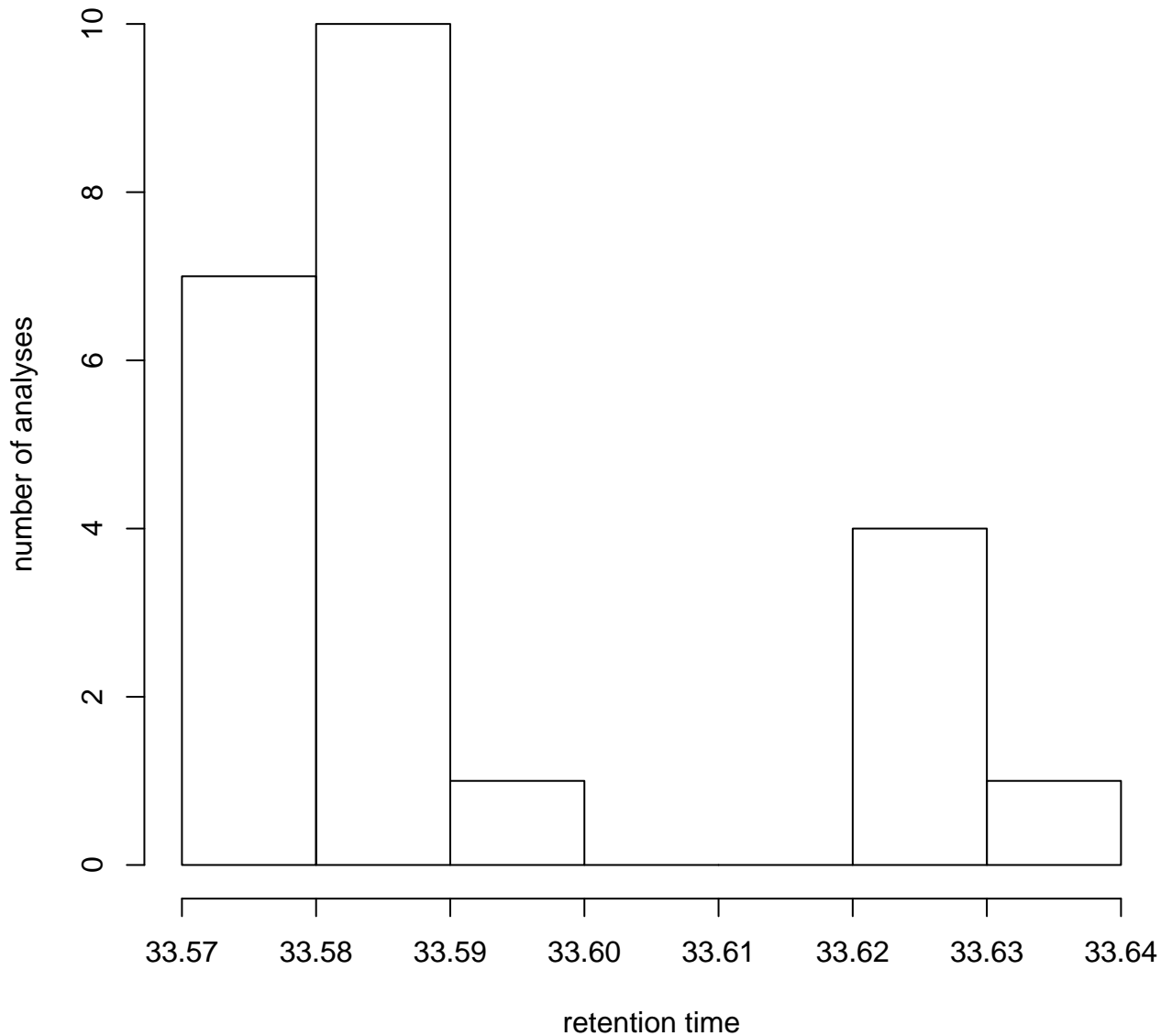
## Distribution of retention time for the cluster 150

mean retention time = 31.671 ; range of retention times = 0.09



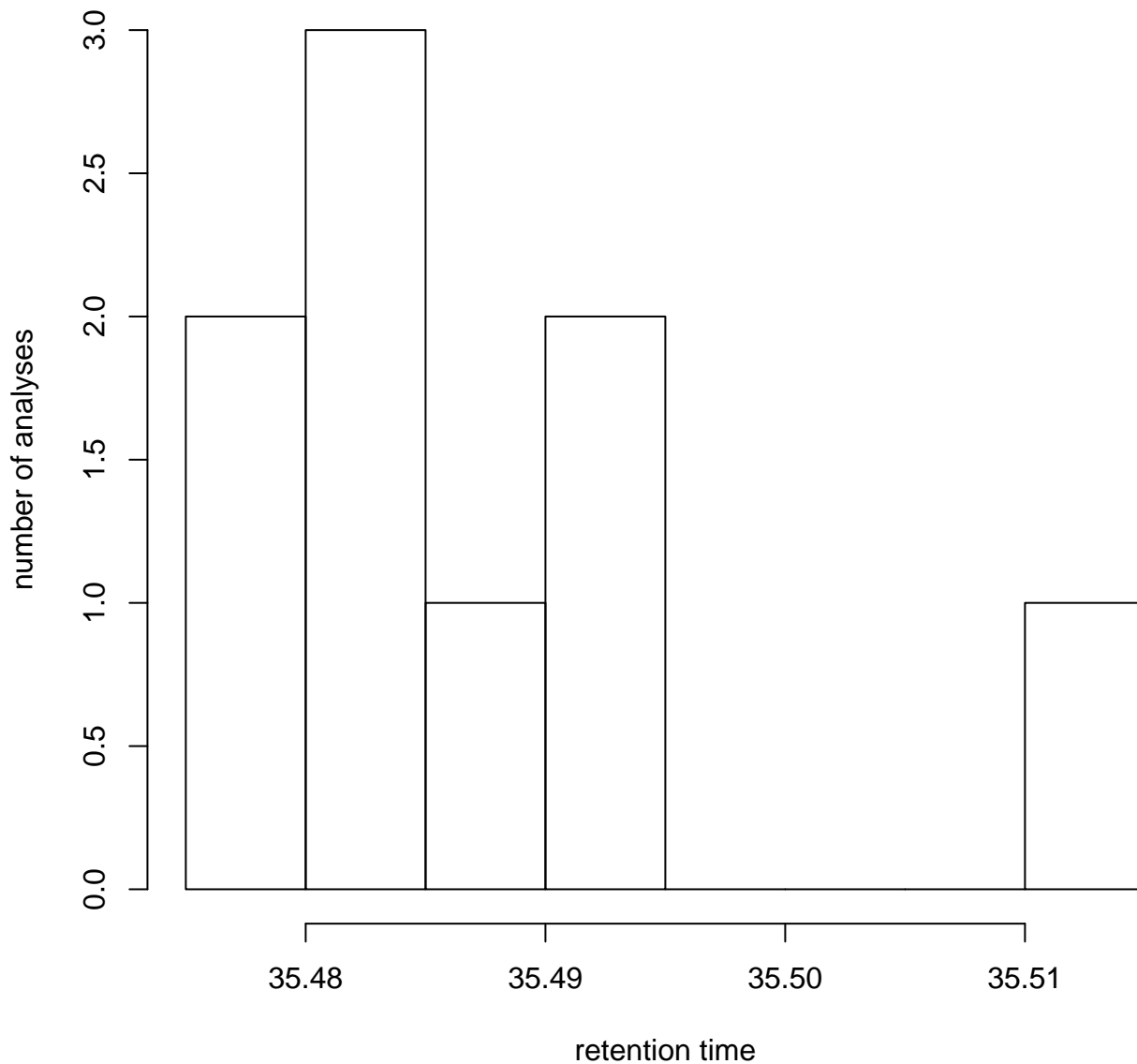
## Distribution of retention time for the cluster 151

mean retention time = 33.592 ; range of retention times = 0.064



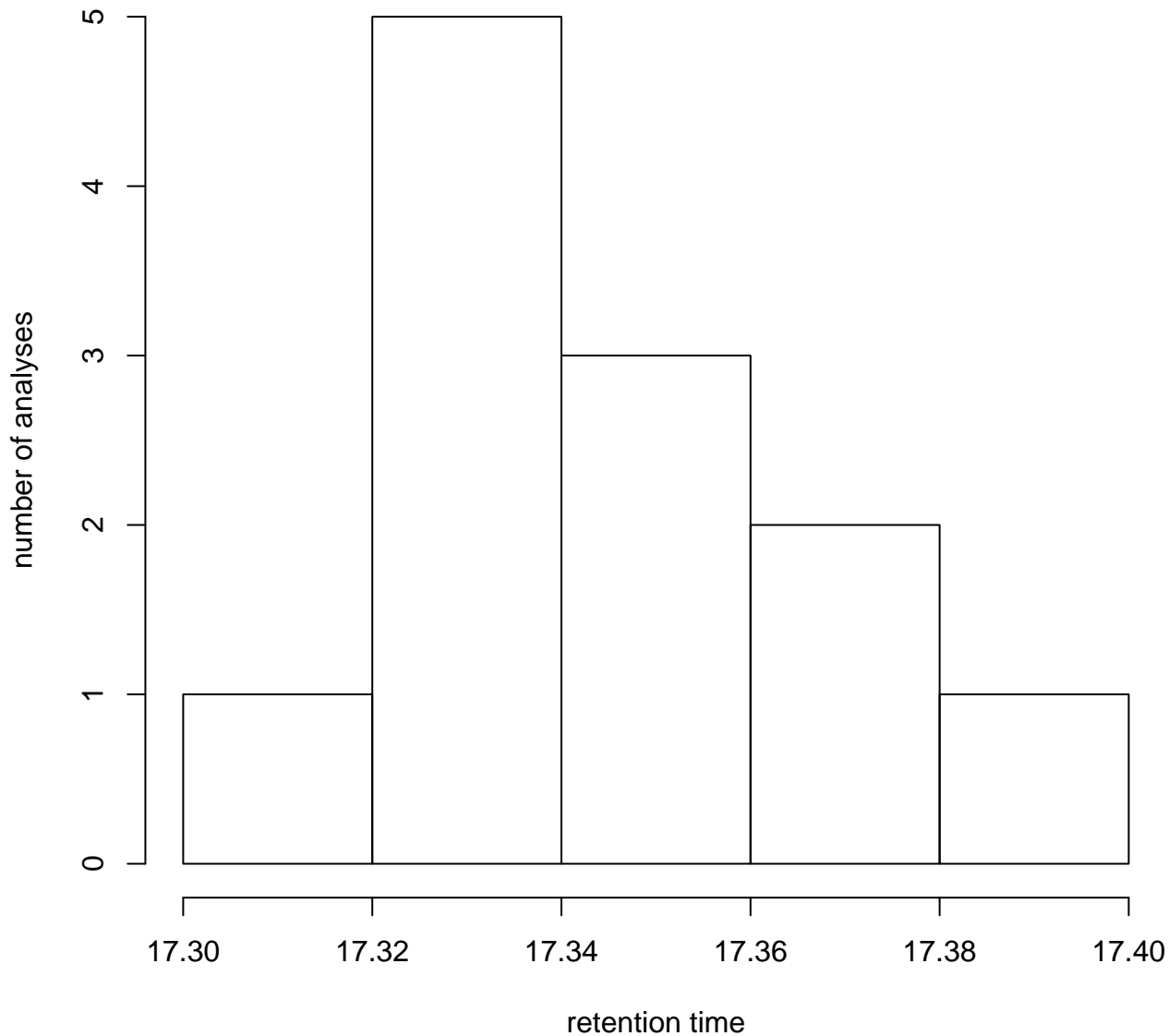
## Distribution of retention time for the cluster 152

mean retention time = 35.488 ; range of retention times = 0.033



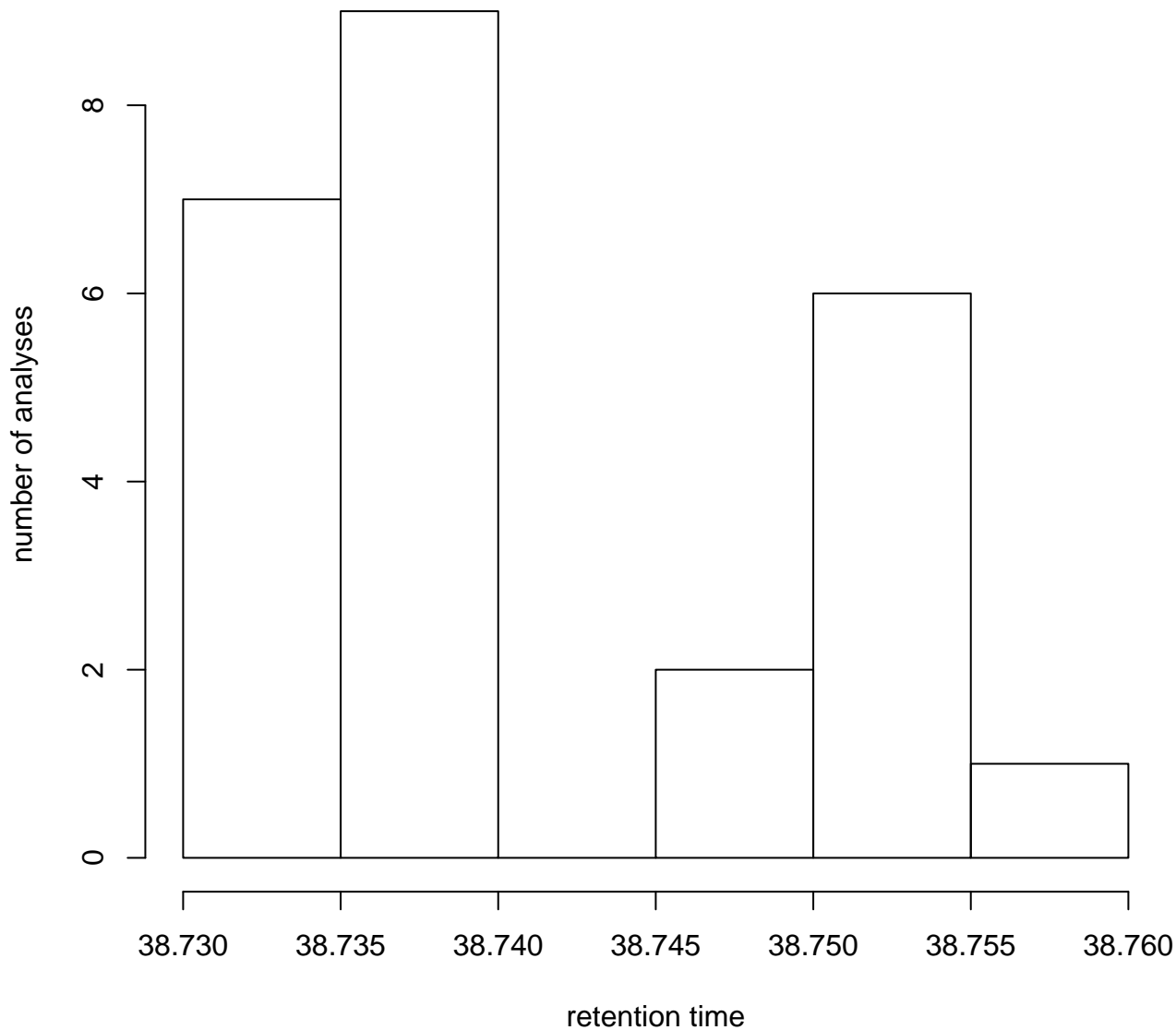
## Distribution of retention time for the cluster 154

mean retention time = 17.344 ; range of retention times = 0.071



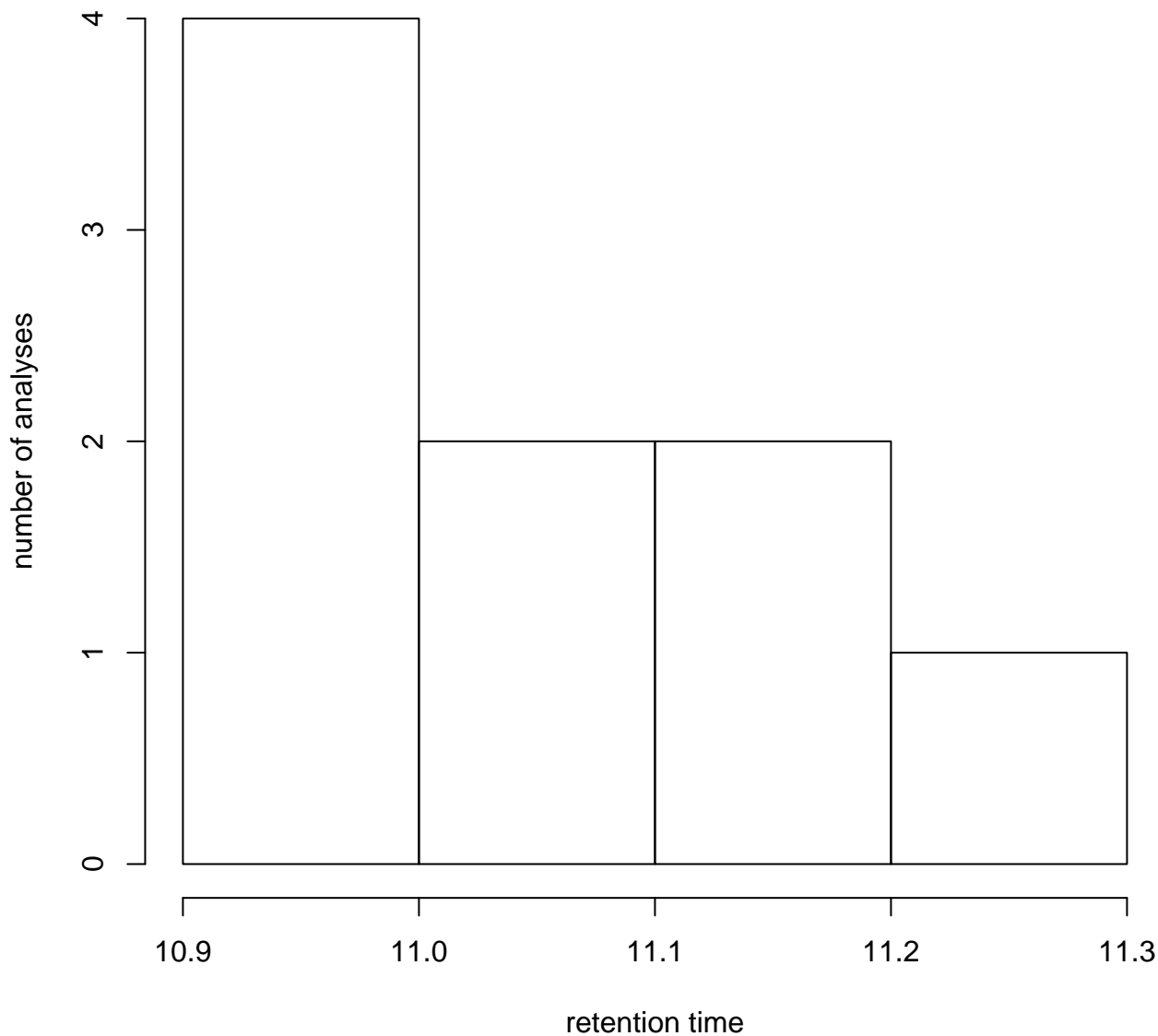
## Distribution of retention time for the cluster 156

mean retention time = 38.741 ; range of retention times = 0.025



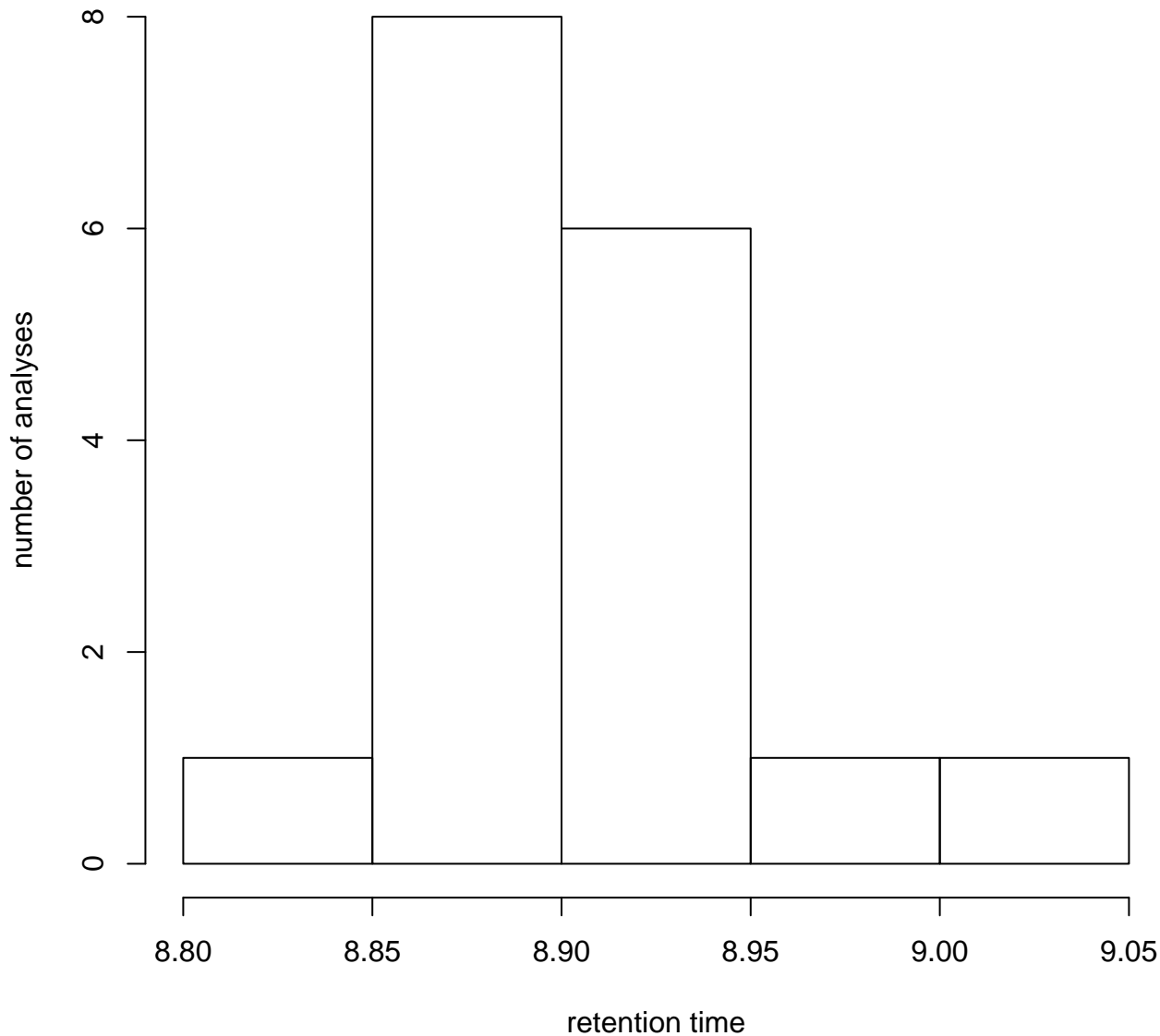
## Distribution of retention time for the cluster 158

mean retention time = 11.062 ; range of retention times = 0.356



## Distribution of retention time for the cluster 160

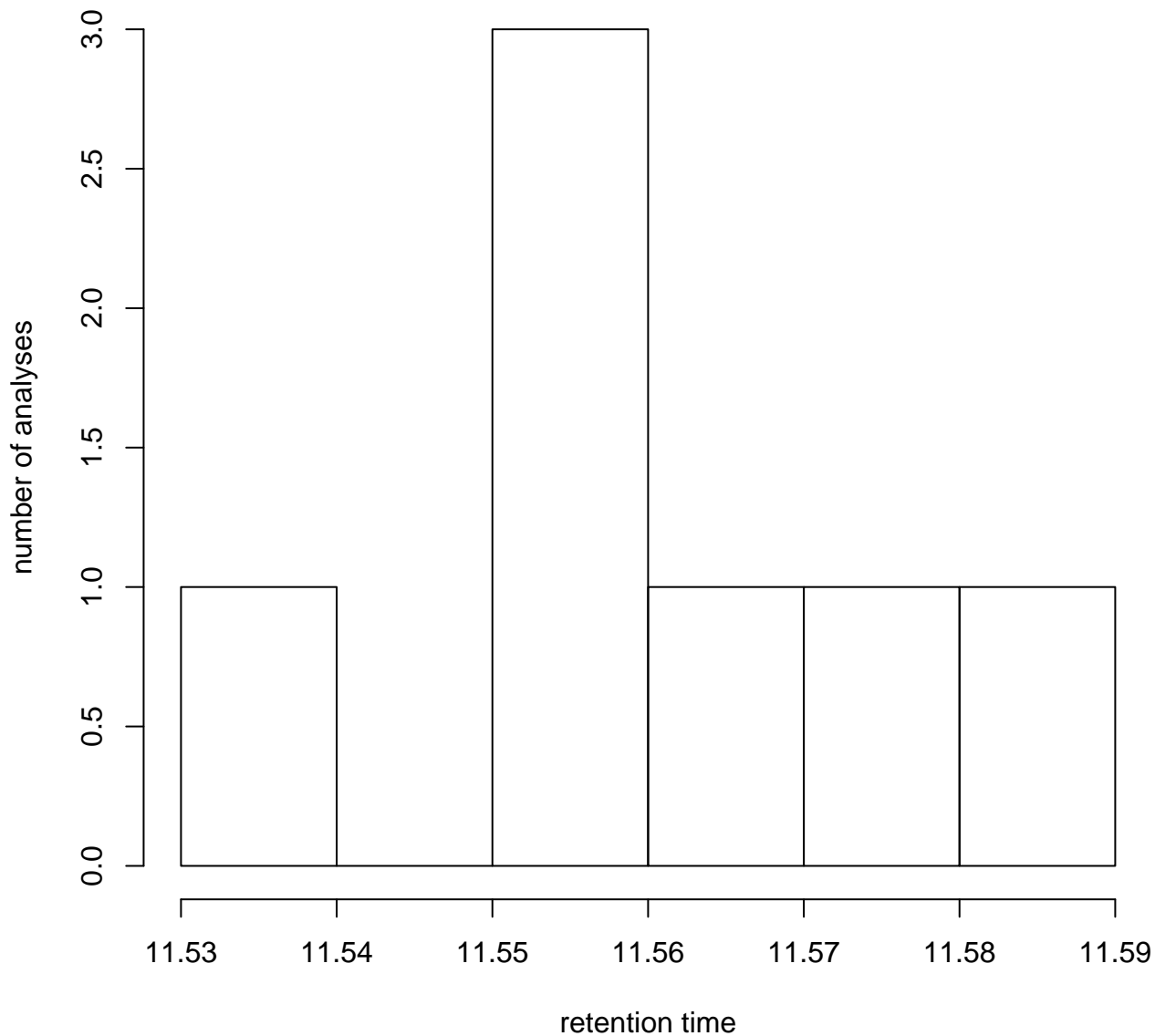
mean retention time = 8.908 ; range of retention times = 0.173





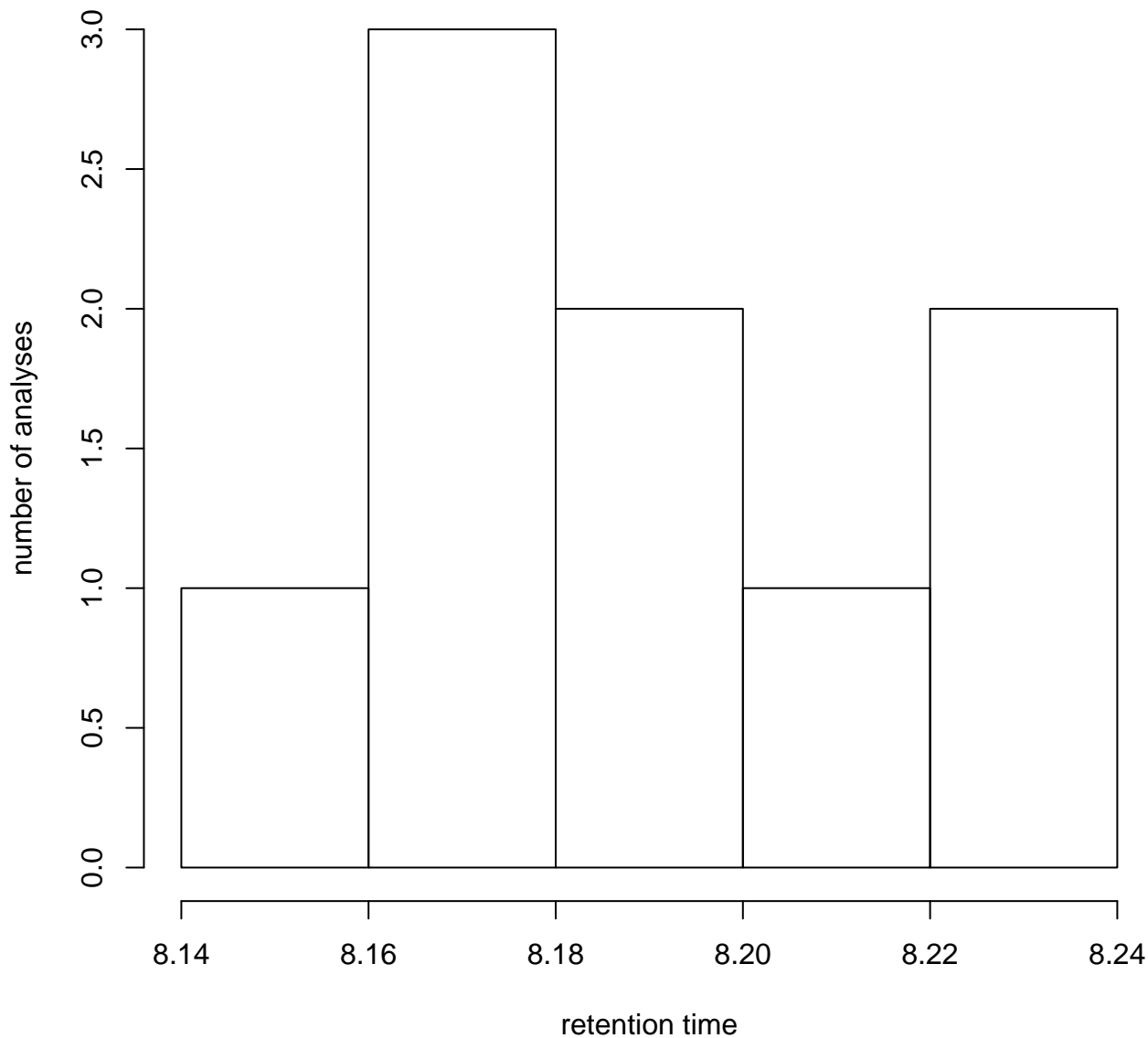
## Distribution of retention time for the cluster 161

mean retention time = 11.563 ; range of retention times = 0.054



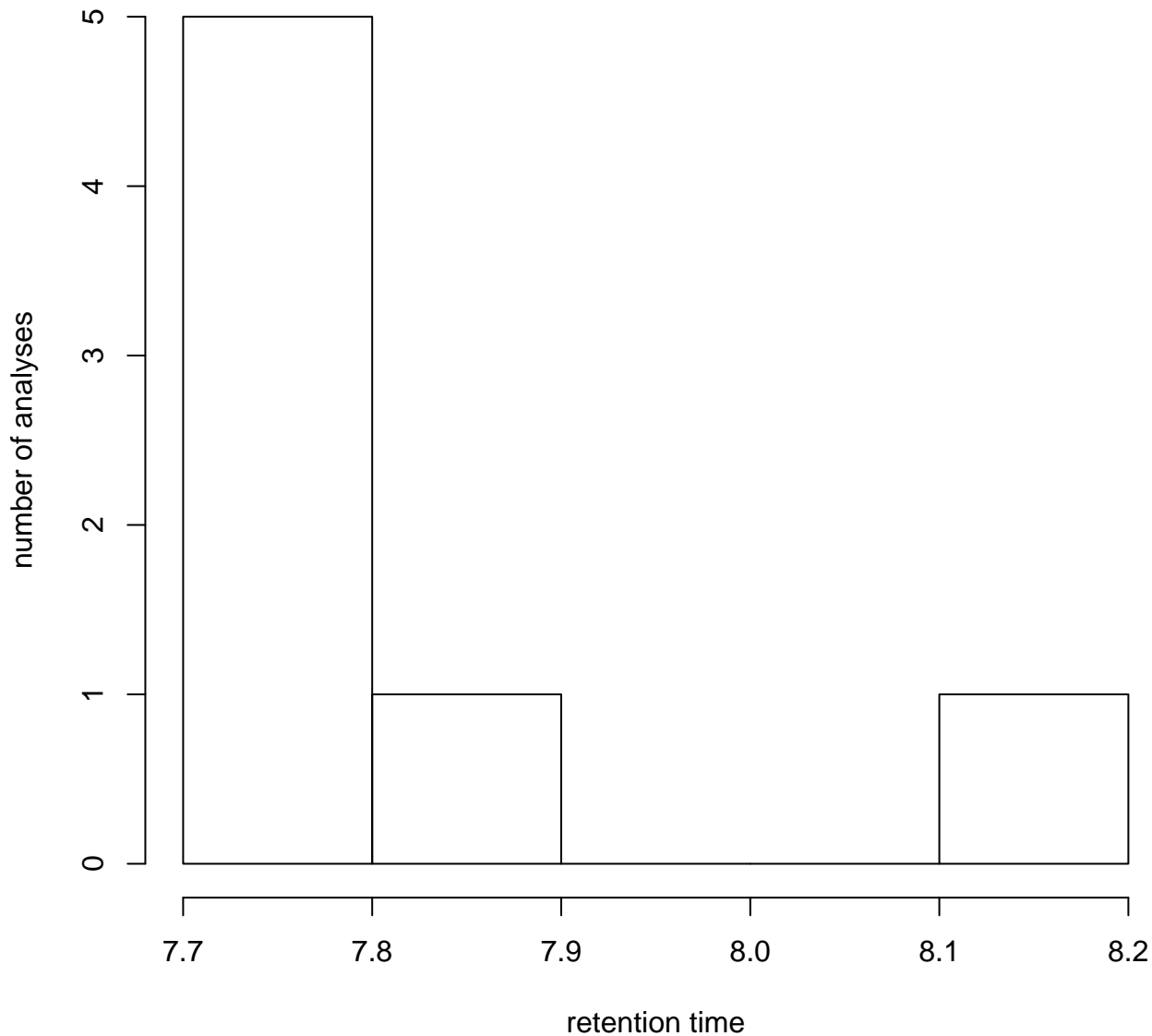
## Distribution of retention time for the cluster 162

mean retention time = 8.187 ; range of retention times = 0.094



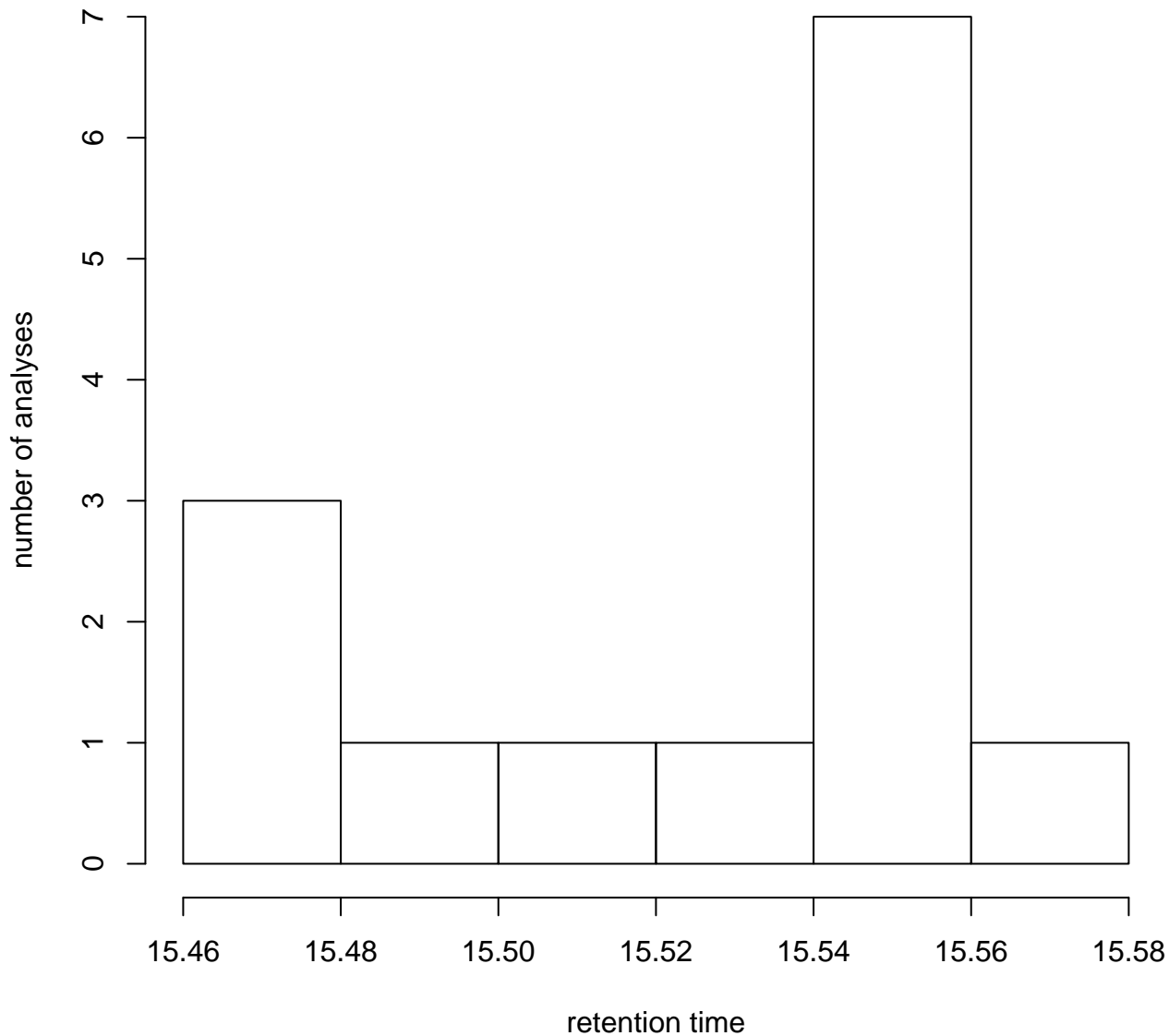
## Distribution of retention time for the cluster 163

mean retention time = 7.833 ; range of retention times = 0.39



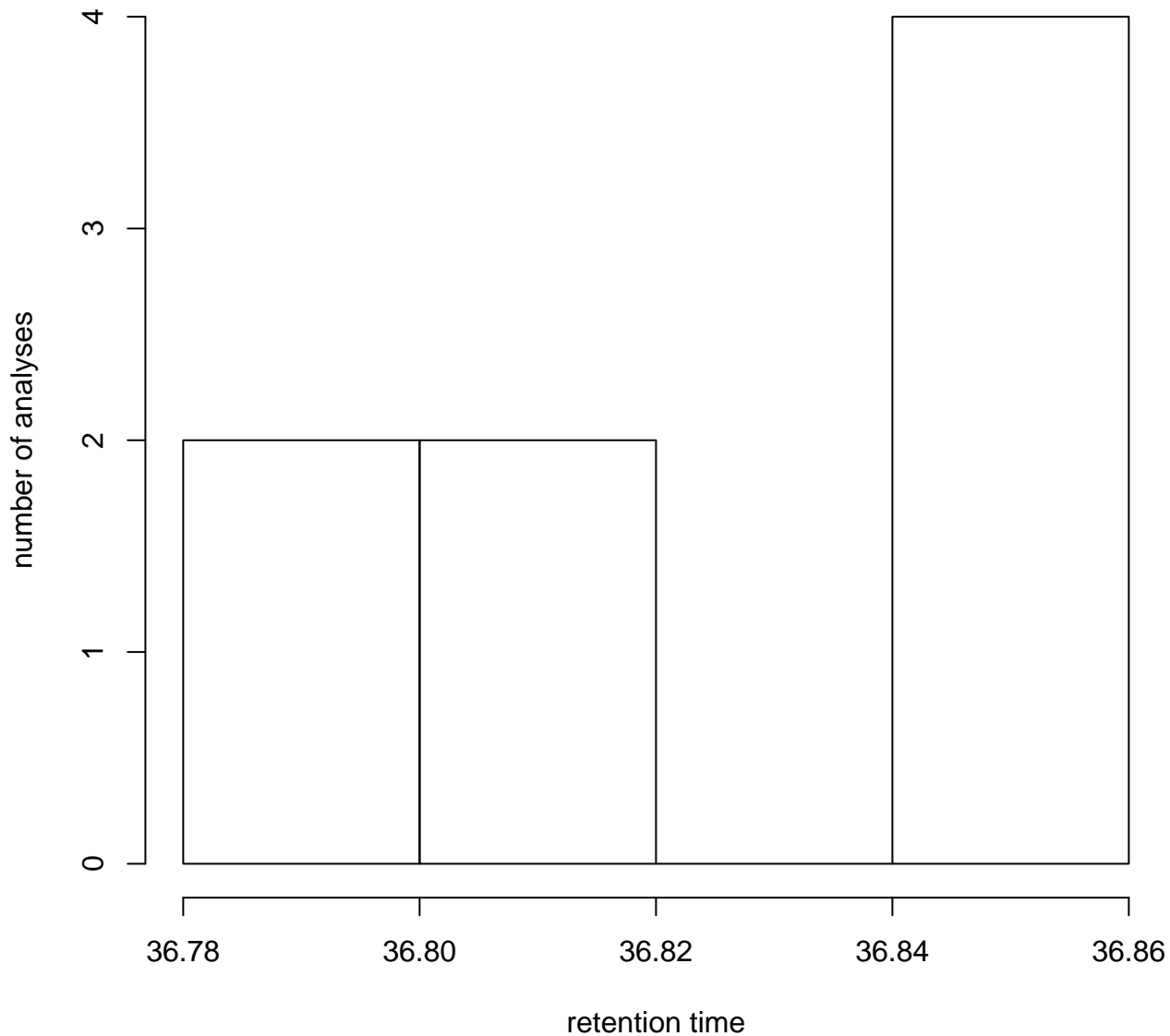
## Distribution of retention time for the cluster 164

mean retention time = 15.526 ; range of retention times = 0.109



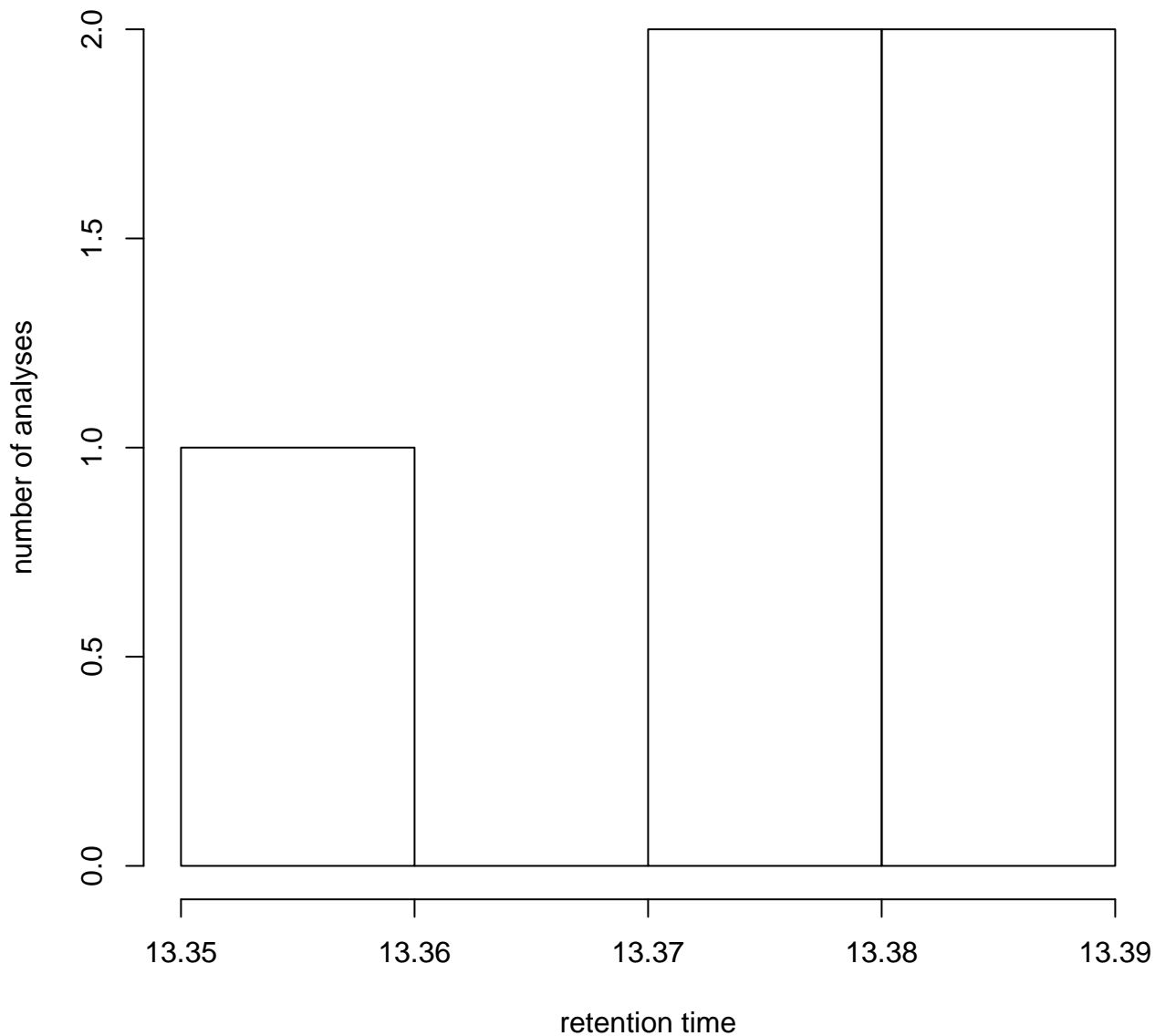
## Distribution of retention time for the cluster 165

mean retention time = 36.83 ; range of retention times = 0.065



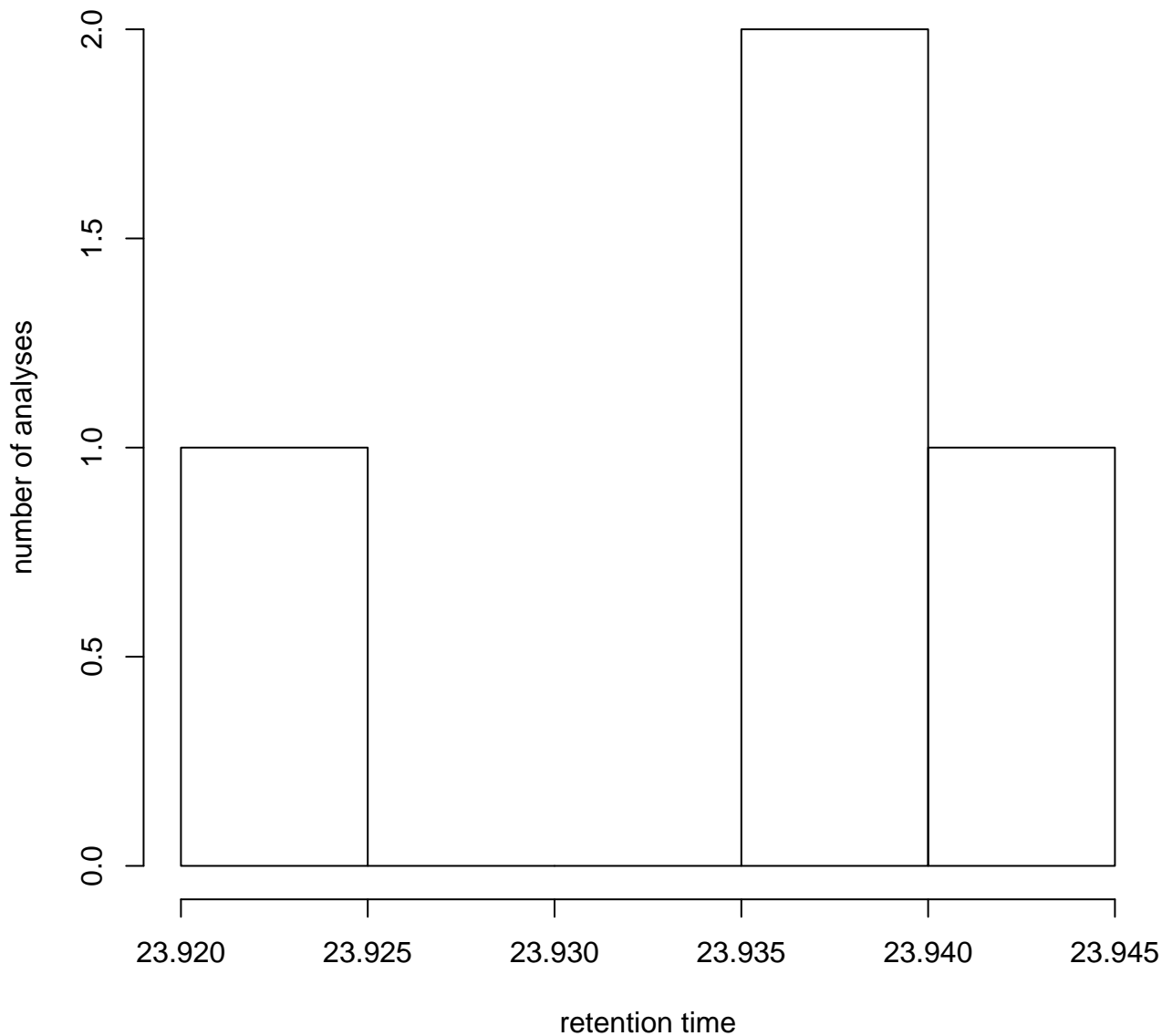
## Distribution of retention time for the cluster 166

mean retention time = 13.376 ; range of retention times = 0.034



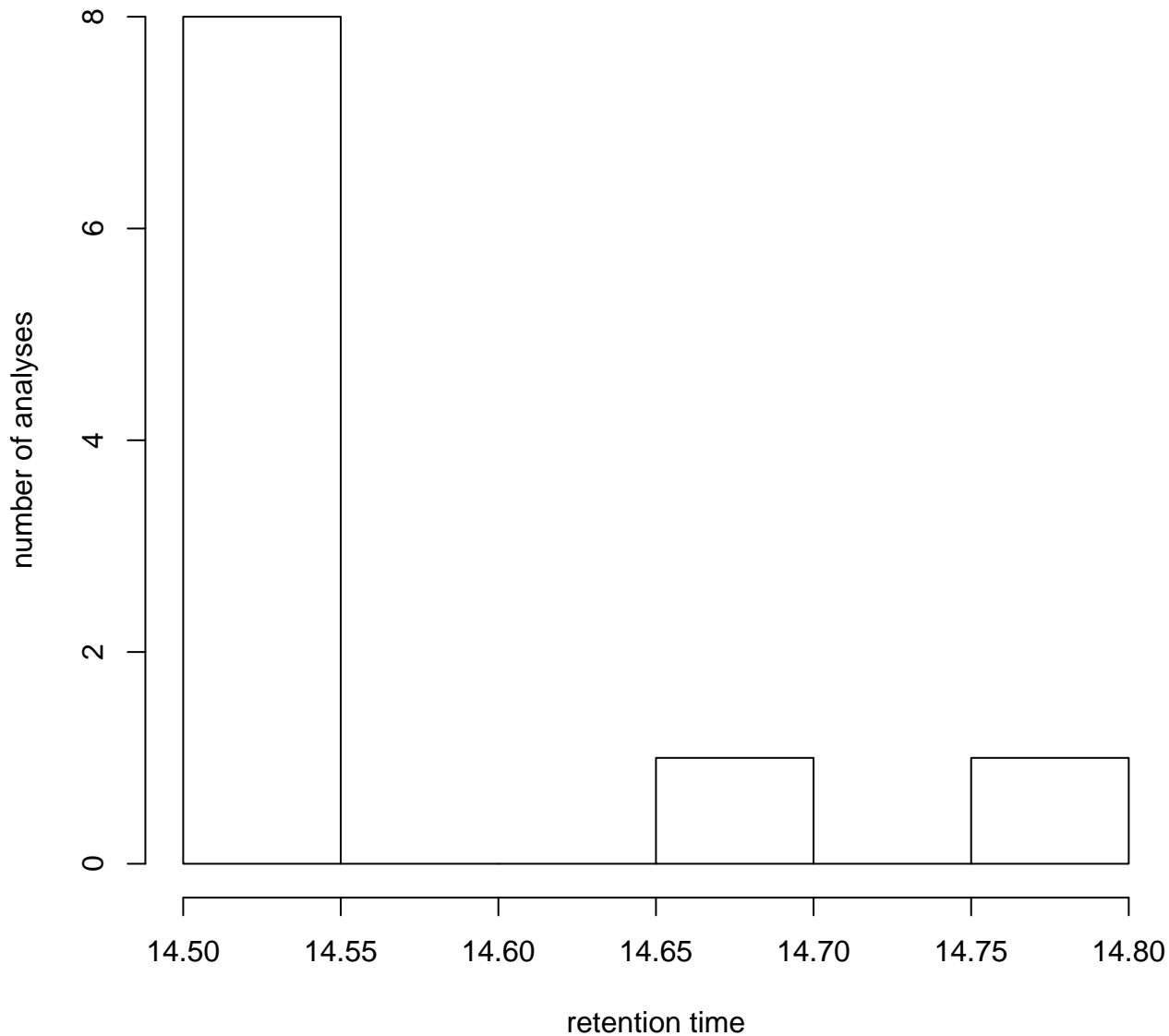
## Distribution of retention time for the cluster 167

mean retention time = 23.935 ; range of retention times = 0.02



## Distribution of retention time for the cluster 168

mean retention time = 14.561 ; range of retention times = 0.267





## Distribution of retention time for the cluster 169

mean retention time = 18.501 ; range of retention times = 0.581

