

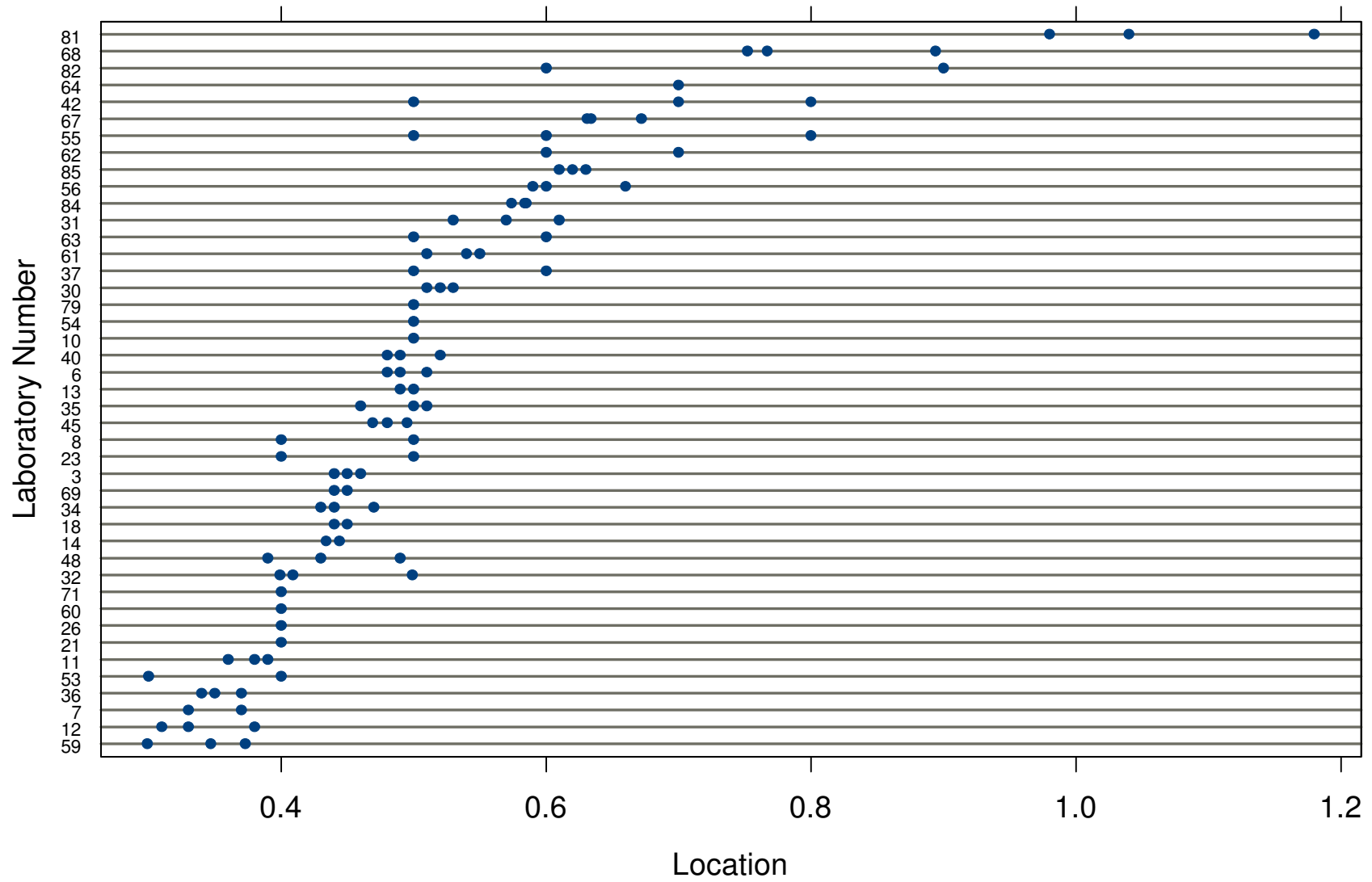
Annex 5: Statistical data analysis

Group 5: Total Nitrogen content
(SA09)

Total N

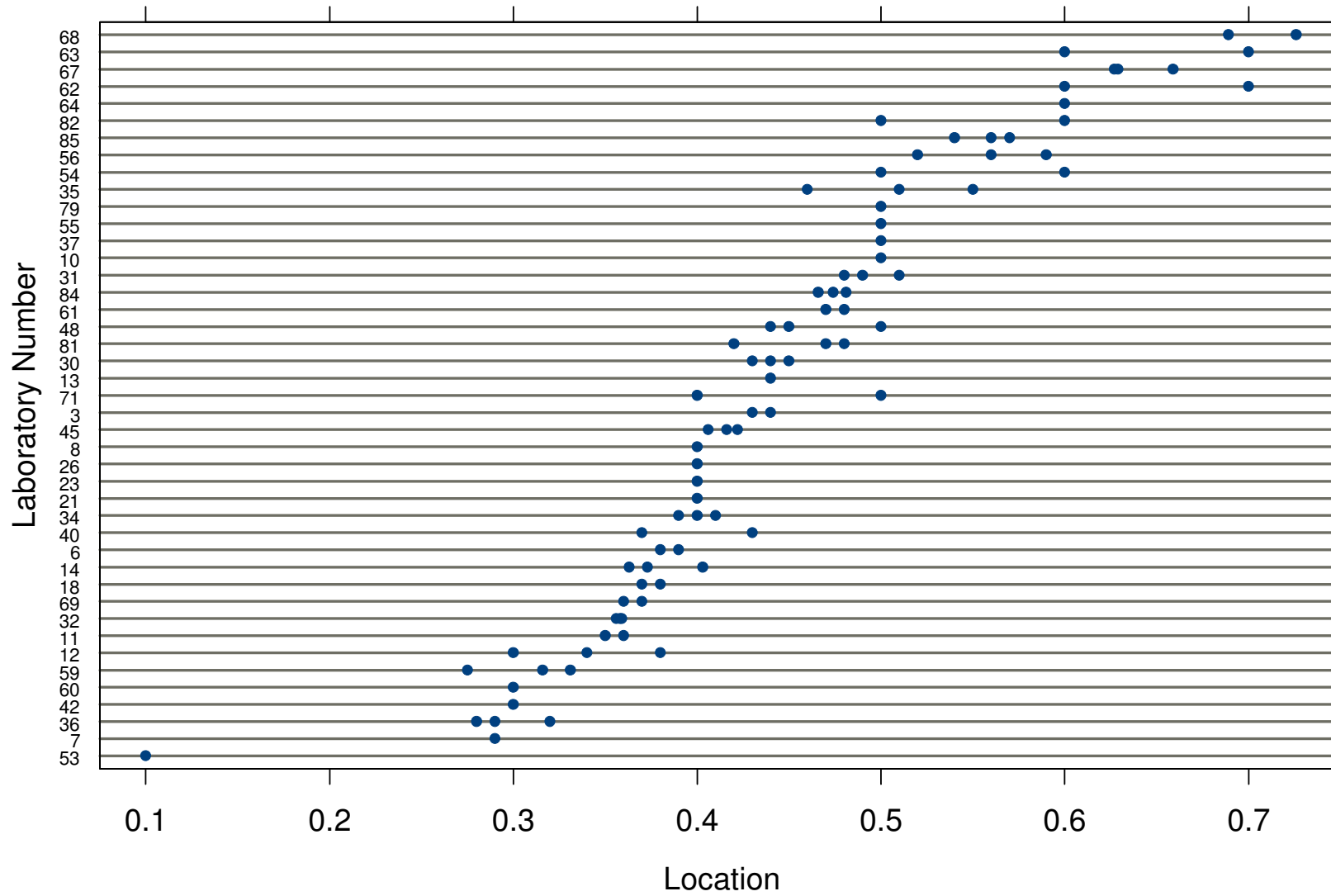
Dot plot sample A

5 - Total N - Sample A



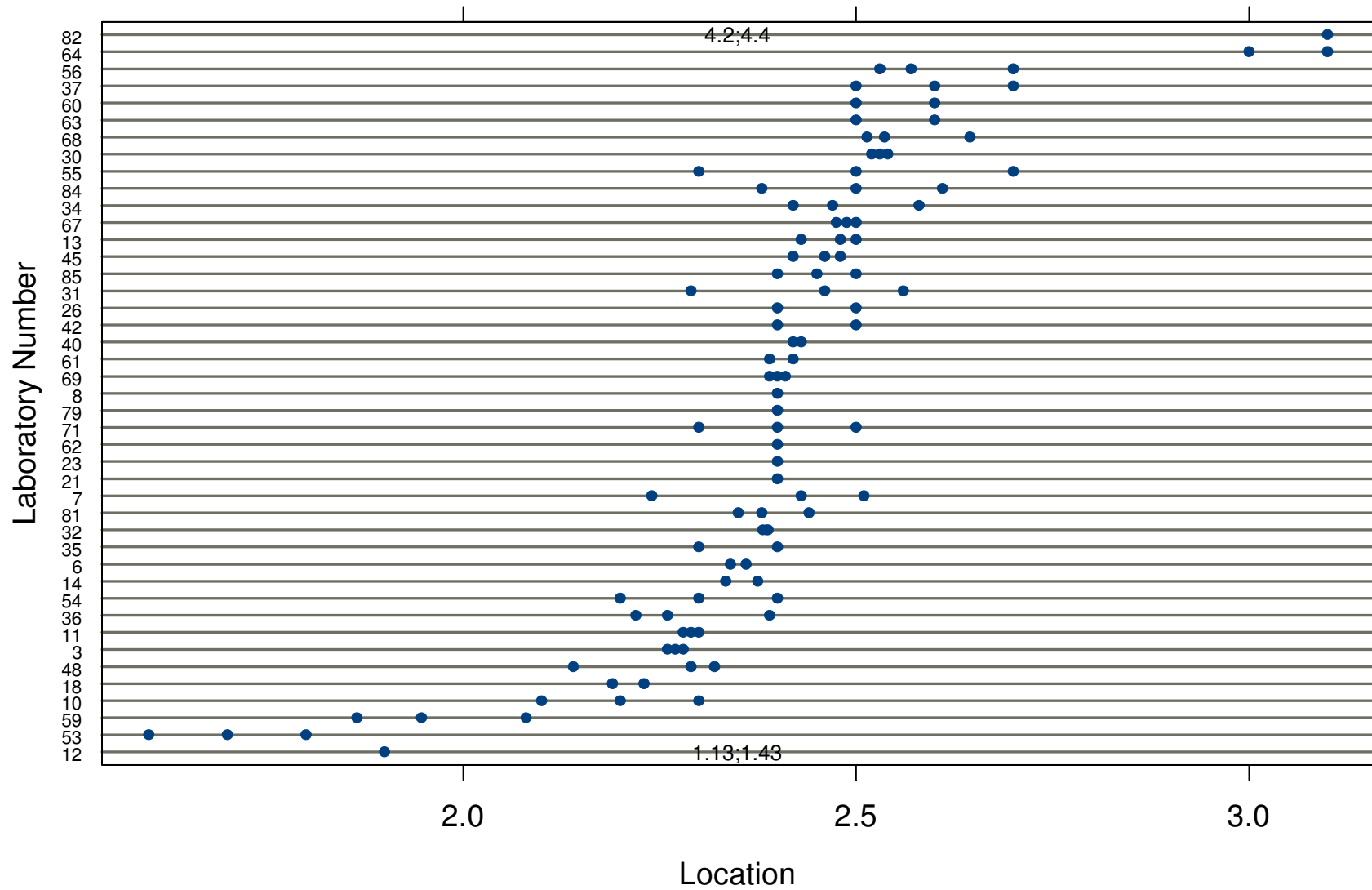
Dot plot sample B

5 - Total N - Sample B



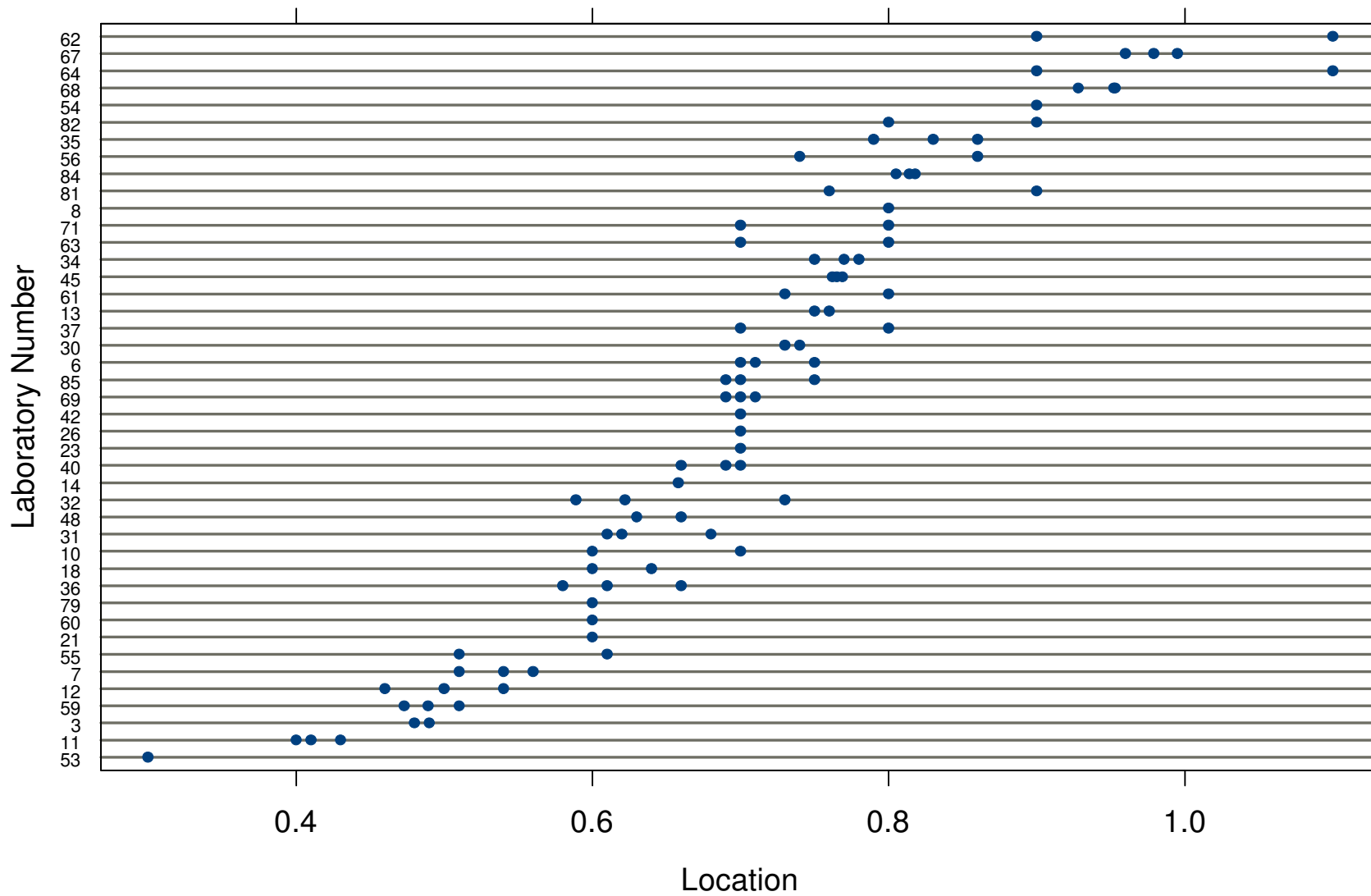
Dot plot sample C

5 - Total N - Sample C



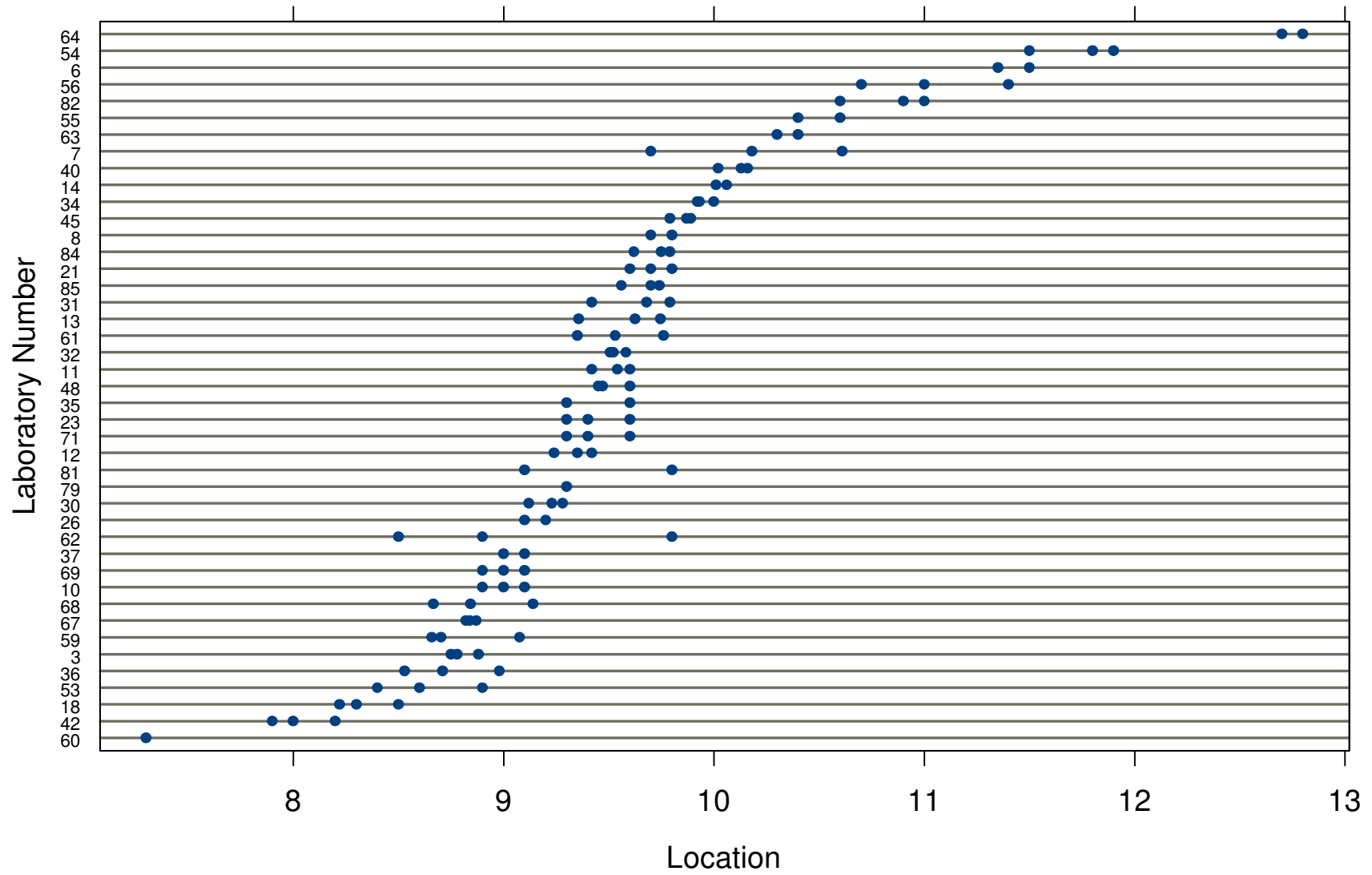
Dot plot sample D

5 - Total N - Sample D

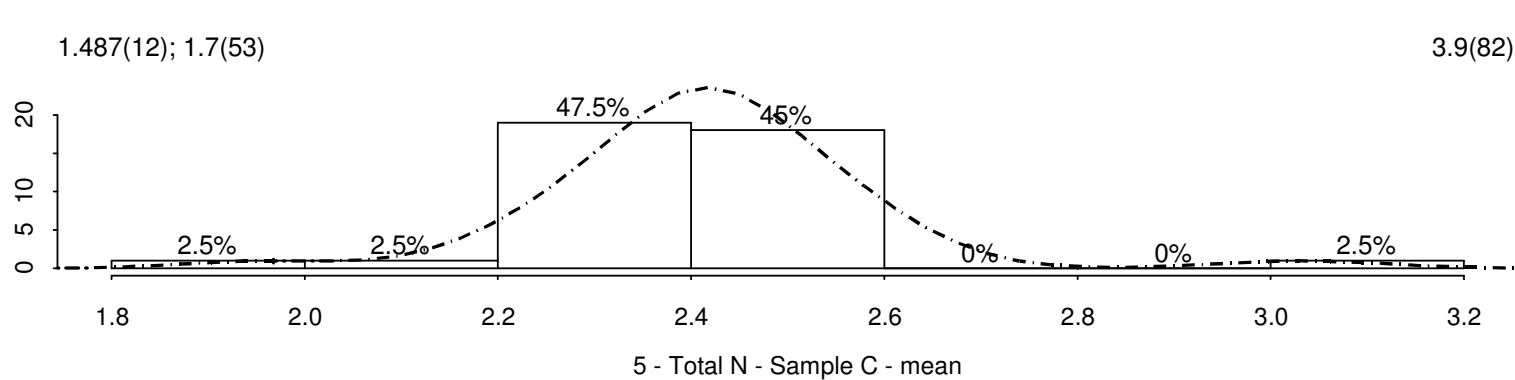
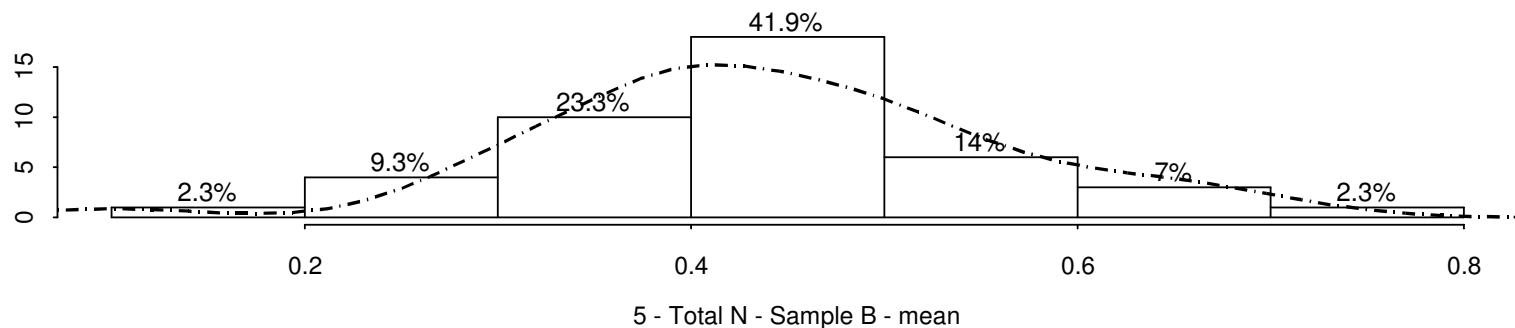
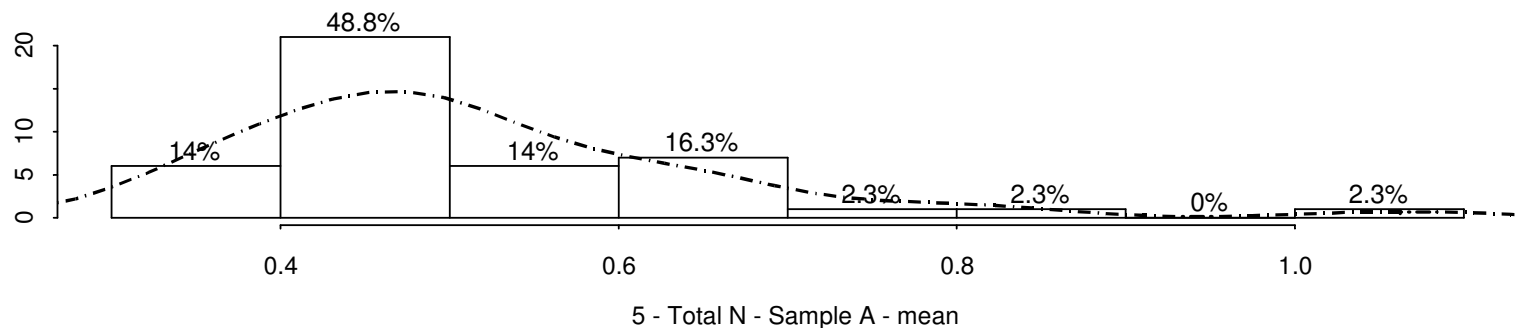


Dot plot sample E

5 - Total N - Sample E



Histogram of the means of samples A, B and C

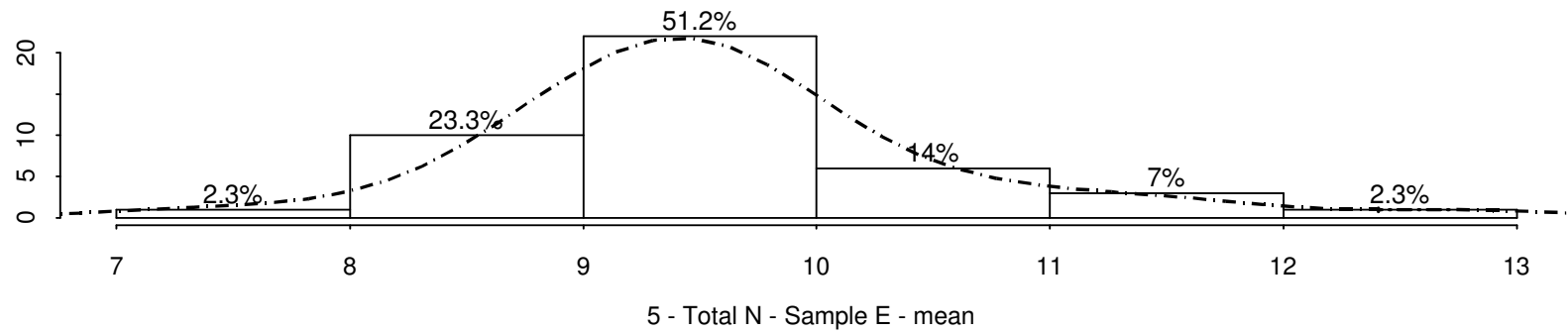
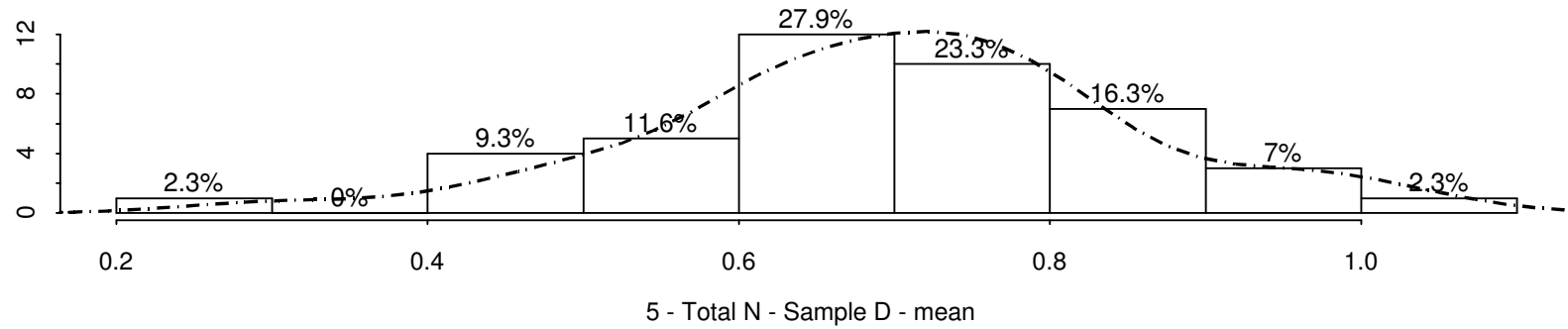


N: 43 NA: 0 Z: 0 E: 0 U: 43
a: 0.5154 m: 0.4933 s: 0.1429

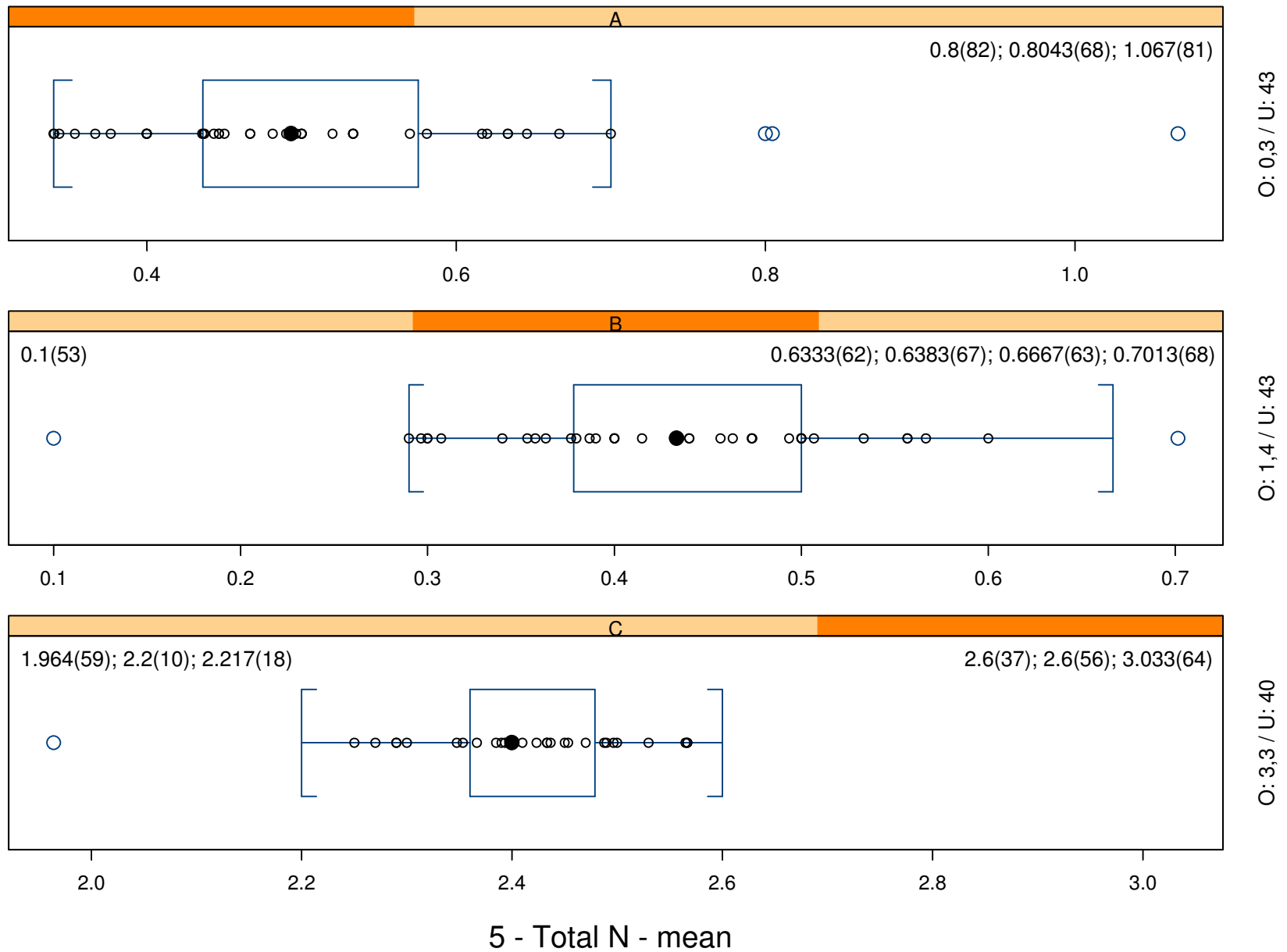
N: 43 NA: 0 Z: 0 E: 0 U: 43
a: 0.4424 m: 0.4333 s: 0.1161

N: 43 NA: 0 Z: 0 E: 2,1 U: 40
a: 2.415 m: 2.4 s: 0.3287

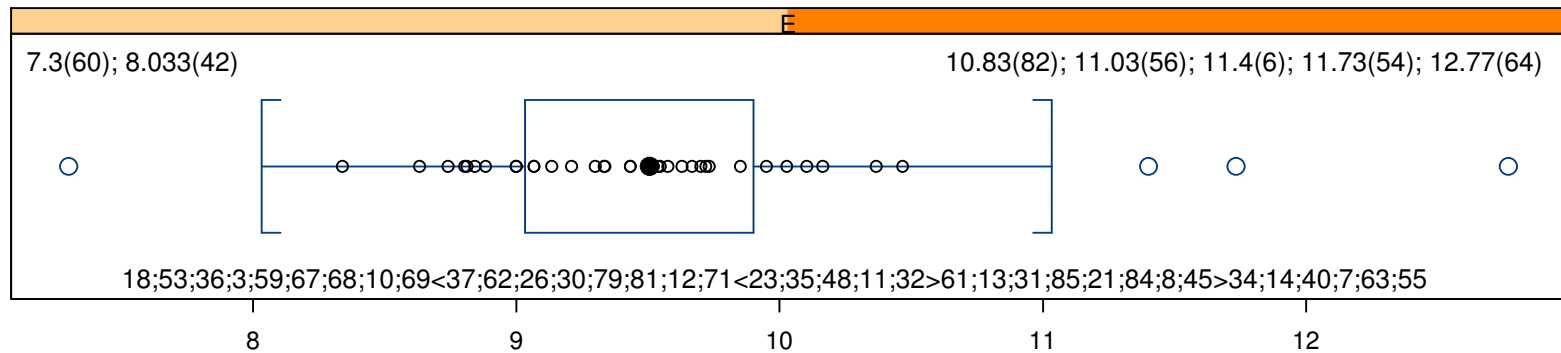
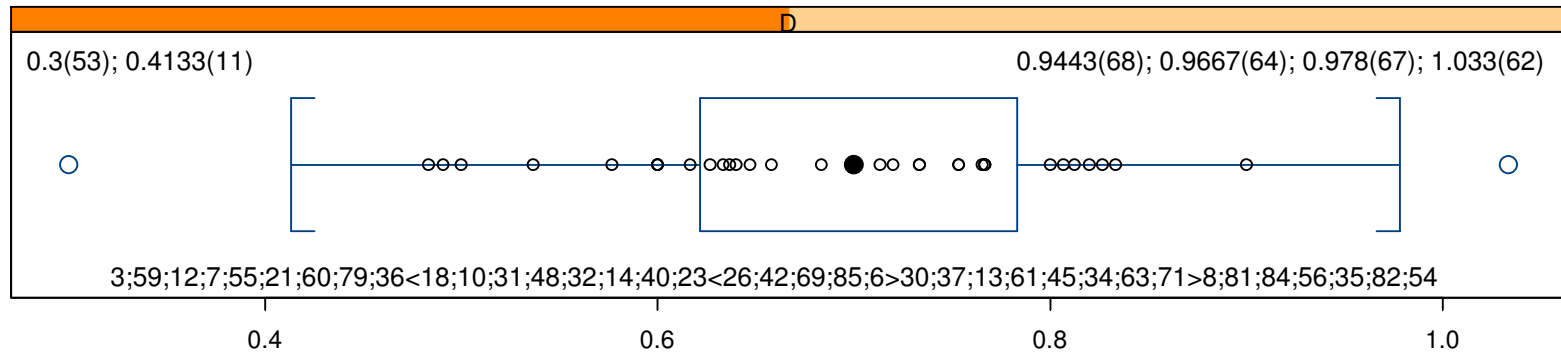
Histogram of the means of samples D and E



Box plot of the means of samples A, B and C

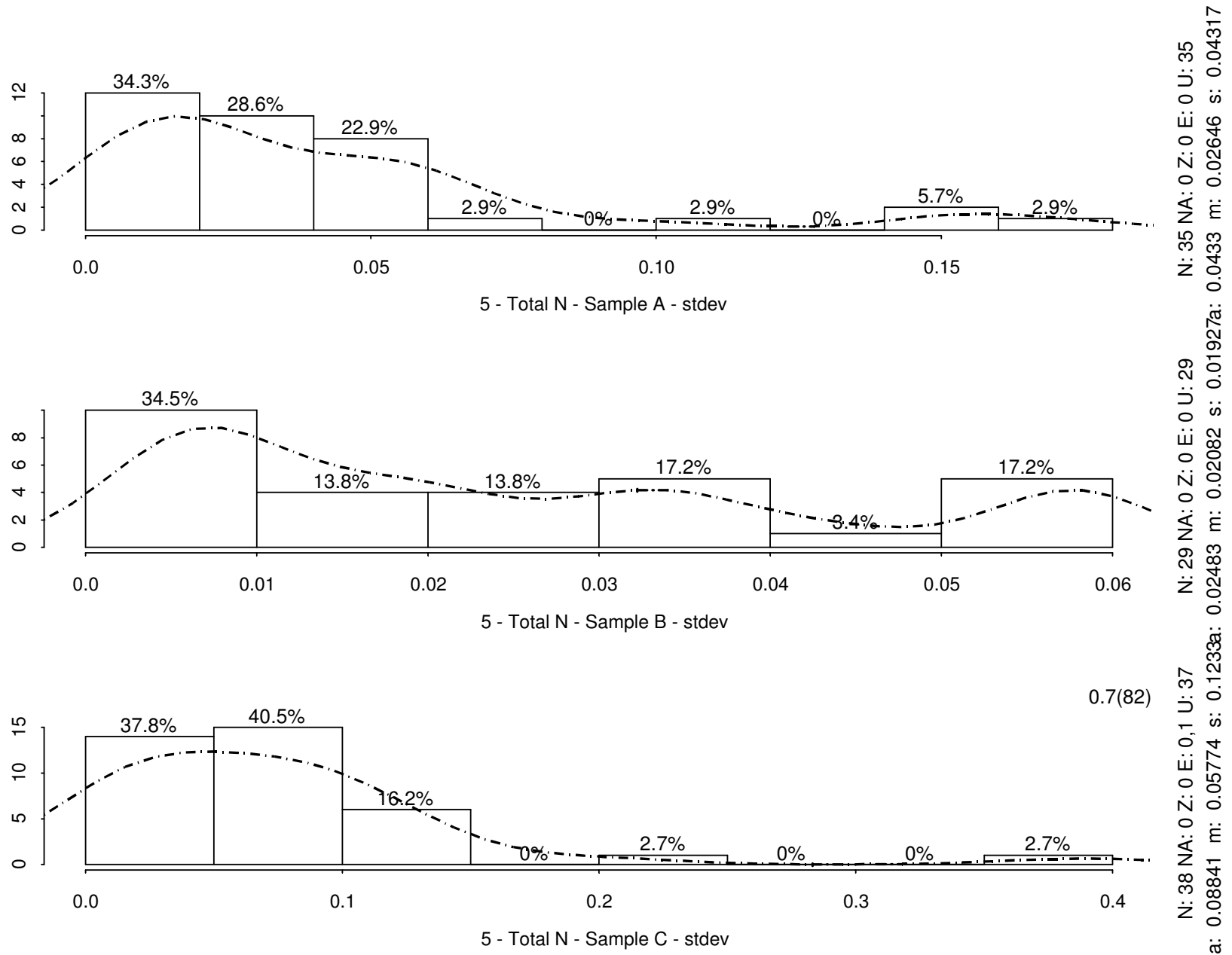


Box plot of the means of samples D and E

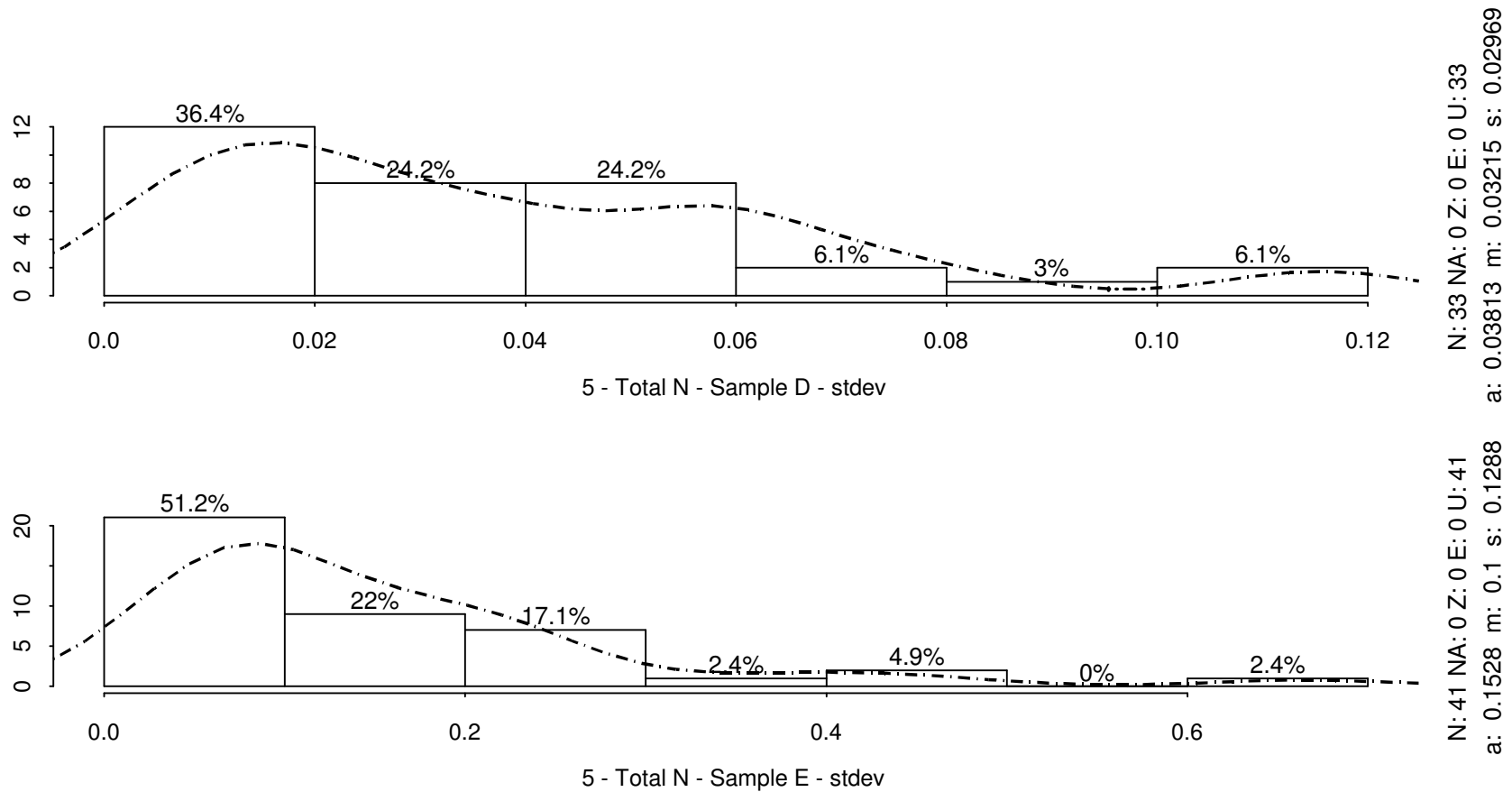


5 - Total N - mean

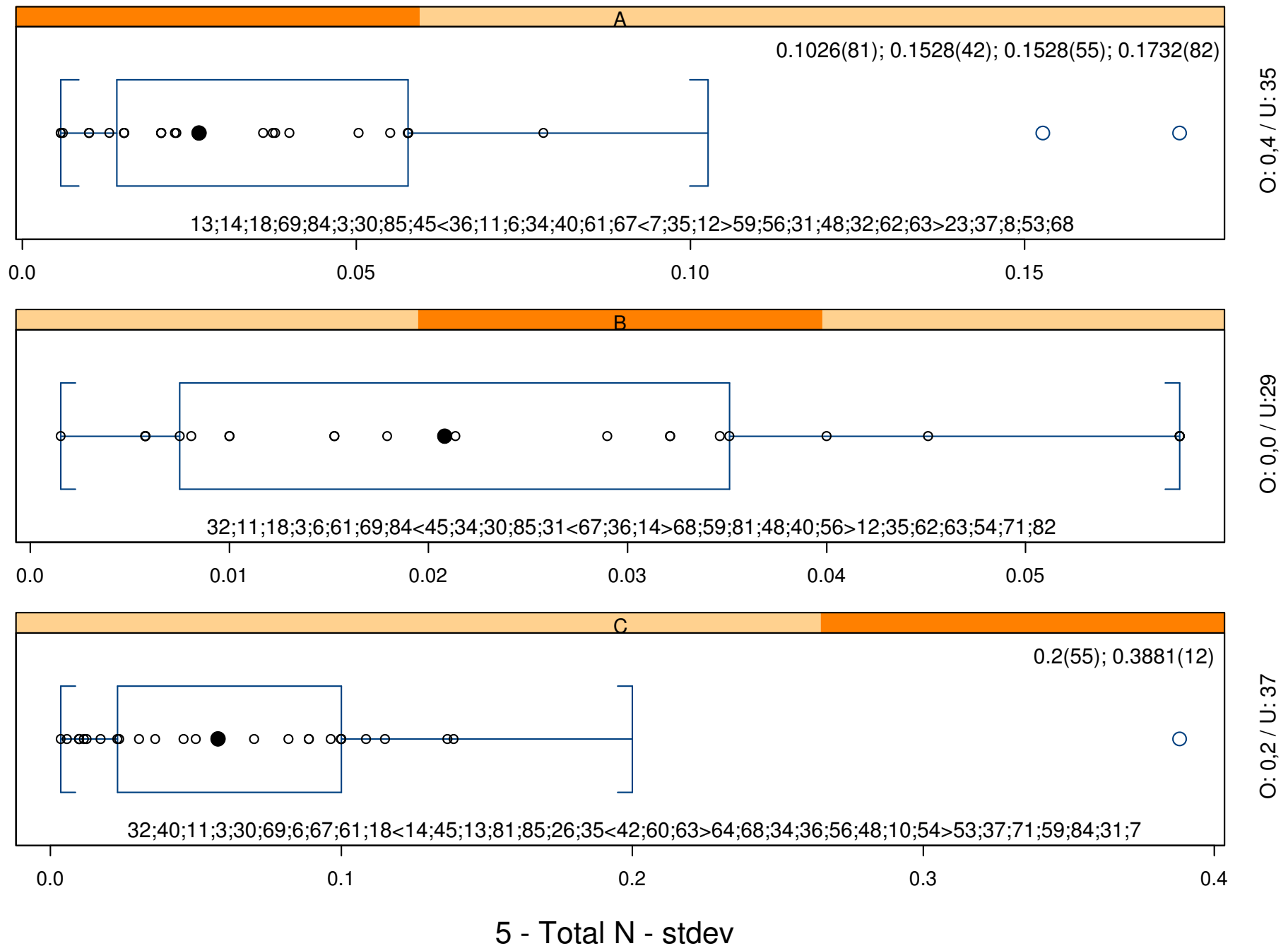
Histogram of the standard deviations of samples A, B and C



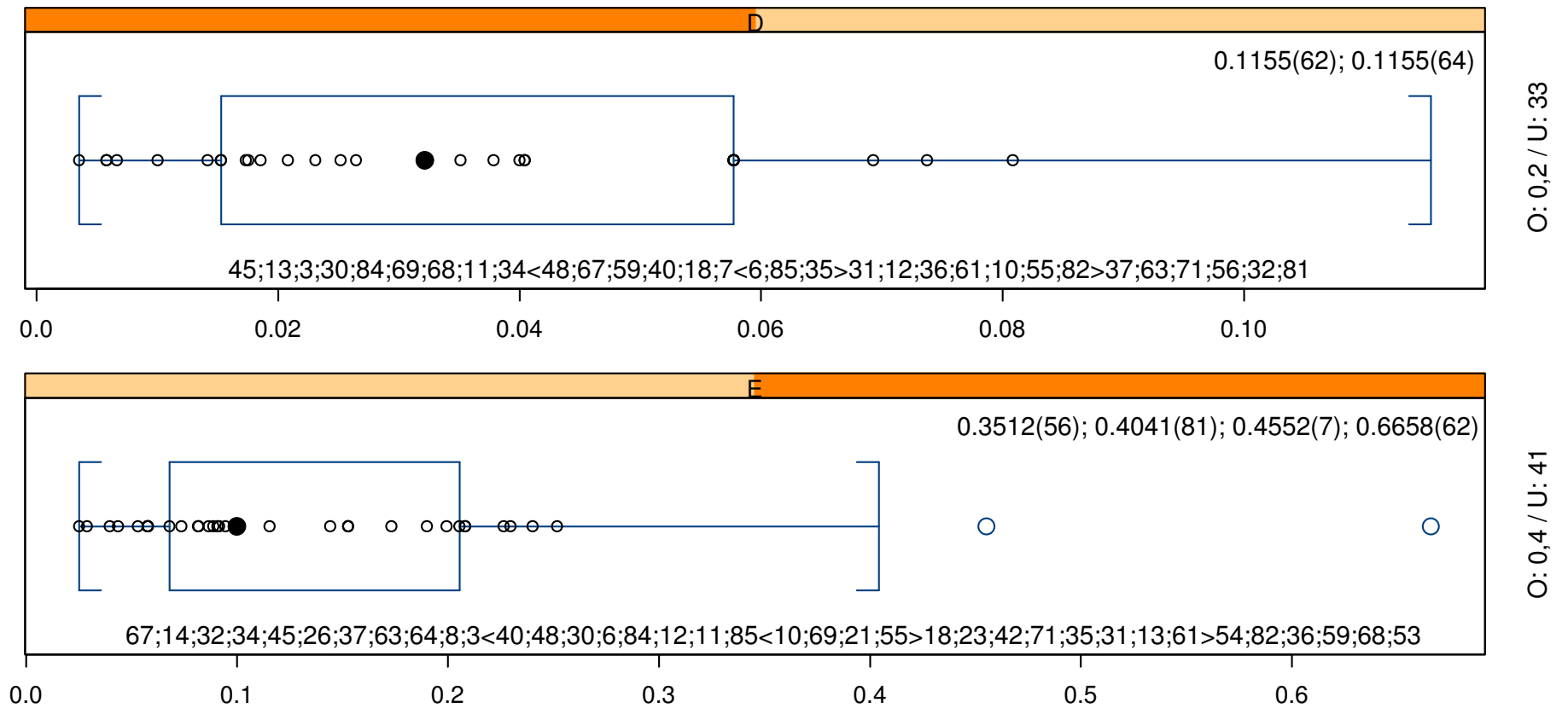
Histogram of the standard deviations of samples D and E



Box plot of the standard deviations of sample A, B and C



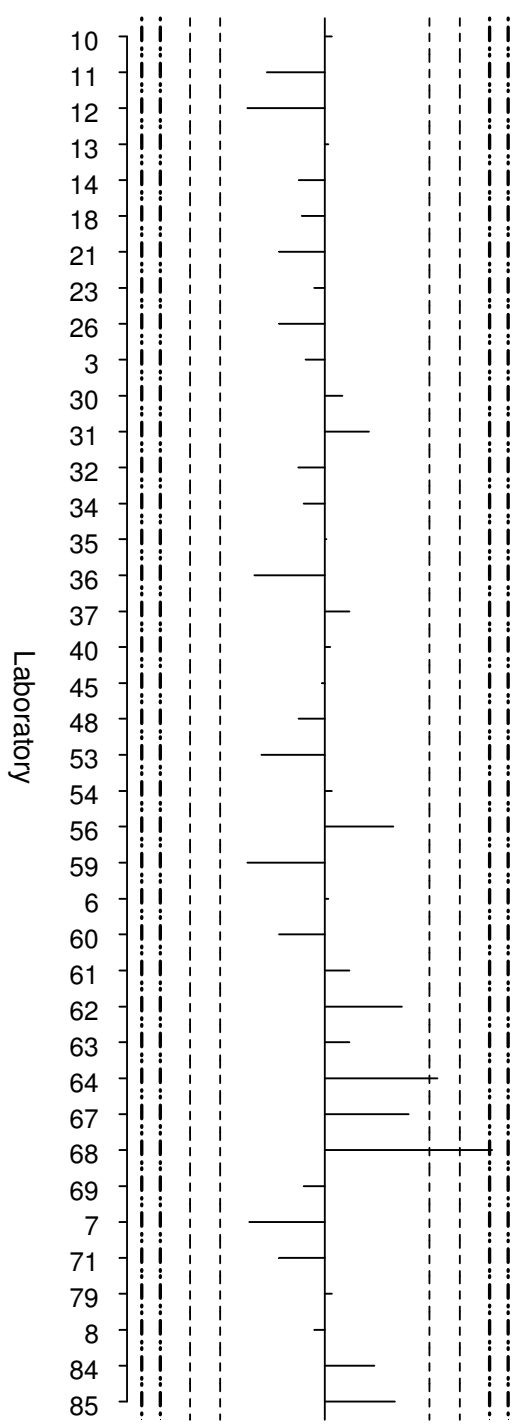
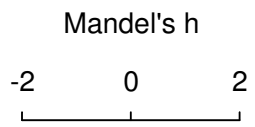
Box plot of the standard deviations of samples D and E



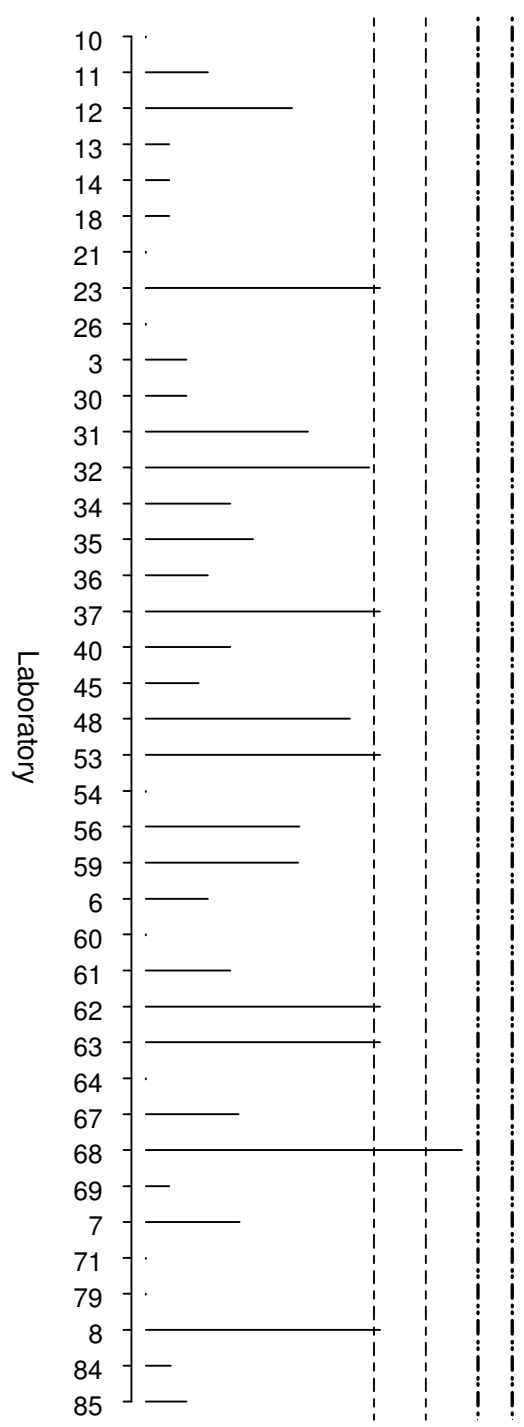
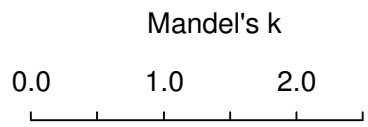
Mandel's h and k plots of sample A

5 - Total N - sample A

Step:2; Nlab:39; Mgen:0.4871; Fval:29.83; Pval:0; sRep:0.03274; slab:0.1015; sRpr:0.1066; CV:21.89



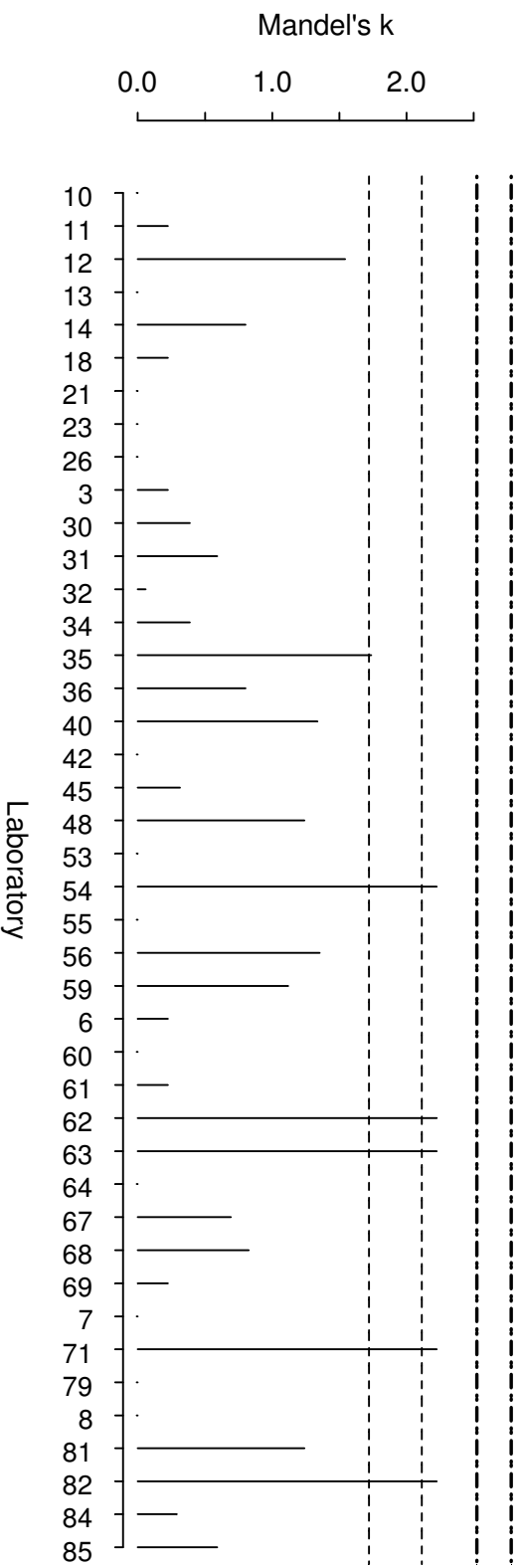
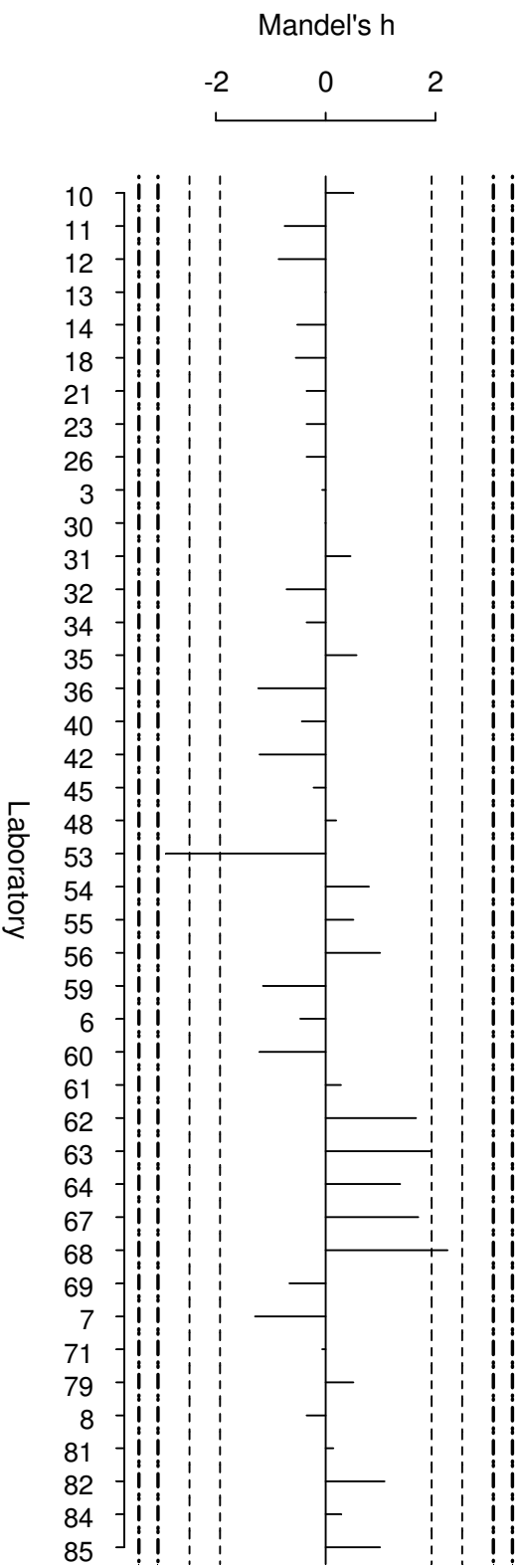
S: 68



Mandel's h and k plots of sample B

5 - Total N - sample B

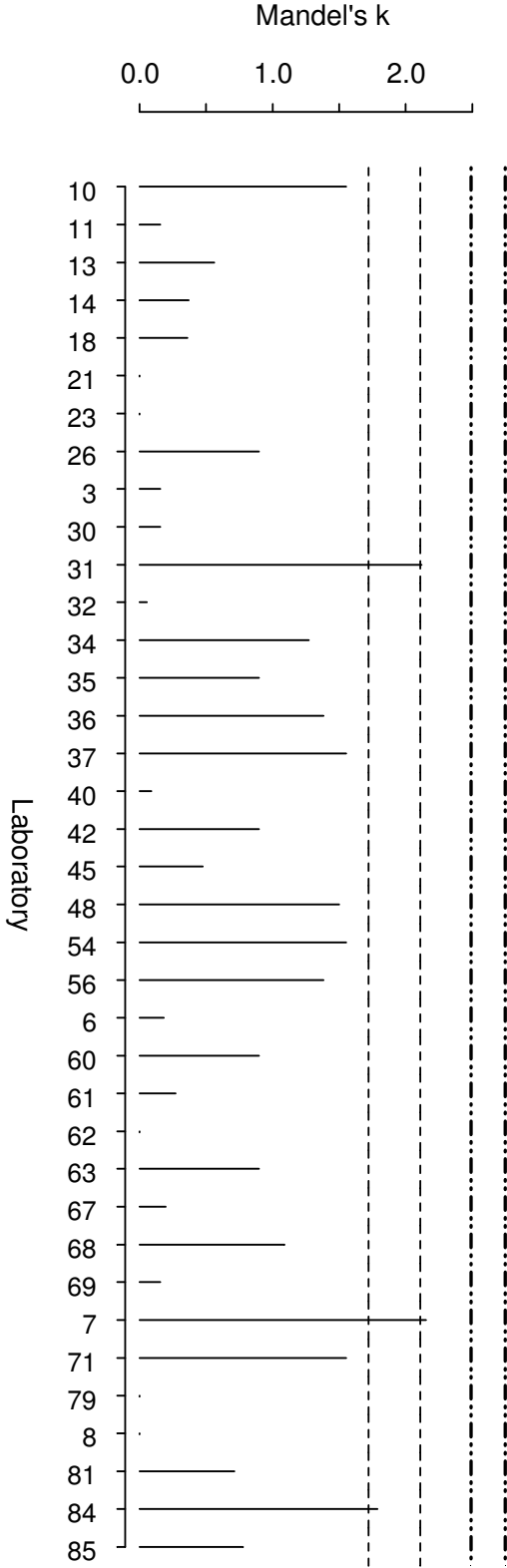
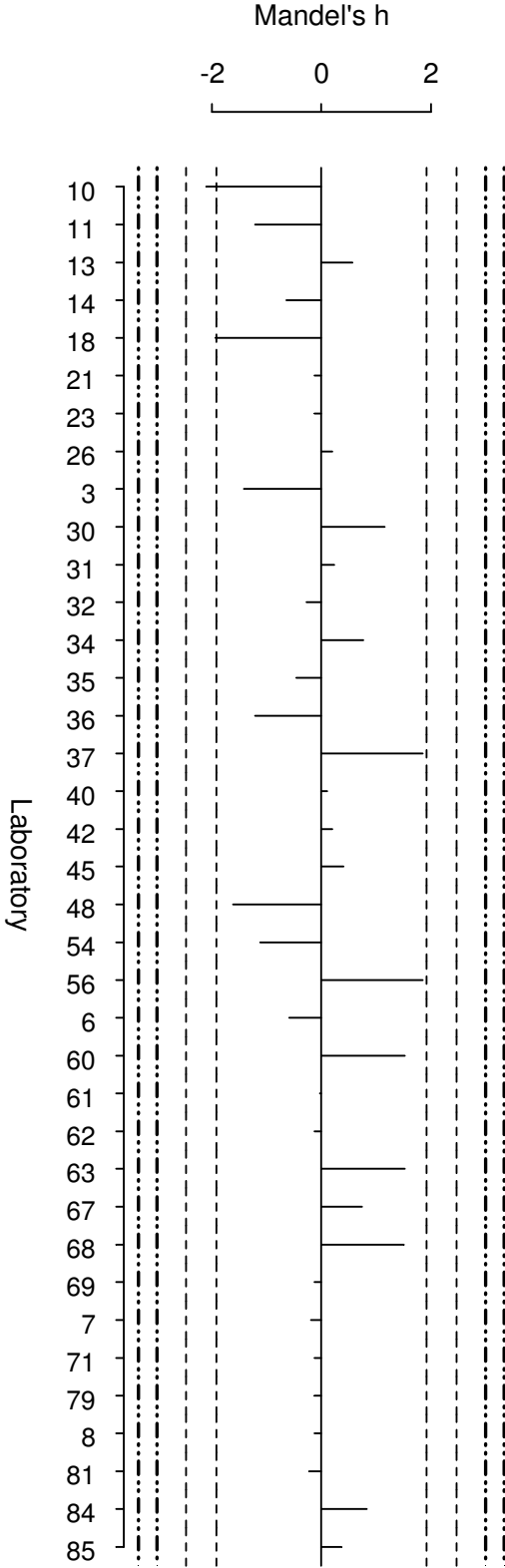
Step:1; Nlab:42; Mgen:0.441; Eval:61.13; Pval:0; sRep:0.02595; sLab:0.1162; sRpr:0.119; CV:26.99



Mandel's h and k plots of sample C

5 - Total N - sample C

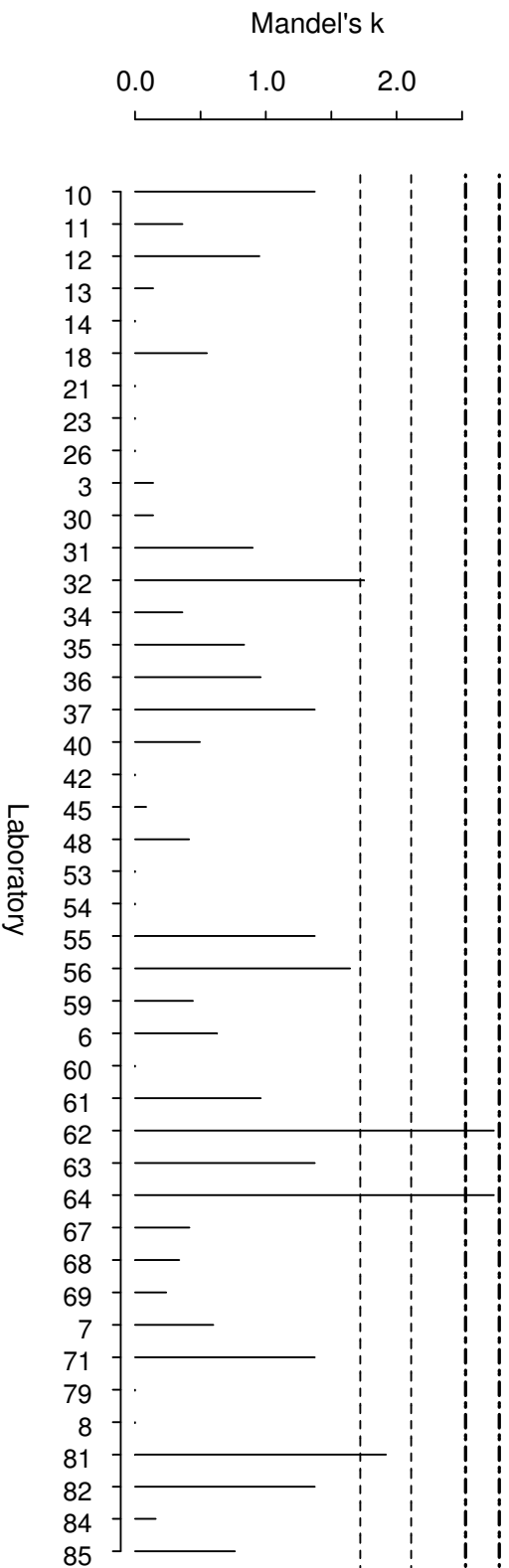
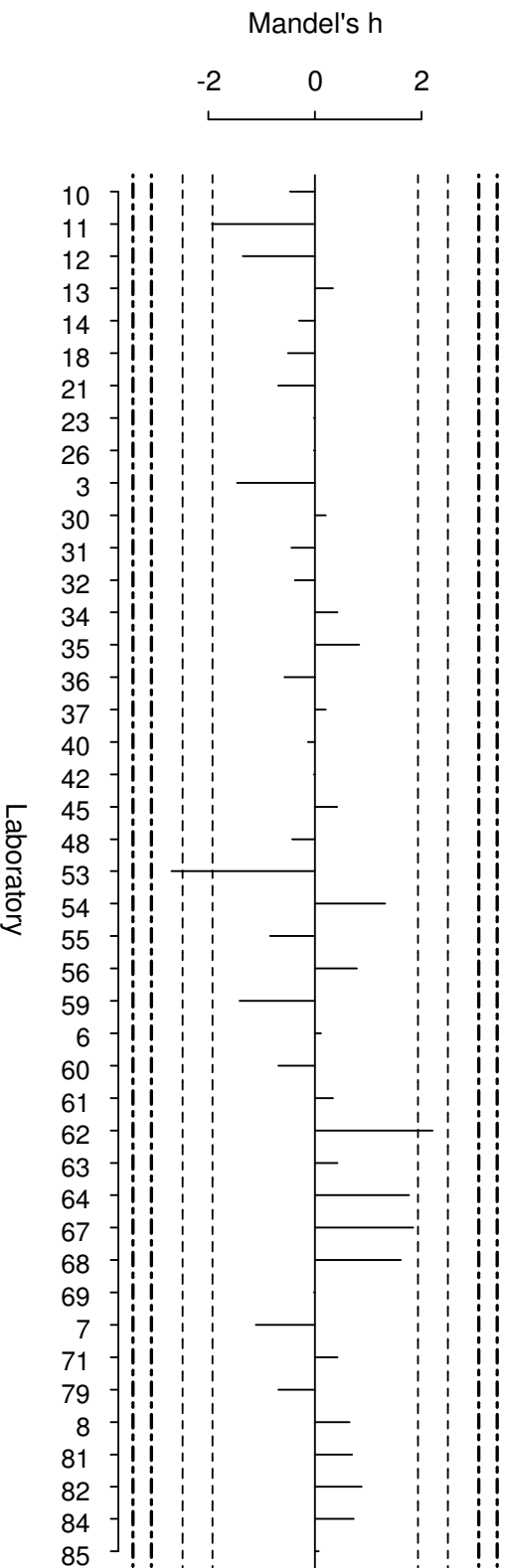
Step:6; Nlab:37; Mgen:2.413; Fval:7.375; Pval:2.731e-011; sRep:0.0644; sLab:0.09388; sRpr:0.1138; CV:4.719



Mandel's h and k plots of sample D

5 - Total N - sample D

Step: 1; Nlab:43; Mgen:0.7032; Fval:37.94; Pval:0; sRep:0.04209; slab:0.1477; sRpr:0.1536; CV:21.84

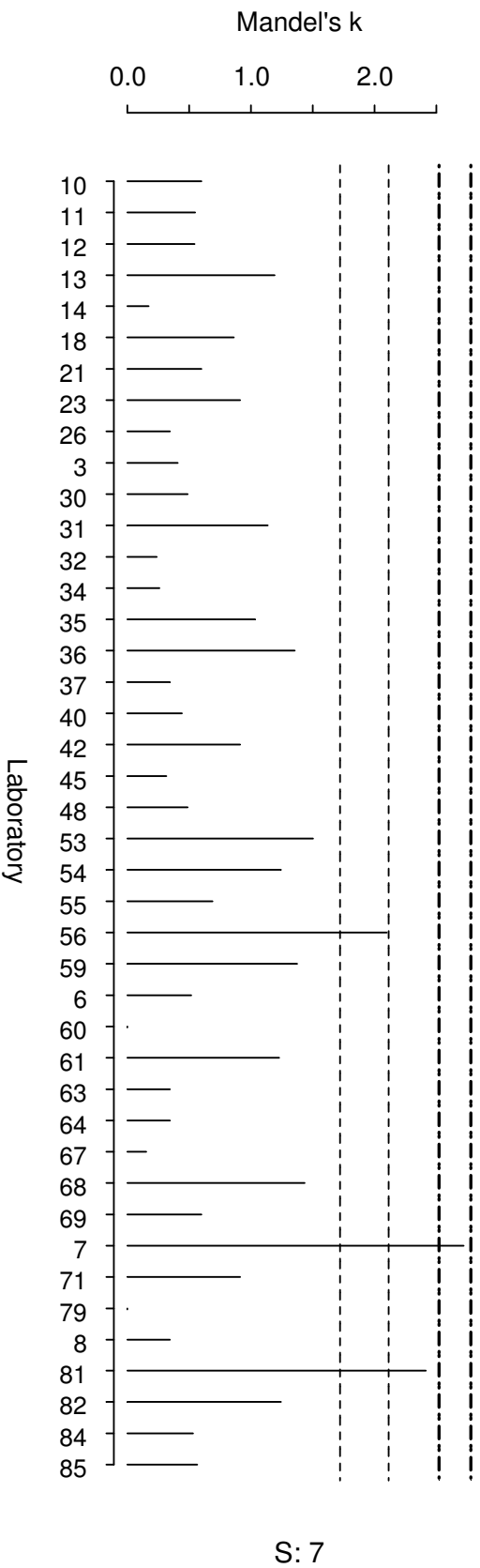
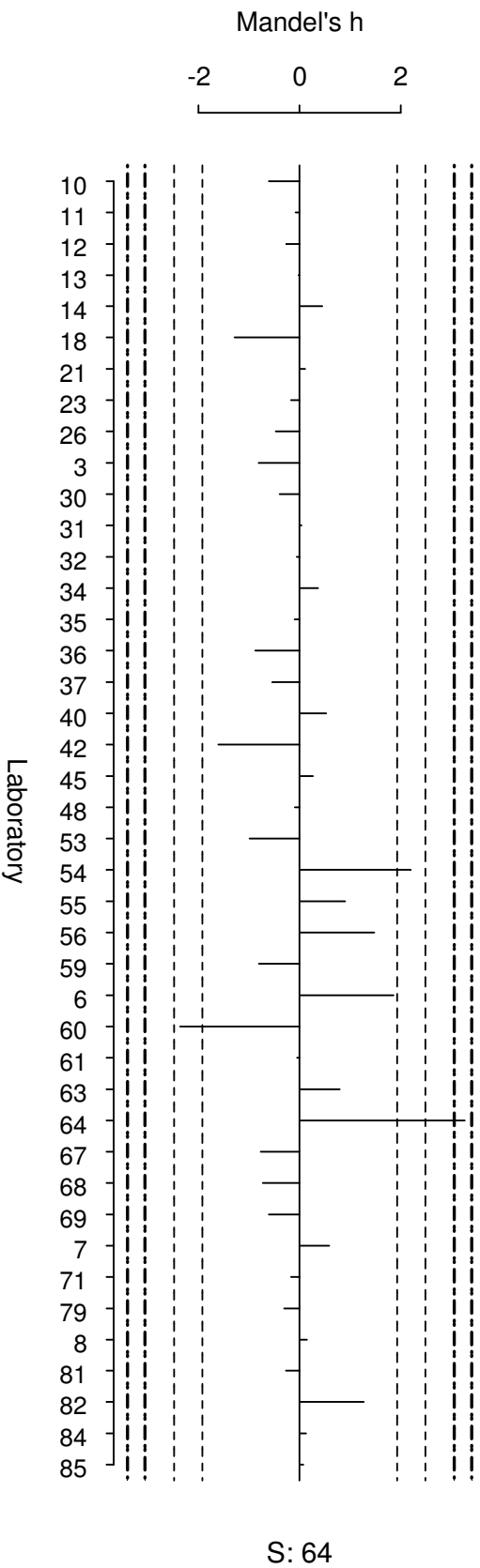


S: 62,64

Mandel's h and k plots of sample E

5 - Total N - sample E

Step:2; Nlab:42; Mgen:9.594; Fval:101.2; Pval:0; sRep:0.1674; sLab:0.9675; sRpr:0.9818; CV:10.23



E: k62