



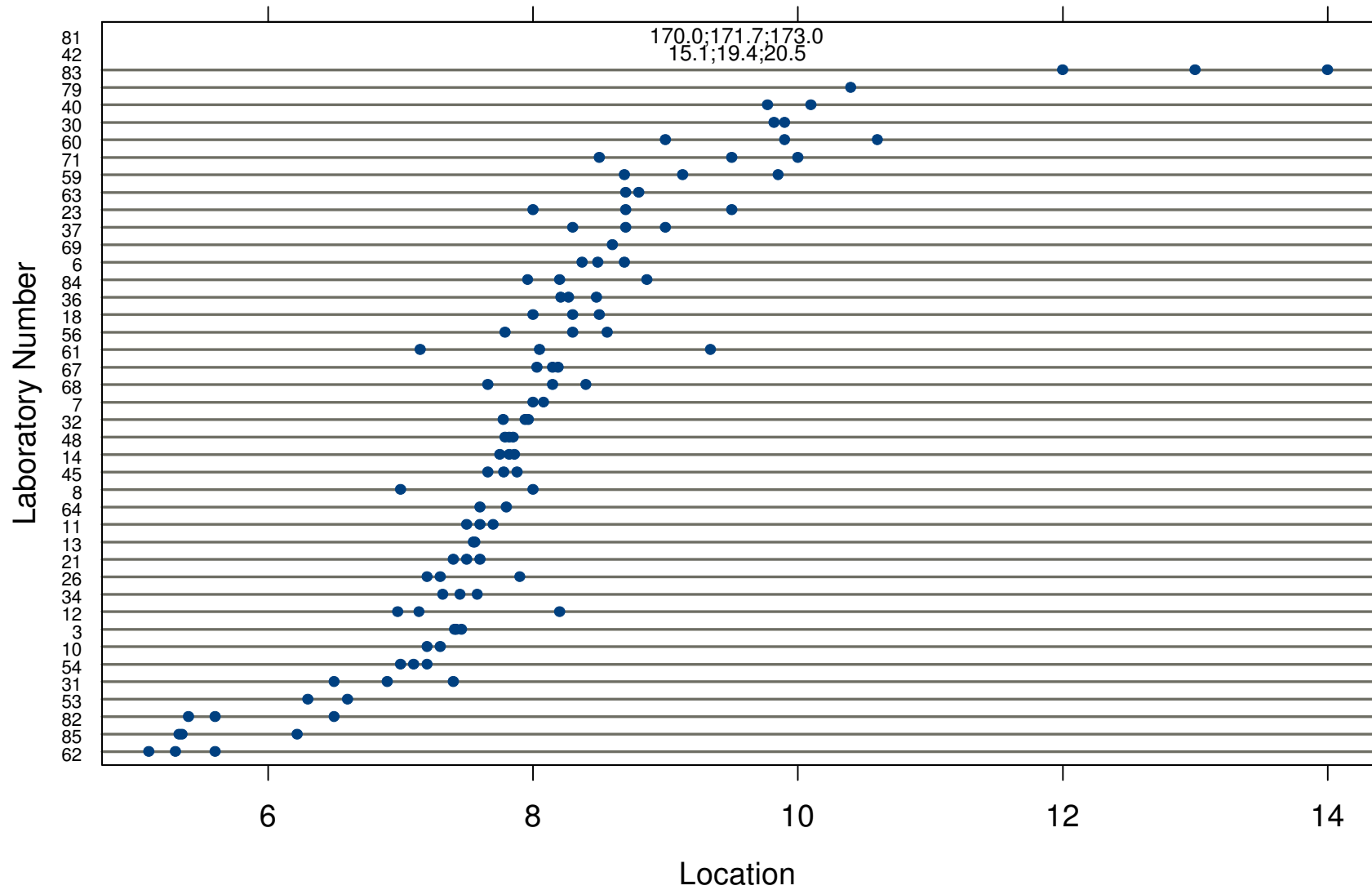
Annex 5: Statistical data analysis

Group 4: Organic Carbon (SA08)

Organic carbon

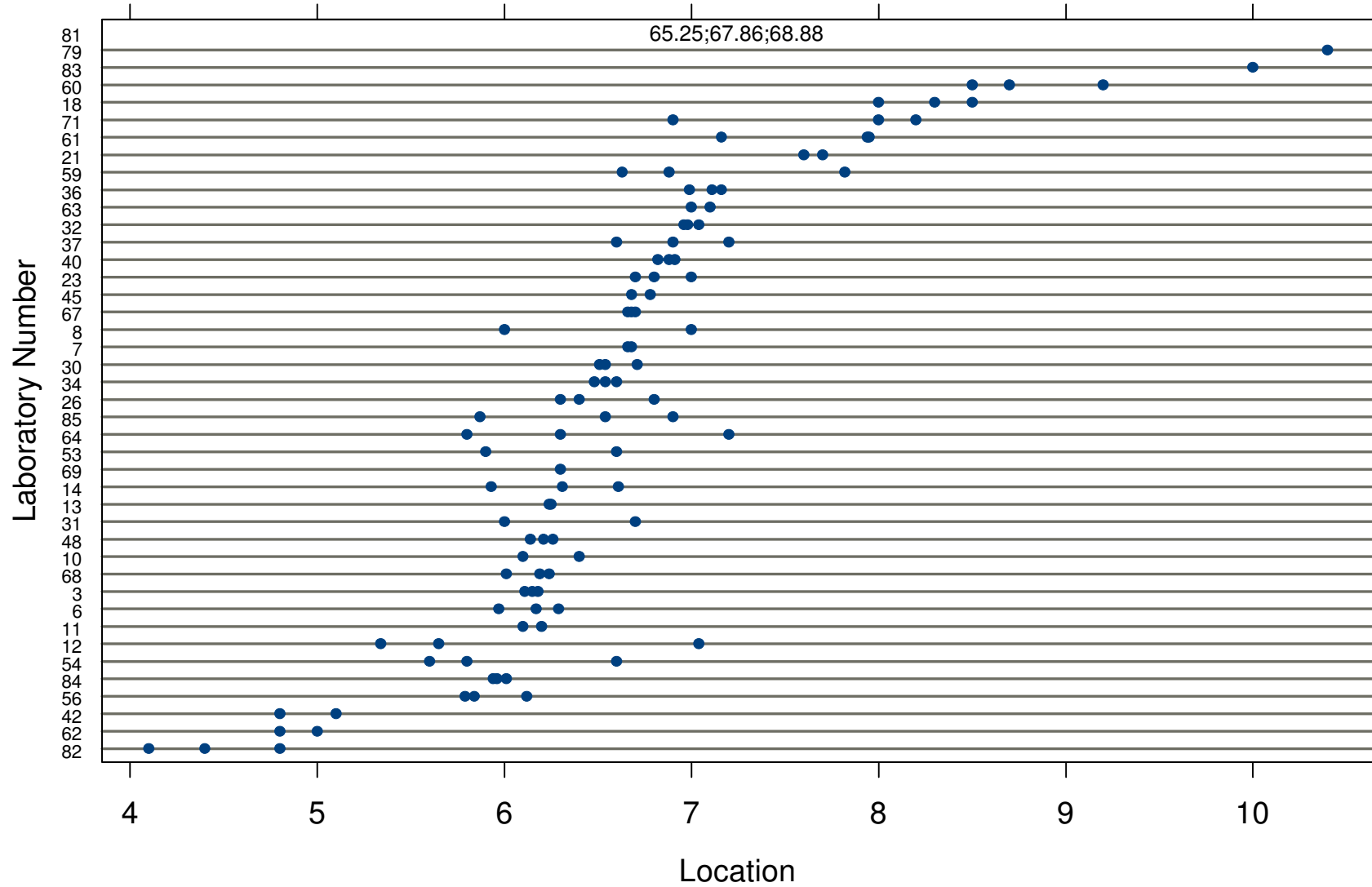
Dot plot sample A

4 - OC - Sample A



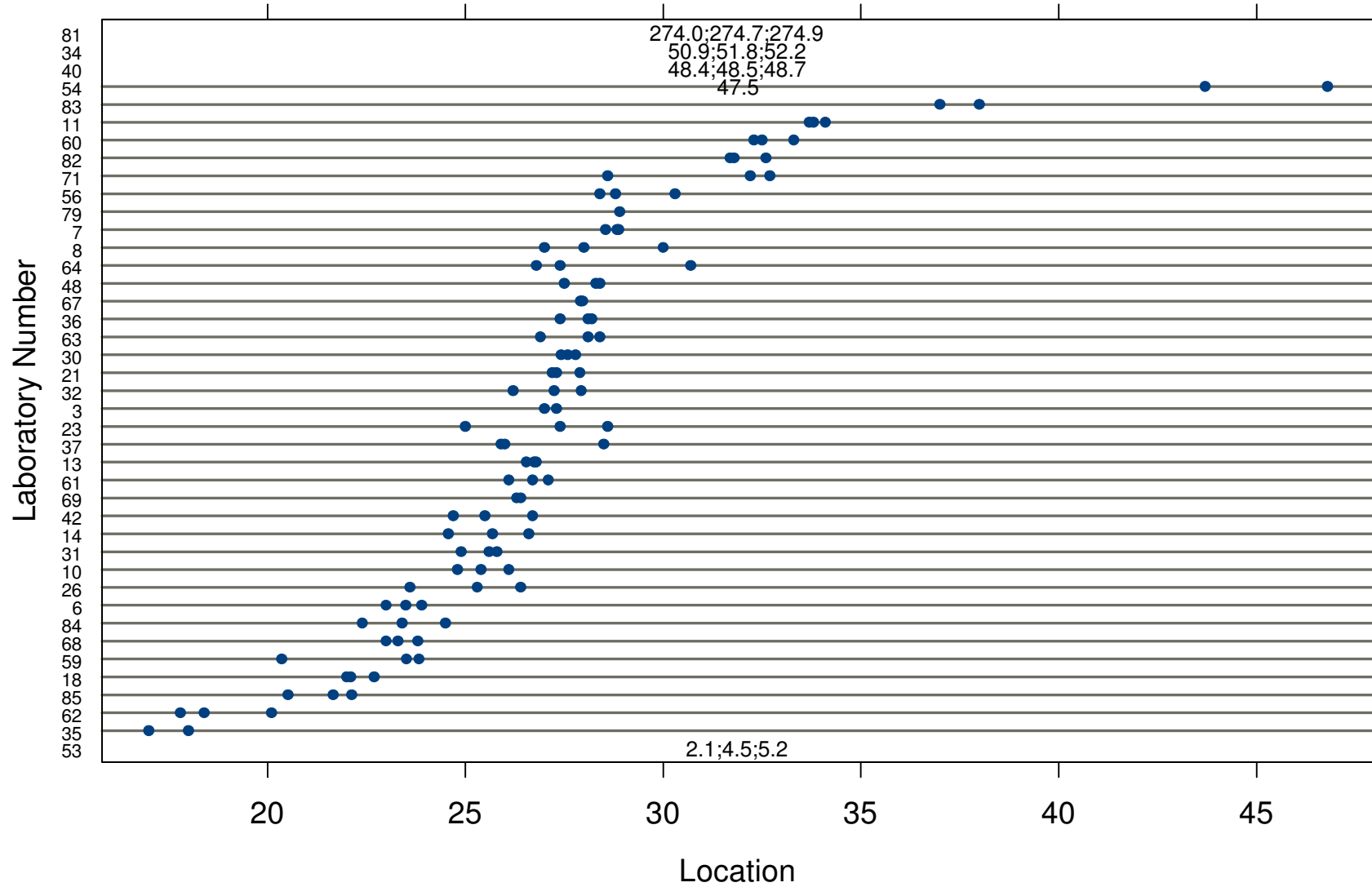
Dot plot sample B

4 - OC - Sample B



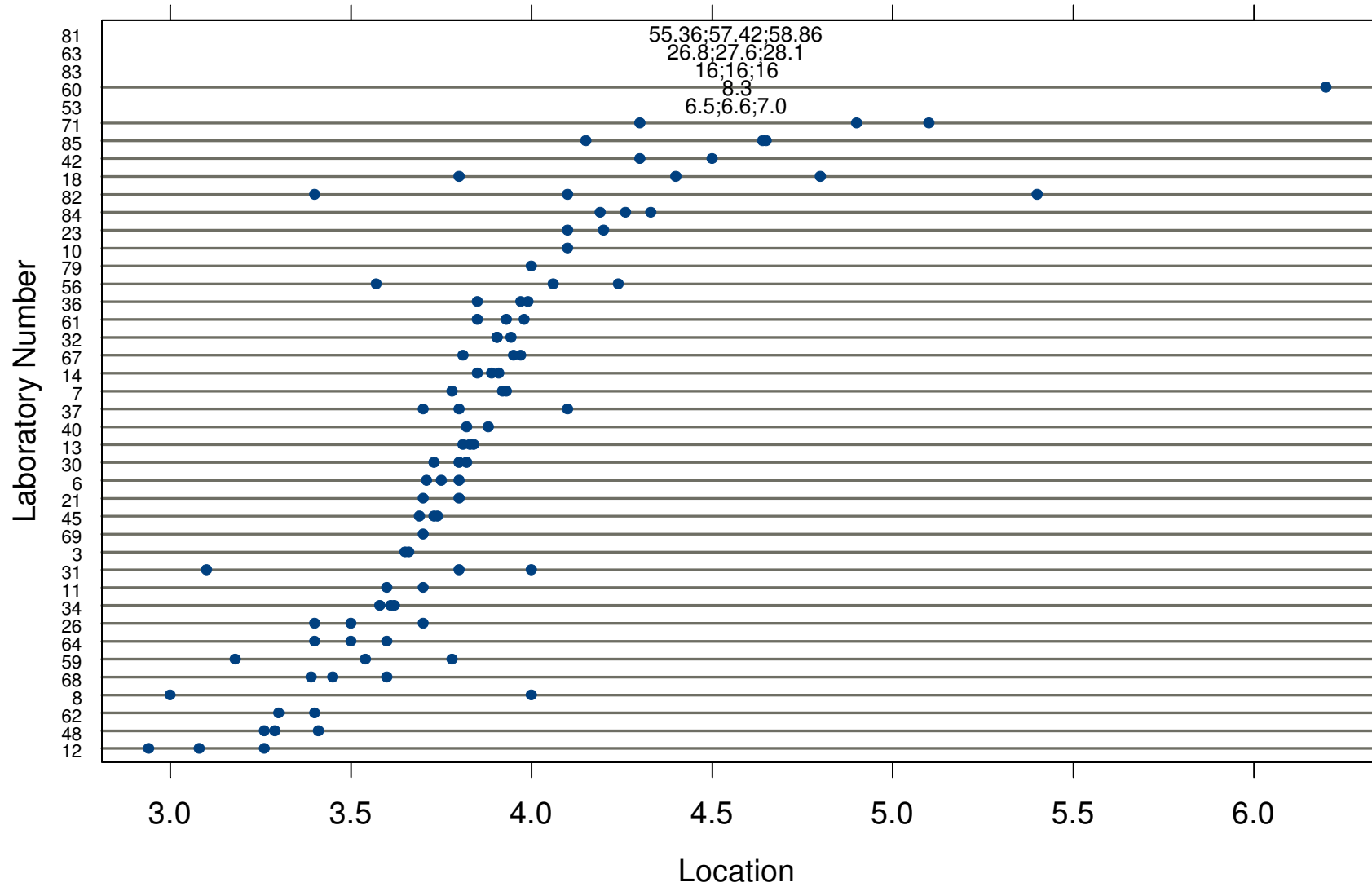
Dot plot sample C

4 - OC - Sample C



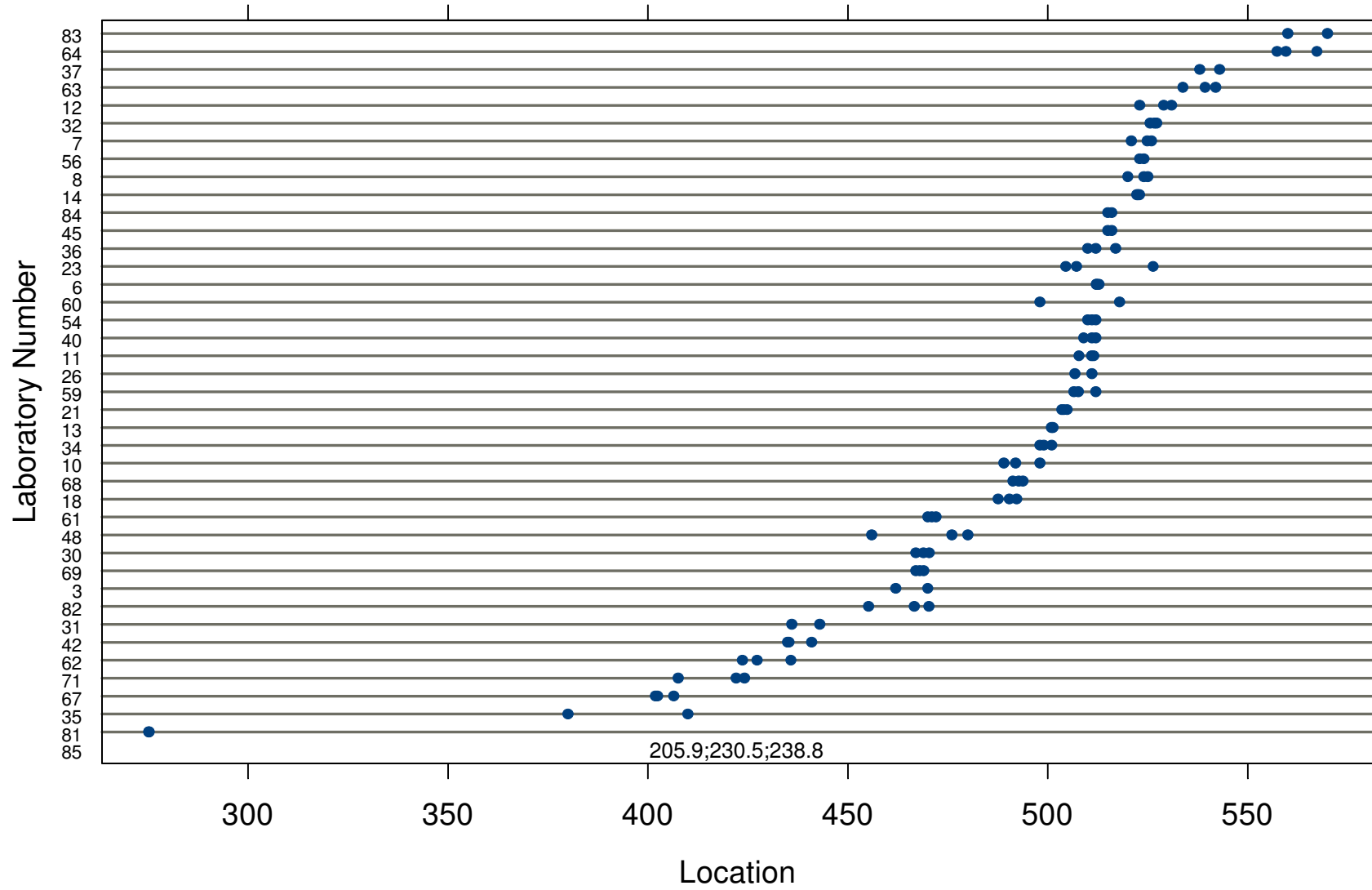
Dot plot sample D

4 - OC - Sample D

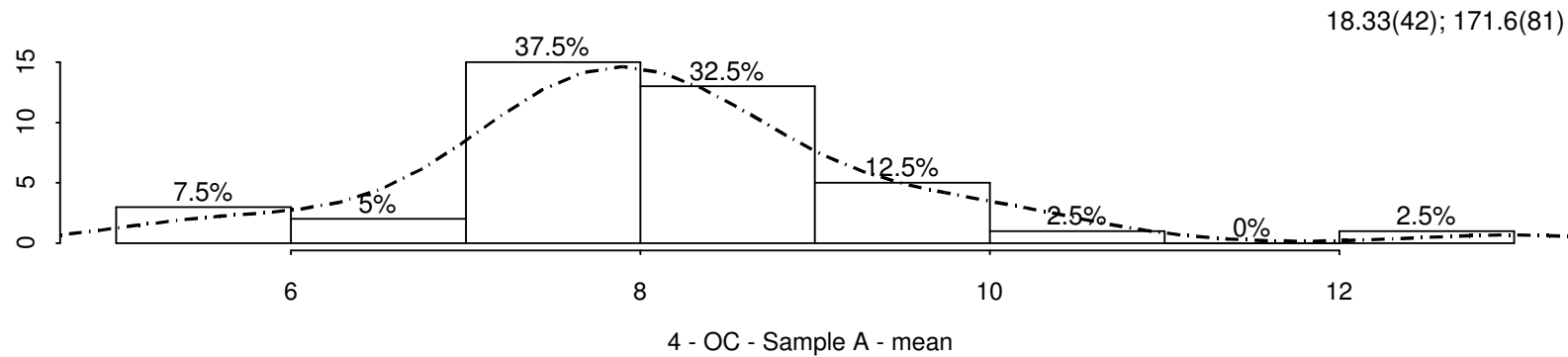


Dot plot sample E

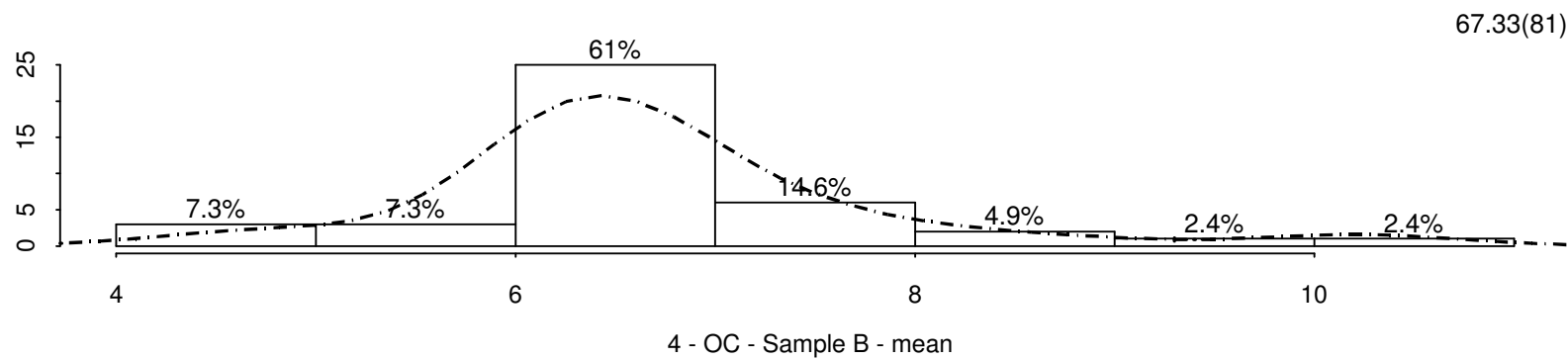
4 - OC - Sample E



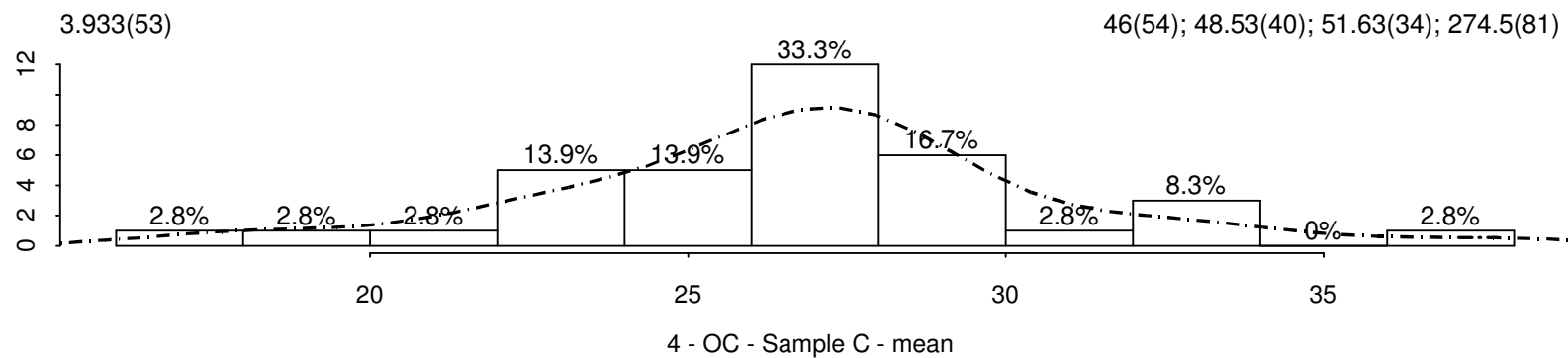
Histogram of the means of samples A, B and C



N: 42 NA: 0 Z: 0 E: 0,2 U: 40
a: 12.24 m: 8.062 s: 25.27

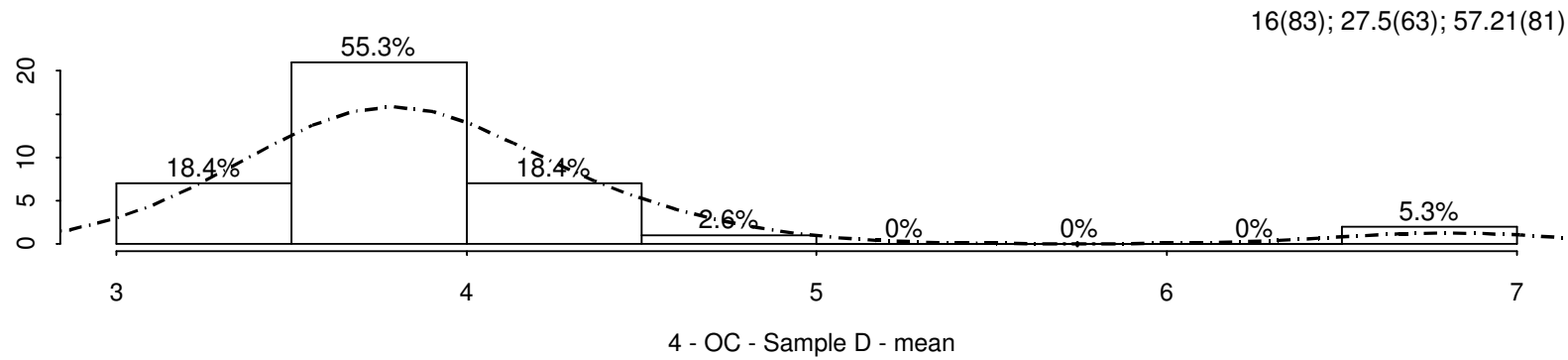


N: 42 NA: 0 Z: 0 E: 0,1 U: 41
a: 8.155 m: 6.52 s: 9.42

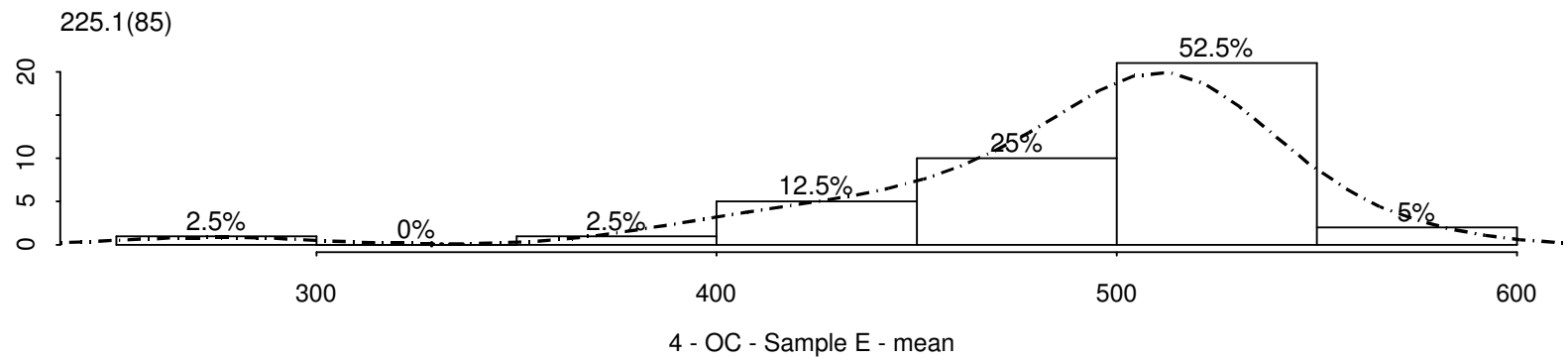


N: 41 NA: 0 Z: 0 E: 1,4 U: 36
a: 33.91 m: 27.13 s: 39.31

Histogram of the means of samples D and E

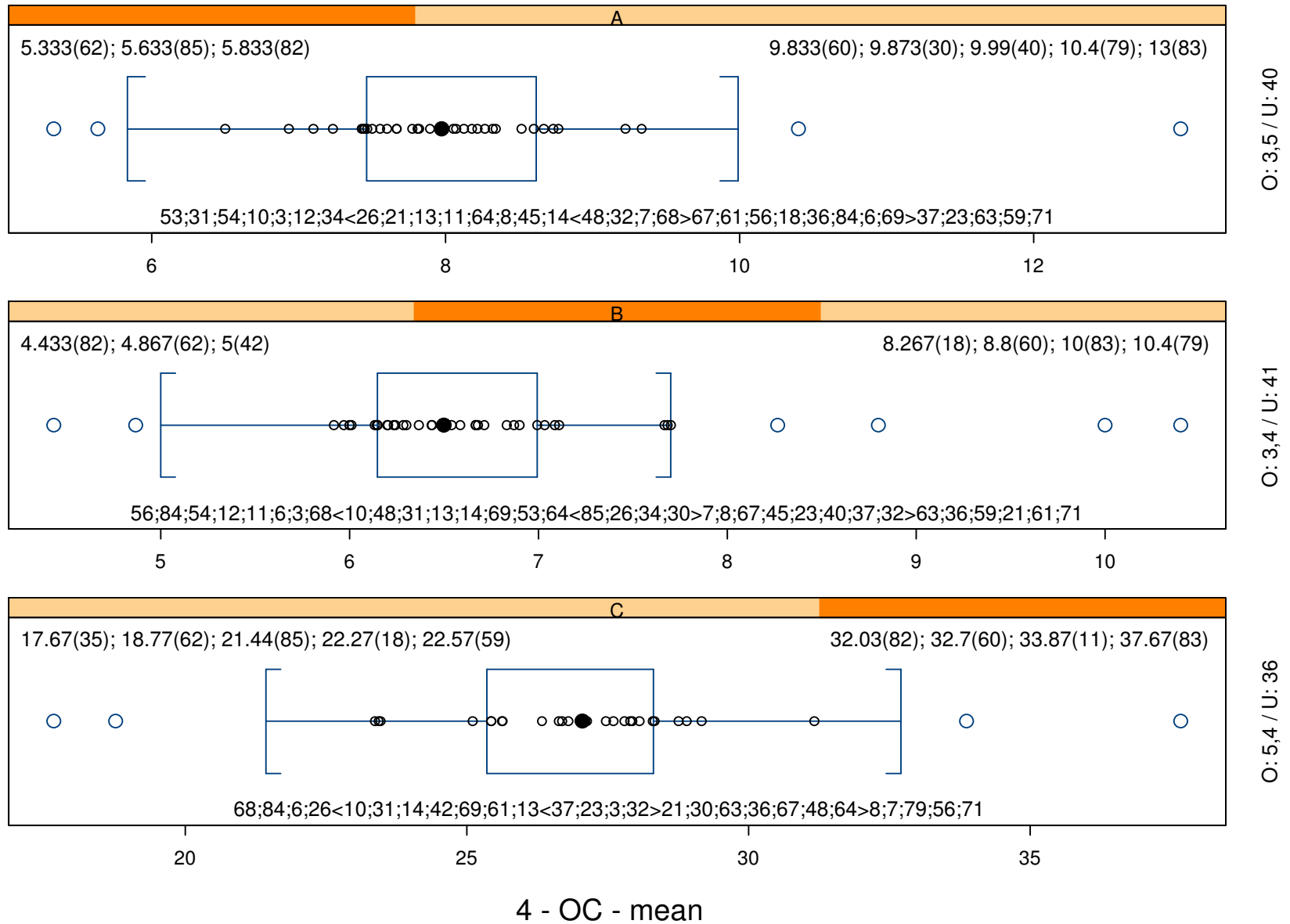


N: 41 NA: 0 Z: 0 E: 0,3 U: 38
a: 6.156 m: 3.877 s: 9.163

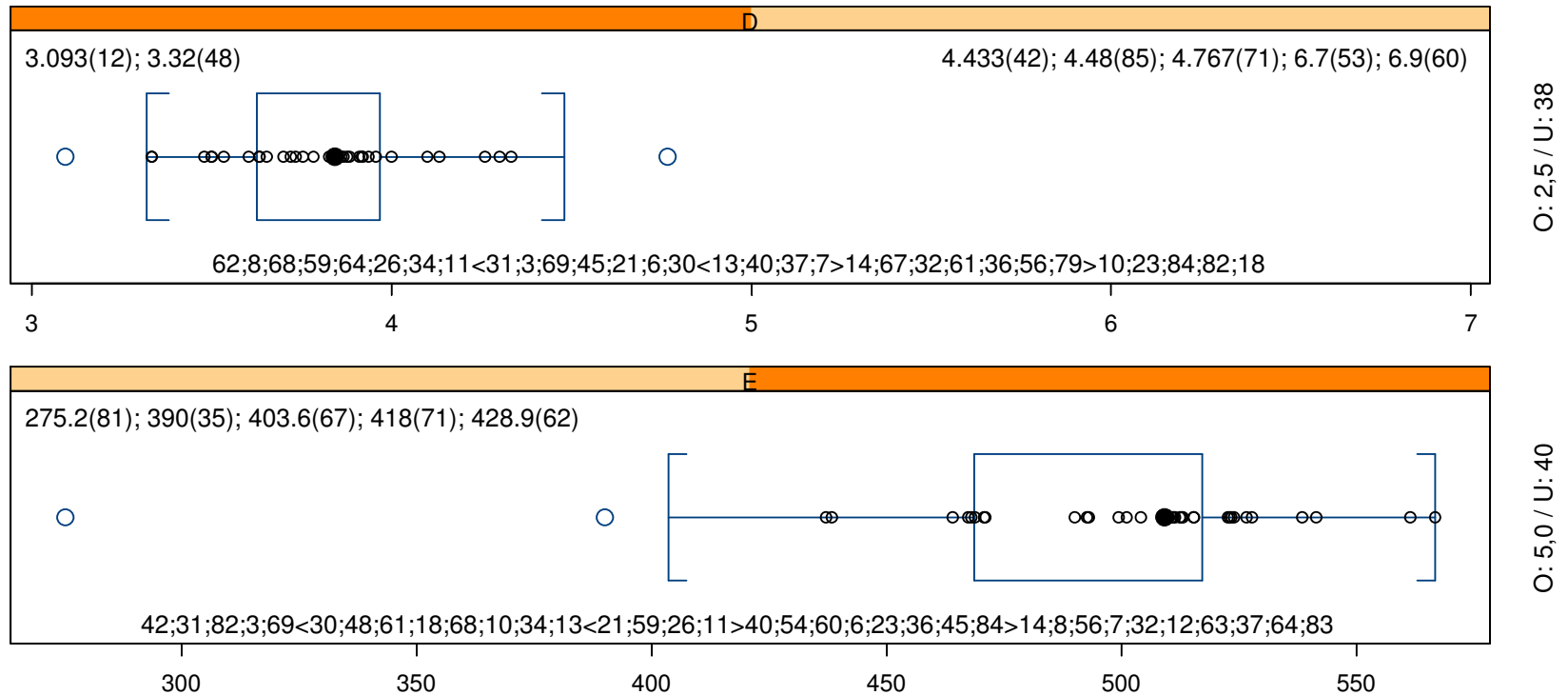


N: 41 NA: 0 Z: 0 E: 1,0 U: 40
a: 482.7 m: 508.7 s: 66.65

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

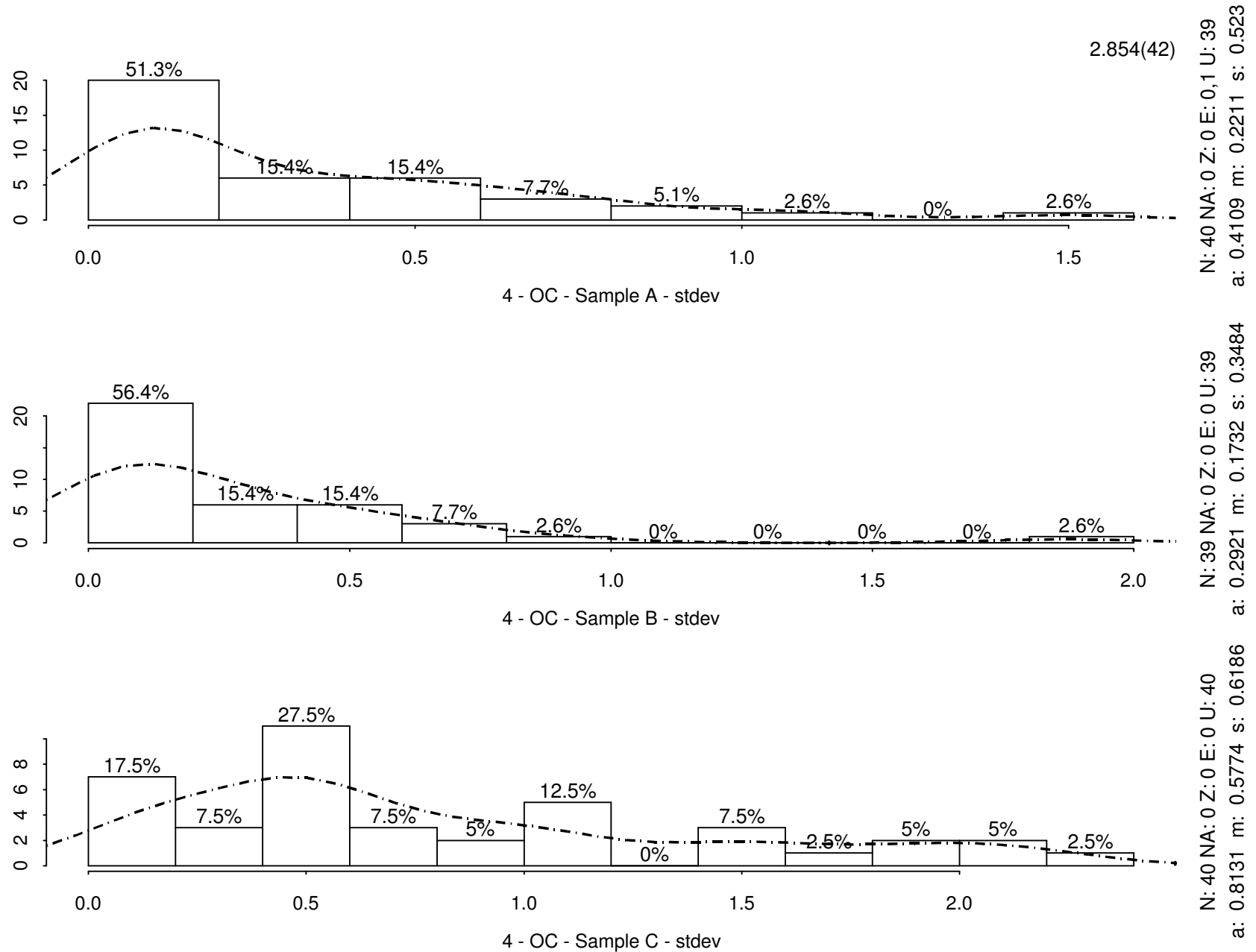


Box plot of the means of samples D and E

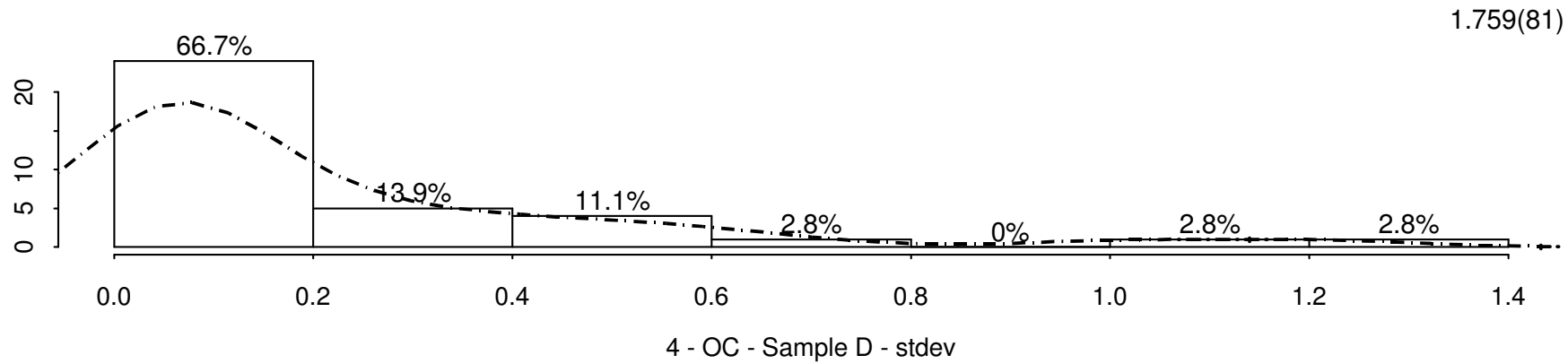


4 - OC - mean

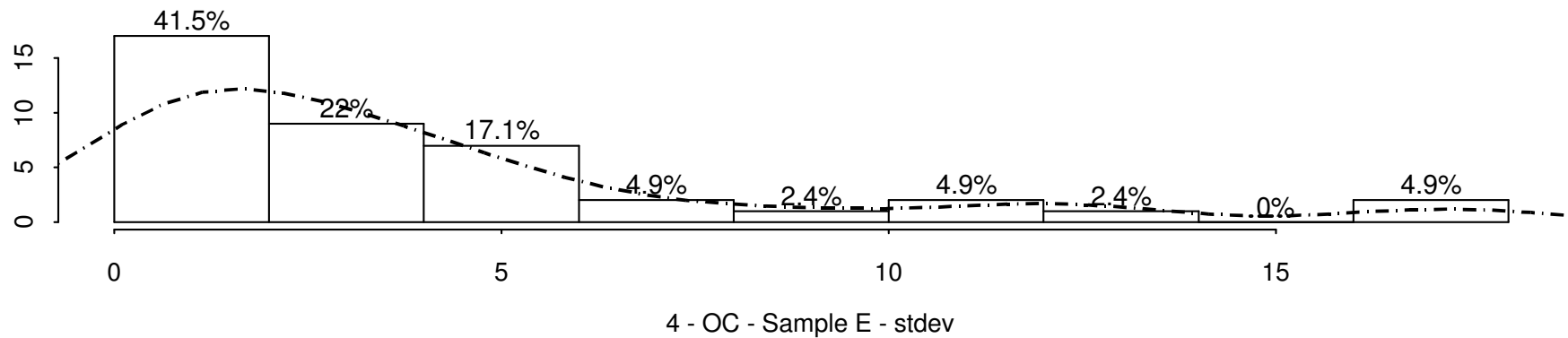
Histogram of the standard deviations of samples A, B and C



Histogram of the standard deviations of samples D and E

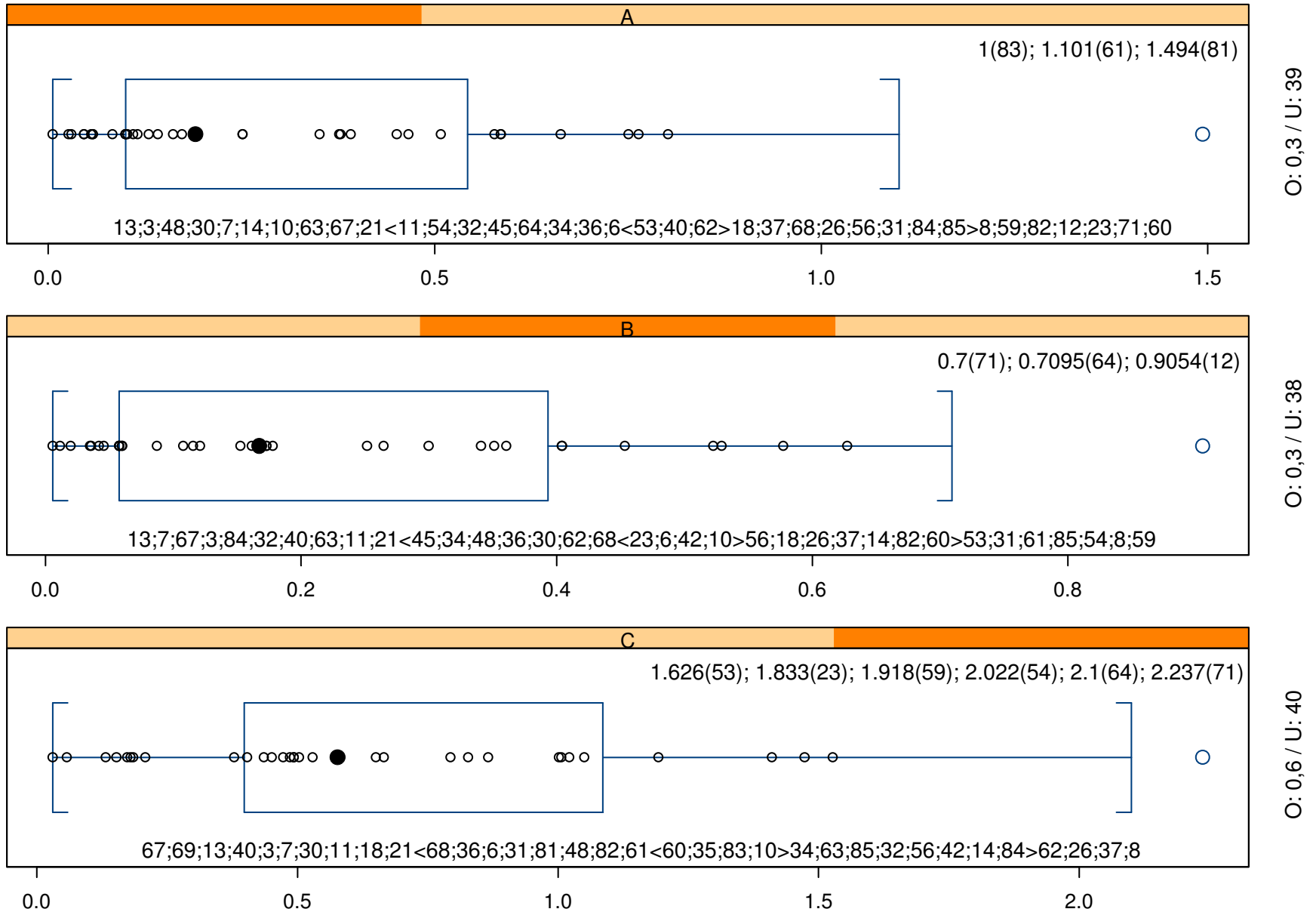


N: 37 NA: 0 Z: 0 E: 0,1 U: 36
a: 0.2594 m: 0.08718 s: 0.3752

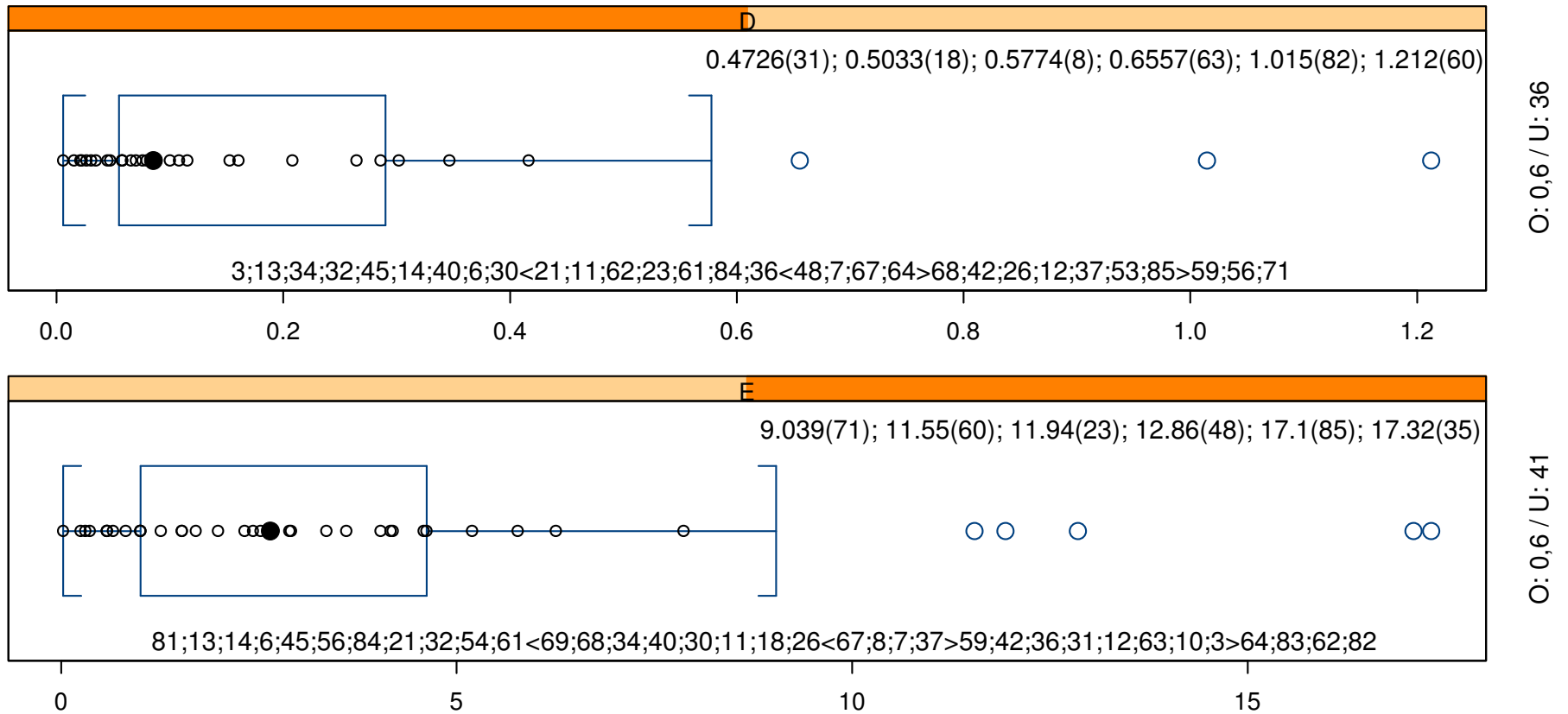


N: 41 NA: 0 Z: 0 E: 0 U: 41
a: 4.073 m: 2.646 s: 4.42

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



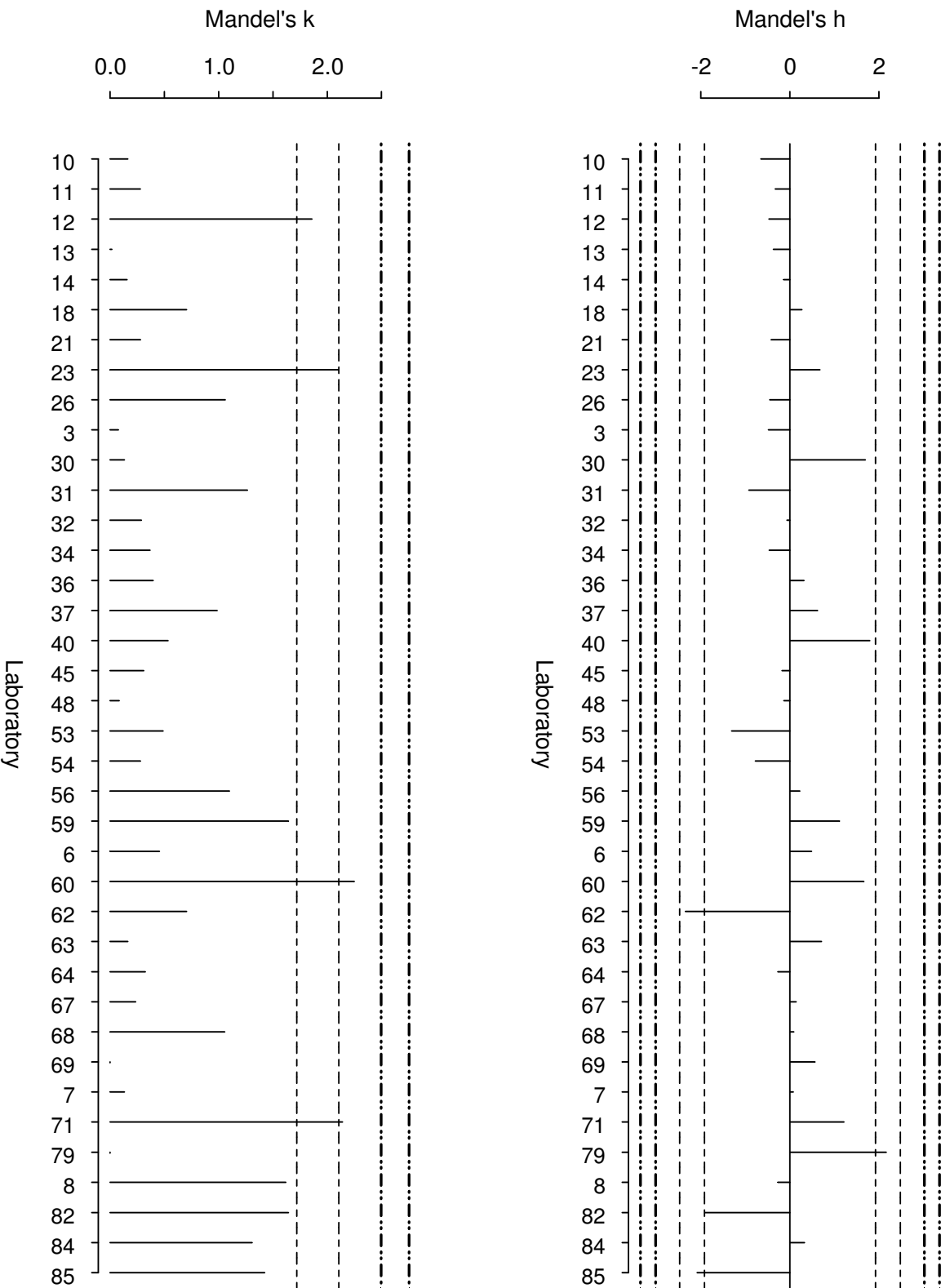
Box plot of the standard deviations of samples D and E



Mandel's h and k plots of sample A

4 - OC - sample A

Step:4; Nlab:38; Mgen:7.973; Fval:29.81; Pval:0; sRep:0.3567; sLab:1.105; sRpr:1.161; CV:14.57



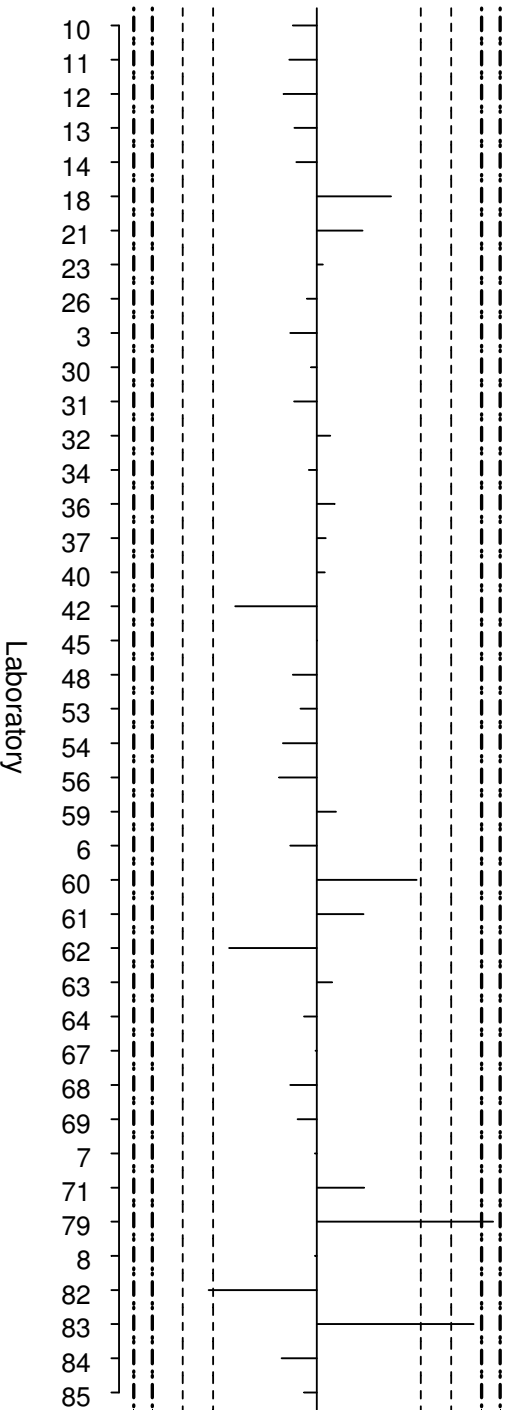
Mandel's h and k plots of sample B

4 - OC - sample B

Step:2; Nlab:41; Mgen:6.711; Fval:35.56; Pval:0; sRep:0.3289; sLab:1.116; sRpr:1.164; CV:17.34

Mandel's h

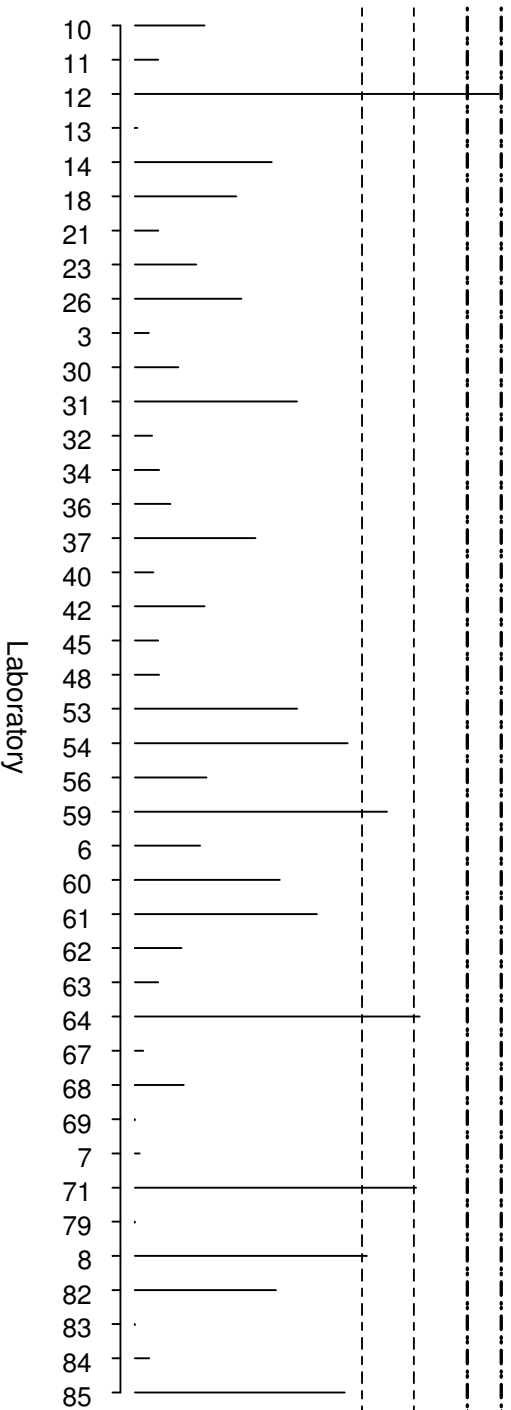
-2 0 2



S: 79

Mandel's k

0.0 1.0 2.0

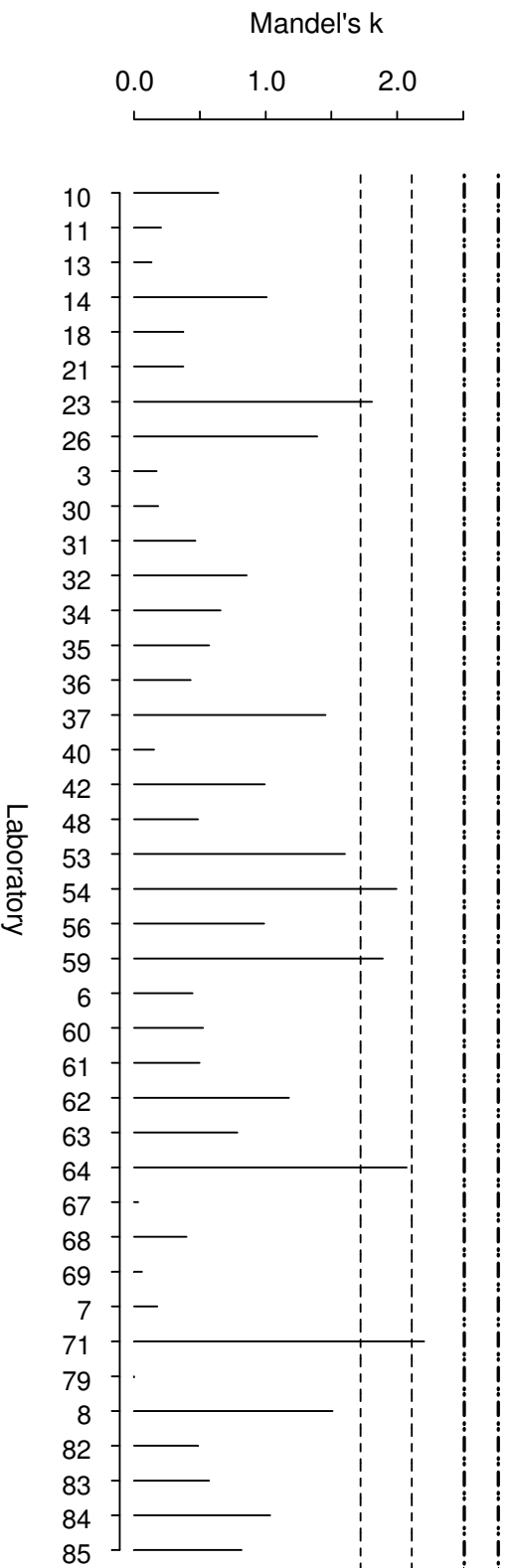
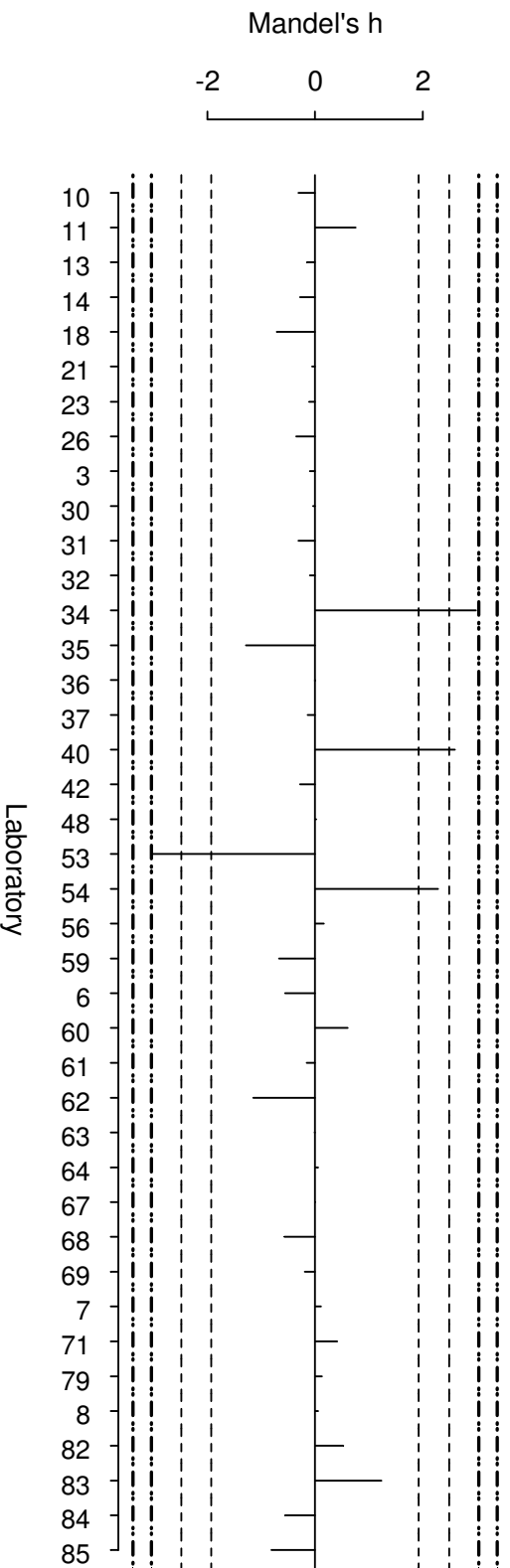


S: 12

Mandel's h and k plots of sample C

4 - OC - sample C

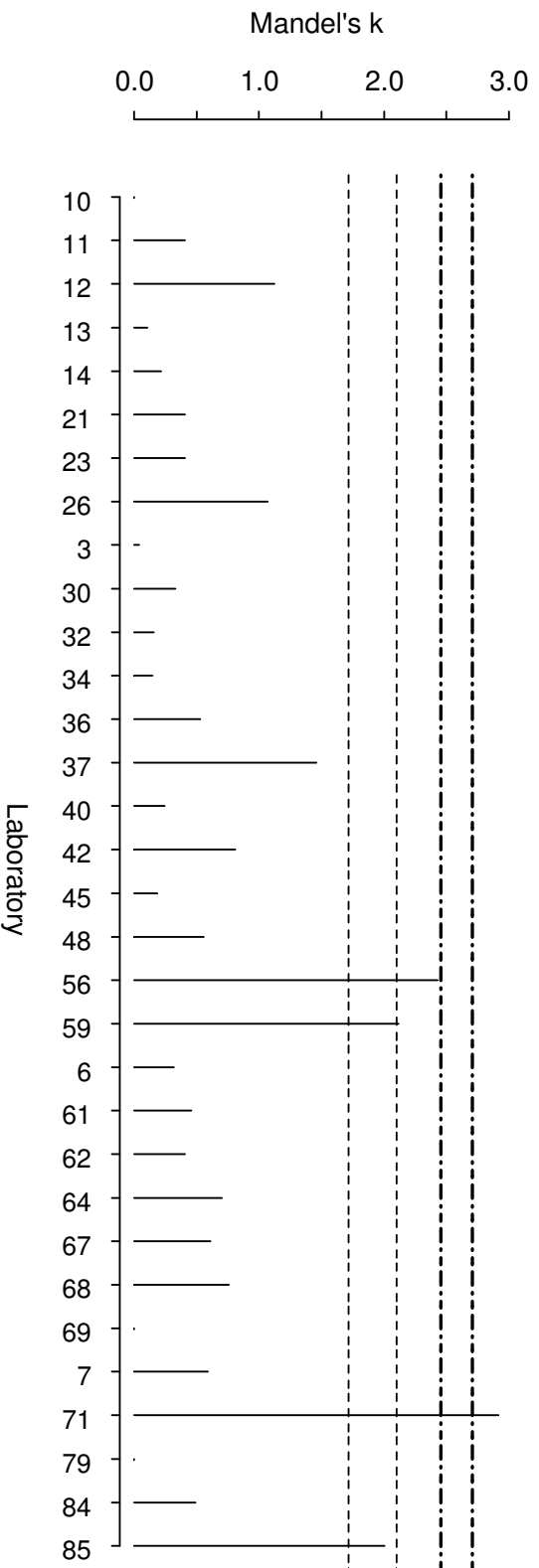
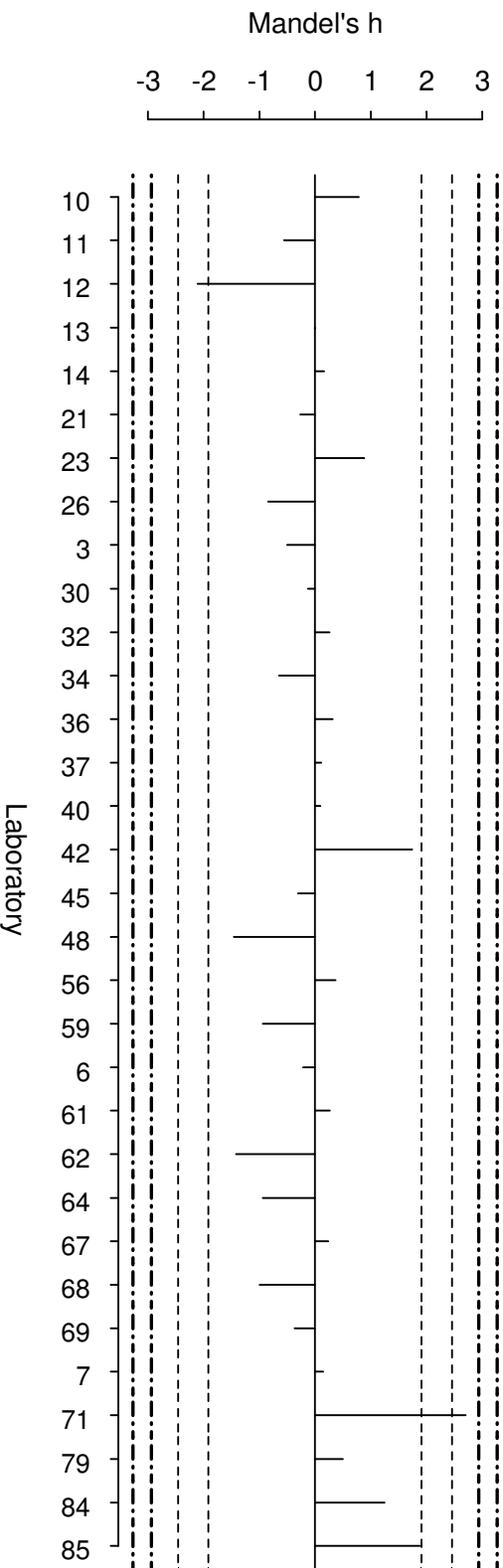
Step:2; Nlab:40; Mgen:27.89; Fval:184.5; Pval:0; sRep:1.014; sLab:7.93; sRpr:7.995; CV:28.67



Mandel's h and k plots of sample D

4 - OC - sample D

Step:7; Nlab:32; Mgen:3.827; Fval:17.8; Pval:0; sRep:0.1427; sLab:0.3376; sRpr:0.3666; CV:9.578



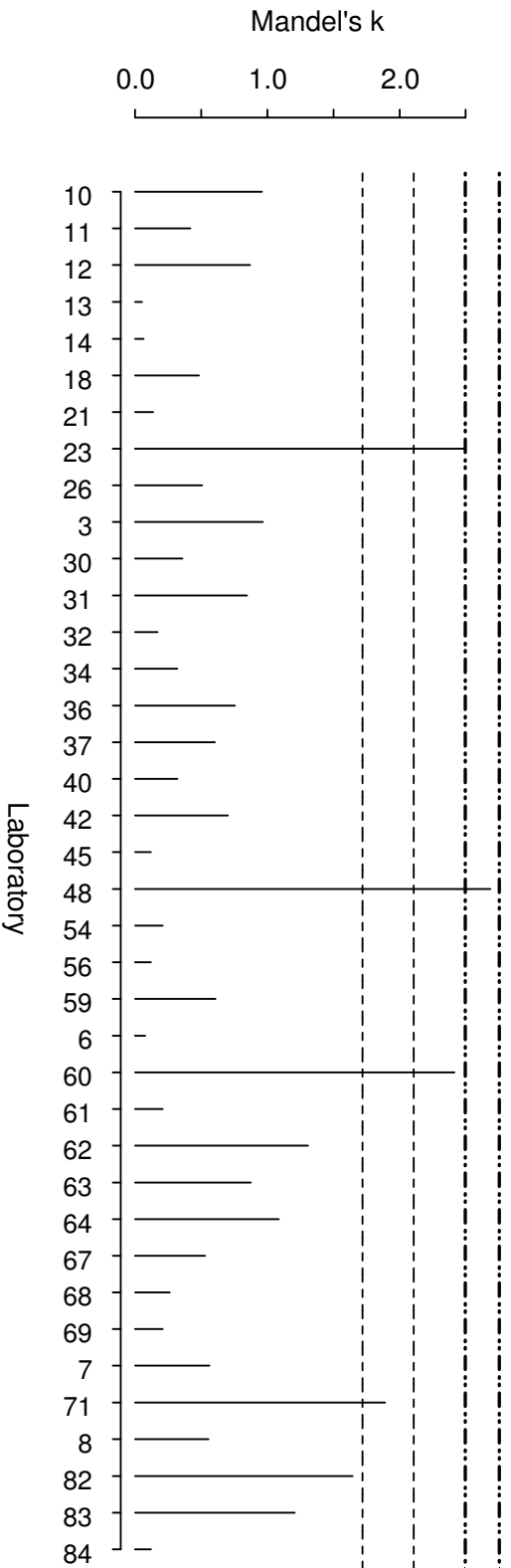
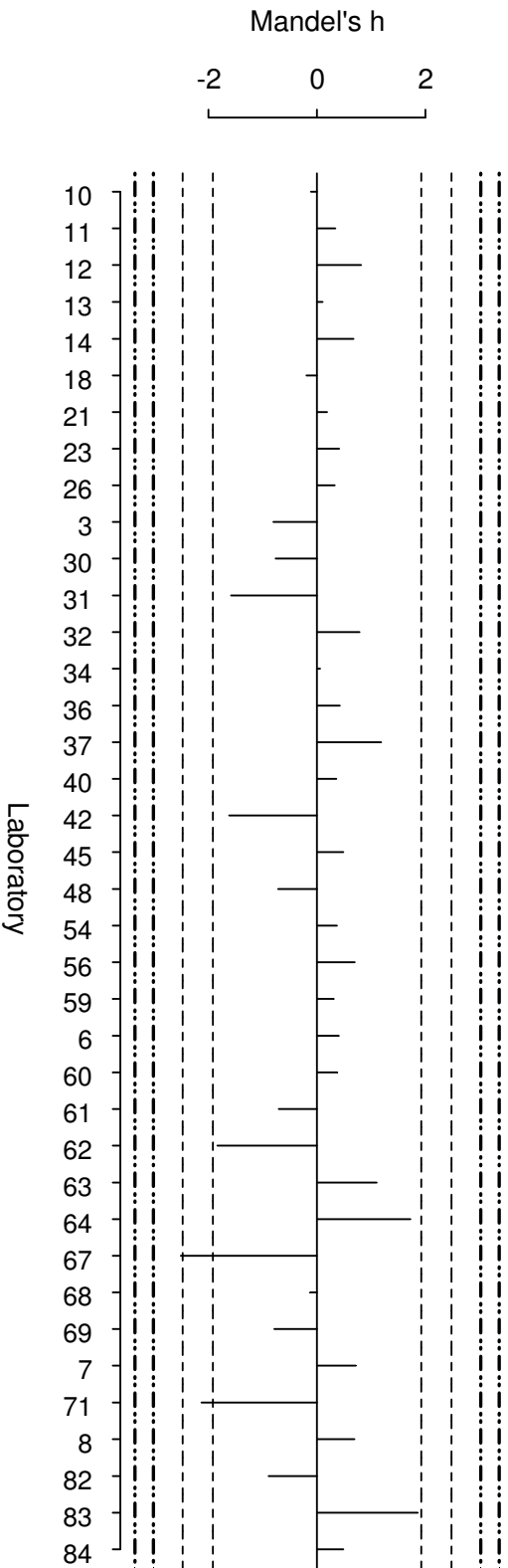
O: 71

E: hk60;hk81;hk63;k82;k8;h83;h53;k18;k31

Mandel's h and k plots of sample E

4 - OC - sample E

Step:3; Nlab:38; Mgen:497.4; Fval:182.5; Pval:0; sRep:4.783; sLab:37.2; sRpr:37.5; CV:7.54



S: 48

E: k35;hk85;h81