

## 1. Transmisson

### Results of statistical analysis of distinctions between preparations by means of Mann-Whitney U-test

“lyd” *re* “hc” – no

“lyd” *re* “K”

cm <sup>-1</sup>	RankSum	RankSum	U	Z	p-level	Z	p-level	Valid N	Valid N	2*1sided
53.8946	116.0000	184.0000	38.00000	-1.96299	0.049648	-1.96299	0.049648	12	12	0.051865
54.2968	114.0000	186.0000	36.00000	-2.07846	0.037668	-2.07846	0.037668	12	12	0.038721
54.699	113.0000	187.0000	35.00000	-2.13620	0.032664	-2.13620	0.032664	12	12	0.033241
55.1012	110.0000	190.0000	32.00000	-2.30940	0.020922	-2.30940	0.020922	12	12	0.020489
55.5034	110.0000	190.0000	32.00000	-2.30940	0.020922	-2.30940	0.020922	12	12	0.020489
55.9056	109.0000	191.0000	31.00000	-2.36714	0.017927	-2.36714	0.017927	12	12	0.017271
56.3078	110.0000	190.0000	32.00000	-2.30940	0.020922	-2.30940	0.020922	12	12	0.020489
56.71	111.0000	189.0000	33.00000	-2.25167	0.024344	-2.25167	0.024344	12	12	0.024184
57.1122	111.0000	189.0000	33.00000	-2.25167	0.024344	-2.25167	0.024344	12	12	0.024184
57.5144	112.0000	188.0000	34.00000	-2.19393	0.028241	-2.19393	0.028241	12	12	0.028421
57.9166	112.0000	188.0000	34.00000	-2.19393	0.028241	-2.19393	0.028241	12	12	0.028421
58.3188	111.0000	189.0000	33.00000	-2.25167	0.024344	-2.25167	0.024344	12	12	0.024184
58.721	113.0000	187.0000	35.00000	-2.13620	0.032664	-2.13620	0.032664	12	12	0.033241
59.1232	116.0000	184.0000	38.00000	-1.96299	0.049648	-1.96299	0.049648	12	12	0.051865

$p_{cum} = 7.262E-20 < p_B$

“euf” *re* “hc” – no

“euf” *re* “K” – no

“anlg” *re* “hc” – no

“anlg” *re* “K”

cm <sup>-1</sup>	RankSum	RankSum	U	Z	p-level	Z	p-level	Valid N	Valid N	2*1sided
105.778	189.0000	111.0000	33.00000	2.251666	0.024344	2.251666	0.024344	12	12	0.024184
106.18	195.0000	105.0000	27.00000	2.598076	0.009375	2.598076	0.009375	12	12	0.008293
106.583	198.0000	102.0000	24.00000	2.771281	0.005584	2.771281	0.005584	12	12	0.004513
106.985	197.0000	103.0000	25.00000	2.713546	0.006657	2.713546	0.006657	12	12	0.005560
107.387	191.0000	109.0000	31.00000	2.367136	0.017927	2.367136	0.017927	12	12	0.017271

$p_{cum} = 8.692E-11 < p_B$

“hc” *re* “K” – no

“All set of preparations” *re* “K”

cm <sup>-1</sup>	RankSum	RankSum	U	Z	p-level	Z	p-level	Valid N	Valid N	2*1sided
55.1012	798.0000	378.0000	132.0000	-2.00000	0.045501	-2.00000	0.045501	36	12	0.045790
55.5034	795.0000	381.0000	129.0000	-2.07143	0.038320	-2.07143	0.038320	36	12	0.038260
55.9056	791.0000	385.0000	125.0000	-2.16667	0.030261	-2.16667	0.030261	36	12	0.029836
56.3078	793.0000	383.0000	127.0000	-2.11905	0.034087	-2.11905	0.034087	36	12	0.033831
56.71	795.0000	381.0000	129.0000	-2.07143	0.038320	-2.07143	0.038320	36	12	0.038260

57.1122	796.0000	380.0000	130.0000	-2.04762	0.040598	-2.04762	0.040598	36	12	0.040647
57.5144	796.0000	380.0000	130.0000	-2.04762	0.040598	-2.04762	0.040598	36	12	0.040647
57.9166	797.0000	379.0000	131.0000	-2.02381	0.042991	-2.02381	0.042991	36	12	0.043156
58.3188	795.0000	381.0000	129.0000	-2.07143	0.038320	-2.07148	0.038314	36	12	0.038260
58.721	798.0000	378.0000	132.0000	-2.00000	0.045501	-2.00000	0.045501	36	12	0.045790

$$p_{\text{cum}} = 8.451\text{E-}15 < p_B$$

“All set of preparations” *re* “hc” – no.

## 2. Refraction

**Results of statistical analysis of distinctions between preparations by means of Mann-Whitney U-test**

“lyd” *re* “hc” – no

“lyd” *re* “K” – no

“euf” *re* “hc” – no

“euf” *re* “K”

cm <sup>-1</sup>	RankSum	RankSum	U	Z	p-level	Z	p-level	Valid N	Valid N	2*1sided
107.387	113.0000	187.0000	35.00000	-2.13620	0.032664	-2.13620	0.032664	12	12	0.033241
107.789	112.0000	188.0000	34.00000	-2.19393	0.028241	-2.19393	0.028241	12	12	0.028421
108.191	110.0000	190.0000	32.00000	-2.30940	0.020922	-2.30940	0.020922	12	12	0.020489

$$p_{\text{cum}} = 1.93568\text{E-}05 < p_B$$

“anlg” *re* “hc” – no

“anlg” *re* “K”

cm <sup>-1</sup>	RankSum	RankSum	U	Z	p-level	Z	p-level	Valid N	Valid N	2*1sided
106.583	114.0000	186.0000	36.00000	-2.07846	0.037668	-2.07846	0.037668	12	12	0.038721
106.985	107.0000	193.0000	29.00000	-2.48261	0.013043	-2.48261	0.013043	12	12	0.012094
107.387	105.0000	195.0000	27.00000	-2.59808	0.009375	-2.59808	0.009375	12	12	0.008293
107.789	101.0000	199.0000	23.00000	-2.82902	0.004669	-2.82902	0.004669	12	12	0.003637
108.191	100.0000	200.0000	22.00000	-2.88675	0.003893	-2.88675	0.003893	12	12	0.002914
108.594	102.0000	198.0000	24.00000	-2.77128	0.005584	-2.77128	0.005584	12	12	0.004513
108.996	107.0000	193.0000	29.00000	-2.48261	0.013043	-2.48261	0.013043	12	12	0.012094
109.398	109.0000	191.0000	31.00000	-2.36714	0.017927	-2.36714	0.017927	12	12	0.017271
109.8	108.0000	192.0000	30.00000	-2.42487	0.015314	-2.42487	0.015314	12	12	0.014493
110.202	112.0000	188.0000	34.00000	-2.19393	0.028241	-2.19393	0.028241	12	12	0.028421
110.605	113.0000	187.0000	35.00000	-2.13620	0.032664	-2.13620	0.032664	12	12	0.033241
111.007	112.0000	188.0000	34.00000	-2.19393	0.028241	-2.19393	0.028241	12	12	0.028421
111.409	108.0000	192.0000	30.00000	-2.42487	0.015314	-2.42487	0.015314	12	12	0.014493
111.811	111.0000	189.0000	33.00000	-2.25167	0.024344	-2.25167	0.024344	12	12	0.024184
112.213	111.0000	189.0000	33.00000	-2.25167	0.024344	-2.25167	0.024344	12	12	0.024184
112.616	108.0000	192.0000	30.00000	-2.42487	0.015314	-2.42487	0.015314	12	12	0.014493

113.018	108.0000	192.0000	30.00000	-2.42487	0.015314	-2.42487	0.015314	12	12	0.014493
113.42	109.0000	191.0000	31.00000	-2.36714	0.017927	-2.36714	0.017927	12	12	0.017271
113.822	109.0000	191.0000	31.00000	-2.36714	0.017927	-2.36714	0.017927	12	12	0.017271
114.224	108.0000	192.0000	30.00000	-2.42487	0.015314	-2.42487	0.015314	12	12	0.014493
114.627	108.0000	192.0000	30.00000	-2.42487	0.015314	-2.42487	0.015314	12	12	0.014493
115.029	110.0000	190.0000	32.00000	-2.30940	0.020922	-2.30940	0.020922	12	12	0.020489
115.431	115.0000	185.0000	37.00000	-2.02073	0.043309	-2.02073	0.043309	12	12	0.044902
115.833	115.0000	185.0000	37.00000	-2.02073	0.043309	-2.02073	0.043309	12	12	0.044902

$p_{\text{cum}} = 6.958\text{E-}44 < p_B$

“hc” re “K” – no

“All set of preparations” re “K”

cm <sup>-1</sup>	RankSum	RankSum	U	Z	p-level	Z	p-level	Valid N	Valid N	2*1sided
106.985	795.0000	381.0000	129.0000	-2.07143	0.038320	-2.07143	0.038320	36	12	0.038260
107.387	783.5000	392.5000	117.5000	-2.34524	0.019016	-2.34530	0.019012	36	12	0.017562
107.789	775.0000	401.0000	109.0000	-2.54762	0.010847	-2.54762	0.010847	36	12	0.009871
108.191	770.0000	406.0000	104.0000	-2.66667	0.007661	-2.66667	0.007661	36	12	0.006716
108.594	783.0000	393.0000	117.0000	-2.35714	0.018417	-2.35721	0.018414	36	12	0.017562
108.996	792.0000	384.0000	126.0000	-2.14286	0.032125	-2.14286	0.032125	36	12	0.031781

$p_{\text{cum}} = 8.264\text{E-}13 < p_B$

“All set of preparations” re “hc” – no.