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### Leven en sterven langs de Limes : het fysisch-antropologisch onderzoek van vier grafveldpopulaties uit de noordelijke grenszone van Germania Inferior in de Vroeg- en Midden-Romeinse tijd

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## Bijlage II. Nijmegen

II-1. Gewichtsverdeling van de crematieresten: totaal gewicht, de grote en kleine fractie en de skeletdelen per grafcategorie.

GRAF TYPE		N	Minimum	Maximum	Mean	Std. Deviation	Skewness
Bg	TOTAAL	34	1	1152	139.53	256.161	2.577
	GEWICHT						
	GEW > 10 MM	34	0	932	103.41	199.075	2.783
	GEW <10 MM	34	0	240	36.12	65.073	2.107
	NEURO	34	0	187	18.35	38.276	3.268
	VISC	34	0	100	5.97	18.904	4.350
	AX	34	0	319	21.09	59.656	4.203
	DIAF	34	0	519	48.97	99.927	3.512
	EPI	34	0	122	9.03	24.497	3.676
U	TOTAAL	76	1	2614	548.01	489.537	1.356
	GEWICHT						
	GEW >10 MM	76	0	1651	380.11	351.227	1.084
	GEW <10 MM	76	0	963	167.91	167.654	2.173
	NEURO	76	0	417	63.59	65.496	2.564
	VISC	76	0	87	12.97	15.639	2.279
	AX	76	0	400	77.03	84.368	1.607
	DIAF	76	0	741	196.62	192.403	.844
	EPI	76	0	106	29.89	28.097	.924
Us	TOTAAL	10	4	1130	578.10	401.465	-.017
	GEWICHT						
	GEW >10 MM	10	0	749	385.10	271.411	.023
	GEW <10 MM	10	4	765	193.00	223.051	2.106
	NEURO	10	0	152	66.40	51.494	.417
	VISC	10	0	20	7.40	7.412	.609
	AX	10	0	191	87.30	77.374	.104
	DIAF	10	0	379	189.50	129.376	.131
	EPI	10	0	95	34.50	34.345	.694
Uo	TOTAAL	4	208	566	334.50	158.985	1.656
	GEWICHT						

	GEW >10 MM	4	151	426	242.75	124.529	1.776
	GEW <10 MM	4	57	140	91.75	35.113	1.052
	NEURO	4	18	63	38.75	22.633	.151
	VISC	4	0	9	3.50	4.359	.676
	AX	4	18	80	42.25	27.597	1.119
	DIAF	4	44	241	134.00	85.256	.474
	EPI	4	5	43	24.25	20.549	-.010
X	TOTAAL	7	3	482	97.00	177.638	2.240
	GEWICHT						
	GEW >10 MM	7	0	352	69.00	128.323	2.378
	GEW <10 MM	7	0	130	28.00	50.451	1.815
	NEURO	7	0	100	20.00	37.665	2.096
	VISC	7	0	6	.86	2.268	2.646
	AX	7	0	76	12.86	28.133	2.539
	DIAF	7	0	144	29.86	51.434	2.421
	EPI	7	0	32	5.43	11.858	2.523

II-2. F-toets derdemachtswortel van totaal gewicht: graftype en gewicht.

Tukey HSD

(I) GRAFTYPE (J) TYPECODE		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
<b>1 (Bg)</b>	2	-3.47*	.576	.000	-5.07	-1.88
	3	-3.89*	1.004	.002	-6.67	-1.11
	4	-3.12	1.475	.220	-7.21	.96
	5	.39	1.158	.997	-2.82	3.59
<b>2 (U)</b>	1	3.47*	.576	.000	1.88	5.07
	3	-.42	.939	.992	-3.02	2.18
	4	.35	1.432	.999	-3.61	4.31
	5	3.86*	1.102	.006	.81	6.91
<b>3 (Us)</b>	1	3.89*	1.004	.002	1.11	6.67
	2	.42	.939	.992	-2.18	3.02
	4	.77	1.651	.990	-3.80	5.34
	5	4.28*	1.375	.019	.47	8.09
<b>4 (Uo)</b>	1	3.12	1.475	.220	-.96	7.21
	2	-.35	1.432	.999	-4.31	3.61
	3	-.77	1.651	.990	-5.34	3.80
	5	3.51	1.749	.269	-1.33	8.35
<b>5 (X)</b>	1	-.39	1.158	.997	-3.59	2.82
	2	-3.86*	1.102	.006	-6.91	-.81
	3	-4.28*	1.375	.019	-8.09	-.47
	4	-3.51	1.749	.269	-8.35	1.33

\* The mean difference is significant at the .05 level.

II-3. F-toets derdemachtswortel transformatie totaalgewicht: graftype en gewicht.

Tukey HSD

GRAFTYPE+CODE	N	Subset for alpha = .05		
		Subset 1	Subset 2	Subset 3
5 (X)	7	3.32		
1 (Bg)	34	3.70	3.70	
4 (Uo)	4	6.83	6.83	6.83
2 (U)	76		7.18	7.18
3 (Us)	10			7.60

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 9.338.

b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

II-4. Fragmentatie van de crematieresten per grafcategorie.

GRAFTYPE	N	Minimum	Maximum	Mean	Std. Deviation	Skewness
Bg	34	1	9	3.53	2.517	.681
U	76	1	14	6.00	2.725	.339
Us	10	1	12	7.00	3.084	-.192
Uo	4	5	8	7.25	1.500	-2.000
X	7	1	8	3.67	2.563	.970

II-5. F-toets 3<sup>e</sup> machtstransformatie fragmentatie per grafcategorie.

Tukey HSD

GRAFTYPE +CODE	N	Subset for alpha = .05		
		Subset 1	Subset 2	Subset 3
5 (X)	7	1.39		
1 (Bg)	34	1.46	1.46	
2 (U)	76	1.77	1.77	1.77
3 (Us)	10		1.84	1.84
4 (Uo)	4			1.93

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 9.338.

b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

II-6. Gewicht per geslachts- en leeftijdsgroep.

GESLACHT	N	Minimum	Maximum	Mean	Std. Deviation	Skewness
Vrouw	29	13	1364	667.45	379.168	-0.147
Man	22	208	1857	734.36	408.393	1.026
<b>LEEFTIJD</b>						
0-7	18	1	222	78.44	81.324	.921
7-14	10	48	721	315.60	229.580	.806
14-20	2	214	870	542.00	463.862	

II-7. F-toets 3<sup>e</sup> machtstransformatie totaal gewicht: geslacht en leeftijdsgroepen.

Tukey HSD

		N Subset for alpha	
		= .05	
		Subset 1	Subset 2
0-6	18	3.65	
7-14	10	6.38	6.38
14-20	2		7.76
Vrouw	29		8.25
Man	22		8.72

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 6.798.

II-8. Gewicht per geslachts- en leeftijdsgroep en grafcategorie.

GRAFTYPE	Geslacht/leeftijd	Mean	N	Std. Deviation
X	Man	482.00	1	
	0-7	149.00	1	
Bg	Man	465.33	3	184.142
	Vrouw	342.17	6	424.079
	0-7	25.75	4	28.300
	7-14	52.00	2	5.657
U	Man	926.08	13	406.017
	Vrouw	788.11	19	305.045
	0-7	78.17	12	61.651
	7-14	381.50	8	207.233
	14-20	542.00	2	463.862
Uo	Man	257.33	3	46.758
	Vrouw	568.00	1	
Us	Man	733.50	2	103.945
	Vrouw	568.67	3	505.472
	0-7	222.00	1	

b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

**II-9. Fragmentatie per geslachts- en leeftijdsgroep.**

<b>GESLACHT</b>	<b>N</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Mean</b>	<b>Std. Deviation</b>	<b>Skewness</b>
<b>Vrouw</b>	28	3	13	7.29	2.492	.428
<b>Man</b>	22	5	11	7.73	1.723	.179
<b>LEEFTIJD</b>						
<b>0-7</b>	18	1	6	2.94	1.798	.229
<b>7-14</b>	10	3	8	5.90	1.663	-0.359
<b>14-20</b>	2	5	7	6.00	1.414	

**II-10. F-toets 3<sup>e</sup> machtsworteltransformatie fragmentatie: geslachts- en leeftijdsgroepen.**

Tukey HSD

	<b>N</b>	<b>Subset for alpha = .05</b>	
		<b>Subset 1</b>	<b>Subset 2</b>
<b>0-6</b>	18	1.37	
<b>7-14</b>	10		1.79
<b>14-20</b>	2		1.81
<b>Vrouw</b>	28		1.91
<b>Man</b>	22		1.97

(Voor één vrouwengraf zijn de gegevens over de fragmentatie onbekend).

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 6.787.

b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.