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BYLAES

Tabelle:

Tabel 2	Proefgroep	Voortoets van die Responsspoed-, Visueel- Motoriese Beheer, en Boonste Ledemaat Spoed- en Behendigheidstoets (Subtoetse 6, 7, 8)
Tabel 3	Kontrolegroep	Voortoets van die Responsspoed-, Visueel- Motoriese Beheer, en Boonste Ledemaat Spoed- en Behendigheidstoets (Subtoetse 6, 7, 8)
Tabel 4	Proefgroep	Natoets van die Responsspoed-, Visueel Motoriese Beheer, en Boonste Ledemaat Spoed- en Behendigheidstoets (Subtoets 6, 7, 8)
Tabel 5	Kontrolegroep	Natoets van die Responsspoed-, Visueel-Motoriese Beheer, en Boonste Ledemaat Spoed- en Behendigheidstoets (Subtoetse 6, 7, 8)
Tabel 6 en 7		Verskil tussen die voor- en natoetstellings per proefpersoon vir die Responsspoedtoets (Subtoets 6)
Tabel 8	Proefgroep	Verskil per subtoetsitem tussen voor- en natoets van die Visueel-Motoriese Beheer
Tabel 9	Kontrolegroep	Verskil tussen voor- en natoets per item vir subtoets 7
Tabel 10	Proefgroep	Verskil tussen voor- en natoets vir subtoets 8
Tabel 11	Kontrolegroep	Verskil tussen voor- en natoets per item vir subtoets 8

Grafieke:

Grafiek 1	Proefgroep (Subtoets 6)	Vergelyking van voor- en natoets vir die Responsspoedtoets
Grafiek 2	Kontrolegroep	Vergelyking van voor- en natoets vir Responsspoedtoets (Subtoets 6)
Grafiek 3	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.1
Grafiek 4	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoets 7.1
Grafiek 5	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.2
Grafiek 6	Kontrolegroep	Vergelyking tussen voor- en natoetstellings per proefpersoon vir subtoetsitem 7.2
Grafiek 7	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.3
Grafiek 8	Kontrolegroep	Vergelyking van die voor- en natoetstellings per proefpersoon vir subtoetsitem 7.3
Grafiek 9	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.4
Grafiek 10	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoetsitem 7.4
Grafiek 11	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.5
Grafiek 12	Kontrolegroep	Vergelyking van die voor- en natoetstellings per proefpersoon vir subtoetsitem 7.5
Grafiek 13	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.6

Grafiek 14		Vergelyking van die voor- en natoetstellings vir die kontrolegroep vir toets 7.6
Grafiek 15	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.7
Grafiek 16		Vergelyking van die voor- en natoetstelling vir die kontrolegroep vir subtoetsitem 7.7
Grafiek 17	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 7.8
Grafiek 18		Vergelyking van die voor- en natoetstelling vir die kontrolegroep vir subtoetsitem 7.8
Grafiek 19	Proefgroep	Vergelyking van die voor- en natoetsgemiddeldes vir visueel-motoriese beheer (subtoets 7)
Grafiek 20	Kontrolegroep	Vergelyking van die voor- en natoetsgemiddeldes van die vir Visueel-Motoriese Beheer (subtoets 7)
Grafiek 21	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 8.1
Grafiek 22	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoetsitem 8.1
Grafiek 23	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 8.2
Grafiek 24	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoetsitem 8.2
Grafiek 25	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 8.3
Grafiek 26	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoetsitem 8.3
Grafiek 27	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 8.4
Grafiek 28	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoetsitem 8.4
Grafiek 29	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 8.5
Grafiek 30	Kontrolegroep	Vergelyking tussen voor- en natoetstellings per proefpersoon vir subtoetsitem 8.5
Grafiek 31	Proefgroep	Vergelyking tussen voor- en natoetstellings vir subtoetsitem 8.6
Grafiek 32	Kontrolegroep	Vergelyking tussen die voor- en natoetstellings per proefpersoon vir subtoetsitem 8.6
Grafiek 33	Proefgroep	Vergelyking tussen voor- en natoetstellings vir subtoetsitem 8.7
Grafiek 34	Kontrolegroep	Vergelyking tussen voor- en natoetstellings per proefpersoon vir subtoets 8.7
Grafiek 35	Proefgroep	Vergelyking tussen voor- en natoetstelling vir subtoetsitem 8.8
Grafiek 36	Kontrolegroep	Vergelyking tussen voor- en natoetstellings per proefpersoon vir subtoetsitem 8.8
Grafiek 37	Proefgroep	Vergelyking tussen die voor- en natoetsgemiddeldes vir subtoetsitem 8
Grafiek 38	Kontrolegroep	Vergelyking tussen die voor- en natoetsgemiddeldes vir subtoetsitem 8

Bruininks-Oseretsky Toets:

Individual Record Form

Student Booklet

Appendix A

Tabelle 6 & 7. Verskil tussen die voor- en natoetstellings per proefpersoon vir die Responsspoedtoets (Subtoets 6)

Tabel 6 . Proefgroep: Verskil in telling per proefpersoon en %-verskil

Tabel 7 . Kontrolegroep: Verskil in telling per proefpersoon en %-verskil

Name	Subtoets6	Subtoets 6		
Proefpersoon 1	13	8	-5	-38.46%
Proefpersoon 2	8	9	1	12.50%
Proefpersoon 3	5	8	3	60.00%
Proefpersoon 4	7	6	-1	-14.29%
Proefpersoon 5	9	7	-2	-22.22%
Proefpersoon 6	7	6	-1	-14.29%
Proefpersoon 7	8	8	0	0.00%
Proefpersoon 8	8	10	2	25.00%
Proefpersoon 9	7	7	0	0.00%
Proefpersoon 10	10	5	-5	-50.00%
Proefpersoon 11	11	7	-4	-36.36%
Proefpersoon 12	8	6	-2	-25.00%
Proefpersoon 13	10	8	-2	-20.00%
Proefpersoon 14	10	7	-3	-30.00%
Proefpersoon 15	10	7	-3	-30.00%
Proefpersoon 16	9	6	-3	-33.33%
Proefpersoon 17	5	5	0	0.00%
Proefpersoon 18	16	9	-7	-43.75%
Proefpersoon 19	8	6	-2	-25.00%
Proefpersoon 20	13	9	-4	-30.77%
Proefpersoon 21	15	11	-4	-26.67%
Proefpersoon 22	13	10	-3	-23.08%
Proefpersoon 23	10	5	-5	-50.00%
Proefpersoon 24	6	8	2	33.33%
Proefpersoon 25	5	5	0	0.00%
Proefpersoon 26	10	4	-6	-60.00%
Proefpersoon 27	11	6	-5	-45.45%
Proefpersoon 28	13	6	-7	-53.85%
Proefpersoon 29	13	7	-6	-46.15%
Proefpersoon 30	9	5	-4	-44.44%
	287	211	-76	-26.48%

Average	9.566687	7.033333	-2.53333
Kurtos	-0.37681	-0.3664	
Max	16	11	
Min	5	4	
Mode	10	6	
Median	10	7	
STDEV	2.946151	1.718488	
Var	8.679803	2.953202	
Skew	0.329644	0.418028	
Count	29	29	

Name	Subtest 6	Subtest 6		
Proefpersoon 1	10	10	0	0.00%
Proefpersoon 2	9	9	0	0.00%
Proefpersoon 3	11	8	-3	-27.27%
Proefpersoon 4	12	10	-2	-16.67%
Proefpersoon 5	10	9	-1	-10.00%
Proefpersoon 6	12	7	-5	-41.67%
Proefpersoon 7	11	9	-2	-18.18%
Proefpersoon 8	9	12	3	33.33%
Proefpersoon 9	11	5	-6	-54.55%
Proefpersoon 10	9	6	-3	-33.33%
Proefpersoon 11	11	9	-2	-18.18%
Proefpersoon 12	8	5	-3	-37.50%
Proefpersoon 13	8	9	1	12.50%
Proefpersoon 14	11	10	-1	-9.09%
Proefpersoon 15	15	13	-2	-13.33%
Proefpersoon 16	14	11	-3	-21.43%
Proefpersoon 17	11	10	-1	-9.09%
Proefpersoon 18	11	10	-1	-9.09%
Proefpersoon 19	10	10	0	0.00%
Proefpersoon 20	11	11	0	0.00%
Proefpersoon 21	10	7	-3	-30.00%
Proefpersoon 22	9	6	-3	-33.33%
Proefpersoon 23	11	7	-4	-36.36%
Proefpersoon 24	11	12	1	9.09%
Proefpersoon 25	12	11	-1	-8.33%
Proefpersoon 26	9	9	0	0.00%
Proefpersoon 27	10	8	-2	-20.00%
Proefpersoon 28	11	8	-3	-27.27%
Proefpersoon 29	12	8	-4	-33.33%
Proefpersoon 30	7	8	1	14.29%
Proefpersoon 31	9	7	-2	-22.22%
Proefpersoon 32	10	11	1	10.00%
	335	285	-50	-14.93%
Average	10.46875	8.90625	-1.5625	
Kurtos	1.207498	-0.4689		
Max	15	13		
Min	7	5		
Mode	11	10		
Median	11	9		
STDEV	1.676065	2.023142		
Var	2.809195	4.093103		
Skew	0.385295	-0.12207		
Count	30	30		

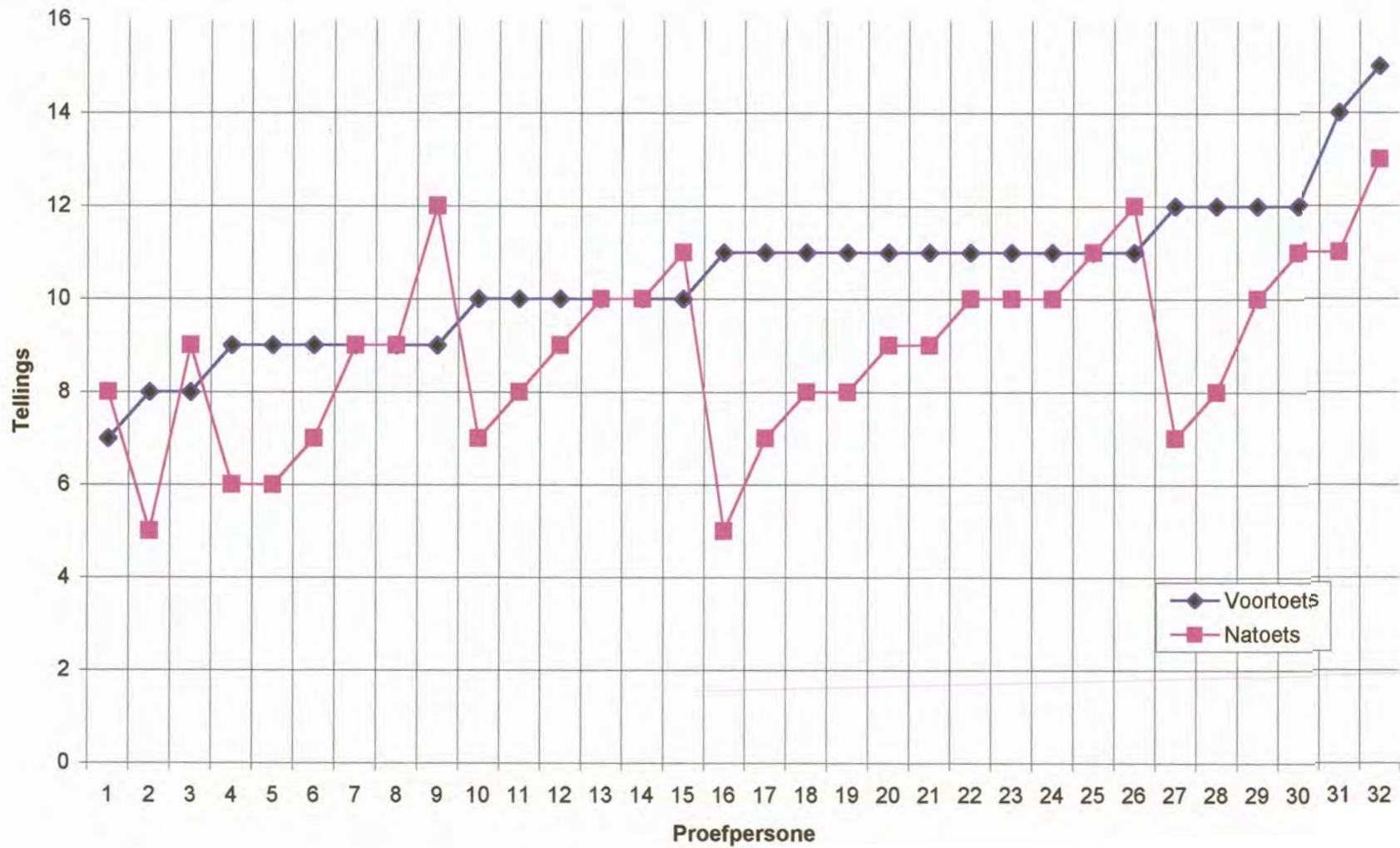
Tabel 9. Controlegroep: Verskil tussen voor - en natoetstelling per item, per proefpersoon vir die Visueel Motoriese Toets (subtoets 7)

Name	Age	Item 7.1	Item 7.1	0	Item 7.2	Item 7.2	0	Item 7.3	Item 7.3	0	Item 7.4	Item 7.4	0	Item 7.5	Item 7.5	0	Item 7.6	Item 7.6	0	Item 7.7	Item 7.7	0	Item 7.8	Item 7.8	0
Proefpersoon 1	38	4	4	0	4	4	0	4	4	0	4	4	0	2	2	0	2	2	0	2	2	0	1	1	0
Proefpersoon 2	49	4	4	0	3	3	0	2	2	0	0	0	0	2	2	0	2	2	0	2	2	0	1	2	1
Proefpersoon 3	64	4	4	0	4	4	0	4	3	-1	-25%	4	1	-3	-75%	2	2	0	2	2	0	2	2	1	100%
Proefpersoon 4	48	4	4	0	4	3	-1	3	4	1	33%	2	1	-1	-50%	2	2	0	2	2	0	2	2	1	-50%
Proefpersoon 5	30	4	4	0	4	4	0	4	4	0	0%	4	2	-2	-50%	2	2	0	2	2	0	2	2	2	0
Proefpersoon 6	47	4	3	-1	-26%	4	2	-2	-50%	3	0	-3	-100%	1	0	-1	-100%	2	2	0	2	2	1	-1	-50%
Proefpersoon 7	46	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	2	1
Proefpersoon 8	33	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	2	0
Proefpersoon 9	42	4	3	-1	-25%	4	4	0	0%	4	4	0	0%	4	0	-4	-100%	2	2	0	0%	2	2	2	0
Proefpersoon 10	48	4	4	0	0%	4	4	0	0%	4	1	-3	-75%	3	0	-3	-100%	2	2	0	0%	2	2	2	0
Proefpersoon 11	32	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	2	0
Proefpersoon 12	30	4	4	0	0%	4	4	0	0%	3	2	-1	-33%	3	2	-1	-33%	2	2	0	0%	2	2	2	0
Proefpersoon 13	39	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	4	0	-4	-100%	2	2	0	0%	2	2	1	100%
Proefpersoon 14	38	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	1	-1	-100%	2	2	2	0
Proefpersoon 15	37	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	1	-50%
Proefpersoon 16	45	4	4	0	0%	4	3	-1	-25%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	1	-50%
Proefpersoon 17	42	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	4	4	0	0%	2	2	0	0%	2	2	1	-1
Proefpersoon 18	38	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	3	-1	-25%	2	2	0	0%	2	2	2	0
Proefpersoon 19	33	4	4	0	0%	4	0	-4	-100%	4	4	0	0%	3	2	-1	-33%	2	2	0	0%	1	2	1	100%
Proefpersoon 20	36	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	1	-1
Proefpersoon 21	44	4	4	0	0%	4	4	0	0%	0	0	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	1	-1
Proefpersoon 22	42	4	4	0	0%	4	1	-3	-75%	4	2	-2	-50%	4	0	-4	-100%	2	2	0	-100%	2	0	0	0
Proefpersoon 23	41	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	2	0	0%	2	2	1	-1
Proefpersoon 24	43	4	4	0	0%	4	3	-1	-25%	4	2	-2	-50%	4	2	-2	-50%	2	2	0	0%	2	2	2	0
Proefpersoon 25	32	4	4	0	0%	2	2	0	0%	4	2	-2	-50%	4	0	-4	-100%	2	2	0	0%	2	2	2	-2
Proefpersoon 26	32	4	4	0	0%	4	4	0	0%	4	4	0	0%	4	0	-4	-100%	2	2	0	0%	2	2	2	0
Proefpersoon 27	44	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	2	1	-1	-50%	2	2	0	0%	2	2	2	200%
Proefpersoon 28	39	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	4	4	0	0%	2	2	0	0%	2	2	2	0
Proefpersoon 29	20	4	4	0	0%	4	0	-4	-100%	4	2	-2	-50%	3	0	-3	-100%	2	2	0	0%	2	2	0	0
Proefpersoon 30	46	4	4	0	0%	4	4	0	0%	4	2	-2	-50%	4	2	-2	-50%	2	2	0	0%	2	2	1	100%
Proefpersoon 31	46	4	3	-1	-25%	4	1	-3	-75%	4	2	-2	-50%	3	0	-3	-100%	2	2	0	0%	2	2	1	100%
Proefpersoon 32	37	4	4	0	0%	4	4	0	0%	4	3	-1	-25%	4	2	-2	-50%	2	2	0	0%	2	2	1	-1
		126	126	-3	-2%	129	100	##	-16%	119	69	##	-25%	112	47	##	-59%	63	60	-3	-5%	62	58	-4	-6%
Average	39.78128	4	3.90293		3.90293	3.9128		3.71875	2.78128		3.5	1.46875		1.96875	1.875		1.8375	1.8125		1.71875	1.8425		1.26	1.28128	
Kurtosis	2.505149	#DIV/0!	6.998992		20.14398	1.876717		14.73265	-0.8405		3.089701	-0.99001		32	13.52727		32	6.598992		3.255608	0.488078		-1.8255	-1.23107	
Max	64	4	4		4	4		4	4		4	4		2	2		2	2		2	2		2	2	
Min	20	4	3		2	0		0	0		0	0		1	0		0	0		0	0		0	0	
Mode	40	4	4		4	4		4	4		4	0		2	2		2	2		2	2		2	2	
Median	41	4	4		4	4		4	4		4	2		2	2		2	2		2	2		2	2	
STDEV	7.916938	0	0.290149		0.390151	1.329673		0.812578	1.337653		0.983739	1.458778		0.176777	0.421212		0.353583	0.542286		0.834206	0.099016		0.879989	0.812578	
Var	62.87312	0	0.087702		0.152218	1.512097		0.660382	1.789318		0.987742	3.126024		0.03125	0.177419		0.125	0.350805		0.402218	0.447581		0.774194	0.803982	
Skew	0.398293	#DIV/0!	-2.9265		-4.49329	-1.75656		-3.85963	-0.95984		-2.27703	0.498072		-5.65886	-3.8935		-8.66986	-2.9265		-2.12987	-1.27656		-0.82037	-0.57656	
Count	31	32	32		32	32		32	32		32	33		32	32		32	32		32	32		32	32	

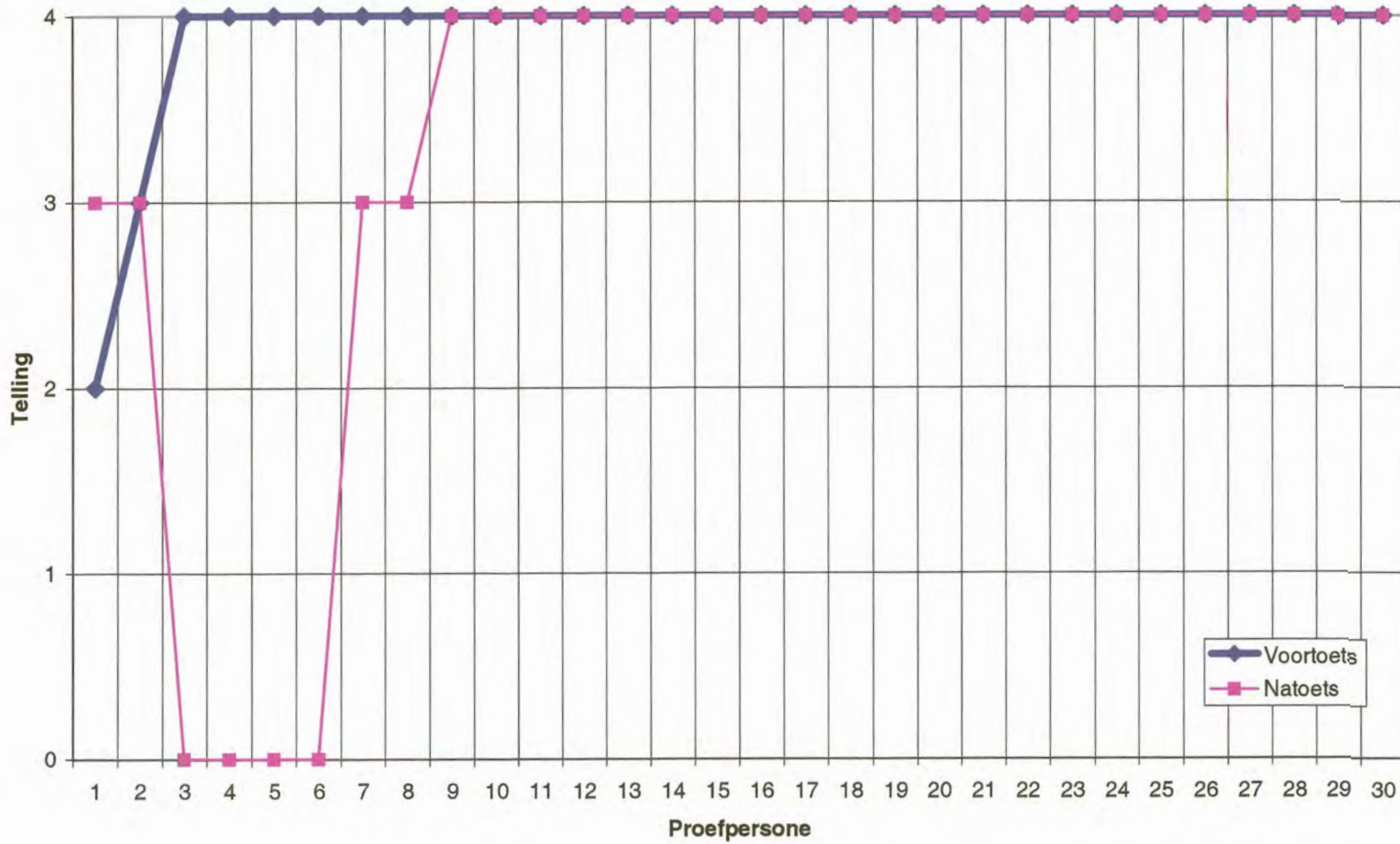
Grafiek1. Proefgroep : Vergelyking van Voor- en Natoets vir Responsspoed (Subtoets 6)



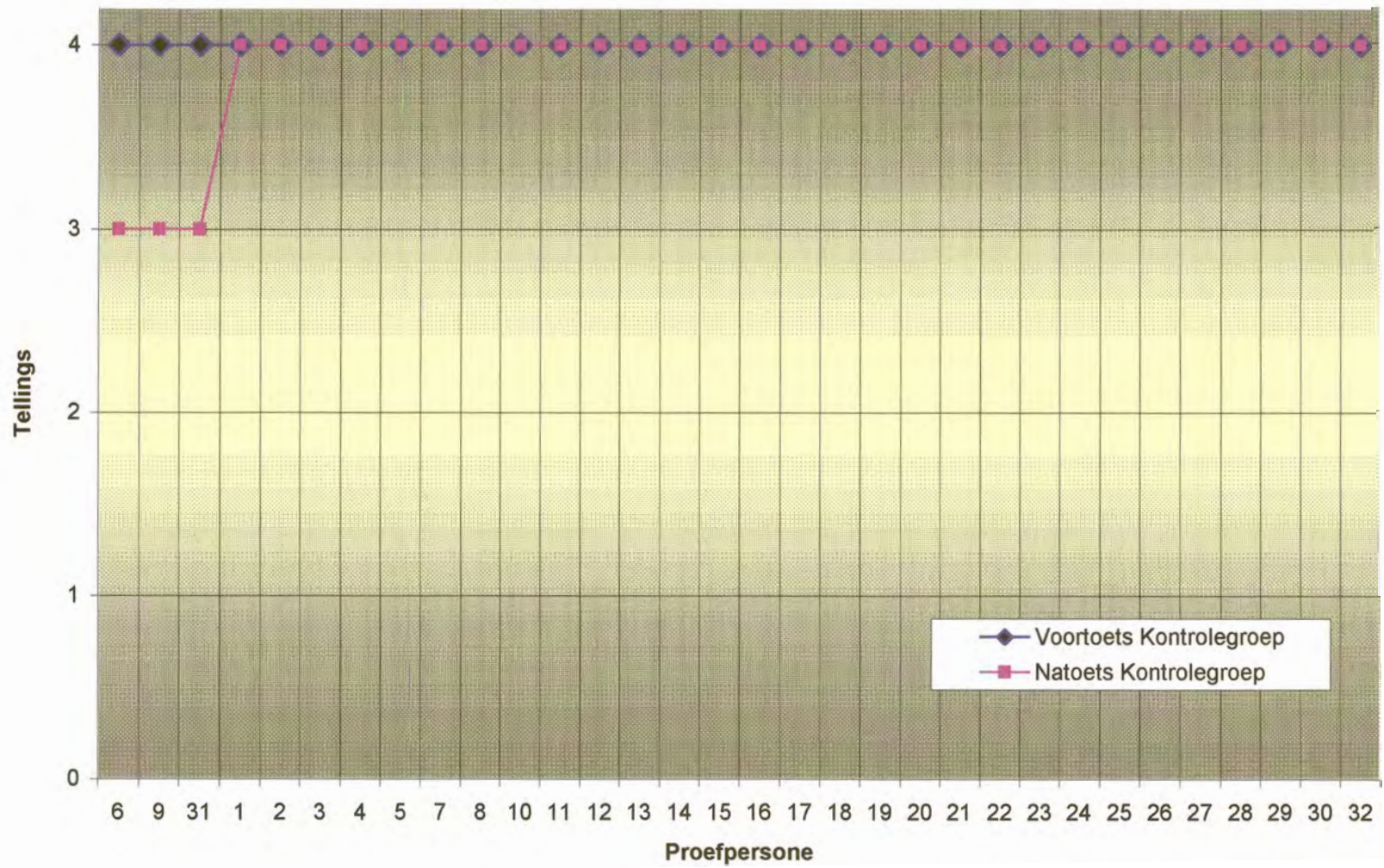
Grafiek 2. Kontrolegroep: Vergelyking van voor- en natoets vir Responsspoed (Subtoets 6)



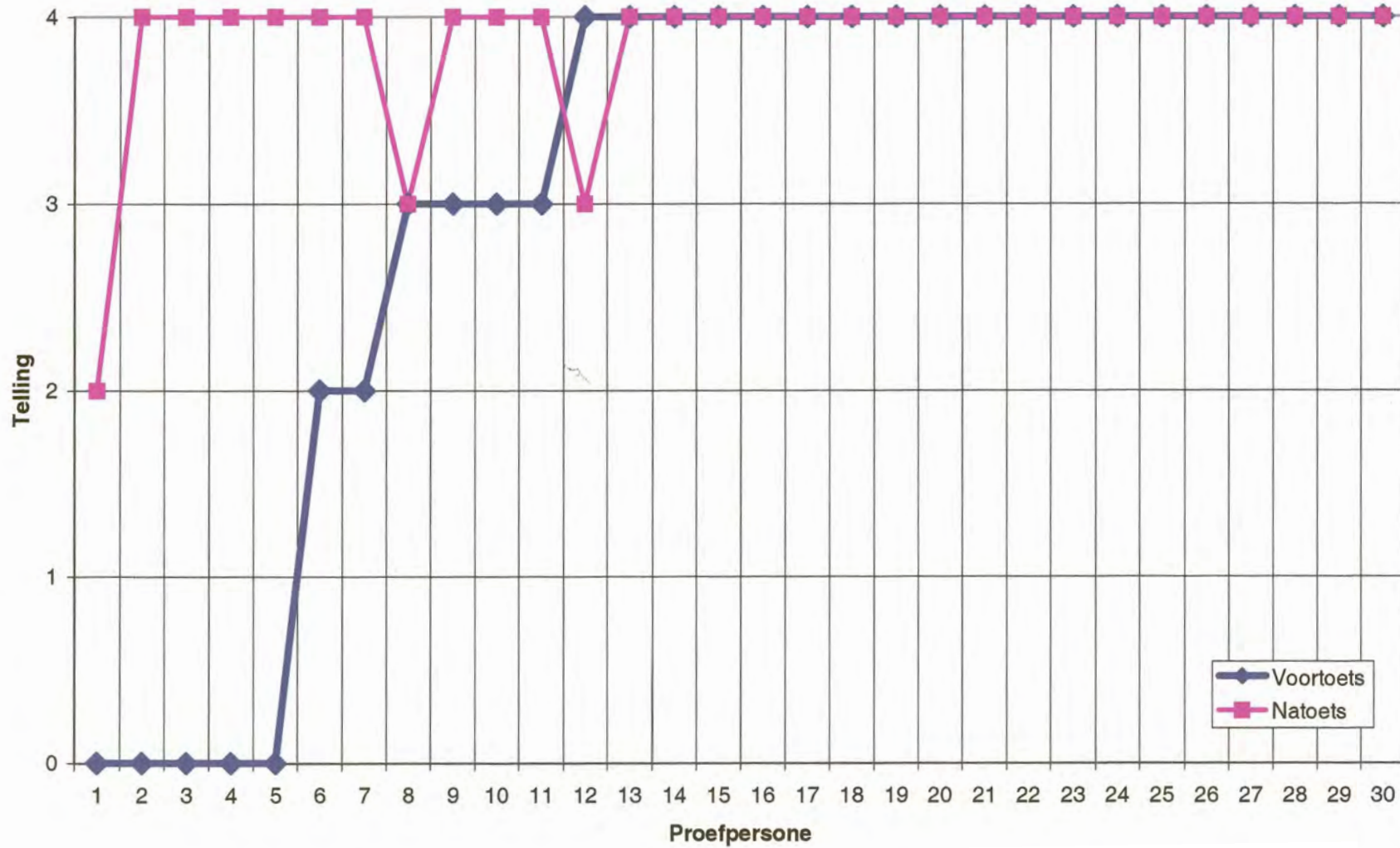
Grafiek 3. Proefgroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die uitknip van 'n sirkel (subtoetsitem 7.1)



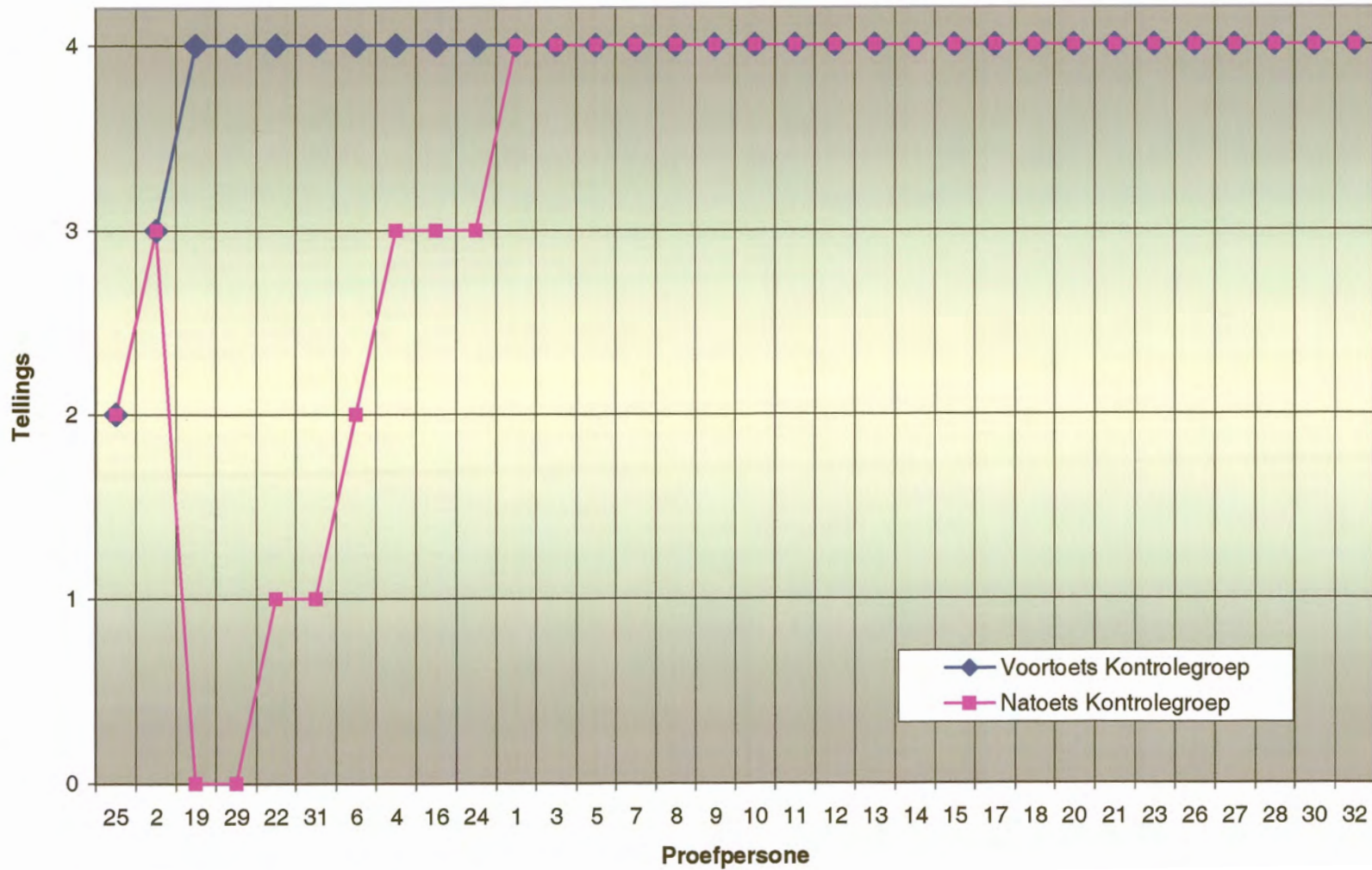
Grafiek 4 **Kontrolegroep:** Vergelyking van voor- en natoetstellings per proefpersoon vir die uitknip van 'n sirkel (subtoets 7.1)



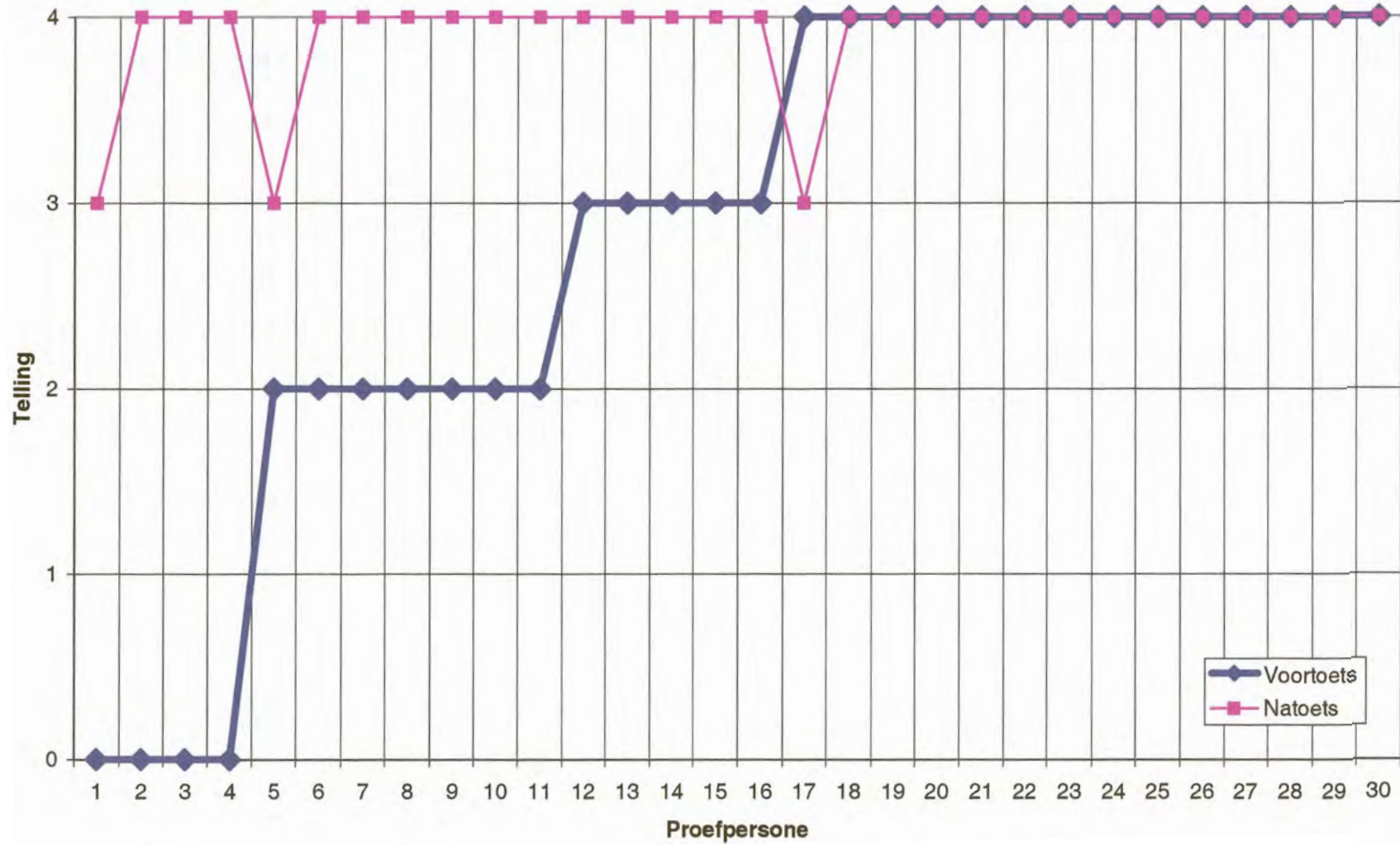
Grafiek 5. Proefgroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir trek van 'n lyn binne 'n kronkelpad (subtoetsitem 7.2)



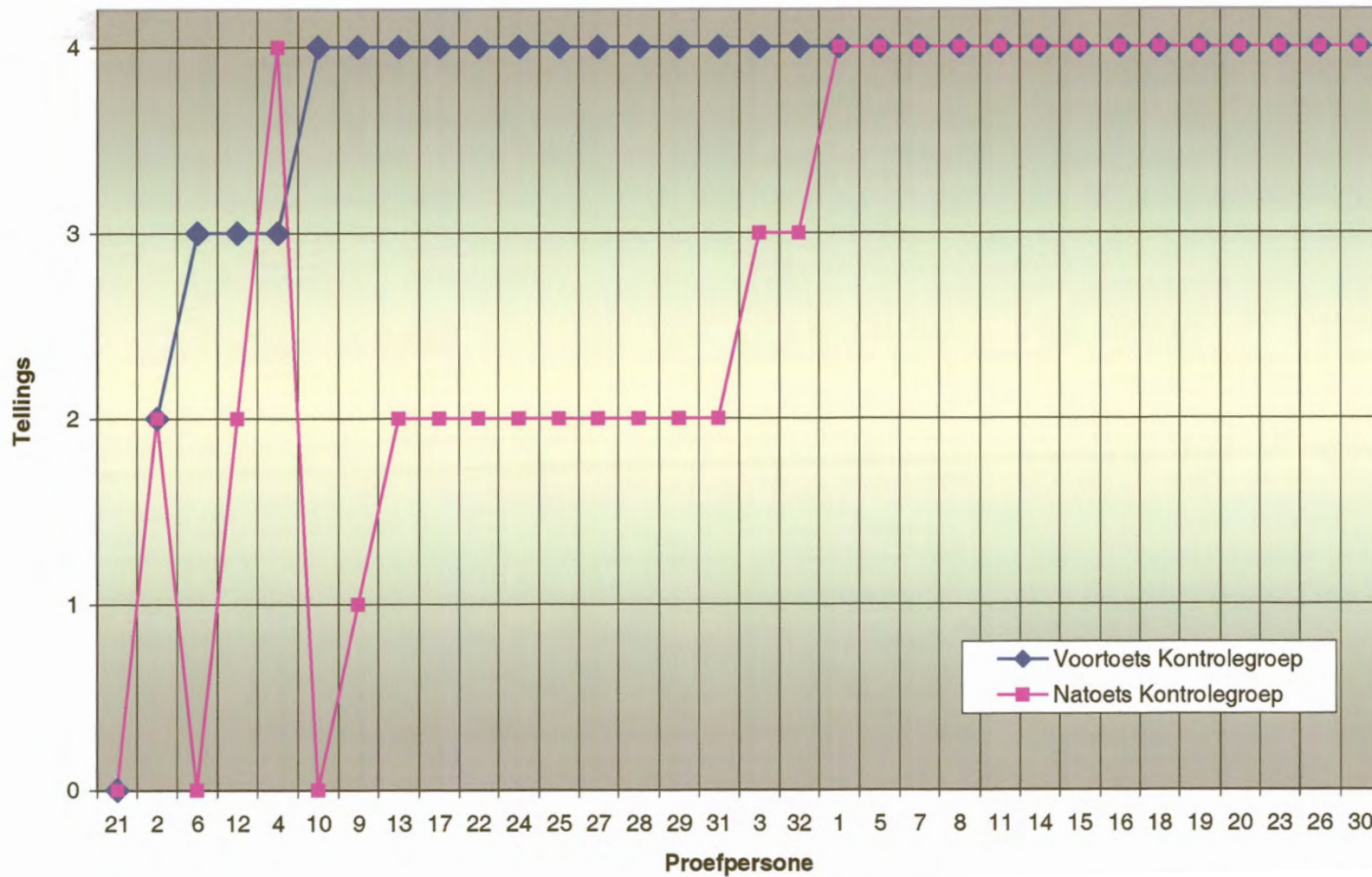
Grafiek 6. Kontrolegroep: Vergelyking van voor- en natoetstellings per proefpersoon vir die trek van 'n lyn binne 'n kronkelpad (subtoets 7.2)



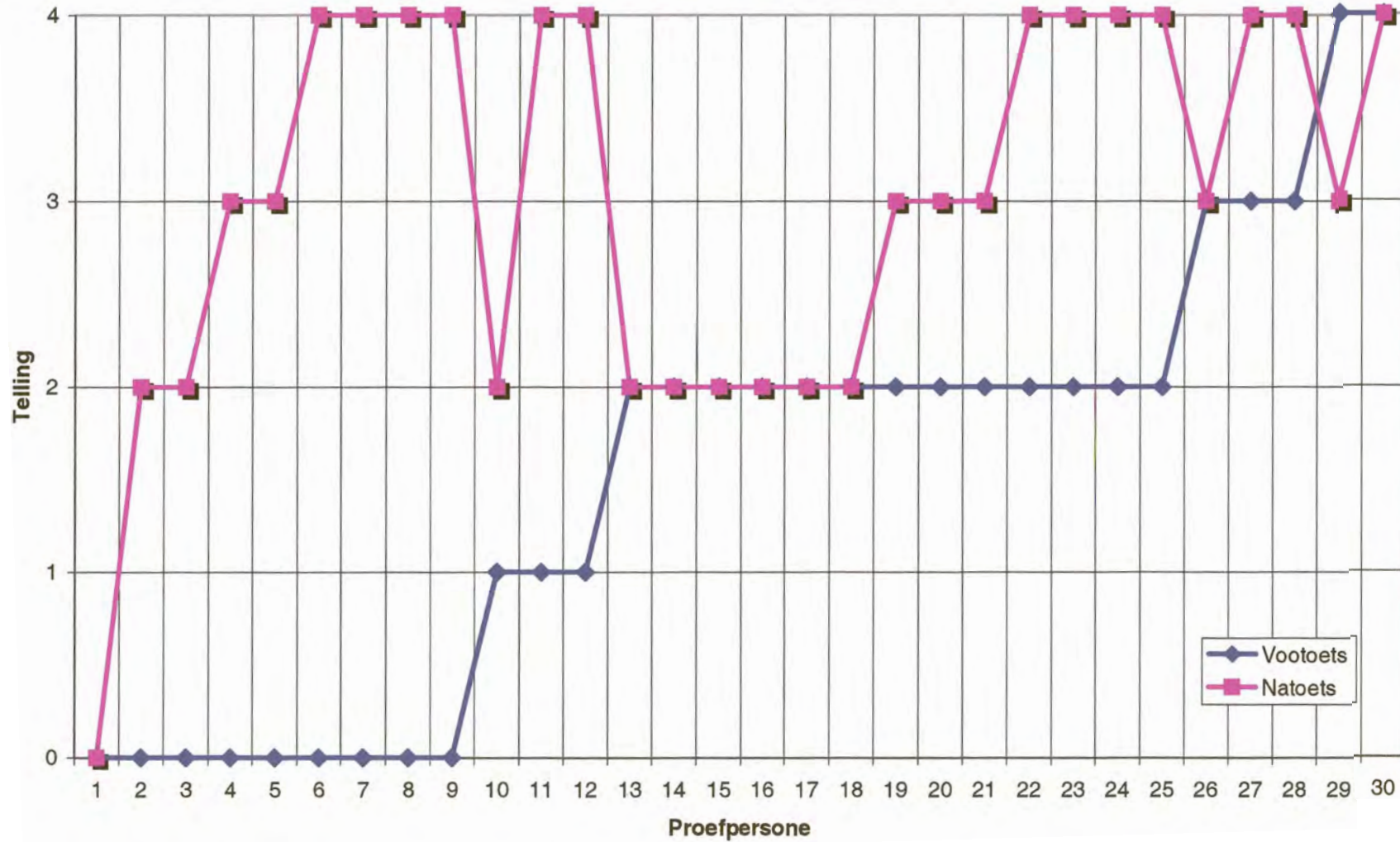
Grafiek 7. Proefgroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die uitknip van 'n sirkel (subtoetsitem 7.3)



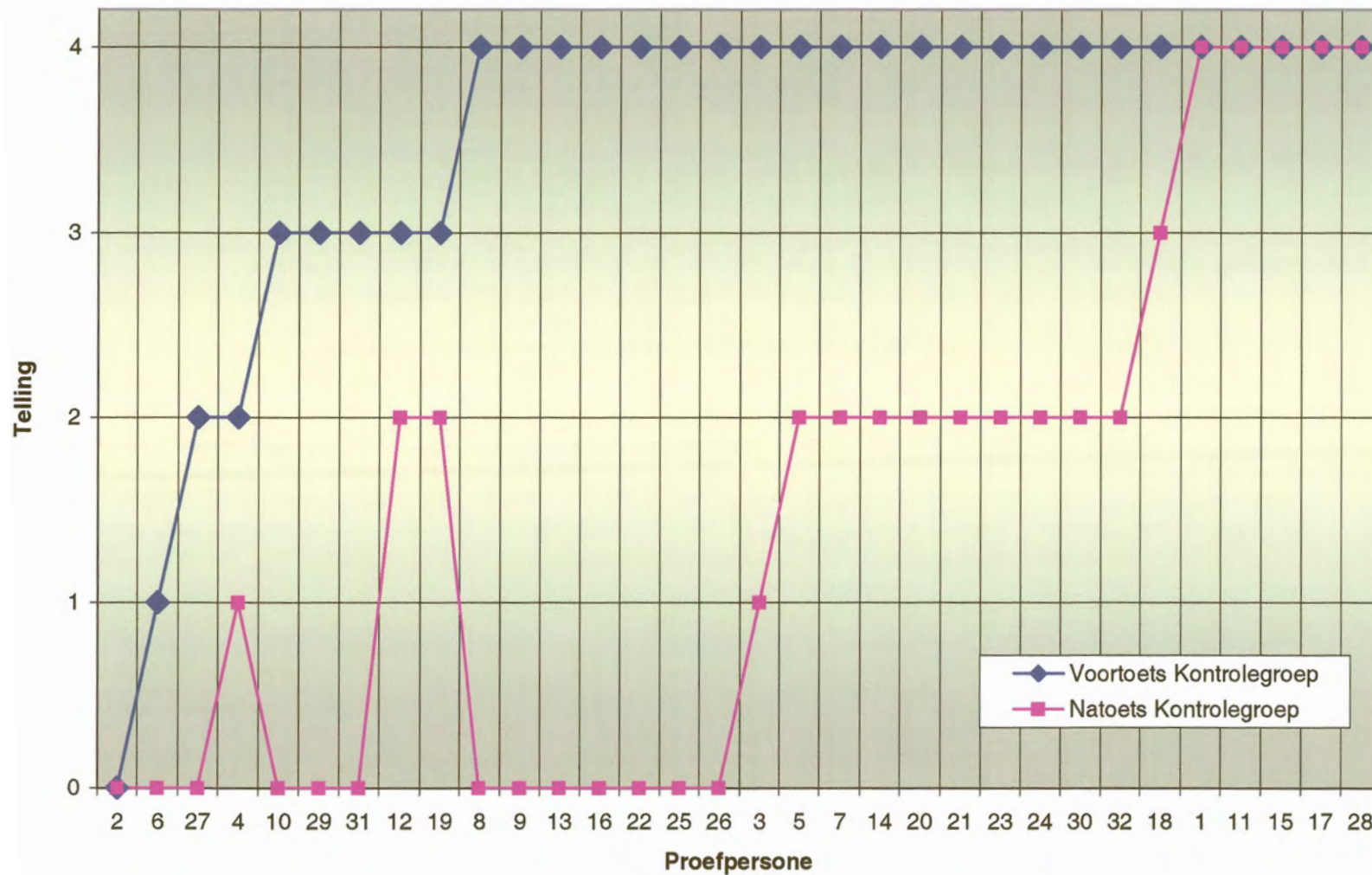
Grafiek 8. Kontrolegroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die trek van 'n lyn langs 'n reguit pad (subtoets 7.3)



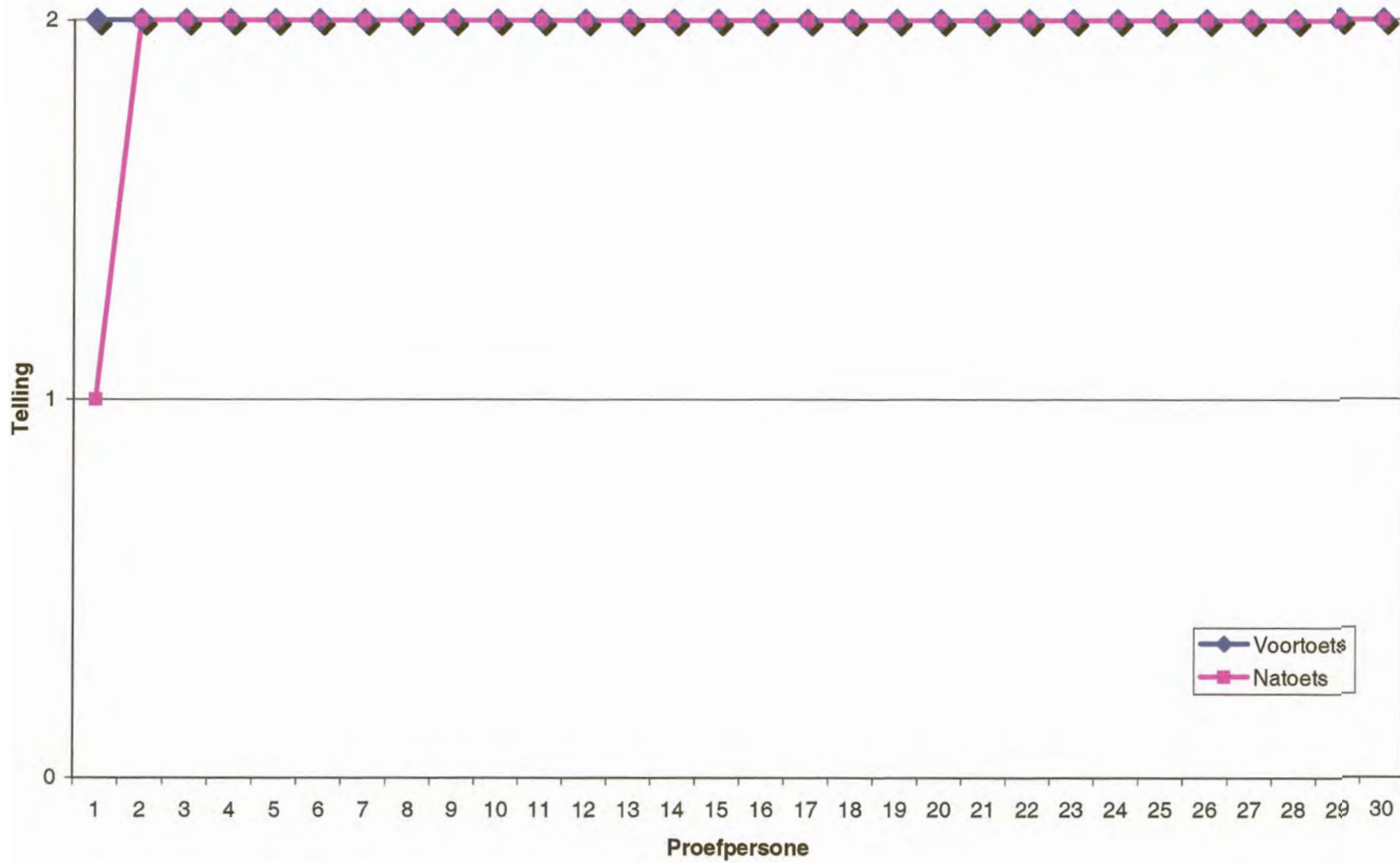
Grafiek 9. Proefgroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die trek van 'n lyn langs 'n pad met kurwes (subtoetsitem 7.4)



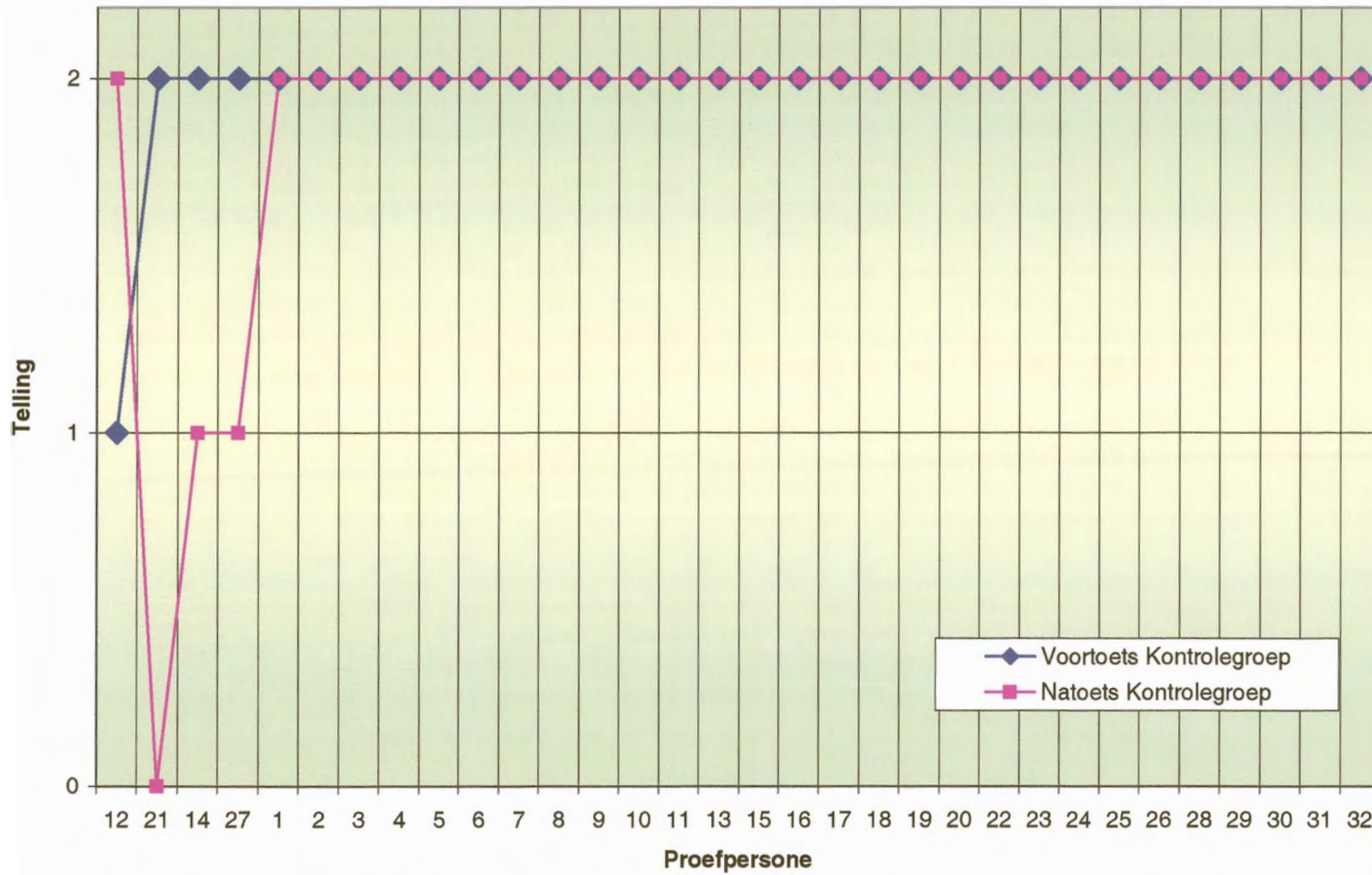
Grafiek 10. Kontrolegroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir dietrek van 'n lyn langs 'n pad met kurwes (subtoets 7.4)



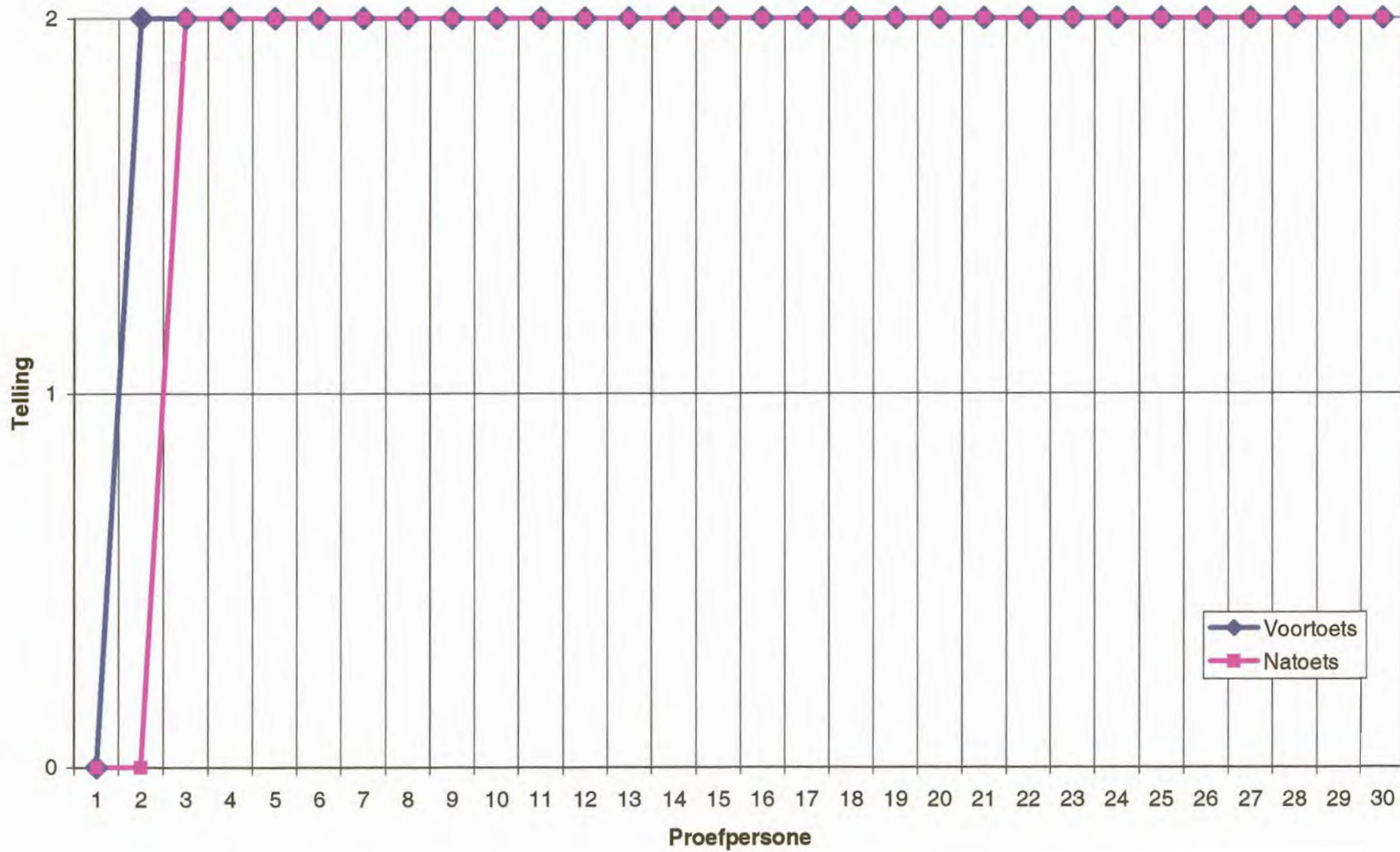
Grafiek 11. Proefgroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die oorteken van 'n sirkel (subtoetsitem 7.5)



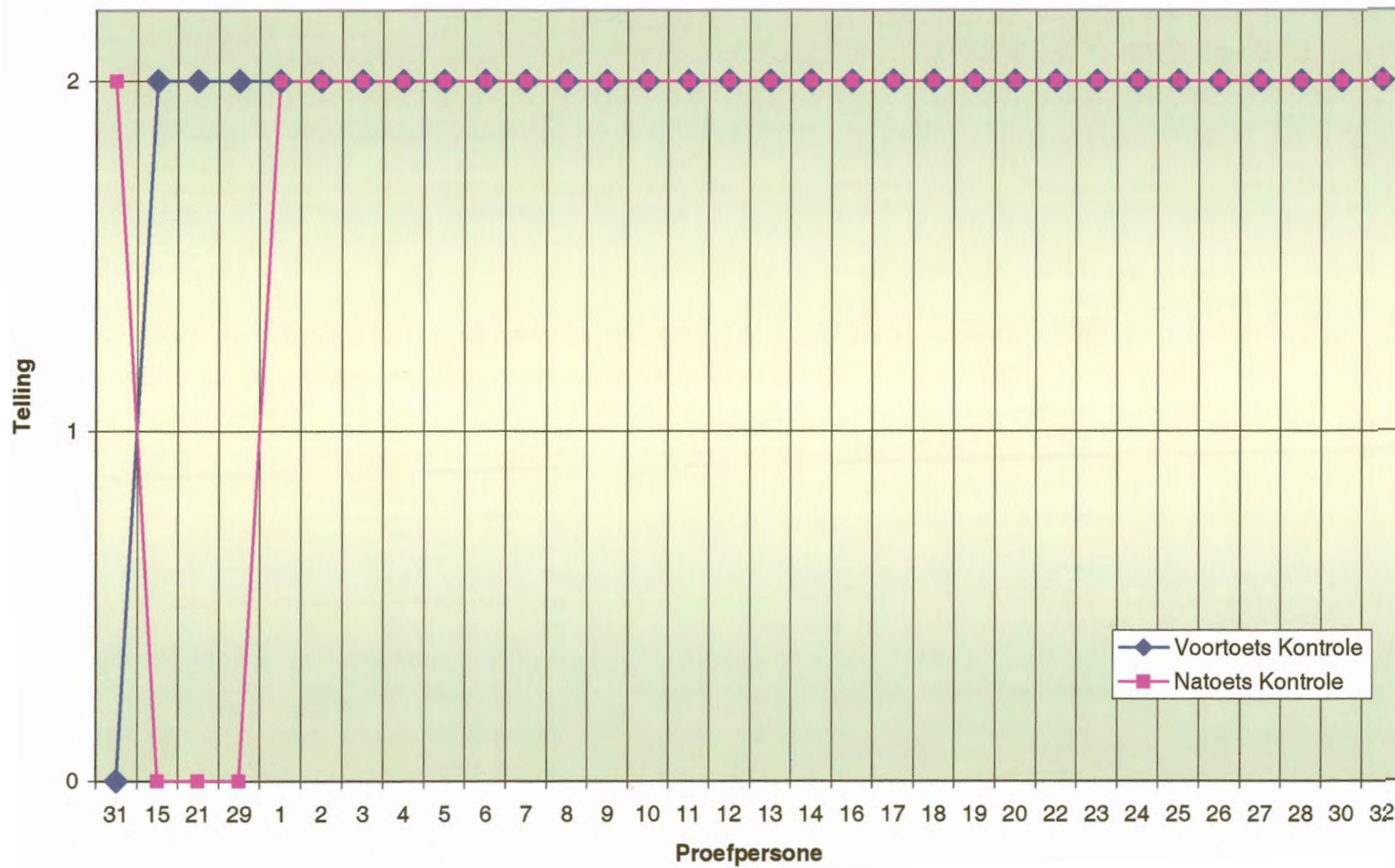
Grafiek 12. Kontrolegroep : Vergelyking van die voor- en natoetstellings per proefpersoon vir die teken van 'n sirkel (subtoets 7.5)



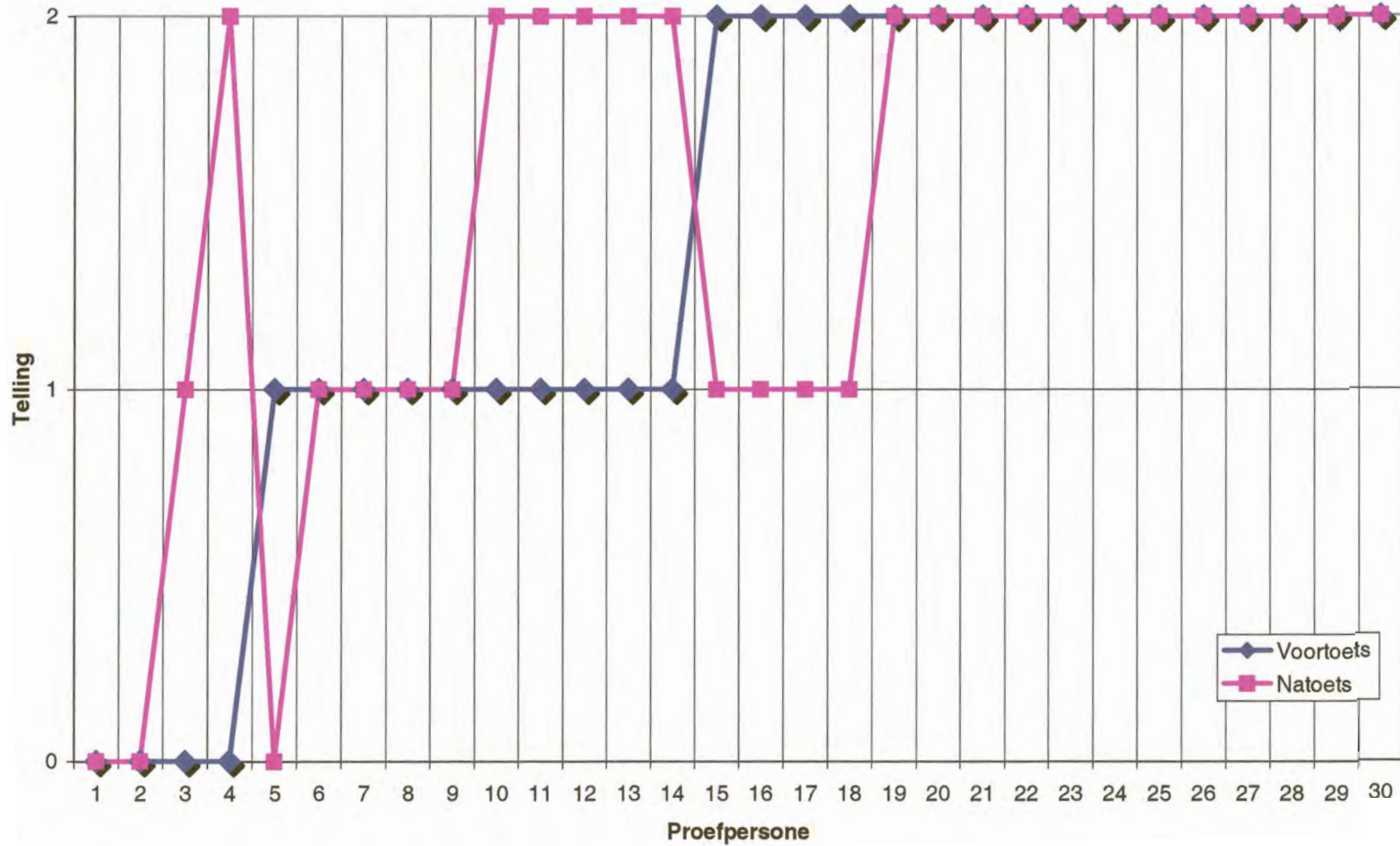
Grafiek 13. Proefgroep: Vergelyking tussen voor- en natoetstelling per proefpersoon vir die oorteken van 'n driehoek (subtoetsitem 7.6)



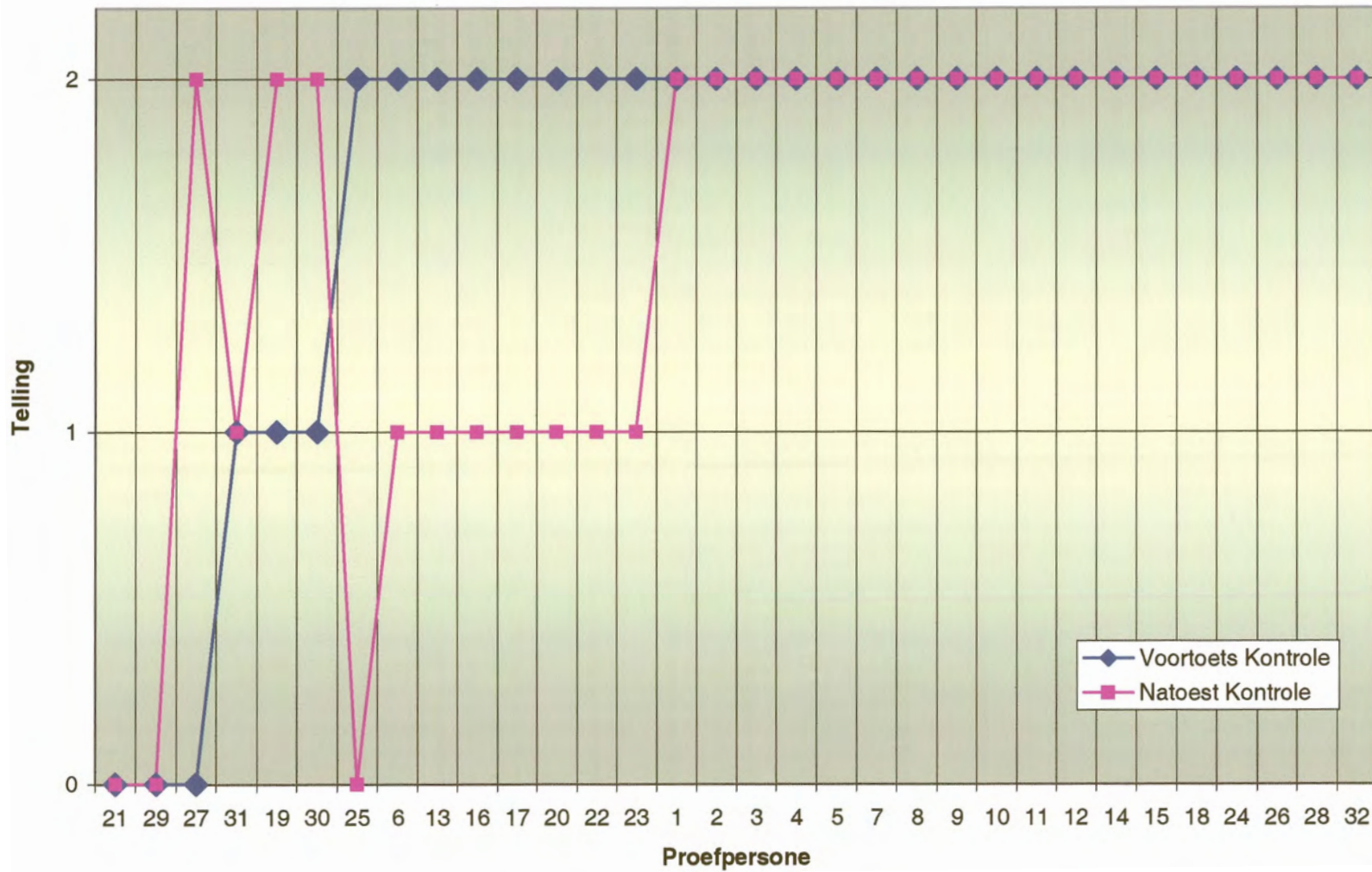
Grafiek14. Kontrolegroep: Vergelyking van die voor- en natoetstellers per proefpersoon vir die teken van 'n driehoek (subtoets 7.6)



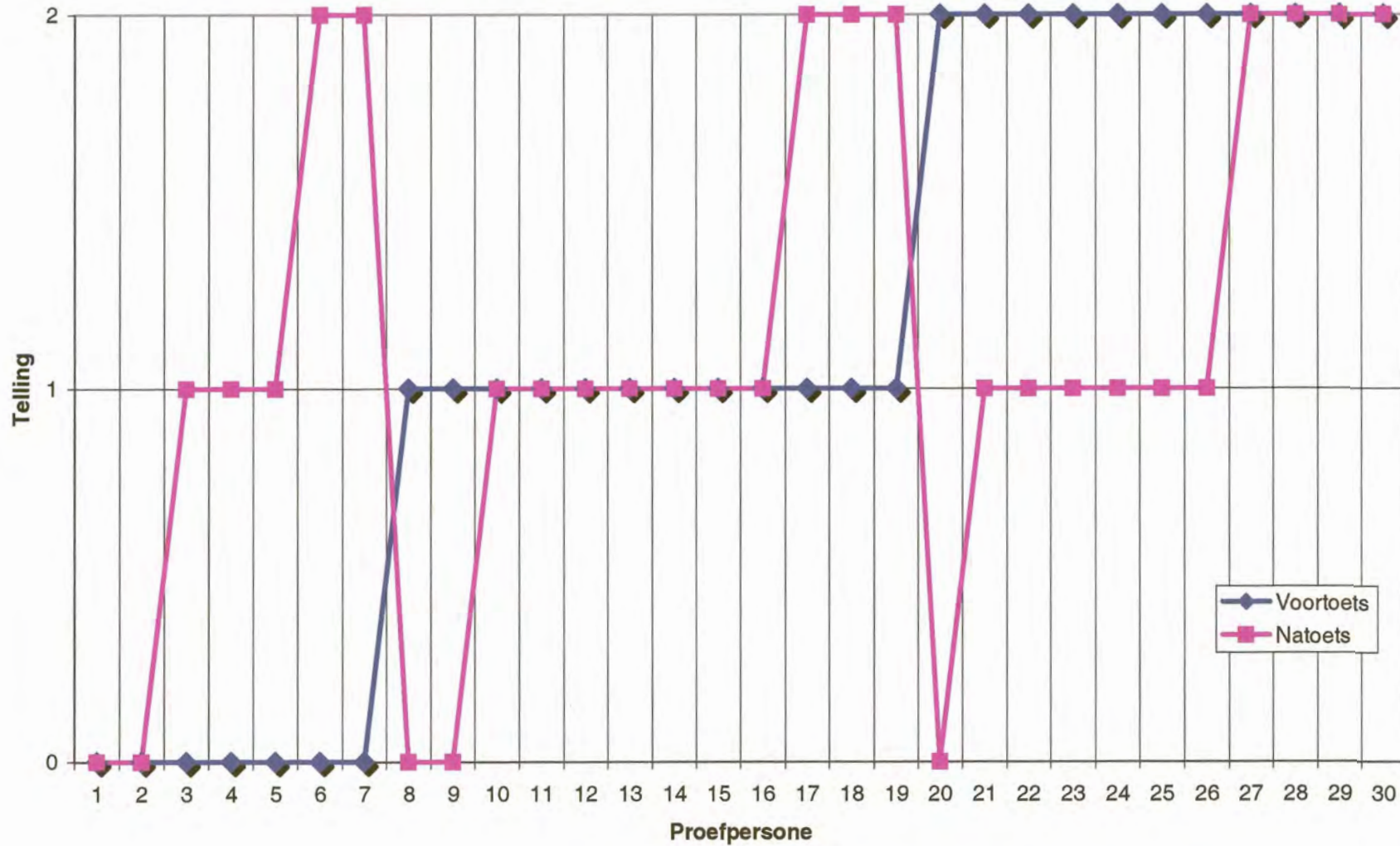
Grafiek 15. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir oorteken van 'n horisontale diamant (subtoetsitem 7.7)



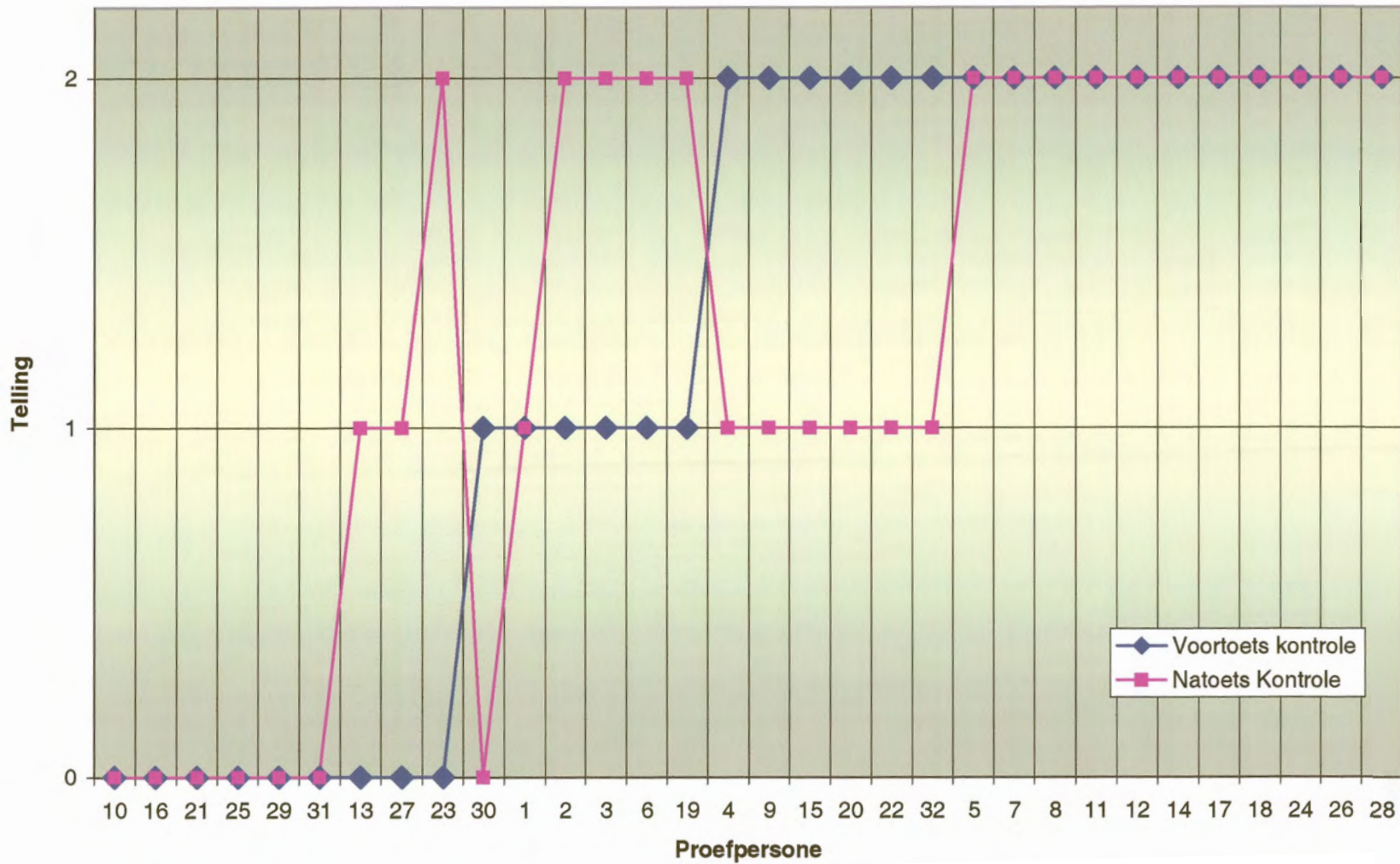
Grafiek16. Kontrolegroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die teken van 'n horisontale diamant (subtoets 7.7)



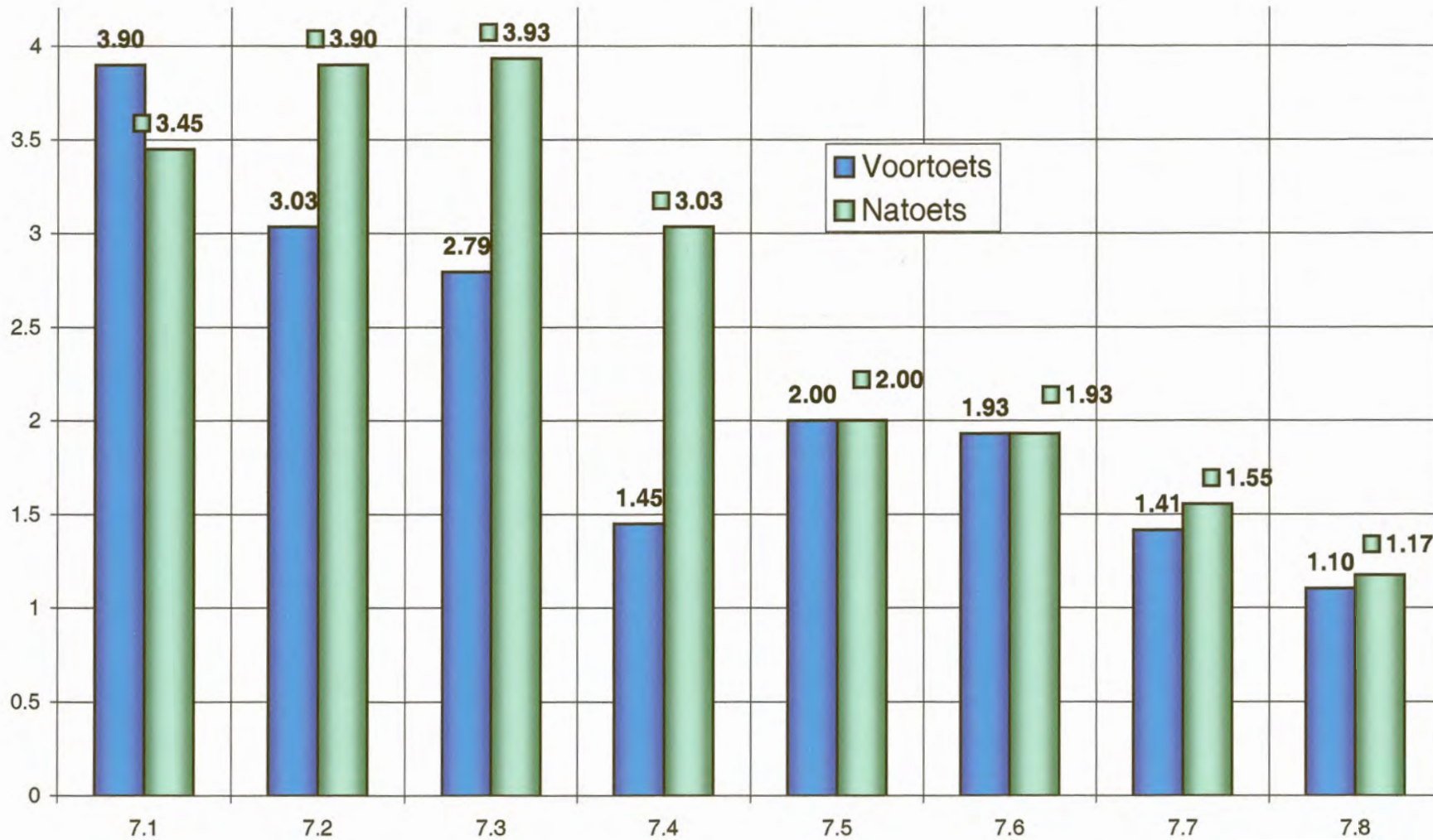
Grafiek 17. Proefgroep: Vergelyking van voor- en natoetstelling per proefpersoon vir die oorteken van twee oorvleuelende potlode (subtoetsitem 7.8)



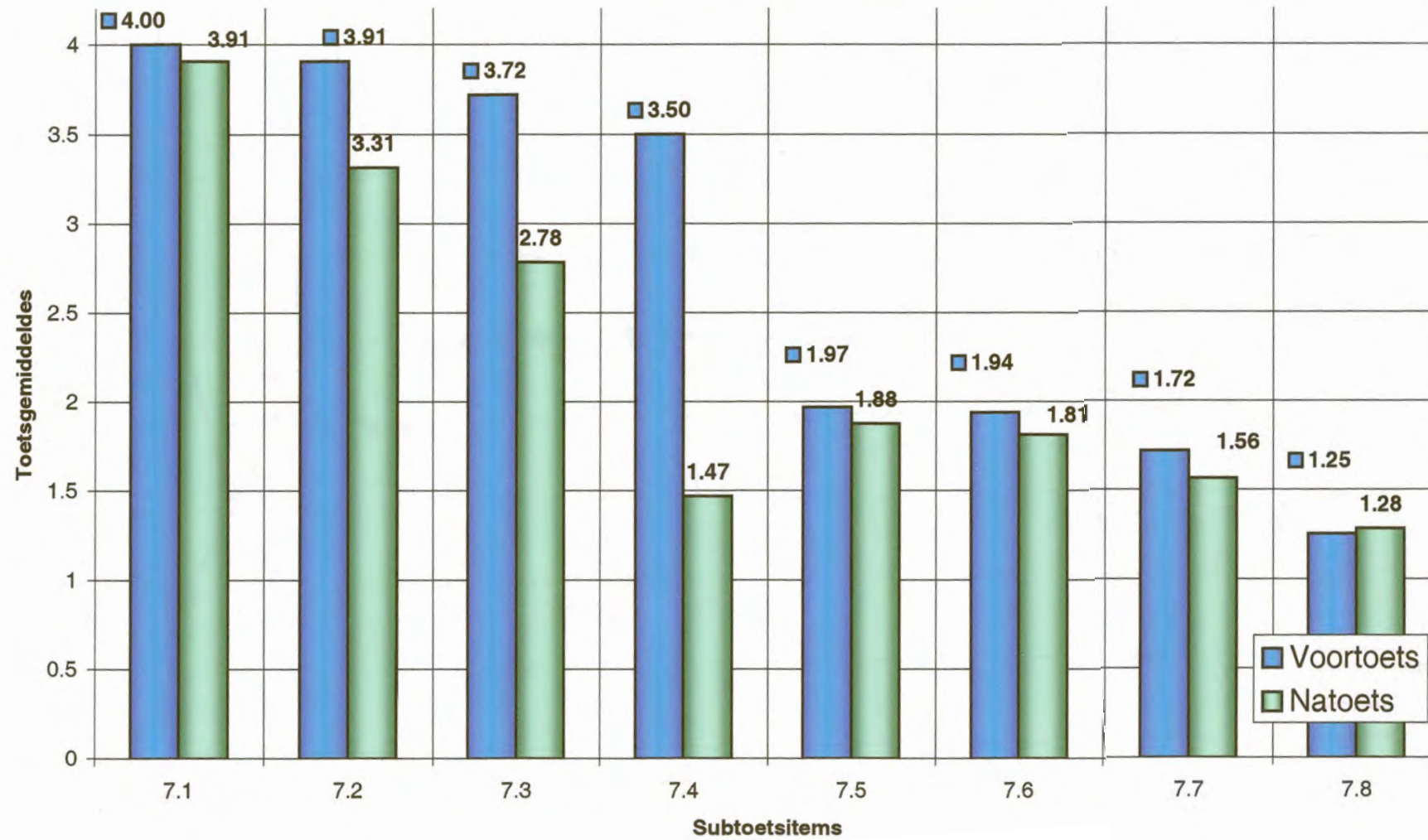
Grafiek18. Kontroliegroep: Vergelyking van die voor- en natoetstellers per proefpersoon vir die teken van twee oorvleuelende potlode (subtoets 7.8)



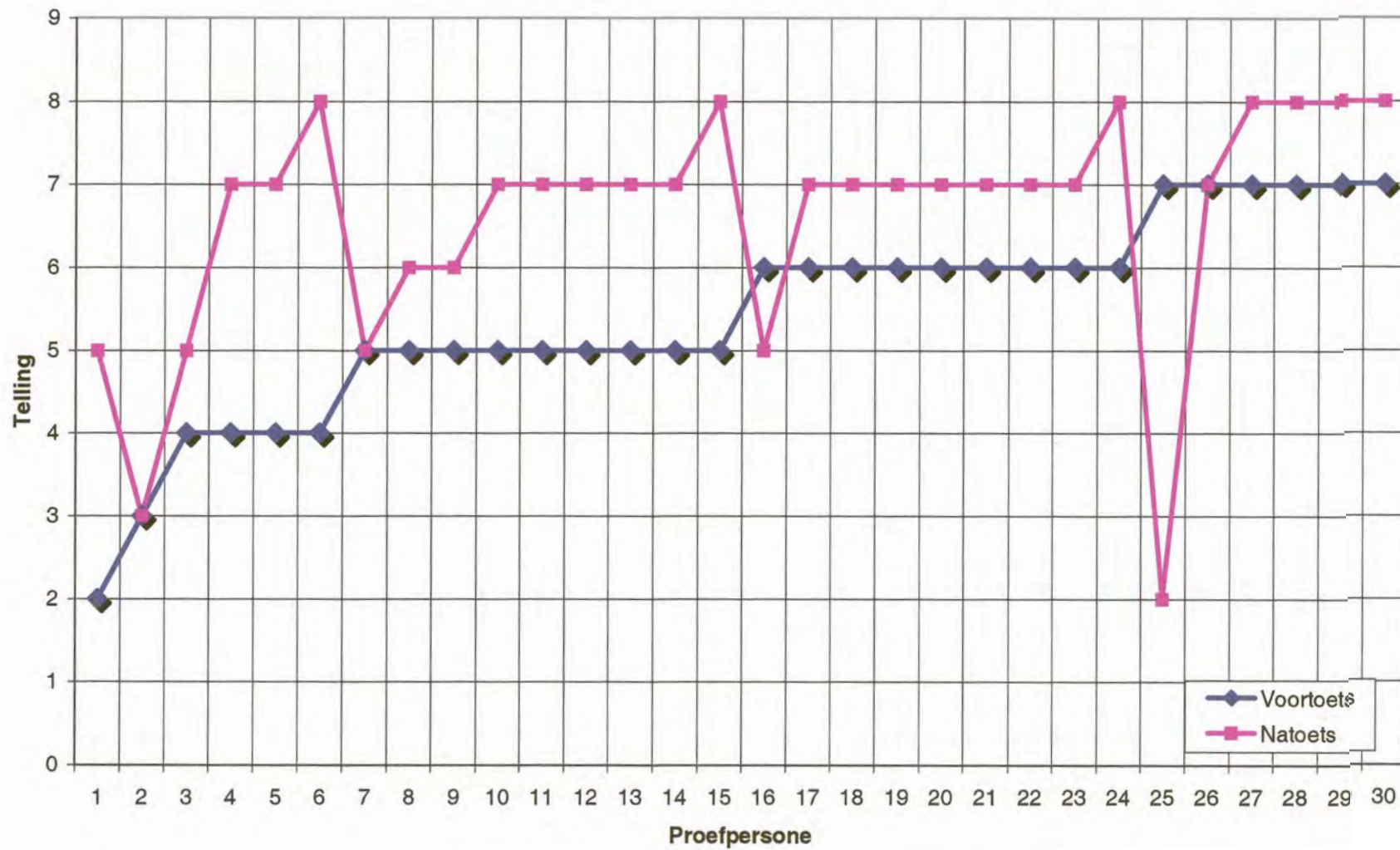
Grafiek19 Proefgroep: Vergelyking tussen die Voor-en Natoetsgemiddeldes vir subtoets 7



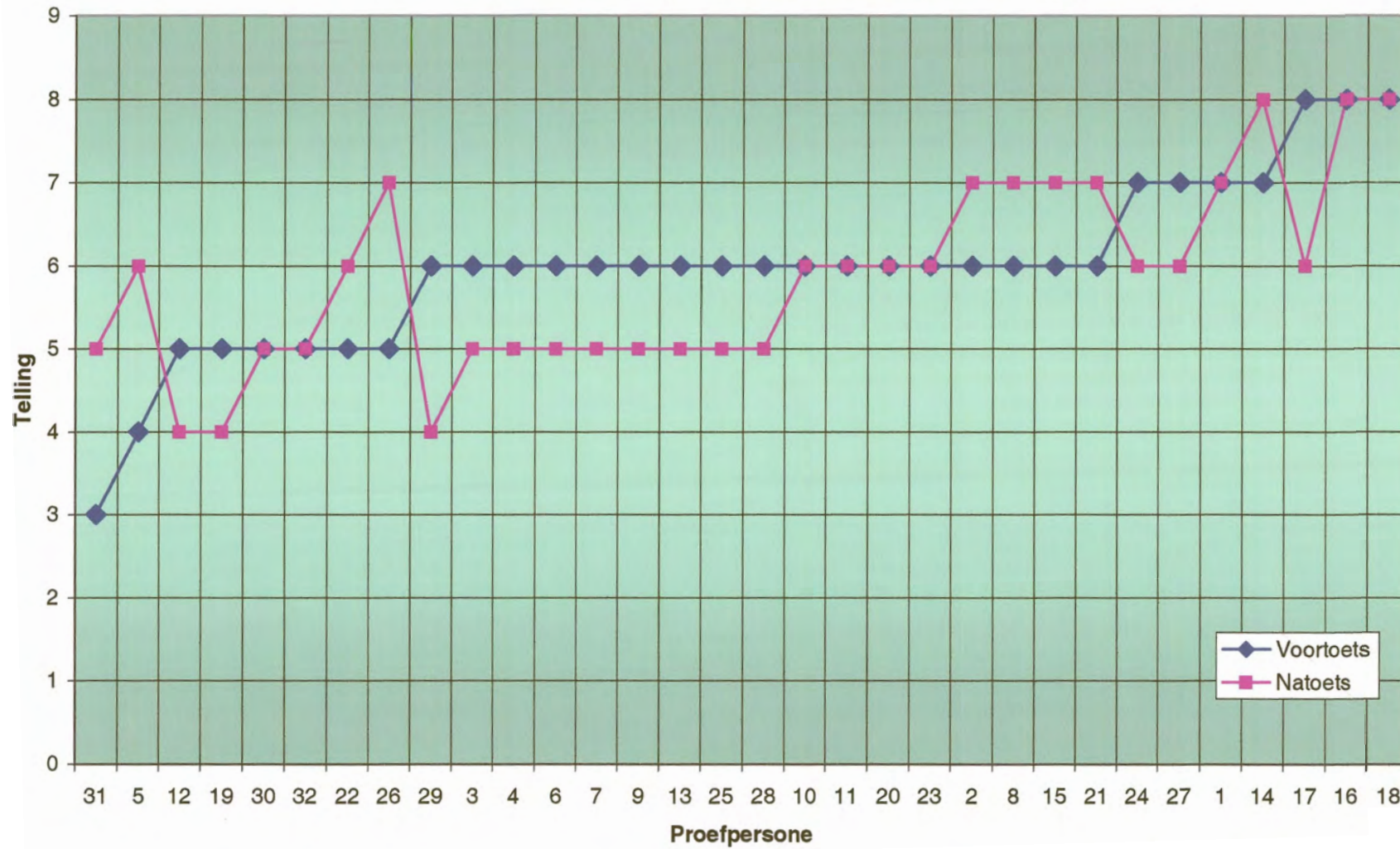
Grafiek20. Kontrolegroep: Vergelyking van die voor-en natoetsgemiddeldes vir die Visueel-motoriese Beheer (subtoets 7)



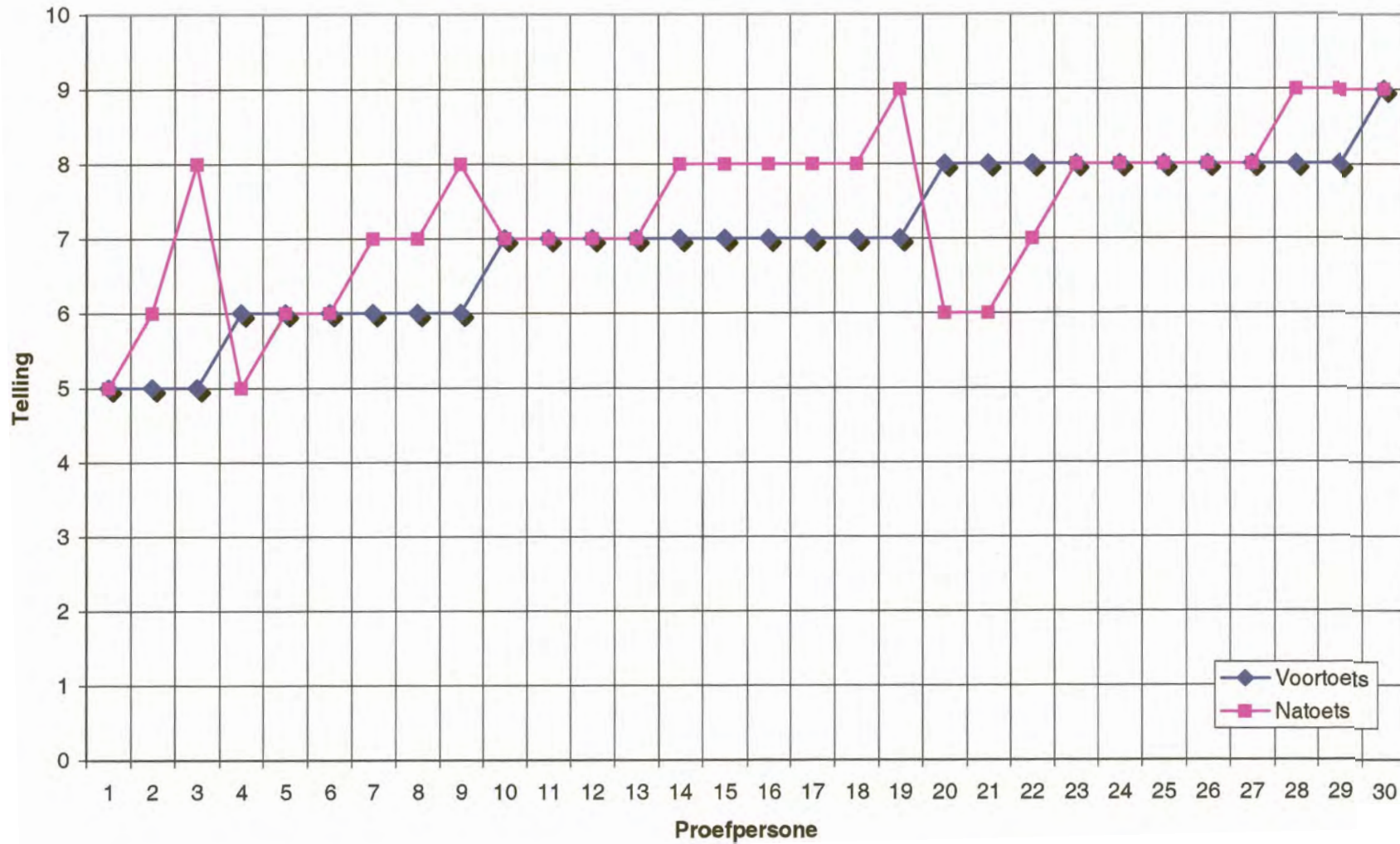
Grafiek 21. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die plaas van pennies in 'n houertjie met een hand (subtoetsitem 8.1)



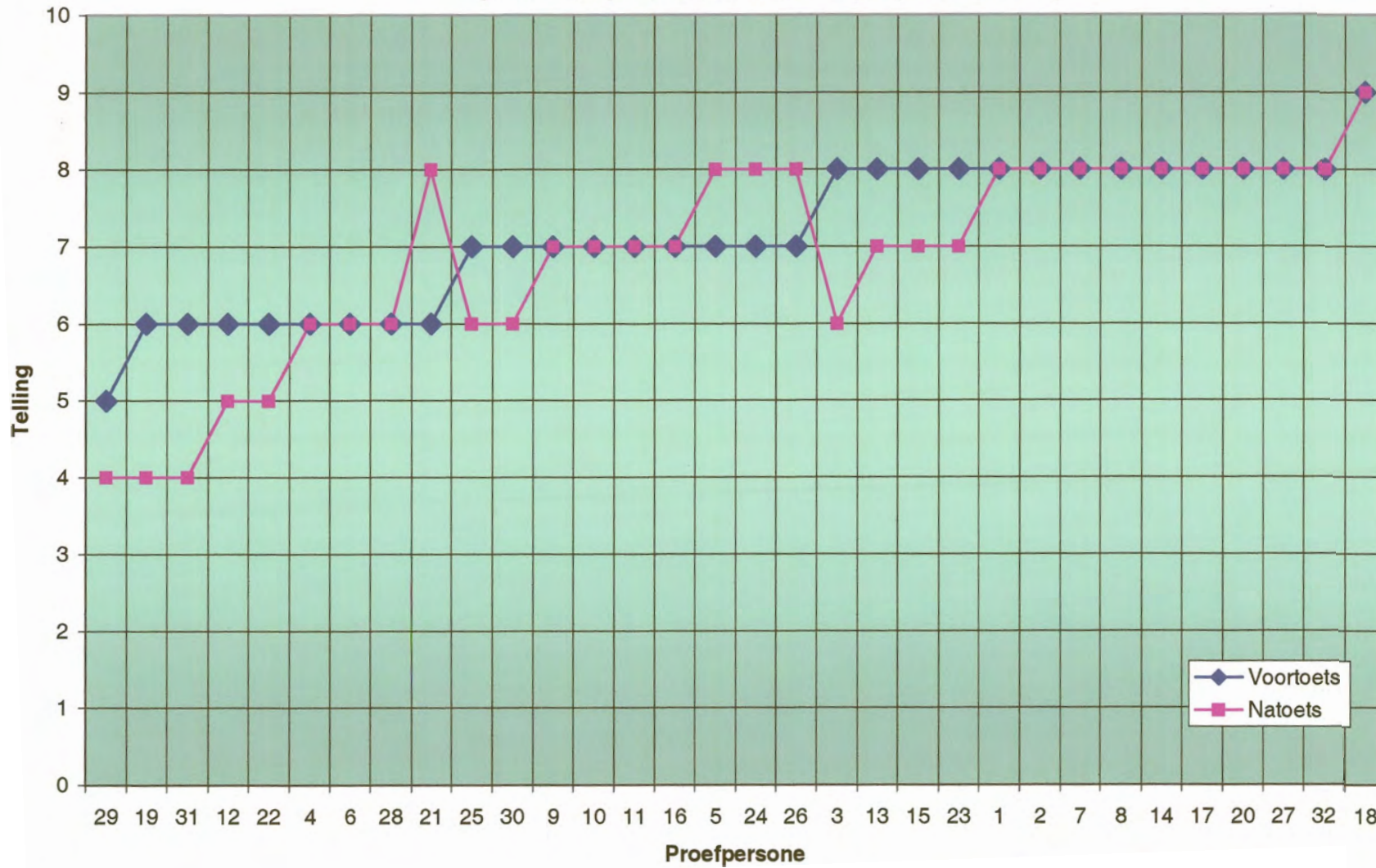
Grafiek 22. Kontroliegroep: Vergelyking van die voor- en natoetstellings per proefpersoon virdie plaas van pennies in 'n houertjie (subtoets 8.1)



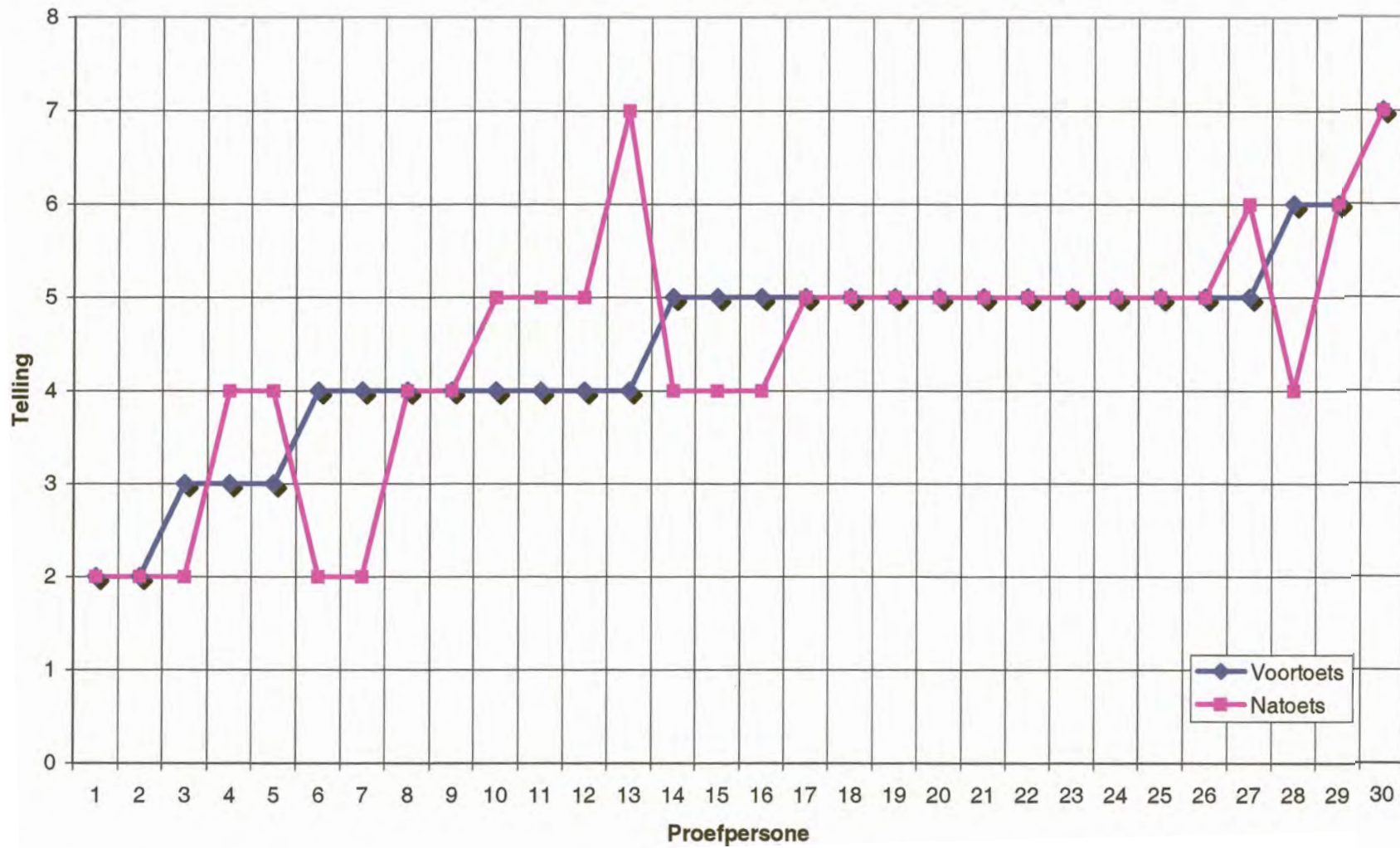
Grafiek 23. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die plaas van pennies in 'n houertjiemet twee hande (subtoetsitem 8.2)



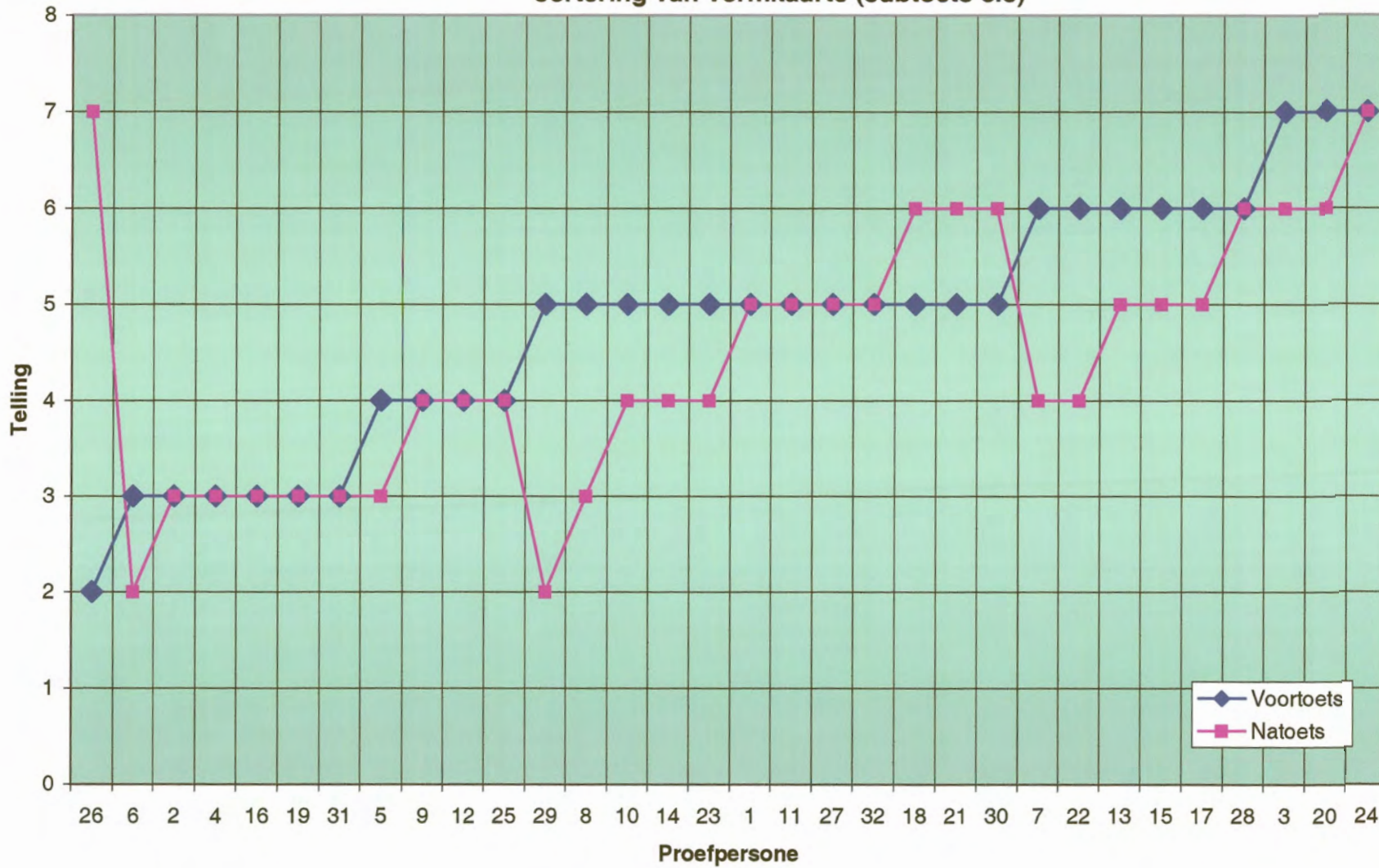
Grafiek 24. Controlegroep: Vergelyking van die voor- en natoetstellers per proefpersoon vir die plaas van pennies in 'n houertjie (subtoets 8.2)



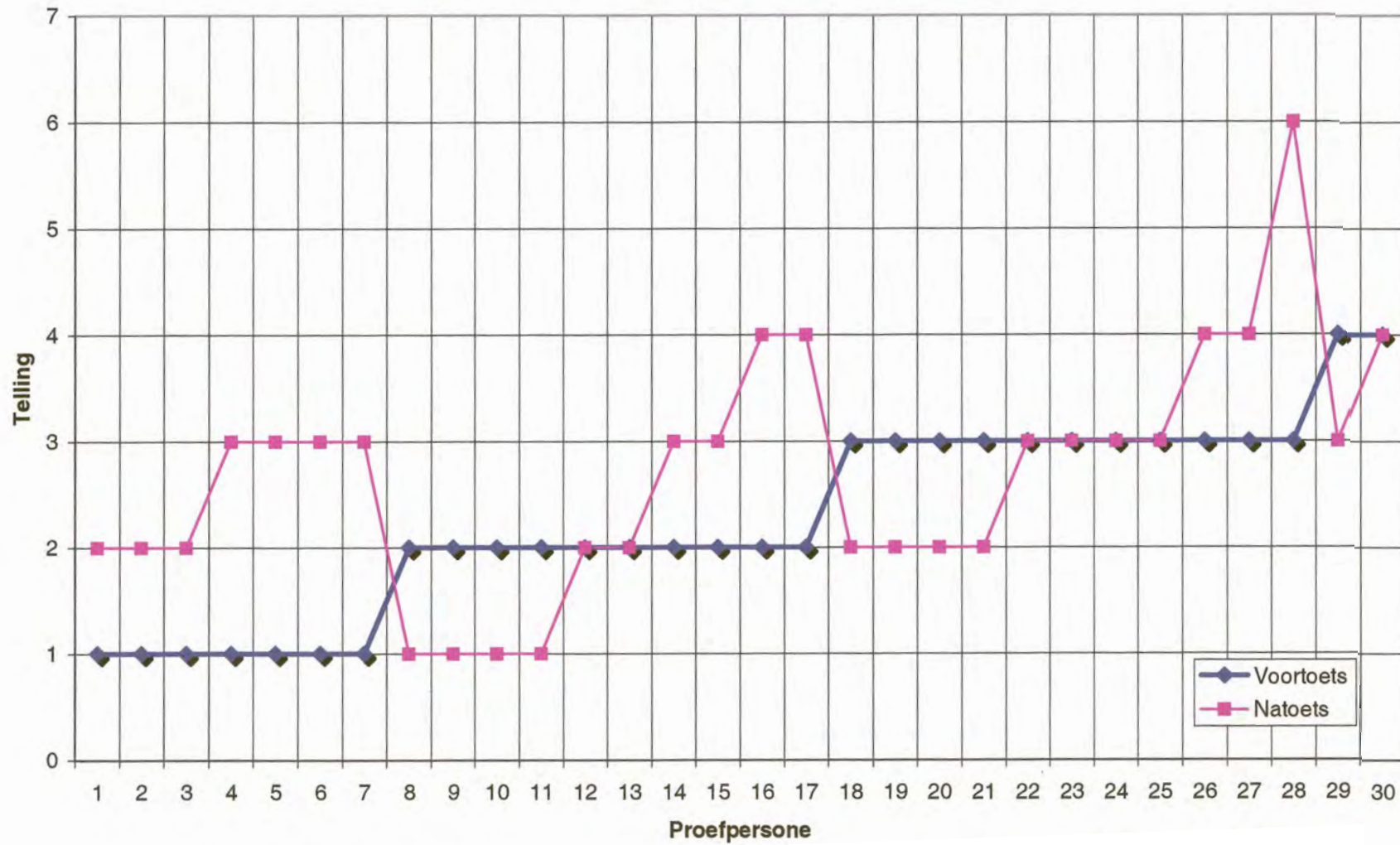
Grafiek 25. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die sortering van vormkaarte (subtoetsitem 8.3)



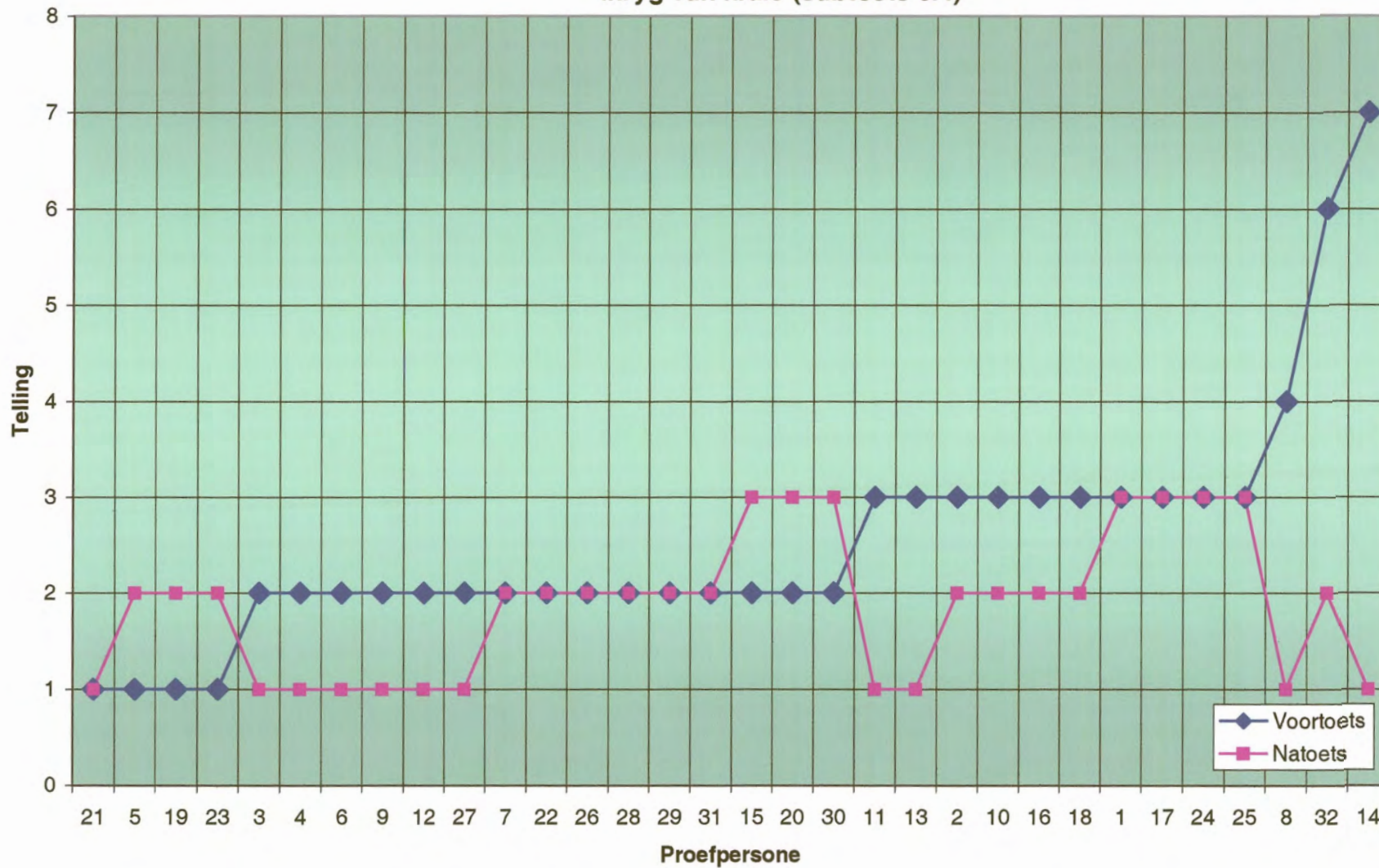
Grafiek 26. Controlegroep: Vergelyking van die voor- en natoetstellers per proefpersoon vir die sortering van vormkaarte (subtoets 8.3)



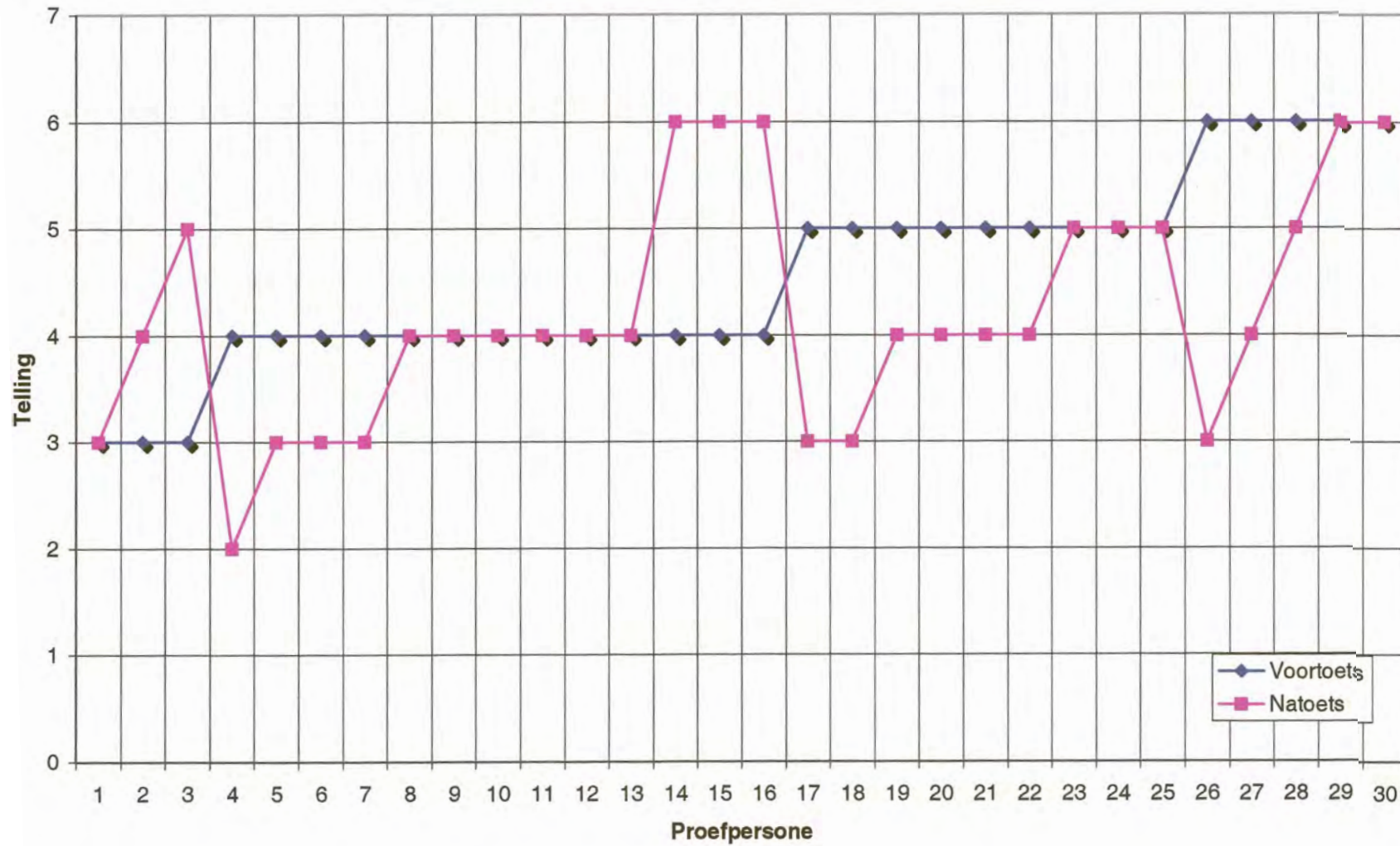
Grafiek 27. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die inryg van krale (subtoetsitem 8.4)



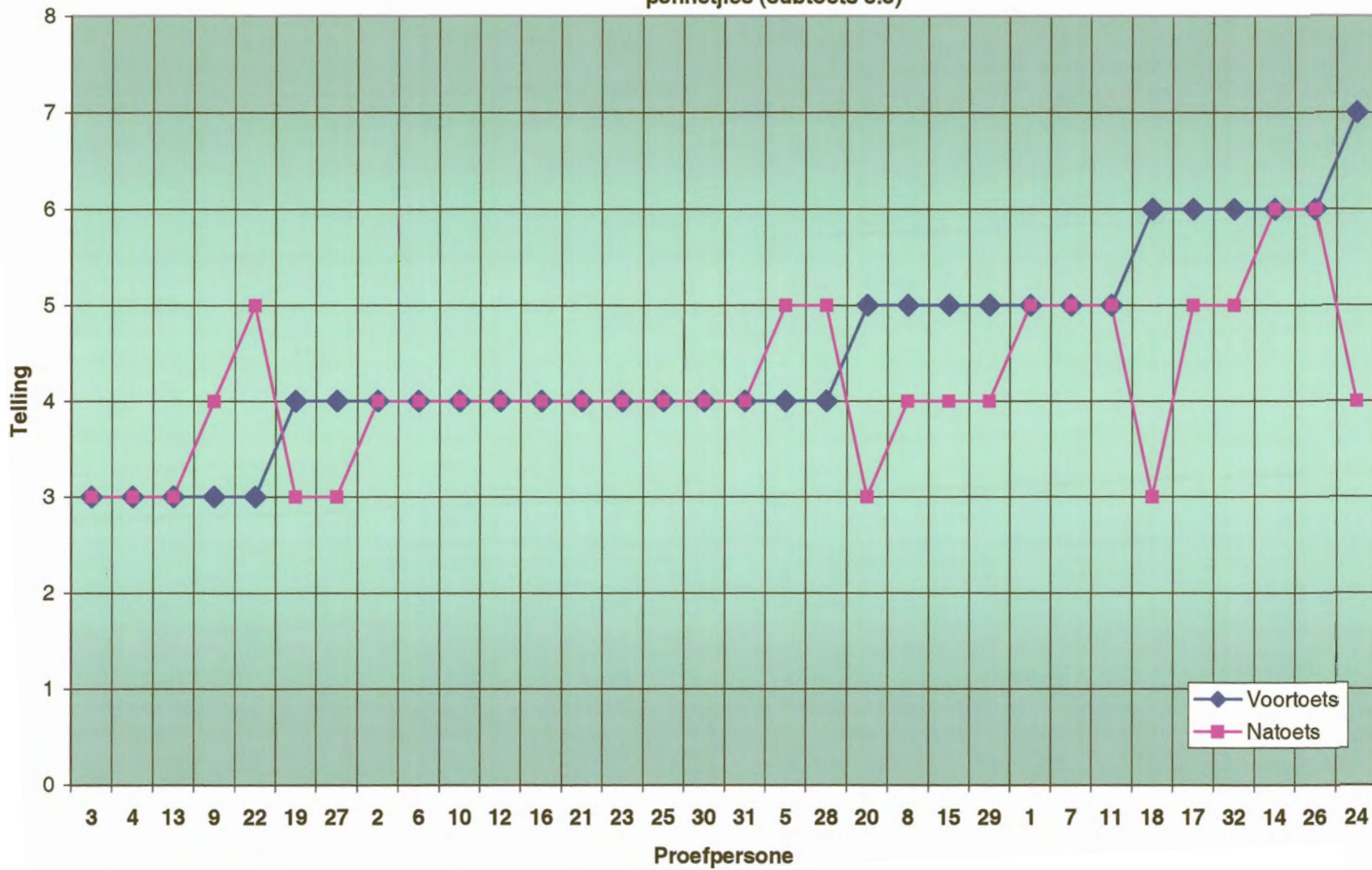
Grafiek 28. Kontroliegroep: Vergelyking van die voor- en natoetstellings per proefpersoon virdie inryg van krale (subtoets 8.4)



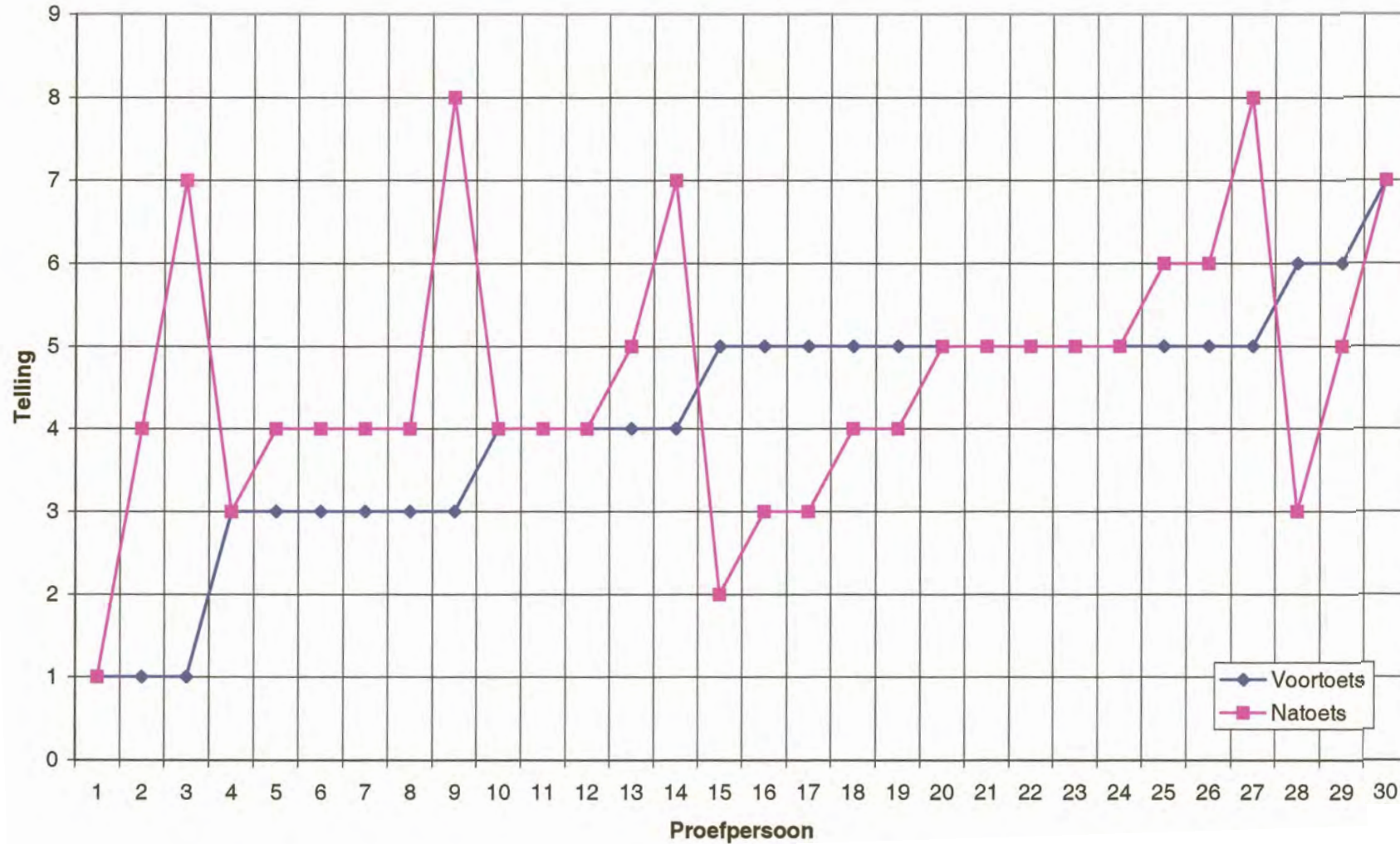
Grafiek29. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die verplasing van pennetjies van pennetjies (subtoetsitem 8.5)



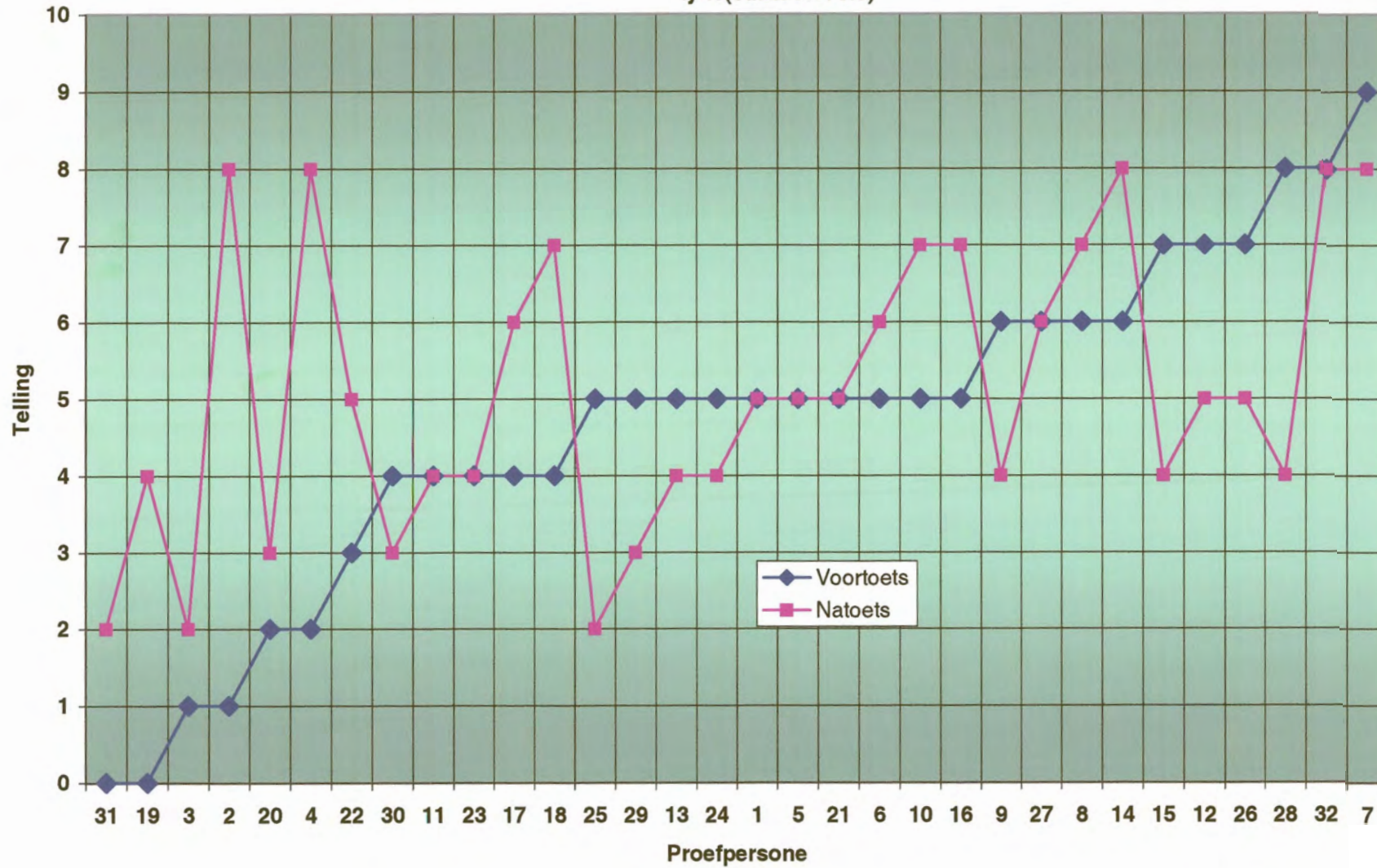
Grafiek 30 **Kontrolegroep:** Vergelyking van die Voor- en natoetstellers per proefpersoon vir die verplasing van pennetjies (subtoets 8.5)



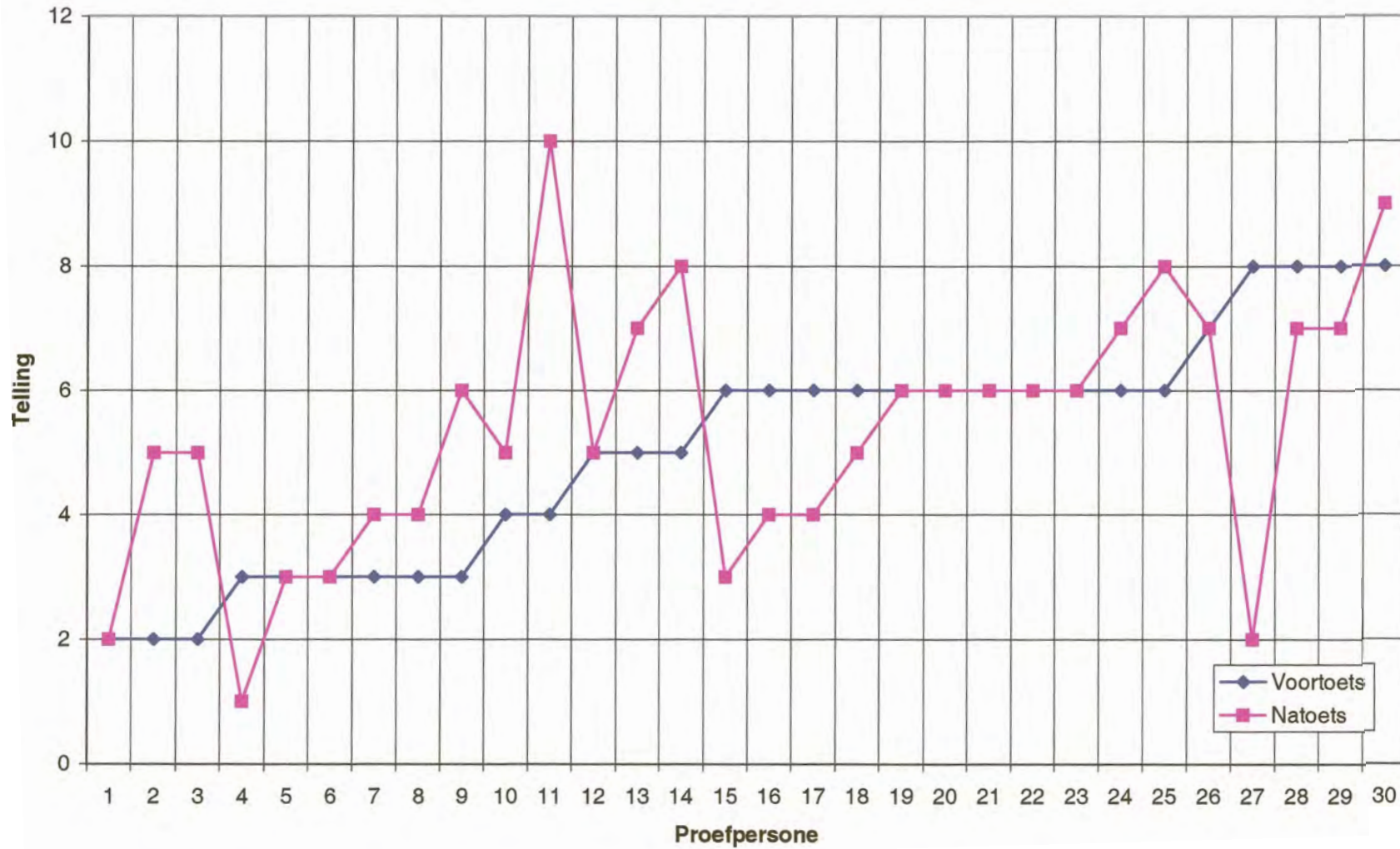
Grafiek 31. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die trek van vertikale lyne (subtoetsitem 8.6)



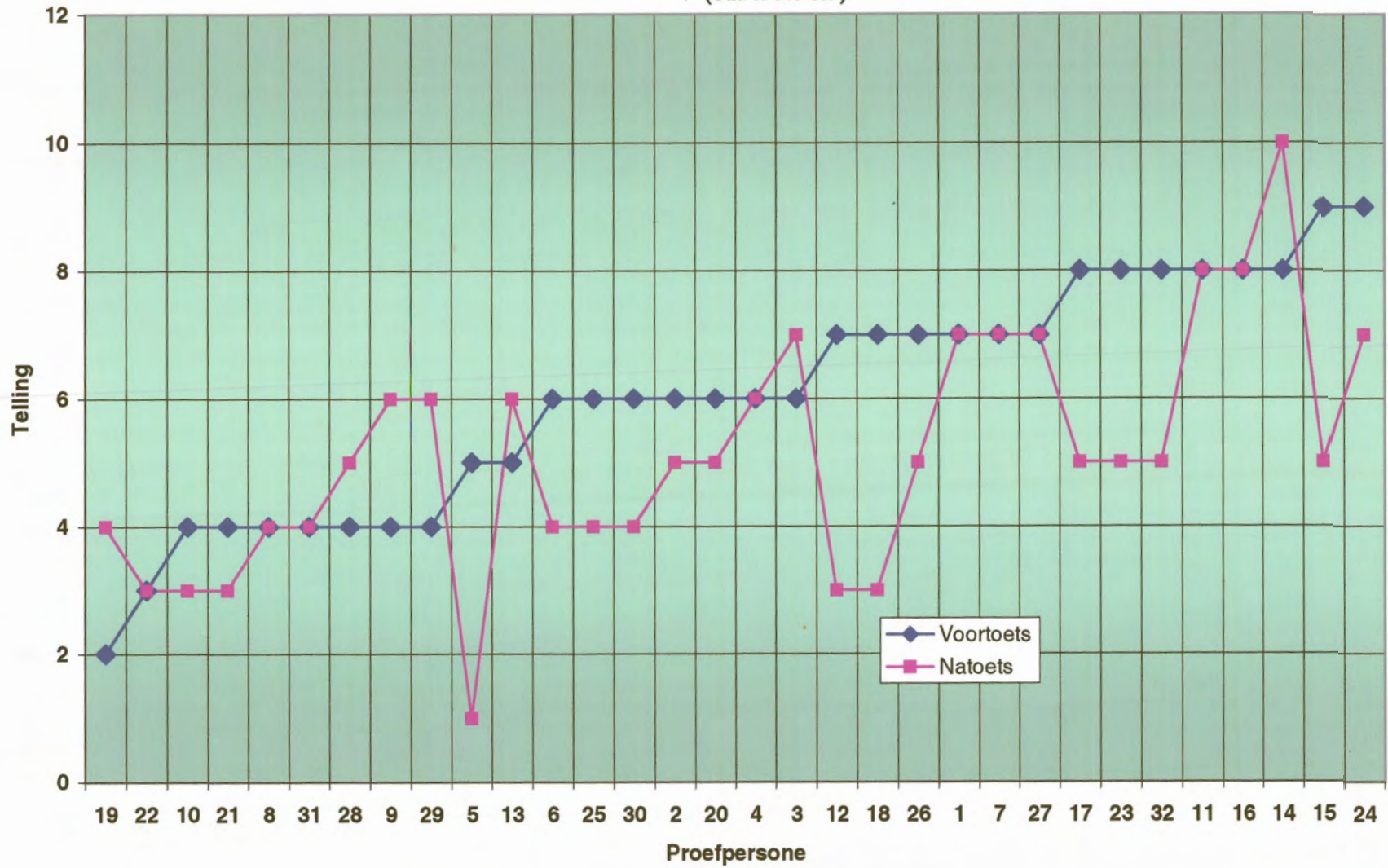
Grafiek 32 **Kontrolegroep:** Vergelyking van die voor- en natoetstellings per proefpersoon vir die trek van vertikale lyne(subtoets 8.6)



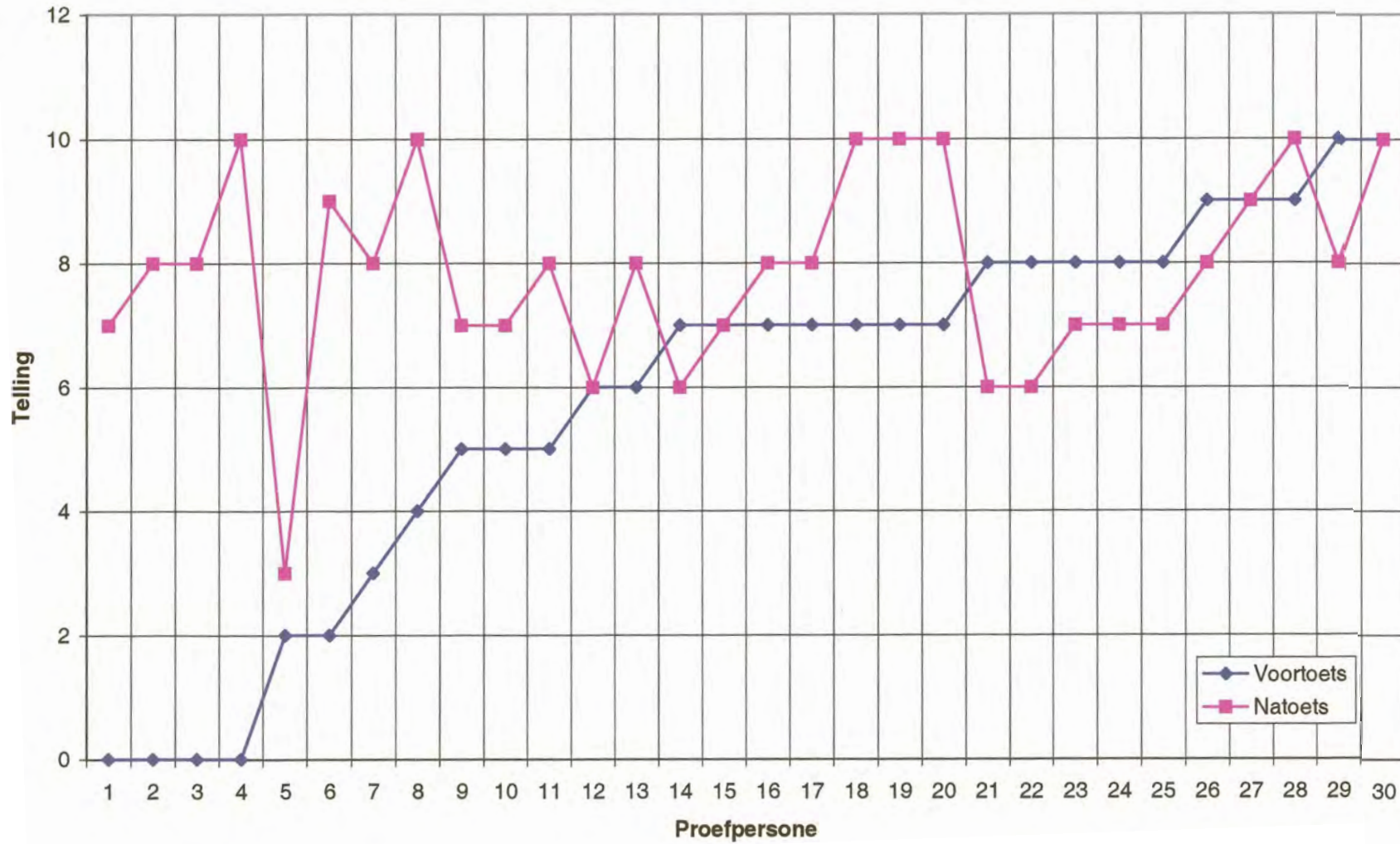
Grafiek 33. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die maak van kolletjies in 'n sirkel (subtoetsitem 8.7)



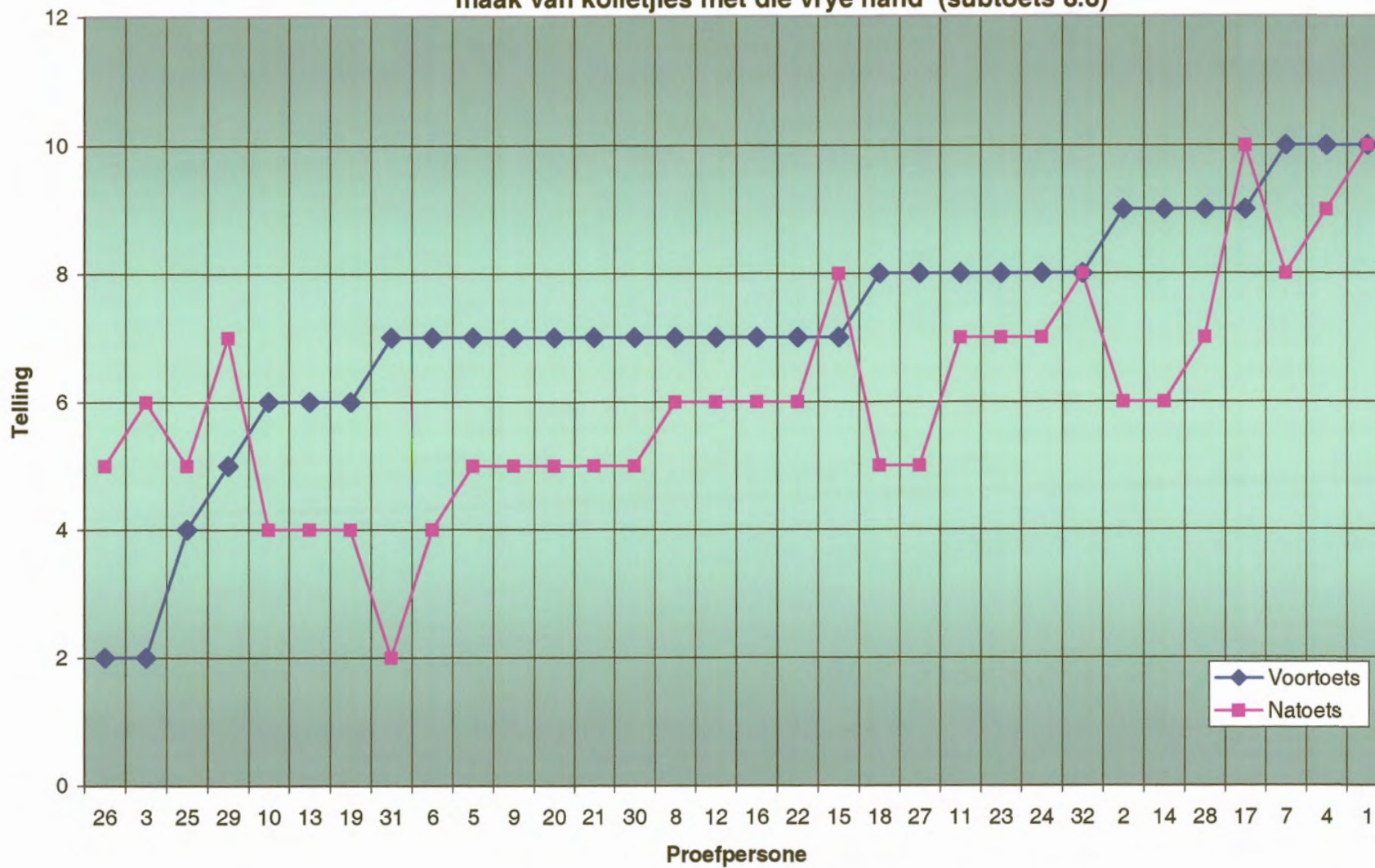
Grafiek 34 **Kontrolegroep:** Vergelyking van dievoor- en natoetstellings per proefpersoon vir die maak van kolletjies (subtoets 8.7)



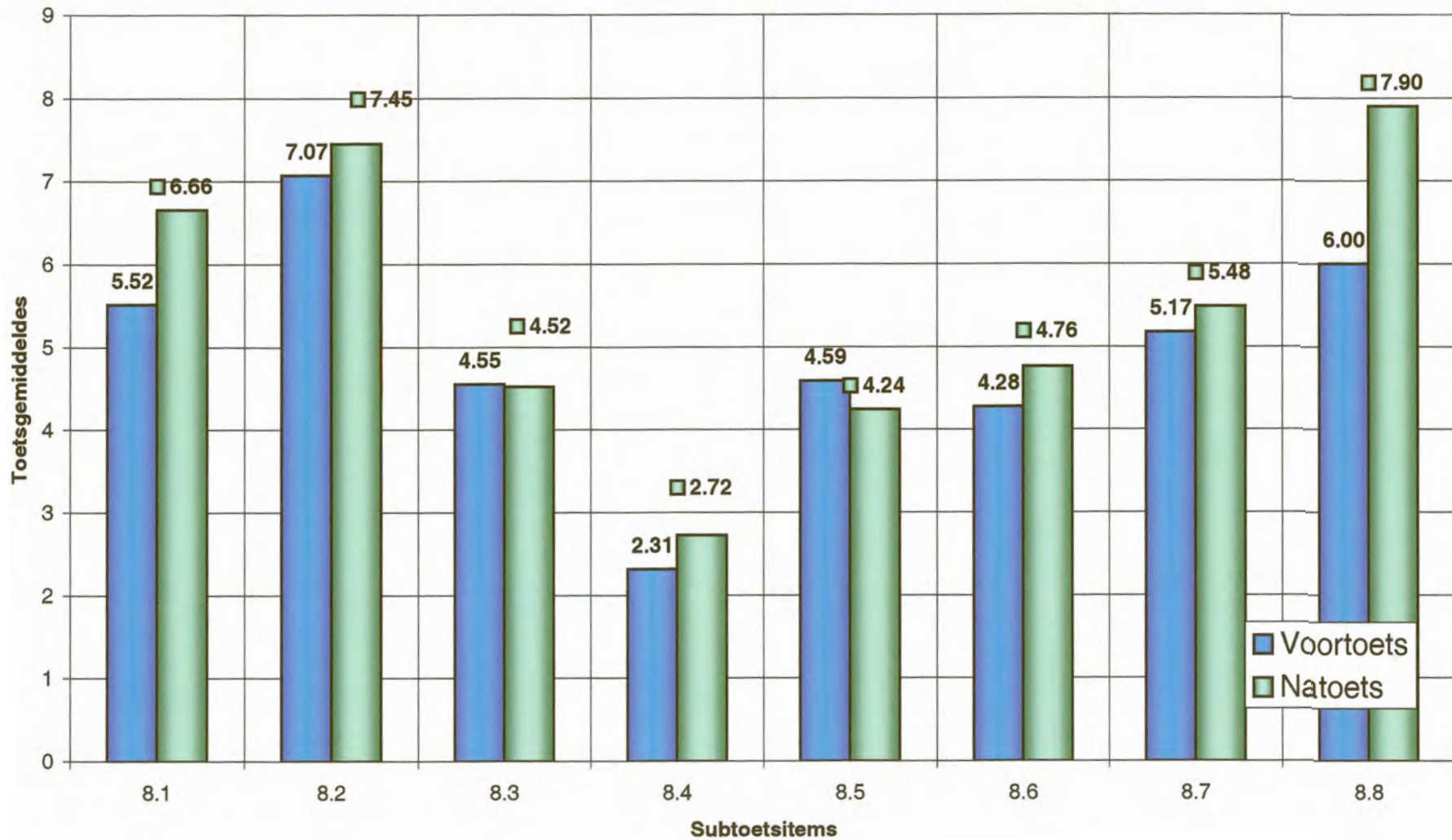
Grafiek 35. Proefgroep: Vergelyking van die voor- en natoetstelling per proefpersoon vir die maak van kolletjies met die vryhand (subtoetsitem 8.8)



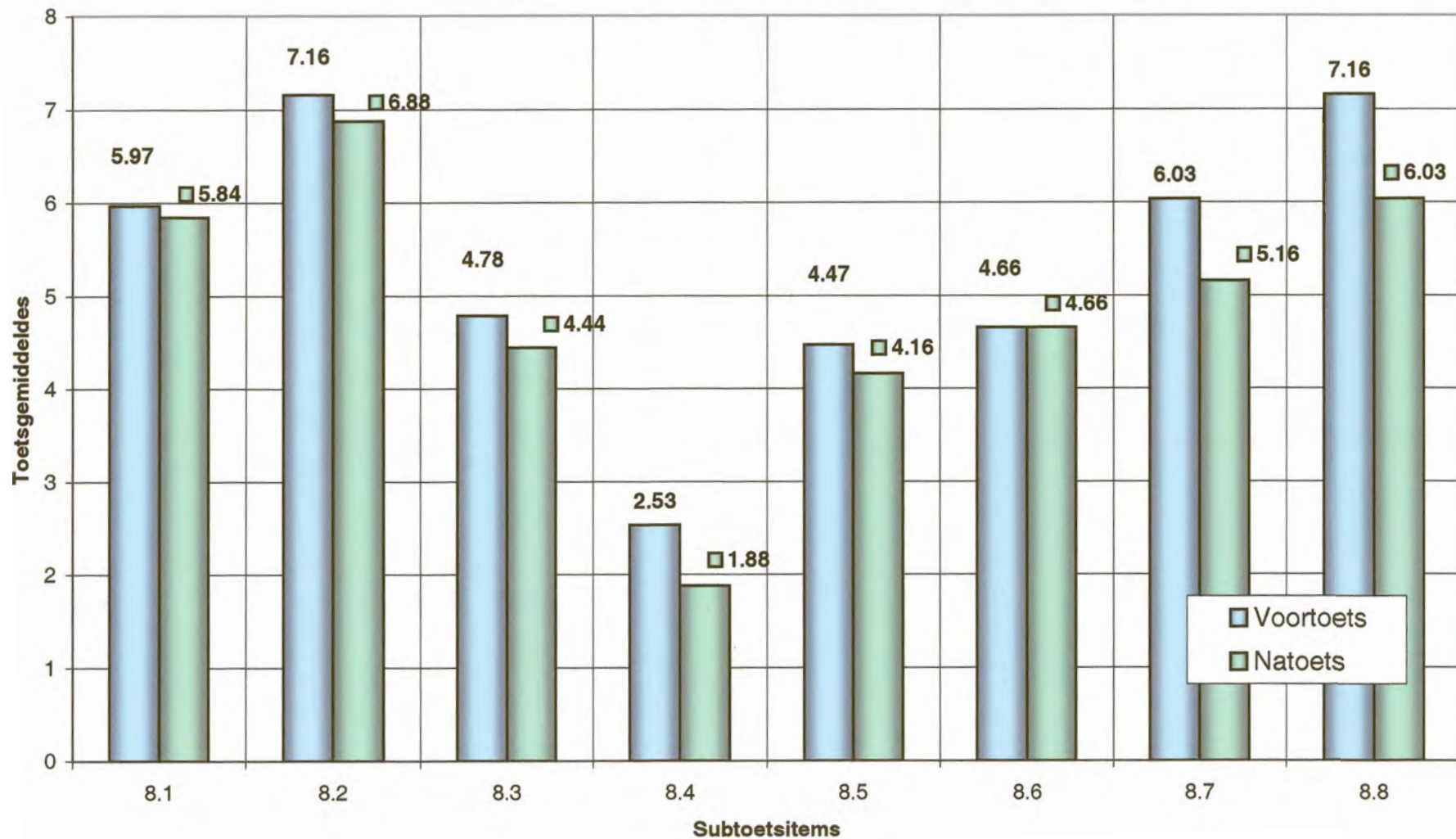
Grafiek 36. Kontrolegroep: Vergelyking van die voor- en natoetstellings per proefpersoon vir die maak van kolletjies met die vrye hand (subtoets 8.8)



Grafiek37. Proefgroep: Vergelyking van voor- en natoetsgemiddeldes vir die Boonste Ledemaatspoed en Boonste Ledemaatbehandigheid (subtoets 8)



Grafiek38. Kontrolegroep: Vergelyking van die voor-en natoetsgemiddeldes vir die Boonste Ledemaatspoed en Boonste Ledemaatbehendigheid (subtoets 8)



Bruininks-Oseretsky Test of Motor Proficiency

Robert H. Bruininks, Ph. D.

INDIVIDUAL RECORD FORM

Complete Battery
and Short Form

NAME _____ SEX: Boy Girl GRADE _____
 SCHOOL/AGENCY _____ CITY _____ STATE _____
 EXAMINER _____ REFERRED BY _____
 PURPOSE OF TESTING _____

<p>Arm Preference: (circle one) RIGHT LEFT MIXED</p> <p>Leg Preference: (circle one) RIGHT LEFT MIXED</p>	<p>Year Month Day</p> <p>Date Tested _____</p> <p>Date of Birth _____</p> <p>Chronological Age _____</p>
---	--

TEST SCORE SUMMARY

Complete Battery:						
SUBTEST	POINT SCORE Maximum Subject's	STANDARD SCORE Test (Table 23)	STANDARD SCORE Composite (Table 24)	PERCENTILE RANK (Table 25)	STANINE (Table 25)	OTHER
GROSS MOTOR SUBTESTS:						
1. Running Speed and Agility . . .	15	_____	_____	_____	_____	_____
2. Balance	32	_____	_____	_____	_____	_____
3. Bilateral Coordination	20	_____	_____	_____	_____	_____
4. Strength	42	_____	_____	_____	_____	_____
GROSS MOTOR COMPOSITE		* <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		SUM				
5. Upper-Limb Coordination . . .	21	_____	<input type="text"/>	_____	_____	_____
FINE MOTOR SUBTESTS:						
6. Response Speed	17	_____	_____	_____	_____	_____
7. Visual-Motor Control	24	_____	_____	_____	_____	_____
8. Upper-Limb Speed and Dexterity	72	_____	_____	_____	_____	_____
FINE MOTOR COMPOSITE		* <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		SUM				
BATTERY COMPOSITE		* <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		SUM				
*To obtain Battery Composite: Add Gross Motor Composite, Subtest 5 Standard Score, and Fine Motor Composite. Check result by adding Standard Scores on Subtests 1-8.						
Short Form:						
SHORT FORM	POINT SCORE Maximum Subject's	STANDARD SCORE (Table 27)	PERCENTILE RANK (Table 27)	STANINE (Table 27)		
SHORT FORM	98	_____	<input type="text"/>	<input type="text"/>	<input type="text"/>	

DIRECTIONS

Complete Battery:

- During test administration, record subject's response for each trial.
- After test administration, convert performance on each item (item raw score) to a point score, using scale provided. For an item with more than one trial, choose best performance. Record item point score in circle to right of scale.
- For each subtest, add item point scores, record


total in circle provided at end of each subtest and in Test Score Summary section. Consult *Examiner's Manual* for norms tables.

Short Form:

- Follow Steps 1 and 2 for Complete Battery, except record each point score in box to right of scale.
- Add point scores for all 14 Short Form items and record total in Test Score Summary section. Consult *Examiner's Manual* for norms tables.

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SUBTEST 6: Response Speed

1. Response Speed^{SF}

TRIAL	SECONDS TO WAIT	SCORE ¹	RANKED TRIAL SCORES ²
Practice 1	1	XXXX	
Practice 2	3	XXXX	
1	2	_____	HIGHEST
2	3	_____	
3	1	_____	
4	3	_____	MEDIAN
5	2	_____	
6	1	_____	
7	1	_____	LOWEST

¹Record number from response speed stick in this column.

²Rank all seven trial scores, highest to lowest, in boxes provided. The point score for Subtest 6 is the median (middle), or fourth, score from the top.

POINT SCORE SUBTEST 6 (Max: 21)

POINT SCORE SUBTEST 6 (Max: 17)

SUBTEST 7: Visual-Motor Control

1. Cutting Out a Circle with Preferred Hand

NUMBER OF ERRORS: _____

Raw Score	Above 10	10	8-9	3-7	0-2
Point Score	0	1	2	3	4

2. Drawing a Line Through a Crooked Path with Preferred Hand

NUMBER OF ERRORS: _____

Raw Score	Above 6	6	2-5	1	0
Point Score	0	1	2	3	4

3. Drawing a Line Through a Straight Path with Preferred Hand^{SF}

NUMBER OF ERRORS: _____

Raw Score	Above 6	6	2-5	1	0
Point Score	0	1	2	3	4

4. Drawing a Line Through a Curved Path with Preferred Hand

NUMBER OF ERRORS: _____

Raw Score	Above 6	6	2-5	1	0
Point Score	0	1	2	3	4

5. Copying a Circle with Preferred Hand^{SF}

SCORE: _____

* Raw Score	0	1	2
Point Score	0	1	2

6. Copying a Triangle with Preferred Hand

SCORE: _____

* Raw Score	0	1	2
Point Score	0	1	2

7. Copying a Horizontal Diamond with Preferred Hand

SCORE: _____

* Raw Score	0	1	2
Point Score	0	1	2

8. Copying Overlapping Pencils with Preferred Hand^{SF}

SCORE: _____

* Raw Score	0	1	2
Point Score	0	1	2

RECORD POINT SCORES FOR COMPLETE BATTERY

RECORD POINT SCORES FOR SHORT FORM

SUBTEST 8: Upper-Limb Speed and Dexterity

1. Placing Pennies in a Box with Preferred Hand (15 seconds)

NUMBER OF PENNIES: _____

Raw Score	0-5	6-10	11-13	14-15	16-17	18-19	20-21	22-23	24
Point Score	0	1	2	3	4	5	6	7	8

2. Placing Pennies in Two Boxes with Both Hands (50 seconds maximum for seven correct pairs)

PAIRS CORRECT: TIME IN SECONDS: _____

Raw Score	Above 49	41-49	31-40	26-30	21-25	18-20	16-17	14-15	12-13	10-11	Below 10
Point Score	0	1	2	3	4	5	6	7	8	9	10

3. Sorting Shape Cards with Preferred Hand^{SF} (15 seconds)

NUMBER OF CARDS: _____

Raw Score	0	1-8	9-12	13-16	17-20	21-25	26-29	30-33	34-37	38-41	Above 41
Point Score	0	1	2	3	4	5	6	7	8	9	10

4. Stringing Beads with Preferred Hand (15 seconds)

NUMBER OF BEADS: _____

Raw Score	0-1	2-4	5	6	7	8	9	Above 9
Point Score	0	1	2	3	4	5	6	7

5. Displacing Pegs with Preferred Hand (15 seconds)

NUMBER OF PEGS: _____

Raw Score	0	1-5	6-7	8-9	10-11	12-13	14-15	16-18	19-20
Point Score	0	1	2	3	4	5	6	7	8

6. Drawing Vertical Lines with Preferred Hand (15 seconds)

NUMBER OF LINES: _____

Raw Score	0	1-3	4-6	7-9	10-12	13-16	17-20	21-24	25-35	Above 35
Point Score	0	1	2	3	4	5	6	7	8	9

7. Making Dots in Circles with Preferred Hand^{SF} (15 seconds)

NUMBER OF CIRCLES WITH DOTS: _____

Raw Score	0	1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-50	51-60	Above 60
Point Score	0	1	2	3	4	5	6	7	8	9	10

8. Making Dots with Preferred Hand (15 seconds)

NUMBER OF DOTS: _____

Raw Score	Below 10	10-25	26-35	36-45	46-55	56-65	66-75	76-85	86-95	96-105	Above 105
Point Score	0	1	2	3	4	5	6	7	8	9	10

RECORD POINT SCORES FOR COMPLETE BATTERY

RECORD POINT SCORES FOR SHORT FORM



POINT SCORE SUBTEST 8 (Max: 72)

Bruininks-Oseretsky Test of Motor Proficiency

Robert H. Bruininks, Ph.D.

STUDENT BOOKLET

Name _____

Examiner _____ Date _____

AGS American Guidance Service
Circle Pines, Minnesota 55014-1796

SUBTEST 3: Bilateral Coordination

Item 8 / Drawing Lines and Crosses Simultaneously

PRACTICE


TEST

For additional forms, call or write AGS, 4201 Woodland Road, Circle Pines, MN 55014-1796; toll-free 800-328-2560.

Ask for item 1586, B.O. Student Booklets (25 per package).

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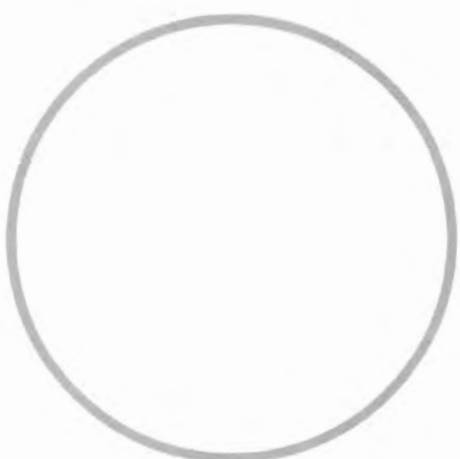
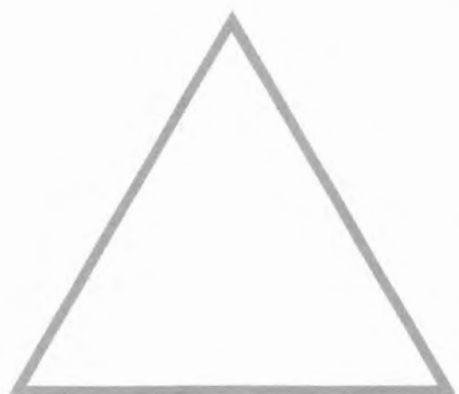
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Number of pairs

SUBTEST 7: Visual-Motor Control

Item 5^{SF} / Copying a Circle
with Preferred Hand

Item 6 / Copying a Triangle
with Preferred Hand

Score

Score

Appendix A

Scoring Criteria for Subtest 7/Items 5-8

Point scores of 2, 1, or 0 are assigned to each drawing depending on how closely it resembles the standard in the Student Booklet. Before scoring any of the items, review the general criteria. Then refer to the specific criteria for each item. First consider the criteria for a good shape. If the drawing meets these criteria, record a point score of 2 in the Student Booklet. If the drawing does not meet the criteria for a good shape, compare it with the criteria for an adequate shape. If these criteria are met, record a point score of 1; if not, record a zero. When all four items have been scored, transfer the scores to the Individual Record Form.

General Criteria

Precision of shape is the primary criterion for scoring. General guidelines for judging precision are outlined below. Details and examples are included with the specific criteria for each drawing.

Good (point score = 2). The drawing closely resembles the standard in exactness of its lines, general proportion, and configuration. It includes all lines and contains no extraneous lines.

Adequate (point score = 1). The drawing resembles the general shape of the standard, includes all lines, and contains no extraneous lines, though some lines may be slightly short, overlapping, or extended.

Inadequate (point score = 0). The drawing does not resemble the standard, contains extraneous lines, or has missing parts.

Consider as extraneous those lines that have no relationship to the shape of the drawing. Do not consider as extraneous lines that result from an overlap or lines that extend slightly.

Examples:



*Added Line
(extraneous)*



*Overlapping Line
(not extraneous)*



*Extended Line
(not extraneous)*