
International Prognostic factor project in Hodgkin's Lymphoma

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A PROGNOSTIC SCORE FOR ADVANCED HODGKIN'S DISEASE

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FOR THE INTERNATIONAL PROGNOSTIC FACTORS PROJECT ON ADVANCED HODGKIN'S DISEASE***

Deskription

TABLE 1. RESULTS OF THE UNIVARIATE ANALYSIS OF FREEDOM FROM PROGRESSION OF DISEASE AND OVERALL SURVIVAL AT FIVE YEARS.*

VARIABLE	NO. OF PATIENTS (%)	RATE OF FREEDOM FROM PROGRESSION (%)	P VALUE	RATE OF OVERALL SURVIVAL (%)	P VALUE
All patients	4695	66±1		78±1	
Age	4695		<0.001		<0.001
15–24 yr	1334 (28)	65±1		82±1	
25–34 yr	1465 (31)	68±1		82±1	
35–44 yr	905 (19)	69±2		80±2	
45–54 yr	582 (12)	65±2		73±2	
55–65 yr	409 (9)	56±3		57±3	
Sex	4693		0.002		0.003
Male	2882 (61)	64±1		77±1	
Female	1811 (39)	69±1		80±1	
Histologic type	4692		0.12		<0.001
Lymphocyte predominance	162 (3)	66±4		75±4	
Nodular sclerosis	2936 (63)	67±1		80±1	
Mixed cellularity	1202 (26)	65±1		75±1	
Lymphocyte depletion	124 (3)	56±5		62±5	
Unclassified	268 (6)	66±3		73±3	
Ann Arbor stage	4692		<0.001		<0.001
I or II	603 (13)	74±2		84±2	
III	2110 (45)	69±1		81±1	
IV	1979 (42)	60±1		73±1	

COX-Modell mit 7 binären Faktoren

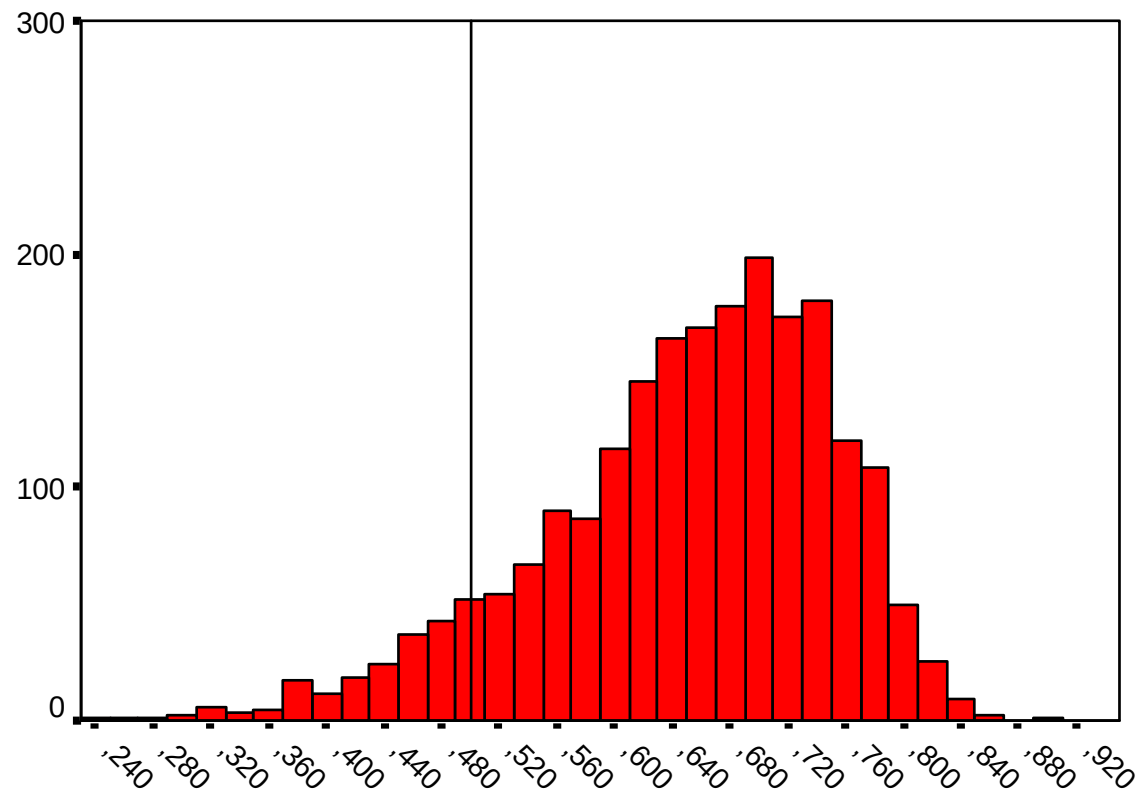
TABLE 2. THE FINAL COX REGRESSION MODEL.*

FACTOR	LOG HAZARD RATIO	P VALUE	RELATIVE RISK
Serum albumin, <4 g/dl	0.40±0.10	<0.001	1.49
Hemoglobin, <10.5 g/dl	0.30±0.11	0.006	1.35
Male sex	0.30±0.09	0.001	1.35
Stage IV disease	0.23±0.09	0.011	1.26
Age, ≥45 yr	0.33±0.10	0.001	1.39
White-cell count, ≥15,000/mm ³	0.34±0.11	0.001	1.41
Lymphocyte count, <600/mm ³ or <8% of white-cell count	0.31±0.10	0.002	1.38

*Hazard ratios and relative risks are for freedom from progression of disease in patients with the factors as compared with those without the factors. Plus-minus values are rate estimates ±SE (approximate 95 percent confidence intervals can be calculated as the rate estimates ±2 SE).

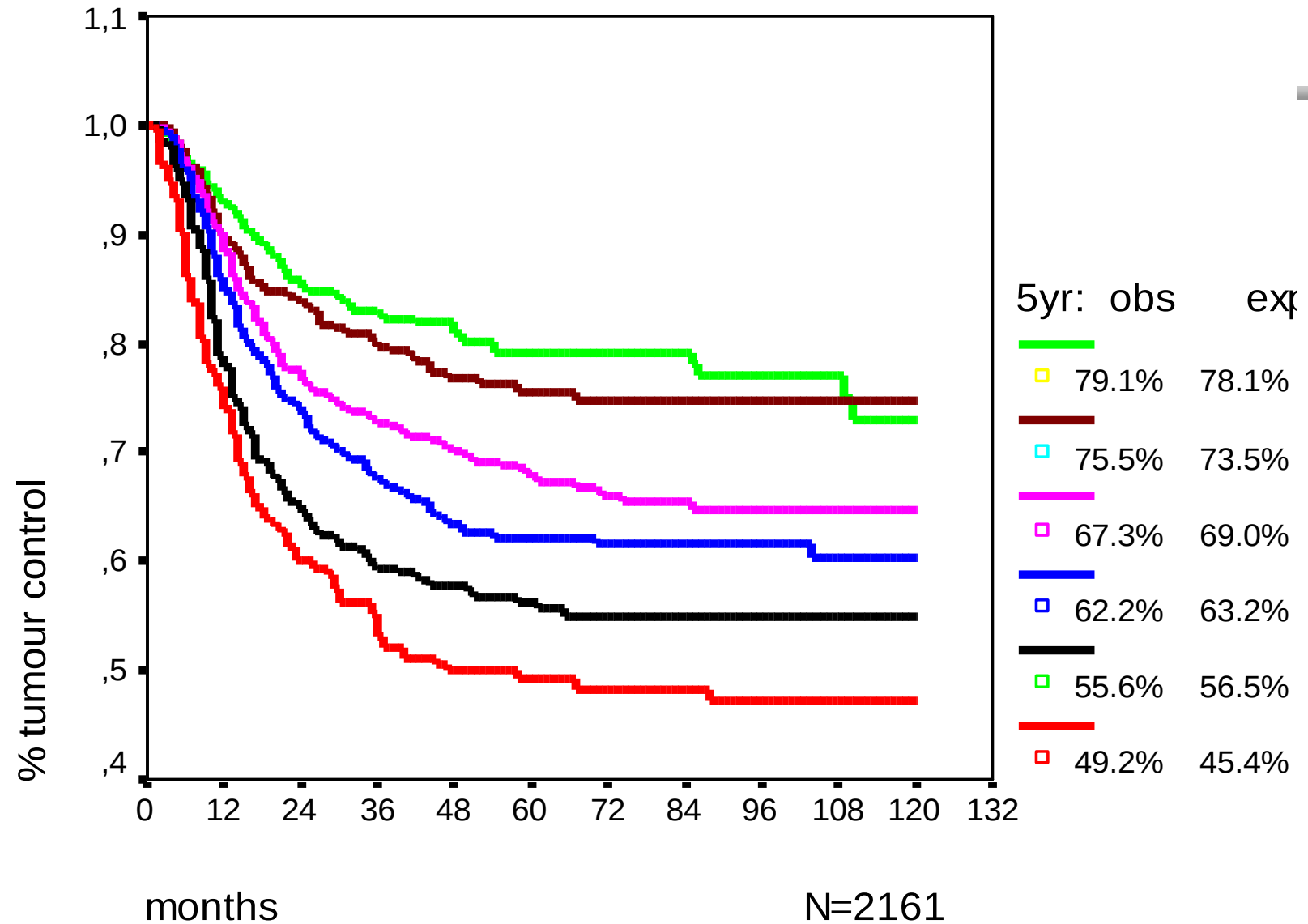
Vorhergesagte 5-Jahres Raten

Prognostic range of the International Index

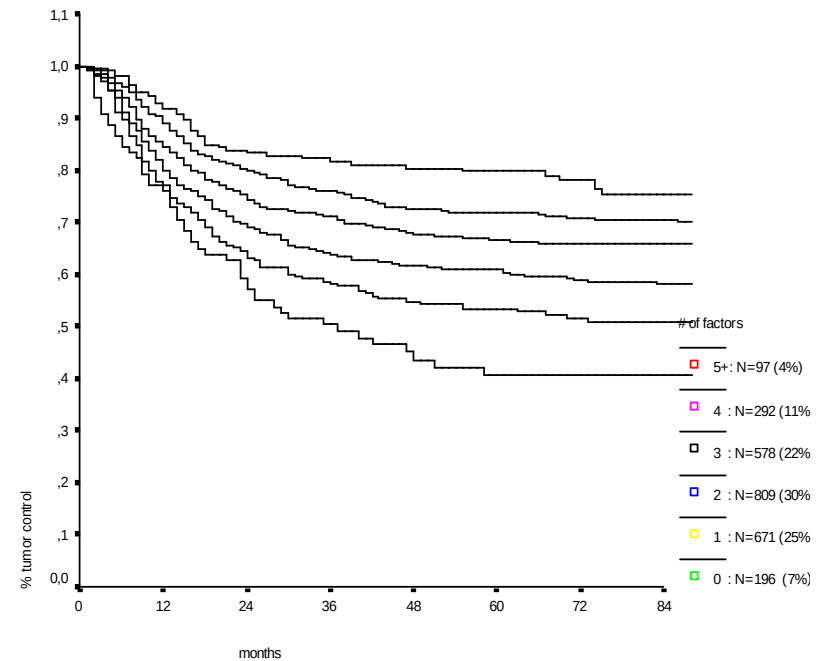
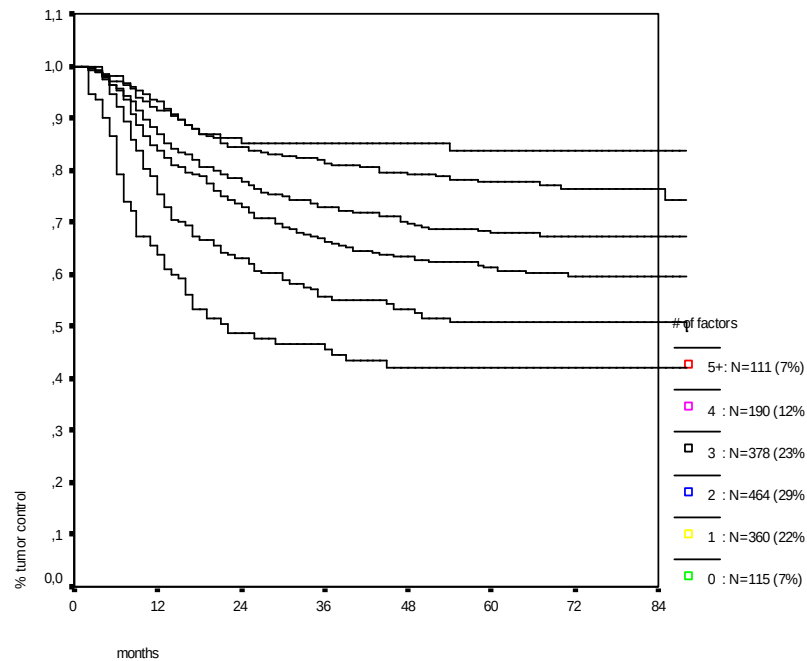


model predicted 5yr tumour control rates: 10% lower .5

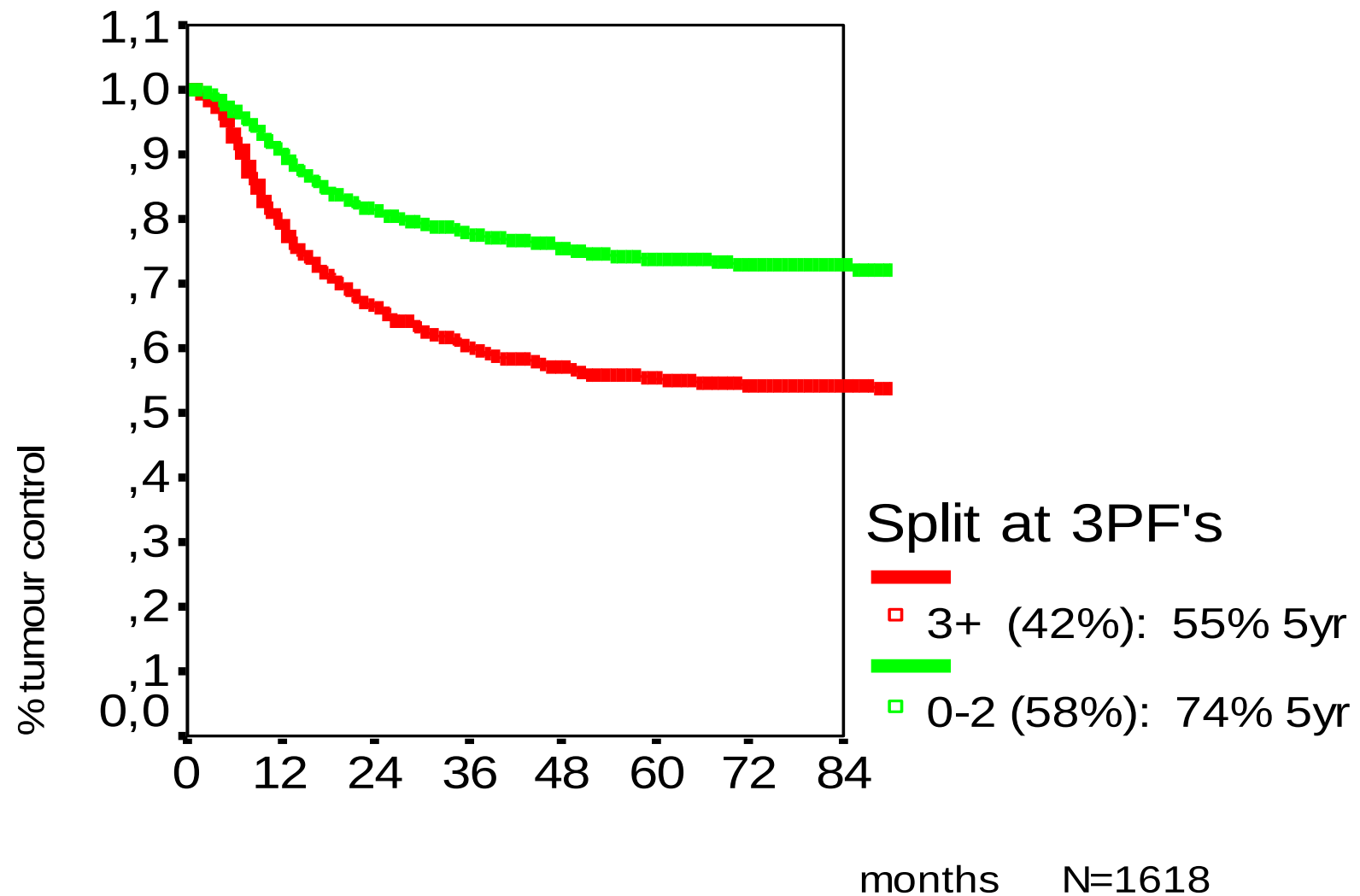
Model fit of the international prognostic index



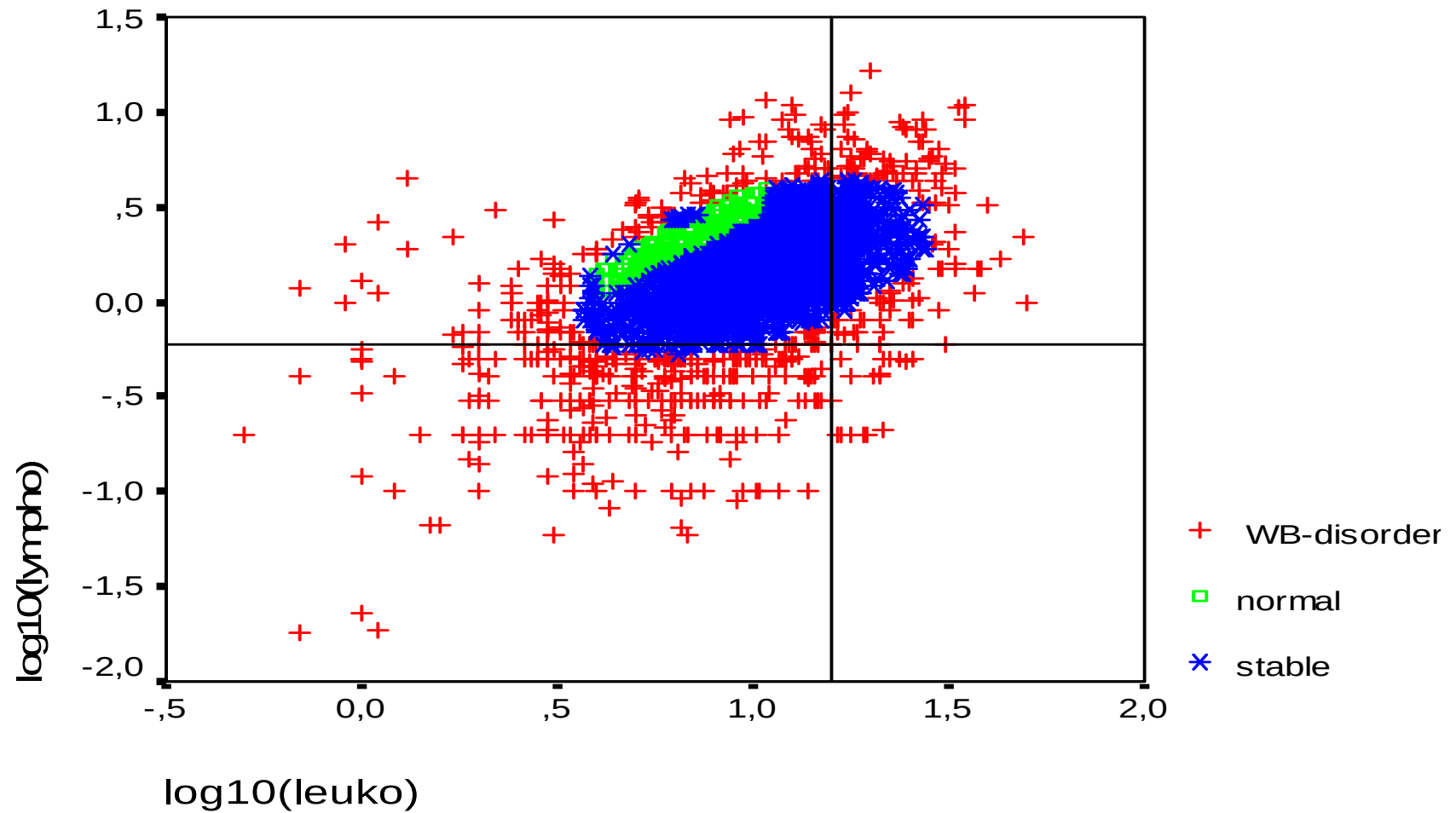
Shrinking in Validierungs-Daten

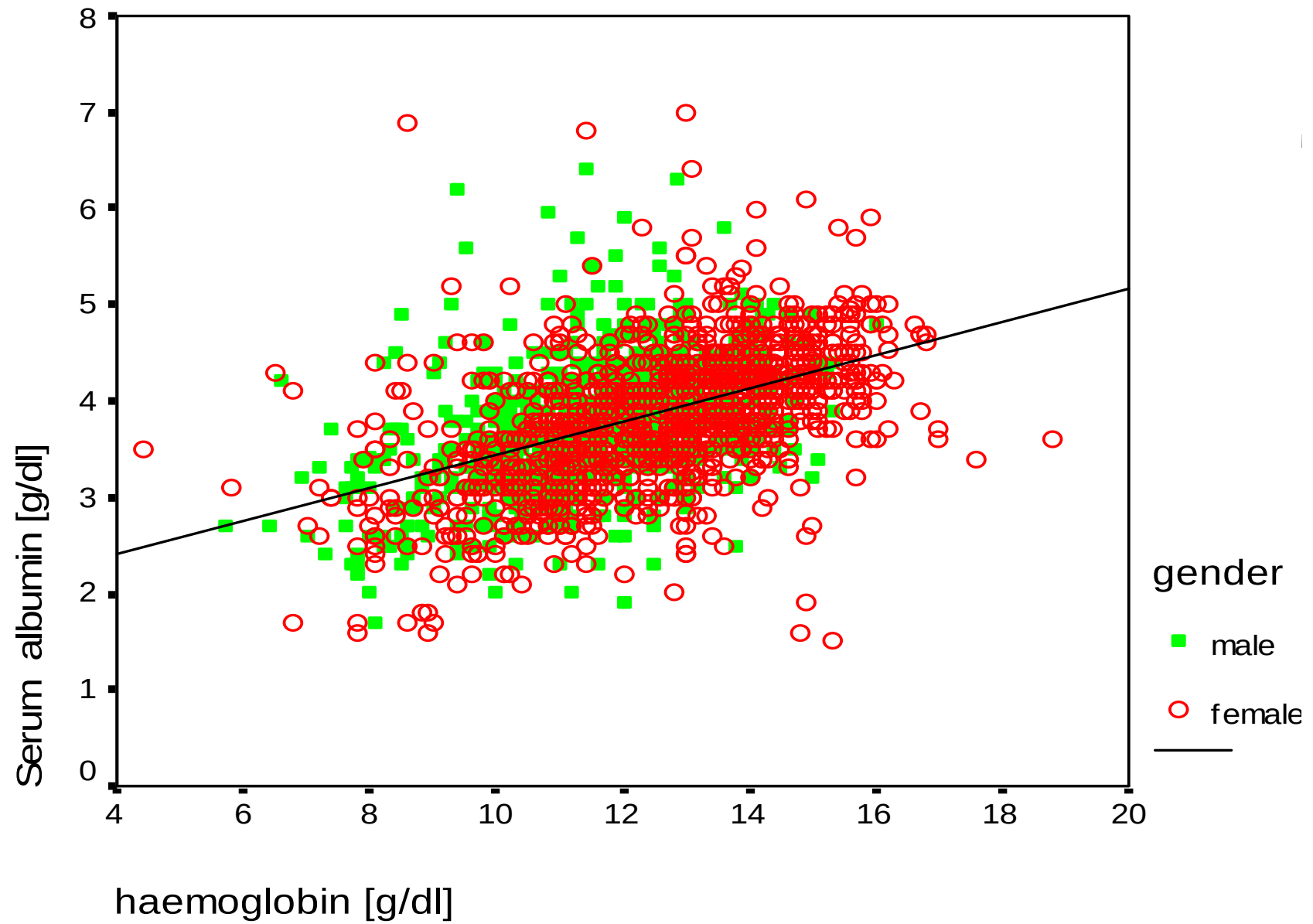


Prognostic Score: 0-2 factors vs 3+ factors



White blood disorder





The international prognostic index applied to overall survival

