

Contents

Preface	
<i>Eric Cator, Geurt Jongbloed, Cor Kraaikamp, Rik Lopuhaä and Jon Wellner</i>	v
Curriculum Vitae of Piet Groeneboom	
	vii
List of publications of Piet Groeneboom	
	viii
List of Contributors	
	xi
A Kiefer–Wolfowitz theorem for convex densities	
<i>Fadoua Balabdaoui and Jon A. Wellner</i>	1
Model selection for Poisson processes	
<i>Lucien Birgé</i>	32
Scale space consistency of piecewise constant least squares estimators – another look at the regressogram	
<i>Leif Boysen, Volkmar Liebscher, Axel Munk and Olaf Wittich</i>	65
Confidence bands for convex median curves using sign-tests	
<i>Lutz Dümbgen</i>	85
Marshall’s lemma for convex density estimation	
<i>Lutz Dümbgen, Kaspar Rufibach and Jon A. Wellner</i>	101
Escape of mass in zero-range processes with random rates	
<i>Pablo A. Ferrari and Valentin V. Sisko</i>	108
On non-asymptotic bounds for estimation in generalized linear models with highly correlated design	
<i>Sara A. van de Geer</i>	121
Better Bell inequalities (passion at a distance)	
<i>Richard D. Gill</i>	135
Asymptotic oracle properties of SCAD-penalized least squares estimators	
<i>Jian Huang and Huiliang Xie</i>	149
Critical scaling of stochastic epidemic models	
<i>Steven P. Lalley</i>	167
Additive isotone regression	
<i>Enno Mammen and Kyusang Yu</i>	179
A note on Talagrand’s convex hull concentration inequality	
<i>David Pollard</i>	196
A growth model in multiple dimensions and the height of a random partial order	
<i>Timo Seppäläinen</i>	204
Empirical processes indexed by estimated functions	
<i>Aad W. van der Vaart and Jon A. Wellner</i>	234