ADAPTIVE DESIGNS

Table of Contents

Foreword	M. ZELEN AND L. J. WEI	i
Preface		iv
Clinical	Trials	
Adaptive designs in clinical trials: some issues wi		
	W.F. Rosenberger	1
Play-the-winner designs, generalized Polya urns, a		
	R.T. SMYTHE AND W.F. ROSENBERGER	13
Response adaptive allocation and selection bias		23
Randomized adaptive designs		36
Biased coin designs: some properties and applicat		48
A modified bandit as an approach to ethical allocat		65
Some designs for multicriteria bandits P.W.		88
Sequential allocation involving several treatments		95
Sequential elimination procedures in trials of three	C.R. PALMER	110
Optimal designs for clinical trials in stages		124
opinion dosigns for difficult trials in sugges		
Dose-Response and Q	uantile Estimation	
Up-and-down designs I: stationary treatment distri	ibutions	
	S.D. DURHAM AND N. FLOURNOY	139
Up-and-down designs II: exact treatment moments		
S.D. Durham, N. Flot	JRNOY AND A.A. MONTAZER-HAGHIGHI	158
An adaptive design for maximization of a continge	nt binary response	
	Z. LI, S.D. DURHAM AND N. FLOURNOY	179
Certain sequential adaptive design problems	Z. Govindarajulu	197
Reliability, Quality Control	and Other Applications	
Adaptive allocation for estimation	C PAGE	213
Exact computational analyses for adaptive designs		223
Adaptive designs for optimal age replacement poli-		238
New procedures of group-testing problem based or		200
Shannon entropy criteria		249
Adaptive Bayesian designs for accelerated life test		263
Adaptation in the design of experiments for linear		276