

	Abstract #300761
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Activity Number: 42 Type: Contributed Date/Time: Sunday, August 5, 2001 : 4:00 PM to 5:50 PM Sponsor: <u>Section on Nonparametric Statistics</u> Abstract - #300761 Title: Stepwise Nonparametric Multiple Comparisons in Randomized Complete Block Designs Author(s): <u>David Groggel</u>*+ and <u>James Bena</u> and <u>John Skillings</u> Affiliation(s): Miami University and NIOSH and Miami University Address: , Oxford, Ohio, 45056, Keywords: <u>Experimentwise Error Rate ; Comparisonwise Power ; All-Subsets</u> Abstract: Many commonly used nonparametric multiple comparison procedures have poor power for pairwise comparisons involving treatments whose effects are near the middle of an increasing ordered set. Pairwise all-subset procedures are compared to procedures using joint ranks and pairwise ranks in a Monte Carlo study. The pairwise all-subset procedures often show higher power while still controlling the experimentwise error rate at the desired level. • The address information is for the authors that have a + after their name. • Authors who are presenting talks have a * after their name. Back to the full JSM 2001 program	
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