

Department of Mathematical Sciences

Colloquium

MEI-LING TING LEE

Ohio State University

*Generalized Rank Tests for Replicated Microarray Data*¹

We discuss methods to extend rank-based tests for analyzing replicated microarray data. Generalized rank tests for

1. two-group comparisons for replicated data,
2. blocked comparisons for two treatments

are considered. Because sample size for microarray studies are small, permutation distributions are used to compute significance.

Friday, April 28, 2006 at 3 pm in Bell Hall 143
The University of Texas at El Paso

Refreshments will be served in front of the colloquium room, 15 minutes before the start of the colloquium.

For further information, please contact Dr. Pavel Šolín, Bell Hall 220. Phone: (915) 747-6770, email: solin@utep.edu.

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