

**Wiener Biometrische Sektion
der Internationalen Biometrischen Gesellschaft
Region Österreich – Schweiz**

<http://www.meduniwien.ac.at/wbs/>

Einladung zum

Biometrischen Kolloquium

am Mittwoch, dem 16.05.07, um 14:00 Uhr

in der Bibliothek (gegenüber Lift, Ebene 3, Raum 88.03.806) der
Besonderen Einrichtung für Medizinische Statistik und Informatik
(MSI) der Medizinischen Universität Wien
Spitalgasse 23, 1090 Wien

Es spricht Herr Dr. Marc Vandemeulebroecke (Novartis) zum
Thema:

A general approach to two-stage tests

Wir ersuchen um zahlreichen Besuch für diesen sehr interessanten
und aktuellen Vortrag.

Werner Brannath
Präsident

Thomas Lang
Sekretär

A general approach to two-stage tests

Marc Vandemeulebroecke

In recent times, flexible designs for clinical trials have attracted great attention from industry, academia and regulatory authorities. One of the core concepts of the corresponding statistical theory is to combine information of two consecutive design stages for one overall decision. I present a work that aimed at enhancing the understanding of this type of adaptive test. A framework for two-stage tests is developed. It generalizes previous approaches, provides a sensible overall p-value notion, and puts on firm ground an essentially known link between two prominent approaches, namely, p-value combinations and conditional error functions. Corresponding software tools are briefly touched upon.