

The analysis of human perception data – Sensometrics



Sensometrics

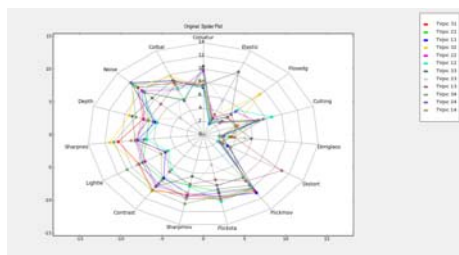
The analysis of human perception data is the area of applying and developing statistics and data analysis on sensory and consumer data where humans are used as measurement instruments. DTU Compute has (co)developed a number of open source software packages for the analysis of human perception data. The stand-alone software tools *PanelCheck* (www.panelcheck.com) (since 2007) and *ConsumerCheck* (To be released Dec. 2013) are presented here.

PanelCheck

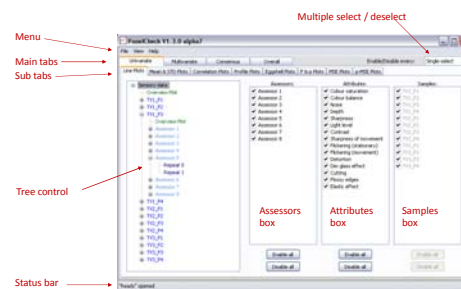
- Checking performance of assessors and panel
- Checking performance of multiple panels in inter-collaborative tests
- Analysis of tested products



Sensory Profile data (QDA): (1 data set)



Easy to use:



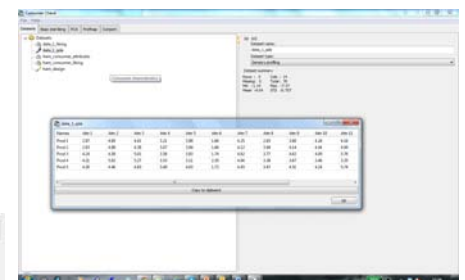
Consumercheck

- Focus on Consumer Preference data
- Conjoint (DoE and (mixed) ANOVA)
 - Focus on background Info
 - - Consumers
 - - Products
 - Preference Mapping

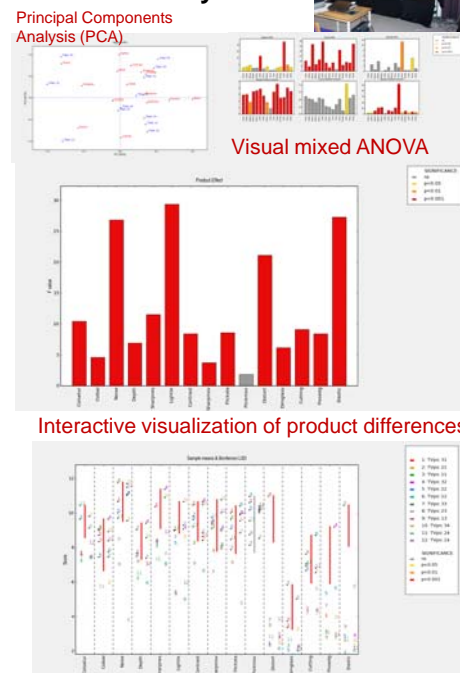


Sensory AND Consumer data: (several data sets)

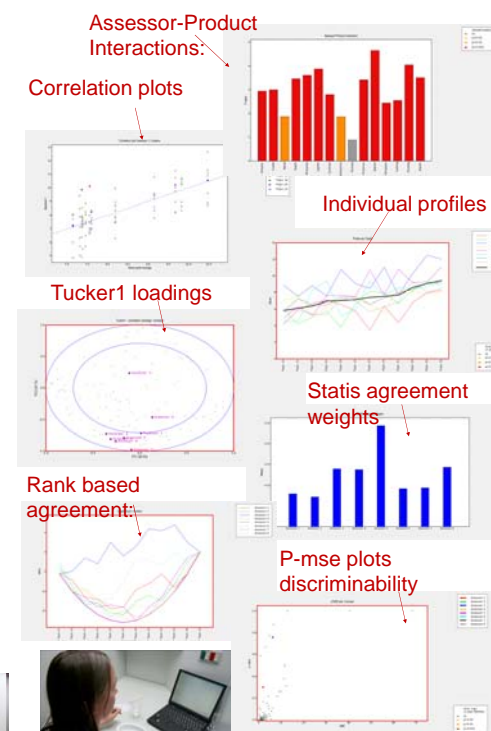
- Sensory information
- Individual consumer liking
- Consumer demographics and background
- Product/situation information



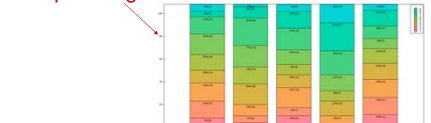
PRODUCT analysis:



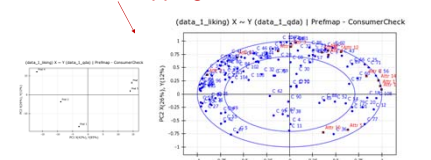
PANEL PERFORMANCE Analysis:



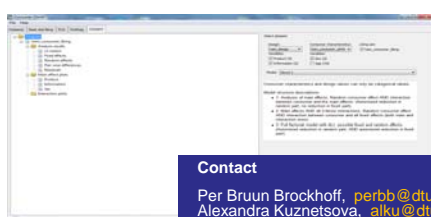
Simple liking stats



Preference Mapping



Automated GUI driven Conjoint analysis (using the ImerTest R-package for automated mixed ANOVA analysis)



Contact

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