

# Collaborative Touch Interaction for Visual Analytics

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# Introduction

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# Collaborative Touch Interaction



# Visual Analytics

- InfoVis: Information Visualisation (InfoVis) deals with abstract information structures, such as hierarchies, networks, or multidimensional spaces
- GeoVis: Geographic Visualisation (GeoVis) is map-based. The data typically has inherent 2d or 3d spatial coordinates, and is generally shown in relation to a map.
- Data Visualisation (DataVis) = InfoVis + GeoVis.
- Visual Analytics = DataVis (frontend) + Analytics (backend) (1)

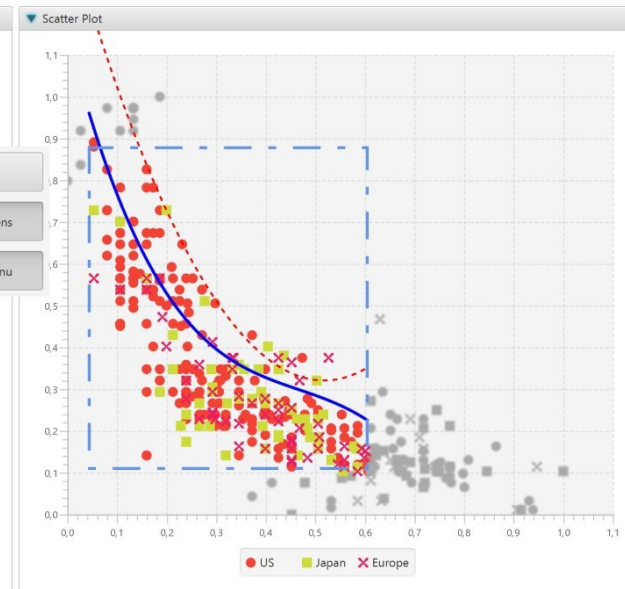
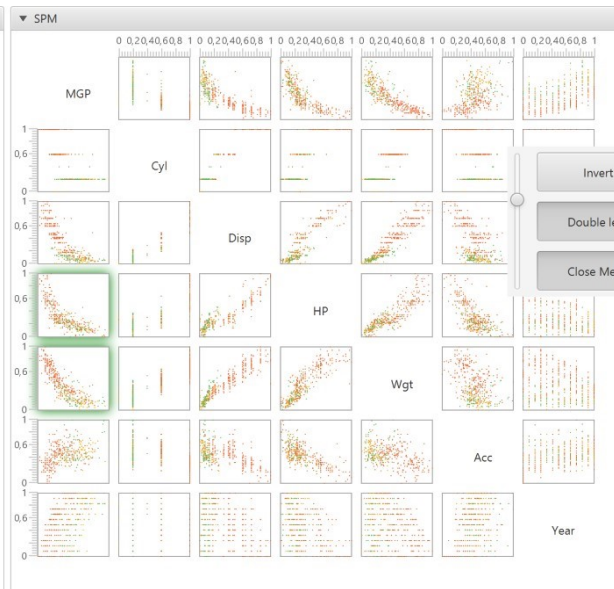
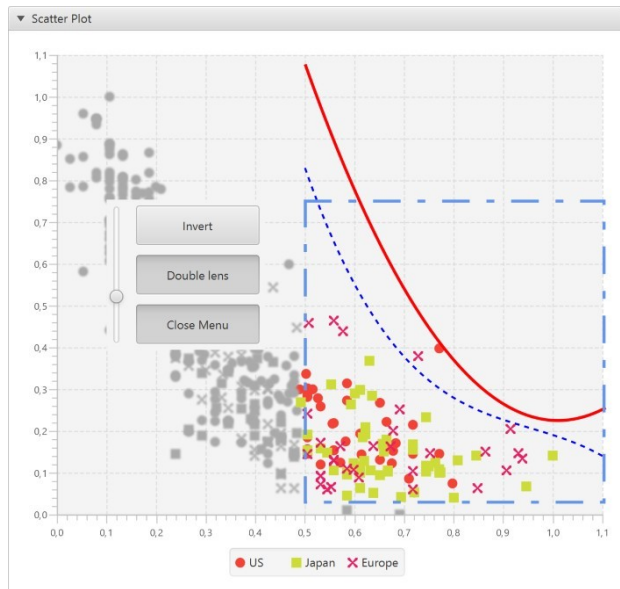
(1) Andrews, K. (2017). Information Visualisation. Retrieved November 11, 2017, from <http://courses.iicm.tugraz.at/ivis/ivis.pdf>

# Application

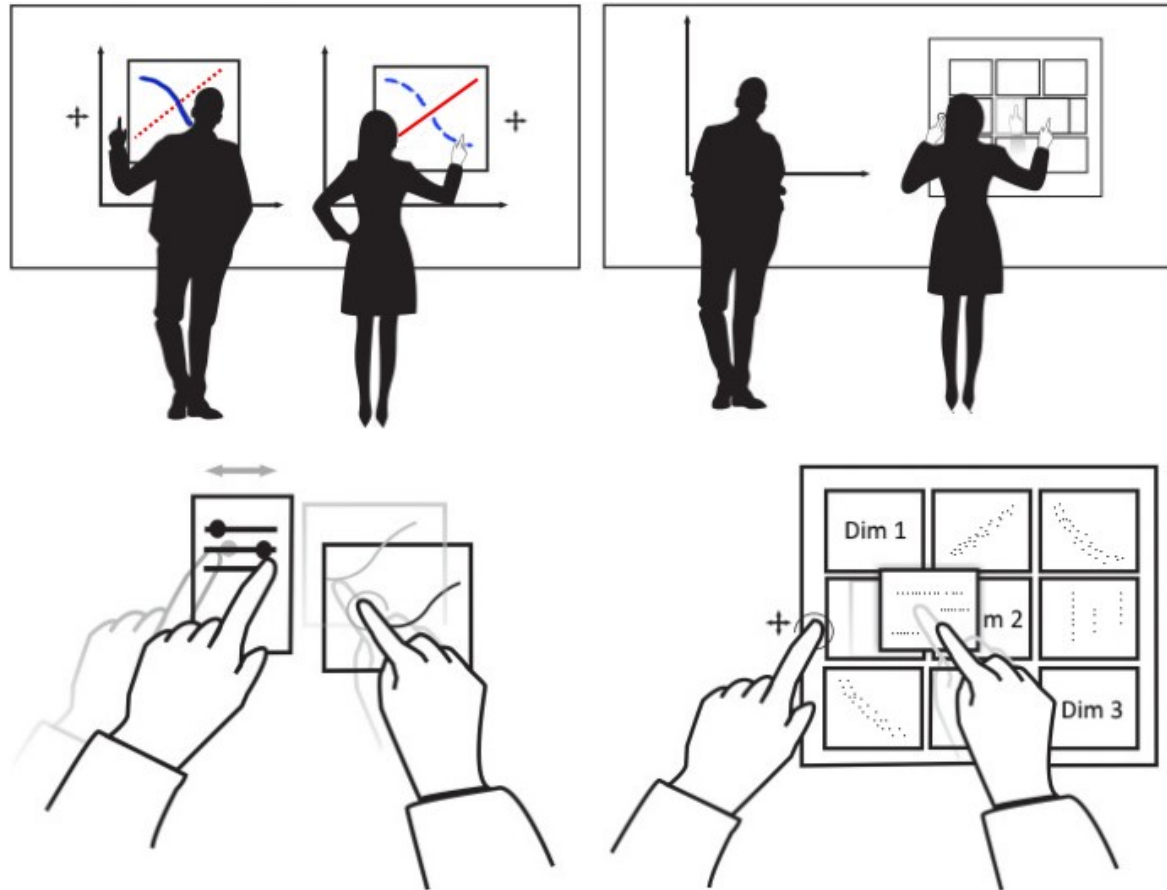
# Design Goals

- How can two people explore a set of scatterplots collaboratively on a large multi-touch display?
- What interaction-techniques should be used?

# Application UI



# Interaction Techniques





Thank you