

Supplementary Material for: Information Retrieval Perspective to Meta-visualization

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Abstract

In the main paper, the scatter plot matrix in Figure 2 is a medium-resolution bitmap to reduce PDF file size. In this file we provide a high-resolution version of Figure 2.

Keywords: Meta-visualization, Neighbor embedding, Nonlinear dimensionality reduction

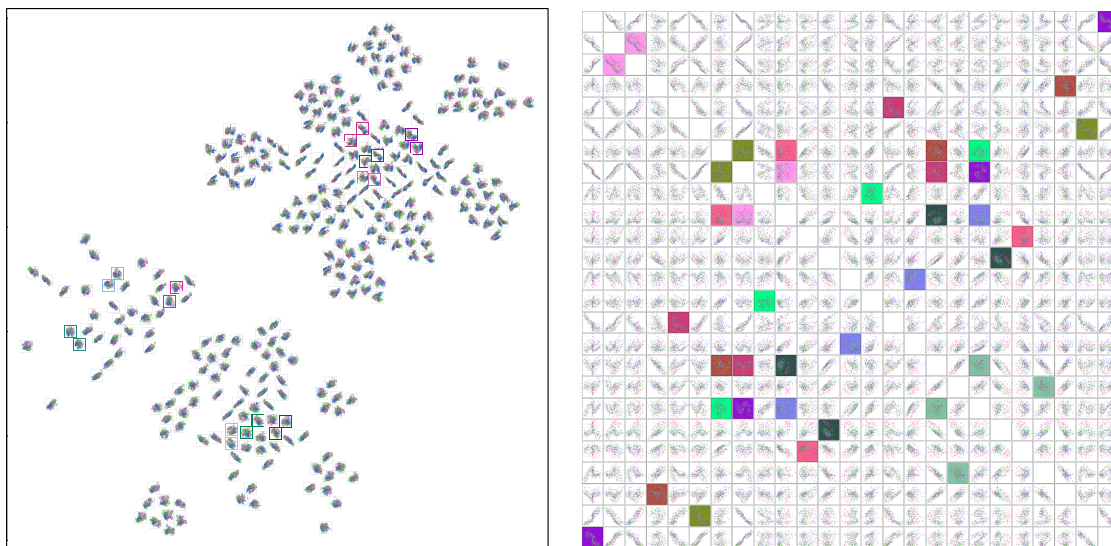


Figure 2: **Left:** Meta-visualization of face pose image data. Each of the 300 mini-plots shows an individual feature pair. 10 plots m have a matching other plot m' where both plots show the exact same information up to rotation. For each of the 10 matches the meta-visualization placed the matching plots (colored mini-plot borders; corresponding colors are matches) close to each other. In each mini-plot, faces are shown as dots colored by person identity. **Right:** The same set of plots as a traditional scatter plot matrix. (Each plot in row i , column j also has a trivial match in the transposed cell, row j , column i .) The nontrivial matching plots are shown with background in the same color; it would be very difficult to notice the non-trivial matches from the scatter plot matrix.