

UpSet: Visualization of Intersecting Sets

Supplementary Material

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Supplementary Figure 2

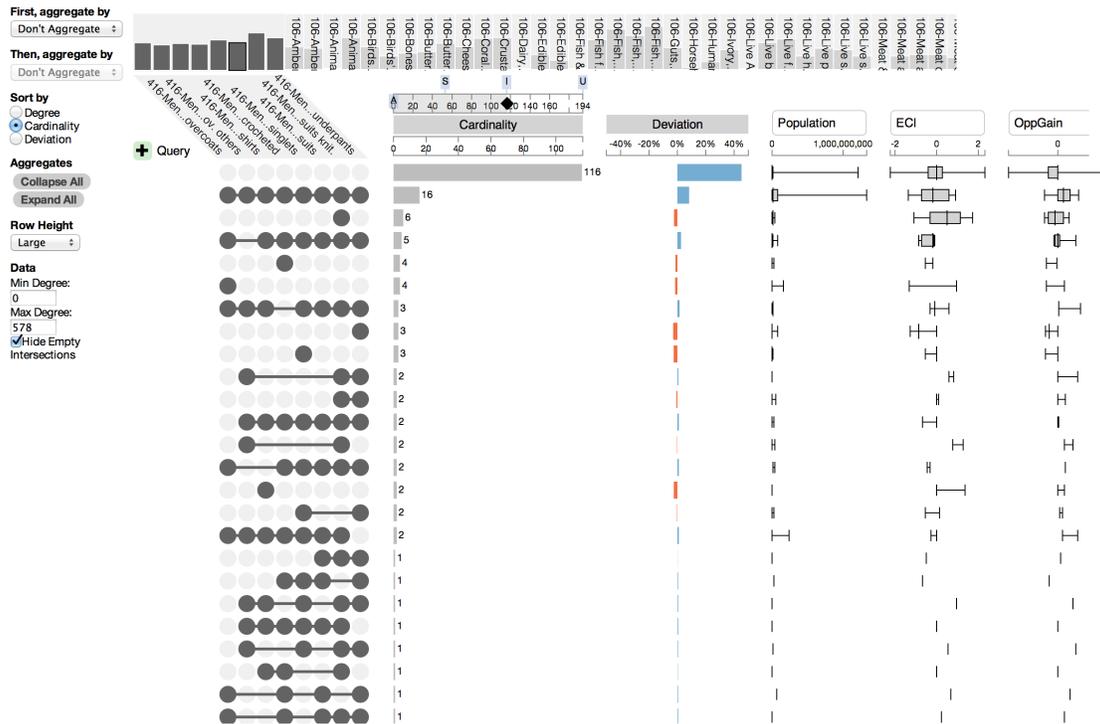


Figure S2: Selection of 8 products, with intersections ordered by cardinality. The largest intersection of products are countries that do not export any of the selected products (first row). The second largest one is countries that are exporting all products together, suggesting that countries that produce a specific type of men's textiles often also produce similar other products.

Supplementary Figure 3

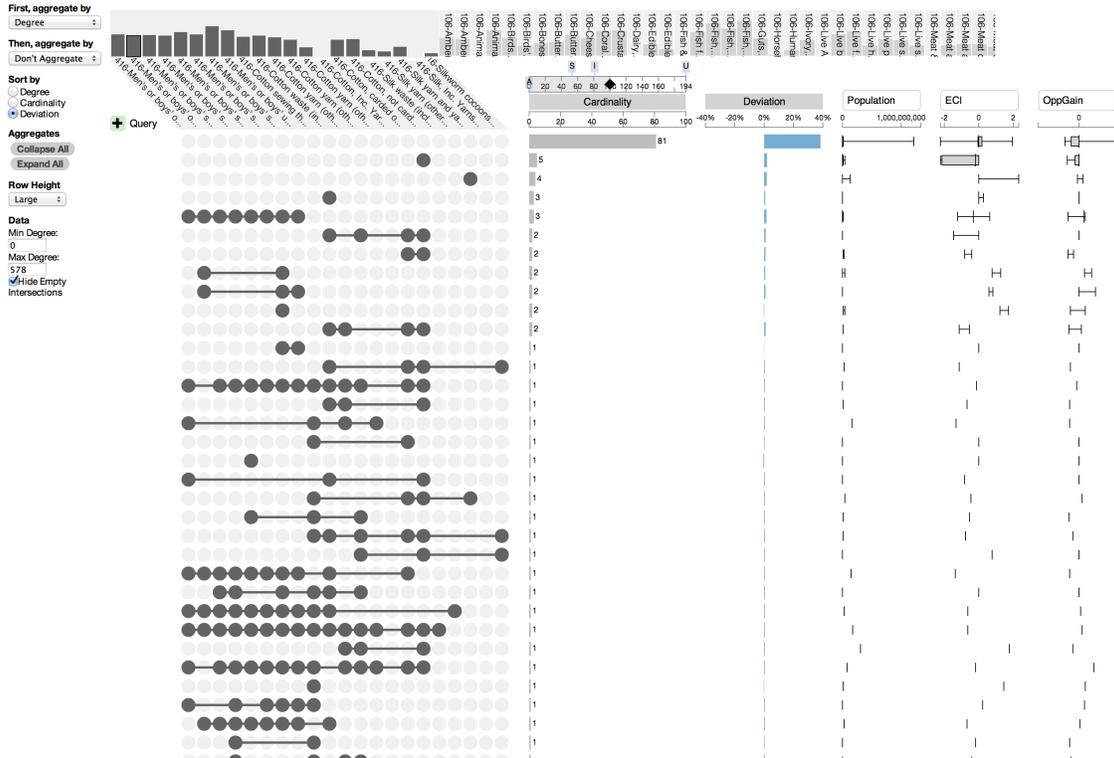


Figure S3: Men's textile products combined with other products related to *Cotton* (8 products) and *Silk* (5 products). The intersections are sorted by cardinality, revealing that there is no overlap between these products, leading to the conclusion that there is no vertical integration between these products, i.e., countries that produce cotton and silk raw materials do not typically manufacture men's textile products.

Supplementary Figure 4

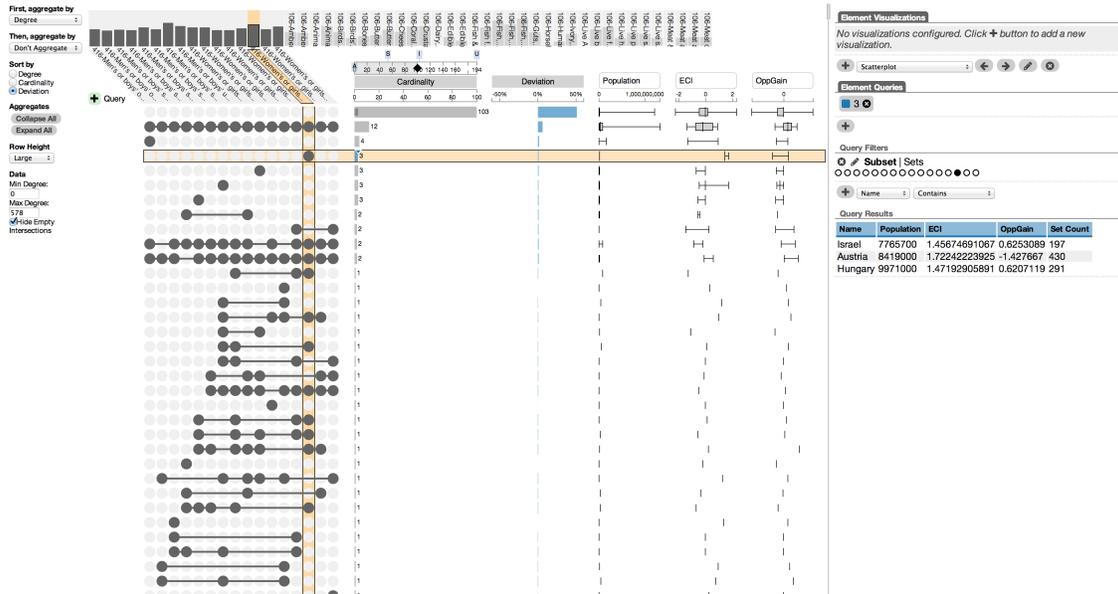


Figure S4: Countries exporting both men’s and women’s textile products. Notice the outlier highlighted in orange. The three countries (Israel, Austria and Hungary) in this intersection produce only a specific type of women’s clothing and have a notably higher Economic Complexity Index (ECI) than other countries that manufacture textile products. This suggests that some products this product category (“women’s or girls’ slips, petticoats, briefs, panties, night-dresses, pajamas, negligees, bathrobes, dressing gowns and similar articles, knitted or crocheted”) require techniques available mainly in developed and diversified countries.

Supplementary Figure 5

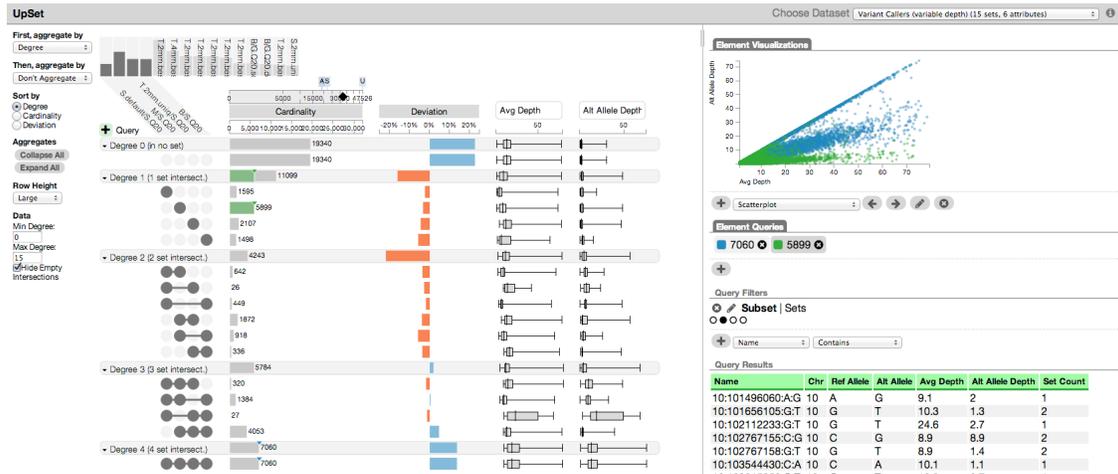


Figure S5: Scatterplot showing the correlation of *Average Depth* and *Alternative Allele Depth* for two queries. The point cloud along the diagonal corresponds to variants that were found in all sequence fragments at the given position and most likely are present in both copies of the genome in the cells of the human individual (homozygous variants). The second major point cloud, between the x axis and the diagonal, corresponds to variants that were found in around half of all sequence fragments at the given position. These most likely are present in one of the two copies of the genome in the cells of the human individual (heterozygous variants). Finally, the last major point cloud (corresponding to the green query), consists of variants found in much fewer than half of all sequence fragments at the given position, which is an indicator that they might not be real. These are the calls made predominantly by the presumably inferior caller M/S.Q20, highlighted in green in the set view.

Supplementary Figure 6

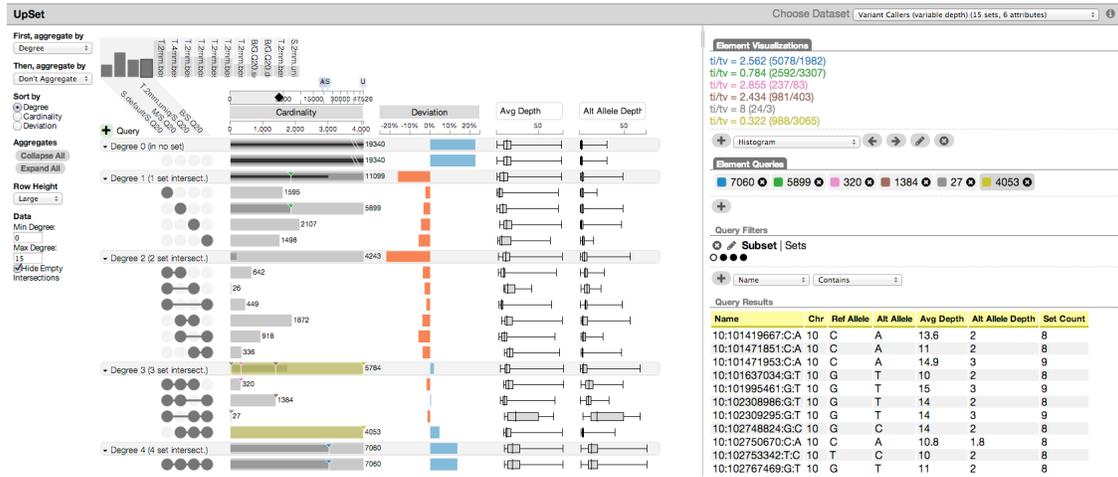


Figure S6: Intersections aggregated by degree and variant frequency plot showing transition/transversion ratios for the previous queries, as well as all 3-set intersections. The large size of the intersection corresponding to the yellow query stands out in the set view.

