**Component** Pattern Specification Match Specification iew Specification Recommendation Result Ouerving Slice and Dice **Process** Top-Down Context Creation Bottom-Up TimeSearcher [8,9] QuerySketch [24] QueryLines [20] SoftSelect [10] Google Correlate [15]

TimeSketch [5]

SketchQuery [3]

Zenvisage [22,23]

Qetch [13]

Zenvisage ++