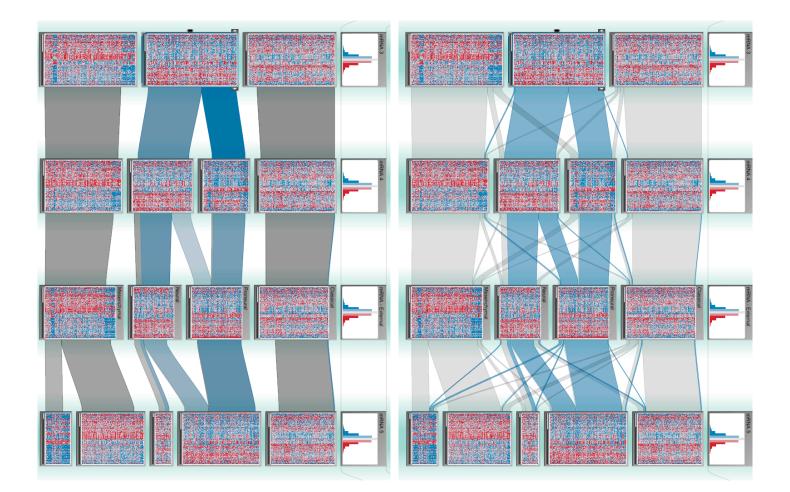


SUBTYPES IN CANCER GENOMICS DATA SETS INTEGRATIVE VISUALIZATION OF TUMOR

sets. Drill-down features enable detailed sets as columns and subtypes as blocks in these allows investigators to explore the relationships of blocks to show subtype relationships across data columns. Ribbons between the columns connect types such as gene expression, DNA methylation, candidate subtypes across multiple genomic data StratomeX, an integrative visualization tool that of the data. To address this, we have developed which is inefficient and limits visual exploration work is done using ad-hoc scripts and static plots, no tools supporting this process, much of this based on the integrated analysis of multiple subtypes is an important area of research that is or copy number data. StratomeX represents data heterogeneous genomics data sets. Since there are Identification and characterization of cancer

insights into the data. explore subtypes in large data sets and StratomeX is developed in close collaboration set dependencies and data-view relations. scenario is complex, we propose a meta parameters in such a multi- data set, multi-view patient survival. As the configuration of viewing on molecular pathways or outcomes such as allow investigators to assess the effect of subtypes subtypes by employing small multiples, which findings from the literature and gained new demonstrate how they efficiently replicated that illustrate how investigators used the tool to with domain experts. We describe case studies visualization and configuration interface for data exploration. StratomeX provides insights into the functional and clinical implications of candidate



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