

Benchmarking Multi-sample Subclonal Reconstruction Tools using TRACERx Data

Introduction



samples compared to all other tools. In terms of memory requirements, PyClone-VI and EMulSI-Phy perform equally well with no significant difference (p-value), both excelling in the clustering step, , while EMulSI-Phy excels significantly (p-value) in the phylogeny step.

JACOB VALENZUELA¹, Helena Winata², Yash Patel³, Paul Boutros^{3,4} 1 BIG Summer Program, Institute for Quantitative and Computational Biosciences, UCLA 2 Graduate Programs in Biosciences, UCLA 3 Department of Human Genetics, David Geffen School of Medicine, UCLA 4 Institute for Urologic Oncology, David Geffen School of Medicine, UCLA

2022

