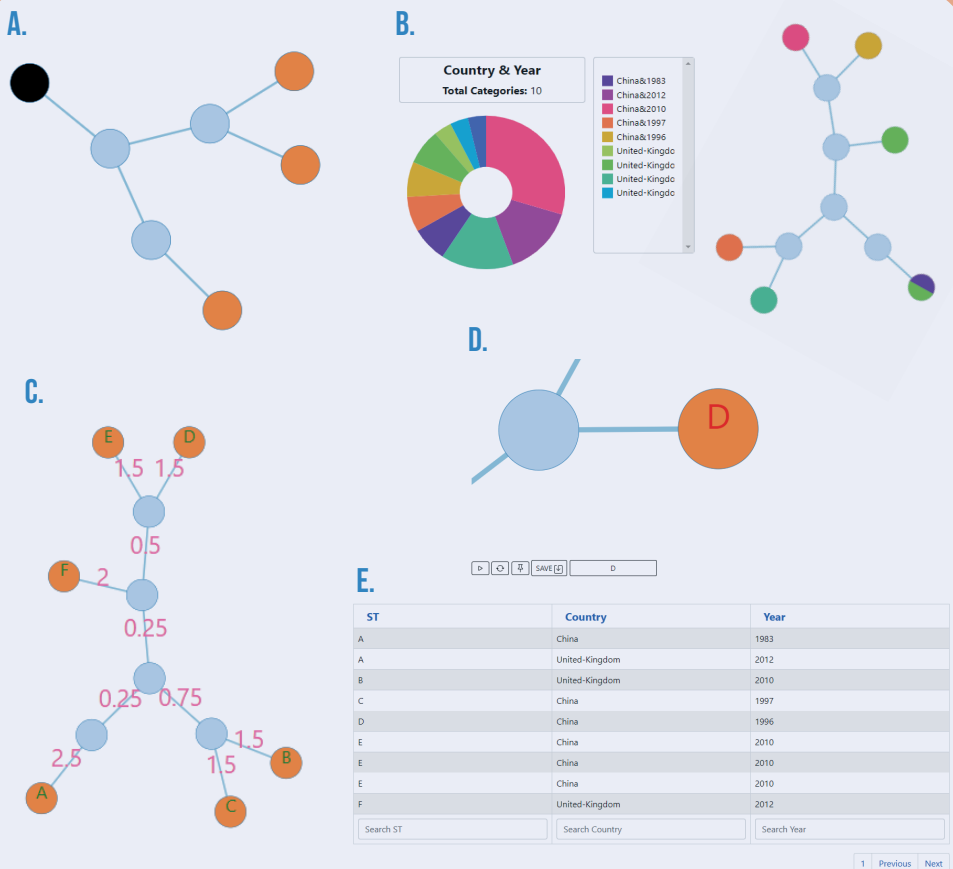
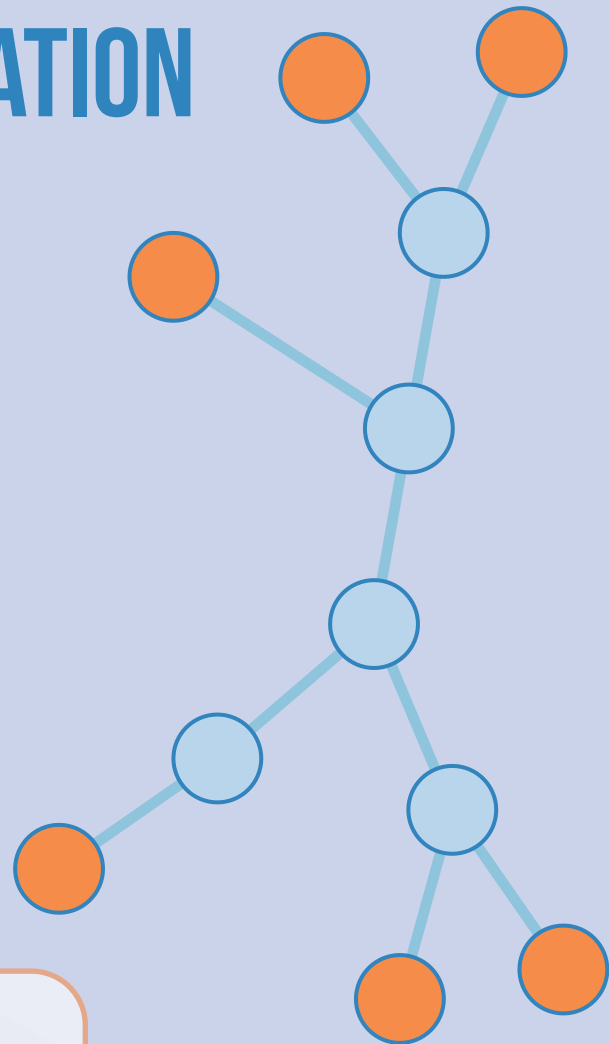


FORCE DIRECT VISUALIZATION FOR PHYLOGENETIC TREES

INTRODUCTION:

Force Direct Visualization for Phylogenetic Trees is a cross-platform desktop app, build on Electron, for phylogenetic tree visualization. Also available to be used in applications such as PHYLOVIZ.

This project focuses on a non static visualization of phylogenetic trees, Force Directed Layout, build using D3.js. The application is a modular solution build using Javascript, Handlebars, HTML and CSS.



FEATURES:

- COLLAPSE & EXPAND (A);
- PIE-CHART GRAPHICS (B);
- NODE AND LINK LABELS (C);
- TREE FILTERS (D);
- STATISTICS;
- SAVE & LOAD STATE;
- COMPLEMENTARY DATA (E);

