

1 Introduction

The EpiC Tool (<http://epic.slis.indiana.edu/>) supports the integration of large numbers of complex datasets at a variety of levels, e.g., population density, patient records, and social behavior, as well as state of the art analysis, modeling, and visualization of non-linear and complex phenomena emerging in large populations.

The EpiC Tool is built on the Cyberinfrastructure Shell (CIShell) ([Cyberinfrastructure for Network Science Center, 2008](#)), an open source software framework for the easy integration and utilization of datasets, algorithms, tools, and computing resources. CIShell is based on the OSGi R4 Specification and Equinox implementation (OSGi-Alliance, 2008).