

MyResearch Toolbox - Available Applications

ArcGIS Pro or ArcGIS Desktop (legacy)

Esri's ArcGIS desktop products are powerful geospatial analytic and map-making applications. Geocode patient data, overlay environmental and demographic data, identify clusters, use spatial regression tools, and much more. For licensing information and requests please visit the geospatial@ucsf website [1].

Atlas.TI 8

ATLAS.ti is a tightly integrated suite of tools that support your analysis of written texts, audio, video, and graphic data.

MatLab

MATLAB is the high-level language and interactive environment used by millions of engineers and scientists worldwide. It lets you explore and visualize ideas and collaborate across disciplines including signal and image processing, communications, control systems, and computational finance.

Notepad++

Notepad++ is a free source code editor and Notepad replacement that supports several languages. Based on the powerful editing component Scintilla [2], Notepad++ is written in C++ and uses pure Win32 API and STL which ensures a higher execution speed and smaller program size. By optimizing as many routines as possible without losing user friendliness, Notepad++ is trying to reduce the world carbon dioxide emissions. When using less CPU power, the PC can throttle down and reduce power consumption, resulting in a greener environment.

MS Office

Access

Microsoft Access is a database management system that combines the relational Microsoft Jet Database Engine with a graphical user interface and software-development tools. Data is stored in a format based on the Access Jet Database Engine. It can also import or link directly to data stored in other applications and databases.

Excel

Microsoft Excel is a spreadsheet application that features calculation, graphing tools,

pivot tables, and a macro programming language called Visual Basic for Applications.

OneNote

Microsoft OneNote (formerly called Microsoft Office OneNote) is a computer program for free-form information gathering and multi-user collaboration. It gathers users' notes (handwritten or typed), drawings, screen clippings and audio commentaries. Notes can be shared with other OneNote users over the Internet or a network. OneNote is available as a part of the Microsoft Office suite.

PowerPoint

PowerPoint is used to create presentations in the form of slide shows that accompany a verbal delivery of the topic. It is widely used in business and classrooms and is an effective tool when used for training purposes.

Project

Microsoft Project is a project management software program, developed and sold by Microsoft, which is designed to assist a project manager in developing a plan, assigning resources to tasks, tracking progress, managing the budget, and analyzing workloads.

Word

Microsoft Word is a full-featured processing program for Windows and Mac from Microsoft. Word contains rudimentary desktop publishing capabilities and is the most widely used word processing program. Word files are commonly used as the format for sending text documents via e-mail because almost every user with a computer can read a Word document by using the Word application.

R

The R application offers advanced statistic analysis capabilities as well as a feature rich programmatic platform to run complex analysis jobs.

R Studio

RStudio is the premier integrated development environment for R. RStudio is a set of integrated tools designed to help you be more productive with R. It includes a console, a syntax-highlighting editor that supports direct code execution, as well as tools for plotting, history, debugging, and workspace management. [Click here to see more RStudio features.](#) [3]

REDCap [4]

REDCap is a secure, web-based application for building and managing online surveys and databases.

Research Data Browser [5]

The Research Data Browser (RDB) is a clinical data access and browsing tool for

researchers. This online tool will allow you to explore APeX Data in a self-service manner. You will be able to search de-identified patient clinical records, view the resulting selection set by a range of parameters, and export the summary or detailed data to Excel or CSV Flat files for patient demographics, encounters, diagnosis, medications, labs, procedures, and more.

SAS 9.4

SAS is a software suite developed by SAS Institute for advanced analytics, business intelligence, data management, and predictive analytics.

SAS EG 6.1/SAS EG 9.3

SAS Enterprise Guide is a powerful application that is a point and click, menu and wizard-driven tool that provides a guided mechanism to exploit the power of SAS. SAS allows you to analyze data and publish dynamic results.

SAS XML Mapper 9.4

SAS XML Mapper is an XML Map support tool for the XML engine. SAS XML Mapper is a Java-based, stand-alone application that eliminates the tedium of creating and modifying an XML Map.

SPSS Statistics

IBM SPSS Statistics is an integrated family of products that addresses the entire analytical process, from planning to data collection to analysis, reporting and deployment.

SPYDER Analytics/Python

A powerful interactive development environment for the Python language with advanced editing, interactive testing, debugging and introspection features.

Stata SE 15 & STATA MP

Stata is a general-purpose statistical software package. Stata's capabilities include data management, statistical analysis, graphics, simulations, and custom programming.

Stat/Transfer

Stat/Transfer makes it easy to move data among the different spreadsheet and statistical programs by providing a fast and reliable way to convert files from one format to another.

TreeAge 2018

TreeAge allows you to build decision trees to analyze a research problem. The analysis tools allow you to calculate the expected value of each strategy and choose the optimal path.

UC ReX Data Explorer

The University of California Research eXchange (UC-ReX) Data Explorer is a secure online system that enables cross-campus queries of clinical aggregate data from 12 million de-identified patient records derived from patient care activities at UC Davis, Irvine, Los Angeles,

San Diego, and San Francisco.

Linked Websites

iRIS

iMedRIS is the online submission system for the Committee on Human Research (CHR), the Clinical Research Centers CRC), and the Gamete, Embryo and Stem Cell Committee (GESCR).

MyResearch Chatter Group

Allows you to keep up with projects, topics and other employees. MyResearch Chatter Group allows you to organize knowledge in a single location.

ORTech

ORTech creates customizable, easily integrated web-based data capture from touch screen entry in the OR to advanced data management tools.

Qualtrics

Qualtrics software enables users to do many kinds of online data collection and analysis including market research, customer satisfaction and loyalty, product and concept testing, employee evaluations and website feedback.

Request a Consultation

Clinical Data Research Consultations is a service that extracts datasets from UCSF Medical Center and San Francisco General Hospital (SFGH) hospital data sources for research purposes. To request a Clinical Data Research Consultation, please complete the ClinicalDataResearchConsultations form.

Salesforce

Salesforce is an enterprise cloud computing company that provides business software on a subscription basis. The company is best known for its on-demand Customer Relationship Management (CRM) solutions.

Contact Us
UCSF Main Site

© 2013 The Regents of the University of California

Source URL: <https://myresearch.ucsf.edu/myresearch-toolbox-available-applications>

Links

- [1] <https://maps.ucsf.edu/research-academics>
- [2] <http://www.scintilla.org/>
- [3] <http://www.rstudio.com/products/rstudio/features/>
- [4] <https://myresearch.ucsf.edu/REDCap>
- [5] <https://myresearch.ucsf.edu/research-data-browser>