**Tools examples**

**> Point-and-click tools**

**Xena browser**

<https://xenabrowser.net/>

Study = GDC TCGA Breast Cancer (BRCA)

Select:

Phenotypic: sample type

Genomic: *BRCA1* Gene Expression

Filter:

B:!=Meta

Create boxplot

Create Kaplan-Meier plot

**MEXPRESS**

<https://mexpress.be/>

Input:

Gene = *GSTP1*

Cancer type = PRAD

Filter:

Expression != null

Sort by: sample type

Show the summarized view

Download:

The figure

The plotted data

**> Programming tools**

**R & RStudio**

Example R script: rScripts/geoExample.R

**Python**

Example Python script: python/download\_xena\_data.py