1. TCGA CPTAC-3
   1. Pancreatic cancer data expression of genes “MAGE type A in normal versus tumor” and “tumor grade & stage”.

**Source data File:** CombinedExpressionNormalvsTumor.csv

CombinedExpressionNormalvsTumor\_NoOutliers.csv

**Example plot:** type1\_ExpressionNormalTumor\_histogram.png

type1\_ExpressionNormalTumorNoOutliers\_histogram.png

* 1. Pancreatic tumor MAGEA3/6 positive versus negative “descriptive graphs: grade, age, gender, stage”

**Source data File:** MAGE\_PosNeg\_Composition.csv, MAGE\_GRADE\_PosNeg\_Composition.csv or transformed\_grade\_percentage.csv

MAGE\_SEX\_PosNeg\_Composition.csv or transformed\_sex\_percentage.csv

MAGE\_AGE\_PosNeg\_Composition.csv or transformed\_age\_percentage.csv

MAGE\_PATHSTAGE\_PosNeg\_Composition.csv or transformed\_pathStage\_percentage.csv

**Example plot:** MAGE\_PosNeg\_Composition.png, MAGE\_GRADE\_PosNeg\_Composition.png

MAGE\_SEX\_PosNeg\_Composition.png

MAGE\_AGE\_PosNeg\_Composition.png

MAGE\_PATHSTAGE\_PosNeg\_Composition.png

* 1. Kaplan/Meier.

**Source data File:** km\_positive/negative/medium\_expression\_{gene}.csv

**Example plot:** Kaplan-Meier.png

* 1. Heatmap. (Select Gene to classify Positive high and medium, here, I am using MAGEA6)

**Figure 1D.** Heatmap of Per-Gene Normalized Expression (Transcripts Per Million / Max Transcripts Per Million) for tumors included in CPTAC-3 project at TCGA.

**Source File:** SortedExpression\_MAGEA6\_Heatmap.csv

SortedExpression\_MAGEA3\_Heatmap.csv

**Example plot:** SortedExpression\_MAGEA6\_Heatmap.png

SortedExpression\_MAGEA3\_Heatmap.png

* 1. **Source File:** boxplot\_data\_pathStage.csv, boxplot\_data\_Age.csv, boxplot\_data\_Sex.csv, boxplot\_data\_Grade.csv

transformed\_pathStage\_percentage.csv, transformed\_age\_percentage.csv, transformed\_sex\_percentage.csv, transformed\_grade\_percentage.csv

**Example plot:** MAGE\_GRADE\_boxplot.png, MAGE\_AGE\_boxplot.png, MAGE\_SEX\_boxplot.png, MAGE\_GRADE\_ boxplot.png

MAGE\_PATHSTAGE\_PosNeg\_Composition.csv, MAGE\_AGE\_PosNeg\_Composition.csv, MAGE\_SEX\_PosNeg\_Composition.csv, MAGE\_GRADE\_PosNeg\_Composition.csv