

# Data Flow Diagram Three: Statistical Analysis of Stream Network and Comparison to Linear Directional Mean of Lineaments (Inference based on Properties)

## Test One: Ordinary Least Squares of Stream Network for Investigating Geometry Dependency

```
In [ ]: arcpy.stats.OrdinaryLeastSquares("streams", "ARCID", r"C:\Users\danie861\Desktop\FinalP
```

## Test Two: General Linear Regression (Continuous) of Stream Network for Investigating Geometry Features and Resilience

```
In [ ]: arcpy.gapro.GeneralizedLinearRegression("streams", "ARCID", "CONTINUOUS", "FROM_NODE;GR
```

## Test Three/Assessment: Assess Bias and Infer from Lineaments based on Stream Tests Produced and Charts (and Literature)

```
In [ ]: #See Final Project Report
```