```
┌──────────┐  ┌──────────┐
│    T3    │  │    T1    │
├──────────┤  ├──────────┤
│          │  │          │
└──────────┘  └──────────┘
```

+Sum   +Startbin
                  +Data
                  +min
                  +max
                  +binRange
                  +EndBin
                  +Range

SoilMath::Stats< T1, T2, T3 >

+ isDiscrete
+ bins
+ Calculated
+ Mean
+ n
+ noBins
+ Std
+ Rows
+ Cols
+ StartAtZero
- n_end

+ begin()
+ end()
+ WelchTest()
+ Stats()
+ operator=()
+ Stats()
+ Stats()
+ Stats()
+ Stats()
+ ~Stats()
+ BasicCalculateFloat()
+ BasicCalculateFloat()
+ BasicCalculate()
+ BasicCalculate()
+ BinCalculations()
- serialize()

< float, double, long double >

SoilMath::Stats< float, double, long double >

+ isDiscrete
+ Data
+ bins
+ Calculated
+ Mean
+ n
+ noBins
+ Range
+ min
+ max
and 8 more...
- n_end

+ begin()
+ end()
+ WelchTest()
+ Stats()
+ Stats()
+ Stats()
+ Stats()
+ Stats()
+ operator=()
+ ~Stats()
+ BasicCalculateFloat()
+ BasicCalculateFloat()
+ BasicCalculate()
+ BasicCalculate()
+ BinCalculations()
- serialize()

+RI_Stat

SoilAnalyzer::AnalysisResults

+ RGB_Stat
+ LAB_Stat

+ AnalysisResults()
+ ~AnalysisResults()
- serialize()

SoilAnalyzer::SampleAnalysis Result

+ SampleAnalysisResult()
+ ~SampleAnalysisResult()
- serialize()