Radioactive Contamination

```
index = {2.5, 2.6, 3.4, 1.3, 1.6, 3.8, 11.6, 6.4, 8.3};
deaths = {147, 130, 130, 114, 138, 162, 208, 178, 210};
list1 = Transpose[{index, deaths}];
table = Sort[list1];
labelled = Prepend[table, {"Index", "Deaths"}];
Grid[labelled, Frame -> All]

lp1 = ListPlot[table, AxesLabel → {"Index", "Deaths"}, ImageSize → Medium,
   PlotStyle → {Red, PointSize[0.015]}, AxesOrigin → {0, 0}, AxesStyle → Arrowheads[0.013],
   PlotLabel → Style["Radioactive Contamination", 20, Blue]]
fitline = Fit[table, {1, x}, x];
lpfit = Plot[fitline, {x, 0, 15}, PlotStyle → Red];
Show[lp1, lpfit]
```

Finding Medians and Lines

Summary Points

Median - Median Line

Method 1

Method 2

Plotting Everything That Just Happened

Residuals