Agent Orange Summary

```
> summary(AO)
     DIOXIN          VETERAN
 Min.   : 0.00   OTHER  : 97
 1st Qu.: 3.00   VIETNAM:646
 Median : 4.00
 Mean   : 4.25
 3rd Qu.: 5.00
 Max.   :45.00
```

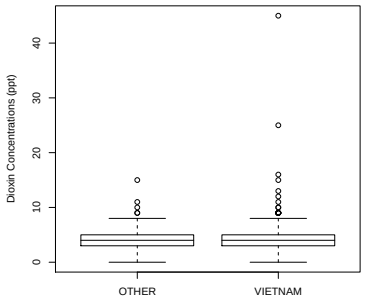

Figure 1: Dioxin Concentrations for Vietnam Veterans and Other Veterans

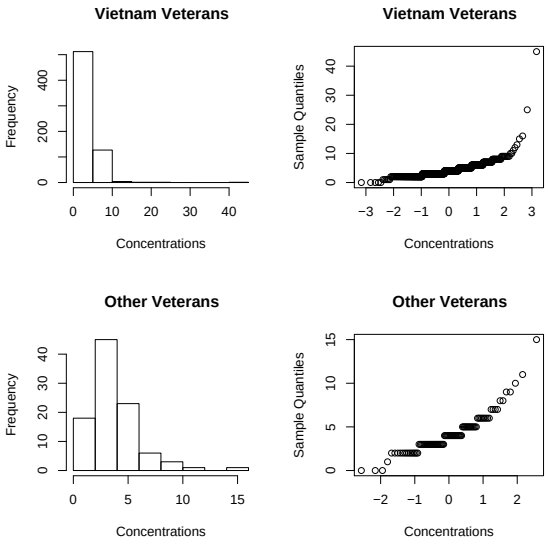

Figure 2: Histograms and Normal Quantile Plots

R Output

```
> t.test(DIOXIN ~ VETERAN, var.equal=T) # use model formula

        Two Sample t-test

data:  DIOXIN by VETERAN
t = -0.263, df = 741, p-value = 0.7926
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -0.6305128  0.4815229
sample estimates:
  mean in group OTHER mean in group VIETNAM
             4.185567              4.260062

> t.test(DIOXIN ~ VETERAN, var.equal=F)

        Welch Two Sample t-test

data:  DIOXIN by VETERAN
t = -0.2912, df = 136.959, p-value = 0.7713
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -0.5803260  0.4313362
sample estimates:
  mean in group OTHER mean in group VIETNAM
             4.185567              4.260062

> wilcox.test(DIOXIN ~ VETERAN)

        Wilcoxon rank sum test with continuity correction

data:  DIOXIN by VETERAN
W = 30758, p-value = 0.7675
alternative hypothesis: true mu is not equal to 0

>
```

Conclusions?