

1. ANOVA using R

a) One-way ANOVA

(1) Basic function

```
avo();summary();
```

```
p.adjust()
```

```
#"holm","hochberg","hommel","bonferroni","BH","BY";
```

(2) Optional

```
shapiro.test(response)
```

```
bartlett.test(response~trt)
```

b) Two-way ANOVA

(1) Basic function

```
avo();summary();
```

(2) Optional

```
#Interaction of two factors
```

```
library(HH)
```

```
interaction2wt()
```