TukeyHSD

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2018/01/30

```
setwd("/Users/masahiromatsui/Dropbox/R/R で学ぶ統計学入門図版作成用（改訂版）/付録/")
d <- read.csv('table6-4.csv')
y <- d$Pig
feed <- factor(d$feed)
summary(aov(y ~ feed))
```

```
##             Df Sum Sq Mean Sq F value   Pr(>F)
## feed         3   4226  1408.8   164.6 1.06e-11 ***
## Residuals   15    128     8.6
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 1 observation deleted due to missingness
```

```
TukeyHSD(aov(y ~ feed))
```

```
##   Tukey multiple comparisons of means
##     95% family-wise confidence level
##
## Fit: aov(formula = y ~ feed)
##
## $feed
##        diff       lwr       upr     p adj
## 2-1    8.68   3.347895 14.012105 0.0014725
## 3-1   39.73  34.074449 45.385551 0.0000000
## 4-1   25.62  20.287895 30.952105 0.0000000
## 3-2   31.05  25.394449 36.705551 0.0000000
## 4-2   16.94  11.607895 22.272105 0.0000009
## 4-3  -14.11 -19.765551 -8.454449 0.0000168
```

【考察】すべての項目間において、有意差が認められた。