Assigning letters of significance

```
means
 A tibble: 4 x 2
 landuse
              m
 <chr> <dbl>
 fo-lower 120.
2 fo-upper 115
3 af-tree 83.7
4 af-crop 40.9
   TukeyHSD(aov(d$co2flux~d$landuse))
 Tukey multiple comparisons of means
   95% family-wise confidence level
Fit: aov(formula = d$co2flux ~ d$landuse)
$`d$landuse`
                             lwr
                  diff
                                       upr
                                               p adj
af-tree-af-crop 42.86 7.775159 77.94484 0.0142843
fo-lower-af-crop 79.44 44.355159 114.52484 0.0000411
fo-upper-af-crop 74.14 39.055159 109.22484 0.0000910
fo-lower-af-tree 36.58 1.495159 71.66484 0.0395097
fo-upper-af-tree 31.28 -3.804841 66.36484 0.0894184
fo-upper-fo-lower -5.30 -40.384841 29.78484 0.9720574
```

```
means
 A tibble: 4 x 2
  landuse
              m
  <chr> <dbl>
                                       Connect all
 fo-lower 120.
                                       means that are
2 fo-upper 115
                                       not significally
3 af-tree 83.7
                                       different
4 af-crop 40.9
   TukeyHSD(aov(d$co2flux~d$landuse))
 Tukey multiple comparisons of means
   95% family-wise confidence level
Fit: aov(formula = d$co2flux ~ d$landuse)
$`d$landuse`
                  diff
                              lwr
                                        upr
                                                p adj
af-tree-af-crop 42.86 7.775159 77.94484 0.0142843
fo-lower-af-crop 79.44 44.355159 114.52484 0.0000411
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fo-lower-af-tree 36.58 1.495159 71.66484 0.0395097
fo-upper-af-tree 31.28 -3.804841 66.36484 0.0894184
fo-upper-fo-lower -5.30 -40.384841 29.78484 0.9720574
```

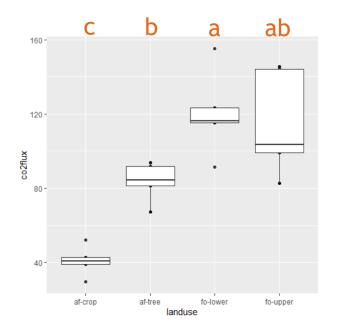
```
means
    means
  A tibble: 4 x 2
  landuse
  <chr> <dbl>
                                        Connect all
 fo-lower 120.
                                        means that are
2 fo-upper 115
                                        not significally
3 af-tree
            83.7
                                        different
4 af-crop
            40.9
    TukeyHSD(aov(d$co2flux~d$landuse))
  Tukey multiple comparisons of means
    95% family-wise confidence level
Fit: aov(formula = d$co2flux ~ d$landuse)
$`d$landuse`
                   diff
                               lwr
                                        upr
                                                p adj
af-tree-af-crop 42.86 7.775159 77.94484 0.0142843
fo-lower-af-crop 79.44 44.355159 114.52484 0.0000411
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fo-lower-af-tree 36.58 1.495159 71.66484 0.0395097
fo-upper-af-tree 31.28 -3.804841 66.36484 0.0894184
fo-upper-fo-lower -5.30 -40.384841 29.78484 0.9720574
```

```
means
 A tibble: 4 x 2
  landuse
              m
  <chr> <dbl>
                                       Connect all
 fo-lower 120.
                                       means that are
2 fo-upper 115
                                       not significally
           83.7
3 af-tree
                                       different
4 af-crop
           40.9
   TukeyHSD(aov(d$co2flux~d$landuse))
 Tukey multiple comparisons of means
    95% family-wise confidence level
Fit: aov(formula = d$co2flux ~ d$landuse)
$`d$landuse`
                  diff
                              lwr
                                        upr
                                                p adj
af-tree-af-crop 42.86 7.775159 77.94484 0.0142843
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fo-upper-af-crop 74.14 39.055159 109.22484 0.0000910
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fo-upper-af-tree 31.28 -3.804841 66.36484 0.0894184
fo-upper-fo-lower -5.30 -40.384841 29.78484 0.9720574
```

```
means
 A tibble: 4 x 2
  landuse
              m
  <chr> <dbl>
                                       Assign letters,
 fo-lower 120.
                                       largest group
2 fo-upper 115
                                       gets a, then b...
3 af-tree
           83.7
4 af-crop
           40.9C
   TukeyHSD(aov(d$co2flux~d$landuse))
 Tukey multiple comparisons of means
   95% family-wise confidence level
Fit: aov(formula = d$co2flux ~ d$landuse)
$`d$landuse`
                  diff
                              lwr
                                        upr
                                                p adj
af-tree-af-crop 42.86 7.775159 77.94484 0.0142843
fo-lower-af-crop 79.44 44.355159 114.52484 0.0000411
fo-upper-af-crop 74.14 39.055159 109.22484 0.0000910
fo-lower-af-tree 36.58 1.495159 71.66484 0.0395097
fo-upper-af-tree 31.28 -3.804841 66.36484 0.0894184
fo-upper-fo-lower -5.30 -40.384841 29.78484 0.9720574
```

means

qplot(landuse, co2flux, data = d) + geom_boxplot()



Add letters to plot