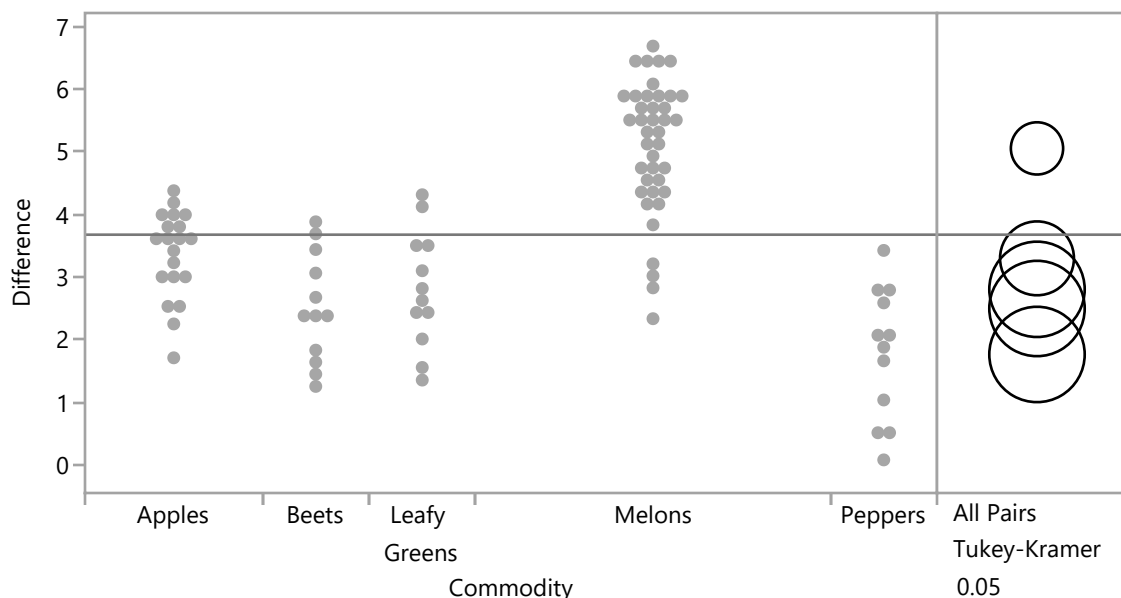


# Oneway Analysis of Difference By Commodity

Swab Type=Bootie



## Means Comparisons

### Comparisons for all pairs using Tukey-Kramer HSD

#### Confidence Quantile

| q*      | Alpha |
|---------|-------|
| 2.78322 | 0.05  |

#### HSD Threshold Matrix

Abs(Dif)-HSD

|              | Melons  | Apples  | Leafy Greens | Beets   | Peppers |
|--------------|---------|---------|--------------|---------|---------|
| Melons       | -0.5907 | 1.0340  | 1.3834       | 1.6896  | 2.4243  |
| Apples       | 1.0340  | -0.8353 | -0.4691      | -0.1629 | 0.5719  |
| Leafy Greens | 1.3834  | -0.4691 | -1.0784      | -0.7722 | -0.0375 |
| Beets        | 1.6896  | -0.1629 | -0.7722      | -1.0784 | -0.3436 |
| Peppers      | 2.4243  | 0.5719  | -0.0375      | -0.3436 | -1.0784 |

Positive values show pairs of means that are significantly different.

#### Connecting Letters Report

| Level        |     | Mean   | Std Error |
|--------------|-----|--------|-----------|
| Melons       | A   | 5.0575 | 0.15006   |
| Apples       | B   | 3.3001 | 0.21222   |
| Leafy Greens | B C | 2.8046 | 0.27397   |
| Beets        | B C | 2.4985 | 0.27397   |
| Peppers      | C   | 1.7637 | 0.27397   |

Levels not connected by same letter are significantly different.

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# Oneway Analysis of Difference By Commodity

Swab Type=Bootie

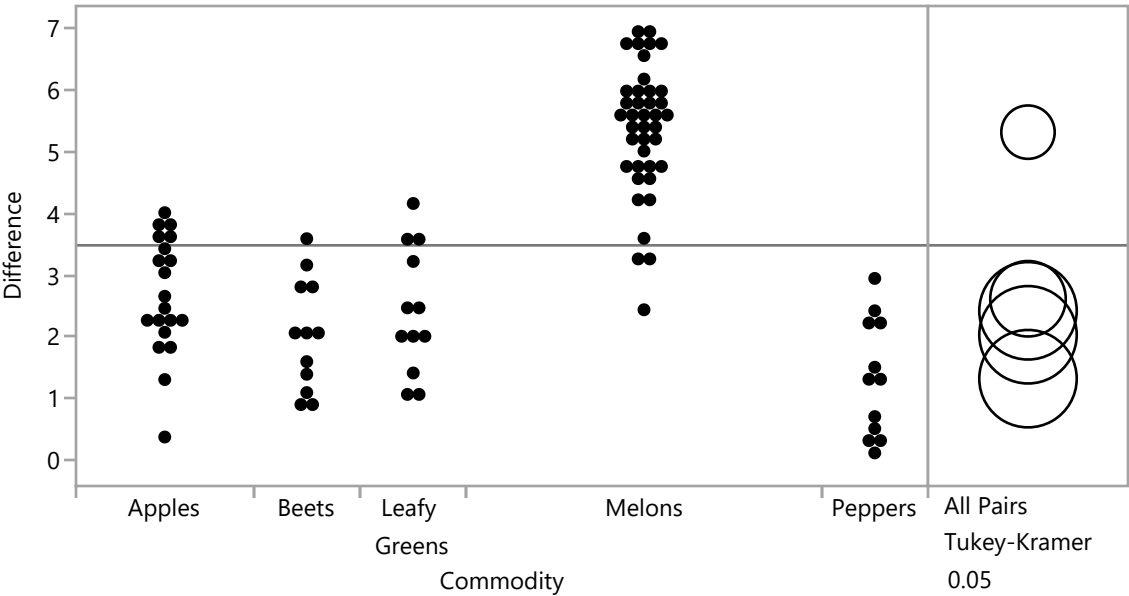
## Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

### Ordered Differences Report

| Level        | - Level      | Difference | Std Err Dif | Lower CL | Upper CL | p-Value |  |
|--------------|--------------|------------|-------------|----------|----------|---------|--|
| Melons       | Peppers      | 3.293764   | 0.3123794   | 2.42434  | 4.163184 | <.0001* |  |
| Melons       | Beets        | 2.558996   | 0.3123794   | 1.68958  | 3.428416 | <.0001* |  |
| Melons       | Leafy Greens | 2.252833   | 0.3123794   | 1.38341  | 3.122253 | <.0001* |  |
| Melons       | Apples       | 1.757355   | 0.2599154   | 1.03395  | 2.480757 | <.0001* |  |
| Apples       | Peppers      | 1.536408   | 0.3465539   | 0.57187  | 2.500944 | 0.0002* |  |
| Leafy Greens | Peppers      | 1.040931   | 0.3874590   | -0.03745 | 2.119314 | 0.0638  |  |
| Apples       | Beets        | 0.801641   | 0.3465539   | -0.16289 | 1.766176 | 0.1501  |  |
| Beets        | Peppers      | 0.734768   | 0.3874590   | -0.34362 | 1.813151 | 0.3267  |  |
| Apples       | Leafy Greens | 0.495478   | 0.3465539   | -0.46906 | 1.460013 | 0.6103  |  |
| Leafy Greens | Beets        | 0.306163   | 0.3874590   | -0.77222 | 1.384546 | 0.9329  |  |

Swab Type=Drag

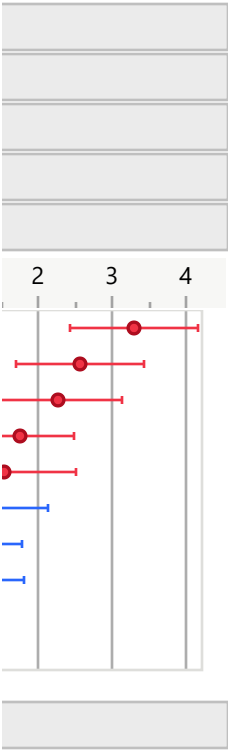


## Means Comparisons

Comparisons for all pairs using Tukey-Kramer HSD

### Confidence Quantile

| q*      | Alpha |
|---------|-------|
| 2.78322 | 0.05  |



**Oneway Analysis of Difference By Commodity****Swab Type=Drag****Means Comparisons****Comparisons for all pairs using Tukey-Kramer HSD****HSD Threshold Matrix**

Abs(Dif)-HSD

|              | Melons  | Apples  | Leafy Greens | Beets   | Peppers |
|--------------|---------|---------|--------------|---------|---------|
| Melons       | -0.6124 | 1.9530  | 1.9973       | 2.3858  | 3.0980  |
| Apples       | 1.9530  | -0.8660 | -0.8043      | -0.4157 | 0.2964  |
| Leafy Greens | 1.9973  | -0.8043 | -1.1180      | -0.7295 | -0.0173 |
| Beets        | 2.3858  | -0.4157 | -0.7295      | -1.1180 | -0.4059 |
| Peppers      | 3.0980  | 0.2964  | -0.0173      | -0.4059 | -1.1180 |

Positive values show pairs of means that are significantly different.

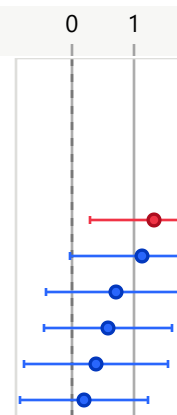
**Connecting Letters Report**

| Level        |     | Mean   | Std Error |
|--------------|-----|--------|-----------|
| Melons       | A   | 5.3212 | 0.15558   |
| Apples       | B   | 2.6183 | 0.22002   |
| Leafy Greens | B C | 2.4226 | 0.28405   |
| Beets        | B C | 2.0340 | 0.28405   |
| Peppers      | C   | 1.3218 | 0.28405   |

Levels not connected by same letter are significantly different.

**Ordered Differences Report**

| Level        | - Level      | Difference | Std Err Dif | Lower CL | Upper CL | p-Value |  |
|--------------|--------------|------------|-------------|----------|----------|---------|--|
| Melons       | Peppers      | 3.999407   | 0.3238669   | 3.09801  | 4.900800 | <.0001* |  |
| Melons       | Beets        | 3.287230   | 0.3238669   | 2.38584  | 4.188623 | <.0001* |  |
| Melons       | Leafy Greens | 2.898668   | 0.3238669   | 1.99727  | 3.800060 | <.0001* |  |
| Melons       | Apples       | 2.702958   | 0.2694736   | 1.95295  | 3.452962 | <.0001* |  |
| Apples       | Peppers      | 1.296450   | 0.3592981   | 0.29644  | 2.296455 | 0.0045* |  |
| Leafy Greens | Peppers      | 1.100740   | 0.4017075   | -0.01730 | 2.218780 | 0.0558  |  |
| Beets        | Peppers      | 0.712177   | 0.4017075   | -0.40586 | 1.830217 | 0.3956  |  |
| Apples       | Beets        | 0.584273   | 0.3592981   | -0.41573 | 1.584278 | 0.4848  |  |
| Leafy Greens | Beets        | 0.388563   | 0.4017075   | -0.72948 | 1.506603 | 0.8691  |  |
| Apples       | Leafy Greens | 0.195710   | 0.3592981   | -0.80430 | 1.195716 | 0.9823  |  |



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