Variety Trial Report

2018 Winter Squash Trial

Crop: Winter Squash

Location: NY

Trial description: count and weights given for two dates to log storage survival, Brix indicates sugar levels, Dry Weight indicates storage quality

Table 1. Table of Means and Groups. Note: Letters indicate entries which are not statistically different for that trait. For example, all entries with an 'a' are not statisically different for that trait

EntryName	Count.11.5.18		weight..kg..11.5.18		Count.12.7.2018		Weight..kg..12.7.2018	
Carnival	9.3	a	8.1	a	8.7	a	7.6	
Celebration	10	a	8.6	a	0.8	bc	0.5	
Confetti	0.7	c	0.4	c	6	abc	5.1	
CU 1	4.1	abc	3.9	abc	8.7	a	7.6	
CU 2	8.1	abc	6.3	abc	0.8	bc	0.4	
CU 3	7.1	abc	6.5	abc	3.8	abc	1.4	
Festival	9.7	a	8.5	a	3	bc	2.4	
Gill's Golden Pippin	5	abc	2.6	bc	9.7	a	8.4	
Jester	9.7	a	7.6	ab	2.7	bc	1.3	
JWS 14	7.7	ab	7.5	ab	7.3	ab	5.6	
Mardi Gras	2.7	bc	1	c	3	bc	2.9	
Thelma Sanders	5	abc	5.1	abc	1.6	c	1.7	

Table 1 (cont).

EntryName	Dry.Weight.g.		Average.Fruit.Weight..kg.		Average.Fruit.Length..cm.		Average.
Carnival	3.7	bcd	0.9	ab	11	b	13.1
Celebration	5.3	abc	0.5	b	10.6	b	10.8
Confetti	3.2	cd	0.9	ab	11.6	b	13.9
CU 1	4.3	abcd	0.5	ab	11.2	ab	11
CU 2	2.9	bcd	0.5	ab	10.7	ab	11
CU 3	7.2	a	0.5	ab	11	ab	10.8
Festival	5.2	abc	1	a	14.2	ab	12.5
Gill's Golden Pippin	3.6	bcd	0.8	ab	10.8	b	13.1
Jester	4.4	abc	0.5	b	11.5	b	10.2
JWS 14	5.7	ab	0.8	ab	13.9	ab	11.6
Mardi Gras	3.7	bcd	0.9	ab	14.1	ab	11.7
Thelma Sanders	2	d	1	a	15.8	a	13.1

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CU 3	7.1	abc	6.5	abc	3.8	abc	1.4	
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Gill's Golden Pippin	5	abc	2.6	bc	9.7	a	8.4	
Jester	9.7	a	7.6	ab	2.7	bc	1.3	
JWS 14	7.7	ab	7.5	ab	7.3	ab	5.6	
Mardi Gras	2.7	bc	1	c	3	bc	2.9	
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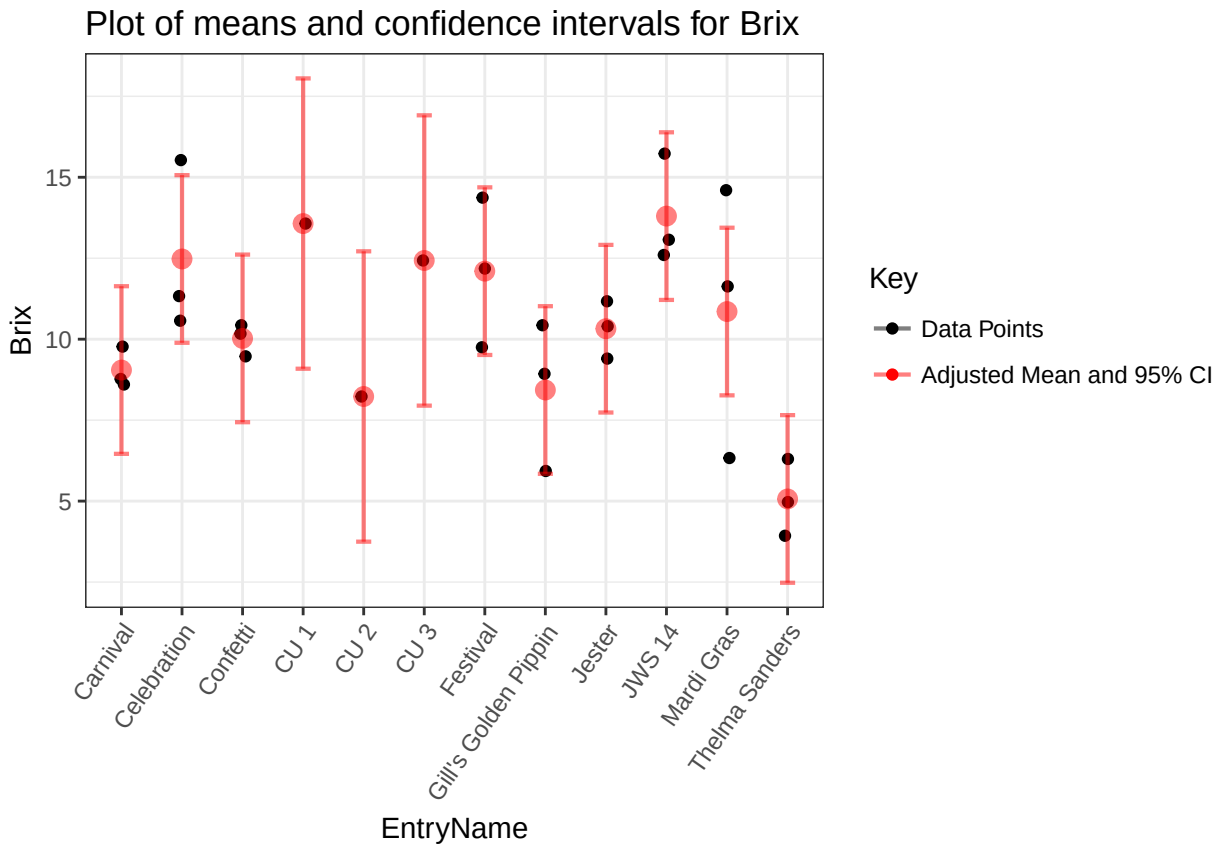
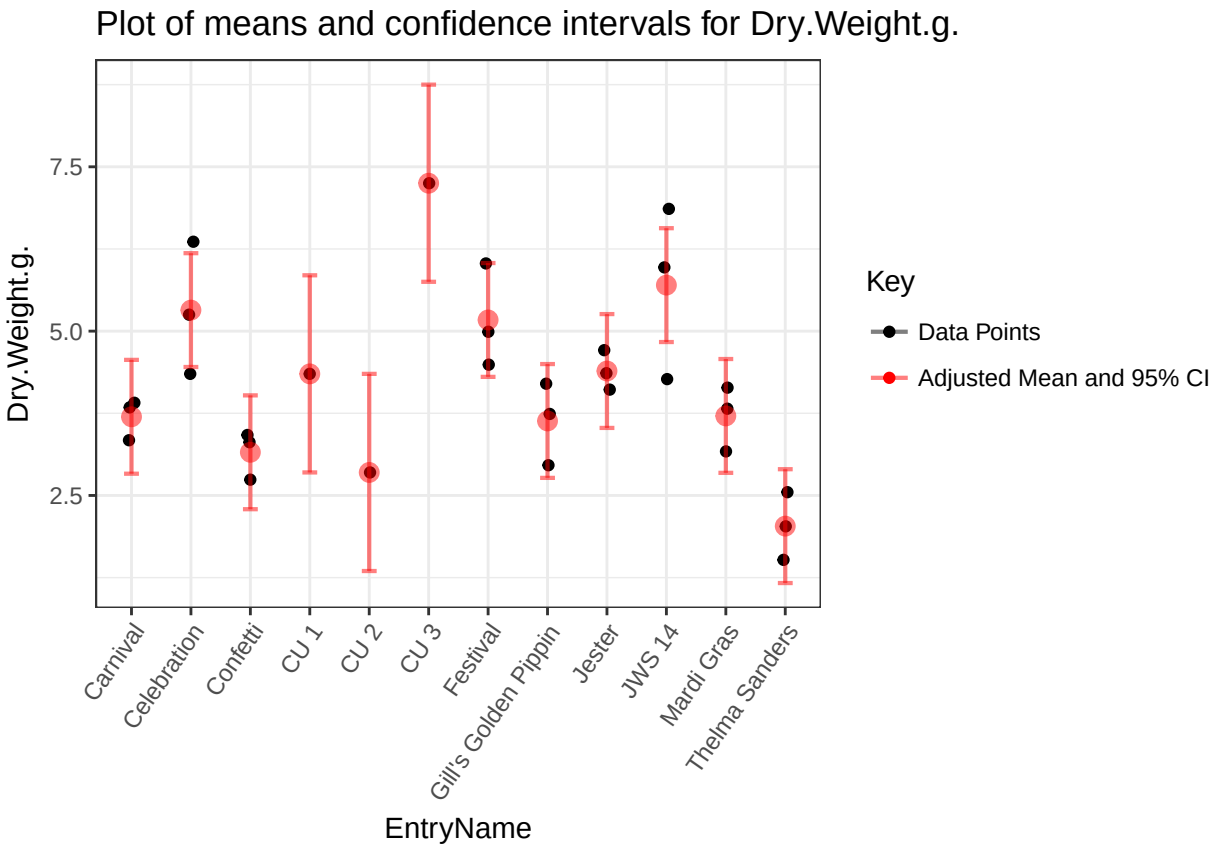

Plot of means and confidence intervals for Brix
Brix
15
10
5
Carnival
Celebration
Confetti
CU 1
CU 2
CU 3
Festival
Gil's Golden Pippin
Jester
JWS 14
Mardi Gras
Thelma Sanders
EntryName
Key
Data Points
Adjusted Mean and 95% CI


Plot of means and confidence intervals for Dry.Weight.g.
Dry.Weight.g.
7.5
5.0
2.5
Carnival
Celebration
Confetti
CU 1
CU 2
CU 3
Festival
Gill's Golden Pippin
Jester
JWS 14
Mardi Gras
Thelma Sanders
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Key
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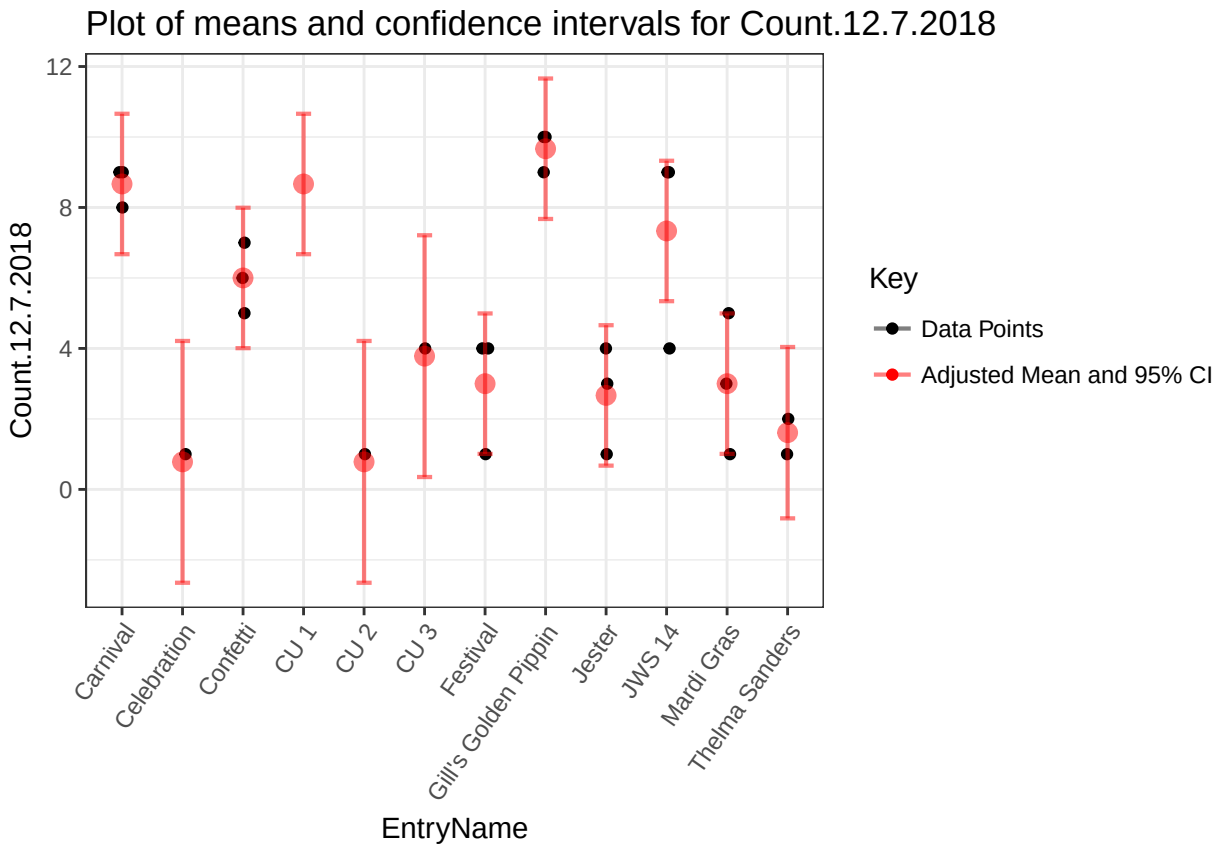
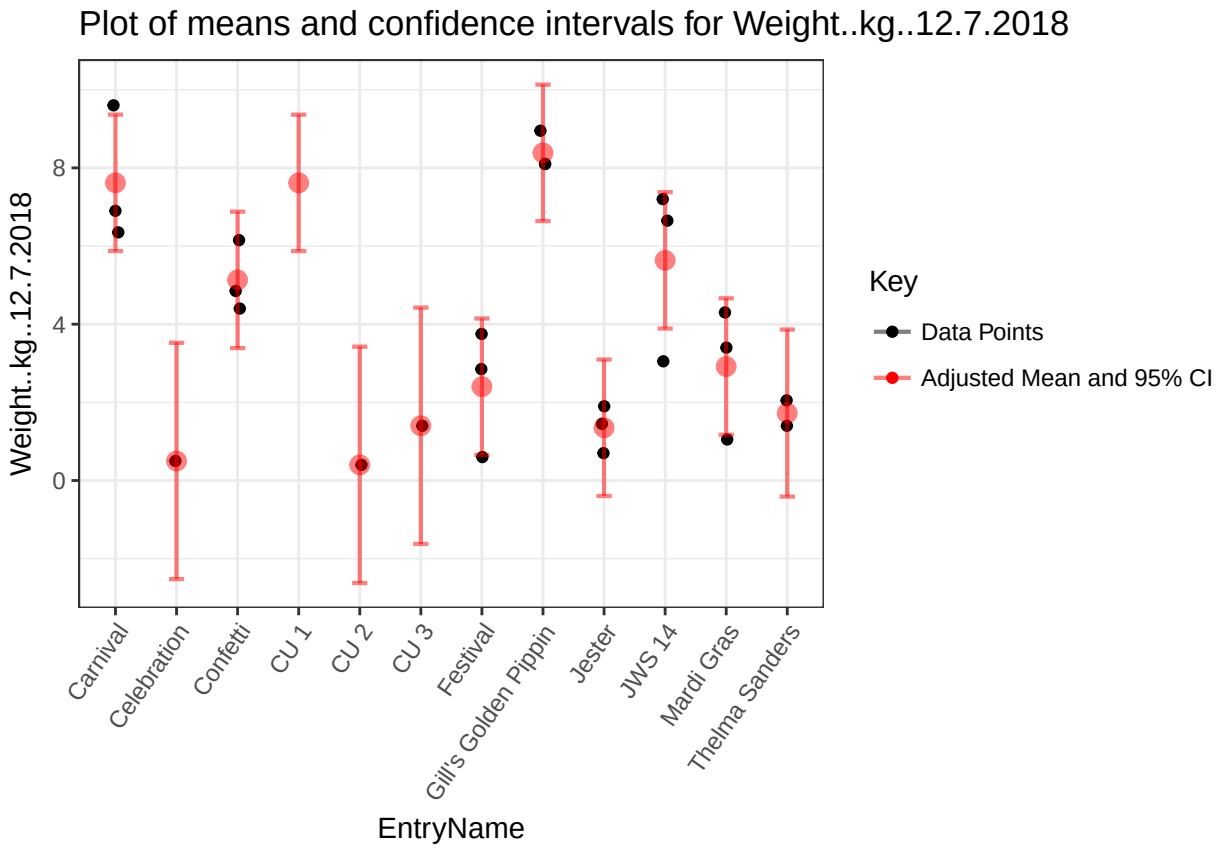

Plot of means and confidence intervals for Count.12.7.2018
Count.12.7.2018
12
8
4
0
Carnival
Celebration
Confetti
CU 1
CU 2
CU 3
Festival
Gill's Golden Pippin
Jester
JWS 14
Mardi Gras
Thelma Sanders
EntryName
Key
Data Points
Adjusted Mean and 95% CI


Plot of means and confidence intervals for Weight..kg..12.7.2018
Weight..kg..12.7.2018
8
4
0
Carnival
Celebration
Confetti
CU 1
CU 2
CU 3
Festival
Gill's Golden Pippin
Jester
JWS 14
Mardi Gras
Thelma Sanders
EntryName
Key
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Adjusted Mean and 95% CI

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Mardi Gras	2.7	bc	1	c	3	bc	2.9	
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