Figure 10: Average Number of Annotations per cy (Optical Center) Bin
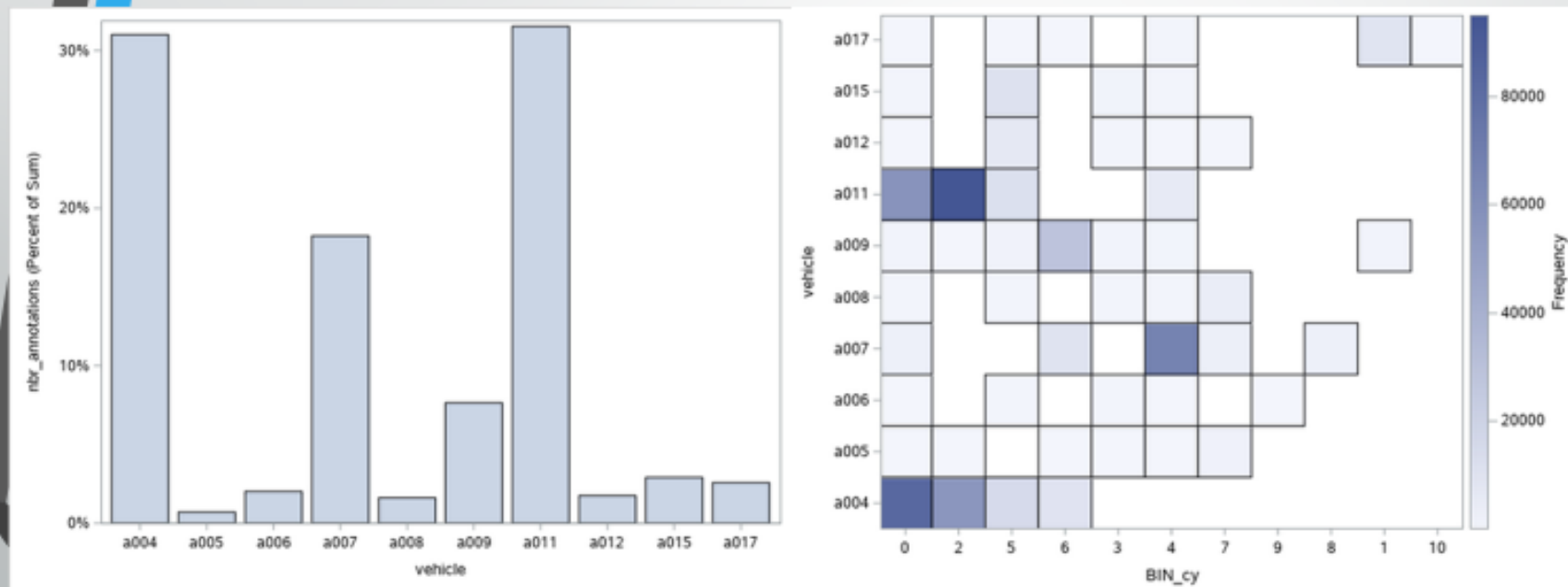
Question 1: Do Particular Sensor Calibrations Affect the Platform's Ability to Detect Objects?

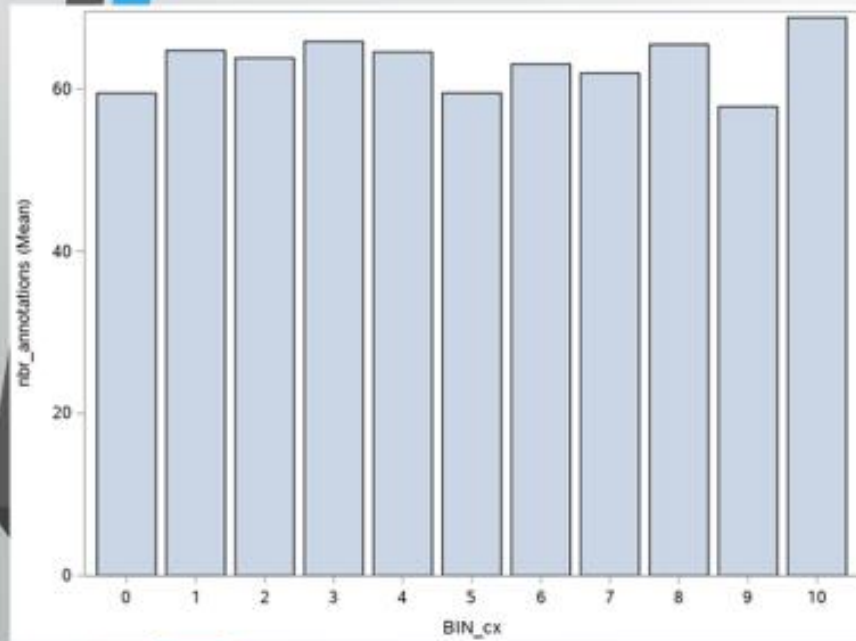## Not CAM_FRONT_ZOOMED GLM (Tukey) Results cy (Bin=10)

Least Squares Means for effect BIN_cy
Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: nbr_annotations

i/j	1	2	3	4	5	6	7	8	9	10	11
1		<.0001	<.0001	<.0001	1.0000	<.0001	<.0001	<.0001	<.0001	0.0004	<.0001
2	<.0001		<.0001	<.0001	<.0001	0.9941	<.0001	<.0001	1.0000	0.6137	0.0688
3	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
4	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	0.9937	<.0001	1.0000	1.0000
5	1.0000	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	0.0004	<.0001
6	<.0001	0.9941	<.0001	<.0001	<.0001		<.0001	<.0001	1.0000	0.4445	0.0320
7	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	0.0101	0.9957	0.5919
8	<.0001	<.0001	<.0001	0.9937	<.0001	<.0001	<.0001		<.0001	0.9994	1.0000
9	<.0001	1.0000	<.0001	<.0001	<.0001	1.0000	0.0101	<.0001		0.5194	0.0526
10	0.0004	0.6137	<.0001	1.0000	0.0004	0.4445	0.9957	0.9994	0.5194		0.9996
11	<.0001	0.0688	<.0001	1.0000	<.0001	0.0320	0.5919	1.0000	0.0526	0.9996	

BIN_cy	nbr_annotations LSMEAN	LSMEAN Number
0	59.4656619	1
1	64.0425774	2
2	58.2626225	3
3	68.8573378	4
4	59.5462407	5
5	63.6456205	6
6	66.0768872	7
7	69.5109870	8
8	63.6285104	9
9	67.9841270	10
10	70.0264550	11

Some significant differences between the mean number of annotations for each focal length.

Question 1: Do Particular Sensor Calibrations Affect the Platform's Ability to Detect Objects?

Not CAM_FRONT_ZOOMED HPBIN Results cy (Bin=10)

- Range of approximately 11.76 annotations between the highest and the lowest values (~20.18% of lowest mean).