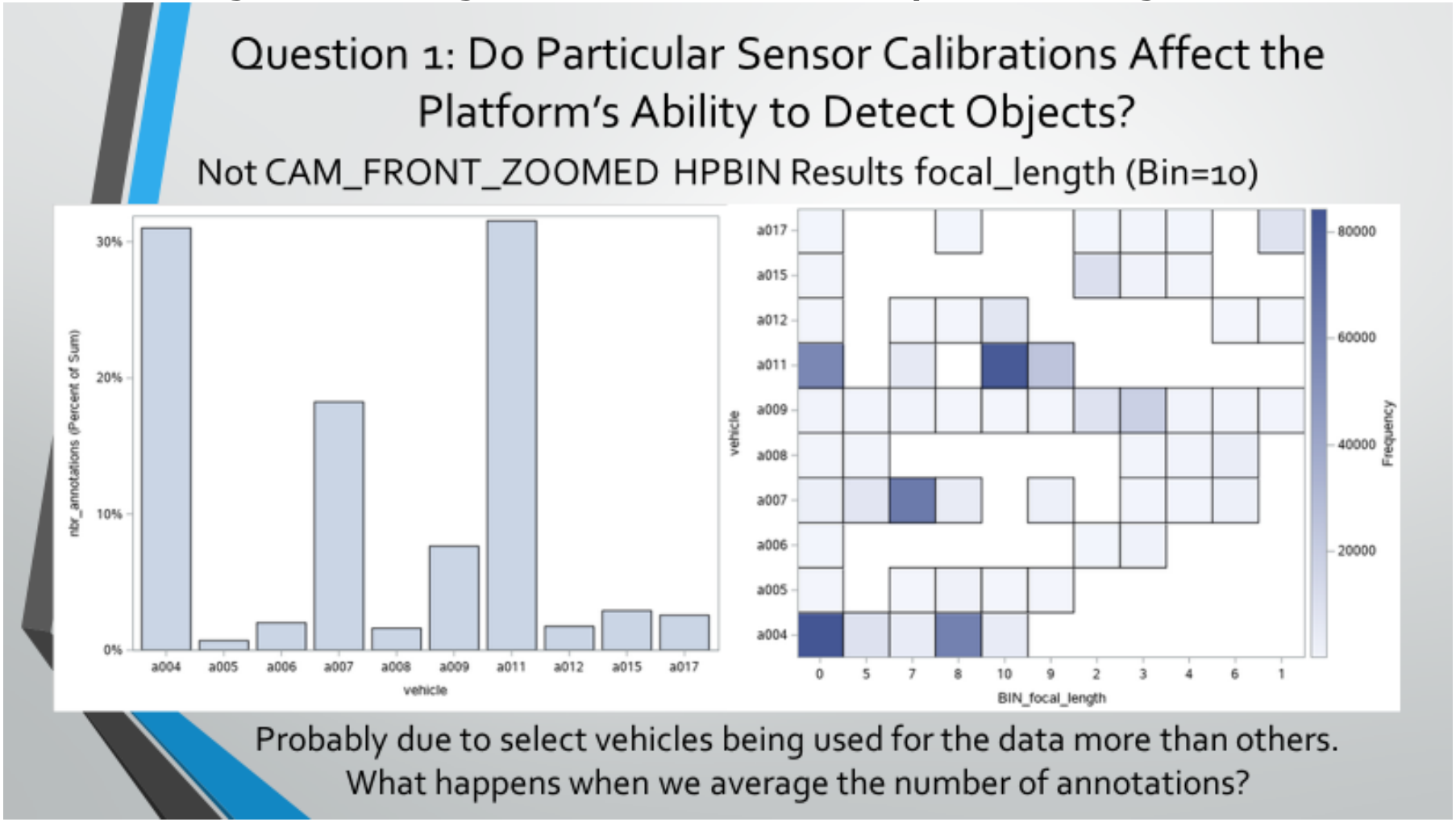
Figure 9: Average Number of Annotations per Focal Length Bin



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

Not CAM_FRONT_ZOOMED GLM (Tukey) Results focal_length (Bin=10)

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

Dependent Variable: nbr_annotations

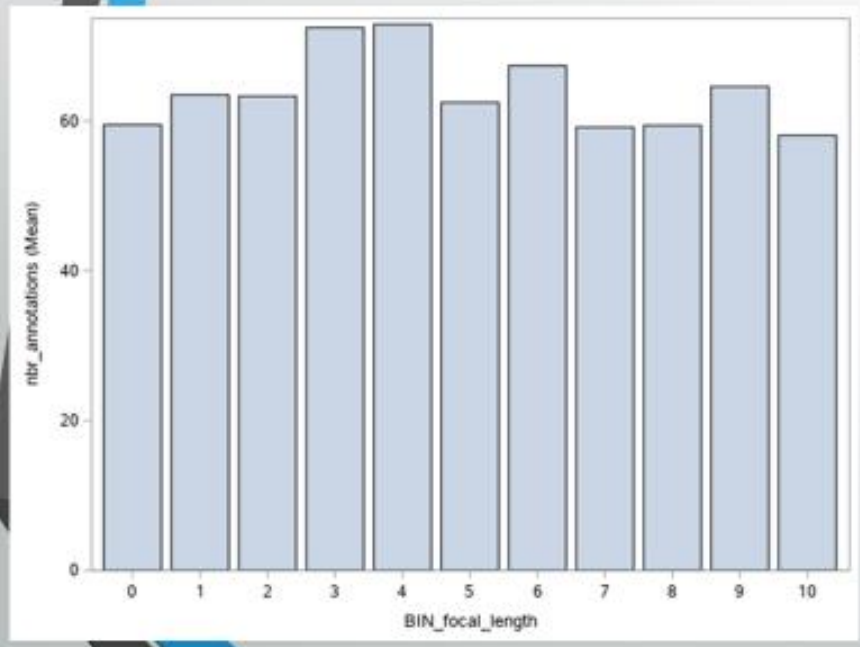
i/j	1	2	3	4	5	6	7	8	9	10	11
1		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.6522	1.0000	<.0001	<.0001
2	<.0001		1.0000	<.0001	<.0001	0.4168	<.0001	<.0001	<.0001	0.1984	<.0001
3	<.0001	1.0000		<.0001	<.0001	0.3823	<.0001	<.0001	<.0001	0.0045	<.0001
4	<.0001	<.0001	<.0001		0.9998	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
5	<.0001	<.0001	<.0001	0.9998		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
6	<.0001	0.4168	0.3823	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001
7	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001
8	0.6522	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		0.9706	<.0001	<.0001
9	1.0000	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.9706		<.0001	<.0001
10	<.0001	0.1984	0.0045	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001
11	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	

BIN_focal_length	nbr_annotations LSMEAN	LSMEAN Number
0	59.4656619	1
1	63.4608499	2
2	63.2958962	3
3	72.4315479	4
4	72.8719918	5
5	62.4505152	6
6	67.3473282	7
7	59.1424806	8
8	59.3888944	9
9	64.5716617	10
10	58.0385327	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 focal_length (Bin=10)



- Range of approximately 14.84 annotations between the highest and the lowest values (~25.57% of lowest mean)