

Scatterplots and Correlation P-Set

For each of the following, create a scatterplot of the data set. Then determine if there appears to be a positive, negative, or no correlation. Unless otherwise indicated, the first column represents the explanatory variable.

1.

Meeting Time	Percent of Audience Listening
58	43.0
71	61.7
34	46.9
38	68.8
31	70.3
48	63.1
34	37.0
72	69.9
73	61.2
36	73.5

2.

Car Age (Years)	Value (in Thousands)
4	73.6
39	29.8
30	6.0
17	14.4
7	55.5
3	80.2
13	27.2
21	6.4
27	3.4
23	4.2
20	8.0
21	6.4

3.

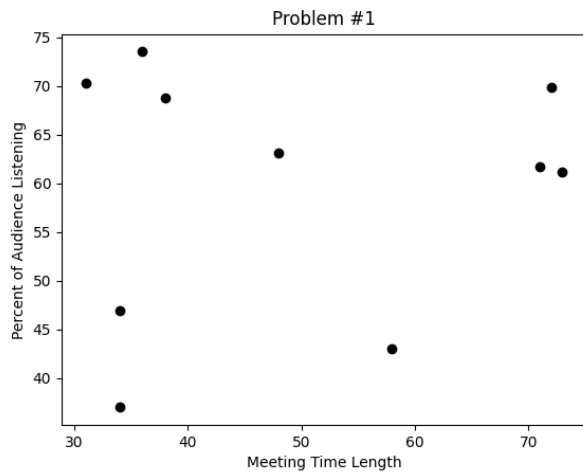
Property Sale Price (in millions of dollars)	Size (in sq. feet)
10.6	2166
2.6	751
30.5	2422
1.8	224
20	3917
8	2866
10	1698
6.7	1046
5.8	1108
4.5	405

4.

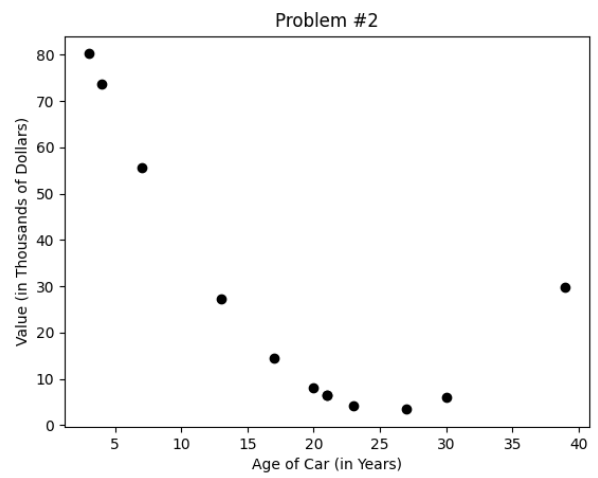
Exercise time (x)	4.9	4.7	5.35	5.22	5.2	5.4	5.7	6	6.2	6.1
Myoglobin level (y)	1590	1550	1360	895	865	905	895	910	700	675

KEY

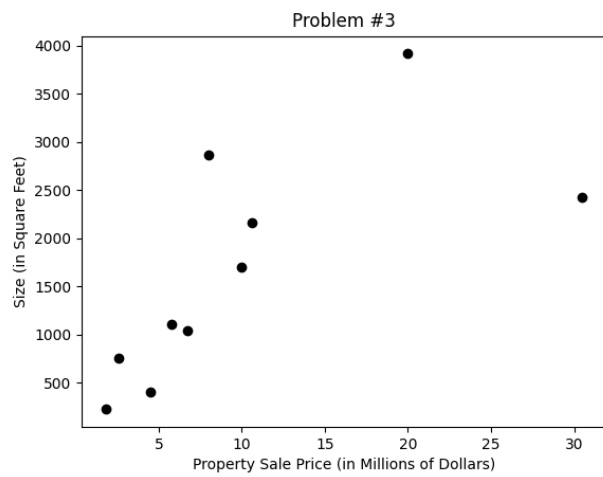
1. No correlation



2. Negative correlation



3. Positive



4. Negative

