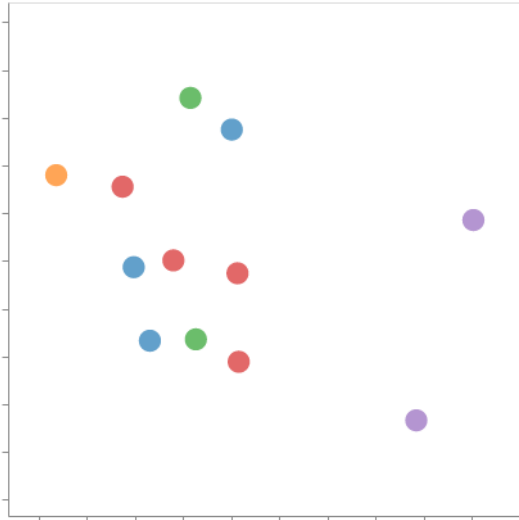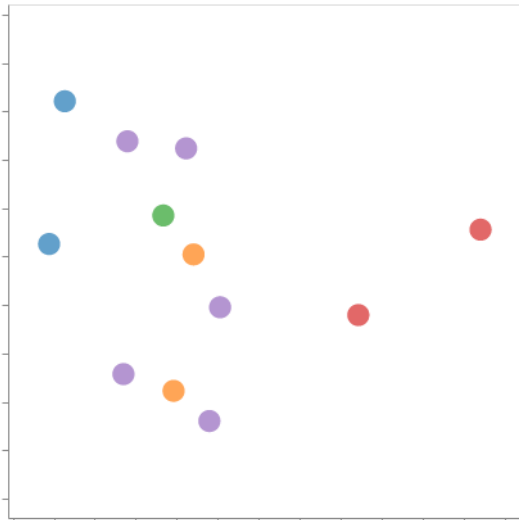**Task:retrieve_value   Encoding:color_nominal**

EncQA Question: How many Purple circles are present?

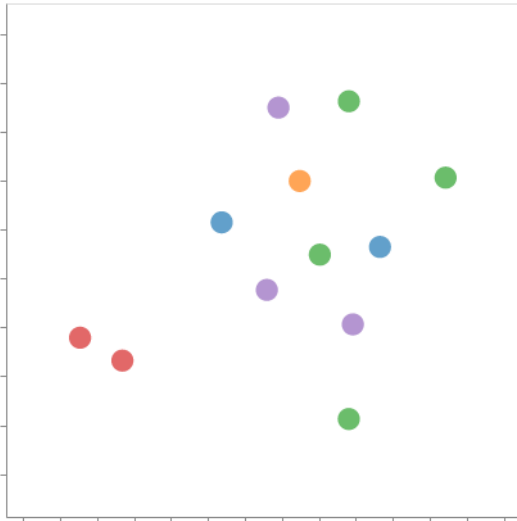Formatted Text Prompt: Answer using only a single number.
How many Purple circles are present?

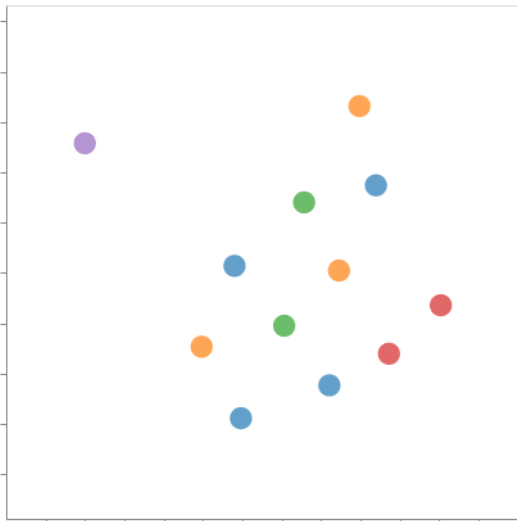EncQA Question: How many Blue circles are present?

Formatted Text Prompt: Answer using only a single number.
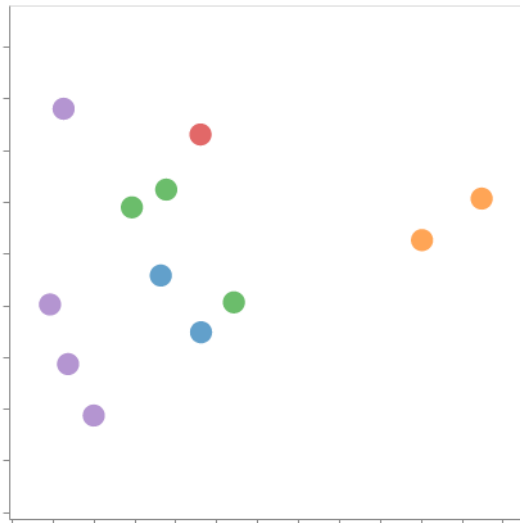How many Blue circles are present?

EncQA Question: How many Green circles are present?

Formatted Text Prompt: Answer using only a single number.
How many Green circles are present?

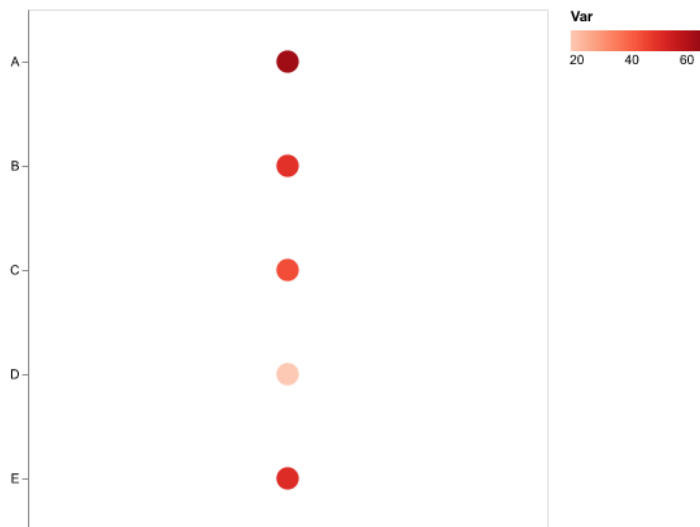EncQA Question: How many Red circles are present?

Formatted Text Prompt: Answer using only a single number.
How many Red circles are present?

EncQA Question: How many Blue circles are present?

Formatted Text Prompt: Answer using only a single number.
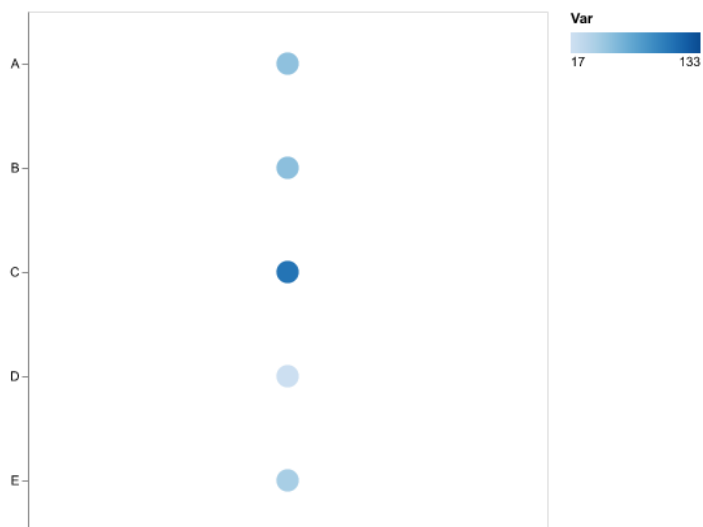How many Blue circles are present?

Task:retrieve_value   Encoding:color_quantitative

EncQA Question: What is the value of Var at B?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at B?

EncQA Question: What is the value of Var at A?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at A?

EncQA Question: What is the value of Var at C?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at C?

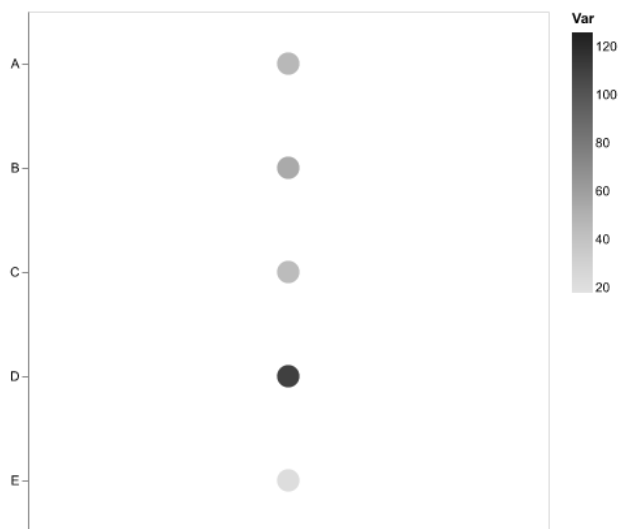EncQA Question: What is the value of Var at C?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at C?

EncQA Question: What is the value of Var at E?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at E?

Task:retrieve_value   Encoding:position

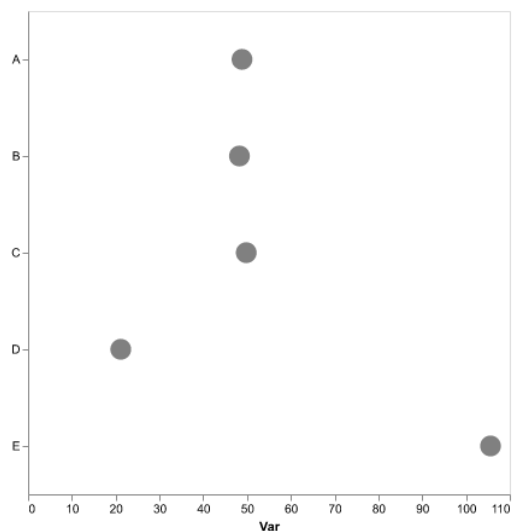EncQA Question: What is the value of Var at B?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at B?

EncQA Question: What is the value of Var at B?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at B?

EncQA Question: What is the value of Var at A?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at A?

EncQA Question: What is the value of Var at E?

Formatted Text Prompt: Answer using only a single number.
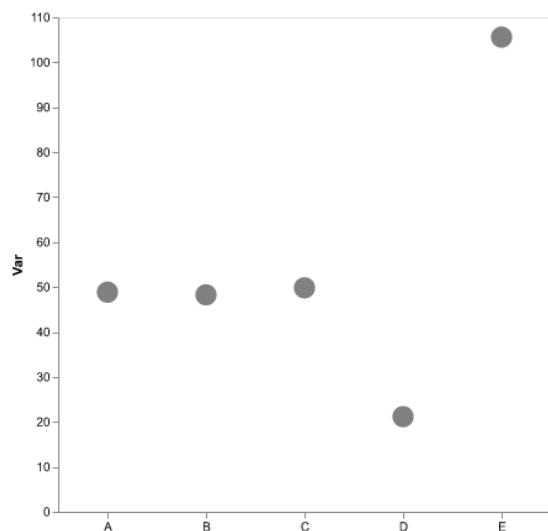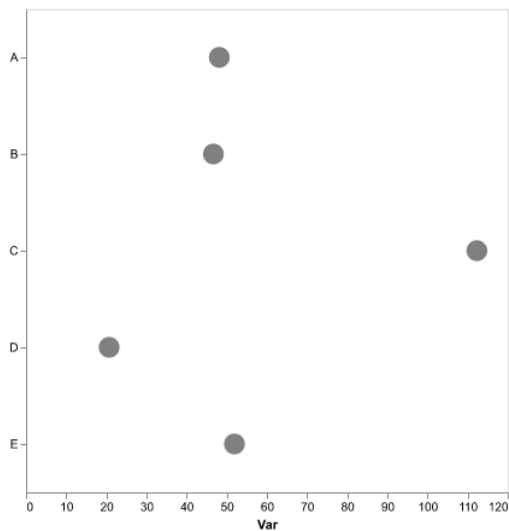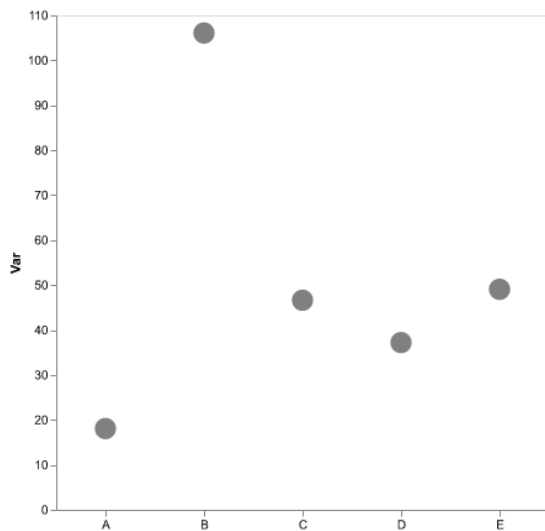What is the value of Var at E?

EncQA Question: What is the value of Var at B?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at B?

Task:retrieve_value   Encoding:area

EncQA Question: What is the value of Var at D?

Formatted Text Prompt: Answer using only a single number.
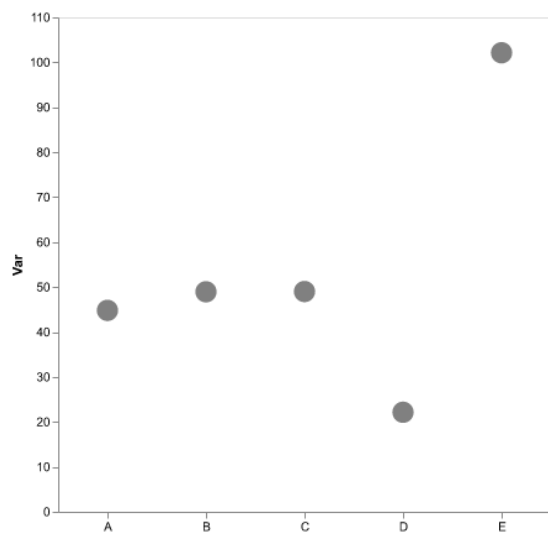What is the value of Var at D?

EncQA Question: What is the value of Var at A?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at A?

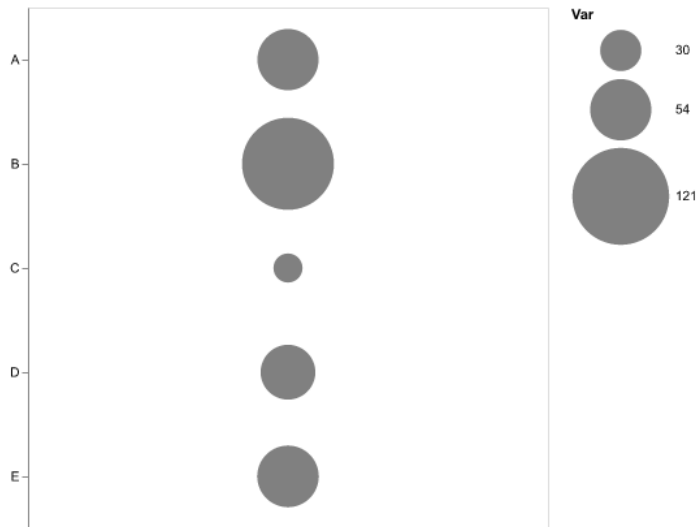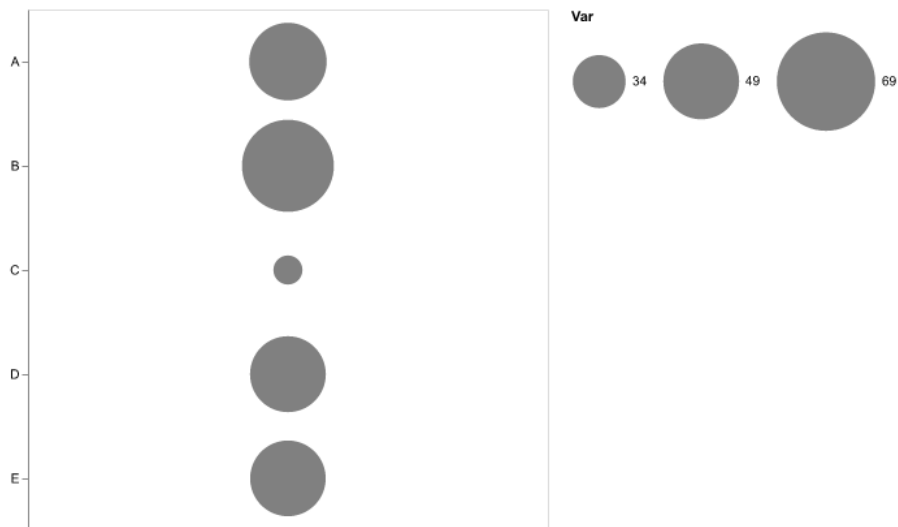EncQA Question: What is the value of Var at C?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at C?

EncQA Question: What is the value of Var at C?

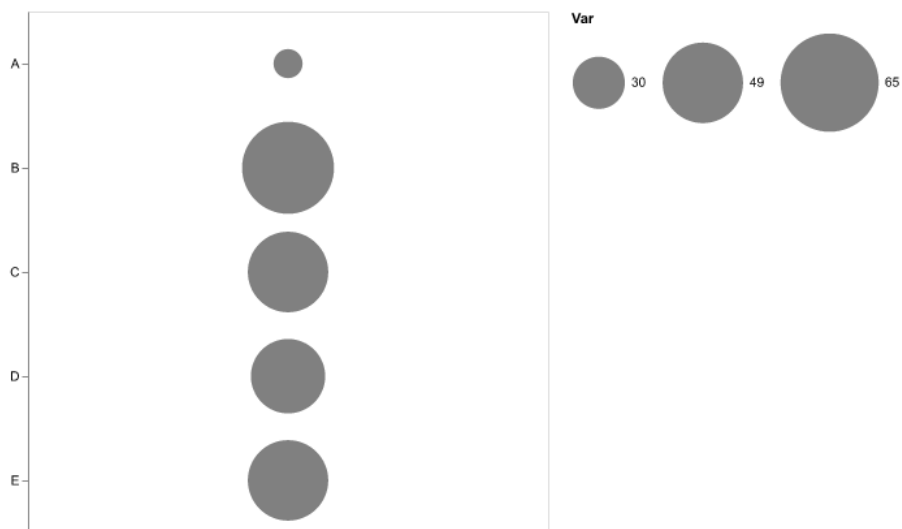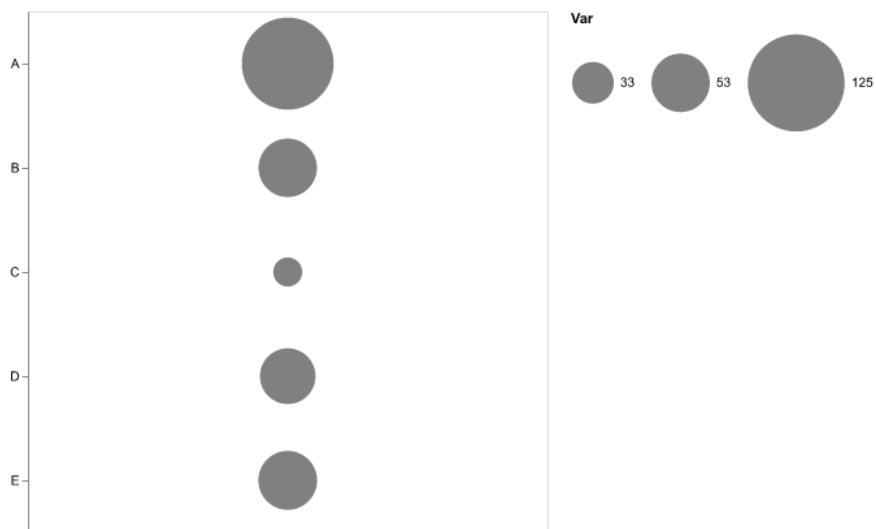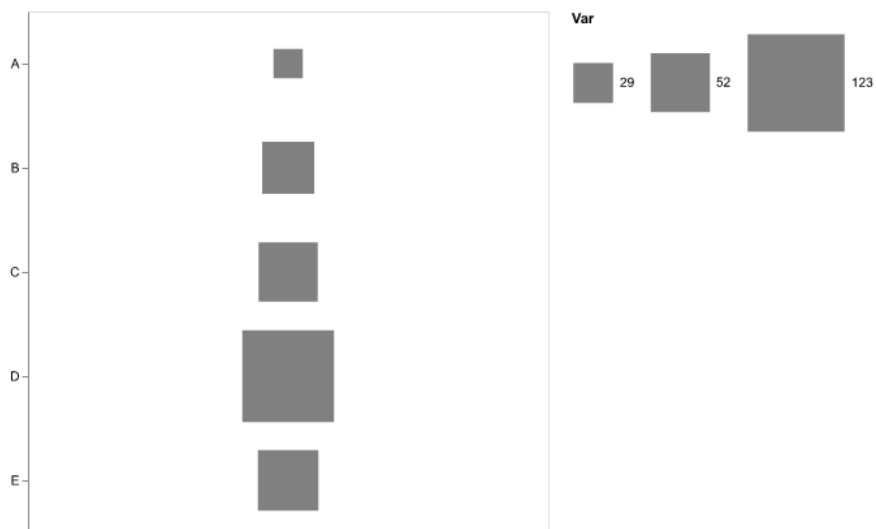Formatted Text Prompt: Answer using only a single number.
What is the value of Var at C?

EncQA Question: What is the value of Var at E?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at E?

Task:retrieve_value   Encoding:shape
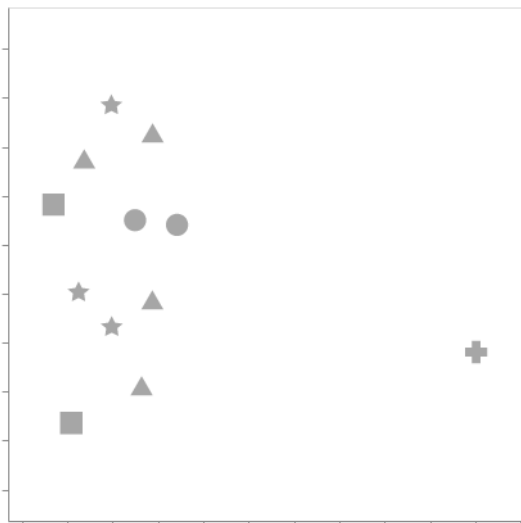
EncQA Question: How many cross shapes are present?

Formatted Text Prompt: Answer using only a single number.
How many cross shapes are present?

EncQA Question: How many triangle shapes are present?

Formatted Text Prompt: Answer using only a single number.
How many triangle shapes are present?

EncQA Question: How many star shapes are present?

Formatted Text Prompt: Answer using only a single number.
How many star shapes are present?

EncQA Question: How many triangle shapes are present?

Formatted Text Prompt: Answer using only a single number.
How many triangle shapes are present?
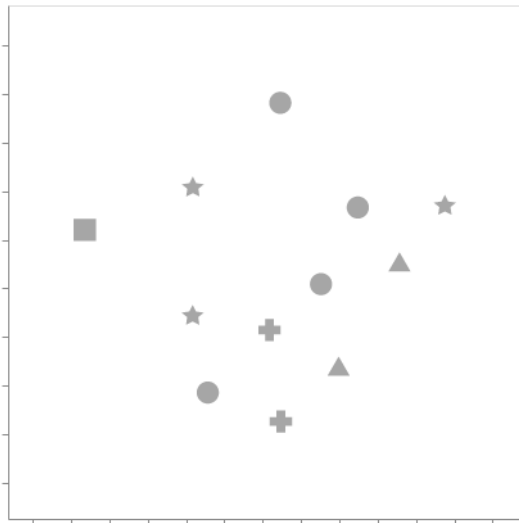
EncQA Question: How many cross shapes are present?

Formatted Text Prompt: Answer using only a single number.
How many cross shapes are present?

Task:retrieve_value   Encoding:length

EncQA Question: What is the value of Var at A?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at A?
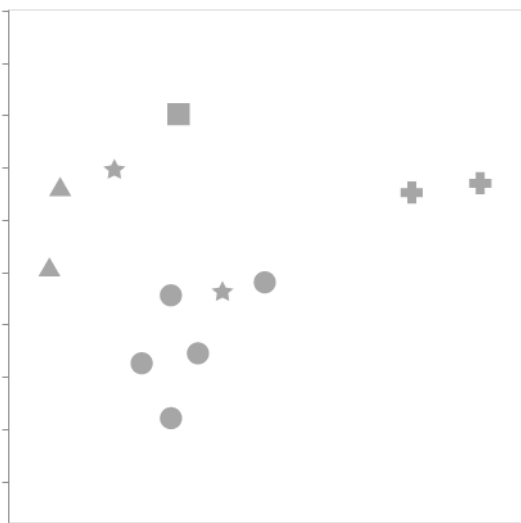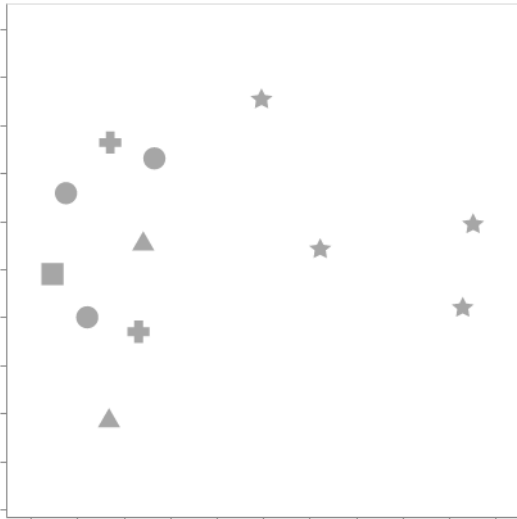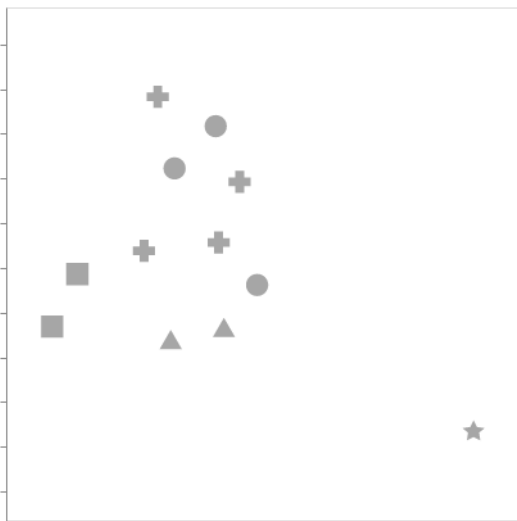

EncQA Question: What is the value of Var at E?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at E?

EncQA Question: What is the value of Var at E?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at E?

EncQA Question: What is the value of Var at C?

Formatted Text Prompt: Answer using only a single number.
What is the value of Var at C?

EncQA Question: What is the value of Var at A?

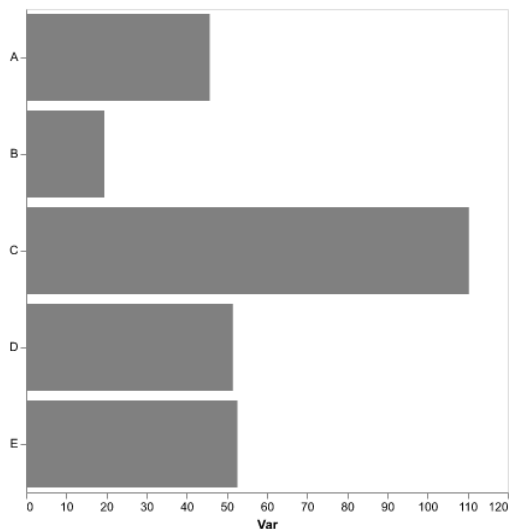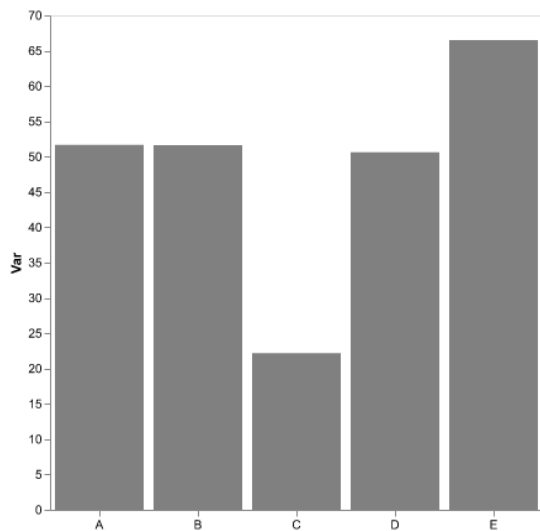Formatted Text Prompt: Answer using only a single number.
What is the value of Var at A?

Task:find_extrema   Encoding:color_nominal
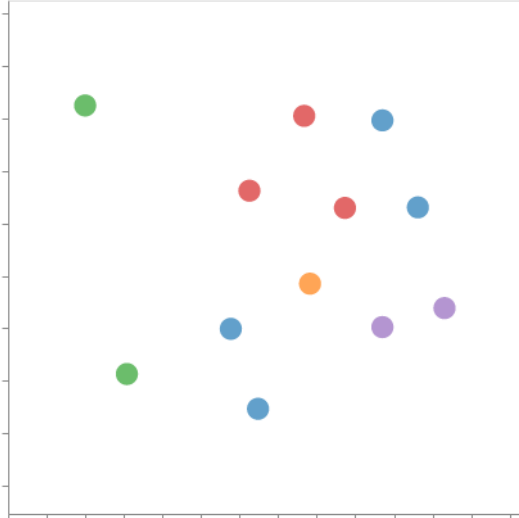
EncQA Question: which color has the least observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color has the least observations?
Options: Red, Green, Purple, Orange

EncQA Question: which color has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color has the most observations?
Options: Purple, Green, Red, Blue

EncQA Question: which color has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which color has the most observations?
Options: Green, Blue, Orange, Red

EncQA Question: which color has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which color has the most observations?
Options: Red, Purple, Orange, Green

EncQA Question: which color has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color has the most observations?
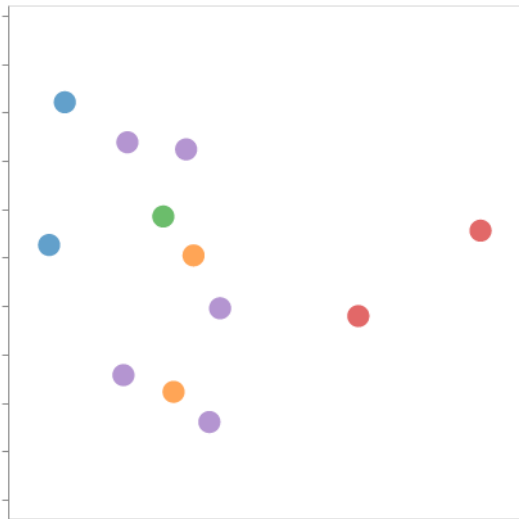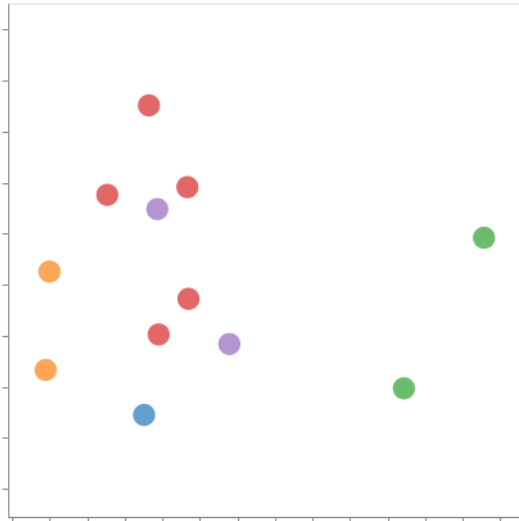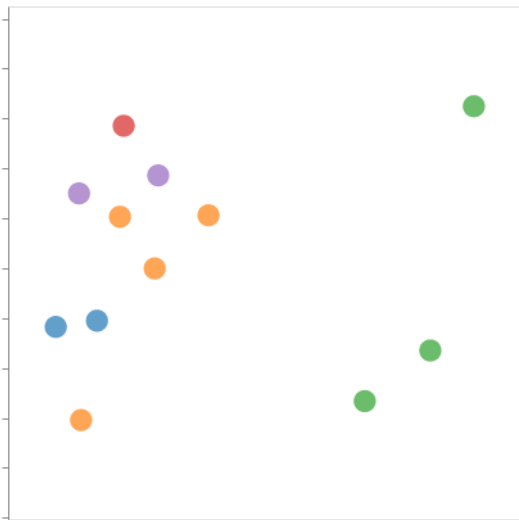Options: Purple, Red, Blue, Orange

Task:find_extrema   Encoding:color_quantitative

EncQA Question: which circle has the lightest color?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which circle has the lightest color?
Options: A, E, C, D
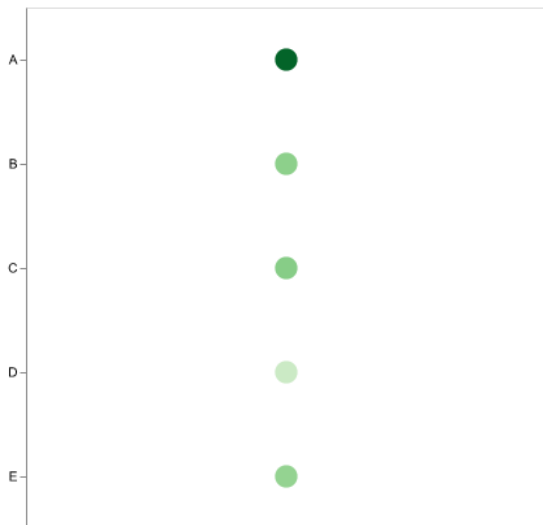
EncQA Question: which circle has the lightest color?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which circle has the lightest color?
Options: D, A, E, C

EncQA Question: which circle has the darkest color?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle has the darkest color?
Options: D, A, C, E

EncQA Question: which circle has the lightest color?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
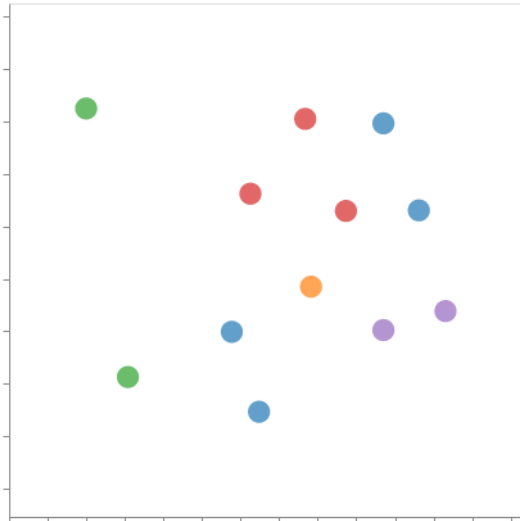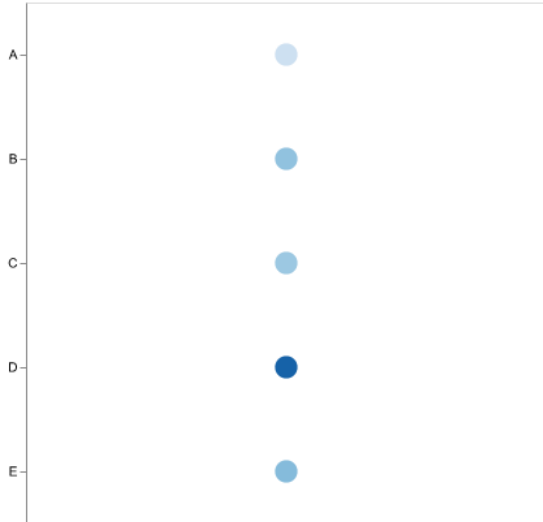which circle has the lightest color?
Options: C, B, E, A

EncQA Question: which circle has the darkest color?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
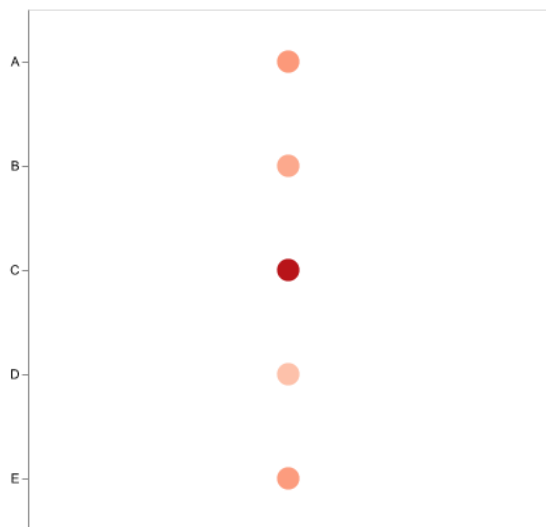which circle has the darkest color?
Options: A, C, B, E

Task:find_extrema   Encoding:position

EncQA Question: which circle is closest to the left?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is closest to the left?
Options: A, B, C, E

EncQA Question: which circle is closest to the right?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is closest to the right?
Options: D, B, C, E

EncQA Question: which circle is closest to the top?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is closest to the top?
Options: D, E, A, C

EncQA Question: which circle is closest to the right?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
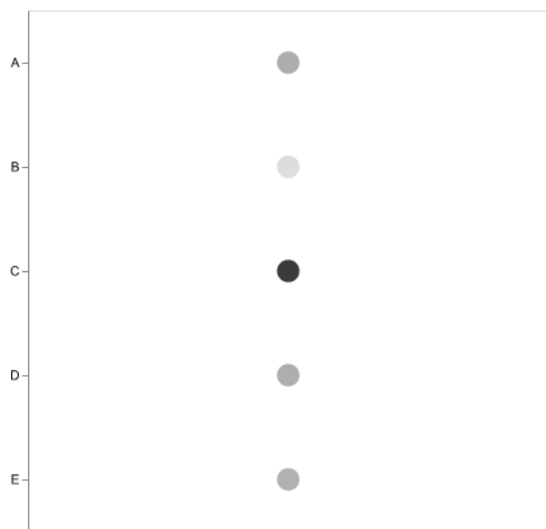which circle is closest to the right?
Options: C, D, B, E

EncQA Question: which circle is closest to the bottom?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is closest to the bottom?
Options: A, C, E, D

Task:find_extrema   Encoding:area

EncQA Question: which circle has the smallest area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
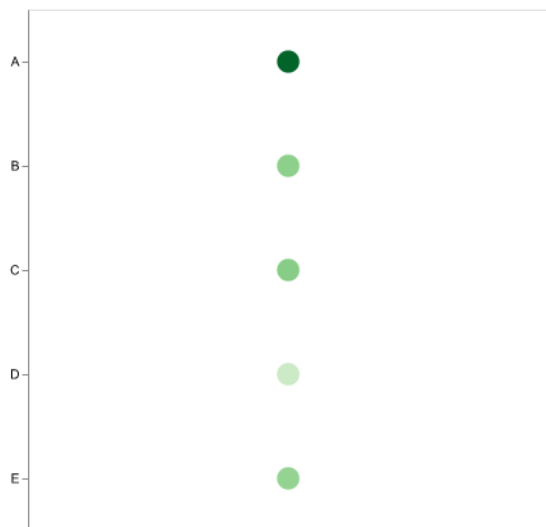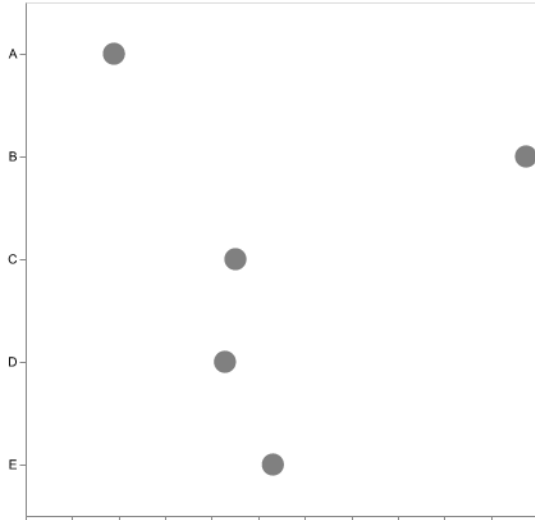which circle has the smallest area?
Options: A, D, E, B

EncQA Question: which circle has the largest area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
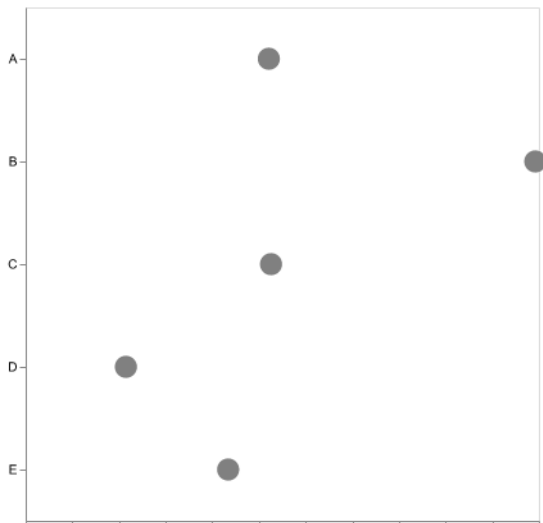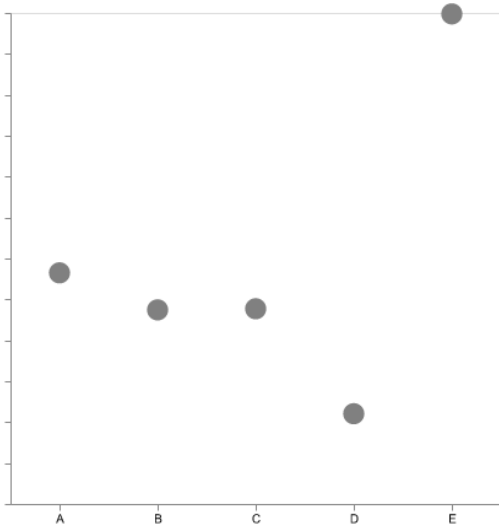which circle has the largest area?
Options: A, B, C, D

EncQA Question: which square has the smallest area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
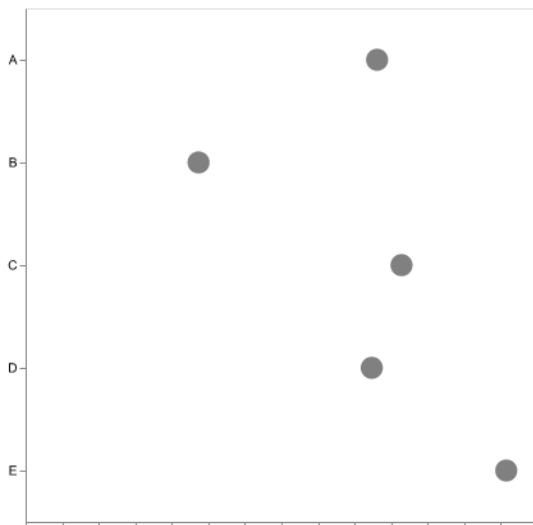which square has the smallest area?
Options: D, E, B, C

EncQA Question: which square has the largest area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
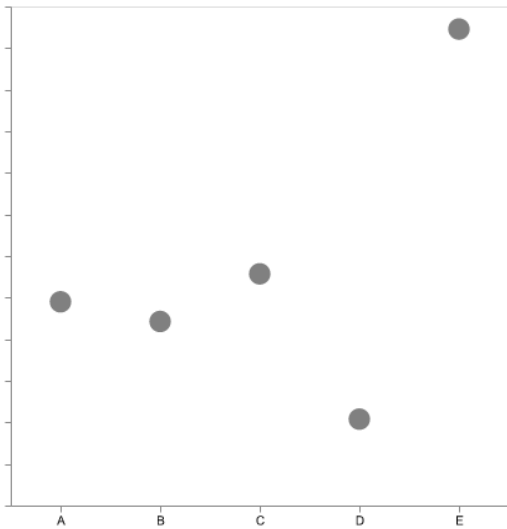which square has the largest area?
Options: A, E, B, D

EncQA Question: which square has the largest area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which square has the largest area?
Options: E, C, A, B
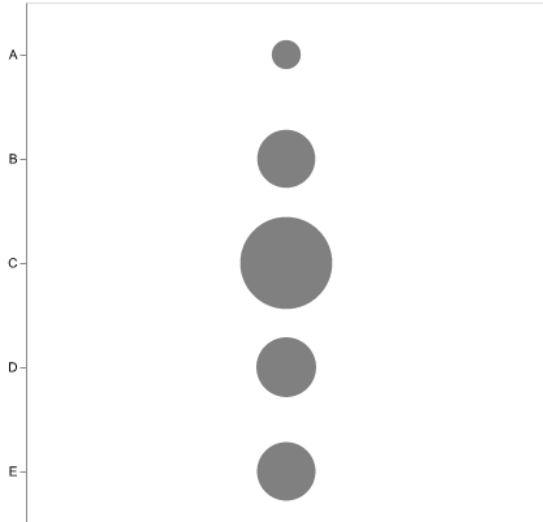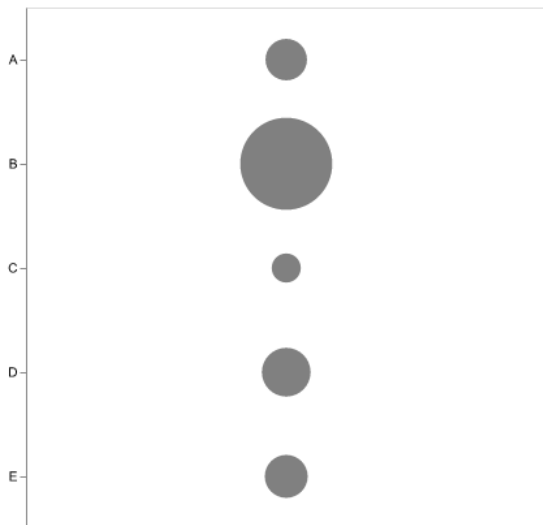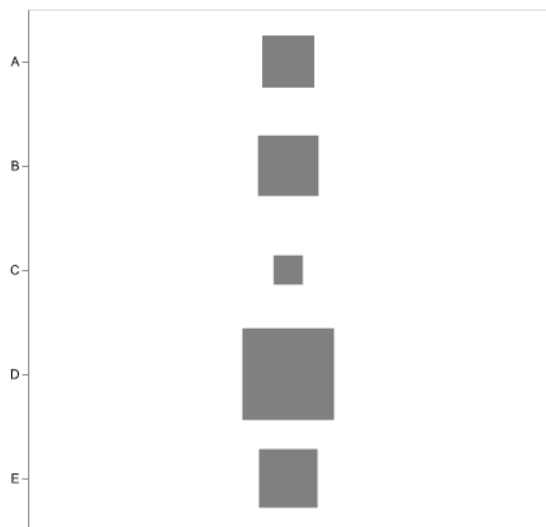
Task:find_extrema   Encoding:shape

EncQA Question: which shape has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape has the most observations?
Options: circle, cross, triangle, star

EncQA Question: which shape has the least observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape has the least observations?
Options: triangle, cross, star, circle

EncQA Question: which shape has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape has the most observations?
Options: triangle, star, square, circle
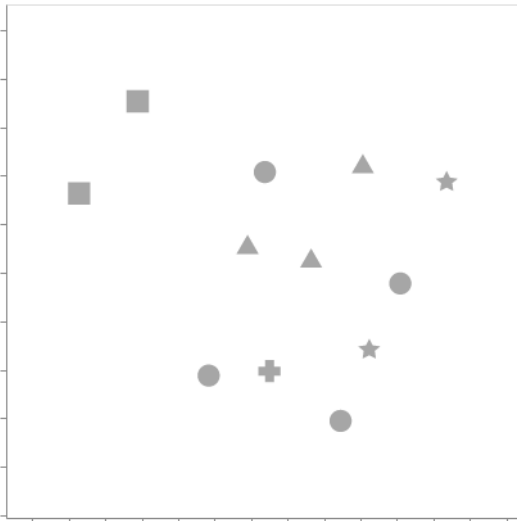
EncQA Question: which shape has the least observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
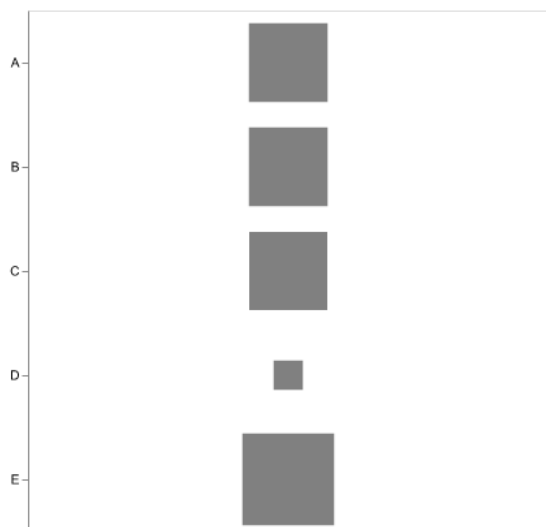which shape has the least observations?
Options: star, circle, triangle, cross
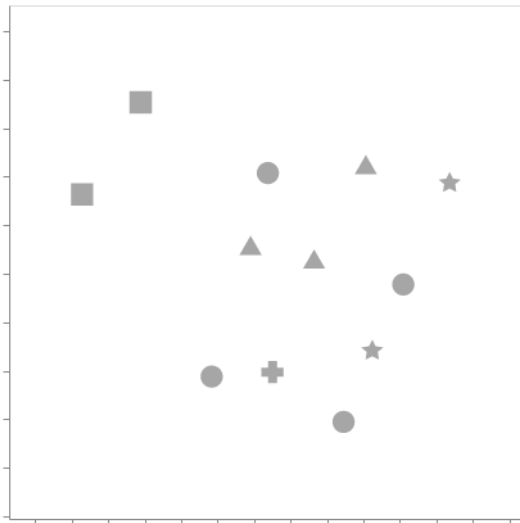
EncQA Question: which shape has the most observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
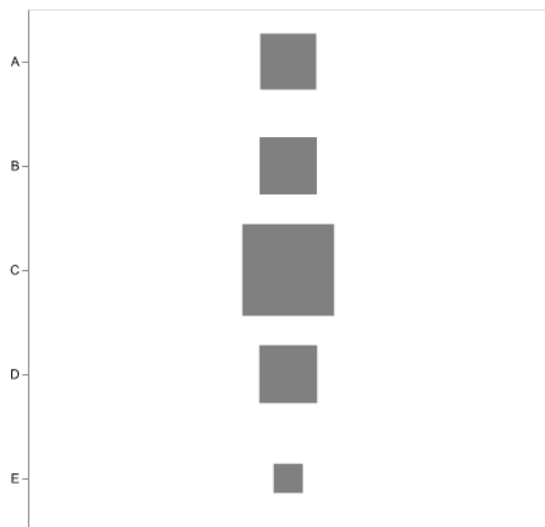which shape has the most observations?
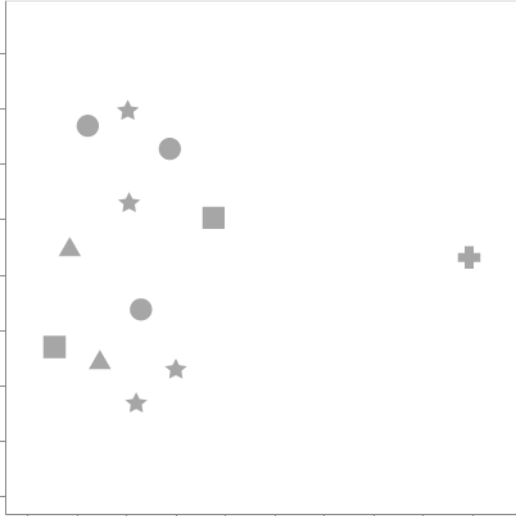Options: circle, square, star, cross

Task:find_extrema   Encoding:length
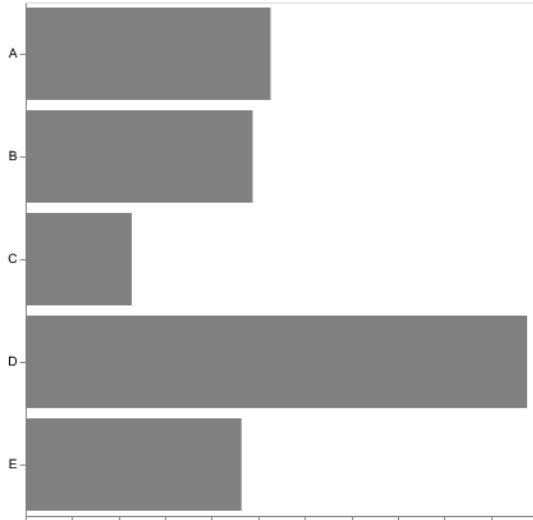
EncQA Question: which bar is the shortest?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is the shortest?
Options: C, B, D, A
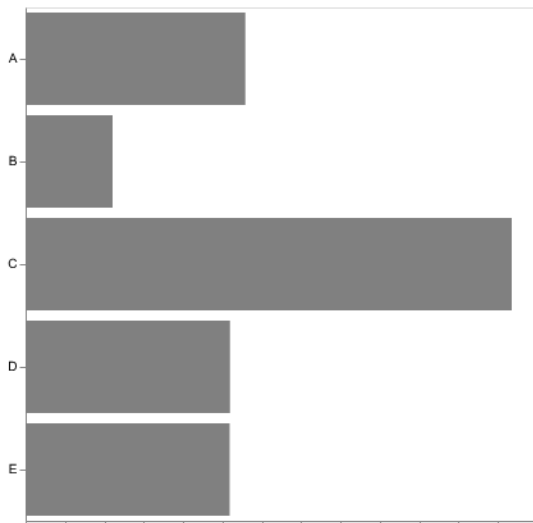
EncQA Question: which bar is the shortest?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
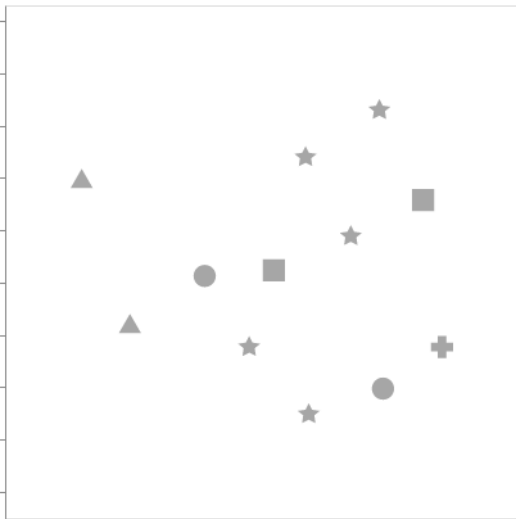which bar is the shortest?
Options: A, E, C, B
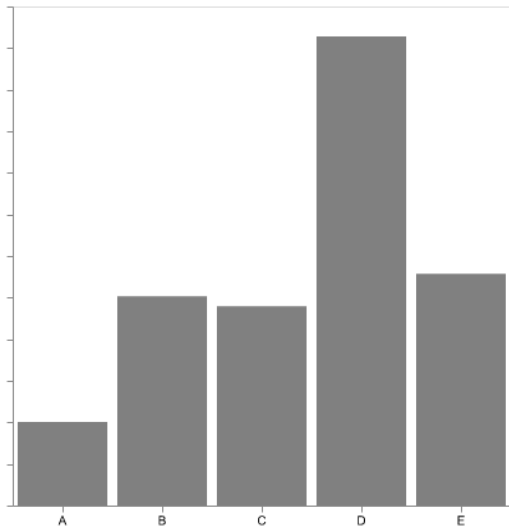
EncQA Question: which bar is the shortest?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
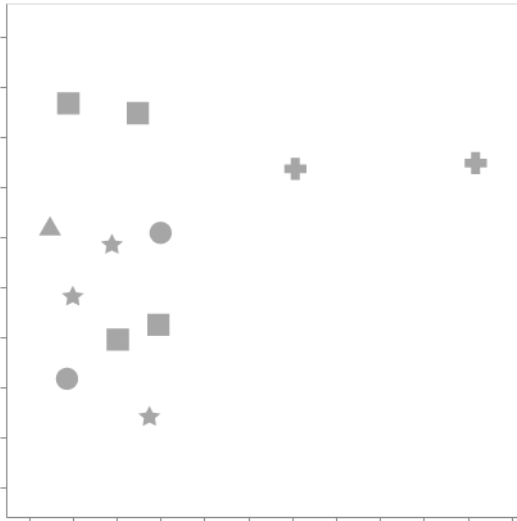which bar is the shortest?
Options: B, C, E, A
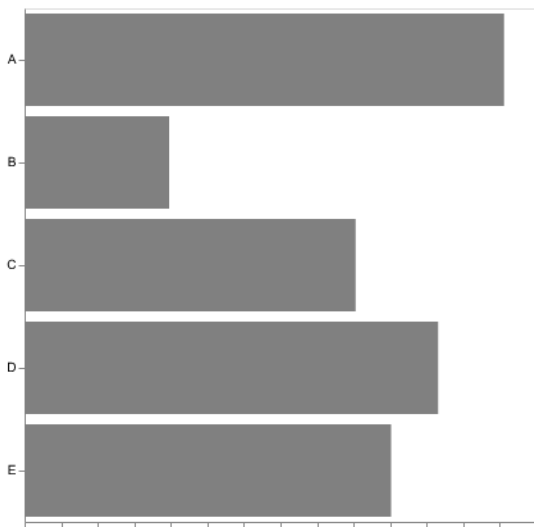
EncQA Question: which bar is the shortest?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is the shortest?
Options: D, E, C, B
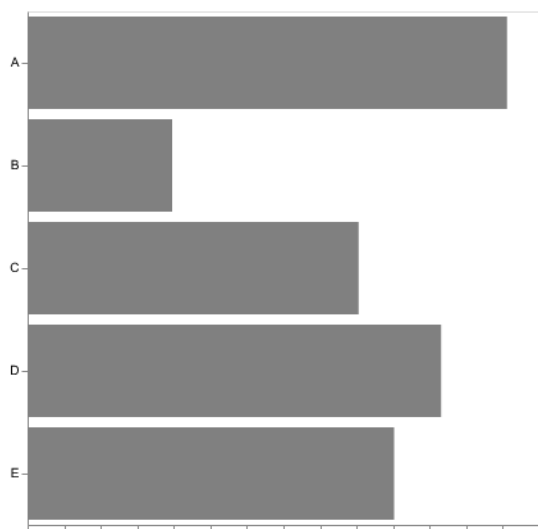
EncQA Question: which bar is the longest?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is the longest?
Options: A, D, B, E

# Task:find_anomaly   Encoding:color_nominal
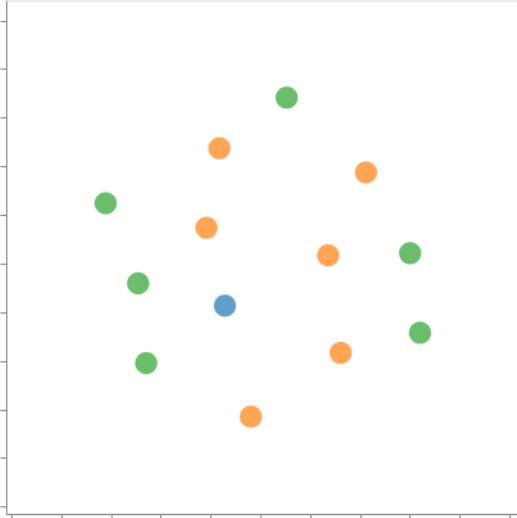
EncQA Question: which color is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color is an outlier relative to the rest in terms of the number of observations?
Options: Green, Orange, Blue

EncQA Question: which color is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color is an outlier relative to the rest in terms of the number of observations?
Options: Blue, Green, Orange

EncQA Question: which color is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color is an outlier relative to the rest in terms of the number of observations?
Options: Orange, Blue, Green

EncQA Question: which color is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color is an outlier relative to the rest in terms of the number of observations?
Options: Orange, Green, Blue

EncQA Question: which color is an outlier relative to the rest in terms of the number of observations?
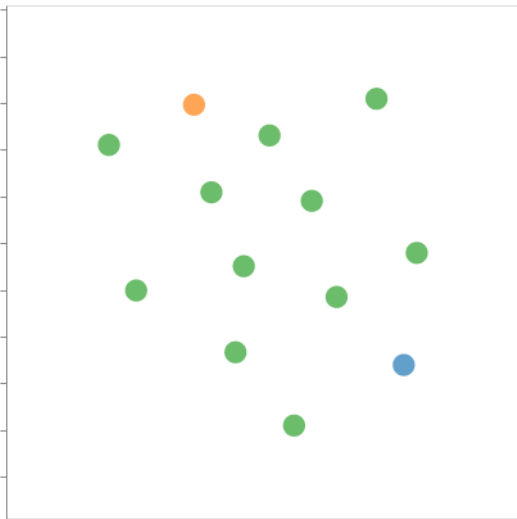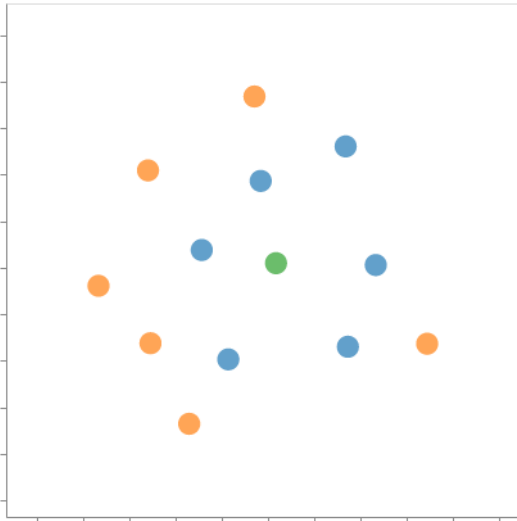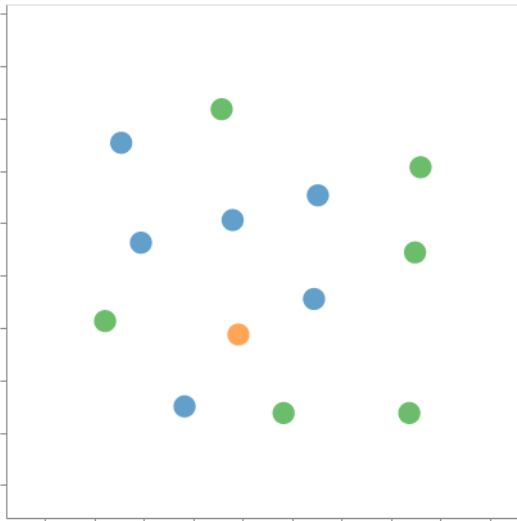
Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which color is an outlier relative to the rest in terms of the number of observations?
Options: Green, Blue, Orange

Task:find_anomaly   Encoding:color_quantitative

EncQA Question: which circle is an outlier relative to the rest in terms of color lightness?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of color lightness?
Options: B, A, C, D

EncQA Question: which circle is an outlier relative to the rest in terms of color lightness?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of color lightness?
Options: D, C, B, E

EncQA Question: which circle is an outlier relative to the rest in terms of color lightness?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which circle is an outlier relative to the rest in terms of color lightness?
Options: C, A, B, E
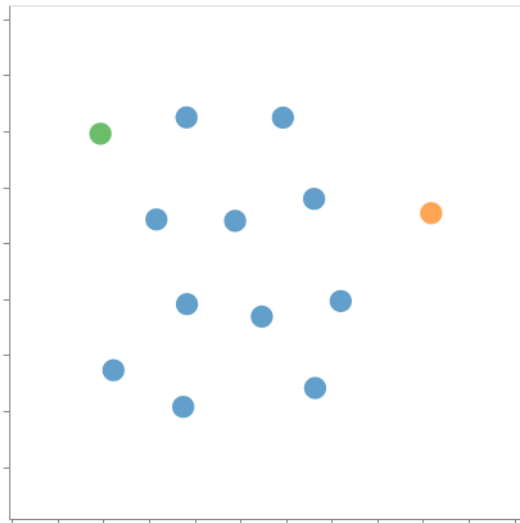

EncQA Question: which circle is an outlier relative to the rest in terms of color lightness?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which circle is an outlier relative to the rest in terms of color lightness?
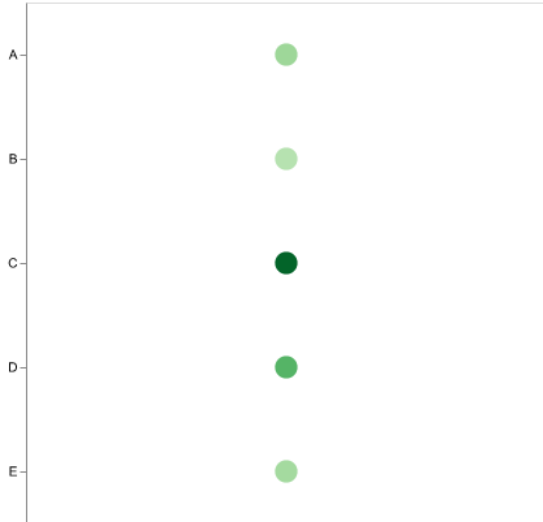Options: C, D, B, E

EncQA Question: which circle is an outlier relative to the rest in terms of color lightness?

Formatted Text Prompt: Answer using only a single word or letter from the options provided. which circle is an outlier relative to the rest in terms of color lightness?
Options: C, B, A, E

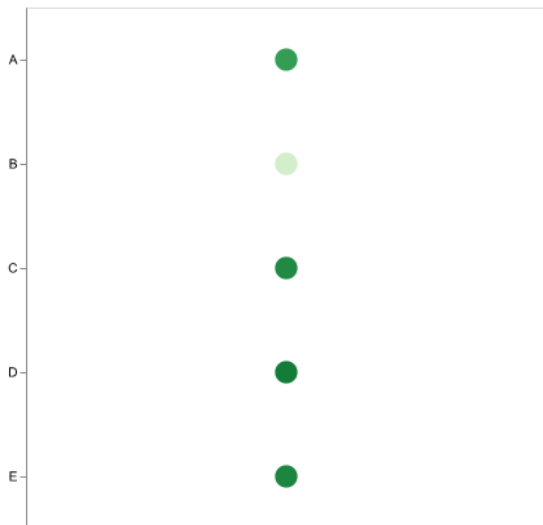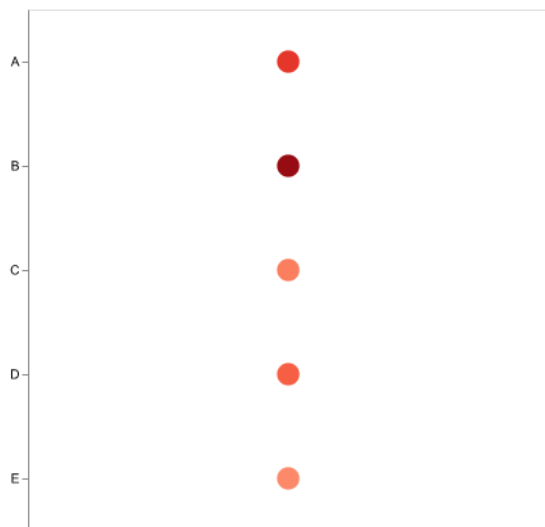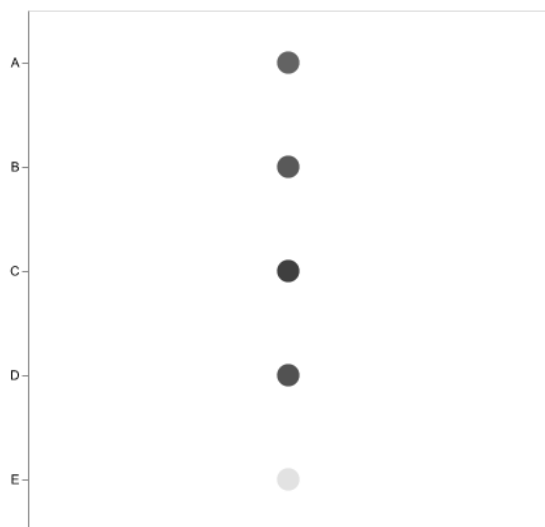# Task:find_anomaly   Encoding:position

EncQA Question: which circle is an outlier relative to the rest in terms of position?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of position?
Options: D, B, E, C

EncQA Question: which circle is an outlier relative to the rest in terms of position?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of position?
Options: B, A, C, D

EncQA Question: which circle is an outlier relative to the rest in terms of position?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of position?
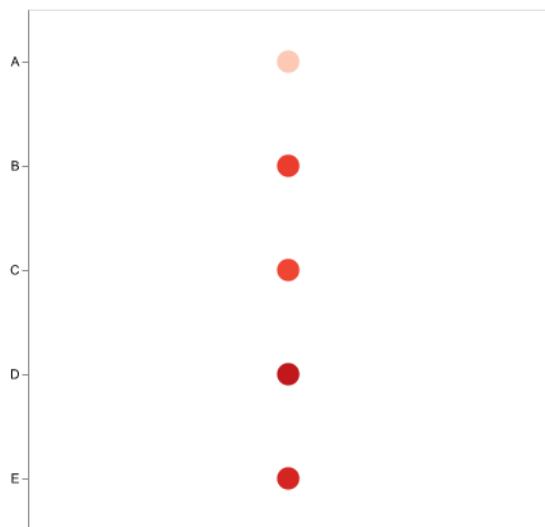Options: D, C, A, E

EncQA Question: which circle is an outlier relative to the rest in terms of position?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
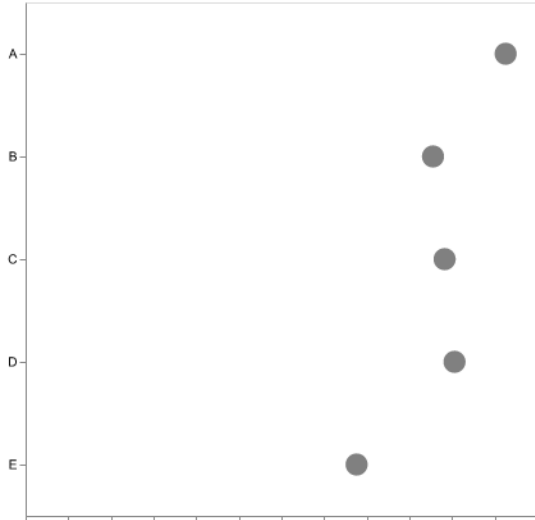which circle is an outlier relative to the rest in terms of position?
Options: B, A, E, C

EncQA Question: which circle is an outlier relative to the rest in terms of position?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
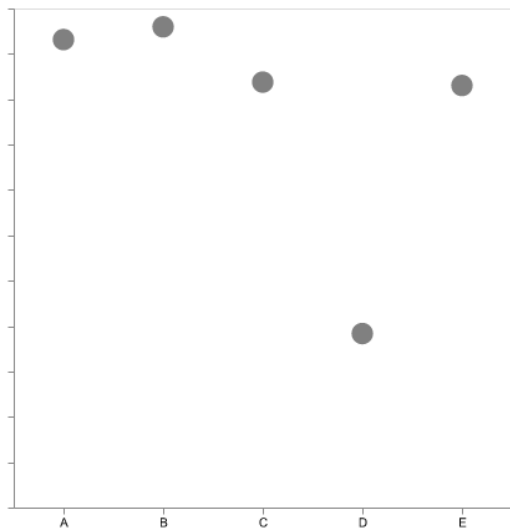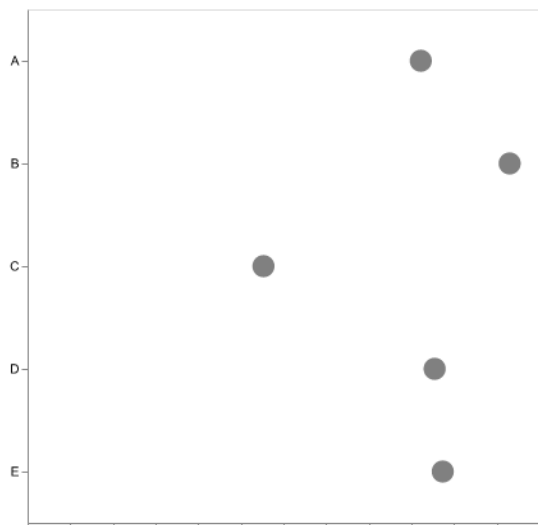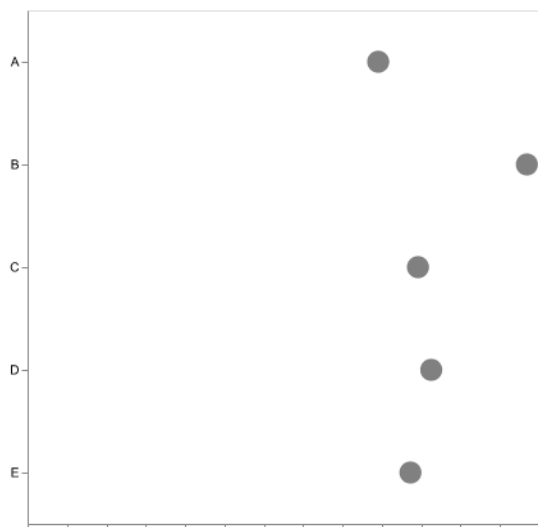which circle is an outlier relative to the rest in terms of position?
Options: B, E, C, A

Task:find_anomaly   Encoding:area

EncQA Question: which square is an outlier relative to the rest in terms of area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which square is an outlier relative to the rest in terms of area?
Options: B, E, A, D

EncQA Question: which circle is an outlier relative to the rest in terms of area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of area?
Options: C, B, A, E

EncQA Question: which circle is an outlier relative to the rest in terms of area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which circle is an outlier relative to the rest in terms of area?
Options: E, A, B, C

EncQA Question: which circle is an outlier relative to the rest in terms of area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
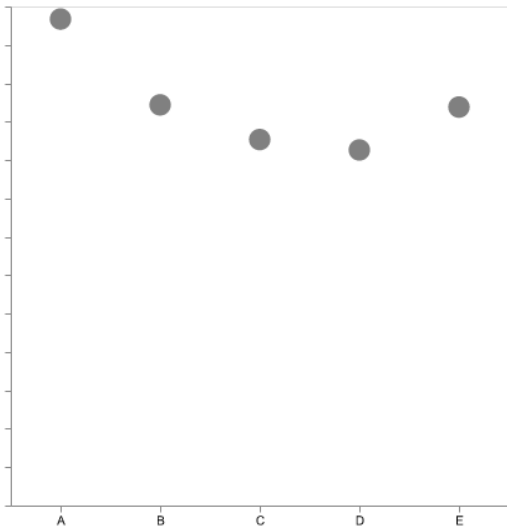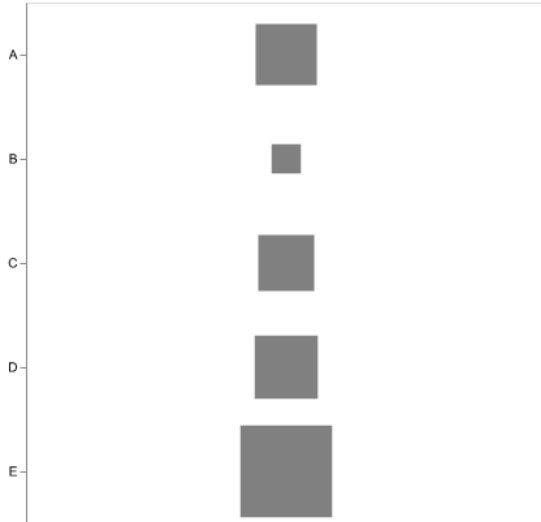which circle is an outlier relative to the rest in terms of area?
Options: E, D, A, C

EncQA Question: which circle is an outlier relative to the rest in terms of area?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
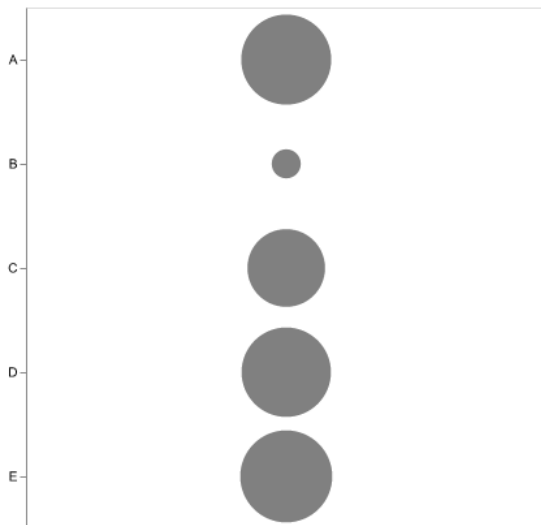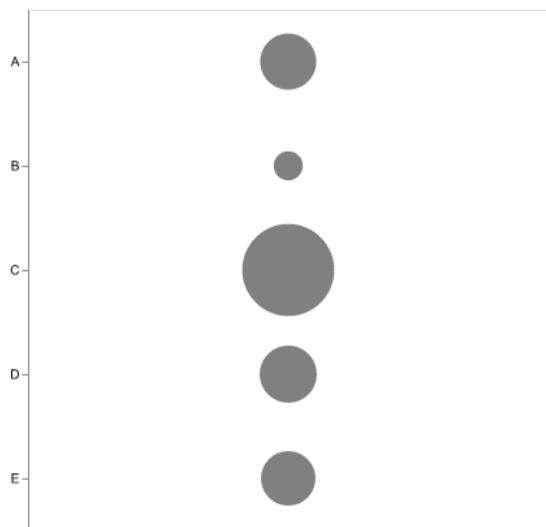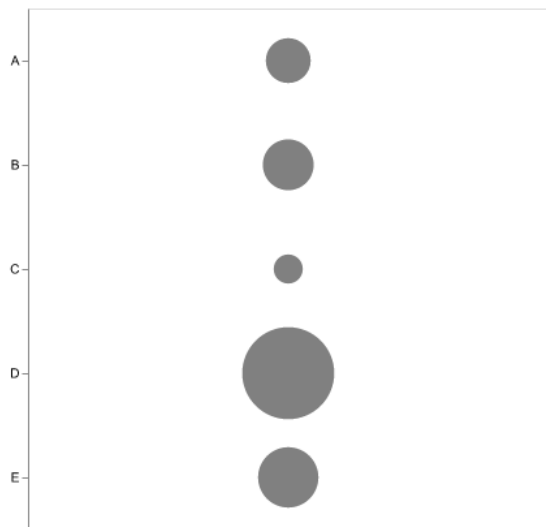which circle is an outlier relative to the rest in terms of area?
Options: B, C, A, E

Task:find_anomaly   Encoding:shape

EncQA Question: which shape is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape is an outlier relative to the rest in terms of the number of observations?
Options: triangle, square, circle

EncQA Question: which shape is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape is an outlier relative to the rest in terms of the number of observations?
Options: square, circle, triangle

EncQA Question: which shape is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape is an outlier relative to the rest in terms of the number of observations?
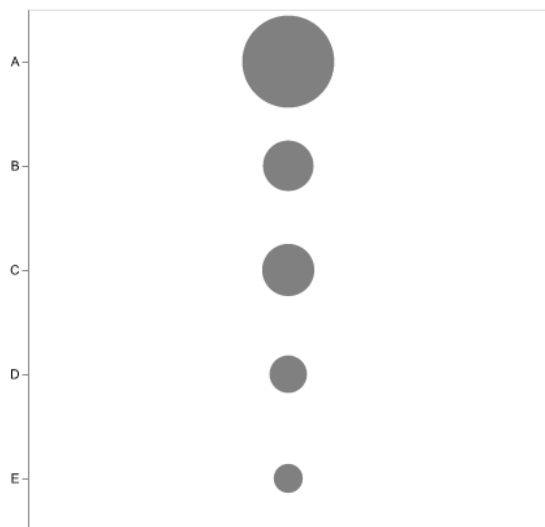Options: square, circle, triangle

EncQA Question: which shape is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
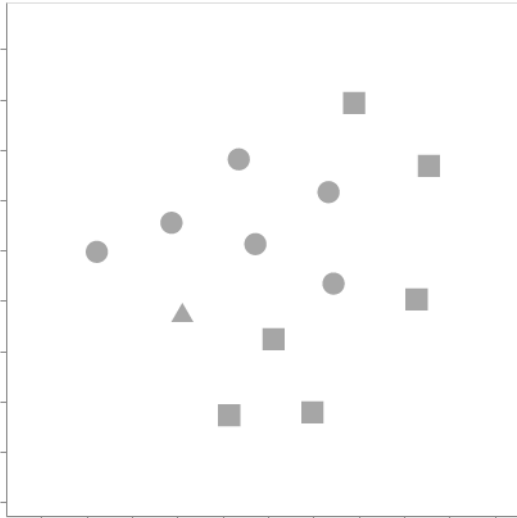which shape is an outlier relative to the rest in terms of the number of observations?
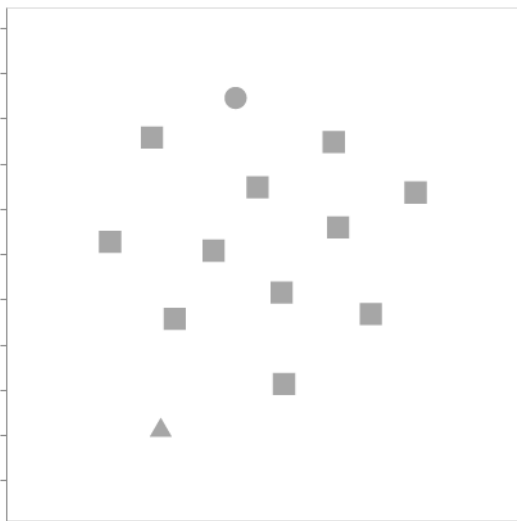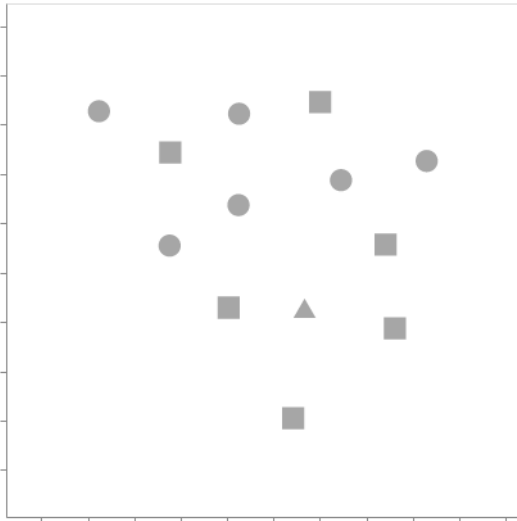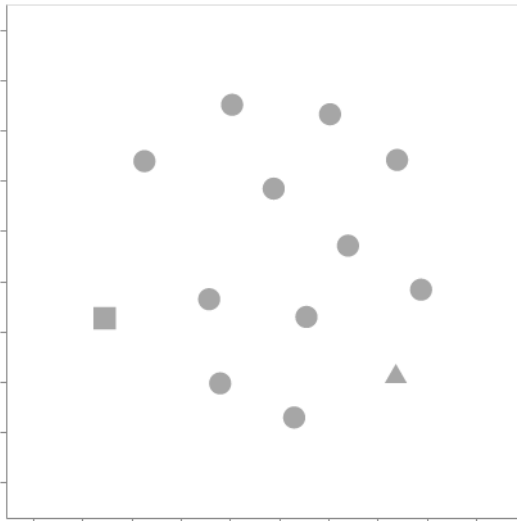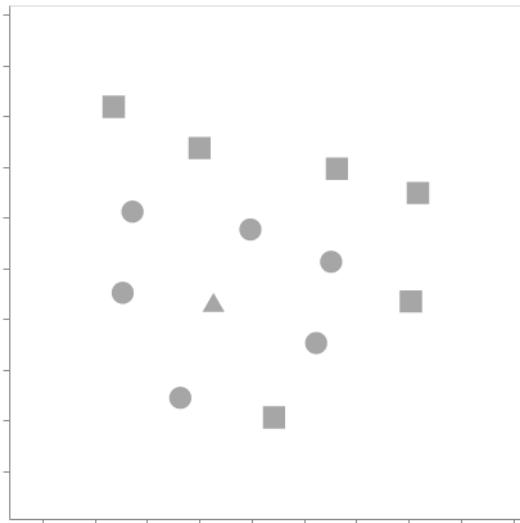Options: triangle, square, circle

EncQA Question: which shape is an outlier relative to the rest in terms of the number of observations?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which shape is an outlier relative to the rest in terms of the number of observations?
Options: square, triangle, circle

Task:find_anomaly   Encoding:length

EncQA Question: which bar is an outlier relative to the rest in terms of length?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is an outlier relative to the rest in terms of length?
Options: B, E, A, D

EncQA Question: which bar is an outlier relative to the rest in terms of length?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is an outlier relative to the rest in terms of length?
Options: E, B, D, C

EncQA Question: which bar is an outlier relative to the rest in terms of length?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is an outlier relative to the rest in terms of length?
Options: B, D, A, E

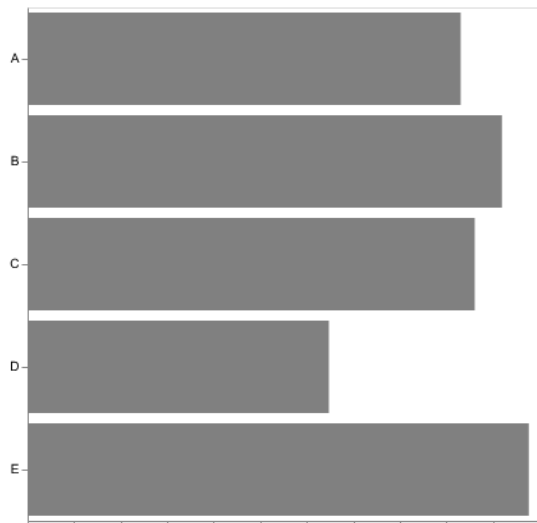
EncQA Question: which bar is an outlier relative to the rest in terms of length?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
which bar is an outlier relative to the rest in terms of length?
Options: C, D, E, A
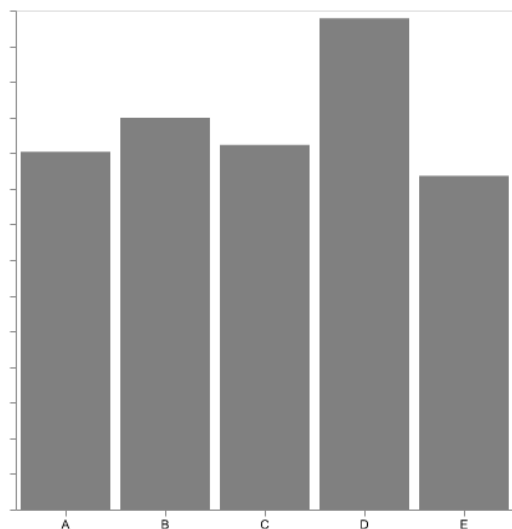
EncQA Question: which bar is an outlier relative to the rest in terms of length?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
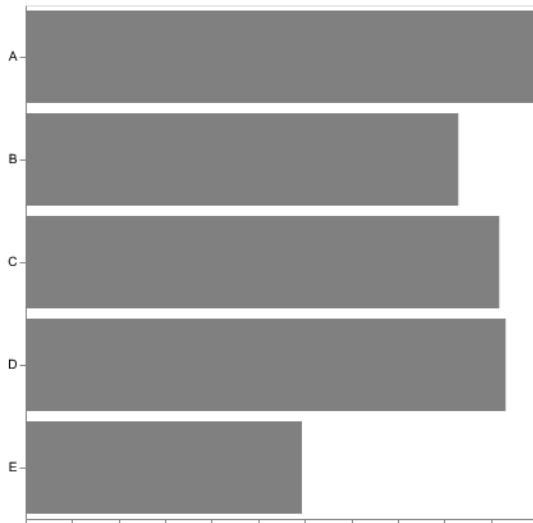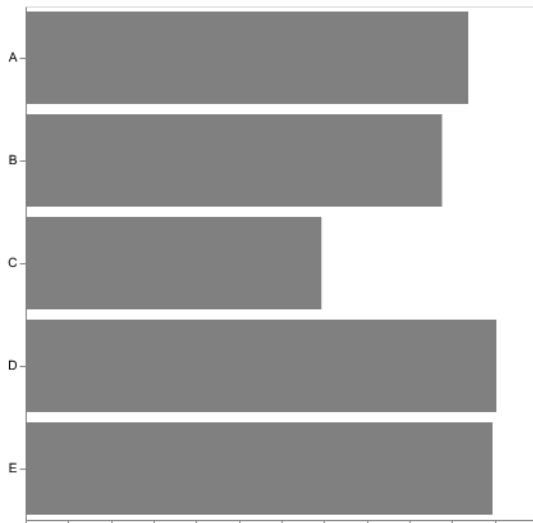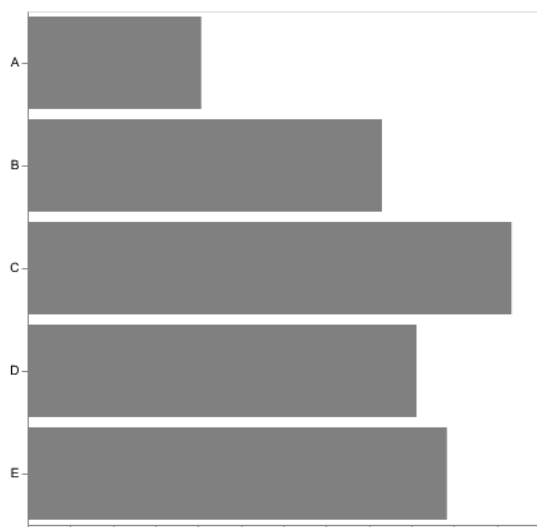which bar is an outlier relative to the rest in terms of length?
Options: A, E, D, B

Task:filter_values   Encoding:color_nominal
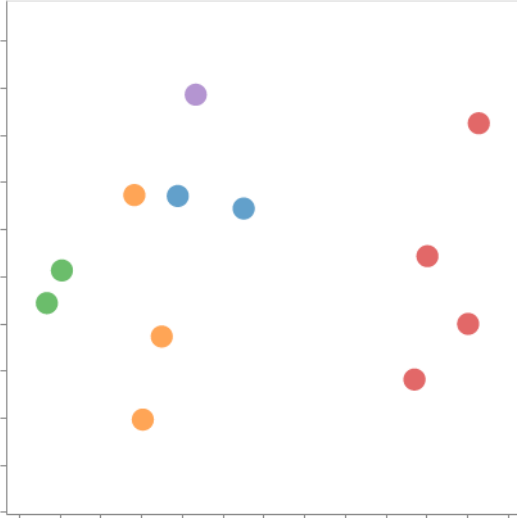
EncQA Question: Which color(s) have more than 3 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which color(s) have more than 3 observations?
Options: Orange, Green, Purple, Red, Blue

EncQA Question: Which color(s) have more than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which color(s) have more than 2 observations?
Options: Blue, Green, Red, Orange, Purple

EncQA Question: Which color(s) have fewer than 3 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which color(s) have fewer than 3 observations?
Options: Purple, Red, Green, Blue, Orange

EncQA Question: Which color(s) have fewer than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which color(s) have fewer than 2 observations?
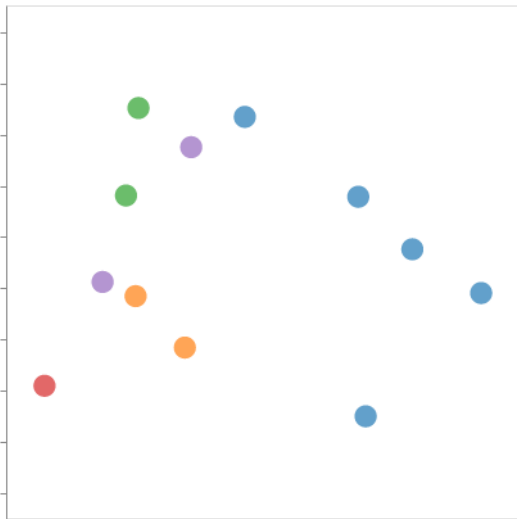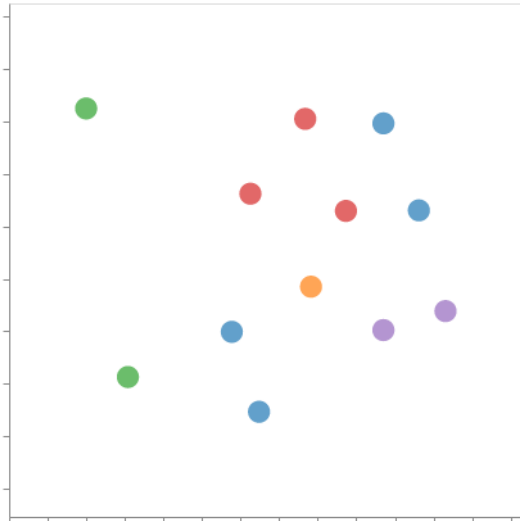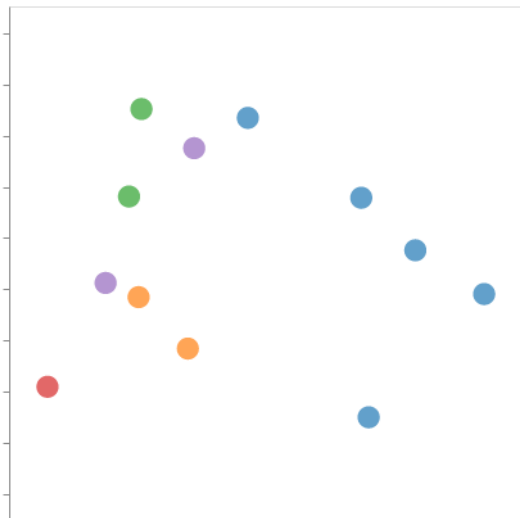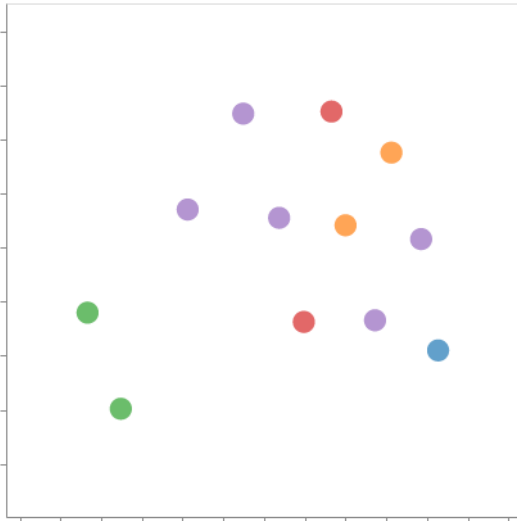Options: Red, Green, Blue, Purple, Orange

EncQA Question: Which color(s) have fewer than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which color(s) have fewer than 2 observations?
Options: Orange, Purple, Green, Blue, Red

Task:filter_values   Encoding:color_quantitative
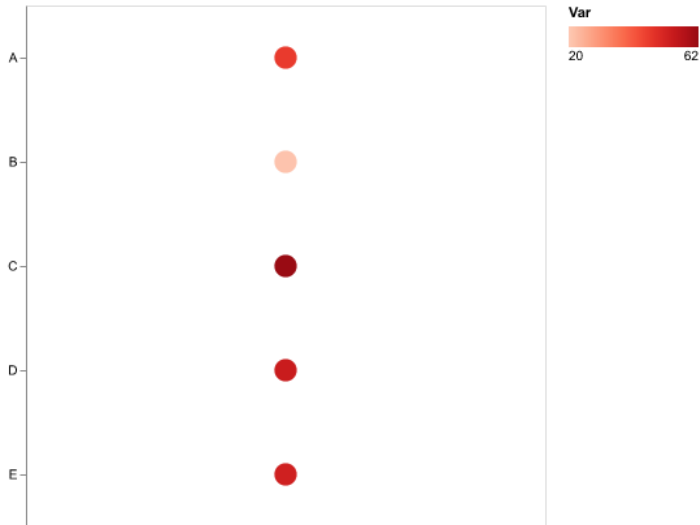
EncQA Question: Which circle(s) have a value of Var greater than 57?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 57?
Options: B, C, A, E, D

EncQA Question: Which circle(s) have a value of Var greater than 78?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 78?
Options: C, E, A, B, D

EncQA Question: Which circle(s) have a value of Var greater than 35?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 35?
Options: A, B, D, E, C

EncQA Question: Which circle(s) have a value of Var less than 35?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var less than 35?
Options: C, D, B, A, E

EncQA Question: Which circle(s) have a value of Var less than 32?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var less than 32?
Options: B, C, D, E, A
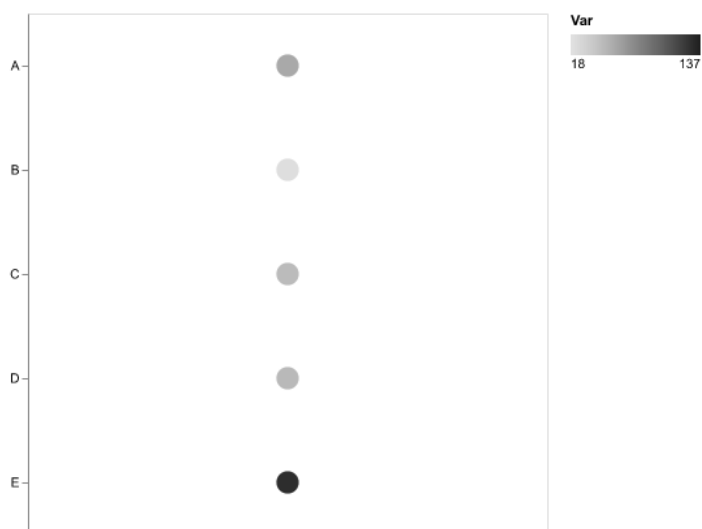
Task:filter_values   Encoding:position

EncQA Question: Which circle(s) have a value of Var greater than 55?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 55?
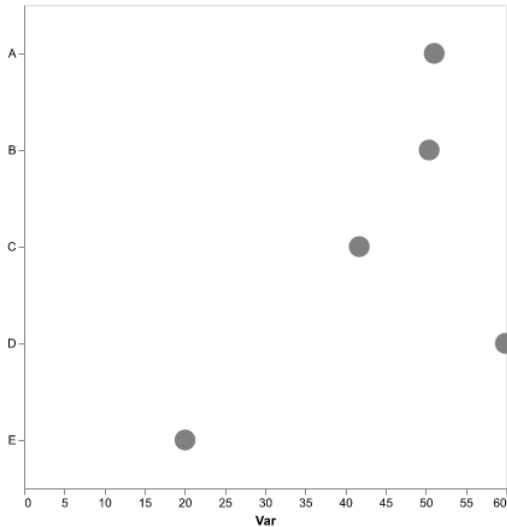Options: D, B, C, E, A

EncQA Question: Which circle(s) have a value of Var less than 82?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
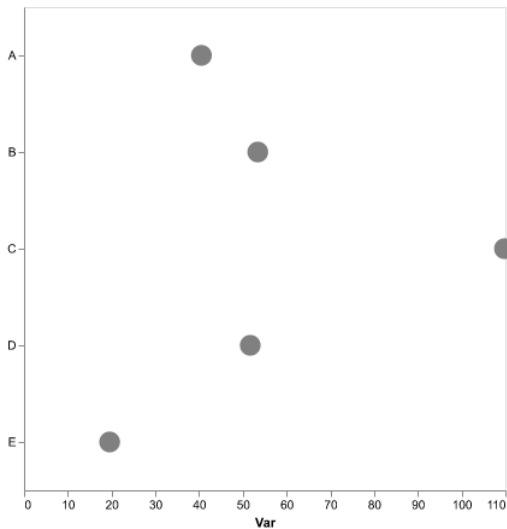Which circle(s) have a value of Var less than 82?
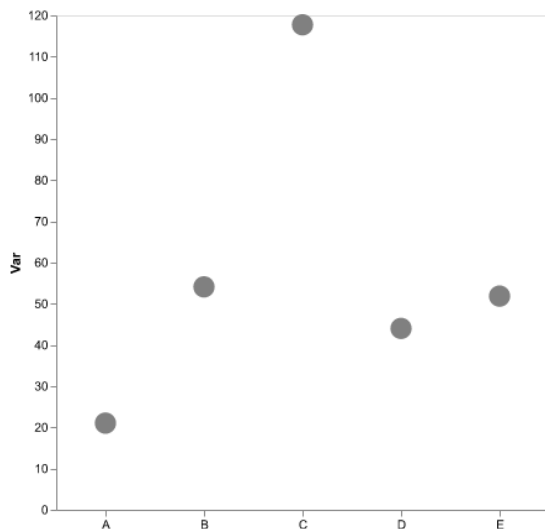Options: E, A, D, C, B

EncQA Question: Which circle(s) have a value of Var less than 33?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var less than 33?
Options: A, B, D, E, C

EncQA Question: Which circle(s) have a value of Var greater than 86?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 86?
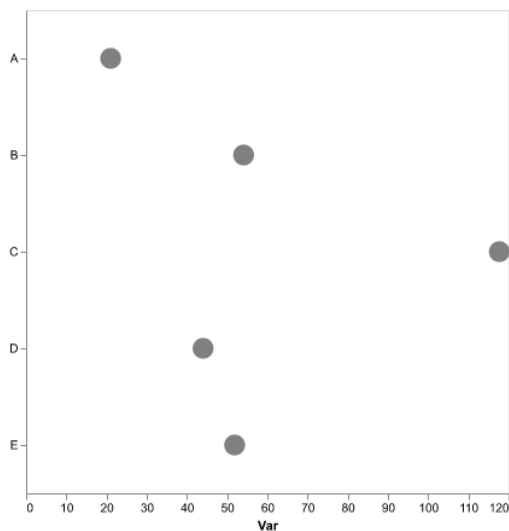Options: A, E, B, C, D

EncQA Question: Which circle(s) have a value of Var greater than 31?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 31?
Options: C, A, D, E, B
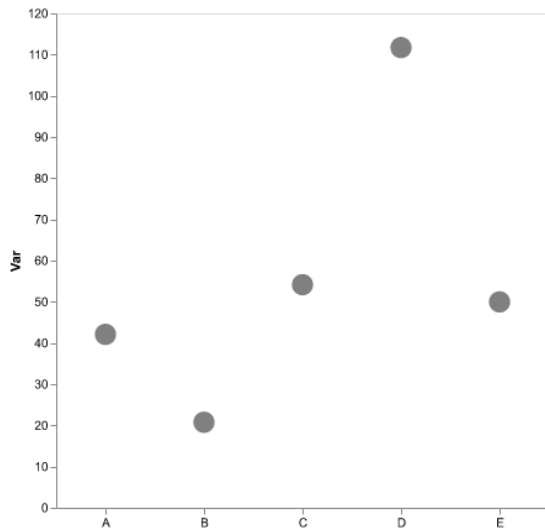
Task:filter_values   Encoding:area

EncQA Question: Which square(s) have a value of Var greater than 33?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which square(s) have a value of Var greater than 33?
Options: A, E, C, D, B

EncQA Question: Which square(s) have a value of Var less than 41?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which square(s) have a value of Var less than 41?
Options: D, A, B, E, C

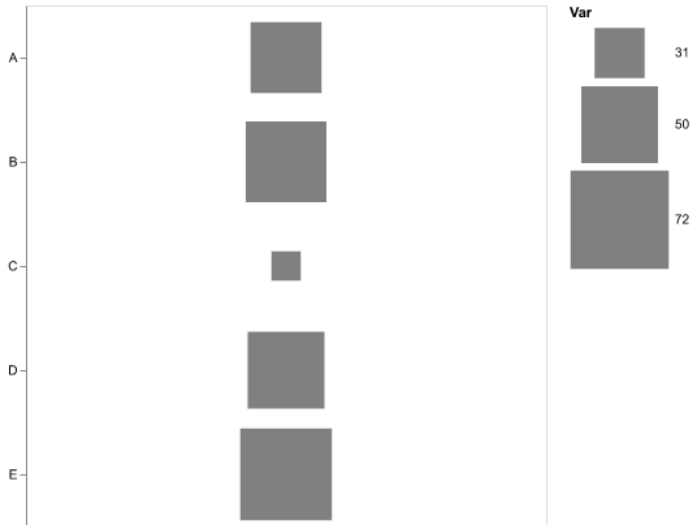EncQA Question: Which circle(s) have a value of Var less than 35?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var less than 35?
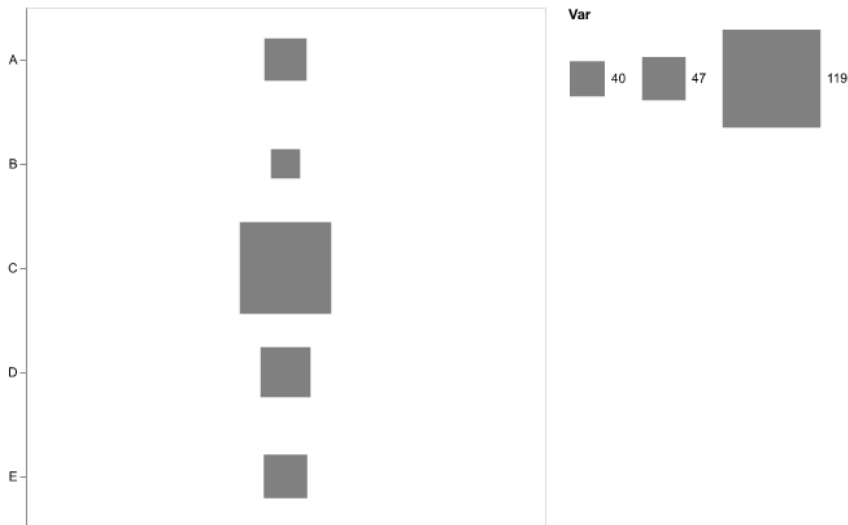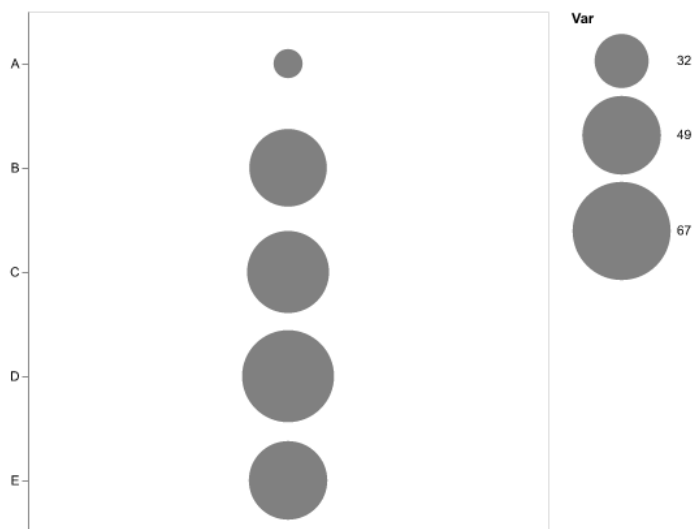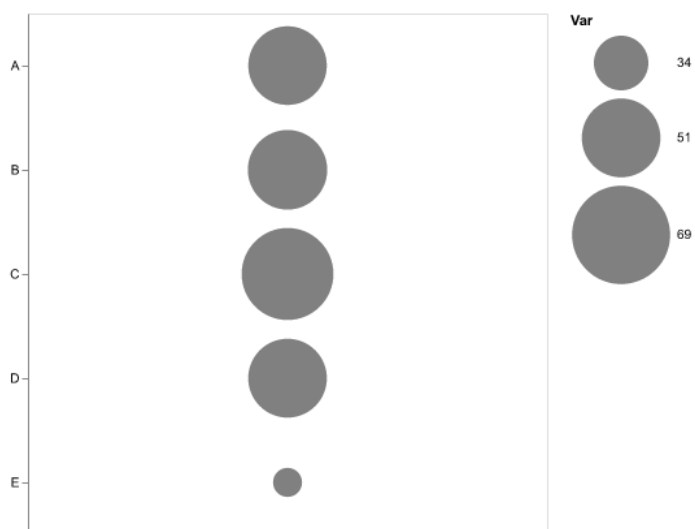Options: C, B, A, D, E

EncQA Question: Which circle(s) have a value of Var greater than 37?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which circle(s) have a value of Var greater than 37?
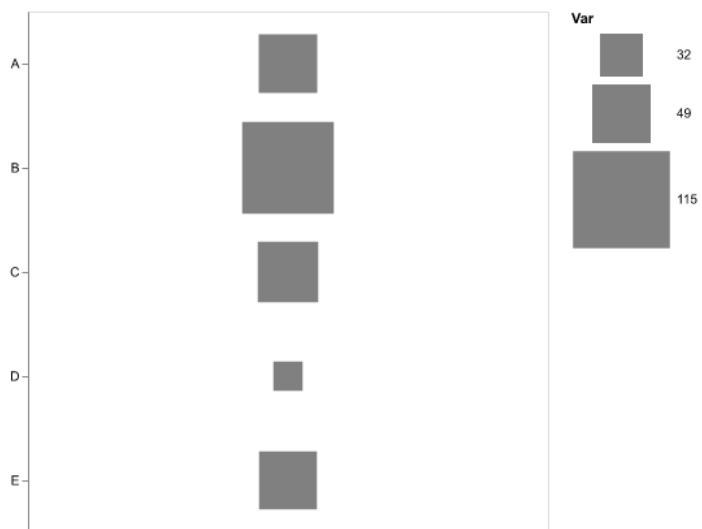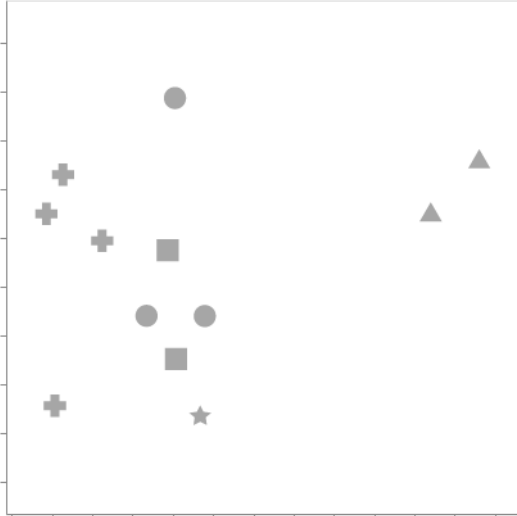Options: C, D, B, E, A

EncQA Question: Which square(s) have a value of Var greater than 35?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which square(s) have a value of Var greater than 35?
Options: C, D, E, A, B

Task:filter_values   Encoding:shape

EncQA Question: Which shape(s) have more than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which shape(s) have more than 2 observations?
Options: cross, circle, star, square, triangle

EncQA Question: Which shape(s) has fewer than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which shape(s) has fewer than 2 observations?
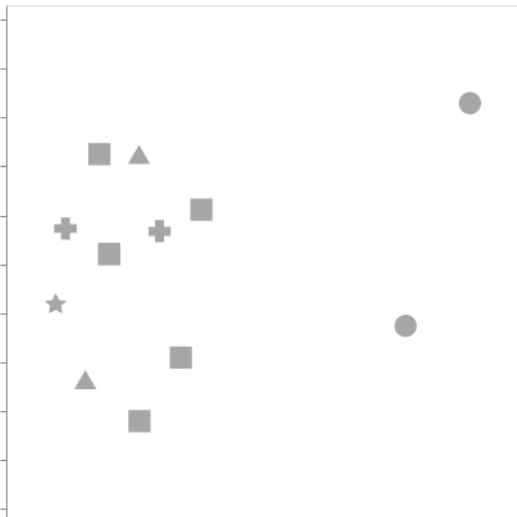Options: triangle, star, square, circle, cross

EncQA Question: Which shape(s) have more than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which shape(s) have more than 2 observations?
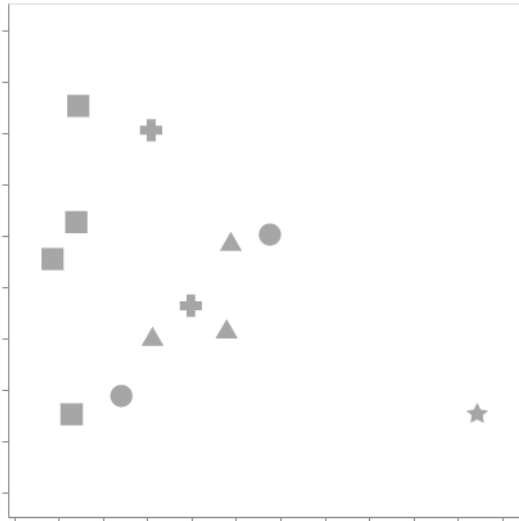Options: triangle, cross, circle, square, star

EncQA Question: Which shape(s) have more than 3 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which shape(s) have more than 3 observations?
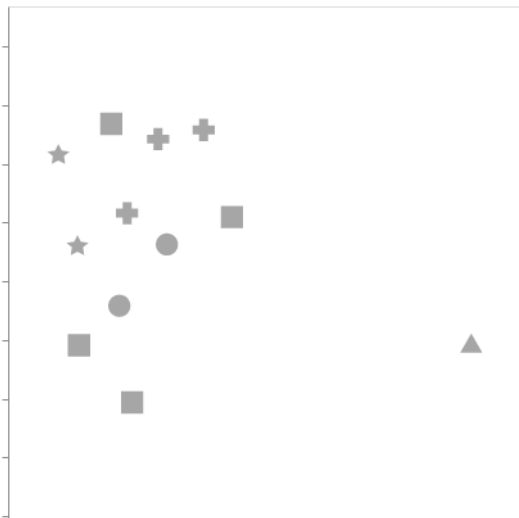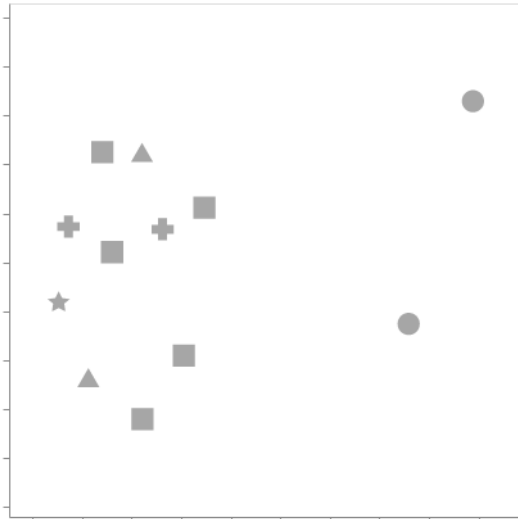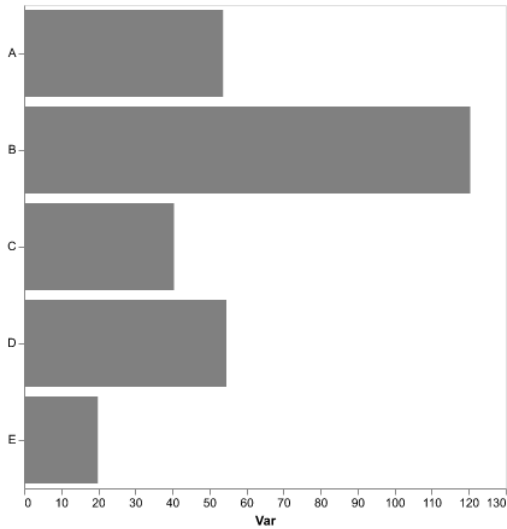Options: square, star, cross, triangle, circle

EncQA Question: Which shape(s) have more than 2 observations?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which shape(s) have more than 2 observations?
Options: square, circle, cross, triangle, star
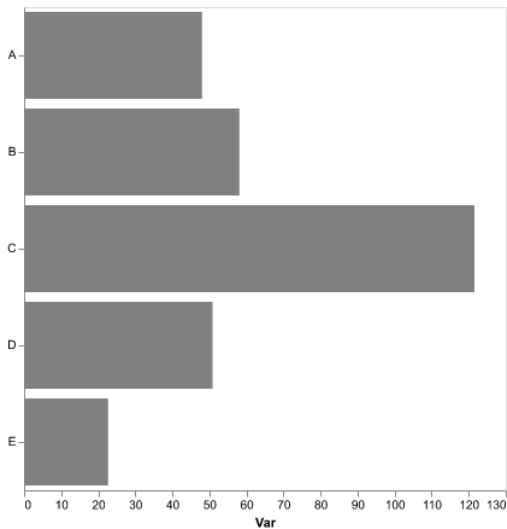
Task:filter_values   Encoding:length

EncQA Question: Which bar(s) have a value of Var greater than 30?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which bar(s) have a value of Var greater than 30?
Options: C, D, E, B, A

EncQA Question: Which bar(s) have a value of Var less than 90?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which bar(s) have a value of Var less than 90?
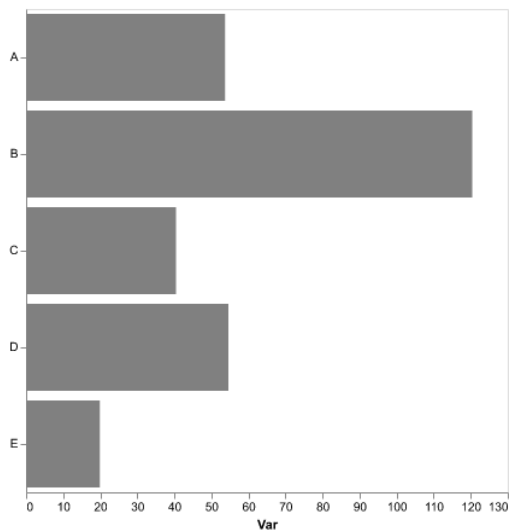Options: E, C, D, B, A

EncQA Question: Which bar(s) have a value of Var less than 88?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which bar(s) have a value of Var less than 88?
Options: C, B, E, A, D

EncQA Question: Which bar(s) have a value of Var greater than 82?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which bar(s) have a value of Var greater than 82?
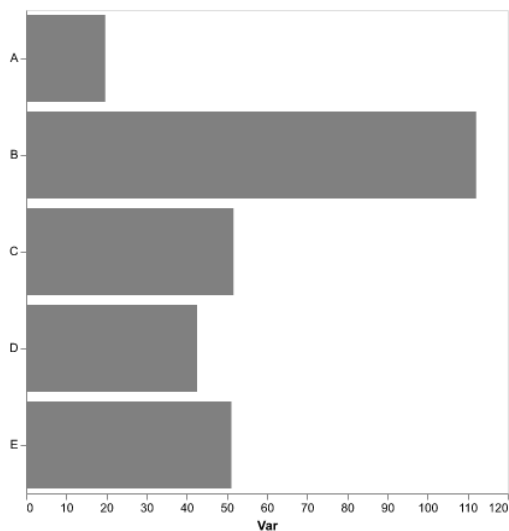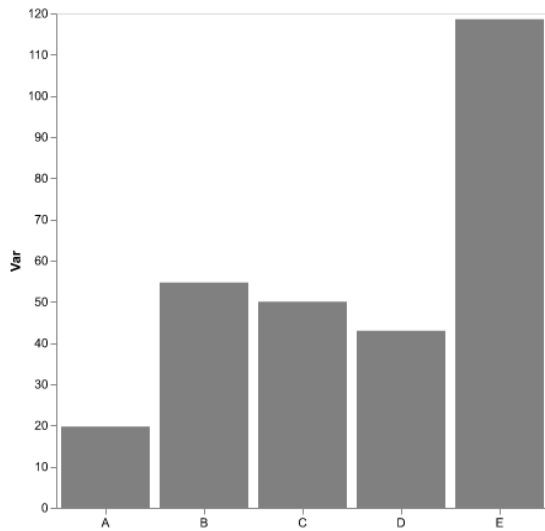Options: A, D, B, C, E

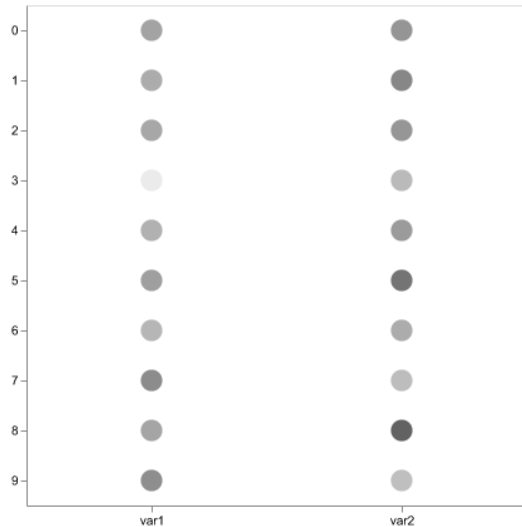EncQA Question: Which bar(s) have a value of Var less than 31?

Formatted Text Prompt: Answer choosing only from the options provided, your answer should be just a simple comma separated list.
Which bar(s) have a value of Var less than 31?
Options: C, A, D, B, E

Task:correlate_values   Encoding:color_quantitative

EncQA Question: Are the lightness of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lightness of the circles for var1 and var2 correlated?
Options: yes, no

EncQA Question: Are the lightness of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lightness of the circles for var1 and var2 correlated?
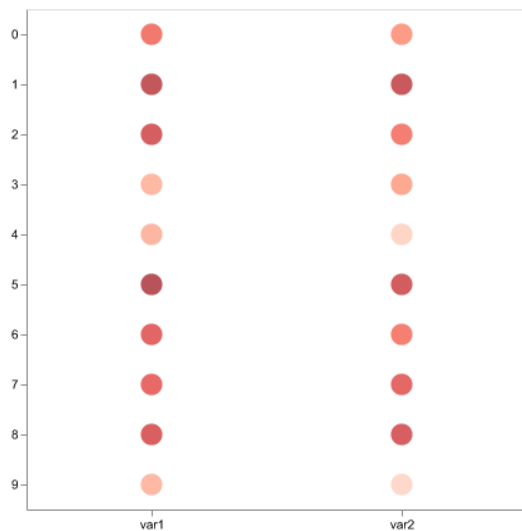Options: yes, no

EncQA Question: Are the lightness of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
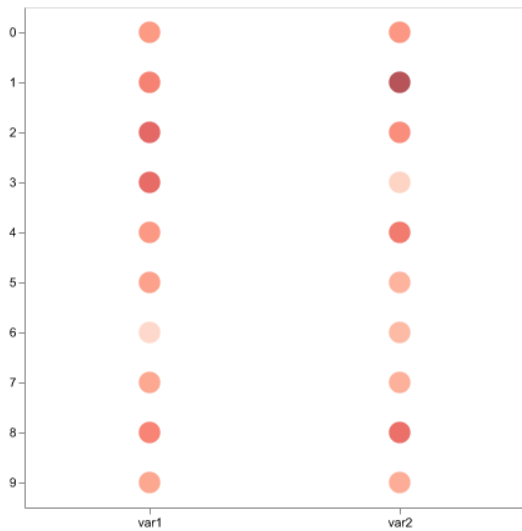Are the lightness of the circles for var1 and var2 correlated?
Options: no, yes

EncQA Question: Are the lightness of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lightness of the circles for var1 and var2 correlated?
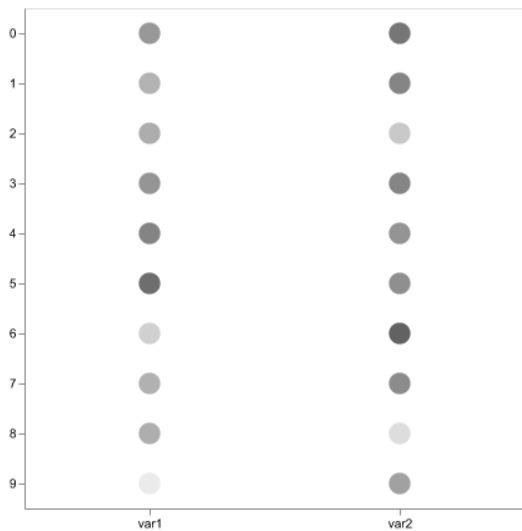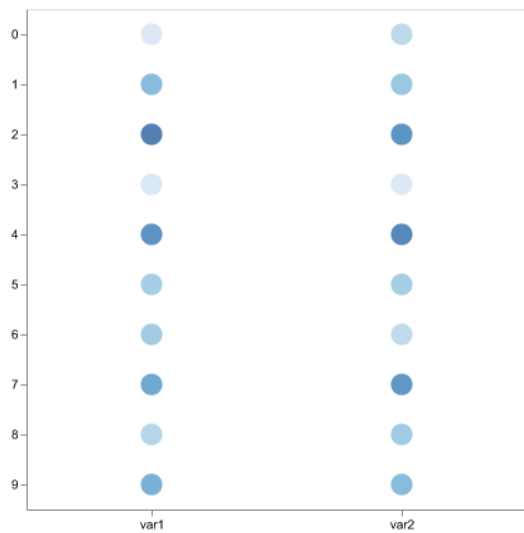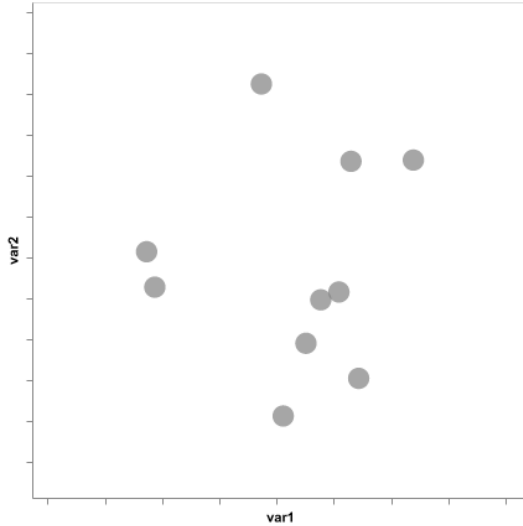Options: yes, no

EncQA Question: Are the lightness of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lightness of the circles for var1 and var2 correlated?
Options: yes, no

Task:correlate_values   Encoding:position

EncQA Question: Are var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are var1 and var2 correlated?
Options: yes, no

EncQA Question: Are var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are var1 and var2 correlated?
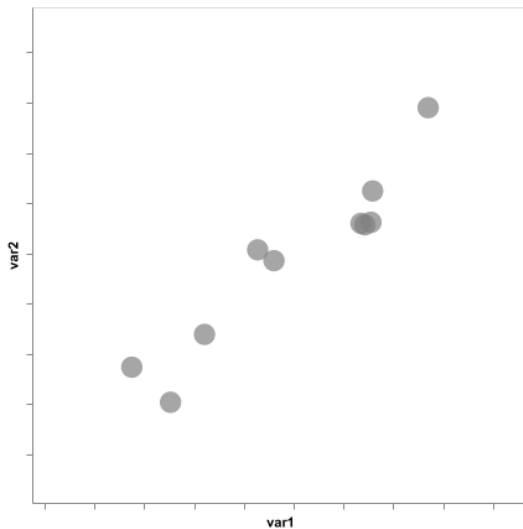Options: yes, no

EncQA Question: Are var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
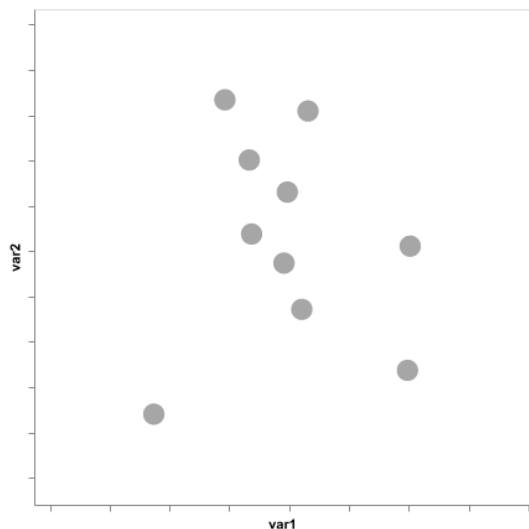Are var1 and var2 correlated?
Options: no, yes

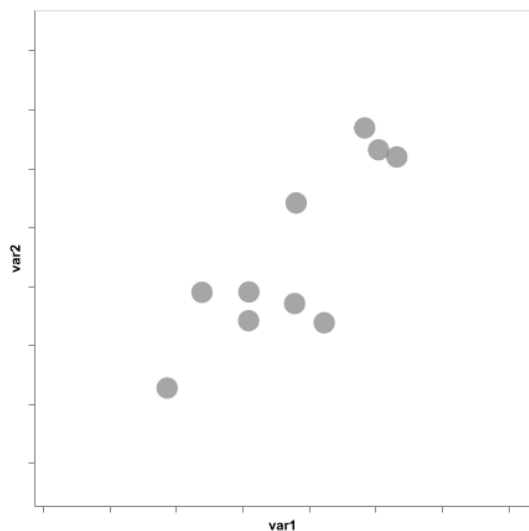

EncQA Question: Are var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are var1 and var2 correlated?
Options: no, yes
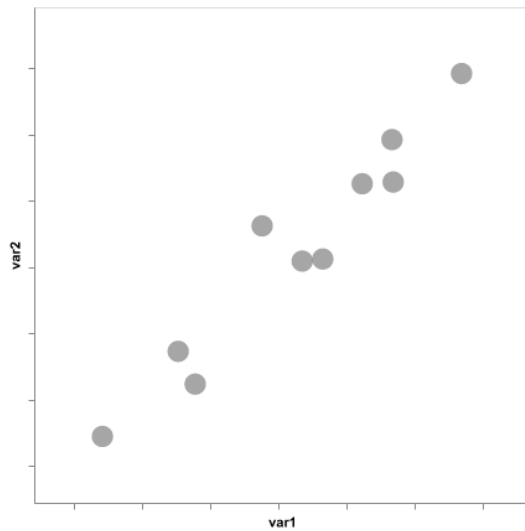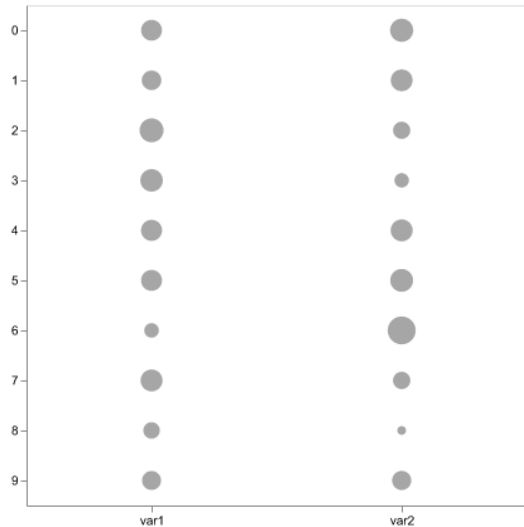
EncQA Question: Are var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are var1 and var2 correlated?
Options: no, yes
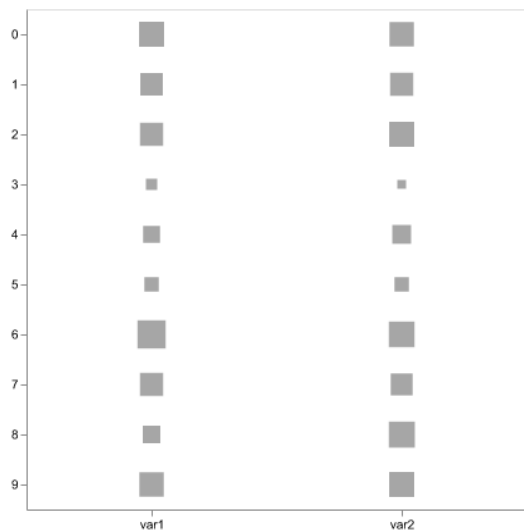
Task:correlate_values   Encoding:area

EncQA Question: Are the areas of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the areas of the circles for var1 and var2 correlated?
Options: yes, no

EncQA Question: Are the areas of the squares for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the areas of the squares for var1 and var2 correlated?
Options: no, yes

EncQA Question: Are the areas of the squares for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the areas of the squares for var1 and var2 correlated?
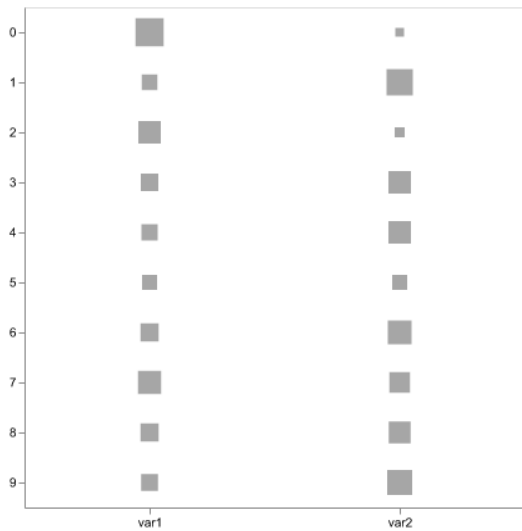Options: yes, no

EncQA Question: Are the areas of the squares for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
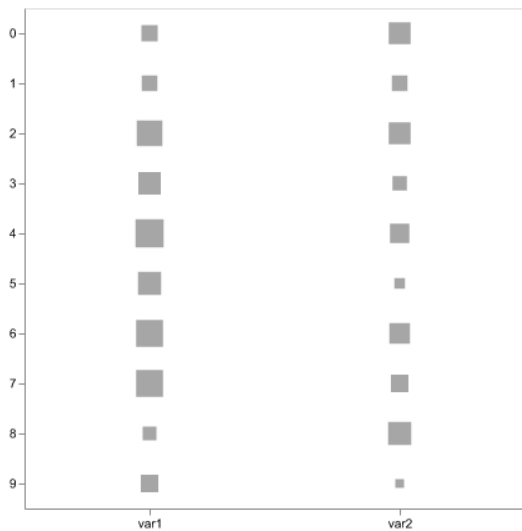Are the areas of the squares for var1 and var2 correlated?
Options: yes, no
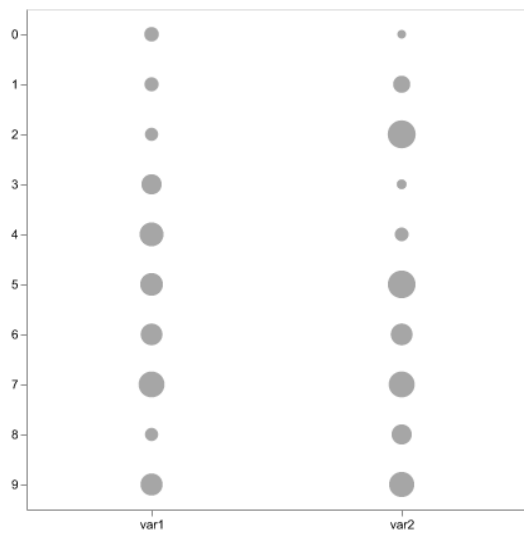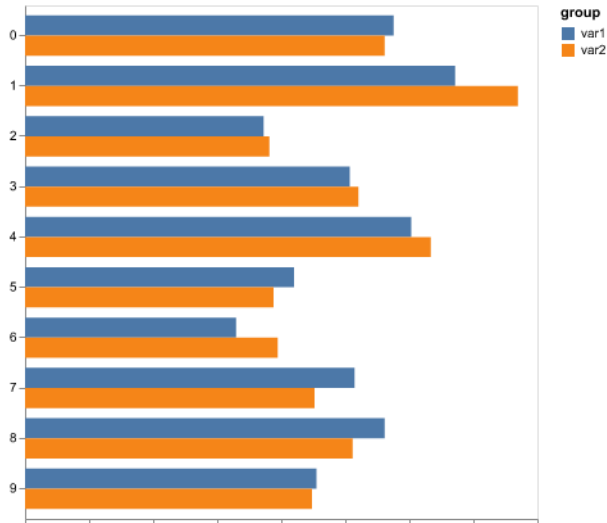
EncQA Question: Are the areas of the circles for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the areas of the circles for var1 and var2 correlated?
Options: no, yes

Task:correlate_values   Encoding:length

EncQA Question: Are the lengths of the bars for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lengths of the bars for var1 and var2 correlated?
Options: yes, no

EncQA Question: Are the lengths of the bars for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lengths of the bars for var1 and var2 correlated?
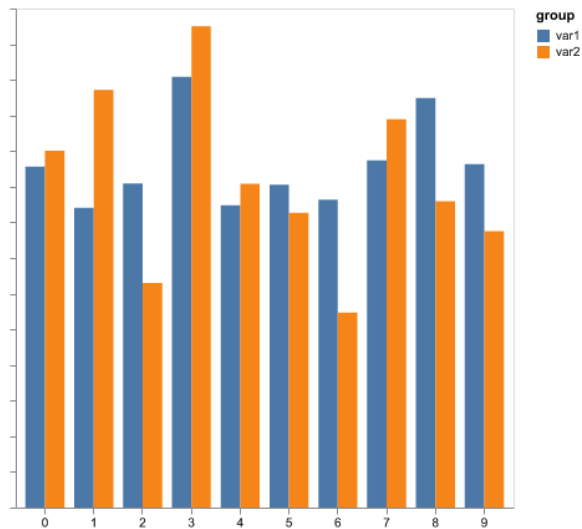Options: no, yes

EncQA Question: Are the lengths of the bars for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lengths of the bars for var1 and var2 correlated?
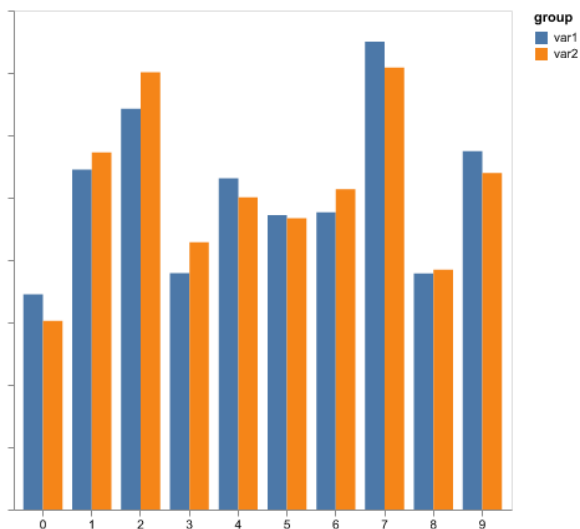Options: no, yes

EncQA Question: Are the lengths of the bars for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lengths of the bars for var1 and var2 correlated?
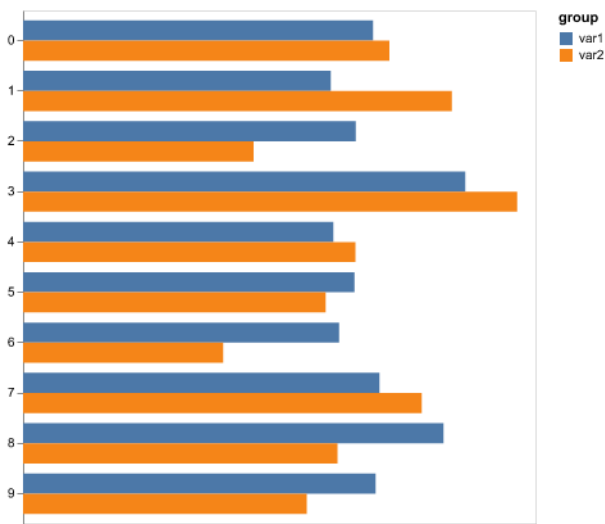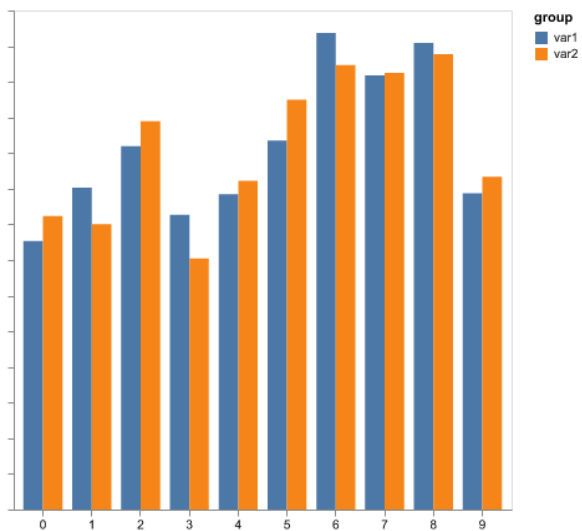Options: no, yes

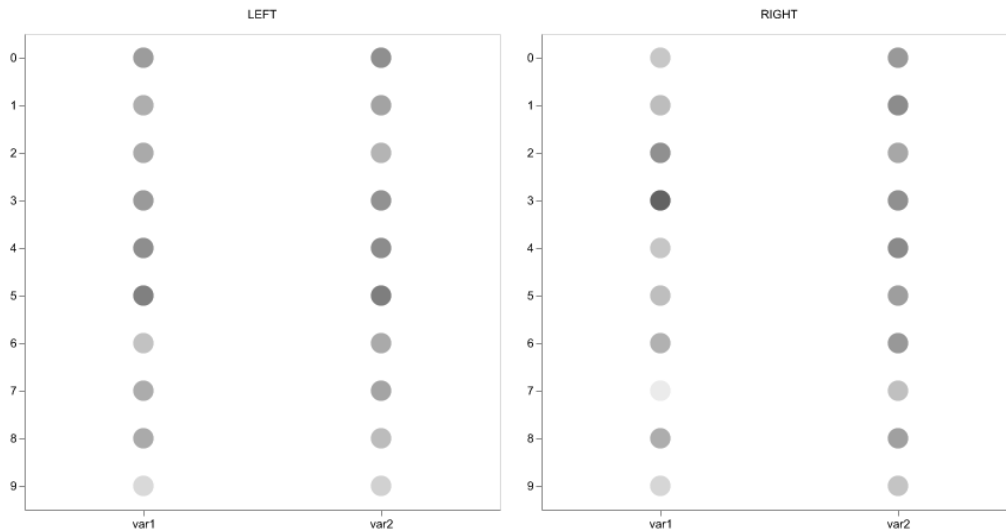EncQA Question: Are the lengths of the bars for var1 and var2 correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Are the lengths of the bars for var1 and var2 correlated?
Options: yes, no

Task:correlate_values_relative   Encoding:color_quantitative

EncQA Question: In which chart are the lightness of the cirlces for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lightness of the cirlces for var1 and var2 more correlated?
Options: RIGHT, LEFT

EncQA Question: In which chart are the lightness of the cirlces for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lightness of the cirlces for var1 and var2 more correlated?
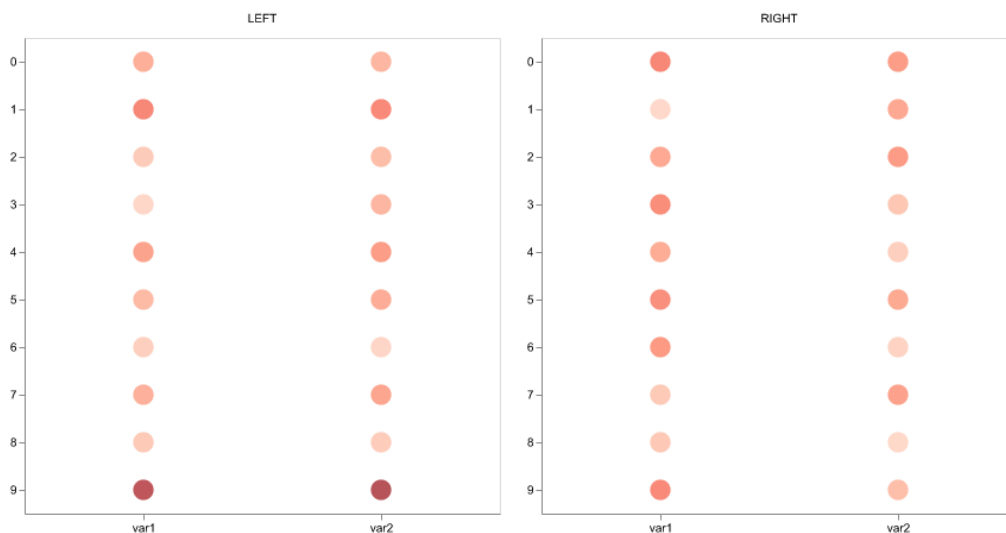Options: RIGHT, LEFT

EncQA Question: In which chart are the lightness of the cirlces for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lightness of the cirlces for var1 and var2 more correlated?
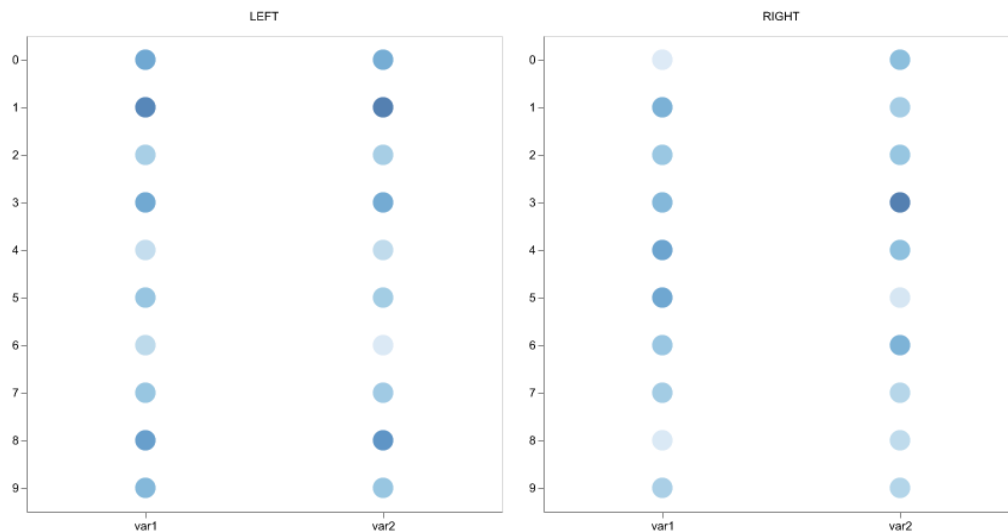Options: LEFT, RIGHT

EncQA Question: In which chart are the lightness of the cirlces for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lightness of the cirlces for var1 and var2 more correlated?
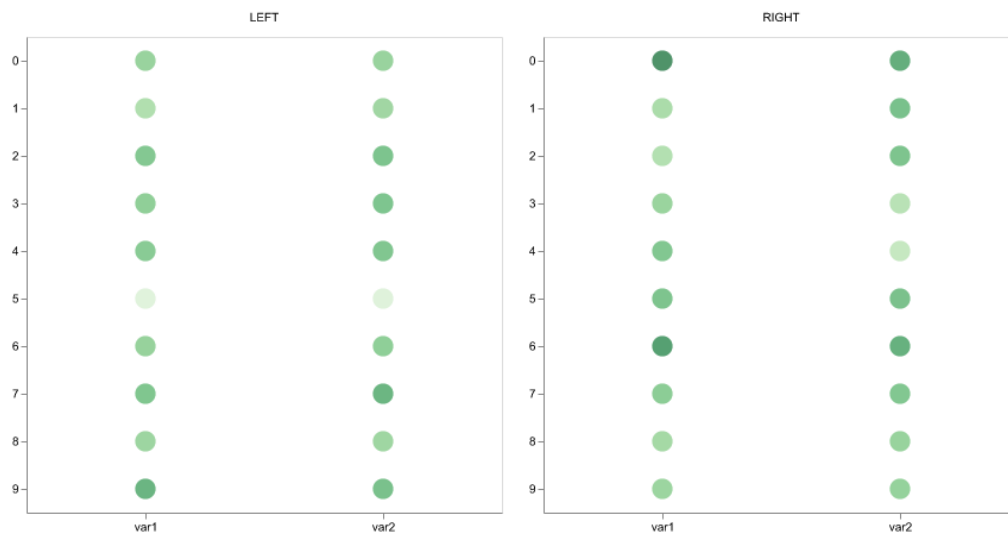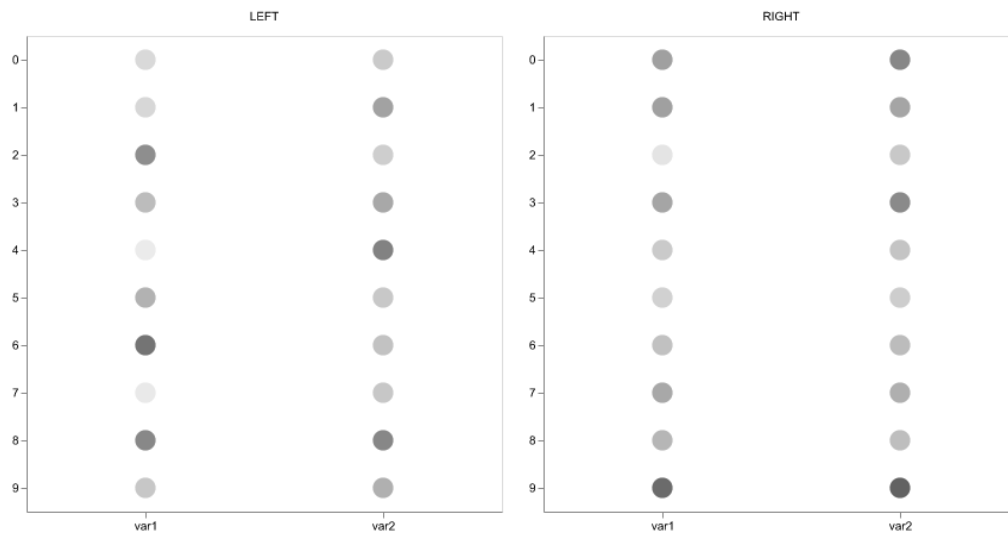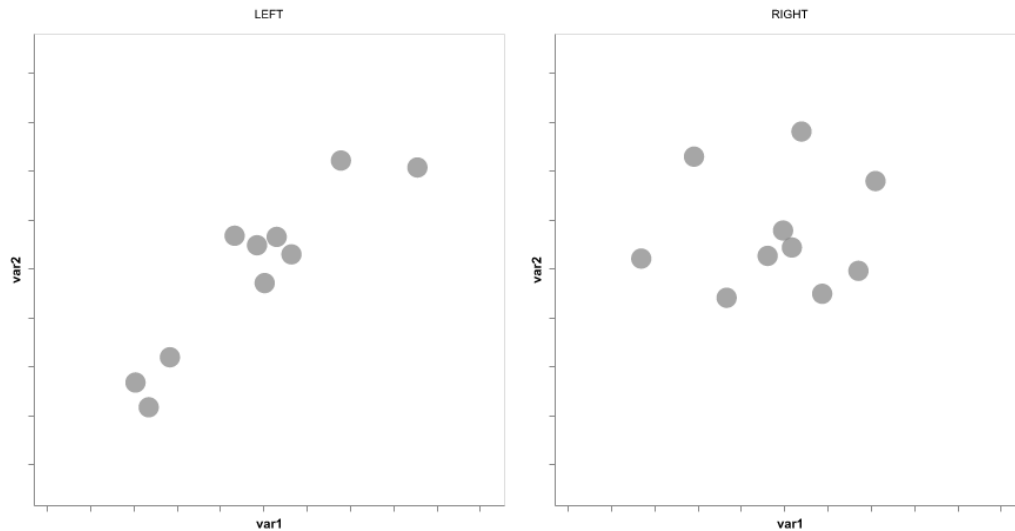Options: LEFT, RIGHT

EncQA Question: In which chart are the lightness of the cirlces for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lightness of the cirlces for var1 and var2 more correlated?
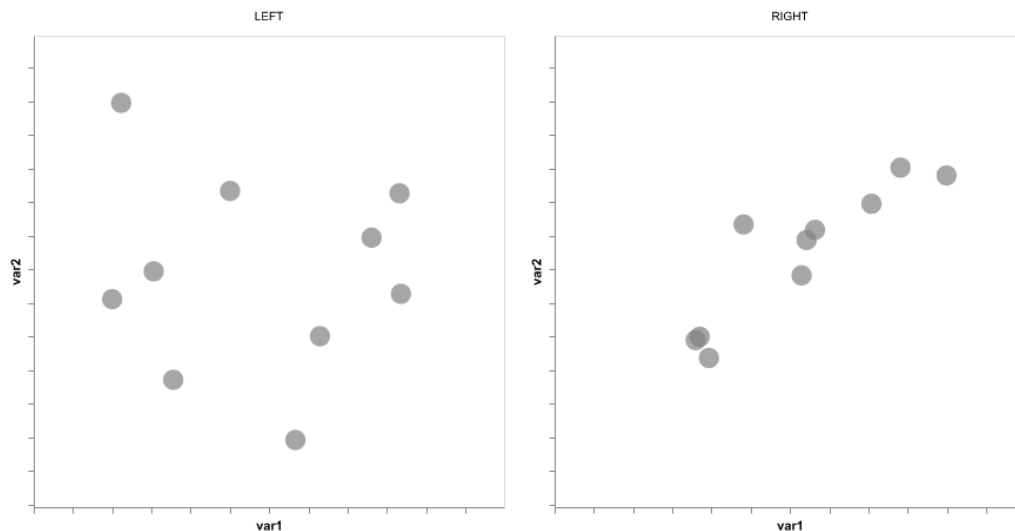Options: RIGHT, LEFT

Task:correlate_values_relative   Encoding:position

LEFT

RIGHT

EncQA Question: In which chart are var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are var1 and var2 more correlated?
Options: RIGHT, LEFT

LEFT

RIGHT

EncQA Question: In which chart are var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are var1 and var2 more correlated?
Options: LEFT, RIGHT

LEFT · RIGHT

EncQA Question: In which chart are var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are var1 and var2 more correlated?
Options: LEFT, RIGHT

LEFT · RIGHT

EncQA Question: In which chart are var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
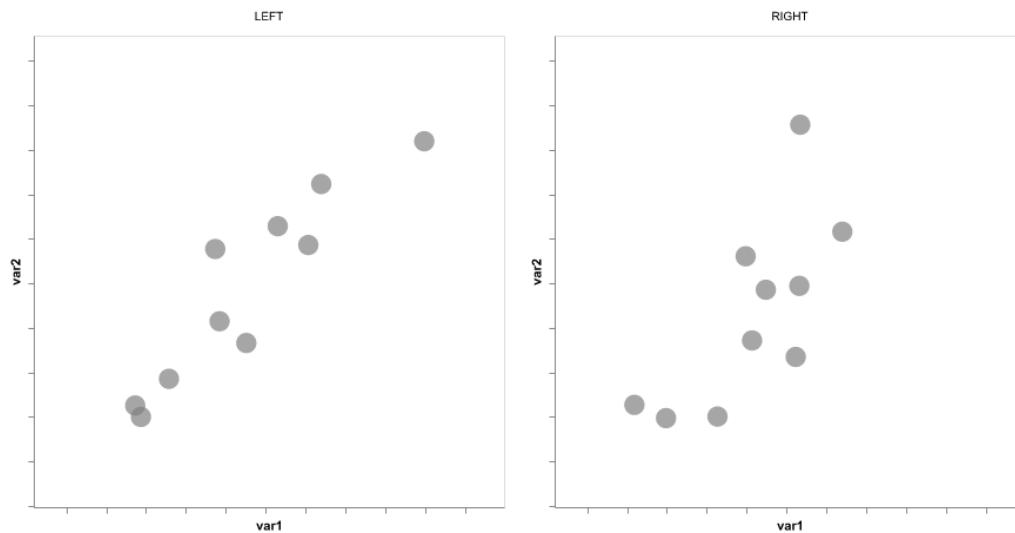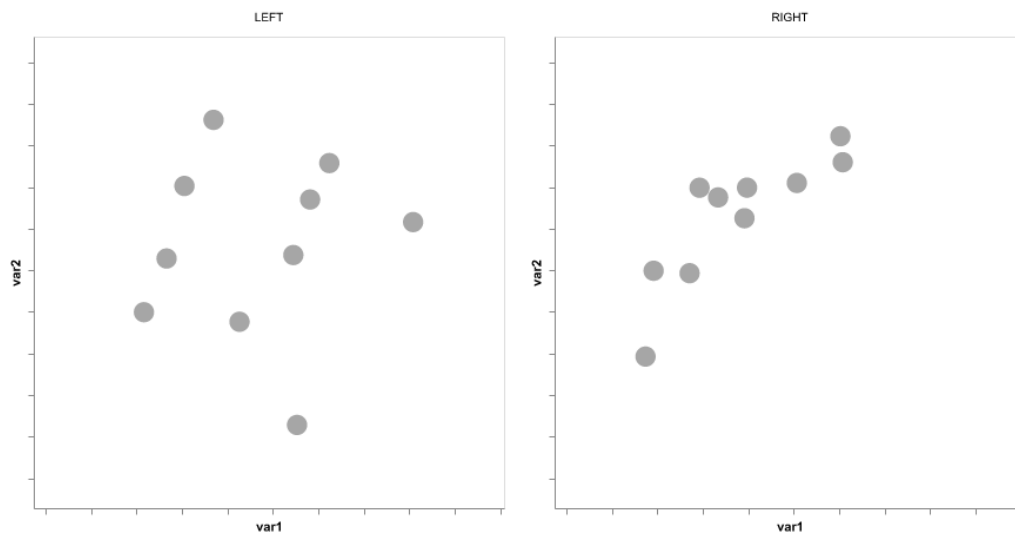In which chart are var1 and var2 more correlated?
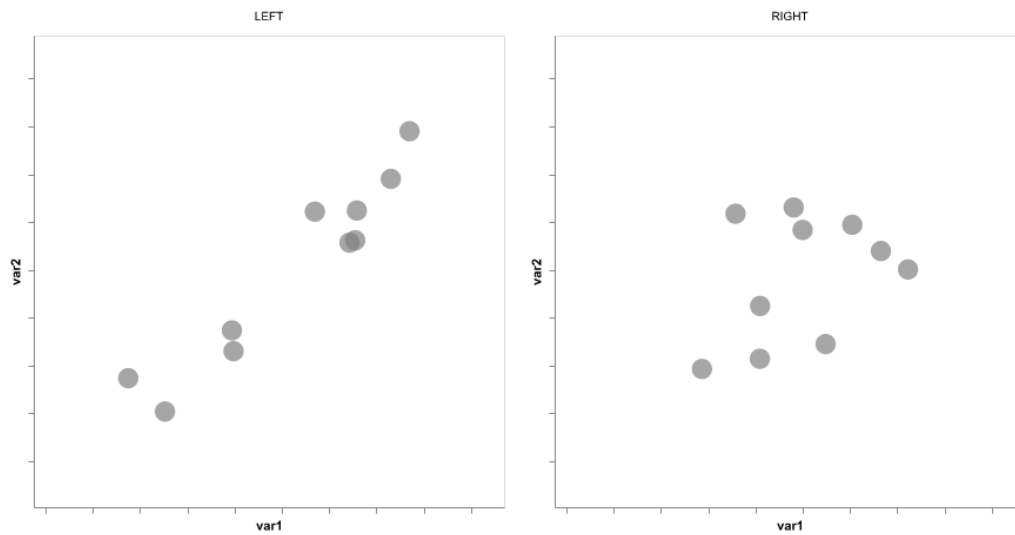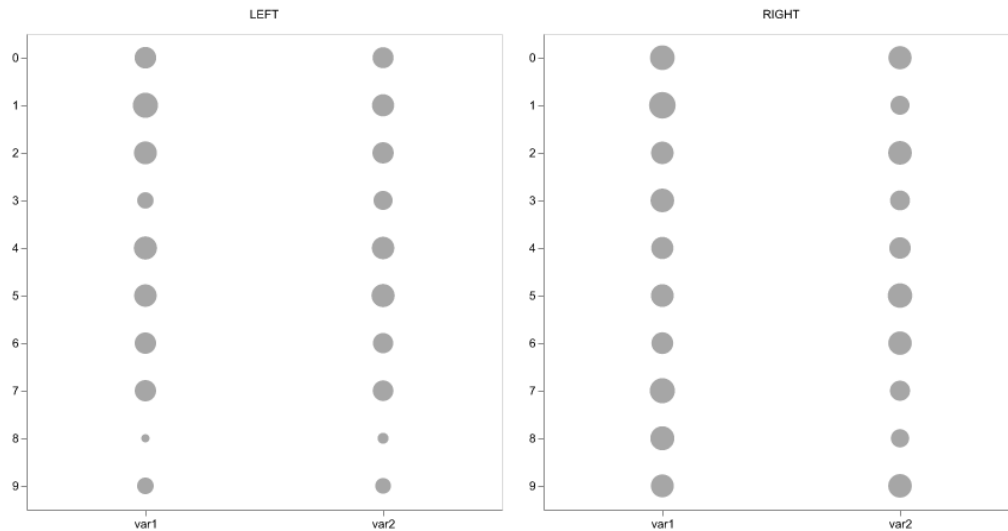Options: RIGHT, LEFT

EncQA Question: In which chart are var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are var1 and var2 more correlated?
Options: RIGHT, LEFT

Task:correlate_values_relative   Encoding:area

LEFT

RIGHT

EncQA Question: In which chart are the areas of the circles for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the circles for var1 and var2 more correlated?
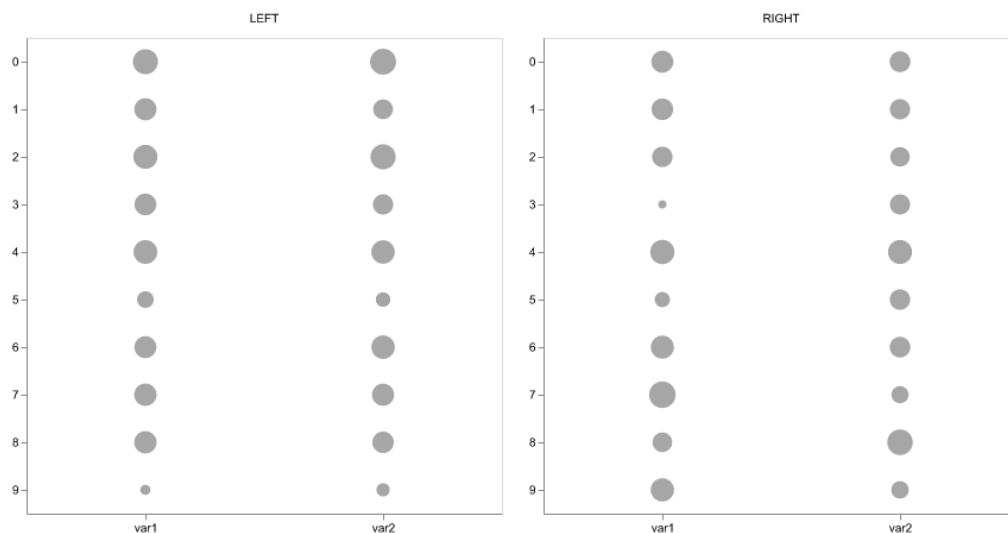Options: RIGHT, LEFT

LEFT

RIGHT

EncQA Question: In which chart are the areas of the circles for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the circles for var1 and var2 more correlated?
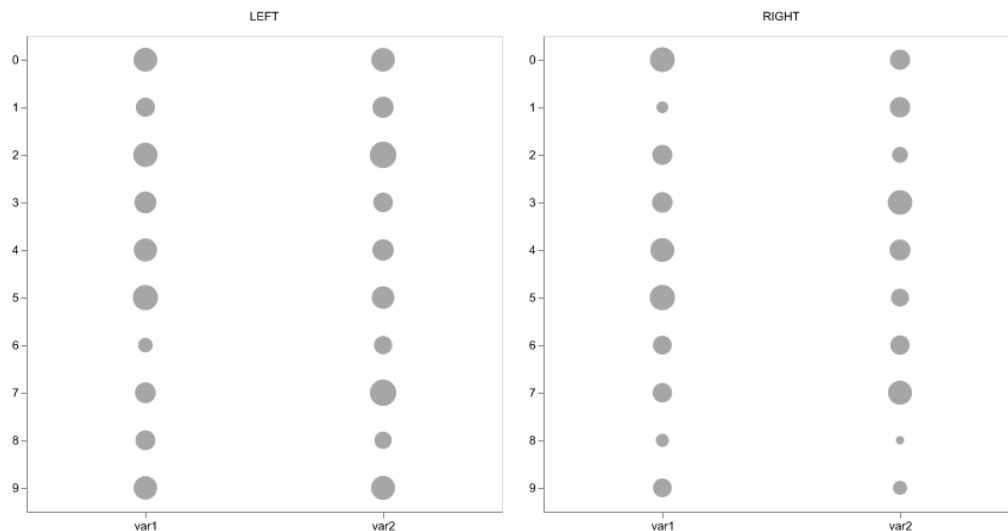Options: RIGHT, LEFT

EncQA Question: In which chart are the areas of the circles for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the circles for var1 and var2 more correlated?
Options: RIGHT, LEFT

EncQA Question: In which chart are the areas of the squares for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the squares for var1 and var2 more correlated?
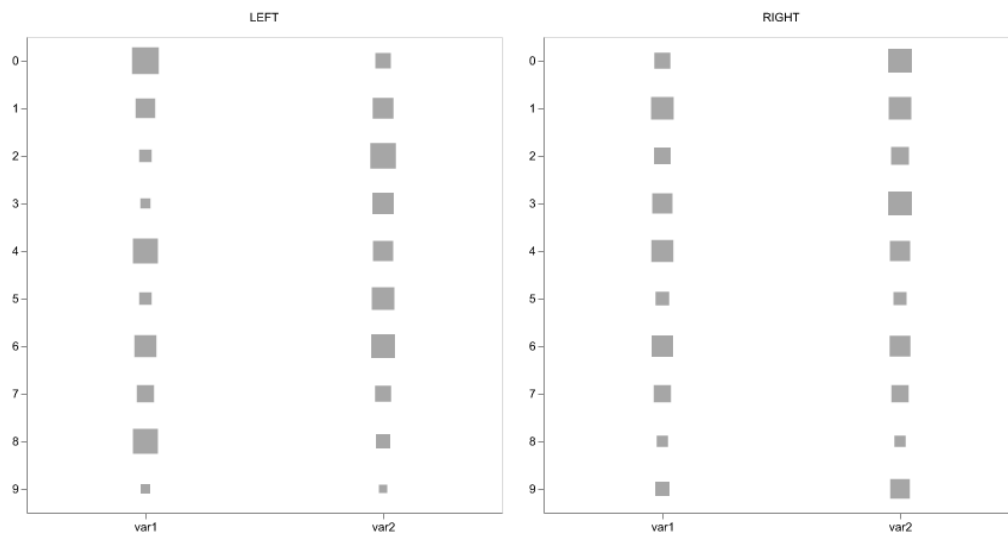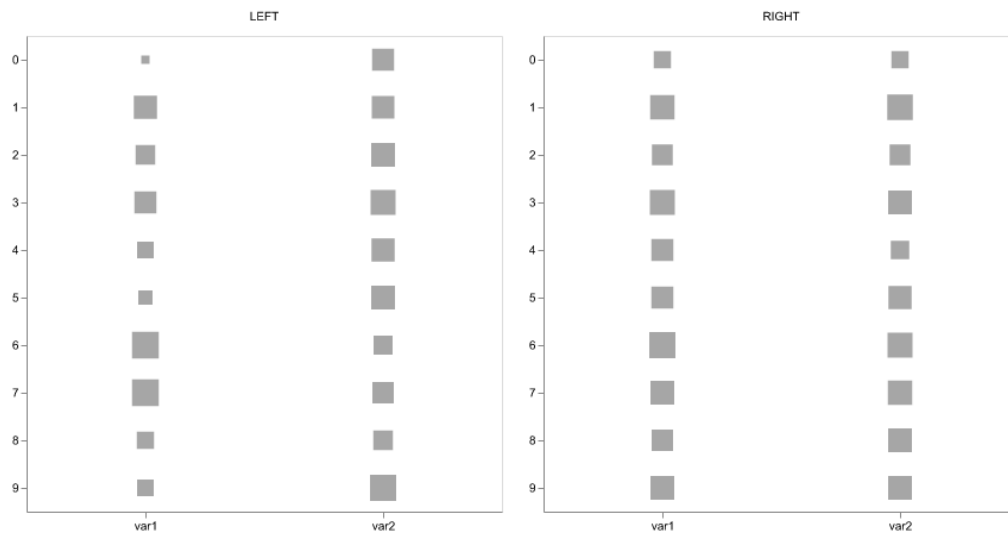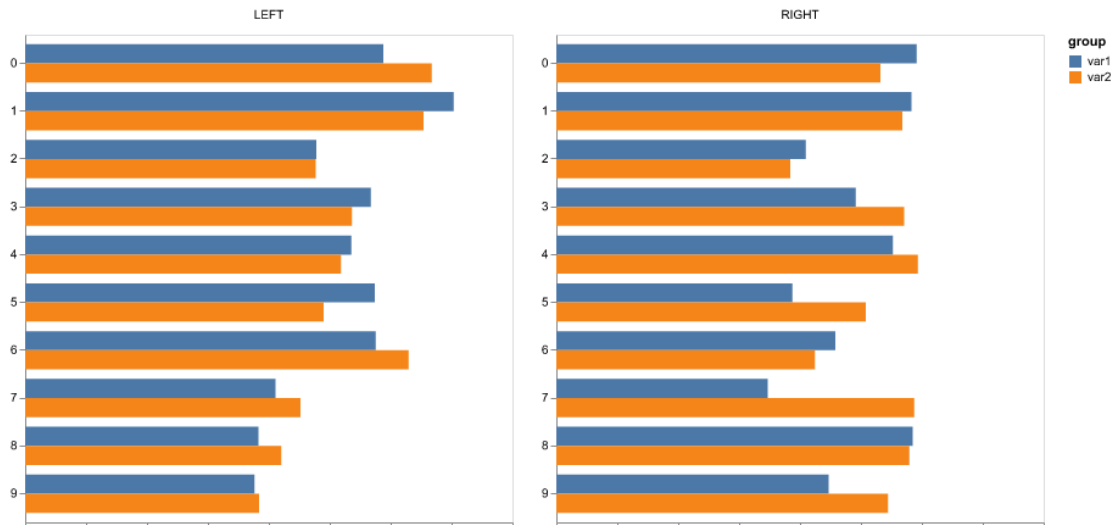Options: RIGHT, LEFT

EncQA Question: In which chart are the areas of the squares for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the squares for var1 and var2 more correlated?
Options: RIGHT, LEFT

Task:correlate_values_relative   Encoding:length

EncQA Question: In which chart are the lengths of the bars for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lengths of the bars for var1 and var2 more correlated?
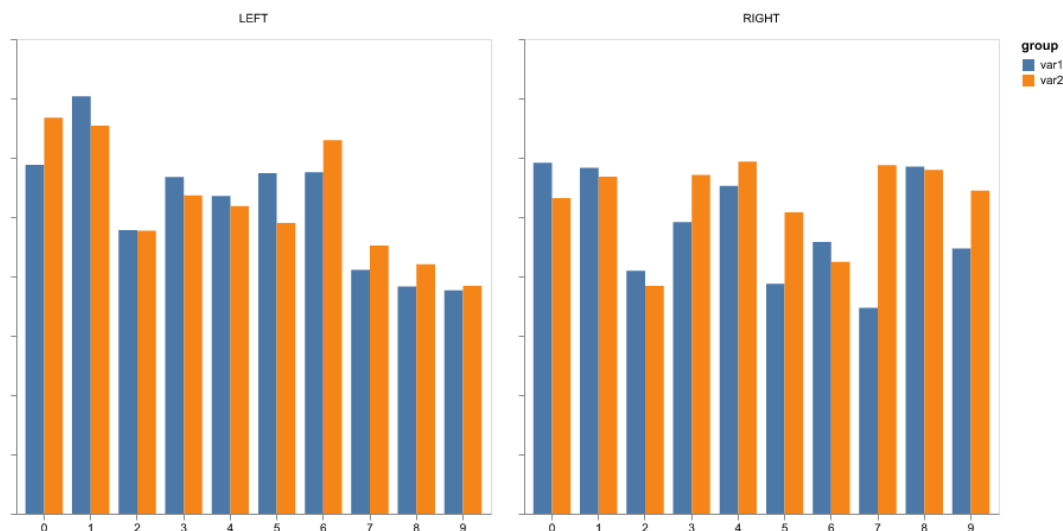Options: RIGHT, LEFT

EncQA Question: In which chart are the lengths of the bars for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lengths of the bars for var1 and var2 more correlated?
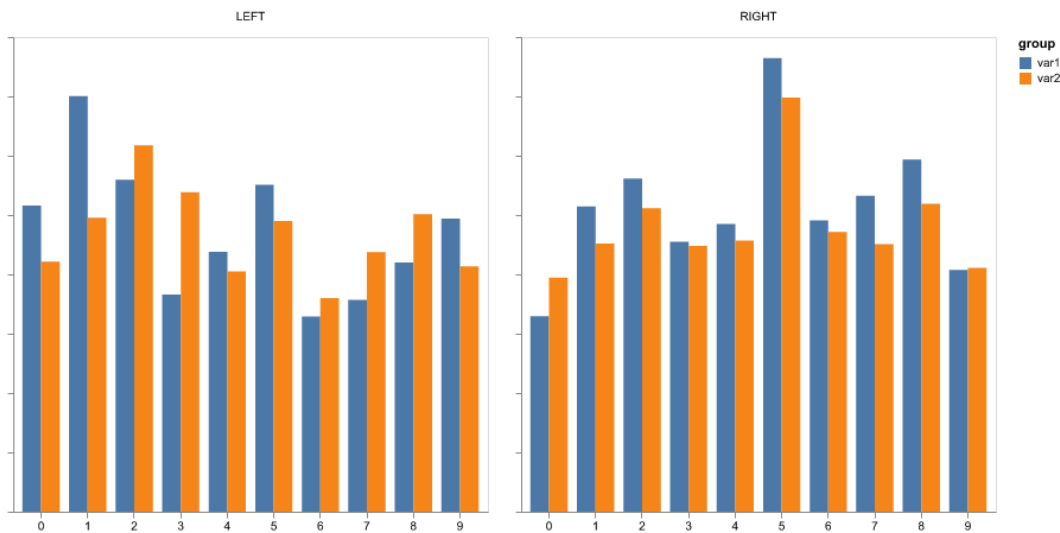Options: LEFT, RIGHT

EncQA Question: In which chart are the lengths of the bars for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lengths of the bars for var1 and var2 more correlated?
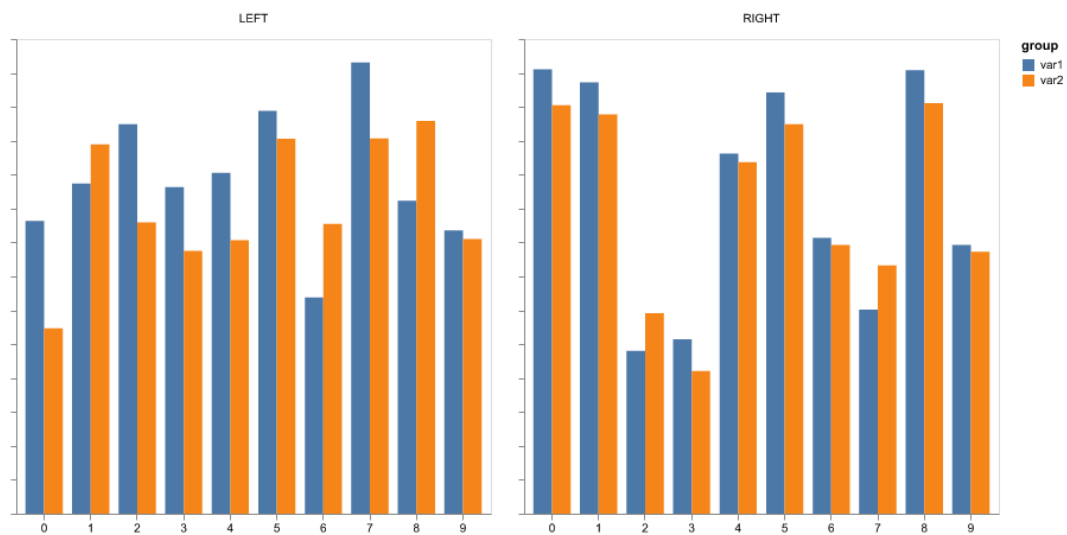Options: LEFT, RIGHT

EncQA Question: In which chart are the lengths of the bars for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lengths of the bars for var1 and var2 more correlated?
Options: RIGHT, LEFT

LEFT   RIGHT

group
var1
var2

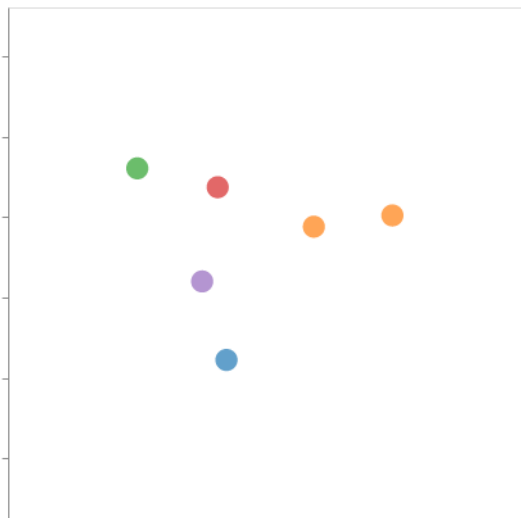EncQA Question: In which chart are the lengths of the bars for var1 and var2 more correlated?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the lengths of the bars for var1 and var2 more correlated?
Options: RIGHT, LEFT
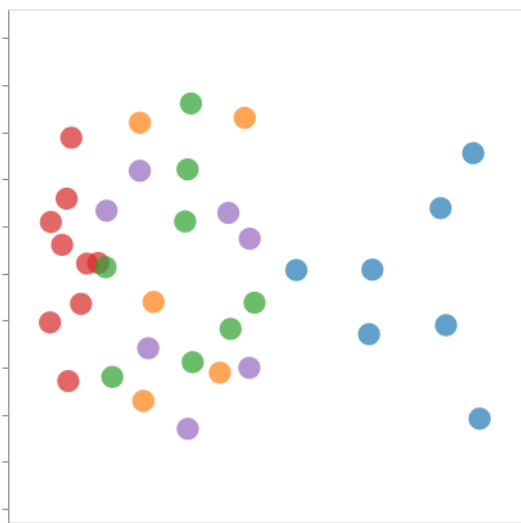
Task:compute_derived_value_exact   Encoding:color_nominal

EncQA Question: What is the average number of observations per color?

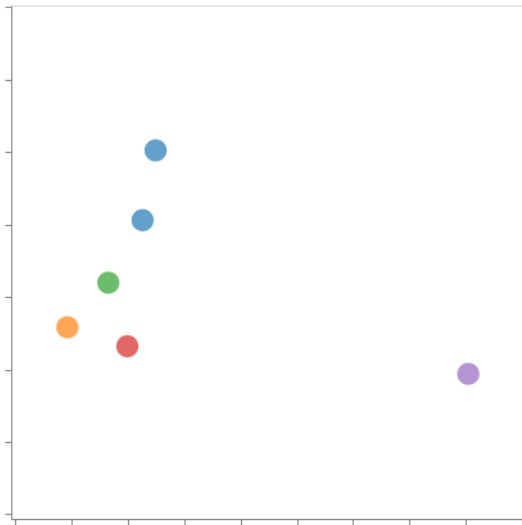Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per color?

EncQA Question: What is the average number of observations per color?

Formatted Text Prompt: Answer using only a single number.
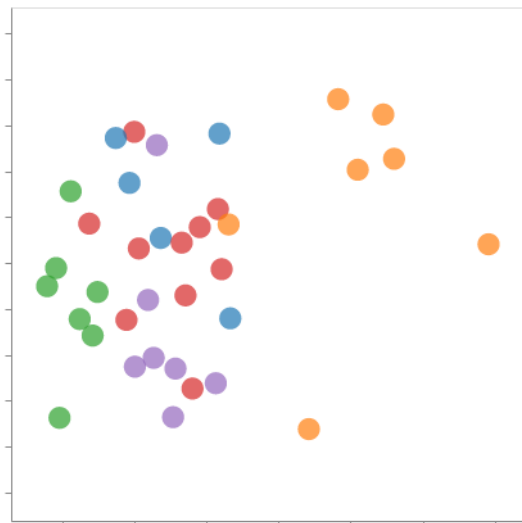What is the average number of observations per color?

EncQA Question: What is the average number of observations per color?

Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per color?

EncQA Question: What is the average number of observations per color?

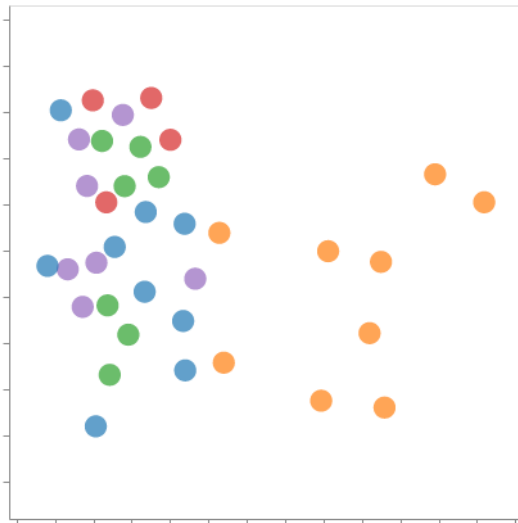Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per color?

EncQA Question: What is the average number of observations per color?

Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per color?

Task:compute_derived_value_exact   Encoding:color_quantitative

EncQA Question: What is the average value of Var?

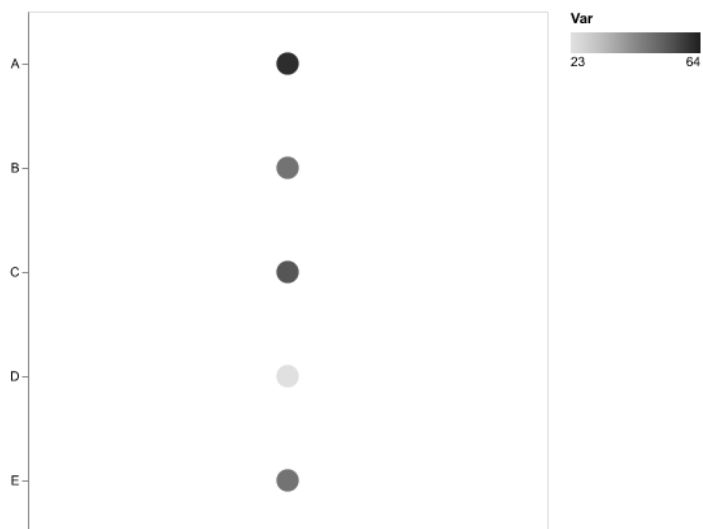Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

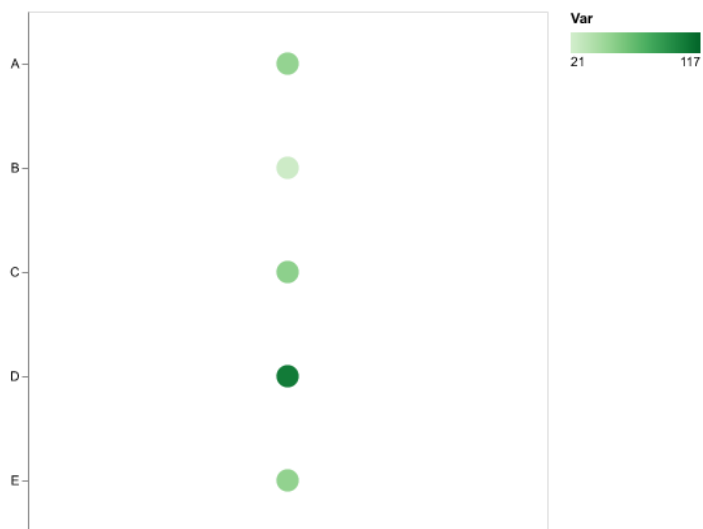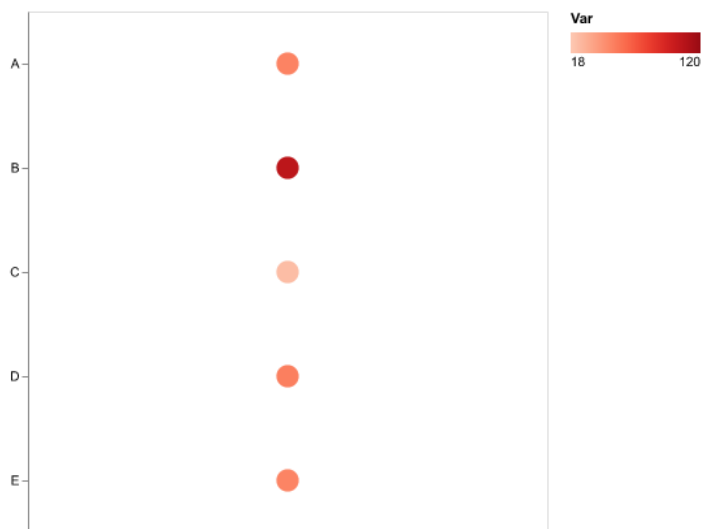EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
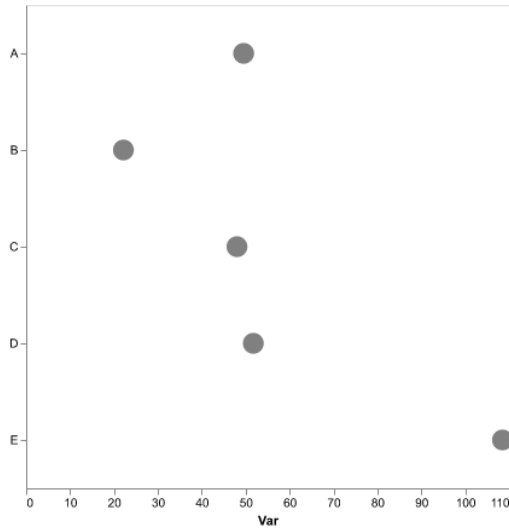What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
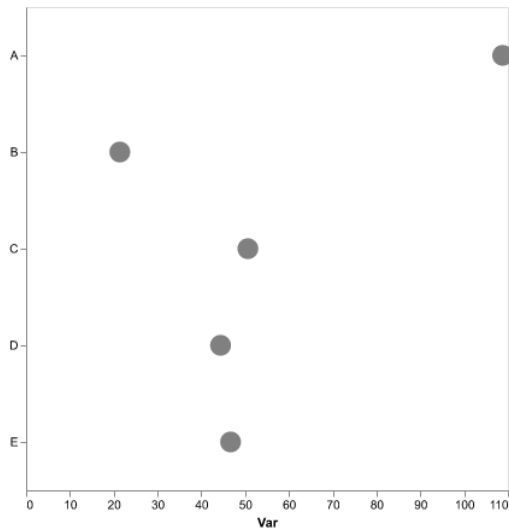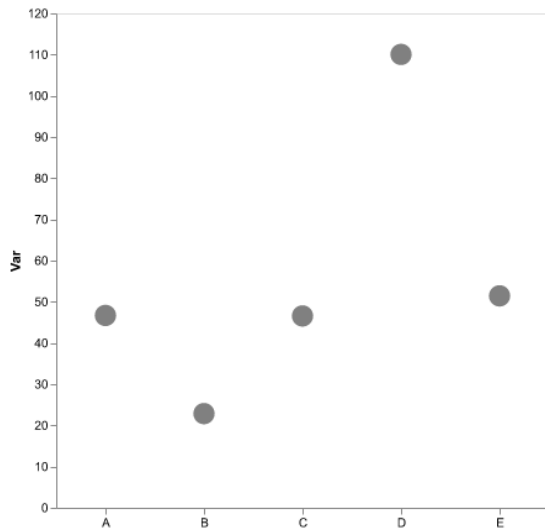What is the average value of Var?
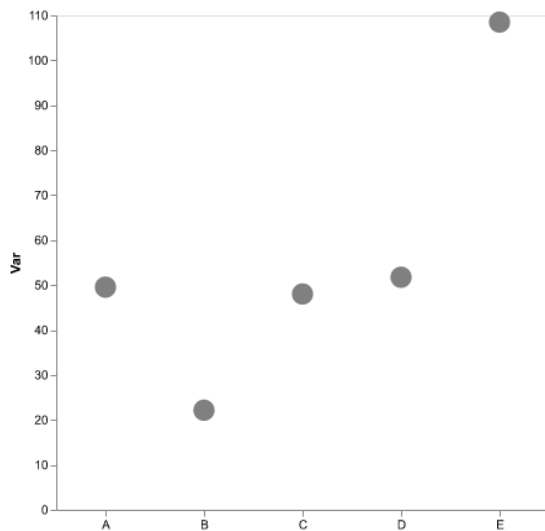

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

Task:compute_derived_value_exact   Encoding:area
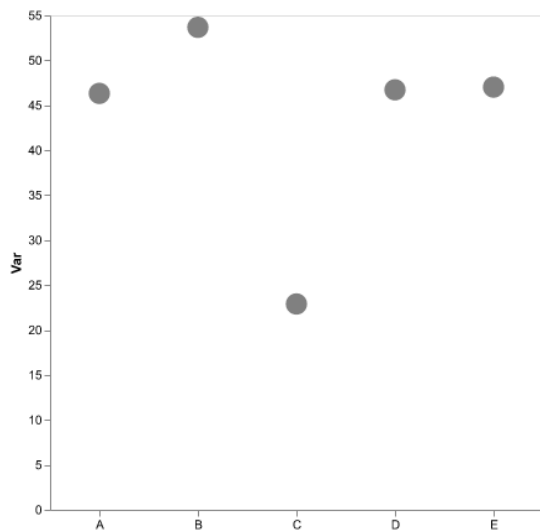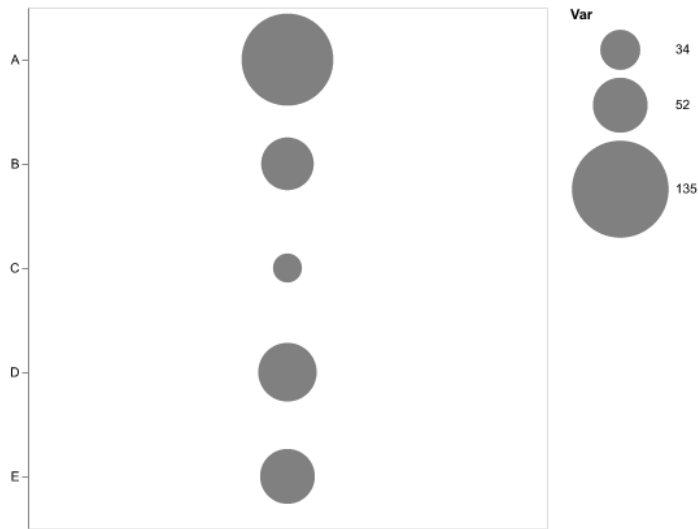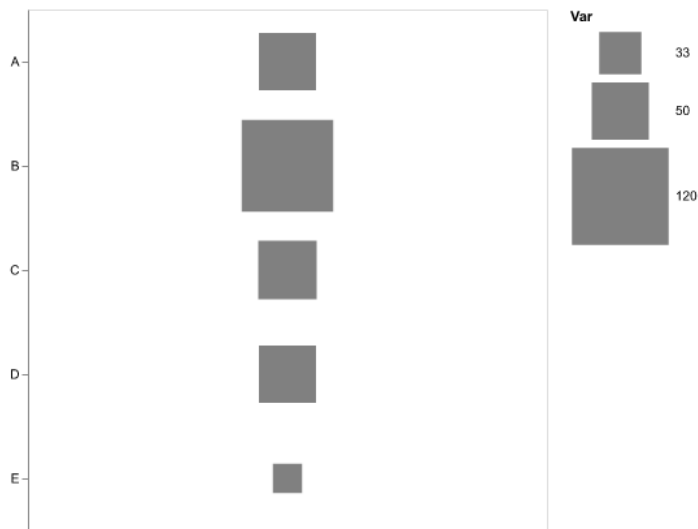

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
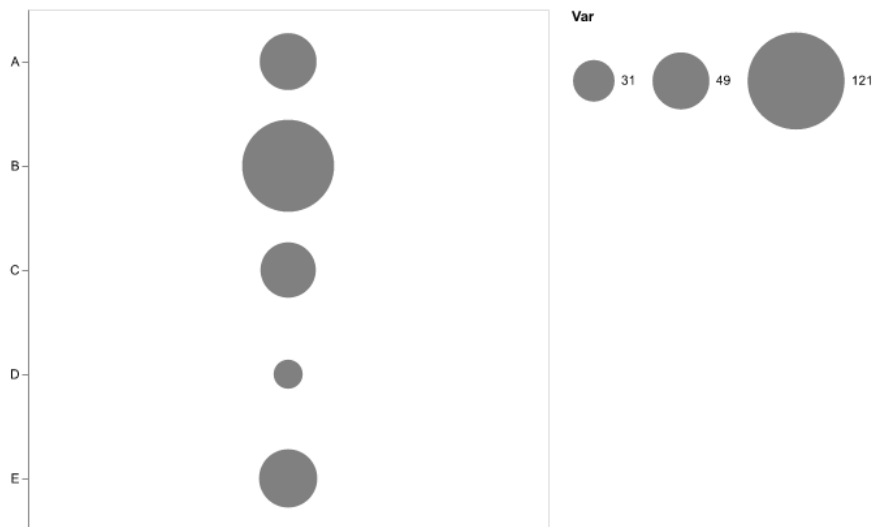What is the average value of Var?

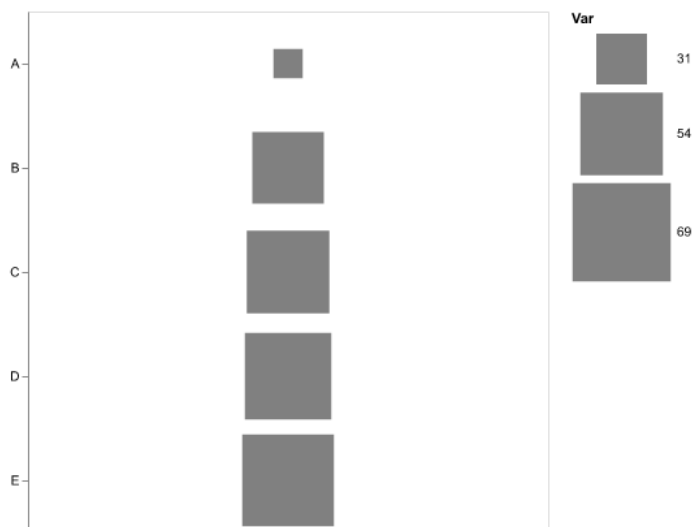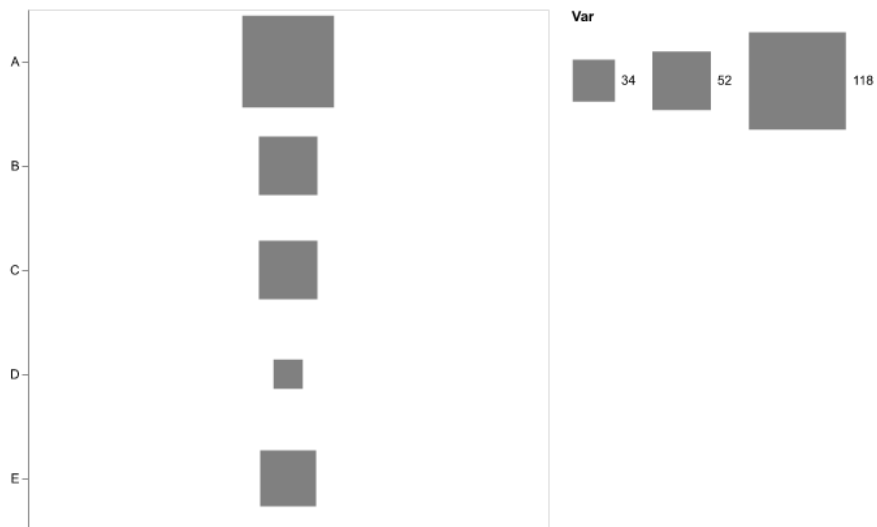EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
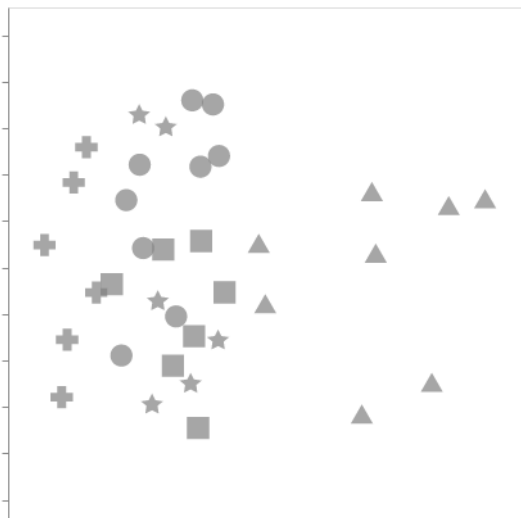What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

Task:compute_derived_value_exact   Encoding:shape
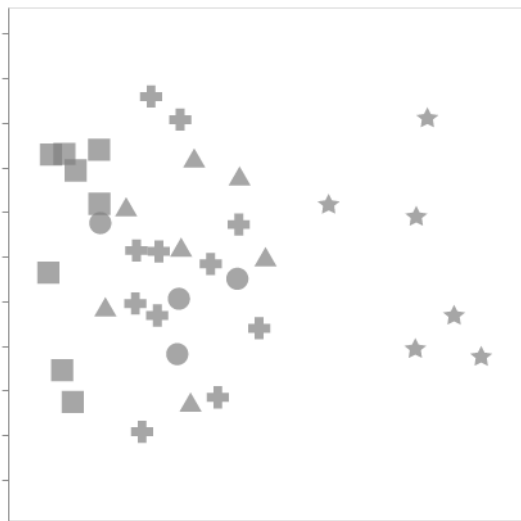

EncQA Question: What is the average number of observations per shape?

Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per shape?

EncQA Question: What is the average number of observations per shape?

Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per shape?

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Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per shape?

EncQA Question: What is the average number of observations per shape?

Formatted Text Prompt: Answer using only a single number.
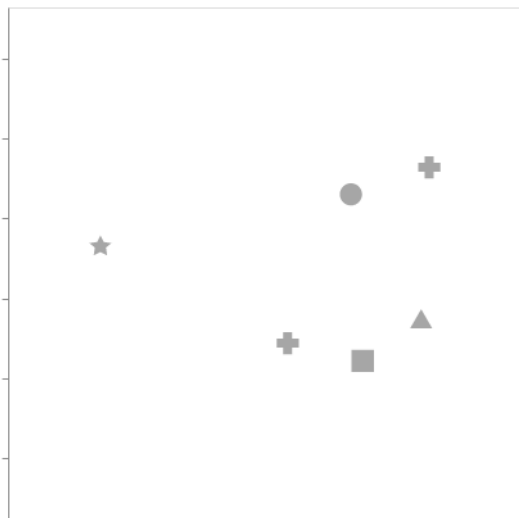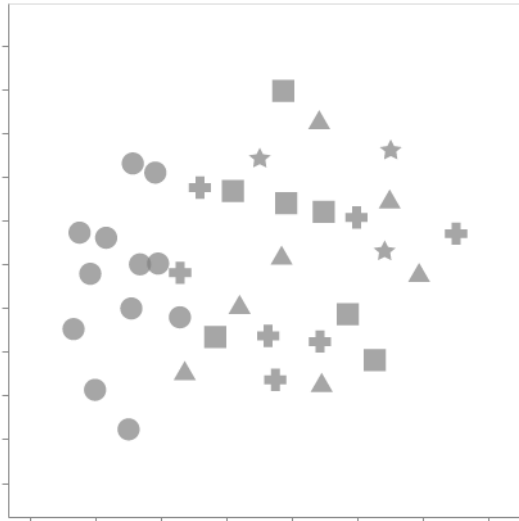What is the average number of observations per shape?

EncQA Question: What is the average number of observations per shape?

Formatted Text Prompt: Answer using only a single number.
What is the average number of observations per shape?

Task:compute_derived_value_exact   Encoding:length

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
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Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

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Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

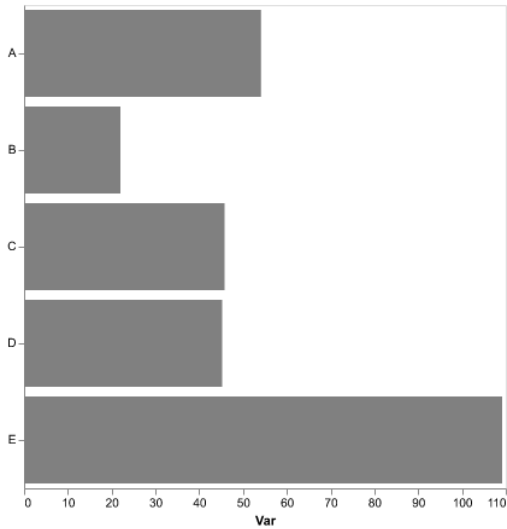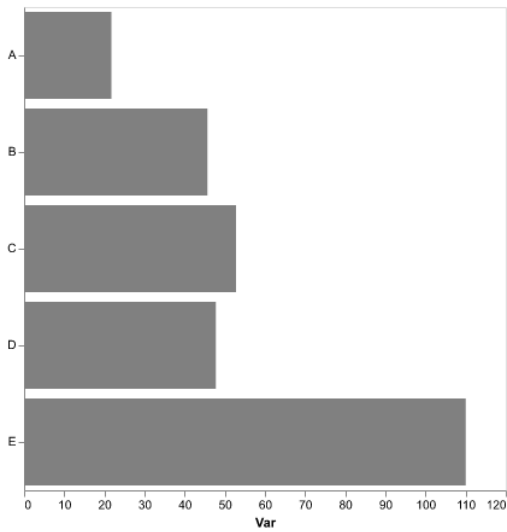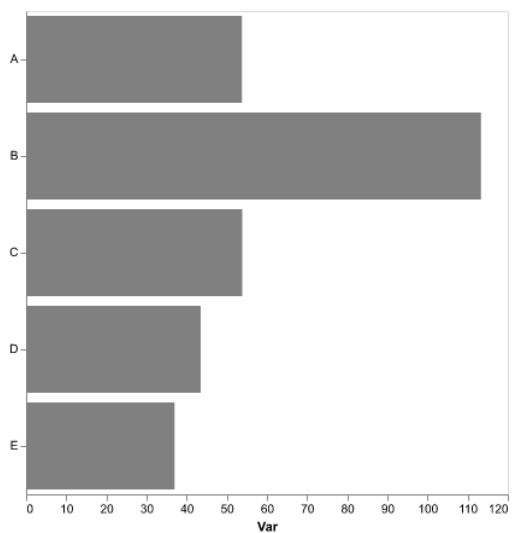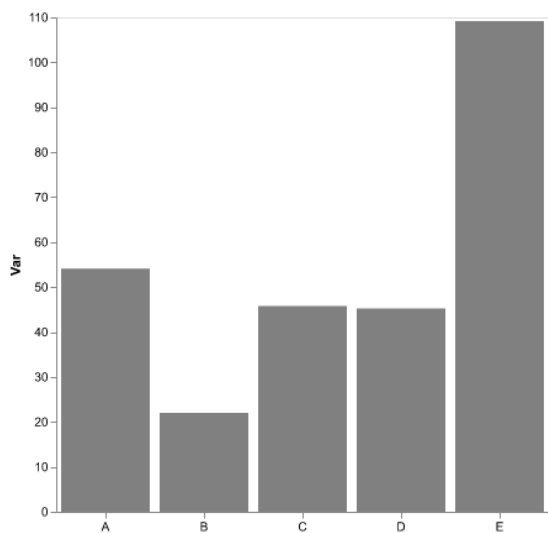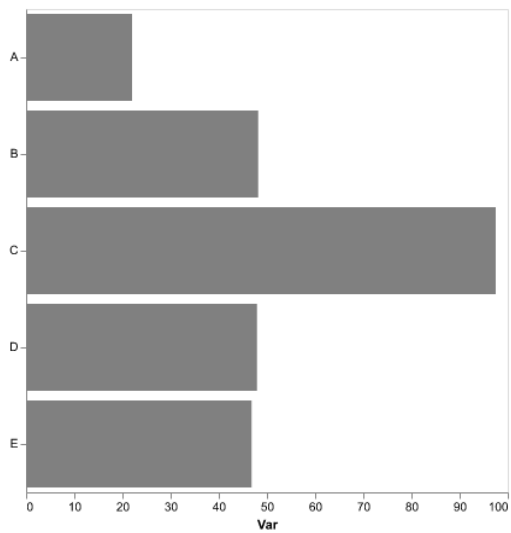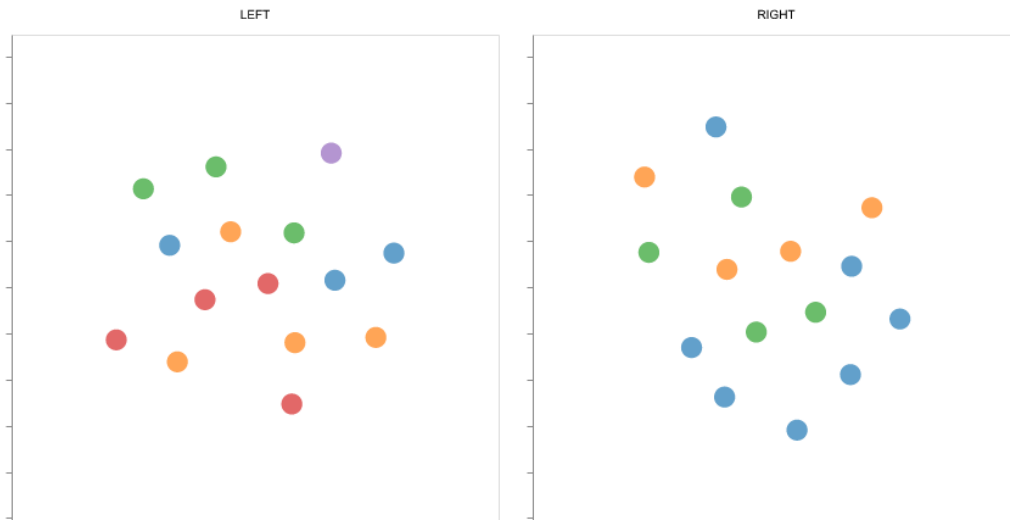EncQA Question: What is the average value of Var?

Formatted Text Prompt: Answer using only a single number.
What is the average value of Var?

Task:compute_derived_value_relative   Encoding:color_nominal

LEFT

RIGHT

EncQA Question: Which chart has a higher average number of observations per colors

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per colors
Options: LEFT, RIGHT

LEFT

RIGHT

EncQA Question: Which chart has a higher average number of observations per colors

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per colors
Options: RIGHT, LEFT

LEFT   RIGHT

EncQA Question: Which chart has a higher average number of observations per colors

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per colors
Options: LEFT, RIGHT

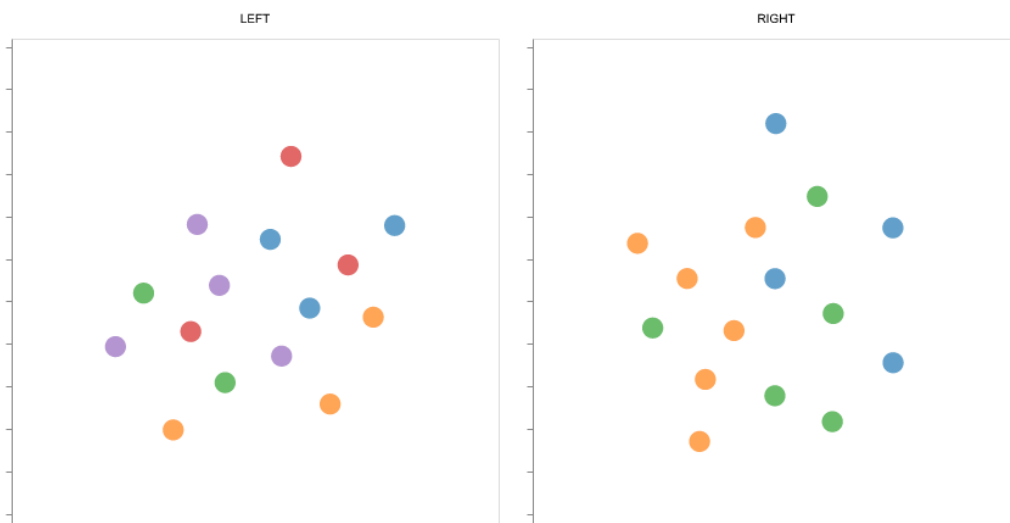LEFT   RIGHT

EncQA Question: Which chart has a higher average number of observations per colors

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per colors
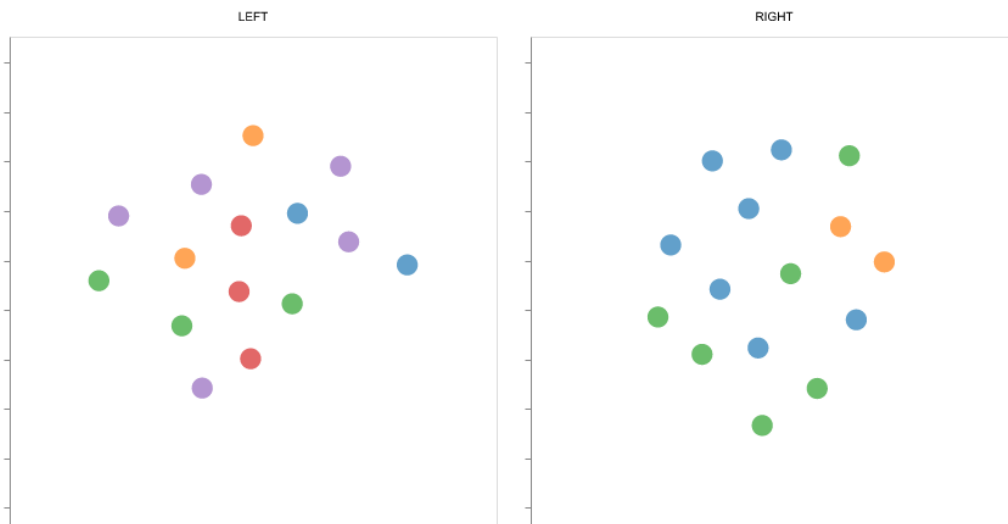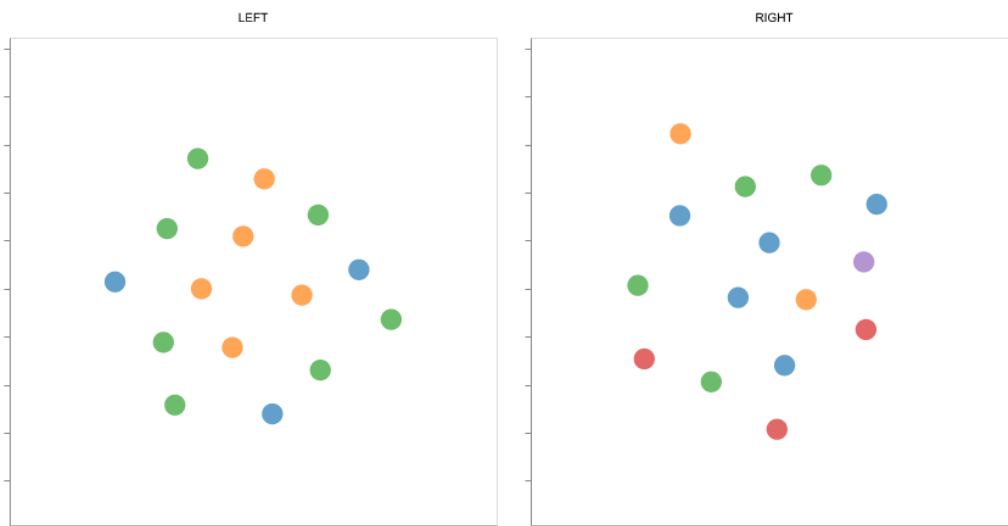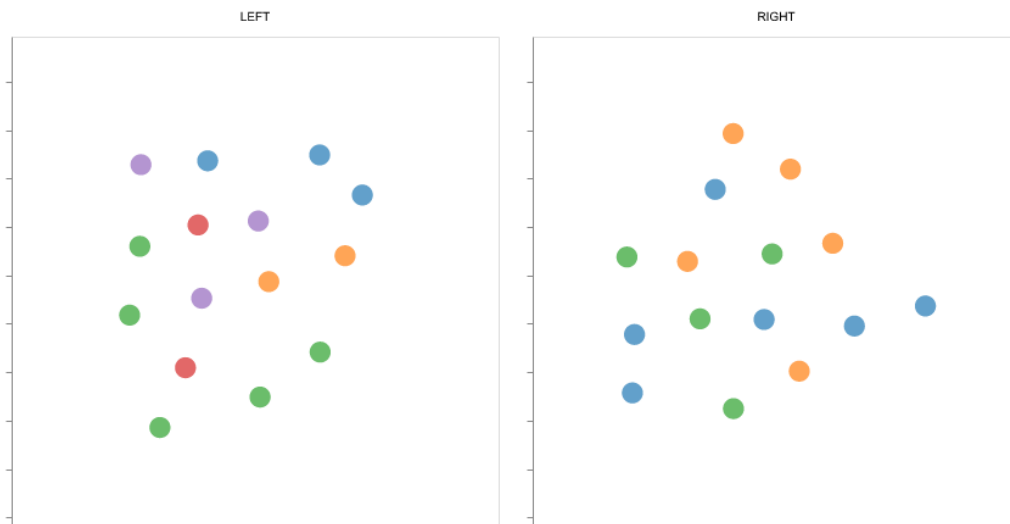Options: RIGHT, LEFT

EncQA Question: Which chart has a higher average number of observations per colors

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per colors
Options: LEFT, RIGHT

Task:compute_derived_value_relative   Encoding:color_quantitative

EncQA Question: In which chart are the circles darker on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles darker on average?
Options: RIGHT, LEFT

EncQA Question: In which chart are the circles darker on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles darker on average?
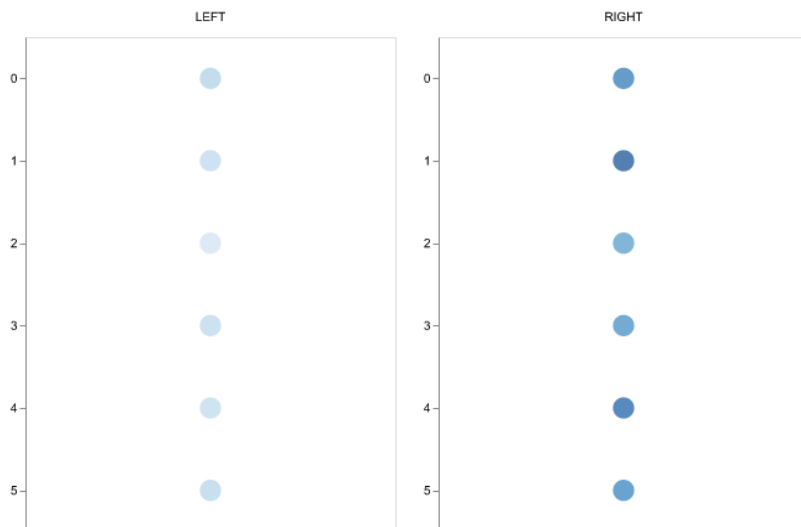Options: LEFT, RIGHT

EncQA Question: In which chart are the circles darker on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles darker on average?
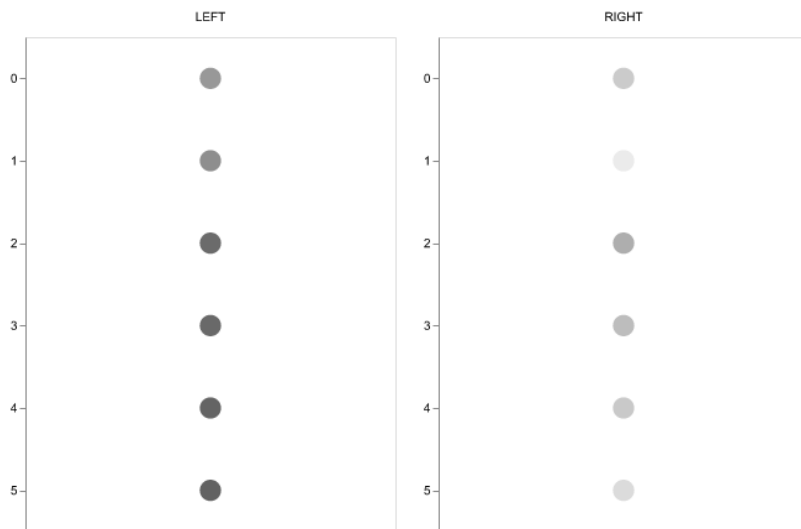Options: LEFT, RIGHT

EncQA Question: In which chart are the circles darker on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles darker on average?
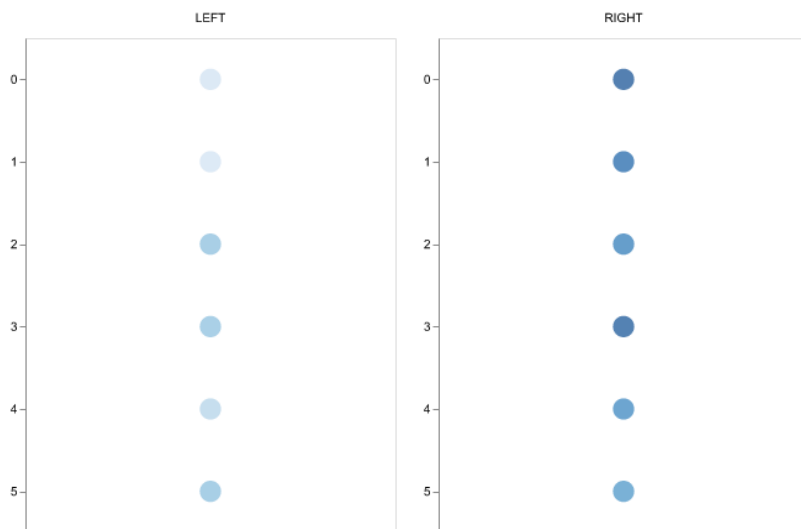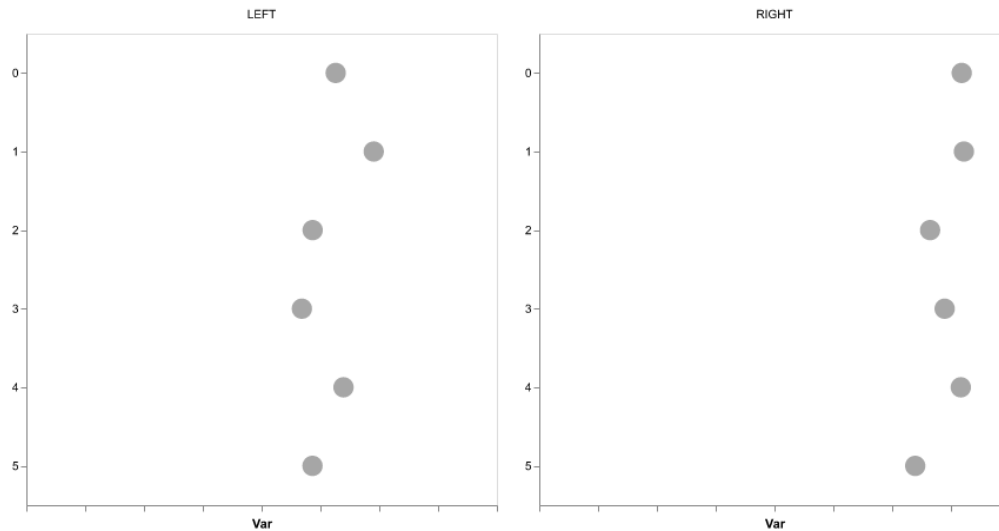Options: LEFT, RIGHT

EncQA Question: In which chart are the circles darker on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles darker on average?
Options: RIGHT, LEFT

Task:compute_derived_value_relative   Encoding:position

LEFT

RIGHT

EncQA Question: In which chart are the circles further to the right on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles further to the right on average?
Options: RIGHT, LEFT

LEFT

RIGHT

EncQA Question: In which chart are the circles further to the right on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles further to the right on average?
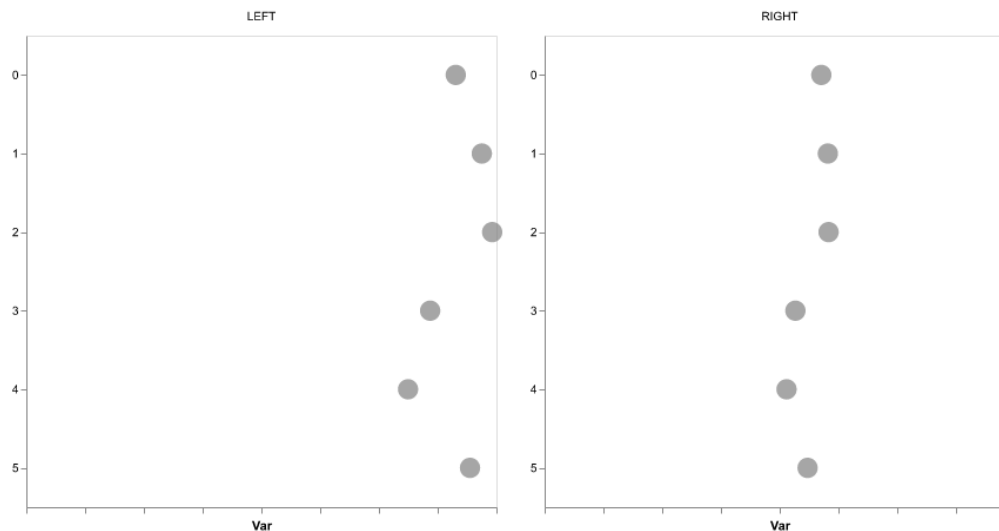Options: RIGHT, LEFT

LEFT   RIGHT

EncQA Question: In which chart are the circles further to the right on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles further to the right on average?
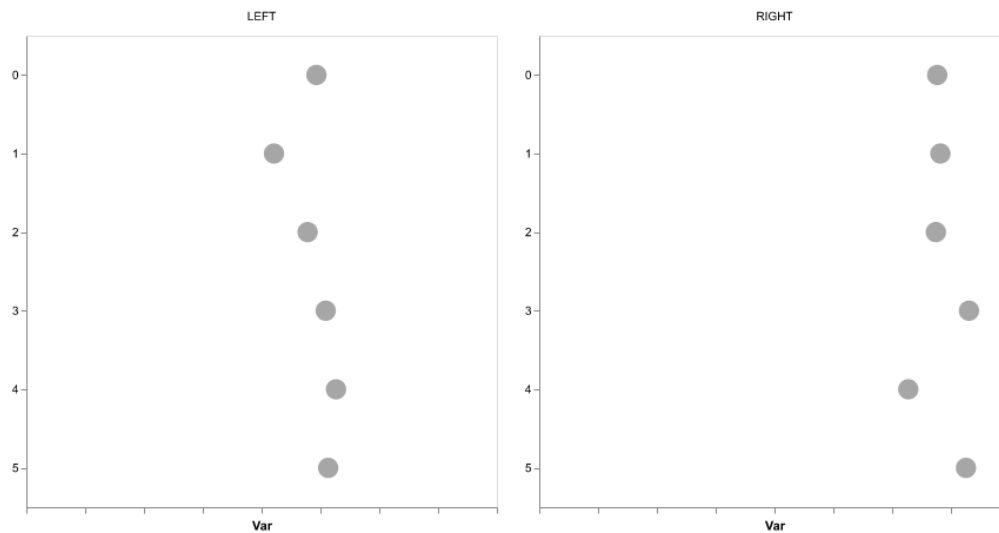Options: LEFT, RIGHT

LEFT   RIGHT

EncQA Question: In which chart are the circles further to the top on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
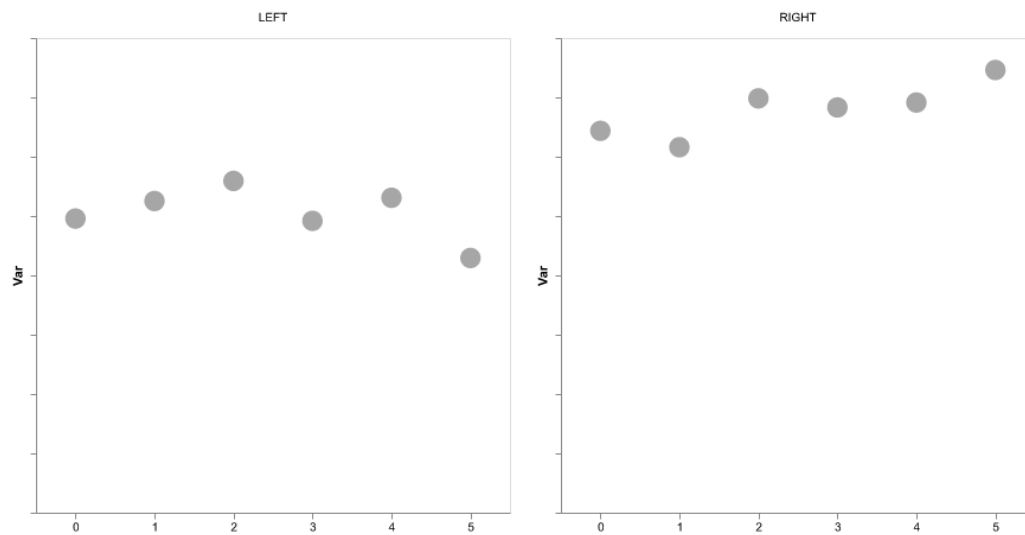In which chart are the circles further to the top on average?
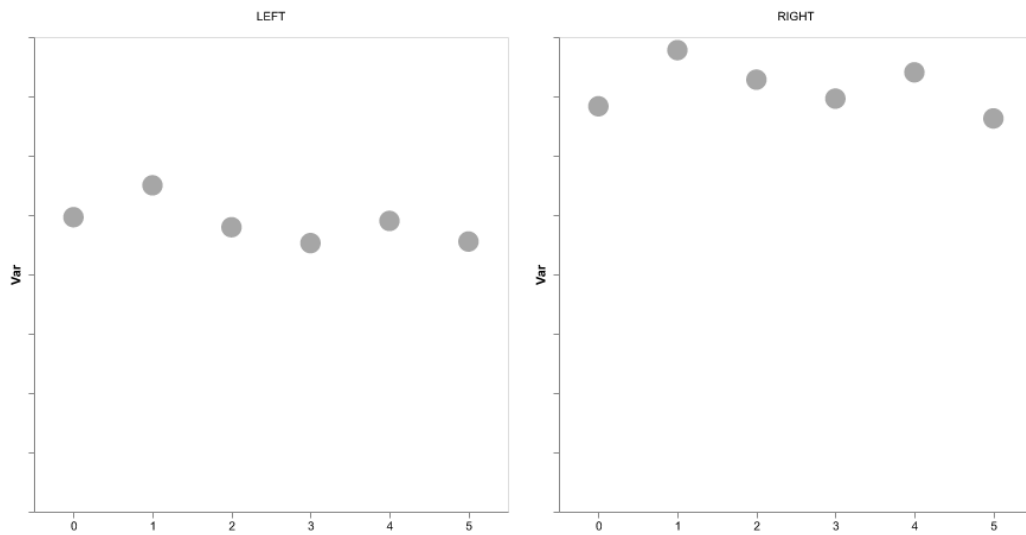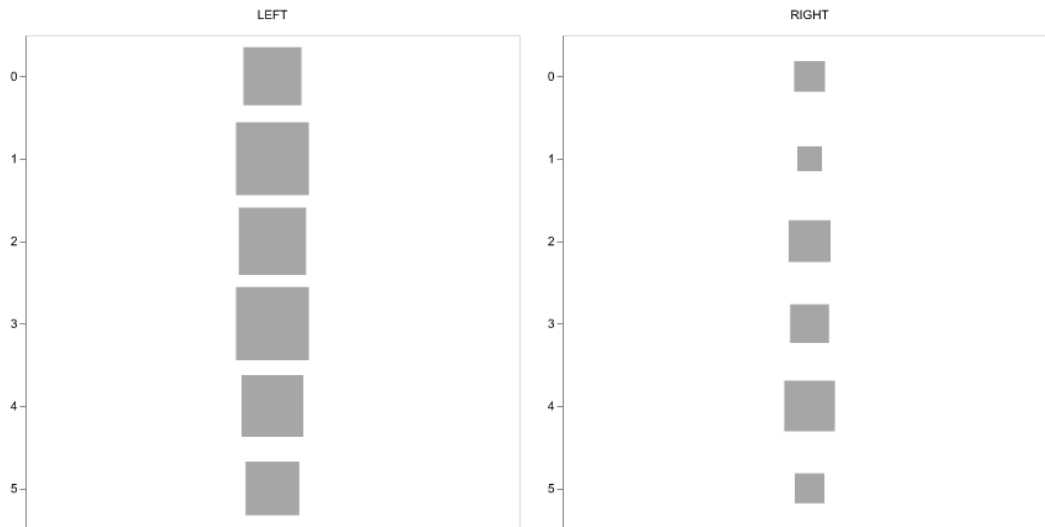Options: RIGHT, LEFT

EncQA Question: In which chart are the circles further to the top on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the circles further to the top on average?
Options: RIGHT, LEFT

Task:compute_derived_value_relative   Encoding:area

EncQA Question: In which chart are the areas of the squares larger on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the squares larger on average?
Options: RIGHT, LEFT

EncQA Question: In which chart are the areas of the squares larger on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the squares larger on average?
Options: LEFT, RIGHT

EncQA Question: In which chart are the areas of the circles larger on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
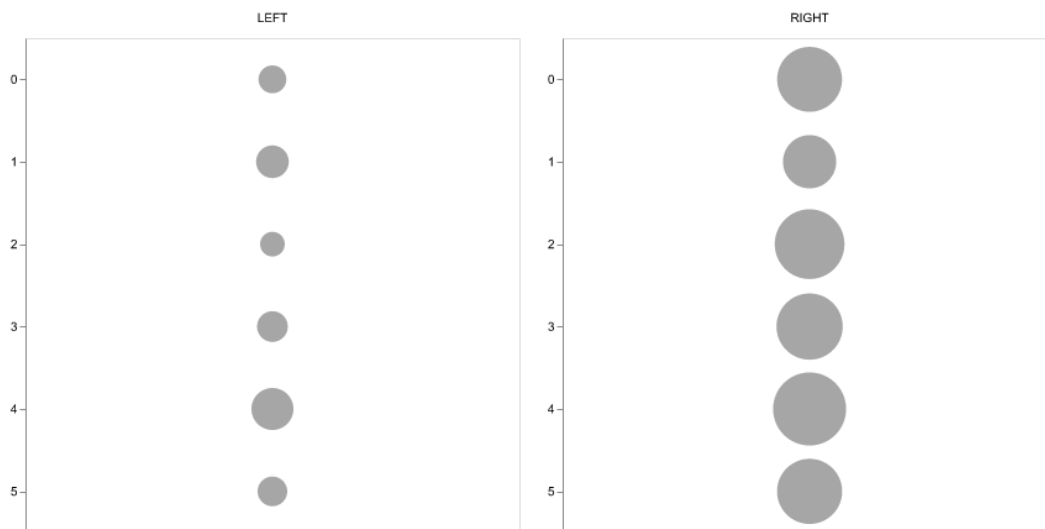In which chart are the areas of the circles larger on average?
Options: RIGHT, LEFT

EncQA Question: In which chart are the areas of the circles larger on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the circles larger on average?
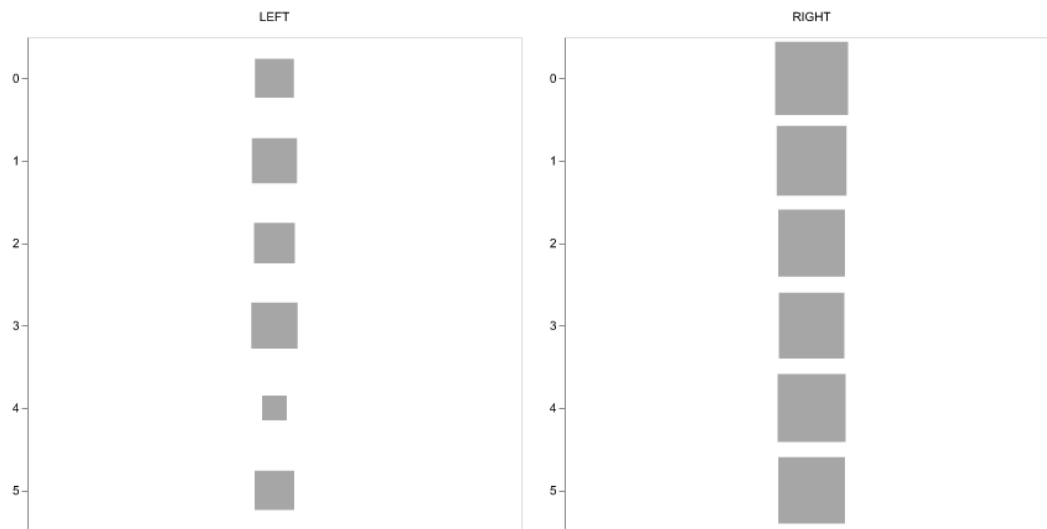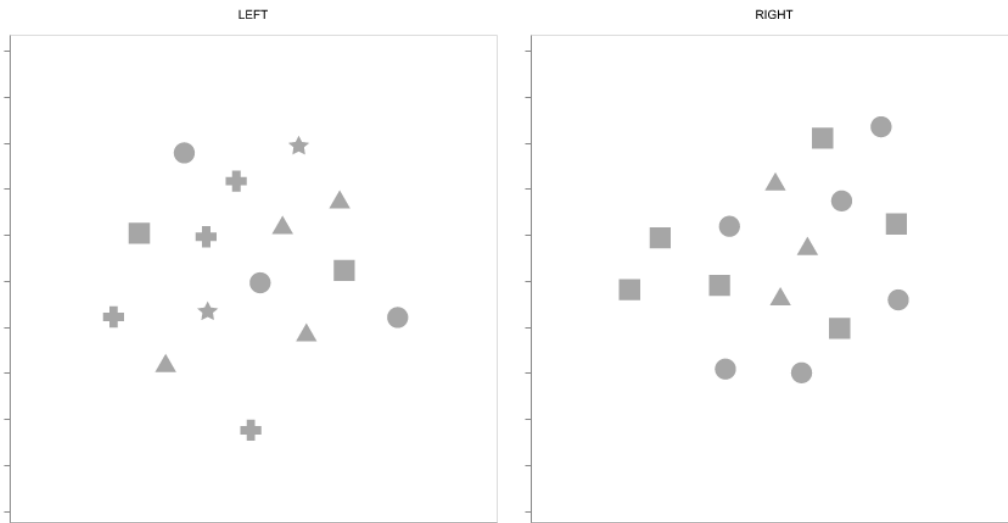Options: RIGHT, LEFT

EncQA Question: In which chart are the areas of the squares larger on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the areas of the squares larger on average?
Options: RIGHT, LEFT

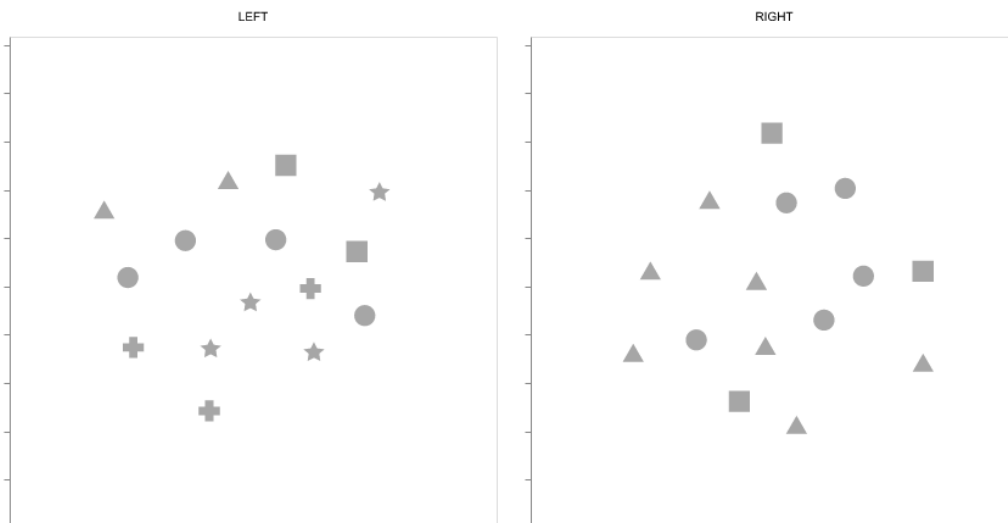# Task:compute_derived_value_relative   Encoding:shape

EncQA Question: Which chart has a higher average number of observations per shape?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per shape?
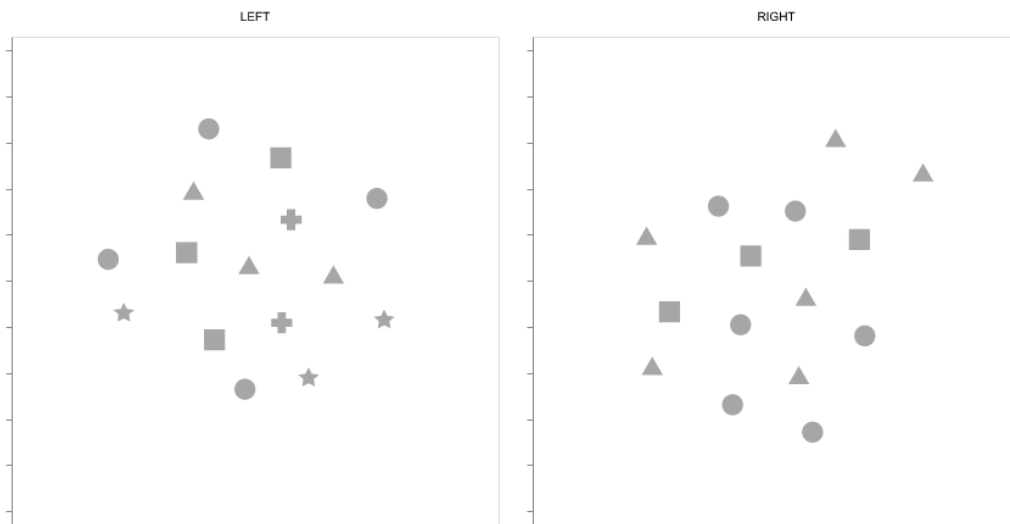Options: RIGHT, LEFT

EncQA Question: Which chart has a higher average number of observations per shape?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per shape?
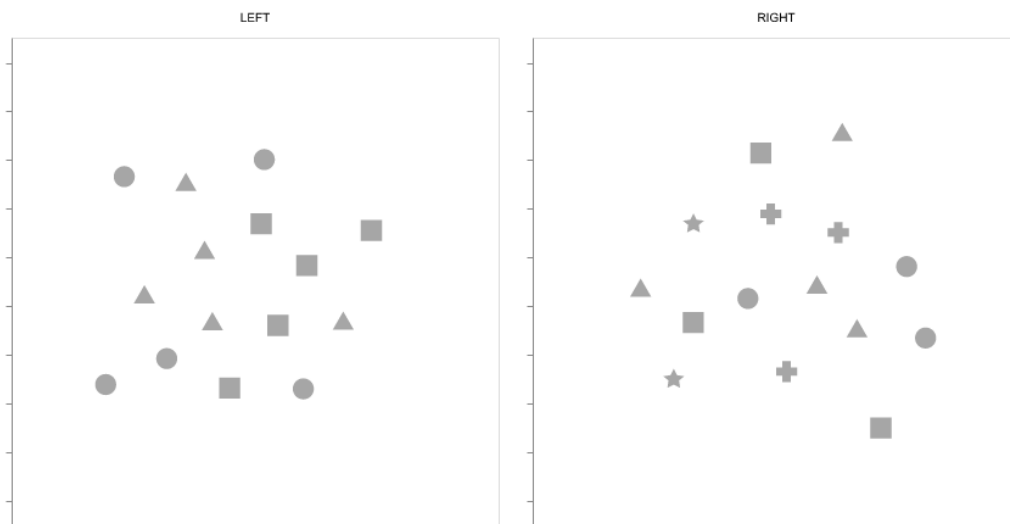Options: RIGHT, LEFT

EncQA Question: Which chart has a higher average number of observations per shape?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per shape?
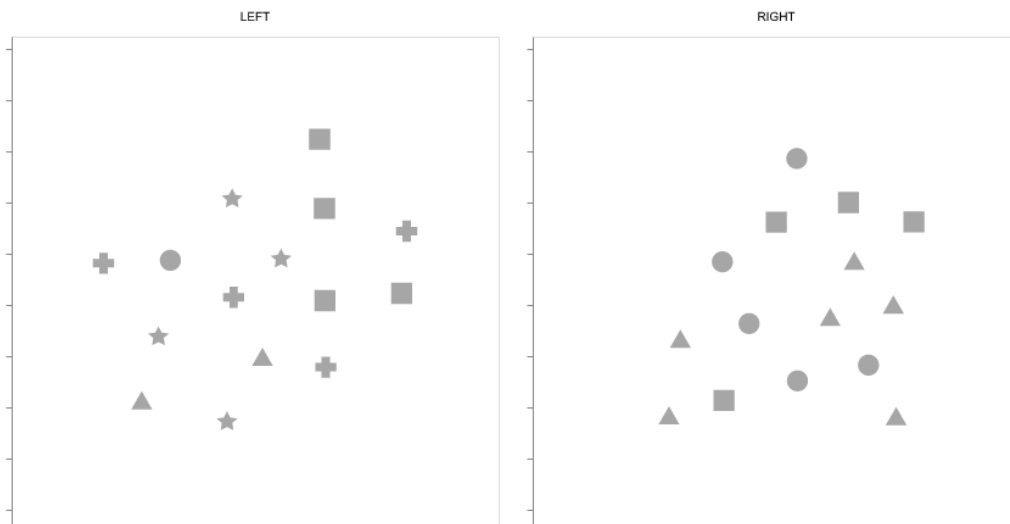Options: RIGHT, LEFT

EncQA Question: Which chart has a higher average number of observations per shape?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per shape?
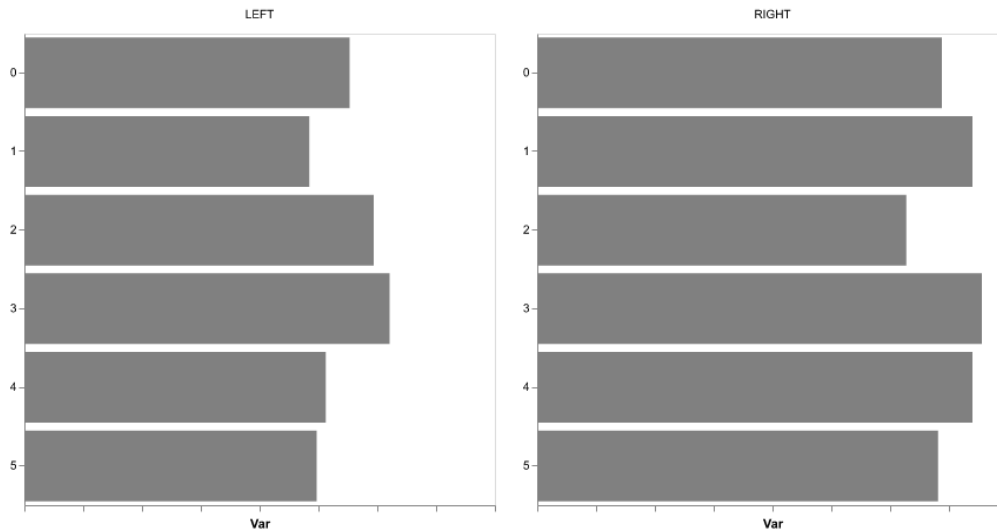Options: RIGHT, LEFT

EncQA Question: Which chart has a higher average number of observations per shape?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
Which chart has a higher average number of observations per shape?
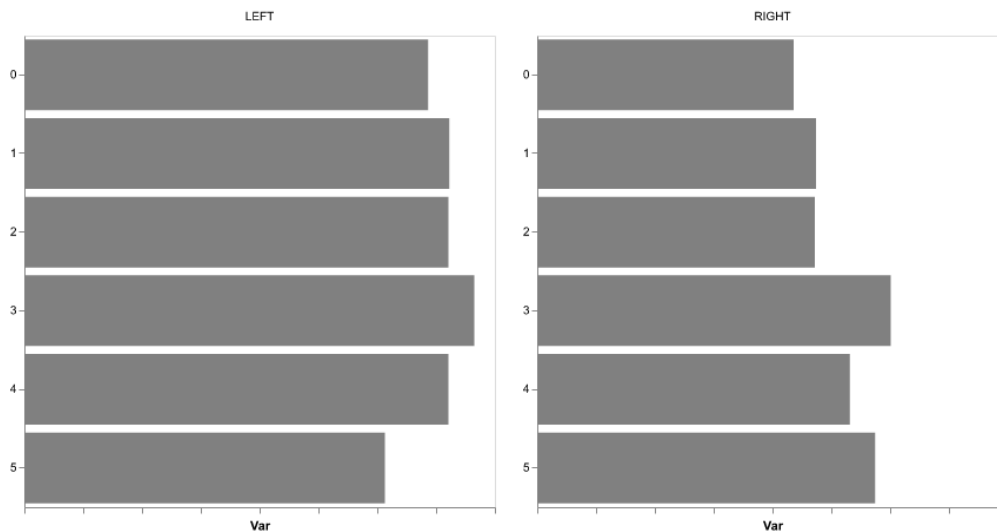Options: LEFT, RIGHT

Task:compute_derived_value_relative   Encoding:length

EncQA Question: In which chart are the bars longer on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
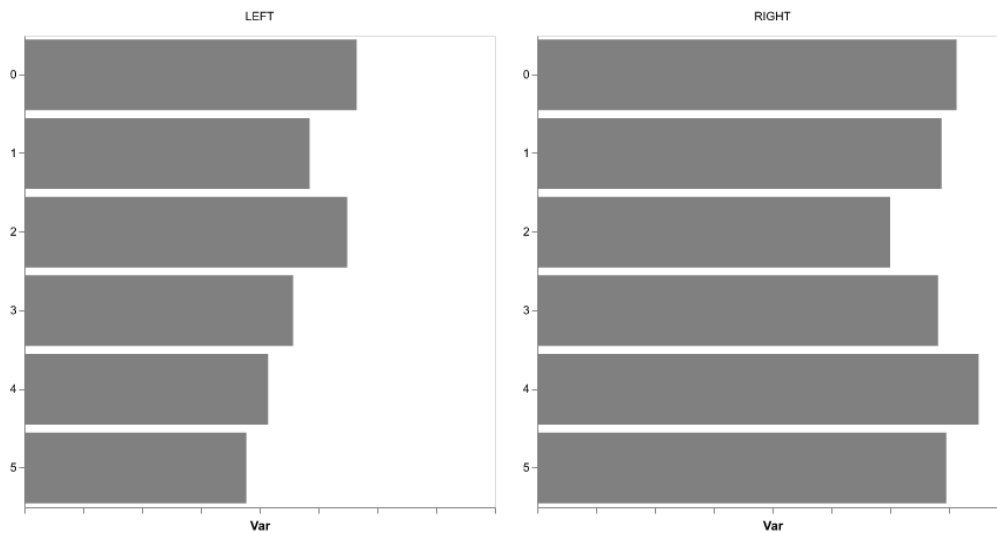In which chart are the bars longer on average?
Options: LEFT, RIGHT

EncQA Question: In which chart are the bars longer on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the bars longer on average?
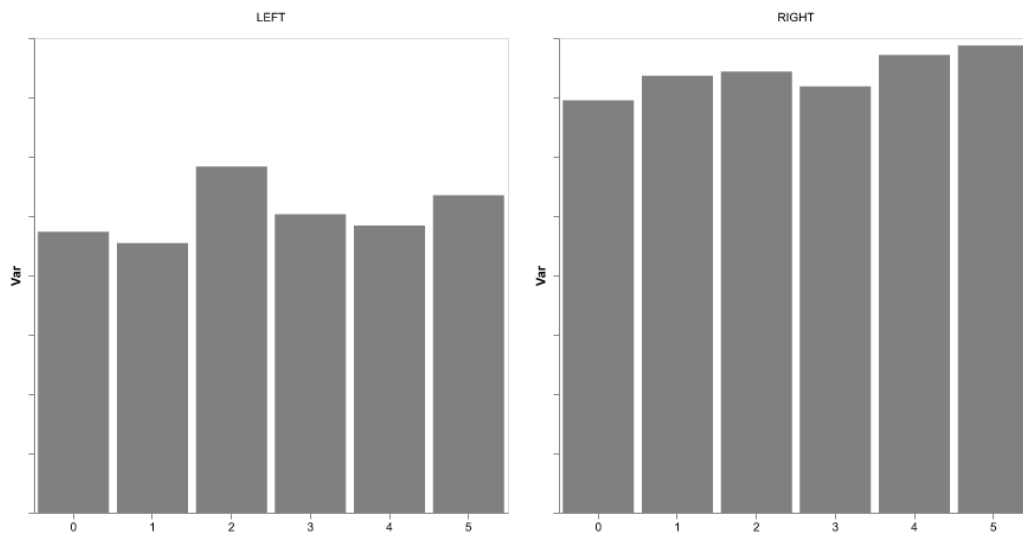Options: RIGHT, LEFT

EncQA Question: In which chart are the bars longer on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the bars longer on average?
Options: RIGHT, LEFT

EncQA Question: In which chart are the bars longer on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the bars longer on average?
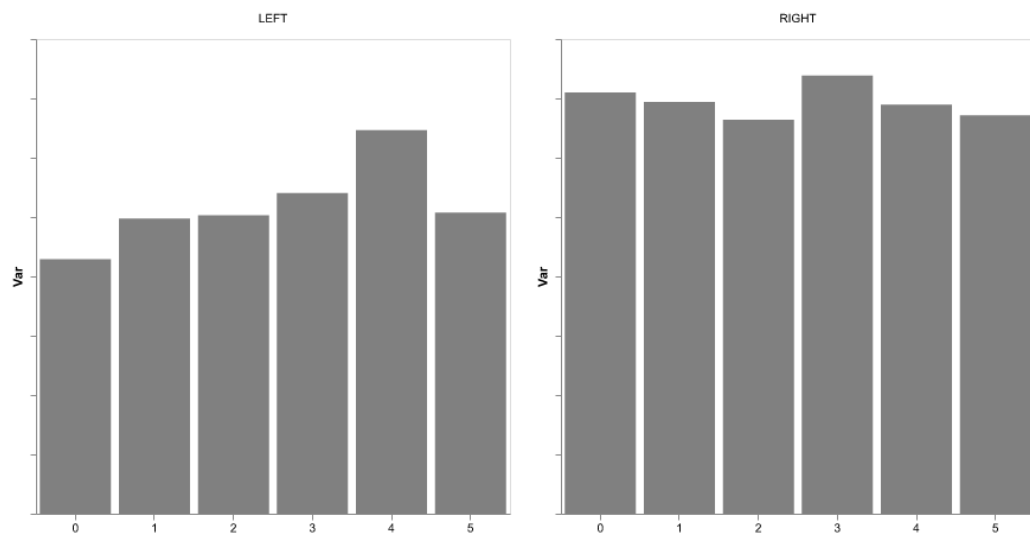Options: RIGHT, LEFT

EncQA Question: In which chart are the bars longer on average?

Formatted Text Prompt: Answer using only a single word or letter from the options provided.
In which chart are the bars longer on average?
Options: RIGHT, LEFT