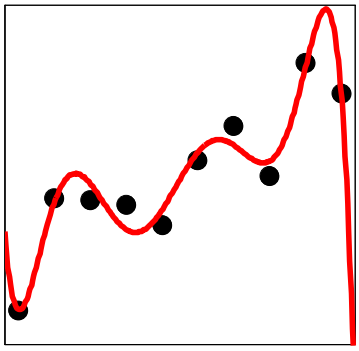
Please read the following instructions carefully.

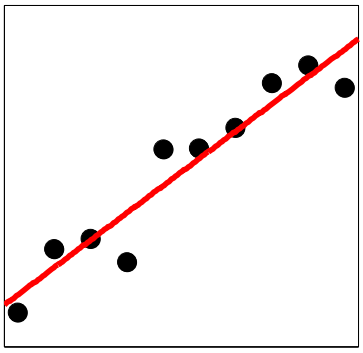
In this experiment, you will be shown a series of graphs containing some data points. Your task is to estimate the function that generated the data points.

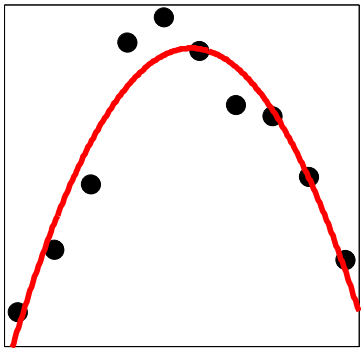
Each graph gives data from a different fictional experiment. These data are not real but you should treat them as if they were data from an actual scientific experiment. You can think of each set of data as caused by some underlying process which relates the X-axis (the input) to the Y-axis (the output). In the data that you will see, the exact causal relationship is unknown, but you will try to guess it solely on the basis of the data we provide you in the graph.

It is important to note that, as in all science, the observations are not always accurate. We say the data are 'noisy'. Hence, the data can be thought of as being sampled from some underlying process but won't necessarily match that process exactly

Here are some examples showing the true function and some data generated from that function.



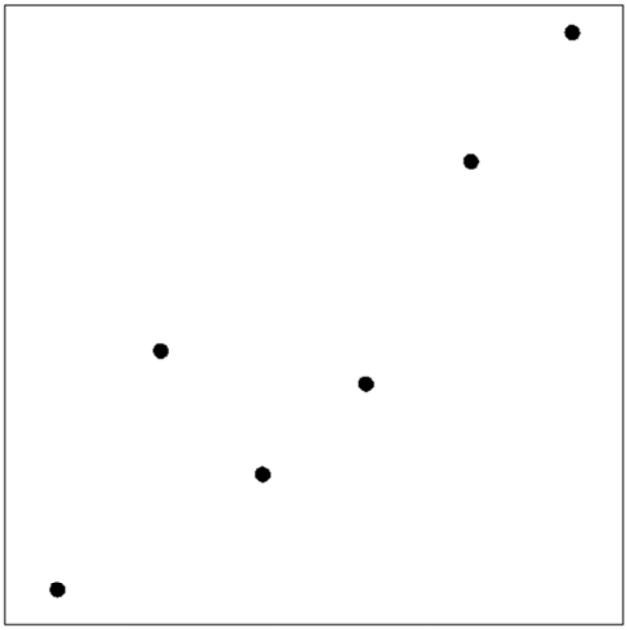




On the next few pages, you will be shown only the data. Using a pen or pencil you should draw what you believe to be the true function which generated the data.

Please ask now if you have any questions.

1)



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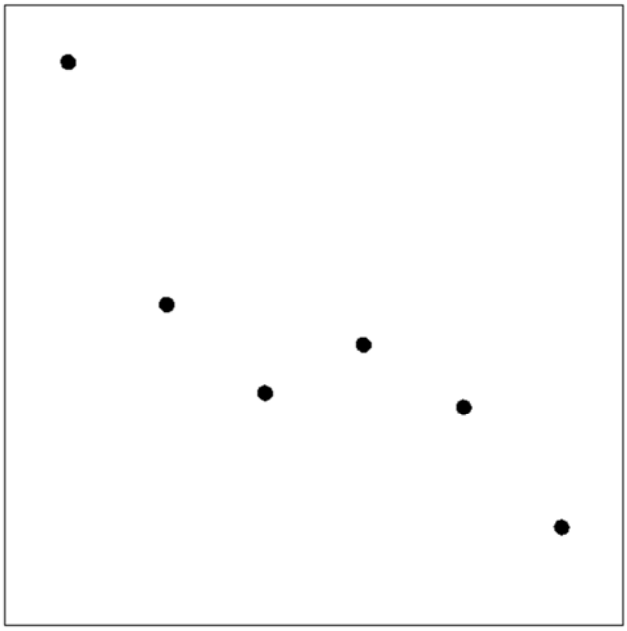

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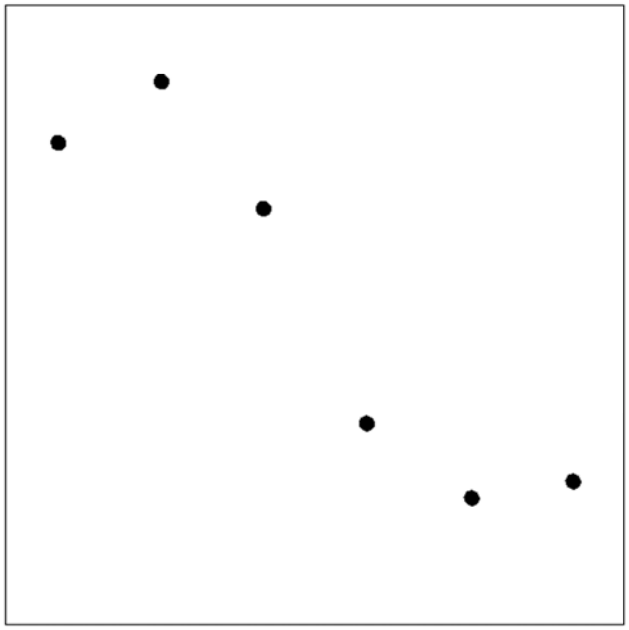

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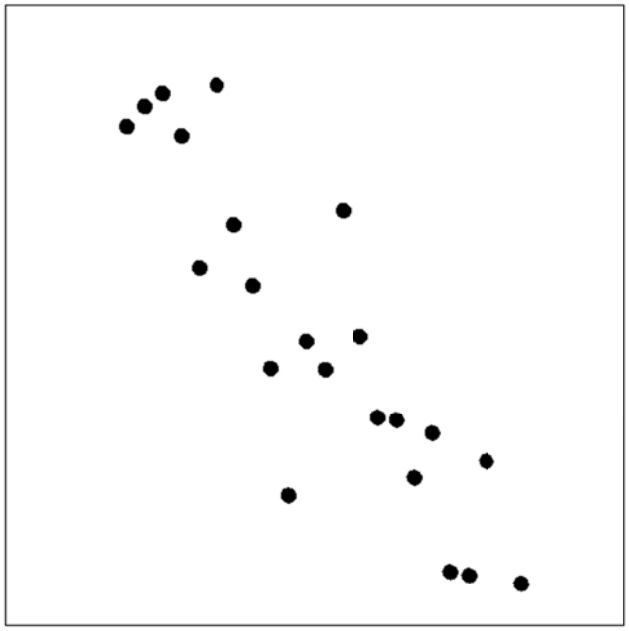

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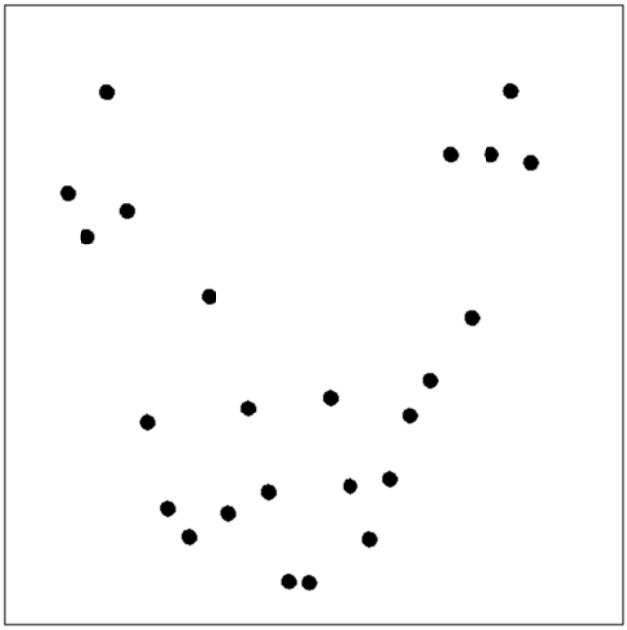

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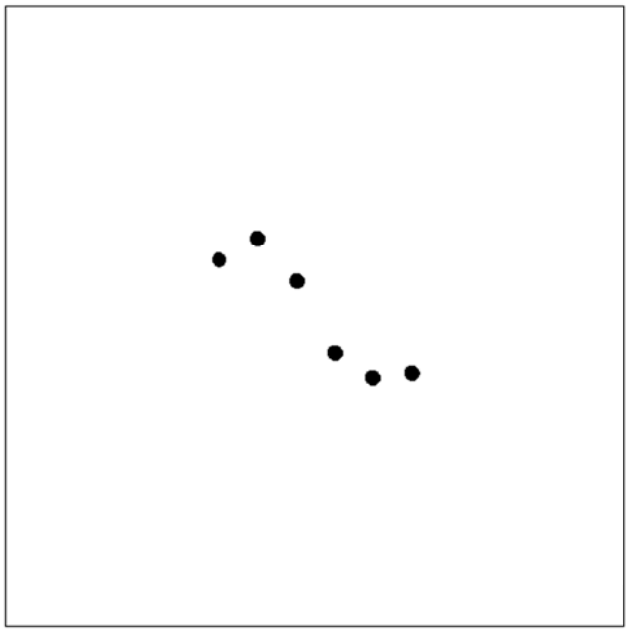

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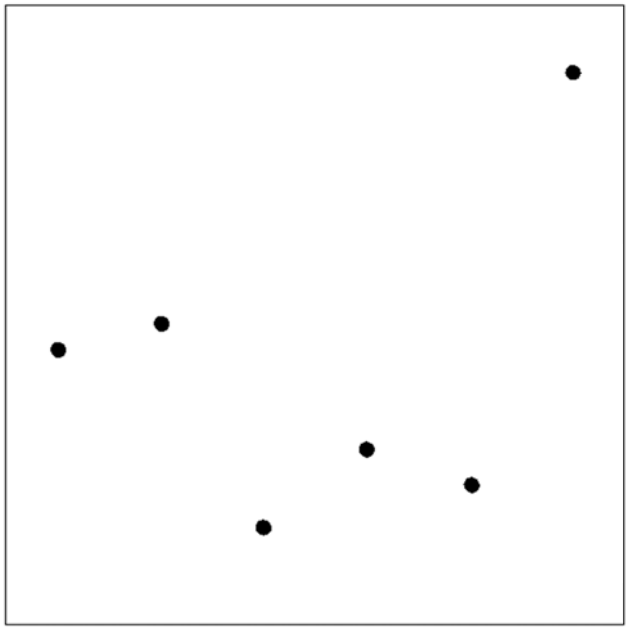

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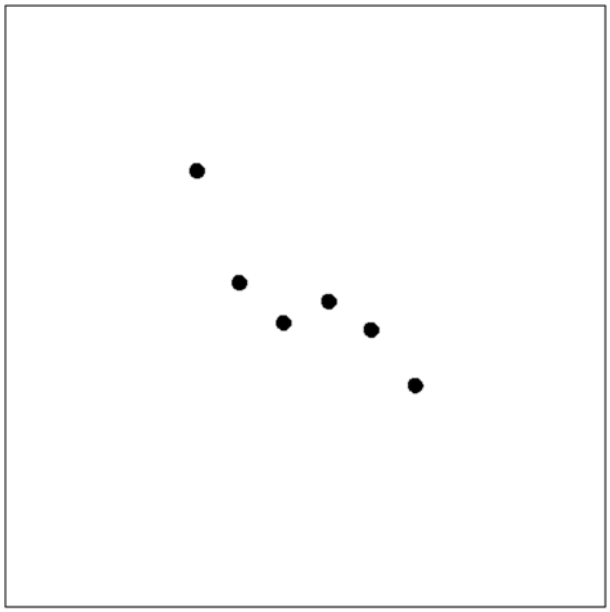

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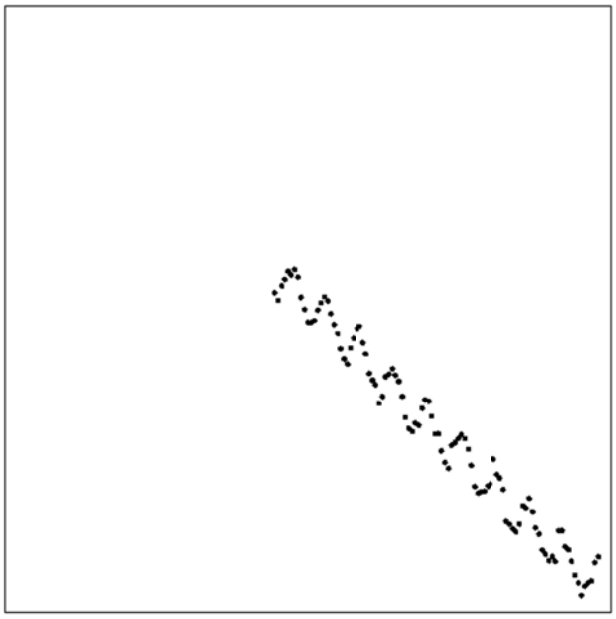

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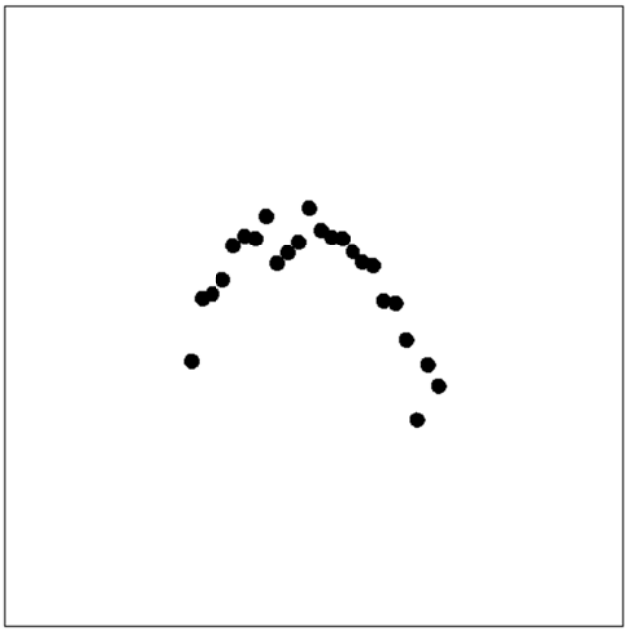

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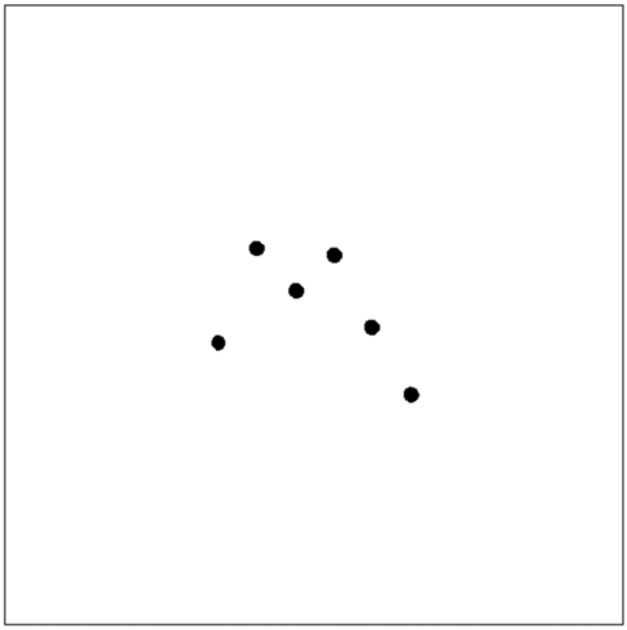

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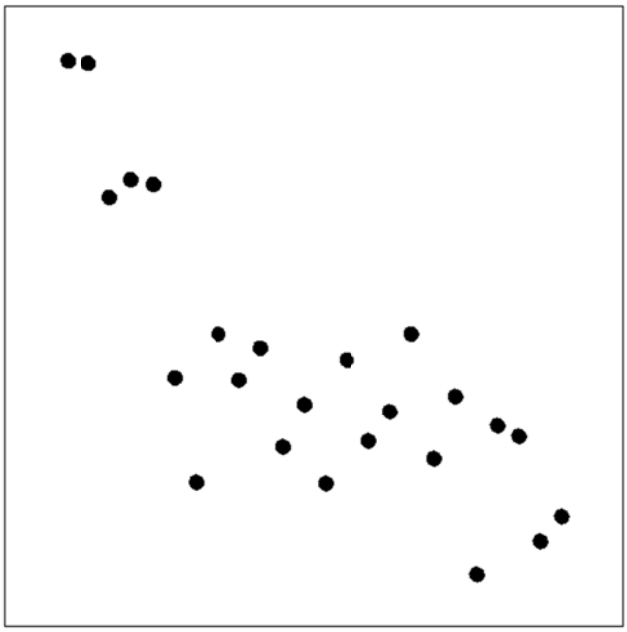

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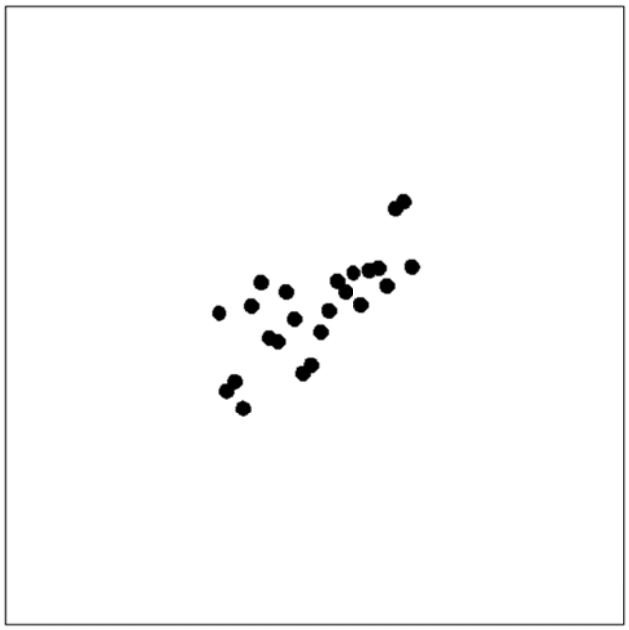

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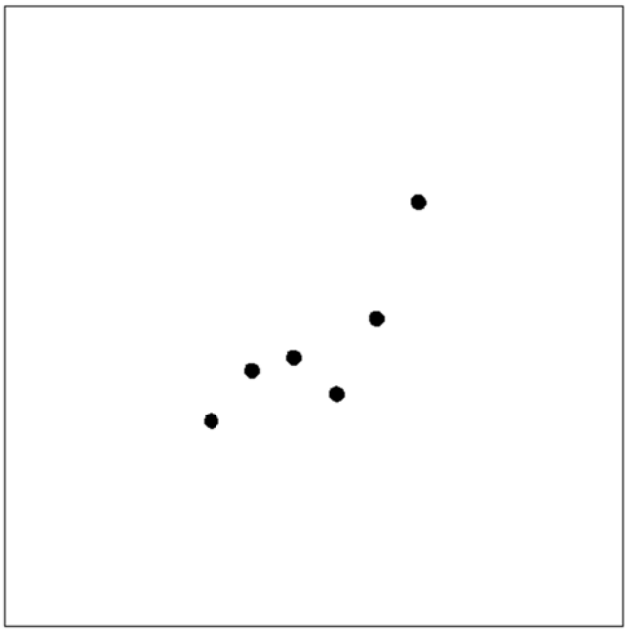

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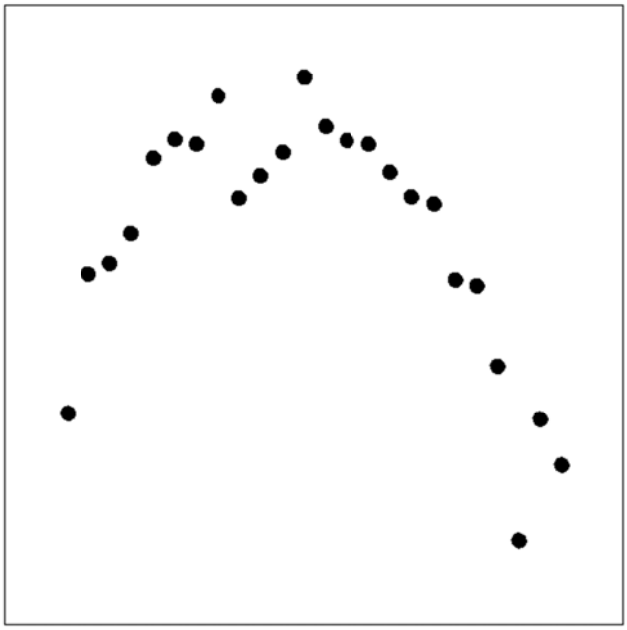

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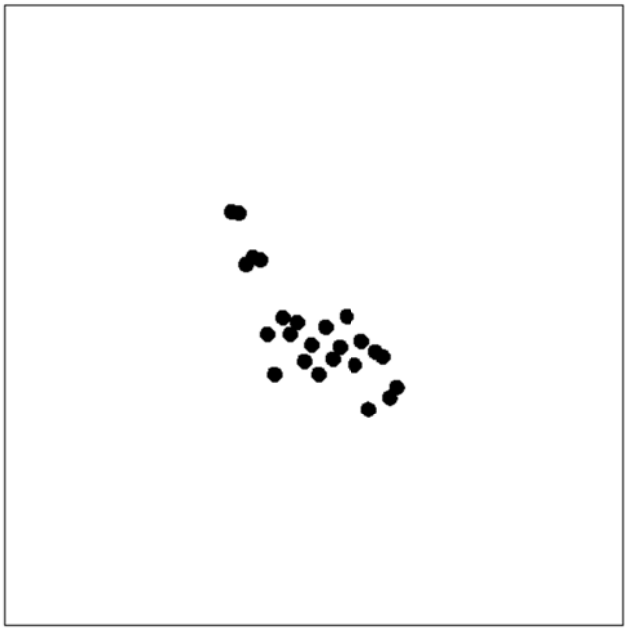

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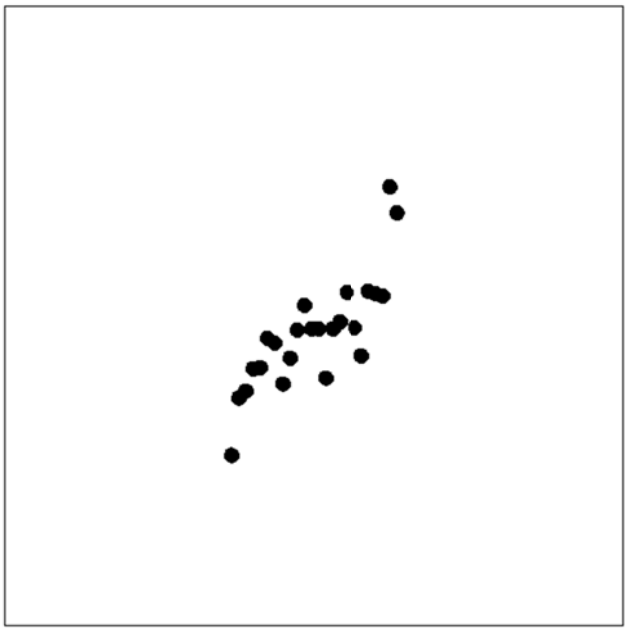

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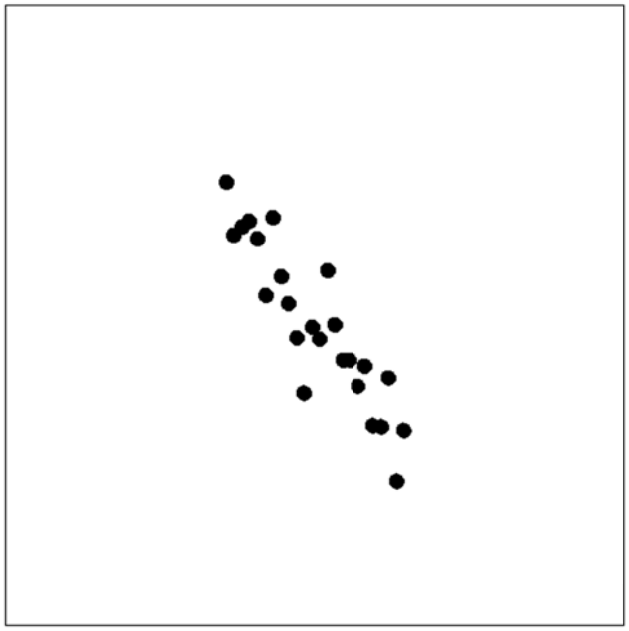

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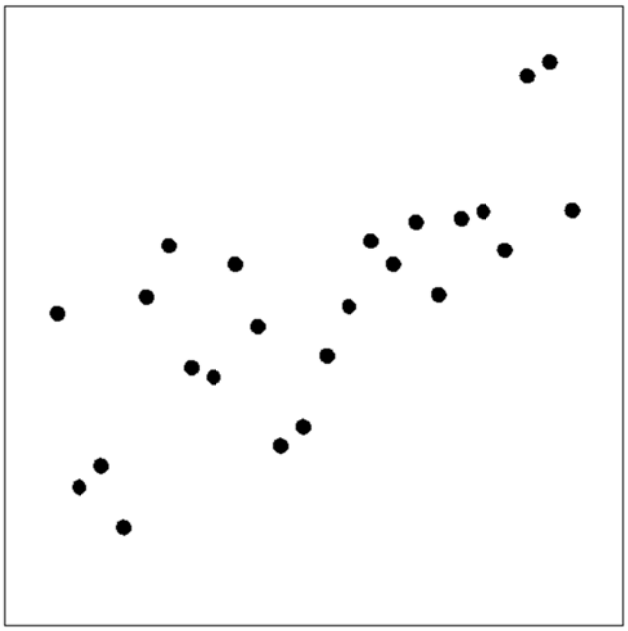

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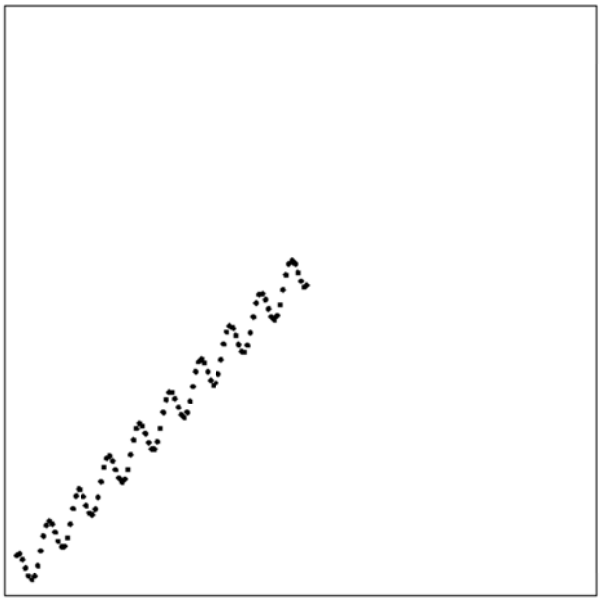

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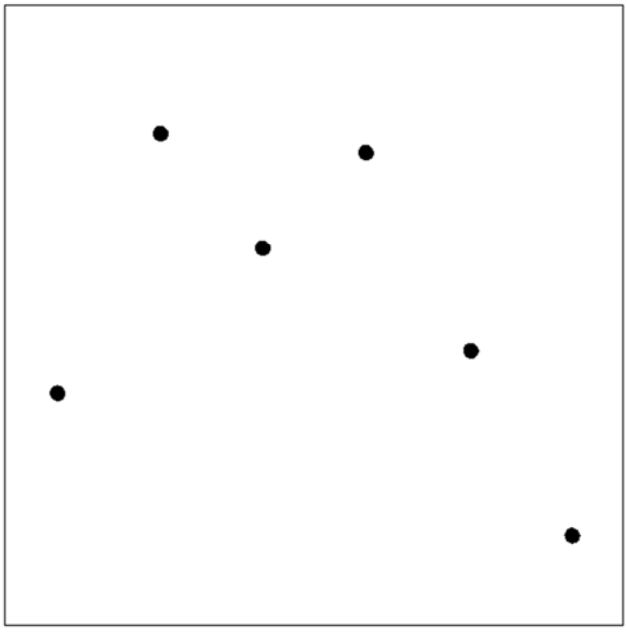

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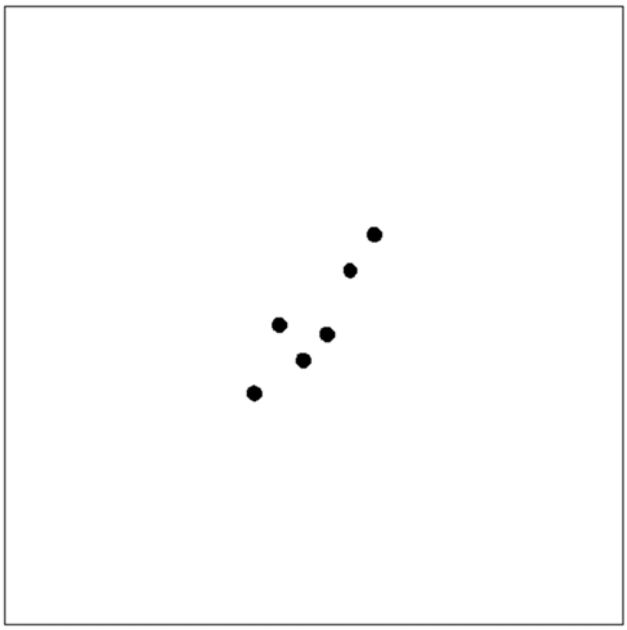

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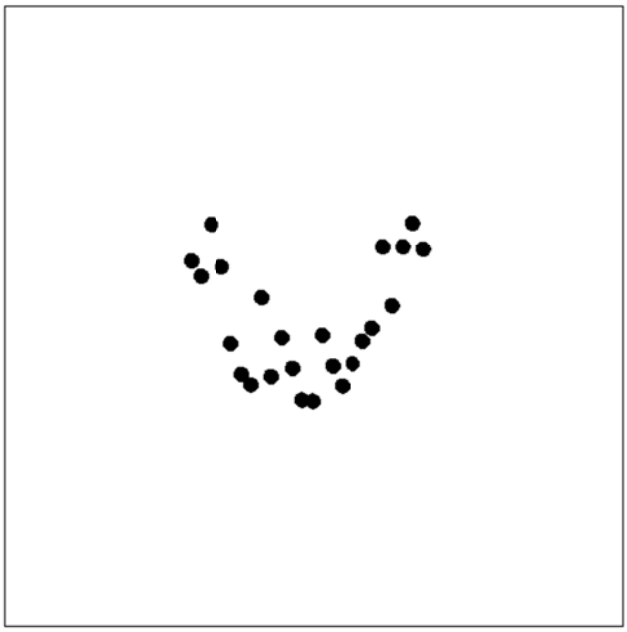

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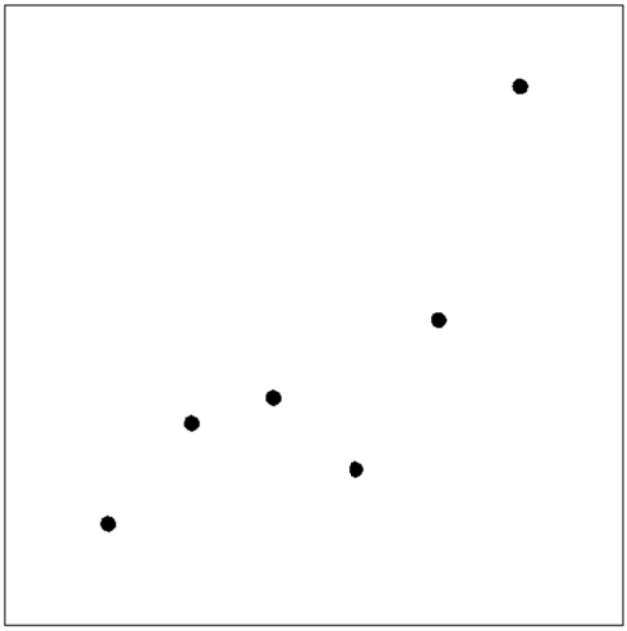

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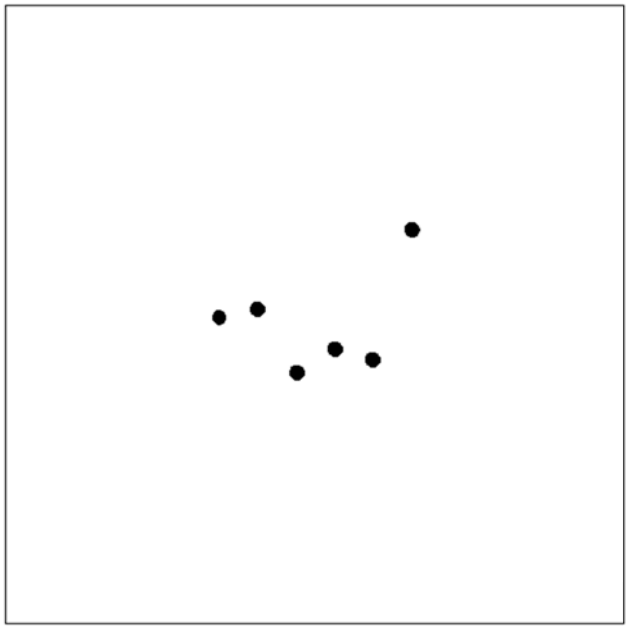
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