

Three data types: continuous, coin flips and counts

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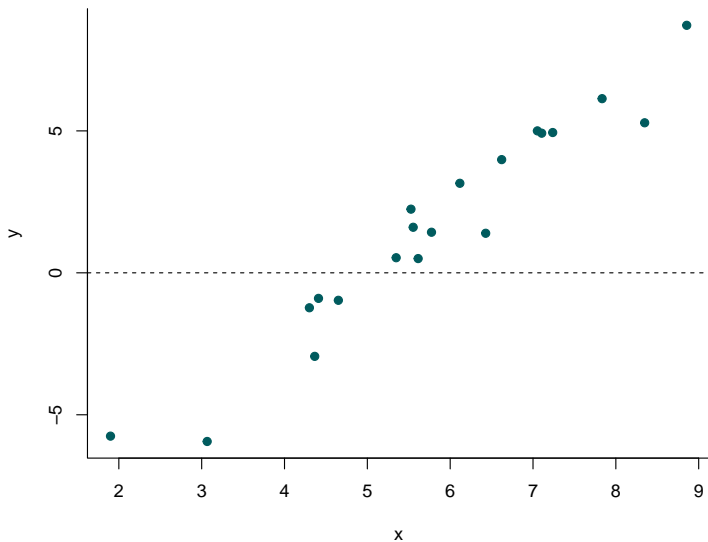


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Outline

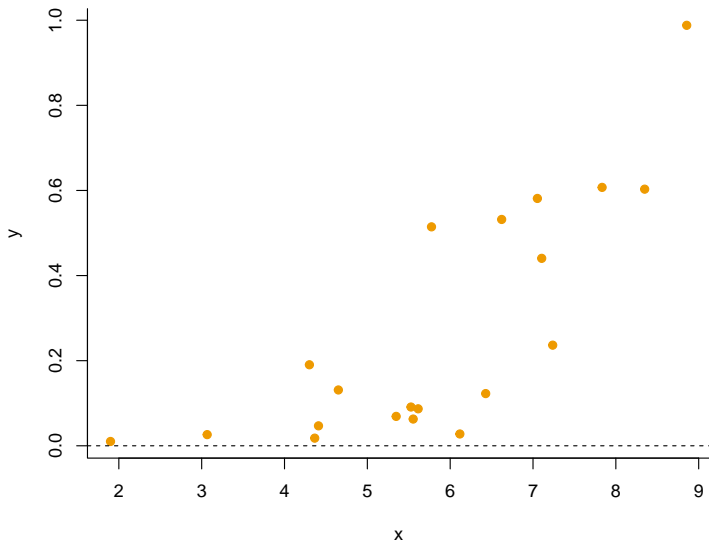
Describe some features of the response data y



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- Response y is continuous, e.g., $y = 1.25$ possible
- Response can be positive or negative (on the real line)
- Apparent positive linear relationship with continuous variable x
- **Example** y could be a change in water height

Describe some features of the response data y



Describe some features of the response data y

- Response y is also continuous, e.g., $y = 0.25$ possible
- Response can only be positive (on the positive real line)
- Apparent positive non-linear relationship with continuous variable x
- **Example** y could be mass of individuals
 - Discuss what values mass/weight of a fish could be