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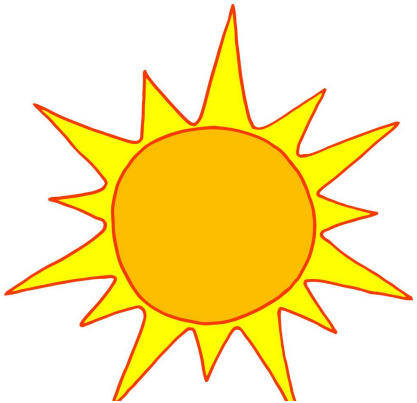
Ex. Global Warming and Pirates



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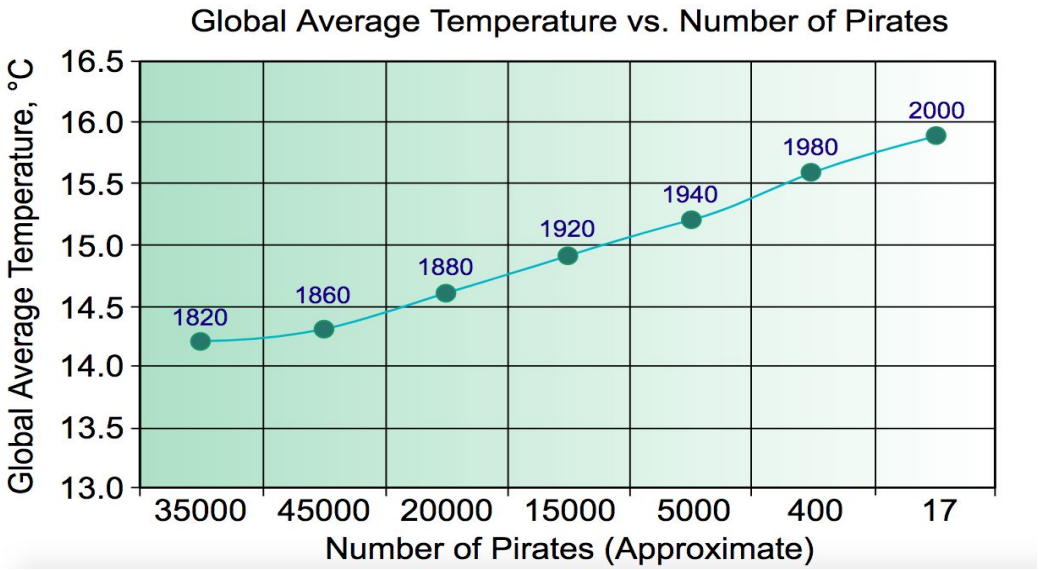

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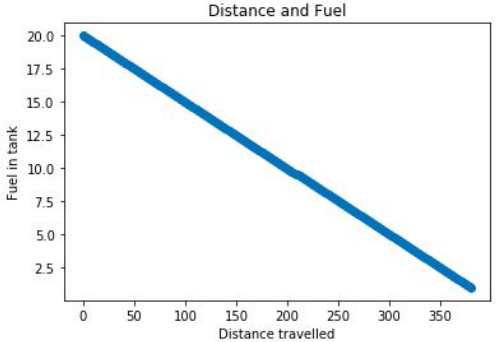

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Spuriousness or Spurious correlation

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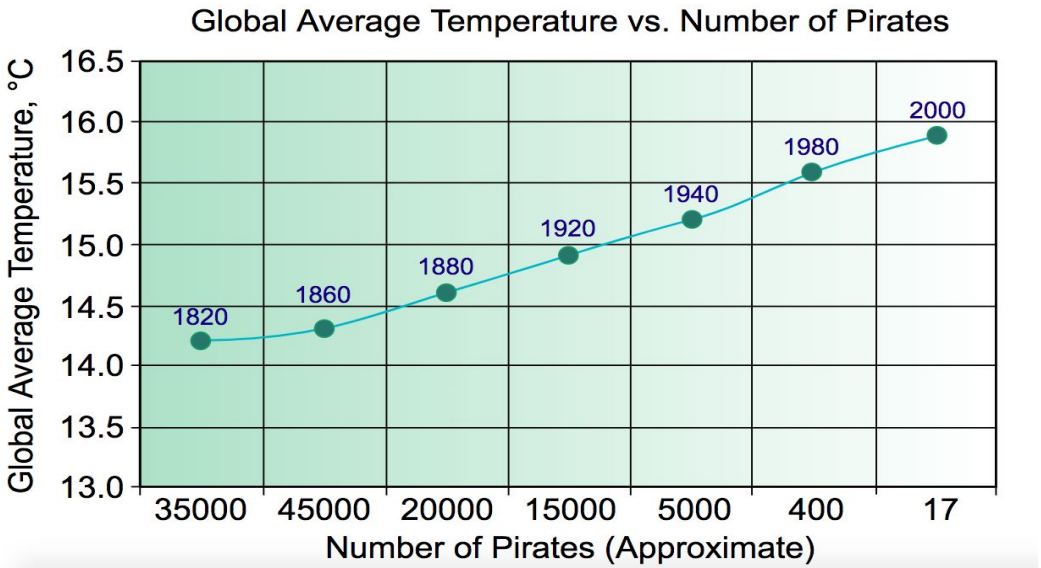

Why ?

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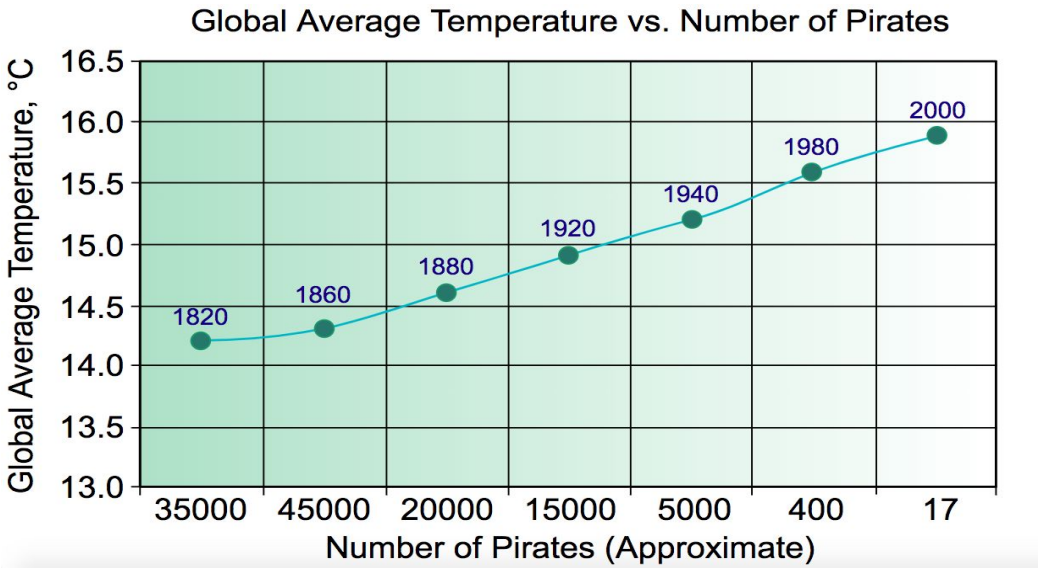

Increased Population → More fuel Consumption → Global Warming

Increased Population → More Pirates

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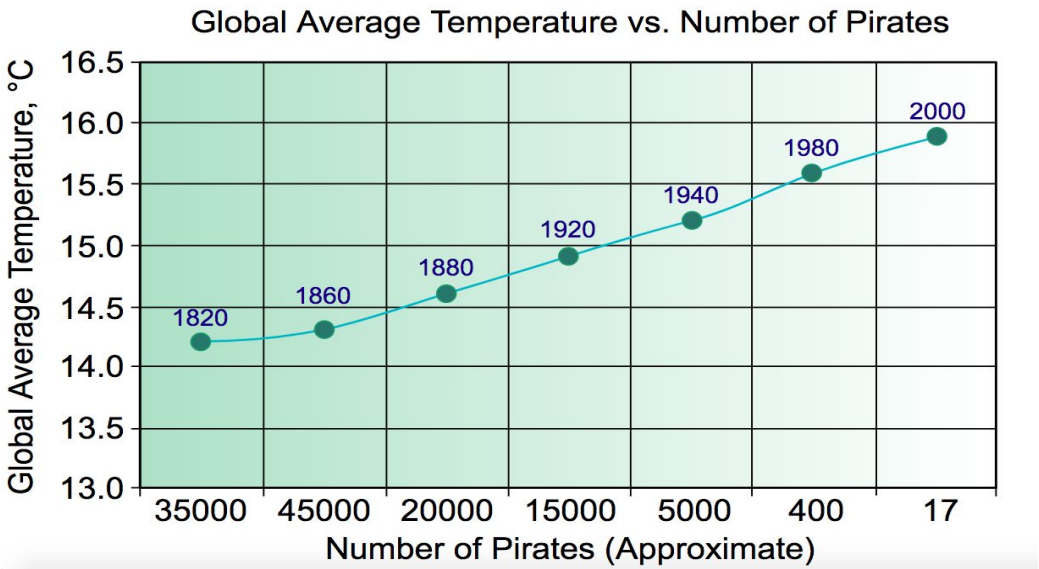
Ex. Global Warming and Pirates



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confounding factor

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Look for compounding factor

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Look for compounding factor

Look for coincidence

Thank You