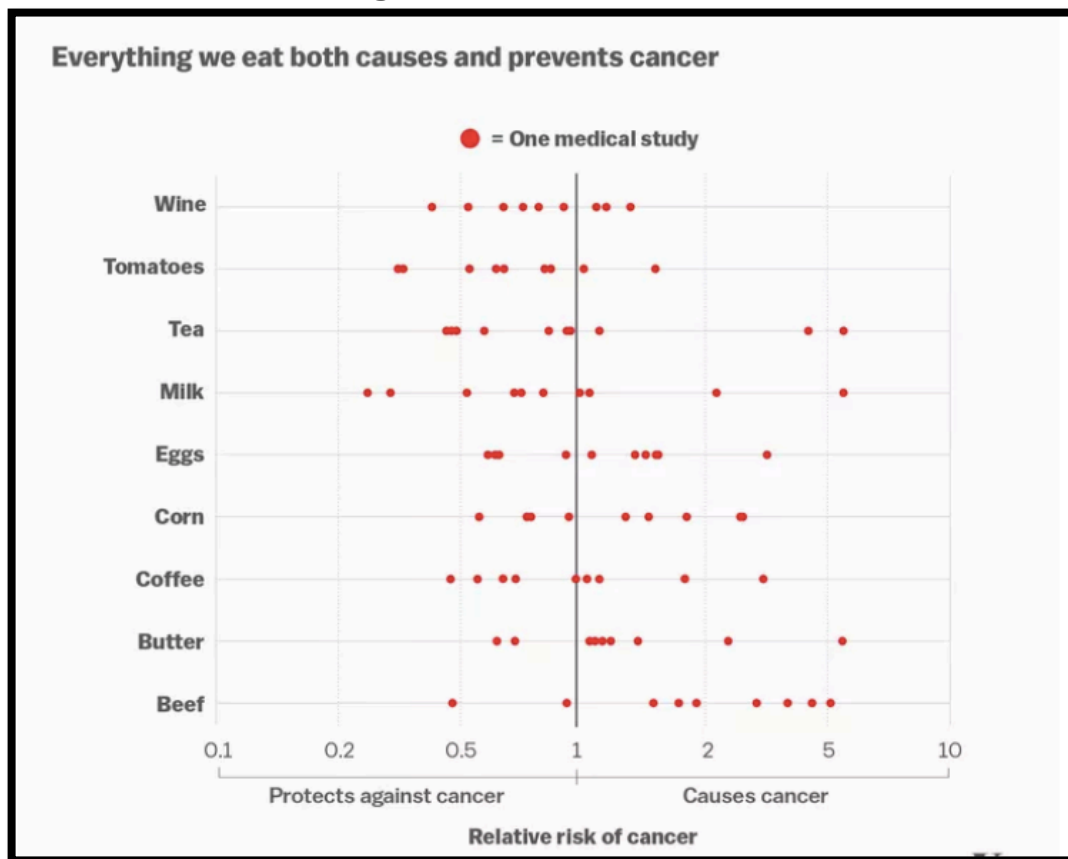


## Area of Knowledge: Natural Sciences

**Knowledge question:** How do we construct knowledge in the natural sciences?

**Do Now:** Watch news report. Based on this, should we conclude that drinking coffee poses a cancer risk? In other words, can we say that we *know* that coffee consumption leads to increased cancer risk? Explain your thoughts.

### 2. Evaluate the following chart



- Based on this chart, what conclusions can you come to about the risk of cancer based on popular foods and beverages? Think generally, not about any specific

food or beverage above. Think about the nature of experiments and proof in the natural sciences.

- What are the implications of this chart as far as our ability to produce medical *knowledge*?