Exercise 6.1: Judging Relationships

This is Exercise 6.1 in Chapter 6 of the book by Opie and Brown (2019). A discussion of the views of the author can be found in the file **Judging Relationships – Discussion**.

**Exercise 6.1**

For each of the cases presented here consider whether there is, or may be, a relationship between the two named things. In doing so would you say the relationship is:

Causal; positive or negative correlation; reasonable to hypothesise causality; coincidence; a common relationship with a third thing; an association but no causal link

1. Brake applied/car slows down
2. Better qualifications/higher pay
3. Age/quality of eyesight
4. City centre crime/number of CCTV (closed-circuit television) cameras in operation in the city centre
5. Number of CCTV cameras in operation in the city centre/city centre crime
6. Length of left arm/length of right arm
7. Day/night
8. Birth-rate in Britain between 1875 and 1920/production of pig-iron in the USA between 1875 and 1920
9. Class size/effectiveness of teaching
10. Teaching/earning

Opie, C. and Brown, D. (eds) (2019)*Getting Started in Your Educational Research: A Student’s Guide to Design, Data Production and Analysis*. London: Sage.