

ADS2 Tutorial 7

Monday, October 28, 2019 – 14:00/15:00

Facilitator: GL

## Chocolate and weight loss

Based on Bohannon (2015) paper

### **Questions for discussion:**

What are the research questions?

What are the hypotheses?

What are the null hypotheses?

What information was collected?

How does it relate to the research questions?

**Do they convince you that chocolate helps with weight loss?**

**If not, why not?**

Think about the following considerations:

What controls are used? Are they sufficient?

Do you understand terms, variables and units?

Is all data shown? Is anything missing?

Do figures match interpretations?

Do authors give access to raw data?

What is the sample size? Is it large enough?

Is sample selected properly? Are there any biases/confounding factors?

How many statistical comparisons are made? Is multiple testing correction performed?