

### **Take home message**

When encountering statistics,

1. Check the source (ask yourself, is the source biased? If so, what is the likely bias?)
2. Is the sample size reasonable (ask yourself, is it too small to be representative?)
3. Is the sampling method reasonable (ask yourself, is it biased? If so, how will it affect the conclusion?)

### Extended Readings

P. Schuster, The Dilemma of Statistics, *Complexity*, Vol 20(1), pp. 11-15, 2014.