

M&M § 2.5 and §2.6 Causation : Example 1

Does using a Macintosh lead to sloppier writing?

Quill or Computer?

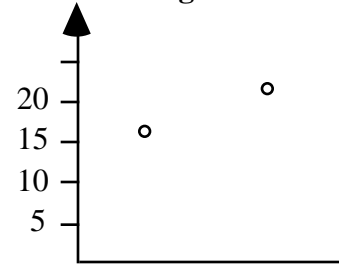
Los Angeles Times, August 9, 1990

Item: Using an Apple Macintosh can lead to "sloppier writing and fluffier topics," according to research by a University of Delaware writing instructor. Analysis of a random sample found that 30% of the Mac writers used complex sentences compared to 50% of the IBM- clone writers.

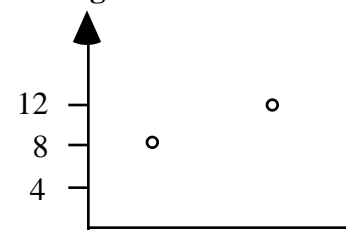
Sentence length averaged 16.3 words for the Mac essays and 22.6 from those written on PCs. And the Kincaid Scale, a measure of readability, showed Mac users writing at the 8th grade level versus 12th grade for the IBM clone group. "Never before in 12 years of teaching had I seen such a sloppy bunch of papers," wrote Delaware's Marcia Peoples Halio in "Student Writing: Can the Machine Maim the Message?" "Words were misspelled; commas were placed haphazardly; semicolons were virtually non-existent or placed by means of "breath" punctuation rules, and such fine points as quotation marks, apostrophes and question marks were treated with gay abandon." The Mac's format seems to "encourage a simple sentency structure and childish vocabulary. On the other hand, the papers that the Mac class turned in were often very creatively illustrated."

Your reaction...?

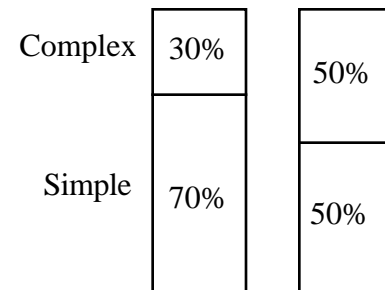
Sentence Length



Writing Level



Sentence structure



Mac

IBM

§ 2.5 and §2.6 Causation : Example 3
Better Service from Canada Post ? *Do you agree?*

In 1989, after a major 1988 restructuring, Canada Post delivered a pamphlet to every mailbox in Canada:

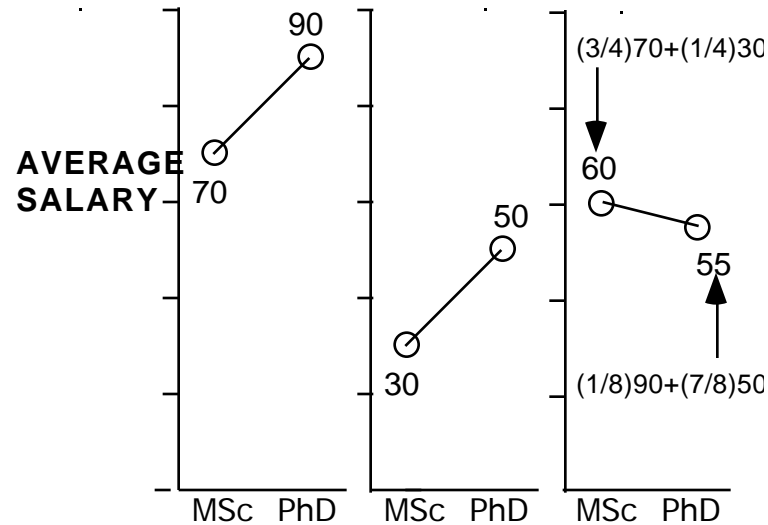
"We promised you better service and we are living up to that commitment. Independent auditors make ongoing measurements of our delivery performance"

Delivery	Our Promise	% of letters delivered on time	
		Oct-Dec'87*	Jan-Mar'89*
Same city	2 DAYS	83%	94%
Same prov.	3 DAYS	79%	95%
B/w prov.	4 DAYS	85%	96%

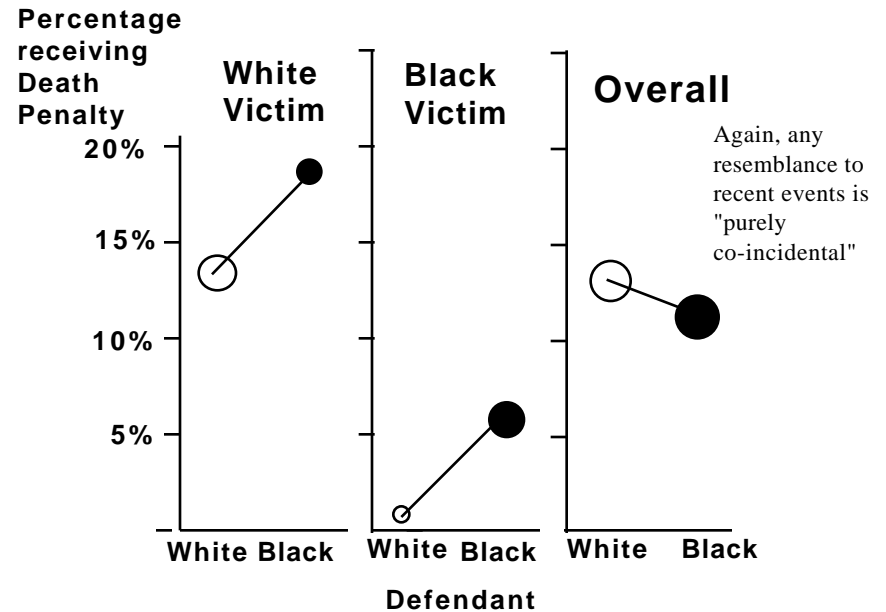
* pre & *post restructuring programme.

§2.5 Simpson's Paradox e.g. 1
 [earlier Simpson, no relation to "OJ"]

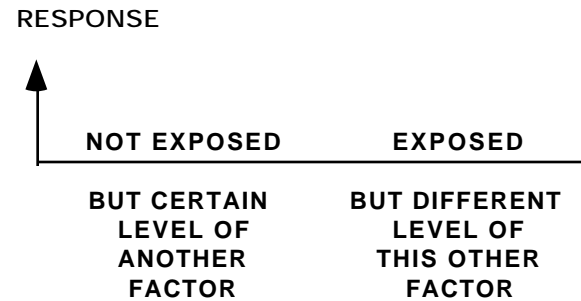
INDUSTRY ACADEMIA OVERALL



§2.5 Simpson's Paradox eg 2 (source: M&M page 197)



or...



or...

