

STATISTICAL HIGHLIGHTS TITLES (Listed alphabetically)

[For the 'ERROR' and 'RELATIONSHIPS' Highlights, their numbers are also shown at the right in the order of the sequence of *ideas*]
 [A Highlight number with a right hand (⇒) indicates a suggested entry point into a main topic with multiple entries.]

1.	ACCURACY OF INFORMATION: Claude Émile Jean-Baptiste Litre [4 sides]	
2.	CONFIDENCE INTERVALS: Quantifying Sampling (and Measuring) Imprecision for Some Types of Questions [18 sides]	
3.	'CONFOUNDING' – Usage in Statistics [4 sides]	
4.	DISCRETE PROBABILITY HISTOGRAMS: Hypergeometric, Binomial, Negative Binomial and Poisson Distributions [4 sides]	
5.	EIKOSOGRAMS: Visualizing Probabilities [10 sides]	Sequence of ideas
⇒ 6.	ERROR: An Introduction – Categories, Definitions and Management Strategies [6 sides]	6.
7.	Bias and Rms Error [2 sides]	18.
8.	Categorization of Error in the Social Sciences [2 sides]	22.
9.	Comparison Error in Experimental Plans and Observational Plans – The Confounding Effect [12 sides]	16.
10.	Comparison Error – Quantifying a Treatment Effect under EPA in Experimental Plans [6 sides]	17.
11.	Measurement error – <i>Poorly phrased census questions costly / Perhaps if you rephrased ...</i> [4 sides]	21.
12.	Measurement error – <i>Deficit outranks jobs in poll / Liberals near majority, Globe poll ...</i> [4 sides]	19.
13.	Measurement error – <i>Myth of poor worker training attacked / The attack on red wine's hearty ...</i> [2 sides]	20.
14.	Measurement error – <i>The mismeasure of statistical reckoning</i> [2 sides]	11.
15.	Measurement error – Youden's <i>Enduring Values</i> [2 sides]	12.
16.	Non-response error – <i>Residents in Toronto crankiest, poll finds / Opinion polls skewed by folks ...</i> [2 sides]	13.
17.	Non-response error – <i>The Literary Digest Poll</i> [2 sides]	14.
18.	Overall Error for Questions with a Descriptive Aspect [6 sides]	15.
19.	Sample Error – Illustrations from the Set of All Possible Samples for a Population [4 sides]	9.
20.	Sample Error – <i>Schneider's won't get rebate over blood spilled into sewer / Dog impresses scientists ...</i> [2 sides]	10.
21.	Sample Error – Why Does Introductory Statistics Teaching Emphasize 'Random' Selecting? [8 sides]	7.
22.	Study Error – <i>Miracle cure that kills claims fifth victim</i> [2 sides]	8.
⇒ 23.	GRAPHICAL ATTRIBUTES: An Introduction to Graphical Excellence – Napoleon's Russian Campaign [2 sides]	
24.	<i>Heroic self-sacrifice cut death toll at WTC</i> [2 sides]	
25.	Histograms – Civil Service Examination Scores [2 sides]	
26.	Histograms – How To Construct Them	
27.	<i>Looking beyond the natural gas glut / Study shows Canadians' tax burden is ...</i> [2 sides]	
28.	Nicotine Exposure in Cigarette Smoking Cessation [2 sides]	
29.	Scatter Diagrams [2 sides]	
30.	Scatter Diagrams – Pearson's Parent-Child Height Data (reconstructed)	
31.	Scatter Diagrams – The Challenger Disaster [3 sides]	
32.	Stemplots – <i>7 deadly days</i> [2 sides]	
⇒ 33.	MEASURING: An Introduction [2 sides]	
34.	<i>Are we too obsessed with real GDP? / How does McDonald's know it's sold 70 billion?</i> [2 sides]	
35.	Dating the Shroud of Turin [2 sides]	
36.	<i>Do lefties live as long as righties? Debate rages on / Kids don't know their geography</i> [3 sides]	
37.	<i>Drawing the line on drinking and driving / 15,000 census-takers count U.S. homeless / Forget standard ...</i> [4 sides]	
38.	Measuring Processes [8 sides]	
⇒ 39.	Paper Thickness [2 sides]	
40.	<i>Random violence skews crime perception / How risk affects ... / Seven shuffles are ... / Court cuts ...</i> [4 sides]	
41.	Ranking Student Performance [2 sides]	
42.	<i>Shrinking kilogram sows mass ... / Self-esteem loses ... / New scoring system ... / Better off red</i> [6 sides]	
43.	Canadian Census Data Gathering – <i>Tallying where none has gone before / Census feeds passion ...</i> [6 sides]	
44.	<i>The war over 'who is poor' / New yardstick places more people in poverty / ... / ... / ...</i> [7 sides]	
45.	<i>Violence survey takes toll on staff / 50% of women report assaults / Measuring university ...</i> [4 sides]	
46.	PARADOXES: Ali-Baba Paradox [2 sides]	
47.	Apple Pie Paradox [2 sides]	
48.	Efron's Dice [2 sides]	
49.	Monty Hall / Three Prisoners' Dilemma [4 sides]	
50.	Silver car/grey car [2 sides]	
⇒ 51.	Simpson's Paradox [8 sides]	
⇒ 52.	REGRESSION: An Introduction – Overview of the Ideas [12 sides]	
53.	Anscombe's Four Simple Linear Regression Data Sets [2 sides]	
54.	Minimizing Perpendicular Distances [2 sides]	
55.	The Regression Effect	Sequence of ideas
56.	<i>Will women soon outrun men?</i> [2 sides]	57.
⇒ 57.	RELATIONSHIPS IN STATISTICS: An Introduction [2 sides]	58.
58.	Association – Statistical Issues [2 sides]	66.
59.	Association Among Variates and Causation [2 sides]	61.
60.	Association and Causation – Reality and Illusion [4 sides]	62.
⇒ 61.	Causation – An Introduction [2 sides]	59.
62.	Causation – Statistical Issues [2 sides]	60.
63.	Comparative Plans – Terminology and the Protocol for Choosing Groups [6 sides]	63.

		Sequence of ideas
64.	RELATIONSHIPS IN STATISTICS: Comparative Plans and Causal Structures [4 sides]	64.
☞ 65.	(continued) Connections Among Three Variates [2 sides]	65.
☞ 66.	Correlation: Its Properties and Its Interpretation [16 sides]	68.
67.	<i>Health Canada saw danger to district</i> [2 sides]	69.
68.	Protocol for Setting Levels and Interaction [2 sides]	67.
69.	Simpson's Paradox and Interaction [4 sides]	70.
70.	<i>To skeptics, seeing isn't believing</i> [2 sides]	
☞ 71.	RESPONSE MODELS IN STAT 231: An Introductory Overview [2 sides]	
72.	Definitions of Symbols [2 sides]	
73.	Least Squares Estimating of Parameters [2 sides]	
74.	Modelling Sample Error and Measurement Error [10 sides]	
☞ 75.	SAMPLING and SURVEY An Introduction to Survey Sampling [4 sides]	
☞ 76.	SAMPLING: Equiprobable Selecting – Diagrammatic Illustrations [8 sides]	
77.	Estimating a Population Average or Total [14 sides]	
78.	How Polls Are Conducted [2 sides]	
79.	Polling – <i>Polling has become a form of disinformation</i> [2 sides]	
80.	Polling – <i>Scientific side of opinion polls doesn't stand up</i> [2 sides]	
81.	Polling – <i>Support for NAFTA growing, poll says / Trade deal dangerous, ...</i> [2 sides]	
82.	Polling – <i>The polls dance to anybody's tune</i> [4 sides]	
83.	Question Aspect and Method of Sample Selecting [4 sides]	
84.	Sample Selecting and Unit (or Element) Inclusion Probabilities [4 sides]	
85.	Selecting Protocols Beyond Equiprobable Selecting [4 sides]	
86.	<i>The extent of sexual violence in women's lives / 50% of women report ... / ...</i> [6 sides]	
☞ 87.	STATISTICS and STATISTICAL An Introduction – What is Statistics About? [2 sides]	
88.	METHODS: FDEAC CYCLE – An Overview [20 sides]	
89.	FDEAC CYCLE – Experimental and Observational Plans [18 sides]	
90.	FDEAC CYCLE – Questions and Statistical Questions [2 sides]	
91.	Glossary for Introductory Statistics – Distinctions and Notation [24 sides]	
92.	<i>Dubious data awards highlight statistical follies / Science stories ...</i> [2 sides]	
93.	<i>Ignorance on parade</i> [2 sides]	
94.	Populations and Processes and Their Broader Implications [12 sides]	
95.	Process improvement – <i>Factory magic</i> [4 sides]	
96.	Process improvement – W. Edwards Deming: A System of Profound Knowledge	
97.	Process improvement – <i>Sweating the details</i>	
98.	Process improvement – <i>The key role of statisticians ... North American industry</i> [4 sides]	
99.	<i>Sex, statistics and wages / Women's occupations still lowest-paying, ...</i> [3 sides]	
100.	Standard Deviation and Standard Pairwise Difference as Measures of Variation [10 sides]	
101.	<i>Why IQ testing is junk science</i> [2 sides]	
102.	<i>Why, to science, the law's an ass</i> [2 sides]	
☞ 103.	TABLES: How To Construct Effective Tables [6 sides]	
104.	Probabilities for the Standard Normal Distribution (4- and 5-figure, 4- and 6-figure versions) [2 sides]	
105.	Percentiles for the <i>K</i> Distribution [2 sides]	
106.	University of Waterloo Distinguished Teacher Awards, 1976-1990 [2 sides]	