



Presentation of experimental data

Biosystem Instrumentation 2009

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Congratulations, you are now capable of writing technical, impersonal and boring papers like myself and the other gentlemen - welcome to Academia!



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Source: K. Sand-Jensen (2007)

- Sand-Jensen, K. (2007):
How to write consistently boring scientific literature.
Oikos 116 p.723-727

Misperception and miscommunication



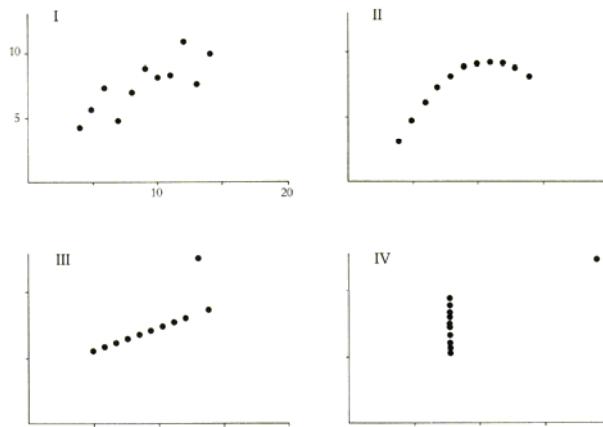
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Source: E.R. Tufte (1983)

Data displayed

- The same data graphically displayed



Good graph representation

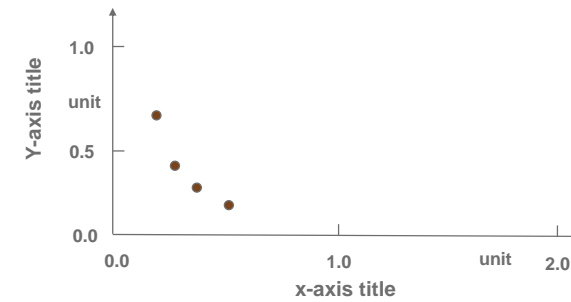
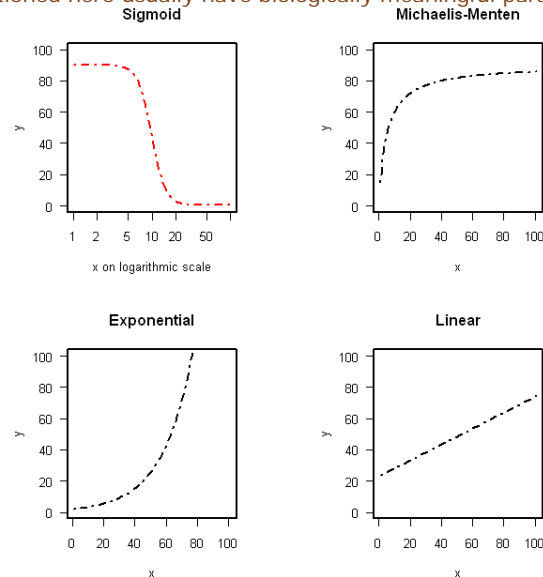


Figure: This is the *caption* which e.g. explains the relationship or process this graph is showing. Also this is the place to explain abbreviations etc.



In Weed Science there are few regressions functions to remember. The four mentioned here usually have biologically meaningful parameters



Soil water content (SWC) at different densities of cover crop and time of measurements during the drought stress in pots with *Cirsium arvense*, *Tussilago farfara* or *Elytrigia repens*

	Densities of cover crop	T1	T2	T3	T4	T5
		Mean (±SD)	Mean (±SD)	Mean (±SD)	Mean (±SD)	Mean (±SD)
<i>C. arvense</i>	0	34.0 (±1.73)	30.3 (±2.85)	22.1 (±1.57)	18.2 (±2.31)	15.7 (±2.49)
	5	33.0 (±3.09)	27.6 (±2.78)	22.0 (±2.12)	17.3 (±2.26)	9.6 (±1.68)
	10	30.8 (±5.29)	24.6 (±5.66)	19.0 (±2.62)	13.3 (±3.02)	7.2 (±1.03)
	15	29.3 (±2.51)	23.9 (±2.83)	17.3 (±1.24)	9.5 (±2.00)	6.7 (±0.46)
	20	25.6 (±3.10)	20.2 (±2.79)	14.3 (±1.30)	7.2 (±0.91)	6.4 (±0.53)
<i>T. farfara</i>	0	28.5 (±2.88)	28.1 (±3.98)	19.1 (±5.22)	17.1 (±4.76)	13.7 (±5.35)
	5	28.0 (±2.48)	24.4 (±2.66)	16.9 (±2.30)	12.9 (±2.78)	8.0 (±1.30)
	10	28.6 (±2.73)	23.3 (±2.69)	14.8 (±3.65)	10.3 (±2.50)	6.3 (±0.51)
	15	26.1 (±3.57)	22.5 (±3.29)	12.0 (±2.46)	7.8 (±1.16)	6.1 (±0.35)
	20	24.6 (±2.34)	20.8 (±2.19)	12.8 (±2.21)	6.6 (±0.58)	6.0 (±0.75)
<i>E. repens</i>	0	29.7 (±3.84)	26.2 (±3.86)	21.5 (±2.00)	19.3 (±2.37)	16.1 (±3.18)
	5	32.0 (±2.52)	28.2 (±2.10)	21.3 (±2.52)	17.5 (±2.28)	9.5 (±1.85)
	10	29.2 (±3.49)	24.7 (±2.42)	19.1 (±2.81)	15.2 (±3.20)	7.8 (±0.99)
	15	27.4 (±2.69)	22.6 (±3.11)	17.0 (±2.48)	12.5 (±4.15)	7.2 (±1.28)
	20	26.6 (±2.15)	22.3 (±1.71)	15.0 (±2.05)	9.8 (±1.92)	6.6 (±0.74)



Drought and perennials

Soil water content under different cover crop densities

