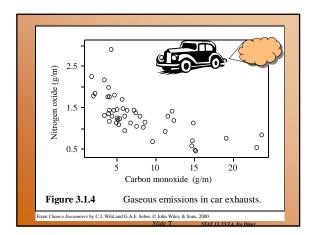
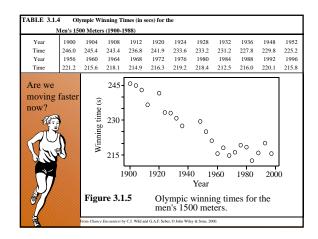
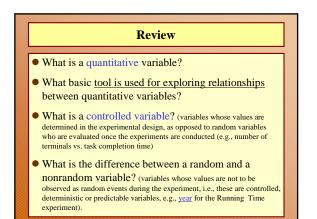
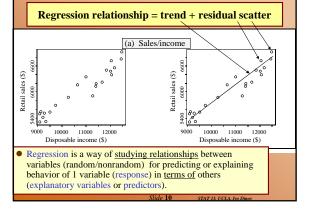


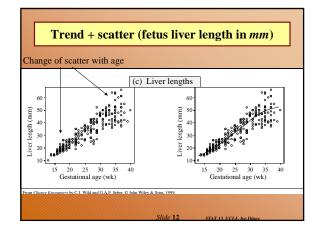
TABLE 3.1.3 Gaseous Emissions in Car Exhausts (gram per mile)											
Car	HC	CO	NOX	Car	HC	СО	NOX	Car	HC	СО	NOX
1	0.50	5.01	1.28	17	0.83	15.13	0.49	32	0.52	4.29	2.94
2	0.65	14.67	0.72	18	0.57	5.04	1.49	33	0.56	5.36	1.26
3	0.46	8.60	1.17	19	0.34	3.95	1.38	34	0.70	14.83	1.16
4	0.41	4.42	1.31	20	0.41	3.38	1.33	35	0.51	5.69	1.73
5	0.41	4.95	1.16	21	0.37	4.12	1.20	36	0.52	6.35	1.45
6	0.39	7.24	1.45	22	1.02	23.53	0.86	37	0.57	6.02	1.31
7	0.44	7.51	1.08	23	0.87	19.00	0.78	38	0.51	5.79	1.51
8	0.55	12.30	1.22	24	1.10	22.92	0.57	39	0.36	2.03	1.80
9	0.72	14.59	0.60	25	0.65	11.20	0.95	40	0.48	4.62	1.47
10	0.64	7.98	1.32	26	0.43	3.81	1.79	41	0.52	6.78	1.15
11	0.83	11.53	1.32	27	0.48	3.45	2.20	42	0.61	8.43	1.06
12	0.38	4.10	1.47	28	0.41	1.85	2.27	43	0.58	6.02	0.97
13	0.38	5.21	1.24	29	0.51	4.10	1.78	44	0.46	3.99	2.01
14	0.50	12.10	1.44	30	0.41	2.26	1.87	45	0.47	5.22	1.12
15	0.60	9.62	0.71	31	0.47	4.74	1.83	46	0.55	7.47	1.39
16	0.73	14.97	0.51								
Sour	ca: Lorar	nzen [1980	a								

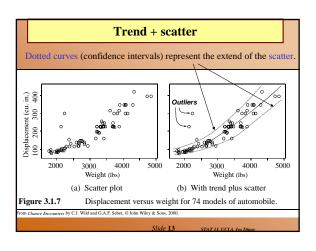


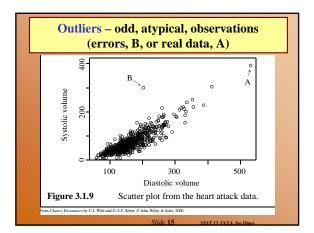


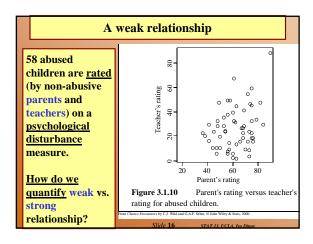


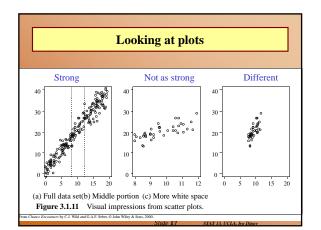


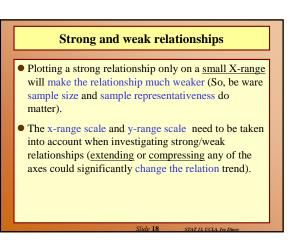


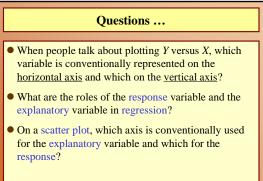






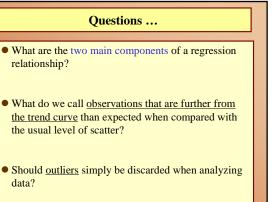






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## Questions ...

- What should you immediately do when you identify an outlier?
- What makes some relationships look <u>weak</u> and others look <u>strong</u>?
- Under what circumstances can a <u>strong relationship</u> <u>look weak</u> in a scatter plot?
- What do we mean by association between two variables? (scatter plot trend that can not be explained by chance alone, implies the two variables are associated) A positive association? (If y and x are associated and y increases with x). A negative association? (If y and x are associated and y decreases with x).

