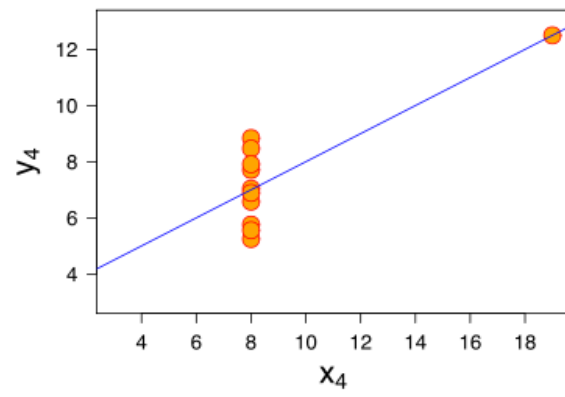
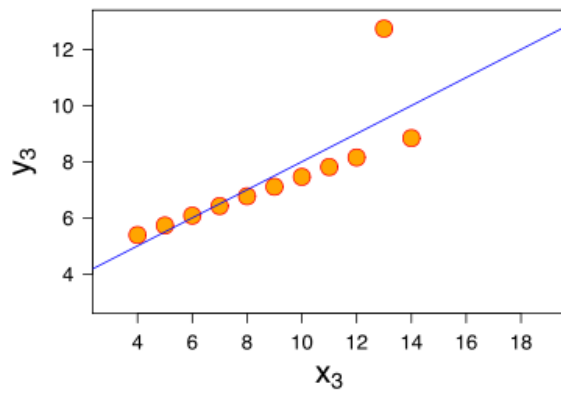
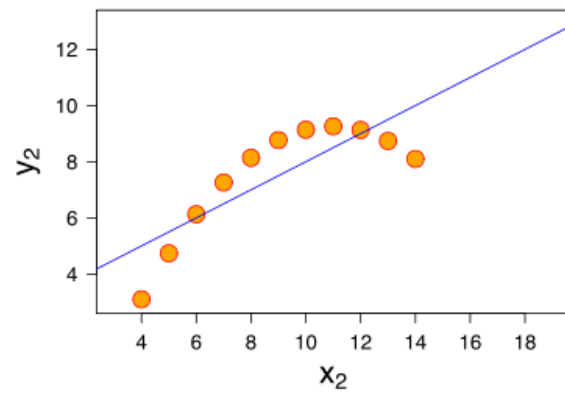
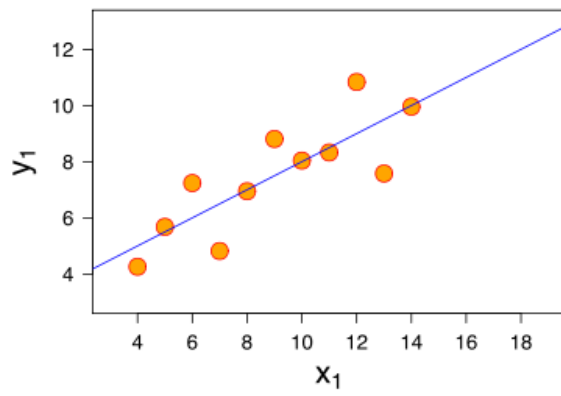


Misspecification Bias

Anscombe's Quartet

	x1	y1	x2	y2	x3	y3	x4	y4
1	10	8.04	10	9.14	10	7.46	8	6.58
2	8	6.95	8	8.14	8	6.77	8	5.76
3	13	7.58	13	8.74	13	12.74	8	7.71
4	9	8.81	9	8.77	9	7.11	8	8.84
5	11	8.33	11	9.26	11	7.81	8	8.47
6	14	9.96	14	8.1	14	8.84	8	7.04
7	6	7.24	6	6.13	6	6.08	8	5.25
8	4	4.26	4	3.1	4	5.39	19	12.5
9	12	10.84	12	9.13	12	8.15	8	5.56
10	7	4.82	7	7.26	7	6.42	8	7.91
11	5	5.68	5	4.74	5	5.73	8	6.89
Mean	9	7.5	9	7.5	9	7.5	9	7.5
Variance	11	4.12	11	4.12	11	4.12	11	4.12
Correlation	0.816		0.816		0.816		0.816	
Regression	$y = 3 + 0.5x$		$y = 3 + 0.5x$		$y = 3 + 0.5x$		$y = 3 + 0.5x$	



(Borrowed from wikipedia: Anscombe's Quartet)