

Adm. 203, Apr. 77, Readings

Adm. 203. Tues. May 31, '77

- O. Assign Chaps 1 & 4, Ec. Rpt. of Pres.
- I. Comment on midterms
- II. Green Book, complete
- III. Survey Mc Curdy (will skip 7.5.)
- IV. Capl. Thy. & Plug. (& tax plug)

Core Readings, Adm. 205, Apr. '77

Read before
Apr.

- 12 Levine, Chap. 1 Intro
2 What works
3 Cases in point: Domestic

Saricoff, In L. Harris

- 19 Levine Chap. 4 Cases in point: Military
Stodolinski, Incentives & Info.
✓ Ann: R.M.S

- 26 Levine Chap. 5
6 Working w. Bureaucracy
✓ The Green Book

- May 3 Levine Chap. 7 Planning & Implm. of Pub. Programs. Thin
8 Planm & the Analyst Thin
McCurdy Ch. 3 Problems of Bureaucracy
Ch. 4 Politics of Admin.
~~Ch. 5 Policy Analysis~~
Hagood, Ave. Man
Ch. 9-12

May 10

The Forest Service

Clawson

~~Ferguson~~

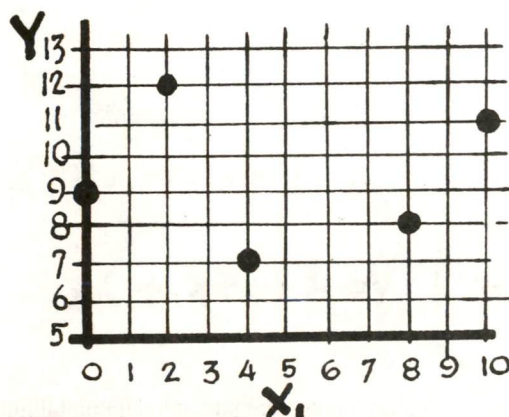
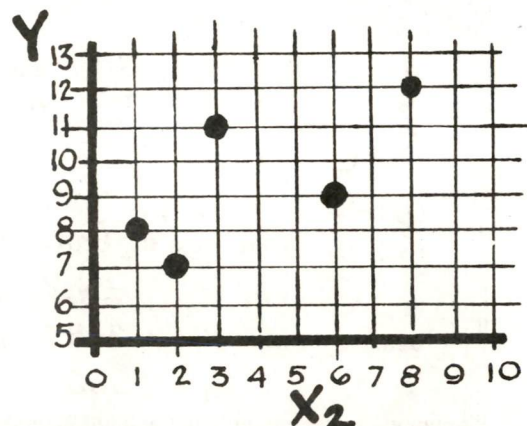


the final equation

Y	X ₁	X ₂
11	10	3
7	4	2
12	2	8
9	0	6
8	8	1

① HOW REGRESSION ANALYSIS WORKS:

TAKE 3 FACTORS-Y, X₁, X₂,
OBJECTIVE: TO FIND THE
RELATION BETWEEN THEM.



② THERE'S NO APPARENT RELATIONSHIP WHEN
CONSIDERED INDIVIDUALLY —

③ BUT REGRESSION ANALYSIS REVEALS AN OBVIOUS
RELATIONSHIP WHEN CONSIDERED SIMULTANEOUSLY —

$$Y = a_0 + a_1 X_1 + a_2 X_2$$

OBS	Y	X ₁	X ₂	X ₁ Y	X ₁ ²	X ₁ X ₂	X ₂ Y	X ₂ ²
1	11	10	3	110	100	30	33	9
2	7	4	2	28	16	8	14	4
3	12	2	8	24	4	16	96	64
4	9	0	6	0	0	0	54	36
5	8	8	1	64	64	8	8	1
Σ	47	24	20	226	184	62	205	114
N	ΣY	ΣX ₁	ΣX ₂	ΣX ₁ Y	ΣX ₁ ²	ΣX ₁ X ₂	ΣX ₂ Y	ΣX ₂ ²



④ SOLVE SIMULTANEOUS EQUATION :

$$① \Sigma y = Na_0 + \Sigma x_1 a_1 + \Sigma x_2 a_2$$

$$② \Sigma x_1 y = \Sigma x_1 a_0 + \Sigma x_1^2 a_1 + \Sigma x_1 x_2 a_2$$

$$③ \Sigma x_2 y = \Sigma x_2 a_0 + \Sigma x_1 x_2 a_1 + \Sigma x_2^2 a_2$$

$$① 47 = 5a_0 + 24a_1 + 20a_2$$

$$② 226 = 24a_0 + 184a_1 + 62a_2$$

$$③ 205 = 20a_0 + 62a_1 + 114a_2$$

$$① \times 48 = 2256 = 240a_0 + 1152a_1 + 960a_2$$

$$② \times 10 = 2260 = 240a_0 + 1840a_1 + 620a_2$$

$$\text{sub } ④ \quad 4 = 688a_1 - 340a_2$$

$$① \times 40 \quad 1880 = 200a_0 + 960a_1 + 800a_2$$

$$③ \times 10 \quad 2050 = 200a_0 + 620a_1 + 1140a_2$$

$$⑤ 170 = -340a_1 + 340a_2$$

$$\text{add } ④ + ⑤ \quad 174 = 348a_1$$

$$a_1 = .500$$

$$\text{sub in } ⑤ \quad 170 = -170 + 340a_2$$

$$340a_2 = 340$$

$$a_2 = 1.000$$

$$\text{sub in } ① \quad 47 = 5a_0 + 12 + 20$$

$$5a_0 = 15$$

$$a_0 = 3.000$$

$\therefore$ regression equation -

$$Y = 3.000 + .500X_1 + 1.000X_2$$

$$Y = 3 + .5X_1 + X_2$$

⑤ RELATIONSHIP IS :

$$Y = 3 + .5X_1 + X_2$$

Y	PREDICTED BY REGRESSION ANALYSIS
11	11
7	7
12	12
9	9
8	8

Texts, 203, Spring '77

Hapgood

Stockfish

McCurdy

Lewine

Ec. Report of Pres.

JEC, U.S. Ec. Growth

Usable ones: Vols. #1, 2, 6, 8

✓ Vol. 1 - John Kendrick.

A very conventional view, conservative old man.

Full of handker for showing ec. principles, as he either uses or mis-uses them.

- Ed Renshaw. (Marginal)

Potpourri of ideas, not too well integrated.

Tends to revive Hansen stagnation

Is good anti-dote to Kendrick - basis for long discussion, loaded w. handker & springboards.

Leads towards app. techn. policies.

✓ Vol. 2 - Mancur Olson

Rapid growth results from destroying restrictive organs.

- Ruggles

Conventional Keynesian, oversaving

- Howe, n.g.

- Thomas, n.g.

Vol. 3

Bosworth, Eisner, Demion, Brannon
N.g.

Vd. 4

John McHale, u.g. SUNY, Binghamton
Preston Cloud, u.g.
Wm. Vogely, u.g.
Th. V. Long & Lee Schipper.

Melange of good refs, but confused writing, no coherence.
Kneese

McHale's school has a good idea. Center for Integrative
Studies, School of Advanced Technology.
Idea for us at UCB. "Integrative"

Vd. 5

H. Daly	u.g.
Gappert & Blair	u.g.
Emile Bernoit	u.g.
Lester Thurow	u.g.

✓ Vd. 6

Duncan u.g. - except to show how
models have false assms. e.g. public control spending is
"unproductive."

Assign

Mass & Forrester. Revives overinvestment theory - but
w. wrong twist of saturating demand. Overlooks durability gr.

(There must be Δg return to K -- otherwise why were i so
low 1945-50, when cap. was so run down?).

Another reason is that K was better balanced and allocated
then, (there were no artificial props to demand)

Vol 6 (cont)

Froumen

n.g.

Virtuosity w/o inspiration.

Vol. 7

H. Kahn

n.g.

Allvine & Tarpley

n.g.

Georgian - Rogers

n.g.

✓ Vol. 8

Maddens

n.g.

Strumpel

OK

Gaffney

✓

Vol. 9

Rosenberg

light

Coates

n.g.