Commentary on Burt's figures

Table I: Distribution of Intelligence According to Occupational Class: Adults

	50–60	60–70	70–80	80–90	90–100	100–110	110–120	120–130	130–140	140+	Total	Mean IQ
I: Higher Professional									2	1	3	139.7
II: Lower Professional							2	13	15	1	31	130.6
III: Clerical			1	8	16	56	38	3			122	115.9
IV: Skilled			2	11	51	101	78	14	1		258	108.2
V: Semiskilled		5	15	31	135	120	17	2			325	97.8
VI: Unskilled	1	18	52	117	53	11	9				261	84.9
Total	1	23	69	160	247	248	162	67	21	2	1000	100.0

Table II: Distribution of Intelligence According to Occupational Class: Children

	50–60	60–70	70–80	80–90	90–100	100–110	110–120	120–130	130–140	140+	Total	Mean IQ
I: Higher Professional							1		1	1	3	120.8
II: Lower Professional				1	2	6	12	8	2		31	114.7
III: Clerical			3	8	21	31	35	18	6		122	107.8
IV: Skilled		1	12	33	53	70	59	22	7	1	258	104.6
V: Semiskilled	1	6	23	55	99	85	38	13	5		325	98.9
VI: Unskilled	1	15	32	62	75	54	16	6			261	92.6
Total	2	22	70	159	250	247	160	68	21	1	1000	100.0

Selected sentences from Burt's paper

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``[the occupational classifications were based] not on prestige or income, but rather on the degree of ability required for the work.''

``… the assessments of adult intelligence were less thorough and less reliable.''

``The frequencies inserted in the various rows and columns were proportional frequencies and in no way represent the number actually examined: from Class I the number examined was *nearer* a hundred and twenty than three. To obtain the figures to be inserted (number per mille) we *weighted* the actual numbers so that the proportions in each class should be equal to the *estimated* proportions for the total population. Finally, for the purposes of the present analysis we have *rescaled* our assessments of intelligence, so that the mean of the whole group is 100 and the standard deviation 15.''

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[and what it doesn't]

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✤ IQs adjusted and rescaled, mean 100, standard deviation 15 [fit to a theoretical normal distribution, adjustment bias?]