Results with simple average indexes

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Section here I show estimated skill acquisition costs when I compute them using simple average indexes. These θ_i come from the regression:

$$d \ln f^e(J) = \sum_i \beta_i^e S_i^e(J) \tag{1}$$

$$\tag{2}$$

where:

$$\beta_i^e = \frac{\varepsilon}{1-\varepsilon} \theta_i^e (d \ln A_i - K^e)$$

I define the indexes as follows:

$$S_i(J) = \frac{\tilde{S}_i(J)}{\sum_k^K \tilde{S}_k(J)}$$

where $S_k(J)$ is the simple average of the scores I assigned to each SES question:

$$S_i(J) = \frac{1}{||i||} \sum_{j=1}^{||i||} \sum_{l=1}^{5} c_{ijl} 1_{d_{ij}=l}$$

remember that the SES questions have possible answer going from 1 to 5. I normalized these answers c_{ijl} to be between zero and one.

$$c_{ijl} = \frac{l-1}{4}$$

1 Results

Weighted result weights observation by the occupation-years cells size.

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Table 1: Estimates of β_i^e

	Unweighted			Weighted		
	Low	**Mid**	**High**	**Low**	**Mid**	**High**
	(1)	(2)	(3)	(4)	(5)	(6)
i_manual	0.24	-0.40	0.22	0.93**	0.03	-0.04
	(0.31)	(0.38)	(0.22)	(0.30)	(0.57)	(0.18)
i_routine	0.47	1.03	-0.42	-0.88	0.65	-0.13
	(0.39)	(1.09)	(0.46)	(0.47)	(1.26)	(0.57)
i_abstract	-0.66	-2.15	0.20	-0.51	-3.08*	0.30
	(0.60)	(1.14)	(0.30)	(0.71)	(1.35)	(0.33)
i_social	0.14	1.56*	-0.16	0.42	2.04*	-0.25
	(0.54)	(0.72)	(0.28)	(0.68)	(0.86)	(0.27)
n_occupations	42	10	59	42	10	59
N	100	25	170	100	25	170
r2	0.13	0.40	0.01	0.21	0.55	0.02