eAppendix

eTable. Bivariate Spearman correlations between simple indicators of deprivation, the index obtained by Domínguez-Berjón, M.F., *et.al.* using principal components analysis (PCA index), and the index obtained from the common factor of the spatial factor Bayesian model (SFB index). Alicante, Barcelona and Valencia, 2001.

	Unemployment	Manual workers	Temporary workers	Insufficient education	Insufficient education in young people	PCA index	SFB index *
Alicante							
Unemployment	1	0.61	0.61	0.65	0.62	0.78	0.70 (0.67 – 0.73)
Manual workers		1	0.80	0.87	0.79	0.92	0.92 (0.89 – 0.95)
Temporary workers			1	0.80	0.67	0.88	0.86 (0.84 – 0.88)
Insufficient education				1	0.81	0.94	0.93 (0.91 – 0.95)
Insufficient education in young people					1	0.86	0.83 (0.80 – 0.85)
PCA index						1	0.96 (0.95 – 0.97)
SFB index							1
Barcelona							
Unemployment	1	0.57	0.49	0.58	0.53	0.69	0.61 (0.60 – 0.62)
Manual workers		1	0.79	0.91	0.80	0.95	0.95 (0.94 – 0.97)
Temporary workers			1	0.75	0.68	0.85	0.81 (0.80 – 0.82)
Insufficient education				1	0.81	0.95	0.93 (0.92 – 0.94)
Insufficient education in young people					1	0.87	0.84 (0.83 – 0.85)
PCA index						1	0.97 (0.96 – 0.97)
SFB index							1
Valencia							
Unemployment	1	0.64	0.63	0.68	0.62	0.77	0.70 (0.69 – 0.72)
Manual workers		1	0.79	0.89	0.84	0.94	0.94 (0.93 – 0.95)
Temporary workers			1	0.81	0.74	0.88	0.85 (0.83 – 0.86)
Insufficient education				1	0.84	0.95	0.94 (0.93 – 0.95)
Insufficient education in young people					1	0.90	0.88 (0.87 – 0.89)
PCA index						1	0.97 (0.96 – 0.97)
SFB index							1

* Spearman correlation posterior mean and its 95% credibility interval.