

**Socioeconomic position and cancer stage at diagnosis in a fragmented Latin
American health system**

Camilo Guerrero-Nancuante, Pamela Eguiguren, Isabel Abarca-Baeza, María Luisa
Garmendia.

Supplementary table S1. Collinearity assessment of socioeconomic position variables.

Variable	VIF	Tolerance
Education level	1.03	0.973
Income per month	1.03	0.970
Head of household status	1.02	0.984
VIF= Variance Inflation Factor		

Supplementary table S2. Description of variables according to socioeconomic position indicators (n=343).

Variable	Education level (n,%)			p-value ^a	Income per month (n,%)			p-value ^a	Head of household (n,%)		p-value ^a
	Low	Medium	High		No formal income	≤ 510 USD	>510 USD		Yes	No	
Age (Median, IQR)	67 (59-74)	61 (54-67)	60 (49-66)	<0.001*	61 (51-70)	66 (59-73)	60 (51-66)	<0.001*	64 (56-72)	62 (51-69)	0.039*
Gender				0.585				0.260			<0.001*
Female	98 (57.0)	38 (58.5)	67 (63.2)		30 (66.7)	117 (60.6)	56 (53.3)		118 (52.4)	85 (72.0)	
Male	74 (43.0)	27 (41.5)	39 (36.8)		15 (33.3)	76 (39.4)	49 (46.7)		107 (47.6)	33 (28.0)	
Family size				0.859				0.594			<0.001*
1 (lives alone)	19 (11.1)	7 (10.8)	13 (12.3)		4 (8.9)	24 (12.4)	11 (10.5)		38 (16.9)	1 (0.9)	
2	57 (33.1)	17 (26.1)	32 (30.2)		13 (28.9)	65 (33.7)	28 (26.7)		70 (31.1)	36 (30.5)	
3 or more	96 (55.8)	41 (63.1)	61 (57.5)		28 (62.2)	104 (53.9)	66 (62.8)		117 (52.0)	81 (68.6)	
Comorbidity				0.098				0.371			0.232
None	92 (53.5)	42 (64.6)	69 (65.1)		25 (55.6)	110 (57.0)	68 (64.8)		128 (56.9)	75 (63.6)	
Yes	80 (46.5)	23 (35.4)	37 (34.9)		20 (44.4)	83 (43.0)	37 (35.2)		97 (43.1)	43 (36.4)	
Type of cancer				0.741				0.300			0.120
Breast	61 (35.5)	22 (33.8)	47 (44.4)		17 (37.8)	77 (39.9)	36 (34.3)		81 (36.0)	49 (41.5)	
Colorectal	43 (25.0)	20 (30.8)	23 (21.7)		11 (24.3)	47 (24.4)	28 (26.7)		52 (23.1)	34 (28.8)	
Lung	11 (6.4)	5 (7.7)	7 (6.6)		7 (15.6)	12 (6.2)	4 (3.8)		14 (6.2)	9 (7.6)	

Prostate	30 (17.4)	11 (16.9)	17 (16.0)		3 (6.7)	33 (17.1)	22 (20.9)		48 (21.3)	10 (8.5)	
Gastric	13 (7.6)	2 (3.1)	3 (2.8)		3 (6.7)	10 (5.2)	5 (4.8)		11 (4.9)	7 (5.9)	
Kidney/Bladder	12 (7.0)	3 (4.6)	6 (5.7)		3 (6.7)	12 (6.2)	6 (5.7)		15 (6.7)	6 (5.1)	
Testicle	2 (1.1)	2 (3.1)	3 (2.8)		1 (2.2)	2 (1.0)	4 (3.8)		4 (1.8)	3 (2.6)	

^a Chi-square test for categorical variables and Mann-Whitney U test or Kruskal-Wallis test for continuous variable.

* Statistically significant differences.

IQR=Interquartile range; USD= United States dollar