

**Appendix 1 (as supplied by the authors): Supplemental tables**

Supplemental Table S1: Characteristics of acute coronary syndromes (ACS) patients by area.

	Cluster 1		Clusters 2 and 3		Rest of Province	
	n	(%)	n	(%)	n	(%)
Total	926		1,260		4,156	
<b>Sex</b>						
Female	331	(35.7)	465	(36.9)	1,544	(37.2)
Male	595	(64.3)	795	(63.1)	2,612	(62.8)
<b>Age</b>						
mean (SD)	64.4	(13.6)	68.5	(14.0)	65.4	(13.6)
median [IQR]	63	[74.8-54]	69	[80-58]	69	[77-55]
<b>Socio-economic proxy</b>						
Non-subsidized Adults	369	(39.8)	382	(30.3)	1,639	(39.4)
Subsidized Adults	118	(12.7)	113	(9.0)	473	(11.4)
Seniors	439	(47.4)	765	(60.7)	2,044	(49.2)
<b>Comorbidity Score (based on ≥2 Physician Claims in Prior 2 Years)</b>						
mean (SD)	1.09	(1.5)	1.21	(1.6)	1.1	(1.5)
median [IQR]	1	[2-0]	1	[2-0]	1	[2-0]
<b>≥2 Physician Claims in Prior 2 Years for</b>						
COPD	167	(18)	209	(16.6)	633	(15.2)
Diabetes	218	(23.5)	269	(21.3)	942	(22.7)
Hypertension	467	(50.4)	689	(54.7)	2,114	(50.9)
Kidney Disease	55	(5.9)	74	(5.9)	248	(6)
ACS	292	(31.5)	439	(34.8)	1,481	(35.6)
HF	108	(11.7)	193	(15.3)	487	(11.7)
<b>Hospitalization in Prior 2 Years</b>						
ED Presentation for ACS in Prior 2 Years	84	(9.1)	143	(11.3)	375	(9.0)

ED Presentation for HF in Prior 2 Years	42	(4.5)	55	(4.4)	150	(3.6)
Number of GP Claims in Prior 2 Years						
mean (SD)	20.5	(25.7)	22.8	(27.4)	17.2	(22.2)
median [IQR]	12	[26-5]	13	[28.2-5]	13	[21-4]
Specialist Visit in Prior 2 Years	441	(47.6)	641	(50.9)	2,405	(57.9)
Number of Specialist Claims in Prior 2 Years						
mean (SD)	4.8	(12.8)	4.5	(9)	6.7	(13.4)
median [IQR]	0	[4.8-0]	1	[5-0]	1	[8-0]

Supplemental Table S2: Characteristics of heart failure (HF) patients by area.

	Cluster 1		Clusters 2 and 3		Rest of Province	
	n	(%)	n	(%)	n	(%)
Total	677		510		3,593	
<b>Sex</b>						
Female	308	(45.5)	243	(47.6)	1,842	(51.3)
Male	369	(54.5)	267	(52.4)	1,751	(48.7)
<b>Age</b>						
mean (SD)	73.9	(12.9)	79.1	(11.6)	76.7	(12.2)
median [IQR]	75	[84-65]	81	[87-73]	81	[86-69]
<b>Socio-economic proxy</b>						
Non-subsidized Adults	83	(12.3)	47	(9.2)	367	(10.2)
Subsidized Adults	79	(11.7)	14	(2.7)	256	(7.1)
Seniors	515	(76.1)	449	(88.0)	2,970	(82.7)
<b>Comorbidity Score (based on <math>\geq 2</math> Physician Claims in Prior 2 Years)</b>						
mean (SD)	2.3	(1.9)	2.3	(2.0)	2.3	(1.8)
median [IQR]	2	[3-1]	2	[3-1]	2	[3-1]
<b><math>\geq 2</math> Physician Claims in Prior 2 Years for</b>						
COPD	289	(42.7)	172	(33.7)	1,208	(33.6)
Diabetes	248	(36.6)	152	(29.8)	1,220	(34)
Hypertension	406	(60)	334	(65.5)	2,210	(61.5)
Kidney Disease	91	(13.4)	80	(15.7)	619	(17.2)
ACS	245	(36.2)	167	(32.7)	1,158	(32.2)
HF	353	(52.1)	289	(56.7)	1,931	(53.7)
Hospitalization in Prior 2 Years	415	(61.3)	321	(62.9)	2,067	(57.5)
ED Presentation for ACS in Prior 2 Years	64	(9.5)	59	(11.6)	276	(7.7)
ED Presentation for HF in Prior 2 Years	155	(22.9)	105	(20.6)	625	(17.4)
<b>Number of GP Claims in Prior 2 Years</b>						

mean (SD)	43.9	(42.5)	41.3	(37.8)	36.8	(39.1)
median [IQR]	31	[60-15]	31	[56.8-14]	31	[49-11]
Specialist Visit in Prior 2 Years	414	(61.2)	312	(61.2)	2,617	(72.8)
Number of Specialist Claims in Prior 2 Years						
mean (SD)	8.3	(18.3)	6.9	(13.6)	11.8	(19)
median [IQR]	2	[9-0]	2	[7-0]	2	[16-0]