Appendix 2 (as supplied by the authors): Predictors of stress tests within 2 years of having PCI using hierarchical models

Characteristics	Stress test N=83,636	No stress test N=44,744	Odds ratio (95% CI)
Demographics			
Age, mean ± SD, years	60.68 ± 11.25	67.61 ± 12.73	0.957 (0.956-0.958)
Men	74.9	64.3	1.21 (1.18-1.25)
Residing in a rural area	14.1	16.4	0.88 (0.85-0.91)
Teaching hospital	61.3	75.9	0.72 (0.59-0.87)
Income quintile			
1 (lowest)	18.6	22.8	Reference
2	20	21.5	1.16 (1.11-1.21)
3	20.1	19.5	1.24 (1.19-1.30)
4	20.8	18.6	1.30 (1.25-1.36)
5 (highest)	20.3	17.3	1.39 (1.33-1.45)
Procedure year	N/A		0.96 (0.96-0.97)
Canadian cardiovascular society angina classification			
1	4.7	3.9	1.19 (1.09-1.29)
2	14.3	11.9	1.18 (1.10-1.26)
3	12.6	12.8	1.04(0.98-1.11)
4+	60.7	62.8	1.05 (0.99-1.12)
Cardiac risk factors and comorbidities			
Diabetes	27.7	36.3	0.82 (0.79-0.84)
Hypertension	69.6	79	0.94 (0.90-0.98)
Hyperlipidemia	62.8	64	1.17 (1.13-1.20)
Myocardial Infarction	48.9	55	0.86 (0.84-0.89)
Heart failure	3.7	11.8	0.59 (0.56-0.63)
History of stroke	1.1	2.7	0.77 (0.69-0.85)
Peripheral vascular disease	4.1	8.9	0.75 (0.72-0.80)
Renal failure	1.8	5.5	0.80 (0.73-0.87)
Chronic obstructive pulmonary disease	4.9	10.5	0.75 (0.71-0.79)
Smoking history	53.2	51.1	0.86 (0.83-0.88)
Mean Charlson's comorbidity index	0.47 ± 1.05	0.90 ± 1.58	0.92 (0.90-0.93)
PCI characteristics			
Stent type			

Drug eluting stent	43.8	39	Reference
Bare metal stent	59.7	59.9	0.84 (0.81-0.87)
Number of stented vessels			
1	46.7	48	Reference
2	49.4	44.3	1.02 (0.98-1.06)
≥3	3.9	7.7	0.97 (0.92-1.01)
Stent size			
<3mm diameter	46.7	48	Reference
≥3mm diameter	49.4	44.3	1.05 (1.01-1.08)
Total stent length			
<20 mm	34.8	33.2	Reference
≥20 mm	61.2	59.1	0.96 (0.92-0.99)

* Abbreviations: CI, confidence intervals; SD, standard deviation; N/A, not applicable.