

Appendix 3 - Tests of equality of CI between men and women, colorectal cancer screening

Table A.3.1. Tests of equality of CI between men and women, colorectal cancer screening (Portugal)

	F-stat	p-value	z-stat	p-value
A: Due/Possible over-screening	7.418672	0.0065	-2.14	0.0322
B: Due-screening	0.919504	0.3377	0.88	0.3789
C: Under-screening	2.146459	0.143	-0.95	0.3424
D: Extreme under-screening	8.304952	0.004	1.88	0.0602
E: Over-screening	0.026177	0.8715	-0.36	0.7163
F: OK	0.048398	0.8259	-0.14	0.8878
G: Over-screening	0.017195	0.8957	-0.03	0.9785
H: Due-screening	0.744273	0.3885	-0.99	0.3199
I: Lost opportunity	1.459374	0.2274	0.93	0.3529

Notes: CI- concentration index; p-values in bold indicate in which situations the null hypothesis of equality of CI between men and women can be rejected at the 5% level.

Table A.3.2. **Statistically significant** tests of equality of CI between men and women (**at the 5% level**), colorectal cancer screening (regions)

	Region	F-stat	p-value	z-stat	p-value
A: Due/Possible over-screening	Madeira North	7.5120115 5.019461	0.0063 0.0256	2.85	0.0044
B: Due-screening					
C: Under-screening	Algarve Madeira	4.1596271 5.3707811	0.0420 0.0208	-2.29	0.0222
D: Extreme under-screening					
E: Over-screening					
F: OK					
G: Over-screening					
H: Due-screening	Alentejo	4.5651385	0.0339		
I: Lost opportunity					