

Appendix 2. Multivariable analysis early repolarization

All patients with early repolarization

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.5 (0.34)	0.99 - 2.4	0.056
Age	1.0 (0.0034)	0.99 - 1.0	0.63

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.5 (0.33)	0.97 - 2.3	0.070
Age	1.0 (0.0034)	0.99 - 1.0	0.71
Sex	1.2 (0.13)	0.95 - 1.5	0.12

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.6 (0.35)	1.0 - 2.4	0.042
Age	1.0 (0.0035)	1.0 - 1.0	0.39
Ethnicity			
Caucasian	Reference group		
Black	1.5 (0.28)	1.0 - 2.2	0.035
Other	0.59 (0.26)	0.25 - 1.4	0.24

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.5 (0.34)	1.0 - 2.4	0.050
Ethnicity			
Caucasian	Reference group		
Black	1.4 (0.27)	1.0 - 2.1	0.049
Other	0.59 (0.26)	0.24 - 1.4	0.23

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.5 (0.34)	0.98 - 2.4	0.061
Ethnicity			
Caucasian	Reference group		
Black	1.4 (0.26)	0.99 - 2.0	0.056
Other	0.60 (0.27)	0.25 - 1.4	0.25
Sex	1.2 (0.13)	0.94 - 1.5	0.15

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
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		interval	
Sports participation	1.5 (0.34)	1.0 - 2.4	0.053
Ethnicity			
Caucasian	Reference group		
Black	1.5 (0.28)	1.0 - 2.1	0.042
Other	0.60 (0.27)	0.25 - 1.5	0.26
Sex	1.2 (0.13)	0.94 - 1.5	0.16
Age	1.0 (0.0035)	1.0 - 1.0	0.45

SE = standard
error

All patients with early repolarization in inferior leads only

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.4 (0.39)	0.77 - 2.4	0.28
Age	1.0 (0.0044)	0.99 - 1.0	0.42

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.3 (0.39)	0.75 - 2.3	0.33
Age	1.0 (0.0043)	0.99 - 1.0	0.37
Sex	1.2 (0.18)	0.93 - 1.7	0.15

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.3 (0.39)	0.76 - 2.4	0.32
Age	1.0 (0.0045)	0.99 - 1.0	0.37
Ethnicity			
Caucasian	Reference group		
Black	0.91 (0.24)	0.54 - 1.5	0.71
Other	0.56 (0.34)	0.17 - 1.8	0.34

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.4 (0.40)	0.78 - 2.4	0.28
Ethnicity			
Caucasian	Reference group		

Black	0.95 (0.25)	0.57 - 1.6	0.85
Other	0.57 (0.35)	0.18 - 1.9	0.36

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.3 (0.39)	0.76 - 2.4	0.32
Ethnicity			
Caucasian	Reference group		
Black	0.94 (0.24)	0.56 - 1.6	0.81
Other	0.59 (0.36)	0.18 - 1.9	0.38
Sex	1.2 (0.18)	0.91 - 1.6	0.18

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.3 (0.38)	0.74 - 2.3	0.36
Ethnicity			
Caucasian	Reference group		
Black	0.89 (0.24)	0.53 - 1.5	0.65
Other	0.58 (0.35)	0.18 - 1.9	0.36
Sex	1.2 (0.18)	0.92 - 1.7	0.15
Age	1.0 (0.0045)	0.99 - 1.0	0.32

SE = standard error

All patients with early repolarization in lateral leads only

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	2.2 (1.0)	0.87 - 5.4	0.096
Age	1.0 (0.0059)	1.0 - 1.0	0.16

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	2.1 (0.96)	0.83 - 5.2	0.11
Age	1.0 (0.0059)	1.0 - 1.0	0.2

Sex	1.5 (0.31)	0.97 - 2.2	0.066
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Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	2.3 (1.1)	0.93 - 5.8	0.070
Age	1.0 (0.0061)	1.0 - 1.0	0.061
Ethnicity			
Caucasian	Reference group		
Black	2.1 (0.61)	1.2 - 3.7	0.011
Other	0.42 (0.42)	0.057 - 3.1	0.39

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	2.2 (1.0)	0.87 - 5.4	0.10
Ethnicity			
Caucasian	Reference group		
Black	1.8 (0.51)	1.0 - 3.2	0.033
Other	0.40 (0.40)	0.54 - 2.9	0.36

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	2.1 (0.97)	0.84 - 5.2	0.11
Ethnicity			
Caucasian	Reference group		
Black	1.8 (0.50)	1.0 - 3.1	0.041
Other	0.41 (0.42)	0.056 - 3.0	0.39
Sex	1.5 (0.30)	0.97 - 1.0	0.071

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	2.2 (1.0)	0.89 - 5.6	0.086
Ethnicity			
Caucasian	Reference group		
Black	2.0 (0.60)	1.2 - 3.6	0.015
Other	0.44 (0.44)	0.059 - 3.2	0.42
Sex	1.4 (0.30)	0.95 - 2.2	0.089
Age	1.0 (0.0062)	1.0 - 1.0	0.077

SE = standard error

All patients with early repolarization in inferior and lateral leads

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.1 (0.44)	0.50 - 2.4	0.83
Age	1.0 (0.0067)	1.0 - 1.0	0.49

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.1 (0.45)	0.51 - 2.5	0.77
Age	1.0 (0.0067)	1.0 - 1.0	0.44
Sex	0.78 (0.16)	0.52 - 1.2	0.24

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.2 (0.47)	0.53 - 2.6	0.70
Age	1.0 (0.0069)	1.0 - 1.0	0.28
Ethnicity			
Caucasian	Reference group		
Black	1.9 (0.62)	0.98 - 3.6	0.057
Other	1.1 (0.80)	0.26 - 4.6	0.91

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.1 (0.45)	0.51 - 2.5	0.78
Ethnicity			
Caucasian	Reference group		
Black	1.7 (0.55)	0.92 - 3.2	0.090
Other	1.1 (0.77)	0.25 - 4.4	0.95

Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.2 (0.47)	0.53 - 2.6	0.72
Ethnicity			
Caucasian	Reference group		
Black	1.8 (0.56)	0.93 - 3.3	0.80
Other	1.0 (0.75)	0.24 - 4.3	0.98

Sex	0.78 (0.16)	0.52 - 1.2	0.23
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Parameter	Odds ratio (SE)	Adjusted 95% confidence interval	Adjusted <i>p</i> value
Sports participation	1.2 (0.49)	0.55 - 2.7	0.63
Ethnicity			
Caucasian	Reference group		
Black	1.9 (0.63)	1.0 - 3.7	0.049
Other	1.0 (0.77)	0.25 - 4.4	0.95
Sex	0.77 (0.16)	0.51 - 1.2	0.20
Age	1.0 (0.0070)	1.0 - 1.0	0.25

SE = standard
error