

S2 Table: Descriptive statistics for RLS cases and controls for other haematological markers.

Demographic descriptive statistics for RLS cases and controls in the Danish Blood Donor Study with other haematological measurements available (N=28,871).

	Controls N= 27,431		RLS Cases N= 1,440 (5.0%)		P value ^a
	N	%	N	%	
Demographic characteristics					
Sex					
Male	14,011	51.1	550	38.2	<0.001
Female	13,420	48.9	890	61.8	
Age					
median (IQR)	37.6 (27.1-49.6)		39.7 (28.3-50.3)		<0.001
BMI					
median (IQR)	24.7 (22.5-27.2)		24.7 (22.6-27.8)		0.044
<18.5	171	0.6	8	0.6	0.374
18.5-25	14,862	54.2	760	52.8	
25-30	9,325	34.0	484	33.6	
30-35	2,285	8.3	142	9.9	
35-40	596	2.2	33	2.3	
>40	192	0.7	13	0.9	
Smoking status					
Non-smoker	23,935	87.3	1,226	85.1	0.034
<1 cigarette per day	1,286	4.7	71	4.9	
>1 cigarette per day	2,210	8.1	143	9.9	
Alcohol consumption					
Never/almost never	3,607	13.1	182	12.6	0.793
A couple of times a month	14,378	52.4	753	52.3	
A couple of times a week	8,355	30.5	441	30.6	
Daily/almost daily	1,091	4.0	64	4.4	
Region Measured					
Capital Region of Denmark	13,801	50.3	714	49.6	0.590
Region of Central Denmark	13,630	49.7	726	50.4	
Haematological Measurements					
White Blood Cells (N=28,871) 10 ⁹ /L, median (IQR)	6.26 (5.31-7.39)		6.38 (5.34-7.52)		0.050
Platelets (N=28,866) 10 ⁹ /L, median (IQR)	240 (207-277)		241 (209-280)		0.059
Platelet-to-Lymphocyte Ratio (PLR) (N=13,055) Median (IQR)	125.14 (103.33-152.40)		126.34 (100.00-159.80)		0.282
Platelet Distribution Width (N=27,624) fL, median (IQR)	13.6 (12.4-15.0)		13.5 (12.3-15.1)		0.627
Platelet Large Cell Ratio (N=27,624) %, median (IQR)	34.5 (29.6-39.7)		34.4 (29.6-40.0)		0.805
Mean Corpuscular Volume (N=28,869) fL, median (IQR)	89.8 (87.1-92.5)		90.0 (87.3-93.0)		0.002
Mean Corpuscular Haemoglobin Concentration (N=28,869) mmol/L, median (IQR)	20.6 (20.2-21.1)		20.6 (20.1-21.0)		<0.001

^aFor comparison of the two groups, chi-square test was used for categorical variables and Kruskal-Wallis rank test was used for continuous variables.