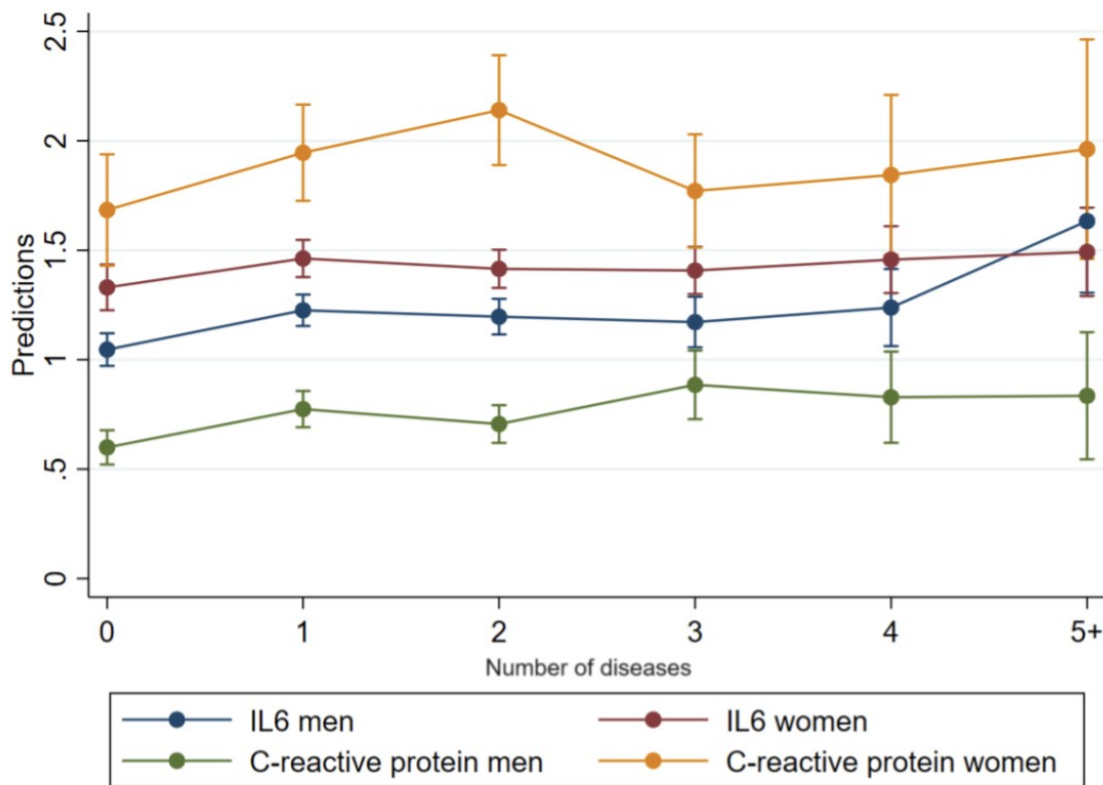
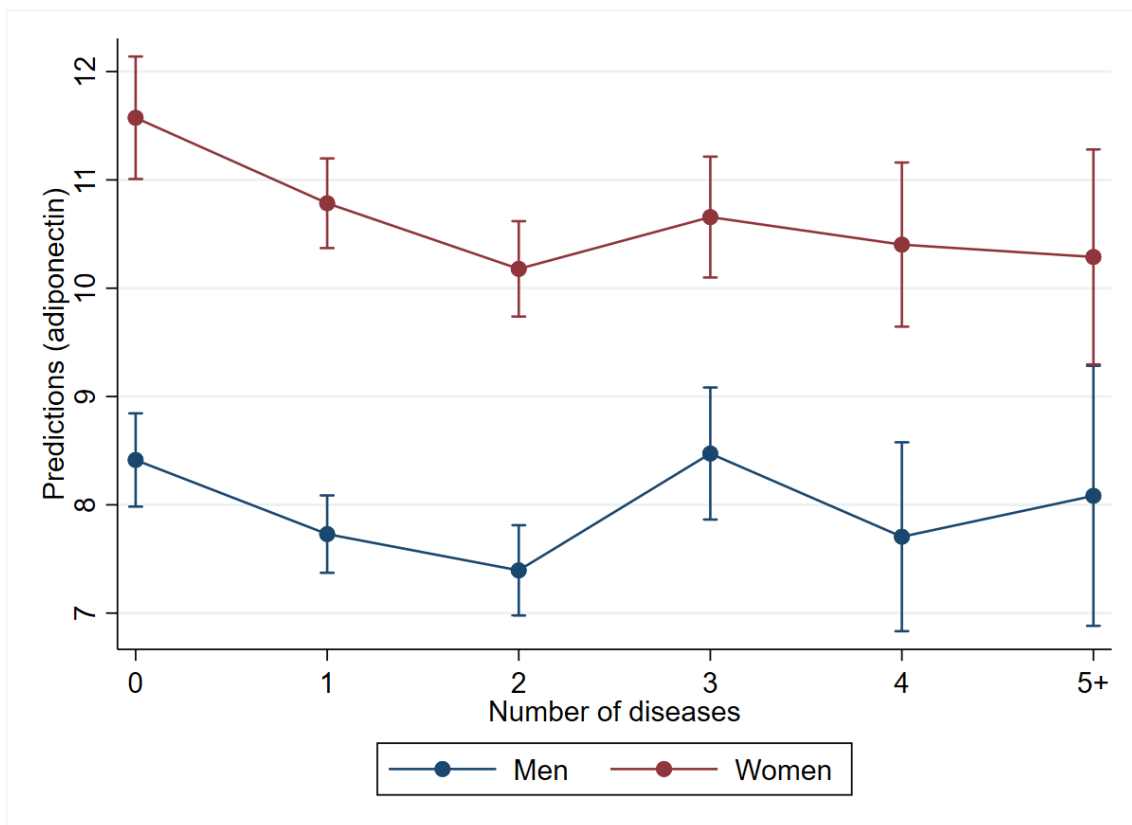


Supplementary Material

Panel A



Panel B



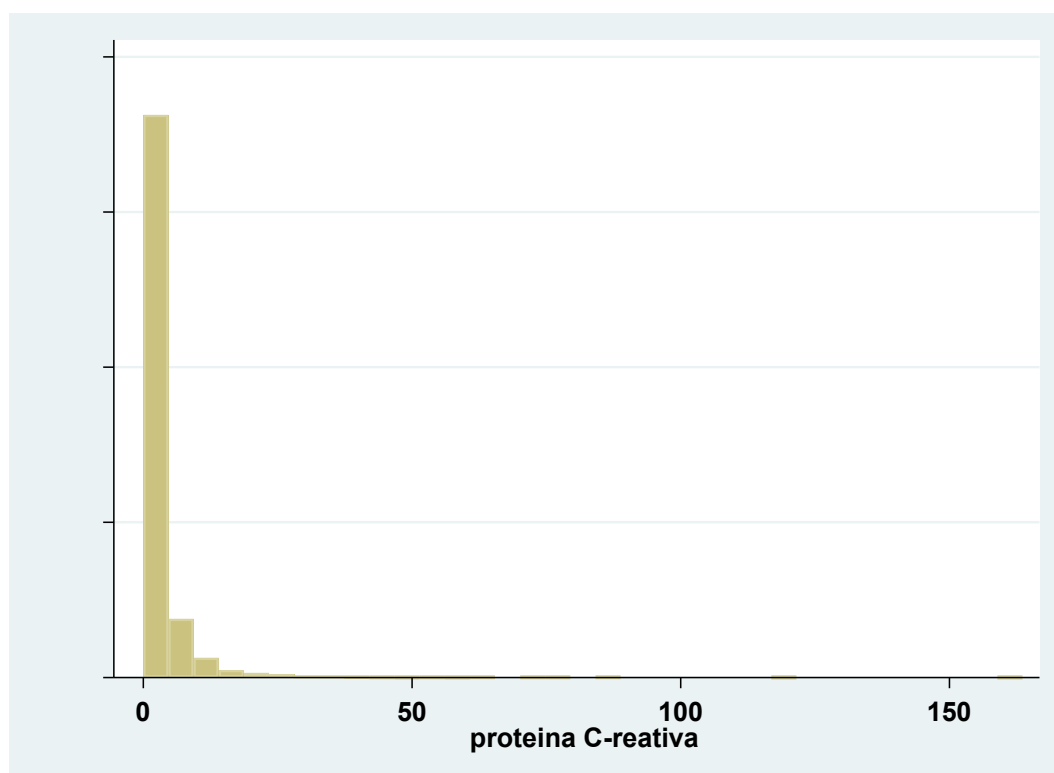
Additional supporting file. Adjusted regression analyses between markers and number of diseases (0 to 5+) stratified by sex.

Panel A: *P*-values by the Wald's test for linear tendency for IL-6 were equal to 0.005 in men and 0.279 in women. For CRP, *P*-values were 0.006 in men and 0.272 in women. After Bonferroni correction a *P*-value <0.0125 was considered significant in both cases.

Panel B: The *P*-values by the Wald's test for linear tendency from the regression analysis between adiponectin and number of diseases were 0.009 and 0.005 in men and women, respectively. After Bonferroni correction a *P*-value <0.0025 was considered significant.

Figure S1. Analysis of the distribution of C-reactive protein with graphs before and after logarithmic transformation, respectively.

. sum lpcr_pcr,d				
proteina C-reativa				
	Percentiles	Smallest		
1%	.1	0		
5%	.1	.1		
10%	.2	.1	Obs	3,481
25%	.4	.1	Sum of Wgt.	3,481
50%	1		Mean	2.928699
		Largest	Std. Dev.	7.062931
75%	2.7	86.5		
90%	6.6	87.9	Variance	49.885
95%	11.3	118.5	Skewness	9.313652
99%	29.3	163.6	Kurtosis	139.1258



```
. sum lnpcr,d
```

lnpcr				

	Percentiles	Smallest		
1%	-2.302585	-2.302585		
5%	-2.302585	-2.302585		
10%	-1.609438	-2.302585	Obs	3,480
25%	-.9162907	-2.302585	Sum of Wgt.	3,480
50%	0		Mean	.0877619
		Largest	Std. Dev.	1.339958
75%	.9932518	4.460145		
90%	1.88707	4.4762	Variance	1.795487
95%	2.424803	4.774913	Skewness	.3271137
99%	3.377588	5.097425	Kurtosis	2.780794

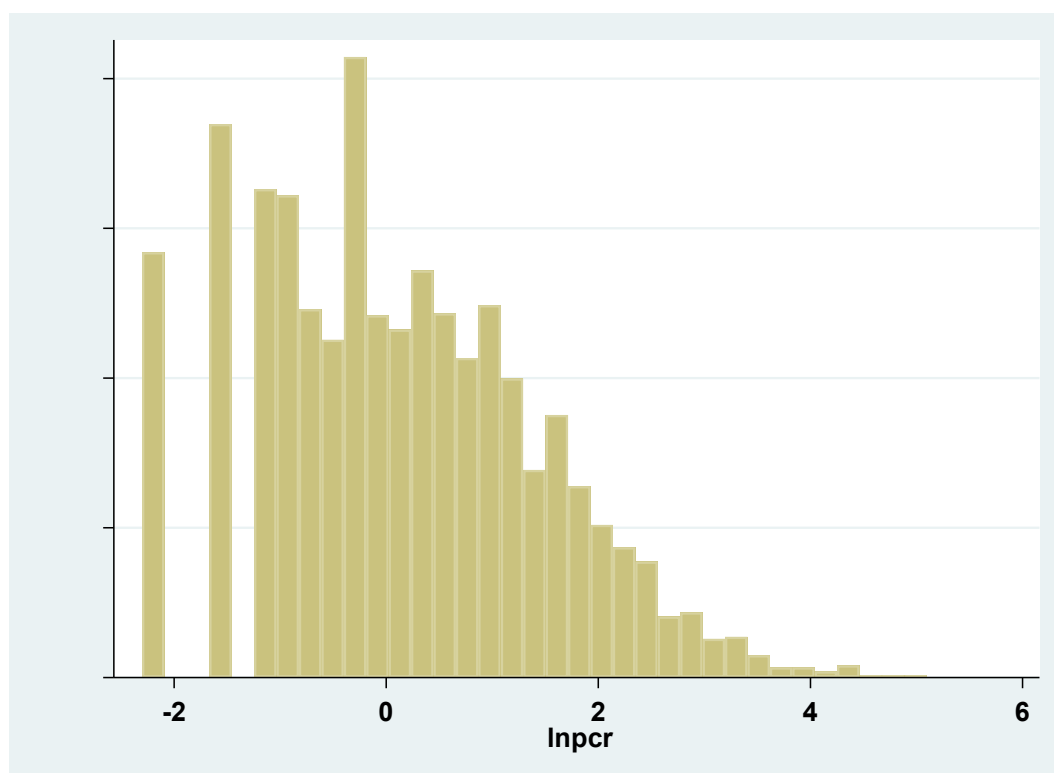
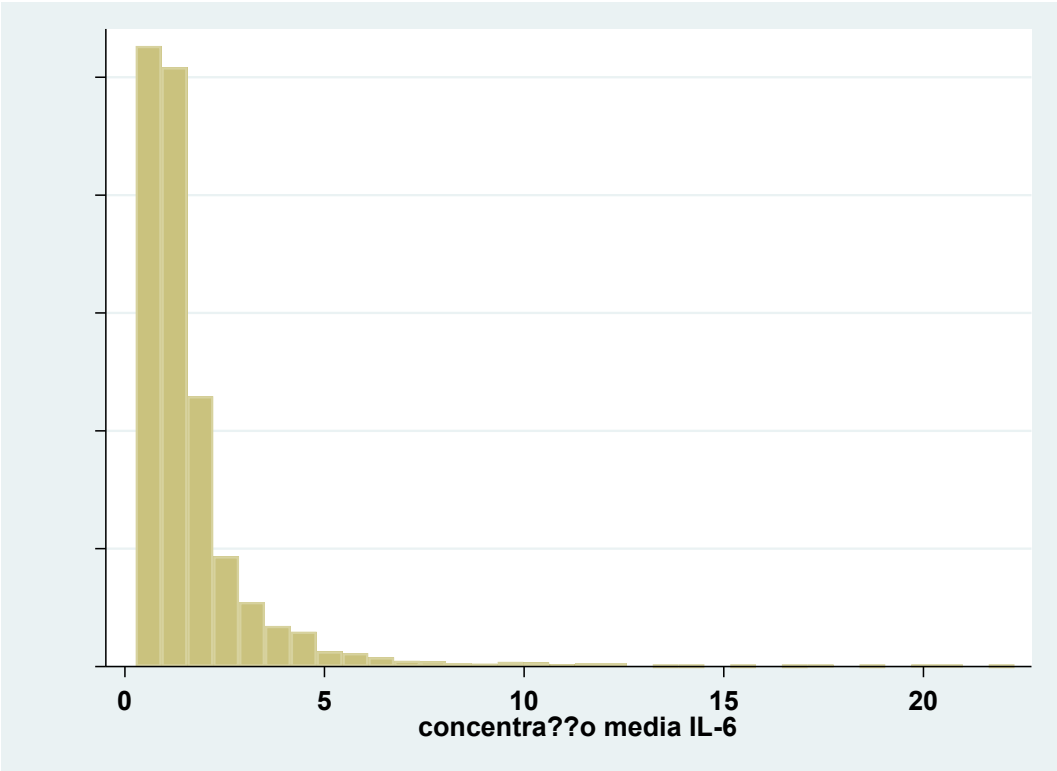


Figure S2. Analysis of the distribution of interleukin-6 with graphs before and after logarithmic transformation, respectively.

```
. sum lAvgconc22,d
```

concentra²² media IL-6

Percentiles		Smallest		
1%	.394	.271		
5%	.525	.297		
10%	.6	.31	Obs	3,138
25%	.81	.315	Sum of Wgt.	3,138
50%	1.1625		Mean	1.701009
		Largest	Std. Dev.	1.840678
75%	1.842	19.947		
90%	3.222	20.728	Variance	3.388096
95%	4.519	20.878	Skewness	4.775192
99%	10.289	22.283	Kurtosis	35.9656



```
. sum ln16,d
```

ln16				

Percentiles		Smallest		
1%	-.9314044	-1.305636		
5%	-.644357	-1.214023		
10%	-.5108256	-1.171183	Obs	3,138
25%	-.210721	-1.155183	Sum of Wgt.	3,138
50%	.1505728	Largest	Mean	.2531317
75%	.6108519		Std. Dev.	.6706931
90%	1.170002		Variance	.4498293
95%	1.508291	3.038696	Skewness	.8893101
99%	2.331075	3.103824	Kurtosis	4.085729

