

Relative importance of inflammation and cardiorespiratory fitness for all-cause mortality risk in persons with rheumatoid arthritis – the population-based Trøndelag Health Study

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Supplemental material 1: Baseline data for included and excluded HUNT3 participants in the present study¹

As expected, the table below shows that missing was not completely at random. HUNT participants who were excluded in the complete-case analysis more often were men, had hypertension, were present smokers, had slightly higher C-reactive protein concentrations, and had higher mortality. The higher median eCRF is probably explained by the increased frequency of men, who generally have higher eCRF than women.

Variable	Included (n=31,907)	Excluded (n=18,880)	Missing	P-value
Women, n	17,754 (56%)	9,992 (53%)		<0.001
Age, years	54 (42, 65)	53 (40, 65)		<0.001
Body mass index, kg/m ²	26.6 (24.1, 29.5)	26.8 (24.2, 29.9)	396 (0.8%)	<0.001
Diabetes, n	1,353 (4%)	835 (4%)	18 (<0.1%)	0.32
Hypertension, n	12,895 (40%)	5,888 (43%)	5,207 (10%)	<0.001
Smoking			5,721 (11%)	<0.001
Never smoker	15,717 (49%)	5,911 (45%)		
Previous smoker	10,130 (32%)	3,806 (29%)		
Present smoker	6,060 (19%)	3,442 (26%)		
C-reactive protein, mg/L	1.2 (0.6, 2.6)	1.3 (0.6, 3.0)	852 (2%)	<0.001
eCRF, mL×min ⁻¹ ×kg ⁻¹	35.1 (29.8, 40.5)	36.6 (31.1, 42.3)	10,513 (21%)	<0.001
Mortality, n	3,178 (10.0%)	2,519 (13.3%)		<0.001
Has RA diagnosis	223 (0.7%)	174 (0.9%)		0.006
Age at RA diagnosis, years	55 (46, 63)	55 (44, 67)		0.50
Years with RA at HUNT3	9 (5, 16)	8 (1, 16)		0.038
Seropositive ²	157 (70%)	132 (76%)		0.46

¹Data are given as number (%) or median (25th, 75th percentile). For the participants included in the study, there were no missing data for the presented variables. For the excluded participants, the number of missing data for non-complete variables are given in the column labeled "Missing". Included and excluded participants were compared using the Chi-square test or Mann-Whitney U-test.

²Seropositive: Positive for IgM rheumatoid factor and/or anti-citrullinated protein peptide antibodies.

Abbreviations: eCRF; estimated cardiorespiratory fitness level, HUNT3; 3rd survey of the Trøndelag Health Study, RA; rheumatoid arthritis