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┌─────────────────────────────┐
│   Health Profile Assessment  │
│  between year 1992 and 2020  │
│        N= 407,131            │
└─────────────────────────────┘
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Severe COVID-19	No severe COVID-19
N=857	N=406,274
n=547 Hospitalization	
n=172 Intensive care	
n=138 Death	

Excluded
N=127,676
Missing data for educational level, cardiorespiratory fitness, body mass index, exercise and smoking

Eligible controls
N=278,598

Controls in matched analyses	Controls in un-matched analyses
N=3426	N=278,598

	Excluded controls N=127,676	Eligable controls N=278,598	Differences[a]
Women	33%	46%	p<0.001
Age, year	43.0 (11.9)	43.7 (11.6)	p<0.001
EstVO$_2$max, ml/min/kg	35.4 (9.8)	36.1 (10.0)	p<0.001
BMI, kg/m^2	26.1 (4.2)	25.7 (4.1)	p<0.001

Data is presented as % or mean (SD)

[a] Potential differences between included and excluded participants were assessed using independent t-test (continuous data) and chi2-test (categorical data)

Supplement figure 1. Flowchart of included and excluded participants, with a comparison of central variables