

Supplementary table S2

	AATD (prevalent)	Reference Population	p-value
Number of subjects [n]	590	5900	n. a.
Age [years]	61.01 ± 14.57	61.01 ± 14.57	n. a.
Male/Female [n]	298/292	2980/2920	n. a.
Art. HTN [%]	63.39%	52.66%	p < 0.001
Congestive Heart Failure [%]	22.03%	13.29%	p < 0.001
Ischemic Heart Disease [%]	20.85%	16.08%	p = 0.003
CKD [%]	12.54%	6,63%	p < 0.001
Depression [%]	31.36%	23,42%	p < 0.001
Diabetes [%]	27.29%	18,53%	p < 0.001
Osteoporosis [%]	16.27%	8.78%	p < 0.001
GERD [%]	23.1%	14.93%	p < 0.001
Lung Cancer [%]	2.03%	0,49%	p < 0.001

The table provides the burden of comorbidity in alpha-1-antitrypsin-deficiency (AATD) patients as compared to an age- and gender-matched reference population. Data are presented as percentage values, unless otherwise stated. All p-values are calculated with the χ^2 -test for two groups. AATD: Alpha-1-antitrypsin deficiency; Art. HTN: Arterial hypertension; CKD: chronic kidney disease; GERD: gastro-oesophageal reflux disease.