

ONLINE SUPPLEMENTARY DATA

Supplementary Table 1. Demographics and clinical characteristics of the total Oslo University Hospital ASS cohort.

	Total (N=96)	Alive (N=70)	Deceased (N=26)	P-value
Female, n (%)	67 (70)	47 (67)	20 (77)	0.875
Jo1, n (%)	79 (82)	55 (79)	24 (92)	0.13
PL7 / PL12 /other anti-aaRS	7 / 10 / 0	6 / 9	1 / 1	n.a
Myositis, n (%)	73 (76)	53 (76)	20 (77)	0.902
ILD, n (%)	90 (94)	66 (94)	24 (92)	0.722
Acute onset of ILD, n/N (%)	18/90 (20)	10/66 (15)	8/24 (33)	0.057
>65 yrs at diagnosis, n (%)	15 (16)	7 (10)	8 (31)	0.024
Anti-SSA, n (%)	69 (72)	54 (77)	15 (58)	0.06
Skin manifestations, n (%)	42 (44)	30 (43)	12 (42)	0.772
Mechanical hands, n (%)	42 (44)	36 (51)	6 (23)	0.013
Raynaud's, n/N (%)	49/92 (53)	38/70 (54)	11/22 (50)	0.725
Arthralgia/arthritis, n (%)	71 (74)	51 (73)	20 (77)	0.687

ILD = interstitial lung disease, n.a. = not available

Supplementary Table 2. Univariable and multivariable analyses on FVC%, DLCO% and ILD extent.

Dependent Variables/Univariable Analysis									
Independent Variables	FVC%			DLCO%			Extent of ILD%		
	Regr coeff	95% CI	p-value	Regr coeff	95% CI	p-value	Regr coeff	95% CI	p-value
Disease Duration	-.077	-.128 -.025	0.004			0.133			0.334
SS-A positivity	-16.5	-29.8- - 3.3	0.015			0.121			0.658
Acute onset ILD			0.439			0.695			0.966
ASS subgroup			0.265			0.529			0.483
Dependent Variables/Multivariable Analysis									
Independent Variables	FVC%			DLCO%			Extent of ILD%		
	Regr coeff	95% CI	p-value	Regr coeff	95% CI	p-value	Regr coeff	95% CI	p-value
Disease Duration	-.059	-.114- .0 04	0.036			0.158			0.172

SS-A positivity	-13.3	-26.6- -.040	0.049			0.174			0.646
Acute onset ILD			0.216			0.520			0.836
ASS subgroup			0.712			0.312			0.288

FVC; Forced Vital Capacity, DLCO; Diffusion Capacity for Carbon Monoxide, ILD; Interstitial Lung Disease, ASS; Anti-Synthetase Syndrome, Regr coeff; Regression Coefficient, CI; Confidence Interval