

Supplementary Table 1 Pearson correlation matrix between clinical, biochemical, and CT-derived morphomic variables																
		Age	WBC	Calcium	BUN	LDH	Glucose	WM Area	WM HU	SCF Area	SCF HU	VF Area	VF HU	PM Area	PM HU	Albumin
Age	Pearson's r	—														
	p-value	—														
WBC	Pearson's r	0.112	—													
	p-value	0.351	—													
Calcium	Pearson's r	-0.147	0.127	—												
	p-value	0.218	0.287	—												
BUN	Pearson's r	0.372	0.148	-0.322	—											
	p-value	0.001	0.215	0.006	—											
LDH	Pearson's r	0.185	0.057	-0.368	0.389	—										
	p-value	0.128	0.640	0.002	< .001	—										
Glucose	Pearson's r	-0.041	0.109	0.188	0.084	-0.063	—									
	p-value	0.734	0.367	0.116	0.488	0.613	—									
WM Area	Pearson's r	-0.149	-0.039	-0.041	0.041	-0.065	0.028	—								
	p-value	0.213	0.747	0.729	0.734	0.595	0.816	—								
WM HU	Pearson's r	-0.561	-0.205	0.167	-0.300	-0.253	-0.078	0.178	—							
	p-value	< .001	0.085	0.161	0.010	0.036	0.517	0.135	—							
SCF Area	Pearson's r	-0.150	0.264	0.068	-0.020	0.039	0.243	0.065	-0.237	—						
	p-value	0.207	0.025	0.570	0.867	0.749	0.041	0.589	0.045	—						
SCF HU	Pearson's r	0.088	-0.026	-0.080	0.097	0.061	-0.081	0.014	0.035	-0.419	—					
	p-value	0.463	0.825	0.506	0.417	0.621	0.502	0.907	0.770	< .001	—					
VFArea	Pearson's r	0.256	0.065	0.025	0.250	0.097	0.180	0.472	-0.406	0.257	-0.203	—				
	p-value	0.030	0.586	0.836	0.034	0.429	0.132	< .001	< .001	0.029	0.087	—				
VF HU	Pearson's r	-0.160	-0.038	-0.004	-0.130	-0.065	-0.067	-0.286	0.317	-0.354	0.622	-0.723	—			
	p-value	0.183	0.752	0.973	0.279	0.600	0.582	0.016	0.007	0.002	< .001	< .001	—			
PM Area	Pearson's r	-0.299	-0.100	-0.015	0.001	-0.089	-0.177	0.752	0.414	-0.059	0.019	0.333	-0.205	—		
	p-value	0.011	0.405	0.897	0.992	0.469	0.140	< .001	< .001	0.624	0.872	0.004	0.087	—		

PM HU	Pearson's r	-0.567	-0.131	0.280	-0.365	-0.201	0.001	0.053	0.842	-0.156	0.076	-0.464	0.402	0.289	—	
	p-value	< .001	0.275	0.017	0.002	0.098	0.996	0.656	< .001	0.190	0.528	< .001	< .001	0.014	—	
Albumin	Pearson's r	-0.087	-0.015	0.514	-0.201	-0.062	0.107	0.047	0.263	-0.244	-0.096	-0.085	0.020	0.050	0.261	—
	p-value	0.466	0.899	< .001	0.090	0.613	0.373	0.695	0.026	0.039	0.421	0.477	0.868	0.675	0.027	—

Boldface indicates statistical significance

WBC: White blood cell count, BUN: Blood urea nitrogen, LDH: Lactate dehydrogenase, WM: Wall muscle, SCF: Subcutaneous fat, VF: Visceral fat, PM: Psoas muscle

Supplementary Table 2 Comparison of CT-derived morphomic variables according to pancreatitis subtype

Morphomic Variables	All patients (<i>n</i> = 72)	AIOP (<i>n</i> = 55)	NP (<i>n</i> = 17)	<i>P</i>-value
Wall muscle area (cm ²)	126 (30.7)	123 (31.1)	135 (28.7)	0.148
Wall muscle density (HU)	27.8 (13.3)	28.3 (13.3)	26.5 (13.9)	0.643
Psoas muscle area (cm ²)	9.35 (3.87)	9.47 (3.70)	8.97 (4.47)	0.587
Psoas muscle density (HU)	44.5 (12.0)	44.2 (12.5)	45.7 (10.9)	0.710
Subcutaneous fat area (cm ²)	233 (137)	231 (147)	242 (103)	0.295
Subcutaneous fat density (HU)	-95.2 (11.5)	-95.3 (12.2)	-94.9 (9.18)	0.560
Visceral fat area (cm ²)	205 (106)	201 (106)	218 (107)	0.516
Visceral fat density (HU)	-77.2 (14.0)	-77.3 (14.9)	-76.8 (10.9)	0.695

Values are displayed as mean followed by standard deviation in brackets. Shapiro-Wilk testing revealed none of the above data followed a normal distribution. Mann Whitney U was therefore used for comparison of morphomic variables according to pancreatitis subtype.

AIOP: Acute interstitial oedematous pancreatitis, NP: Necrotising pancreatitis)