

Neural Networks for Medical Data Processing: Segmentation of Fluorescence Lifetime Imaging Microscopy: Supplementary

Table SI. Table of p-values for comparison between weeks of different models of metabolic shift.

Steatosis	Manually calculated												
		0 day				3 day				7 day			
		0 week	3 week	6 week	9 week	0 week	3 week	6 week	9 week	0 week	3 week	6 week	9 week
	3 week	2,00E-16				3,40E-16				1,70E-14			
	6 week	4,50E-09	2,00E-16			9,60E-15	2,00E-16			2,40E-08	2,00E-16		
	9 week	1,30E-05	2,00E-16	0.26		0.0105	9,20E-09	2,00E-16		0.77	5,80E-15	1,00E-09	
	12 week	2,40E-08	2,00E-16	0.79	0.22	7,10E-09	2,40E-05	2,00E-16	0.0031	0.98	1,20E-14	9,30E-08	0.77
	Automatically calculated, 3 components												
		0d				3d				7d			
		0w	3w	6w	9w	0w	3w	6w	9w	0w	3w	6w	9w
	3 week	2,00E-16				2,00E-16				2,60E-12			
	6 week	0.1167	2,00E-16			1,20E-06	2,00E-16			1,40E-13	2,00E-16		
	9 week	1,30E-08	2,00E-16	2,00E-16		0.0018	2,00E-16	2,00E-16		0.9096	5,10E-15	2,00E-16	
	12 week	0.0060	2,00E-16	0.0048	3,40E-13	6,50E-15	2,40E-10	2,00E-16	2,00E-16	0.0410	2,00E-16	2,00E-16	0.0011
	Automatically calculated, 2 components												
		0 day				3 day				7 day			
		0 week	3 week	6 week	9 week	0 week	3 week	6 week	9 week	0 week	3 week	6 week	9 week
	3 week	0.21164				0.1471				0.04795			
	6 week	0.92976	0.00024			0.6095	8,70E-05			0.15584	0.00091		
	9 week	0.92976	0.00032	0.92976		0.4357	0.0016	0.0131		0.41514	0.10502	0.02914	
	12 week	0.92976	0.00054	0.92976	0.96089	0.1003	0.0512	0.0013	0.0458	0.93986	0.01494	0.02914	0.26378
Fibrosis	Manually calculated												
		0 day				3 day				7 day			
		0 week	2 week	4 week	6 week	0 week	2 week	4 week	6 week	0 week	2 week	4 week	6 week
	2 week	2.1e-11				0.02052				0.3655			
	4 week	2,00E-16	3.4e-10			0.05422	0.96813			0.3068	0.2208		
	6 week	2,00E-16	0.290	3.3e-08		2,00E-16	1.7e-09	2.7e-13		1.0e-08	0.2208	0.0006	
	8 week	0.023	1.2e-11	2,00E-16	2,00E-16	0.00042	0.00129	0.00029	0.00042	1.6e-05	0.0067	0.5484	1.8e-12
	Automatically calculated, 3 components												
		0 day				3 day				7 day			
		0 week	2 week	4 week	6 week	0 week	2 week	4 week	6 week	0 week	2 week	4 week	6 week
	2 week	3.8e-12				0.23				2,00E-16			
	4 week	2,00E-16	7.5e-06			0.58	0.50			5.1e-11	2,00E-16		
	6 week	2,00E-16	2,00E-16	0.00923		5.7e-10	2,00E-16	2,00E-16		2,00E-16	5.9e-08	8.8e-16	
	8 week	5.5e-14	0.00033	0.11586	1.2e-10	0.50	0.58	0.85	2,00E-16	1.8e-09	5.0e-05	9.0e-13	2,00E-16

Table SII. Table of p-values for comparison between days of different models of metabolic shift.

Steatosis	Manually calculated										
		0 week		3 week		6 week		9 week		12 week	
		0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day
	3 day	3,30E-07		2,00E-16		0.75683		2,00E-16		2,00E-16	
	7 day	0.015	1,20E-09	2,00E-16	0.00044	1,30E-05	0.00015	0.54	5,80E-15	0.31	2,00E-16
	Automatically calculated, 3 components										
		0 week		3 week		6 week		9 week		12 week	
		0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day
	3 day	0.55618		2,00E-16		1,40E-10		2,00E-16		2,00E-16	
	7 day	0.00140	0.00039	2,00E-16	1,20E-13	2,00E-16	1,50E-13	5,40E-05	2,00E-16	2,90E-11	2,00E-16
	Automatically calculated, 2 components										
		0 week		3 week		6 week		9 week		12 week	
		0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day
	3 day	0.67		3,60E-11		0.756		0.0157		1,20E-05	
	7 day	0.40	0.40	1,30E-05	0.0034	0.036	0.127	0.7237	0.0043	0.14	1,90E-06
Fibrosis	Manually calculated										
		0 week		2 week		4 week		6 week		8 week	
		0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day
	3 day	3,30E-07		0.00015		2,40E-14		2,00E-16		0.00012	
	7 day	0.015	1,20E-09	0.78650	0.04700	2,00E-08	0.85	0.13	2,00E-16	0.55888	0.00072
	Automatically calculated, 3 components										
		0 week		2 week		4 week		6 week		8 week	
		0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day	0 day	3 day
	3 day	0.55618		2,00E-16		2,00E-16		2,00E-16		2,00E-16	
	7 day	0.00140	0.00039	0.086	2,00E-16	1,10E-14	1,90E-09	0.74	2,00E-16	1,90E-06	2,00E-16