

Table S1. Statistical analyses concerning the porosity of the scaffolds.

PCL	500 rpm	1000 rpm	PLA	500 rpm	1000 rpm
1000 rpm	0.066	-	1000 rpm	< 0.001	-
2500 rpm	< 0.001	0.003	2500 rpm	< 0.001	< 0.001

PCL vs. PLA	500 rpm	1000 rpm	2500 rpm
	0.002	< 0.001	< 0.001

Table S2. Statistical analyses concerning the pore sizes of the scaffolds.

PCL	500 rpm	1000 rpm	PLA	500 rpm	1000 rpm
1000 rpm	0.11	-	1000 rpm	< 0.001	-
2500 rpm	0.49	0.06	2500 rpm	< 0.001	< 0.001

PCL vs. PLA	500 rpm	1000 rpm	2500 rpm
	< 0.001	< 0.001	0.003

Table S3. Statistical analyses concerning the mechanical properties of the scaffolds.

Statistical significance for the Tensile Strengths					
PCL	500 rpm	1000 rpm	PLA	500 rpm	1000 rpm
1000 rpm	0.539	-	1000 rpm	0.122	-
2500 rpm	0.005	0.016	2500 rpm	0.015	0.014

PCL vs. PLA	500 rpm	1000 rpm	2500 rpm
	0.006	0.006	< 0.001

Statistical significance for the Strain at break					
PCL	500 rpm	1000 rpm	PLA	500 rpm	1000 rpm
1000 rpm	0.006	-	1000 rpm	0.668	-
2500 rpm	0.001	0.149	2500 rpm	0.432	0.612

PCL vs. PLA	500 rpm	1000 rpm	2500 rpm
	< 0.001	< 0.001	0.001

Statistical significance for the Young's Modulus					
PCL	500 rpm	1000 rpm	PLA	500 rpm	1000 rpm
1000 rpm	< 0.001	-	1000 rpm	< 0.001	-
2500 rpm	0.005	0.013	2500 rpm	0.002	0.112

PCL vs. PLA	500 rpm	1000 rpm	2500 rpm
	0.046	0.018	0.004

Statistical significance for the Toughness					
PCL	500 rpm	1000 rpm	PLA	500 rpm	1000 rpm
1000 rpm	0.924	-	1000 rpm	0.147	-
2500 rpm	0.051	0.096	2500 rpm	< 0.001	0.002

PCL vs. PLA	500 rpm	1000 rpm	2500 rpm
	< 0.001	0.048	0.009