

Supplementary Table 1. MIA induced cartilage damage is correlated with pain-like behavioral measurements.

	Cartilage (basal)			Cartilage (superficial)			Cartilage Δ (basal-superficial)		
	r	r ²	p	r	r ²	p	r	r ²	p
Total (n = 15)									
#Crossings (%pre)	0.598	0.357	0.019*	0.220	0.048	0.431	0.370	0.137	0.175
Weight bearing %change d15-d18 (%)	-0.346	0.120	0.207	-0.576	0.332	0.025*	0.168	0.028	0.549
Weight bearing %change d15-d22 (%)	-0.092	0.008	0.745	-0.602	0.363	0.017*	0.428	0.183	0.112
Weight bearing d15 (%)	0.307	0.094	0.265	-0.454	0.206	0.089	0.673	0.452	0.006*
Weight bearing d18 (%)	-0.297	0.088	0.282	-0.671	0.450	0.006*	0.294	0.087	0.287
Weight bearing d22 (%)	0.155	0.024	0.580	-0.494	0.244	0.062	0.565	0.319	0.028*
Weight bearing d4 (%)	-0.022	0.000	0.937	-0.641	0.411	0.010*	0.525	0.276	0.044*
PBMT (n = 8)									
#Crossings d29 (%pre)	0.720	0.519	0.044*	0.208	0.043	0.620	0.366	0.134	0.372
Von Fre d18 (gF)	0.787	0.620	0.020*	0.525	0.276	0.182	0.130	0.017	0.759
Von Frey d15 (%pre)	-0.230	0.053	0.583	0.676	0.457	0.066	-0.792	0.628	0.019*
Von Frey d15 (gF)	-0.068	0.005	0.874	0.769	0.591	0.026*	-0.752	0.565	0.032*
Von Frey d18 (%pre)	0.917	0.841	0.001*	0.203	0.041	0.629	0.523	0.273	0.184
Von Frey d4 (gF)	0.292	0.085	0.482	-0.601	0.361	0.115	0.772	0.596	0.025*
Weight bearing %change d15-d18 (%)	-0.544	0.295	0.164	-0.740	0.548	0.036*	0.254	0.064	0.544
Weight bearing %change d15-d22 (%)	-0.439	0.193	0.276	-0.723	0.523	0.043*	0.319	0.102	0.442
Weight bearing d15 (%)	0.234	0.055	0.578	-0.737	0.543	0.037*	0.850	0.723	0.007*
Weight bearing d18 (%)	-0.372	0.139	0.364	-0.893	0.798	0.003*	0.526	0.276	0.181

*Pearson correlation (p < 0.05)