

Tissue	Parameter	Outliers #	$R_{GLMM(c)}^2$	P-values vs null model	LME estimates					
					Grade			Lesion		
					lower	est	upper	lower	est	upper
GM	MD	4163	0.347	0.037	-0.008	0.003	0.014			
GM	MKT	4415	0.194	<0.001	-0.055	-0.034	-0.014			
WM	K_{\perp}	5224	0.152	<0.001	-0.153	-0.118	-0.082	-0.960	-0.854	-0.748
WM	FA	8618	0.624	<0.001	-0.026	-0.015	-0.003	-0.395	-0.340	-0.285
WM	K_{\parallel}	4581	0.994	<0.001	-0.037	-0.020	-0.002	0.040	0.077	0.114
WM	D_{\perp}	5258	0.479	<0.001	0.009	0.013	0.017	0.171	0.255	0.340
WM	D_{\parallel}	4240	0.523	<0.001	-0.056	-0.012	0.031	-0.248	-0.180	-0.111
WM	f	5220	0.556	<0.001	-0.012	-0.009	-0.006	-0.118	-0.097	-0.076
WM	D_a	3532	0.752	0.0036	-0.022	-0.006	0.011	-0.030	0.142	0.314
WM	$D_{e,\parallel}$	3297	0.669	<0.001	0.004	0.009	0.014	0.031	0.108	0.185
WM	$D_{e,\perp}$	5576	0.753	<0.001	-0.009	-0.006	-0.003	0.158	0.261	0.364
WM	κ	4764	0.740	<0.001	-0.777	-0.606	-0.434	-7.589	-6.853	-6.117