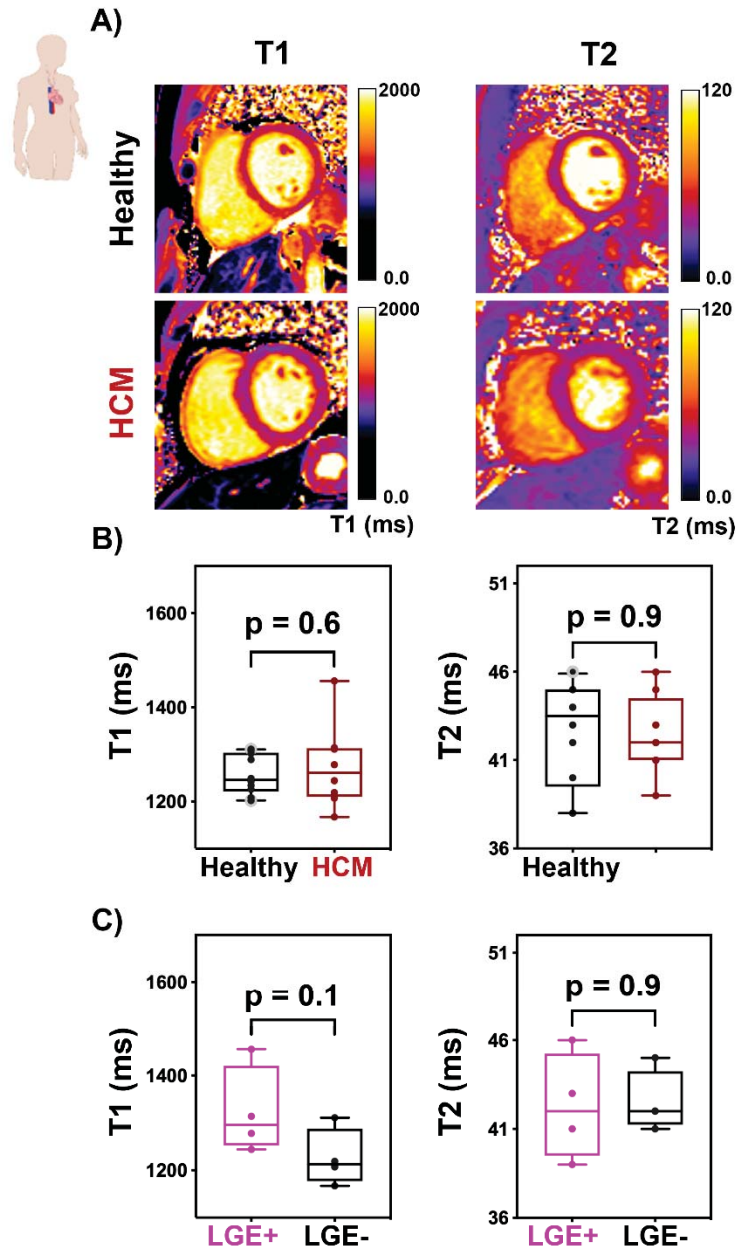


Supplemental Figure 1. Relaxometry reveals no significant differences between Healthy and HCM. **A)** Representative T1 and T2 maps of a male control and male HCM subject. **B)** T1 (HCM: 1274 ± 84 ms, Healthy: 1257 ± 40 ms; $p=0.6$) and T2 (HCM: 42.4 ± 2.1 ms, Healthy: 42.5 ± 2.8 ms; $p=0.9$) measured in the whole LV is not significantly different ($p > 0.05$) between healthy controls and HCM patients. **C)** Within HCM patients, LGE+ patients tend to have elevated T1 compared to LGE- patients, but no significant difference was found between groups for T1 (LGE+: 1323 ± 81 ms, LGE-: 1226 ± 53 ms; $p=0.1$) or T2 (LGE+: 42.3 ± 2.6 ms, LGE-: 42.5 ± 1.5 ms; $p=0.9$).



Supplemental Figure 2. No significant correlation of relaxometry and cDTI in HCM. In the HCM patient cohort, MD and HAT tended to increase and FA tended to decrease with increasing T1 and T2, but correlations were not significant ($p > 0.05$).

