

Supplemental Table S2. Regression model for combination of CEST and MRS.

ANOVA: CEST and MRS					
	df	SS	MS	F	p-value
Regression	2	168.237	84.119	344.132	<0.001
Residual	769	187.972	0.244		
Total	771	356.209			
ANOVA: MRS					
	df	SS	MS	F	p-value
Regression	1	109.872	109.872	343.436	<0.001
Residual	770	246.337	0.320		
Total	771	356.209			
Add CEST as a new variable can improve model					
	dfE	SSE	MSE	F	p-value
Full model (CEST and MRS)	769	187.972	0.244	238.776	<0.001
Single variable model (MRS)	770	246.337			

ANOVA: Analysis of Variance. df: degree of freedom. SS: Sum of Squares. MS: Mean Square. dfE: degree of freedom error. SSE: Sum of Squares due to Error. MSE: Mean Square Error