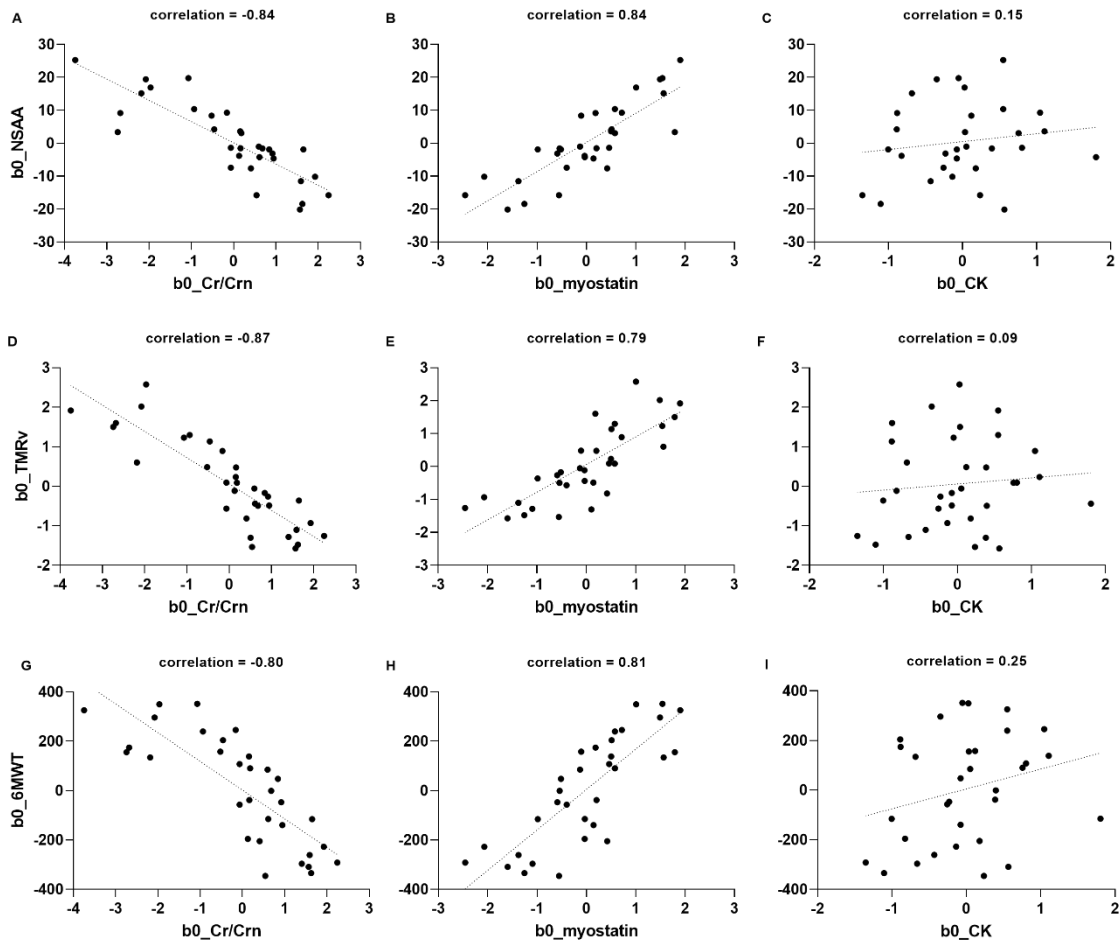
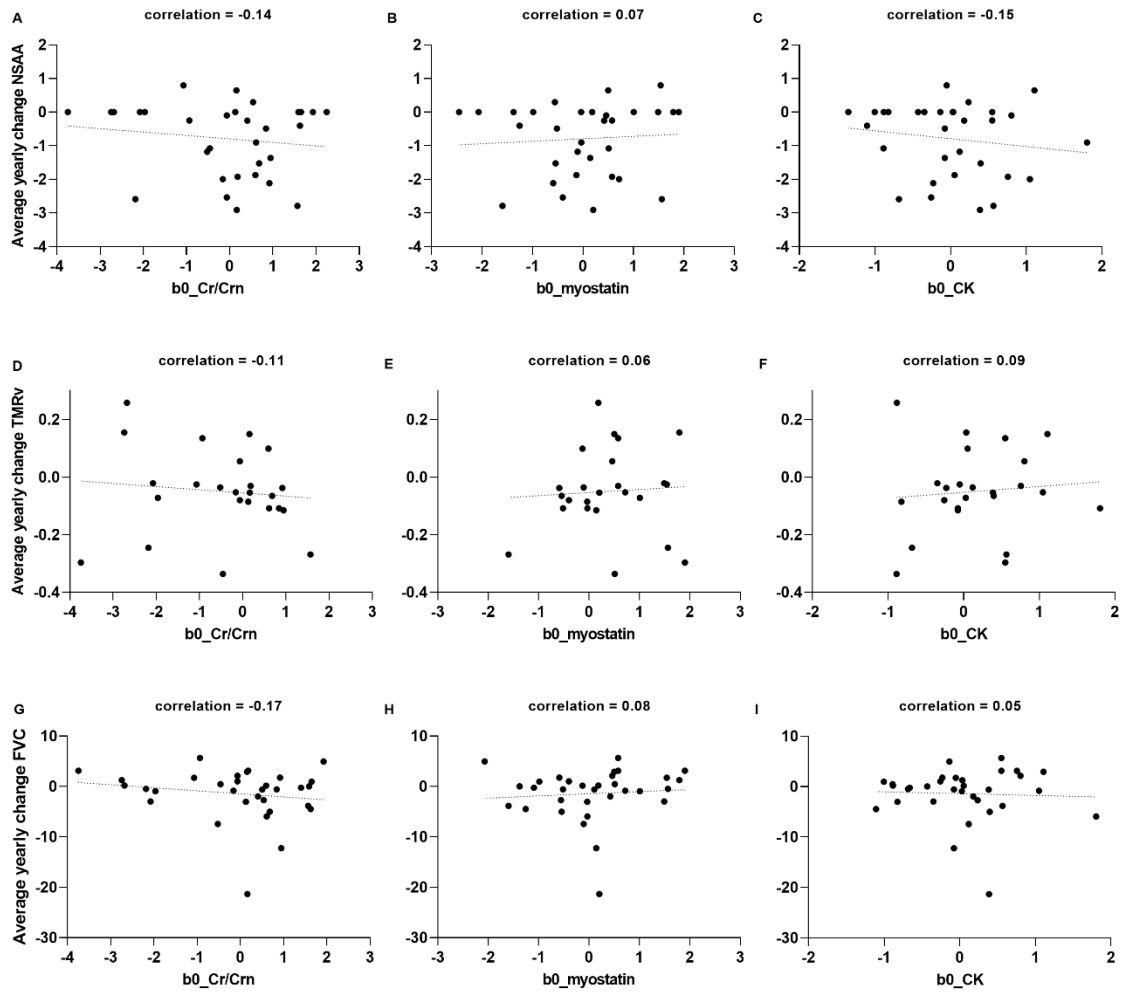


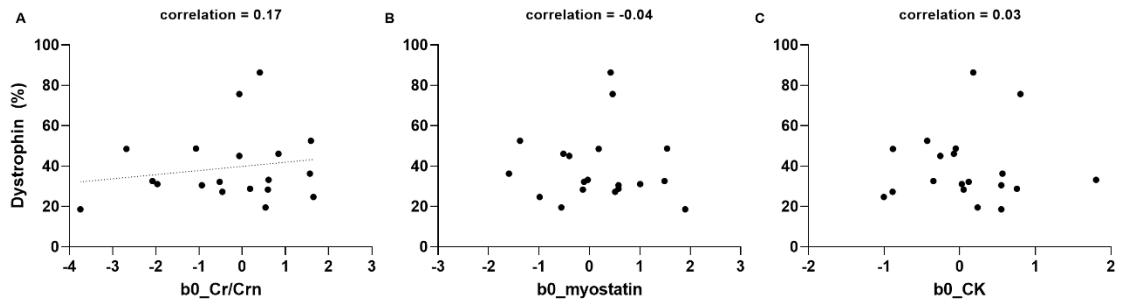
eTable 1: mixed model estimates of the biomarkers					
Biomarker	Intercept (SE)	Age effect (SE)	Variance of error term	p-value for the age effect	Adjusted p-value
Creatine/creatinine	0.3594 (0.8150)	0.0085 (0.0175)	0.0934	0.6265	0.6265
Myostatin	11.2957 (0.6059)	-0.0218 (0.0123)	0.0498	0.0981	0.1472
CK	12.9208 (0.6450)	-0.0675 (0.0143)	0.5605	0.0001	0.0002



eFigure 1. Correlation of biomarkers with functional tests across patients. The random intercepts of the North Star Ambulatory Test (A-C), Ten meter run velocity (D-F) and 6-minute walking test (G-I) correlated highly to the random intercepts of creatine/creatinine_{ratio} and myostatin and the correlations with creatine kinase were found to be weak. Cr/Crn = Creatine/creatinine_{ratio}, CK = Creatine kinase, NSAA = North Star Ambulatory Assessment, TMR_v = ten meter run velocity, 6MWT = 6-minute walking test



eFigure 2. Correlation of biomarkers with average yearly change of functional tests and pulmonary performance in BMD patients. Average yearly change of the NSAA (A-C), TMRv (D-F) and FVC (G-I) correlated weakly to Creatine/creatinine_{ratio}, myostatin and CK. BMD = Becker muscular dystrophy, Cr/Crn = Creatine/creatinine_{ratio}, CK = Creatine kinase, NSAA = North Star Ambulatory Assessment, TMRv = ten meter run velocity, FVC = forced vital capacity percentage predicted



eFigure 3. Correlation of biomarkers with dystrophin in BMD patients. Creatine/creatinine_{ratio} (A), myostatin (B) and creatine kinase (C) correlated weakly to dystrophin. BMD = Becker muscular dystrophy, Cr/Crn = Creatine/creatinine_{ratio}, CK = Creatine kinase