**Supplemental Table 1: Correlation analysis between the L3SMI and the MMA and various laboratory parameters**

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| **Parameter** | **MMA** | **L3SMI** |
| Leukocytes | rS: -0.127, p=0.121 | rS: -0.002, p=0.985 |
| Hemoglobin | rS: 0.089, p=0.275 | rS: 0.136, p=0.108 |
| Thrombocytes  | rS: -0.78, p=0.340 | rS: 0.050, p=0.559 |
| INR | rS: -0.077, p=0.345 | rS: -0.009, p=0.915 |
| Sodium | rS: -0.112, p=0.167 | rS: -0.069, p=0.411 |
| Potassium | rS: -0.031, p=0.707 | rS: 0.148, p=0.077 |
| Protein | rS: 0.124, p=0.164 | rS: 0.022, p=0.809 |
| Albumin | rS: 0.099, p=0.291 | rS: 0.061, p=0.533 |
| Cholesterol | rS: -0.185, p=0.040 | rS: 0.014, p=0.883 |
| Bilirubin | rS: -0.020, p=0.849 | rS: -0.024, p=0.778 |
| AST | rS: 0.002, p=0.986 | rS: 0.064, p=0.460 |
| ALT | rS: 0.055, p=0.500 | rS: 0.051, p=0.547 |
| GGT | rS: 0.056, p=0.571 | rS: -0.102, p=0.229 |
| ALP | rS: -0.143, p=0.092 | rS: -0.275, p=0.001 |
| LDH | rS: -0.051, p=0.532 | rS: -0.074, p=0.377 |
| NT-proBNP | rS: -0.234, p=0.012 | rS: -0.242, p=0.011 |
| Creatinine  | rS: -0.160, p=0.047 | rS: 0.122, p=0.143 |
| CRP | rS: -0.094, p=0.247 | rS: 0.066, p=0.436 |
| PCT | rS: -0.066, p=0.473 | rS: 0.066, p=0.488 |
| IL-6 | rS: 0.021, p=0.817 | rS: 0.182, p=0.047 |

MMA: mean skeletal muscle attenuation, L3SMI: skeletal muscle index, INR: International Normalized Ratio, AST: aspartate transaminase, ALT: alanine transaminase, GGT: γ-Glutamyl transpeptidase, ALP: alkaline phosphatase, LDH: lactate dehydrogenase, BNP: brain natriuretic peptide, CRP: C-reactive protein, PCT: procalcitonin, IL: interleukin, rS: Spearman’s correlation coefficient