**Supplementary Material 3.** Adjusted Hazard Ratios of Sarcopenic Factors for Overall Survival and Progression-Free Survival by Multivariate Cox Proportional Hazard Analyses, When Four Non-Smokers With Driver Mutations Were Excluded (N = 70)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **PFS** | | **OS** | |
| **HR (95% CI)** | **P** | **HR (95% CI)** | **P** |
| BMI (kg/m2)  ≥ 18.5  < 18.5 | 1 (Reference)  1.00 (0.50 - 2.01) | 0.99 | 1(Reference)  1.77 (0.76 - 4.08) | 0.18 |
| PMI (cm2/m2)  High  Low | 1 (Reference)  0.83 (0.47 - 1.46) | 0.51 | 1(Reference)  1.05 (0.54 - 2.03) | 0.89 |
| IMAC  High  Low | 1 (Reference)  0.64 (0.29 - 1.44) | 0.28 | 1(Reference)  0.52 (0.22 - 1.27) | 0.15 |
| VSR  High  Low | 1 (Reference)  0.81 (0.44 - 1.52) | 0.52 | 1(Reference)  0.77 (0.37 - 1.62) | 0.50 |
| VFA  < 100 cm2  ≥ 100 cm2 | 1 (Reference)  1.28 (0.75 - 2.16) | 0.36 | 1 (Reference)  1.21 (0.66 - 2.22) | 0.53 |

Multivariate adjustment for serum albumin (< 3.5 vs. ≥ 3.5g/dL), neutrophil to lymphocyte ratio (< 5 vs. ≥ 5) and ECOG-PS (0 - 1 vs. 2 - 4). BMI: body mass index; CI: confidence interval; HR: hazard ratio; IMAC: intramuscular adipose tissue content; PMI: psoas muscle index; VFA: visceral fat area; VSR: visceral to subcutaneous adipose tissue area ratio.