Table 1 Difference and logistics analysis of blood routine count items between AS and non-AS patients

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| Index | AS (N=6841)  Mean±SD | Non\_AS (N=10158)  Mean±SD | p\_value | OR (univariable) | OR (multivariable) |
| WBC | 8.29 ± 2.35 | 7.46 ± 2.94 | 2.45E-92 | 1.13 (1.12-1.14, p<.001) | 0.81 (0.77-0.85, p<.001) |
| PLT | 322.96 ± 101.46 | 274.46 ± 91.87 | 2.96E-213 | 1.01 (1.01-1.01, p<.001) | 1.00 (1.00-1.01, p<.001) |
| ANC | 5.30 ± 2.05 | 4.53 ± 2.61 | 1.79E-102 | 1.16 (1.15-1.18, p<.001) | 1.27 (1.22-1.33, p<.001) |
| ALC | 2.13 ± 0.69 | 2.14 ± 0.82 | 0.36 | 0.98 (0.94-1.02, p=.373) |  |
| AMC | 0.64 ± 0.24 | 0.56 ± 0.24 | 4.99E-106 | 4.25 (3.72-4.87, p<.001) | 3.33 (2.78-3.99, p<.001) |
| AEC | 0.18 ± 0.19 | 0.20 ± 0.31 | 2.42E-04 | 0.78 (0.68-0.90, p<.001) | 0.87 (0.73-1.03, p=.098) |
| ABC | 0.04 ± 0.03 | 0.04 ± 0.3 | 0.24 | 1.44 (0.72-2.87, p=.301) |  |

Note: AS, Ankylosing spondylitis. WBC, White blood cell; PLT, Platelet; ANC, Absolute neutrophil count; ALC, Absolute lymphocyte count;

AMC, Absolute monocyte count; AEC, Absolute eosinophil count; ABC, Absolute basophil count. SD, Standard deviation; OR, Odds ratio.