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| **Table 2 Baseline Table of the Internal dataset validation group** | | | | |
| **variables** | **Validation Group**  **(N=** **1713)** | **AS**  **（N=644）** | **N-AS**  **（N=1069）** | **P-value** |
| **Age** |  |  |  | <0.001 |
| Mean (SD) | 38.1 (11.4) | 35.7 (9.06) | 39.5 (12.4) |  |
| Median [Min, Max] | 36.0 [18.0, 71.0] | 34.0 [18.0, 63.0] | 37.0 [18.0, 71.0] |  |
| **Gender** |  |  |  | <0.001 |
| Male | 68.01% | 83.18% | 59.02% |  |
| Female | 31.99% | 16.82% | 40.98% |  |
| **ESR** |  |  |  | 0.00111 |
| Mean (SD) | 25.7 (23.0) | 28.1 (24.1) | 24.2 (22.2) |  |
| Median [Min, Max] | 17.2 [2.00, 99.0] | 19.1 [2.00, 99.0] | 16.0 [2.00, 99.0] |  |
| **WBC** |  |  |  | 0.0303 |
| Mean (SD) | 7.66 (2.48) | 7.83 (2.55) | 7.55 (2.43) |  |
| Median [Min, Max] | 7.14 [3.61, 17.1] | 7.30 [3.61, 17.1] | 7.04 [3.61, 17.1] |  |
| **RBC** |  |  |  | 0.345 |
| Mean (SD) | 4.73 (0.731) | 4.71 (0.711) | 4.74 (0.743) |  |
| Median [Min, Max] | 4.71 [1.43, 7.29] | 4.70 [1.43, 7.29] | 4.73 [1.79, 7.19] |  |
| **Hb** |  |  |  | 0.276 |
| Mean (SD) | 131 (20.3) | 130 (20.0) | 131 (20.4) |  |
| Median [Min, Max] | 132 [56.5, 179] | 132 [65.6, 171] | 133 [56.5, 179] |  |
| **HCT** |  |  |  | 0.104 |
| Mean (SD) | 0.398 (0.0576) | 0.395 (0.0573) | 0.399 (0.0577) |  |
| Median [Min, Max] | 0.401 [0.140, 0.540] | 0.400 [0.140, 0.520] | 0.402 [0.156, 0.540] |  |
| **MCV** |  |  |  | 0.327 |
| Mean (SD) | 84.7 (9.11) | 84.4 (9.16) | 84.9 (9.08) |  |
| Median [Min, Max] | 86.9 [51.8, 113] | 86.4 [53.3, 107] | 87.1 [51.8, 113] |  |
| **MCH** |  |  |  | 0.692 |
| Mean (SD) | 27.9 (3.58) | 27.9 (3.58) | 27.9 (3.58) |  |
| Median [Min, Max] | 28.9 [15.1, 38.2] | 28.8 [15.2, 34.9] | 29.0 [15.1, 38.2] |  |
| **MCHC** |  |  |  | 0.00452 |
| Mean (SD) | 328 (13.9) | 329 (13.3) | 328 (14.1) |  |
| Median [Min, Max] | 330 [235, 372] | 330 [283, 372] | 329 [235, 366] |  |
| **PLT** |  |  |  | 0.955 |
| Mean (SD) | 288 (94.6) | 287 (92.8) | 288 (95.7) |  |
| Median [Min, Max] | 273 [106, 613] | 271 [106, 613] | 273 [106, 613] |  |
| **MPV** |  |  |  | 0.00784 |
| Mean (SD) | 8.59 (1.32) | 8.49 (1.30) | 8.66 (1.33) |  |
| Median [Min, Max] | 8.46 [5.49, 18.3] | 8.29 [5.70, 17.5] | 8.56 [5.49, 18.3] |  |
| **PDW** |  |  |  | <0.001 |
| Mean (SD) | 0.150 (0.0286) | 0.155 (0.0257) | 0.147 (0.0299) |  |
| Median [Min, Max] | 0.160 [0.0700, 0.300] | 0.160 [0.0800, 0.280] | 0.160 [0.0700, 0.300] |  |

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| **Table 2** **(Continued) Baseline Table of the Internal dataset validation group** | | | | |
| **variables** | **Validation Group**  **(N=** **1713)** | **AS**  **（N=644）** | **N-AS**  **（N=1069）** | **P-value** |
| **GRAN** |  |  |  | <0.001 |
| Mean (SD) | 4.96 (2.21) | 5.44 (2.28) | 4.67 (2.11) |  |
| Median [Min, Max] | 4.42 [1.73, 13.3] | 4.91 [1.73, 13.3] | 4.20 [1.73, 13.3] |  |
| **NEUT** |  |  |  | <0.001 |
| Mean (SD) | 0.607 (0.103) | 0.623 (0.101) | 0.598 (0.102) |  |
| Median [Min, Max] | 0.611 [0.227, 0.903] | 0.625 [0.357, 0.903] | 0.599 [0.227, 0.843] |  |
| **LYMF** |  |  |  | 0.597 |
| Mean (SD) | 2.07 (0.696) | 2.08 (0.710) | 2.07 (0.687) |  |
| Median [Min, Max] | 1.98 [0.700, 4.39] | 2.00 [0.700, 4.39] | 1.98 [0.700, 4.39] |  |
| **LYM%** |  |  |  | 0.11 |
| Mean (SD) | 0.286 (0.0929) | 0.281 (0.0892) | 0.289 (0.0949) |  |
| Median [Min, Max] | 0.280 [0.0870, 0.518] | 0.272 [0.0870, 0.518] | 0.286 [0.0870, 0.518] |  |
| **MONO** |  |  |  | 0.149 |
| Mean (SD) | 0.577 (0.236) | 0.587 (0.240) | 0.570 (0.234) |  |
| Median [Min, Max] | 0.520 [0.0200, 2.11] | 0.540 [0.190, 1.76] | 0.510 [0.0200, 2.11] |  |
| **MONO%** |  |  |  | 0.741 |
| Mean (SD) | 0.0766 (0.0223) | 0.0763 (0.0225) | 0.0767 (0.0222) |  |
| Median [Min, Max] | 0.0740 [0.0302, 0.150] | 0.0730 [0.0302, 0.150] | 0.0740 [0.0302, 0.150] |  |
| **EOS** |  |  |  | 0.708 |
| Mean (SD) | 0.184 (0.191) | 0.186 (0.194) | 0.182 (0.189) |  |
| Median [Min, Max] | 0.130 [0, 1.20] | 0.130 [0, 1.20] | 0.120 [0, 1.20] |  |
| **EOS%** |  |  |  | 0.873 |
| Mean (SD) | 0.0250 (0.0242) | 0.0248 (0.0246) | 0.0250 (0.0240) |  |
| Median [Min, Max] | 0.0180 [0, 0.146] | 0.0180 [0, 0.146] | 0.0180 [0, 0.146] |  |
| **BASO** |  |  |  | 0.394 |
| Mean (SD) | 0.0348 (0.0235) | 0.0341 (0.0251) | 0.0352 (0.0224) |  |
| Median [Min, Max] | 0.0300 [0, 0.110] | 0.0300 [0, 0.110] | 0.0300 [0, 0.110] |  |
| **BASO%** |  |  |  | 0.697 |
| Mean (SD) | 0.00508 (0.00252) | 0.00505 (0.00246) | 0.00510 (0.00256) |  |
| Median [Min, Max] | 0.00500 [0, 0.0140] | 0.00500 [0, 0.0140] | 0.00500 [0, 0.0140] |  |
| **RDW-CV** |  |  |  | 0.216 |
| Mean (SD) | 0.140 (0.0229) | 0.141 (0.0244) | 0.139 (0.0220) |  |
| Median [Min, Max] | 0.130 [0.110, 0.430] | 0.130 [0.110, 0.430] | 0.130 [0.110, 0.340] |  |
| **PCT** |  |  |  | 0.118 |
| Mean (SD) | 0.243 (0.0762) | 0.240 (0.0720) | 0.246 (0.0787) |  |
| Median [Min, Max] | 0.230 [0.100, 0.500] | 0.224 [0.100, 0.500] | 0.232 [0.100, 0.500] |  |