**Supplementary table 1** Significantly statistical value of demographic data in Table 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **p value (Parameters)** | **PV** | **ET** | **PMF** | **Unspecified MPN** |
| **PV** |  | < 0.0001 (Hb, Hct, Plt, Jak2 residue), 0.0363 (WBC) | < 0.0001 (Age, WBC, Hb, Hct, Plt) | < 0.0001 (WBC, Hb), < 0.01 (Hct) |
| **ET** | < 0.0001 (Hb, Hct, Plt, Jak2 residue), 0.0363 (WBC) |  | < 0.05 (Age), < 0.0001 (Hb, Hct), < 0.01 (Jak2 residue) | < 0.01 (Jak2 residue) |
| **PMF** | < 0.0001 (Age, WBC, Hb, Hct, Plt) | < 0.05 (Age), < 0.0001 (Hb, Hct), < 0.01 (Jak2 residue) |  | < 0.0001 (Hb), < 0.05 (Hct) |
| **Unspecified MPN** | < 0.0001 (WBC, Hb), < 0.01 (Hct) | < 0.01 (Jak2 residue) | < 0.0001 (Hb), < 0.05 (Hct) |  |

PV, polycythemia vera; ET, essential thrombocythemia; PMF, primary myelofibrosis; MPN, myeloproliferative neoplasm; WBC, white blood cells; Hct, hematocrit; Hb, hemoglobin; SD, standard deviation.

\*One-way ANOVA and multiple comparisons compared between PV, ET, PMF and Unspecified MPN.