**Supplementary Table 2.** Kolmogorov-Smirnov test for the normality of baseline data.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Total patients*p*-value (K-S test) | Lipid Normal group*p*-value (K-S test) | Lipid Abnormal group*p*-value (K-S test) |
| **Age** | >0.1000 | >0.1000 | >0.1000 |
| **Log10 (HBV DNA)** | >0.1000 | >0.1000 | >0.1000 |
| **Median follow-μp time** | >0.1000 | >0.1000 | >0.1000 |
| **TC (mmol/L)** | >0.1000 | >0.1000 | 0.0115 |
| **TG (mmol/L)** | 0.0102 | >0.1000 | 0.0219 |
| **HDL-C (mmol/L)** | >0.1000  | 0.0209 | >0.1000 |
| **LDL-C (mmol/L)** | >0.1000 | >0.1000 | 0.0005 |
| **TBil (μmol/L)** | <0.0001 | <0.0001 | <0.0001 |
| **DBil (μmol/L)** | <0.0001 | <0.0001 | <0.0001 |
| **ALT (U/L)** | <0.0001 | <0.0001 | <0.0001 |
| **AST (U/L)** | <0.0001 | <0.0001 | <0.0001 |
| **ALP (U/L)** | 0.0085 | 0.0607 | 0.0182 |
| **GGT (U/L)** | <0.0001 | <0.0001 | <0.0001 |
| **TP (g/L)** | <0.0001 | 0.0562 | 0.0047 |
| **ALB(g/L)** | 0.0002 | >0.1000 | 0.0008 |
| **GLO (g/L)** | 0.0870 | >0.1000 | >0.1000 |
| **Glu (mmol/L) (36:40)** | 0.0312 | >0.1000 | 0.0185 |
| **UA (μmol/L) (38:46)** | >0.1000 | >0.1000 | >0.1000 |
| **Ca (mmol/L) (37:39)** | 0.0407 | >0.1000 | >0.1000 |
| **P (mmol/L) (37:39)** | >0.1000 | 0.0774 | >0.1000 |
| **AFP (μg/L) (37:39)** | <0.0001 | <0.0001 | <0.0001 |
| **WBC (10^9/L) (35:45)** | >0.1000 | >0.1000 | >0.1000 |
| **RBC (10^12/) (35:45)** | >0.1000 | >0.1000 | >0.1000 |
| **HGB (g/L) (35:45)** | 0.0253 | >0.1000 | 0.0212 |
| **PLT (10^9/L) (35:45)** | >0.1000 | >0.1000 | >0.1000 |
| **NEUT (10^9/L) (35:45)** | >0.1000 | >0.1000 | 0.0338 |
| **LYMPH (10^9/L) (35:45)** | >0.1000 | 0.0700 | 0.0709 |
| **EO (10^9/L) (35:45)** | <0.0001 | <0.0001 | <0.0001 |
| **BASO (10^9/L) (35:45)** | <0.0001 | <0.0001 | <0.0001 |
| **LSM (kPa) (30:42)** | 0.0013 | 0.0036 | >0.1000 |
| **CAP (dB/m) (30:41)** | >0.1000 | 0.0016 | >0.1000 |
| **Hight (cm) (30:39)** | <0.0001 | <0.0001 | >0.1000 |
| **Wight (Kg) (30:39)** | >0.1000 | >0.1000 | >0.1000 |
| **BMI(Kg/m2) (30:39)** | <0.0001 | <0.0001 | >0.1000 |

AFP, alpha-fetoprotein; ALB, albumin; ALP, alkaline phosphatase; ALT, alanine transaminase; APRI, AST-to-platelet ratio index; AST, aspartate transaminase; BASO, basophil; BMI, body mass index; Ca, calcium; CAP, controlled attenuation parameter; Cr, creatine; CVS, complete viral suppression; DBil, direct bilirubin; eGFR, estimated glomerular filtration rate; EO, eosinophil; FIB-4, fibrosis-4 index; GGT, gamma-glutamyl transferase; GLO, globulin; Glu, glucose; HGB, hemoglobin; LSM, liver stiffness measurement; LYMPH, lymphocyte; MAFLD, metabolic associated fatty liver disease ; NEUT, neutrophil; P, phosphate; PLT, platelet; RBC, red blood cell; TBil, total bilirubin; TP, total protein; UA, uric acid; WBC, white blood cell.