**Supplementary Table 3.** Kolmogorov-Smirnov test for the normality of data in treatment-naïve patients.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Total patients**  **(n = 82)**  **(K-S test)** | | **Lipid Normal group**  **(n = 39)**  **(K-S test)** | | **Lipid Abnormal group**  **(n = 43)**  **(K-S test)** | |
|  | **baseline** | **follow-up** | **baseline** | **follow-up** | **baseline** | **follow-up** |
| **Log10 (HBV DNA)**  **(IU/mL)** | 0.0892 | <0.0001 | >0.1000 | <0.0001 | 0.0926 | <0.0001 |
| **CVS time (weeks)**  **(34:37)** | <0.0001 | | <0.0001 | | <0.0001 | |
| **LSM (kPa)**  **(25:31)** | 0.0004 | 0.0001 | 0.0321 | 0.0018 | 0.0171 | 0.0036 |
| **FIB-4**  **(27:29)** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| **APRI**  **(27:29)** | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0033 |
| **Weight (Kg)**  **(24:27)** | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 |
| **BMI (Kg/m2)**  **(24:27)** | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 |
| **CAP (dB/m)**  **(25:30)** | >0.1000 | >0.1000 | >0.1000 | 0.0203 | >0.1000 | >0.1000 |
| **T-Bil (μmol/L)**  **(39:43)** | <0.0001 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | >0.1000 |
| **D-Bil (μmol/L)**  **(39:43)** | <0.0001 | 0.0262 | <0.0001 | 0.0114 | <0.0001 | >0.1000 |
| **ALT (U/L)**  **(39:43)** | <0.0001 | 0.0020 | <0.0001 | 0.0632 | <0.0001 | 0.0174 |
| **AST (U/L)**  **(39:43)** | <0.0001 | 0.0322 | <0.0001 | 0.0108 | <0.0001 | 0.0345 |
| **ALP (U/L)**  **(39:43)** | 0.0121 | >0.1000 | >0.1000 | >0.1000 | 0.0546 | >0.1000 |
| **GGT (U/L)**  **(39:43)** | <0.0001 | <0.0001 | <0.0001 | 0.0002 | <0.0001 | 0.0001 |
| **TP (g/L)**  **(39:43)** | <0.0001 | >0.1000 | 0.025 | >0.1000 | 0.0104 | >0.1000 |
| **ALB (g/L)**  **(39:43)** | 0.0002 | >0.1000 | 0.0883 | 0.0321 | 0.0011 | >0.1000 |
| **GLO (g/L)**  **(39:43)** | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 |
| **UA (μmol/L)**  **(33:40)** | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 |
| **Glu (mmol/L)**  **(28:25)** | 0.0369 | >0.1000 | >0.1000 | >0.1000 | 0.0095 | >0.1000 |
| **Ca (mmol/L)**  **(27:28)** | 0.0830 | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 |
| **P (mmol/L)**  **(27:28)** | >0.1000 | <0.0001 | >0.1000 | <0.0001 | >0.1000 | >0.1000 |
| **AFP (μg/L)**  **(21:16)** | <0.0001 | 0.0025 | <0.0001 | 0.0070 | <0.0001 | 0.0741 |
| **WBC (10^9/L)**  **(27:29)** | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 | >0.1000 |
| **RBC (10^12/)**  **(27:29)** | >0.1000 | >0.1000 | >0.1000 | 0.0807 | >0.1000 | >0.1000 |
| **HGB (g/L)**  **(27:29)** | 0.0168 | >0.1000 | >0.1000 | >0.1000 | 0.0028 | >0.1000 |
| **PLT (10^9/L)**  **(27:29)** | >0.1000 | >0.1000 | 0.0922 | >0.1000 | >0.1000 | >0.1000 |
| **NEUT (10^9/L)**  **(27:29)** | >0.1000 | 0.0668 | >0.1000 | >0.1000 | 0.0718 | >0.1000 |
| **LYMPH (10^9/L)**  **(27:29)** | 0.0836 | >0.1000 | >0.1000 | >0.1000 | 0.0022 | 0.0857 |
| **EO (10^9/L)**  **(27:29)** | <0.0001 | <0.0001 | <0.0001 | 0.0122 | 0.0002 | <0.0001 |
| **BASO (10^9/L)**  **(27:29)** | <0.0001 | 0.0002 | <0.0001 | 0.0027 | 0.0002 | 0.0193 |

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.