**Table S1: TCGA-HCC patient baseline table.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **high risk** | **low risk** | **p** | **test** |
| **n** | **163** | **163** |  |  |
| **group = low risk (%)** | **0 (0.0)** | **163 (100.0)** | **<0.001** | **exact** |
| **age = 60+ (%)** | **83 (50.9)** | **90 (55.2)** | **0.506** | **exact** |
| **stage\_M = MX (%)** | **36 (22.1)** | **39 (23.9)** | **0.793** | **exact** |
| **stage\_N (%)** |  | **0.234** | **exact** |
|  **N0** | **120 (73.6)** | **113 (69.3)** |  |  |
|  **N1** | **0 (0.0)** | **3 (1.8)** |  |  |
|  **NX** | **43 (26.4)** | **47 (28.8)** |  |  |
| **stage\_T (%)** |  | **0.009** | **exact** |
|  **T1** | **99 (60.7)** | **71 (43.6)** |  |  |
|  **T2** | **34 (20.9)** | **45 (27.6)** |  |  |
|  **T3** | **27 (16.6)** | **40 (24.5)** |  |  |
|  **T4** | **2 (1.2)** | **7 (4.3)** |  |  |
|  **TX** | **1 (0.6)** | **0 (0.0)** |  |  |
| **gender = male (%)** | **117 (71.8)** | **107 (65.6)** | **0.282** | **exact** |
| **race (%)** |  |  | **0.262** | **exact** |
|  **american indian or alaska native** | **1 (0.6)** | **0 (0.0)** |  |  |
|  **asian** | **75 (46.0)** | **75 (46.0)** |  |  |
|  **black or african american** | **7 (4.3)** | **6 (3.7)** |  |  |
|  **not** reported | **8 (4.9)** | **2 (1.2)** |  |  |
|  **white** | **72** (44.2) | **80** (49.1) |  |  |
| **tumor\_stage (**%) |  | **0.008** | **exact** |
|  **not reported** | **7 (4.3)** | **10 (6.1)** |  |  |
|  **stage i** | **95 (58.3)** | **65 (39.9)** |  |  |
|  **stage ii** | **33 (20.2)** | **41 (25.2)** |  |  |