**Supplementary Table 2. Demographic and laboratory features of patients with all VBDS patients**

| **Characteristic** | **Excluded–VBDS*****n* = 59** | **Included–VBDS*****n* = 183** | ***p*** |
| --- | --- | --- | --- |
| Age in years, median (IQR) | 47.0(38.0, 55.0) | 49.0 (43.0 55.0) | 0.398 |
| Sex, *n* (%) |  |  | 0.690 |
| Male | 11 (17.9 %) | 41 (22.4%) |  |
| Female | 48 (82.1%) | 142 (77.6%) |  |
| ALT in U/L | 98 (68.9, 158) | 93.5 (48, 148) | 0.069 |
| AST in U/L | 103.25 (74.05, 150.85) | 87.3 (57.9, 127) | **0.032** |
| ALP in U/L | 351.45 (254.38, 710.5) | 340.5 (218.25, 538.5) | 0.167 |
| GGT in U/L | 479.5 (278.75, 692.25) | 366 (209, 632) | 0.109 |
| ALB in g/L | 40.1 (34.88, 44.47) | 38.15 (33.9, 42) | 0.089 |
| TBIL in µmol/L | 40.2 (30.4, 50.92) | 28.83 (17.1, 75.3) | 0.138 |
| **DBIL (umol/L)** | 32.3 (8.3, 107.8) | 10.33 (5.42, 33.7) | **0.042** |

Bold font indicates statistical significance. ALB, albumin; ALP, alkaline phosphatase; ALT, alanine aminotransferase; AST, aspartate aminotransferase; GGT, gamma-glutamyl transpeptidase; TBIL, total bilirubin; VBDS, vanishing bile duct syndrome.