## Supplementary Table 1. Univariable Cox regression analysis for graft- and patient survival

| Variable                                      | Graft survival - Univariable analysis | Patient survival – Univariable analysis |
|-----------------------------------------------|---------------------------------------|-----------------------------------------|
|                                               | n (%)                                 | Hazard ratio (95% Confidence Interval)   | p value | Hazard ratio (95% Confidence Interval) | p value |
| Donor age ≥60 years                           | 94 (42)                               | 1.375 (0.789-2.496)                     | 0.261   | 1.396 (0.778-2.504)                     | 0.264   |
| Donor BMI ≥25                                 | 178 (79)                              | 1.623 (0.730-3.608)                     | 0.235   | 1.448 (0.646-3.242)                     | 0.368   |
| Donor Sex Male                                | 117 (52)                              | 1.040 (0.597-1.812)                     | 0.890   | 1.120 (0.623-2.012)                     | 0.705   |
| Pre-transplant Child-Pugh Score ≥7            | 139 (62)                              | 1.333 (0.736-2.416)                     | 0.343   | 1.792 (0.925-3.471)                     | 0.084   |
| ECD Yes                                      | 154 (68)                              | 1.723 (0.882-3.365)                     | 0.111   | 1.719 (0.851-3.472)                     | 0.131   |
| Recipient age ≥60 years                       | 87 (39)                               | 1.175 (0.670-2.060)                     | 0.574   | 1.461 (0.813-2.625)                     | 0.205   |
| Recipient BMI ≥25                            | 154 (68)                              | 0.991 (0.541-1.816)                     | 0.977   | 0.962 (0.512-1.809)                     | 0.905   |
| Recipient Sex Male                           | 150 (67)                              | 0.826 (0.464-1.472)                     | 0.517   | 0.699 (0.385-1.270)                     | 0.240   |
| Etiology of liver disease                    |                                       |                                        |         |                                        |         |
| ALF                                           | 31 (14)                               | 0.774 (0.226-2.645)                     | 0.290   | 1.134 (0.304-4.225)                     | 0.146   |
| HCC                                           | 63 (28)                               | 1.604 (0.660-3.901)                     |         | 2.111 (0.676-6.811)                     |         |
| Alcoholic cirrhosis                           | 45 (20)                               | 2.027 (0.818-5.022)                     |         | 2.674 (0.953-7.504)                     |         |
| Viral                                         | 15 (7)                                | 1.137 (0.294-4.403)                     |         | 1.704 (0.407-7.152)                     |         |
| PSC/PBC                                       | 21 (9)                                | 0.900 (0.233-3.484)                     |         | 0.843 (0.163-4.349)                     |         |
| Other                                         | 4 (2)                                 | 4.120 (0.506-33.576)                    |         | 1.363 (0.894-36.692)                    |         |
| Pre-transplant labMELD ≥25                   | 73 (32)                               | 1.490 (0.846-2.626)                     | 0.167   | 1.909 (1.060-3.439)                     | 0.031   |
| Recipient pre-transplant ICU                  | 56 (25)                               | 2.213 (1.256-3.899)                     | 0.006   | 2.798 (1.553-4.041)                     | 0.001   |
| Recipient pre-transplant abdominal surgery     | 82 (36)                               | 0.779 (0.425-1.427)                     | 0.419   | 0.926 (0.498-1.722)                     | 0.809   |
| Recipient pre-transplant encephalopathy       | 90 (40)                               | 0.966 (0.548-1.702)                     | 0.905   | 1.178 (0.654-2.121)                     | 0.586   |
| Karnofsky Performance Score <80              | 87 (39)                               | 1.773 (1.018-3.088)                     | 0.043   | 2.399 (1.327-4.336)                     | 0.004   |
| Cold ischemic time ≥480 (min)                 | 126 (56)                              | 0.676 (0.383-1.193)                     | 0.176   | 0.787 (0.432-1.431)                     | 0.432   |
| Warm ischemic time ≥45 min                    | 116 (52)                              | 0.983 (0.558-1.734)                     | 0.954   | 1.070 (0.588-1.948)                     | 0.825   |
| Intraoperative RBC Units ≥15                 | 36 (16)                               | 2.252 (1.232-4.116)                     | 0.008   | 2.102 (1.109-3.987)                     | 0.023   |
| Low SMM (SMI)                                 | 84 (37)                               | 1.361 (0.778-2.381)                     | 0.280   | 1.381 (0.766-2.488)                     | 0.283   |
| Myosteatosis (SM-RA)                          | 98 (44)                               | 2.025 (1.154-3.553)                     | 0.014   | 2.758 (1.497-5.082)                     | 0.001   |

Values were given as numbers and (per cent). Results from the Cox proportional hazards regression model were given as hazard ratios (HR) with 95% confidence intervals (95% CI). Factors showing significant results in the univariable analysis were included into the multivariable logistic regression model (see main manuscript). Only significant results are shown. To avoid a multicollinearity effect, certain variables were not included into the Cox regression model.

Abbreviations used: BMI: body mass index, ECD: extended criteria donor allografts, ALF: acute liver failure, HCC: hepatocellular carcinoma, PSC: primary sclerosing cholangitis, PBC: primary biliary cholangitis, MELD: model for end-stage liver disease, RBC: red blood cell units, SMM: skeletal muscle mass, SM: lumbar 3 skeletal muscle index, SM-RA: lumbar 3 skeletal muscle radiation attenuation.