### SDC Table 1. Univariable Cox regression analyses of patient survival in DBD KT

|                         | HR  | 95% CI | p-value |
|-------------------------|-----|--------|---------|
| Sex                     | 0.89| 0.5, 1.5| 0.67    |
| Age at KT               | 1.03| 0.9, 1.1| 0.32    |
| Waitlisting             | 0.99| 0.9, 1.0| 0.95    |
| Partnership             | 0.74| 0.4, 1.3| 0.29    |
| ESKD cause              | 1.28| 0.8, 2.1| 0.31    |
| Charlson score (cont)   | 1.16| 0.9, 1.3| 0.06    |
| Liu score (cont)        | 1.15| 1.0, 1.2| 0.001   |
| Total dialysis          | 1.02| 1.00, 1.03| 0.01 |
| Physical function       | 0.98| 0.97, 0.99| 0.05 |
| Social Support          | 0.98| 0.98, 0.99| 0.03 |

| Liu score ≥ 4           | 2.19| 1.3, 3.5| 0.001 |
| Dialysis >2y            | 1.31| 0.8, 2.2| 0.31  |
| Tot. Dialysis > 2y # Liu score ≥ 4 | 2.86| 0.9, 8.7| 0.06  |
| Physical function ≤ 60  | 1.85| 1.1, 3.0| 0.01  |
| Acute rejection         | 1.76| 0.9, 3.2| 0.02  |
| Infection               | 2.01| 1.2, 3.2| 0.006 |

| Donor age               | 1.00| 0.9, 1.0| 0.60  |
| ECD                     | 1.02| 0.6, 1.9| 0.93  |
| DGF                     | 1.53| 0.9, 2.5| 0.09  |
| Complications           | 1.26| 0.8, 2.1| 0.35  |
| Cold ischemia time      | 0.99| 0.9, 1.04| 0.68 |
| HLA-A                   | 1.19| 0.6, 2.3| 0.59  |
| HLA-B                   | 0.95| 0.4, 2.2| 0.91  |
| HLA-DR                  | 0.96| 0.5, 1.8| 0.89  |

DBD, deceased braindead donor; DGF, delayed graft function; ECD, expanded criteria donor; ESKD, end-stage kidney disease; HLA, human leucocyte antigen; KT, kidney transplantation
### SDC Table 2. Multivariable Cox proportional hazard regression of patient survival in recipients of DBD KT

|                                | Multivariable Cox regression |   |   |
|--------------------------------|------------------------------|---|---|
|                                | HR  | 95% CI  | p-value |
| Liu score ≥ 4                  | 0.68| 0.28, 1.66 | 0.39 |
| Total dialysis > 2y            | 0.77| 0.38, 1.57 | 0.47 |
| Interaction between Dialysis and Liu score | 3.22| 1.04, 9.90 | 0.04 |
| Physical function ≤ 60        | 2.03| 1.18, 3.46 | 0.01 |
Included  
N=289

Transplanted  
N=222

- Deceased donor  
  KT  N=192
  Alive  N=126
  Dead  N=66

- Living Donor  
  KT  N=30
  Alive  N=25
  Dead  N=5

Non-Transplanted  
N=67

- Death  N=46
- Perm. withdrawal  N=18
- Still eligible for transplantation  N=3

SDC Figure 1: Flow-chart of the study
SDC Figure 2: Observed patient survival in recipients of deceased braindead donors, by Liu score in three groups
SDC Figure 3. Observed patient survival in recipients of deceased braindead donors with high comorbidity, by time on dialysis divided in three groups