

# Supplemental tables and figures.

**Table S1.** Univariate analysis for the development of an eGFR <60 ml/min/1.73m<sup>2</sup> at follow-up.

|                                   | HR   | 95 % CI   | p-value |
|-----------------------------------|------|-----------|---------|
| Age (years)                       | 1.07 | 1.04-1.09 | <0.001  |
| Female gender                     | 1.10 | 0.70-1.71 | 0.682   |
| BMI (kg/m <sup>2</sup> )          | 1.02 | 0.96-1.08 | 0.545   |
| eGFR (ml/min/1.73m <sup>2</sup> ) | 0.97 | 0.96-0.99 | <0.001  |
| Related to recipient              | 0.62 | 0.40-0.95 | 0.027   |
| Smoking                           | 1.15 | 0.75-1.79 | 0.520   |
| Arterial hypertension             | 2.75 | 1.64-4.58 | <0.001  |

**Table S2.** Univariate analysis for the development of an eGFR <60 ml/min/1.73m<sup>2</sup> and decrease of ≥40 % from baseline at follow-up.

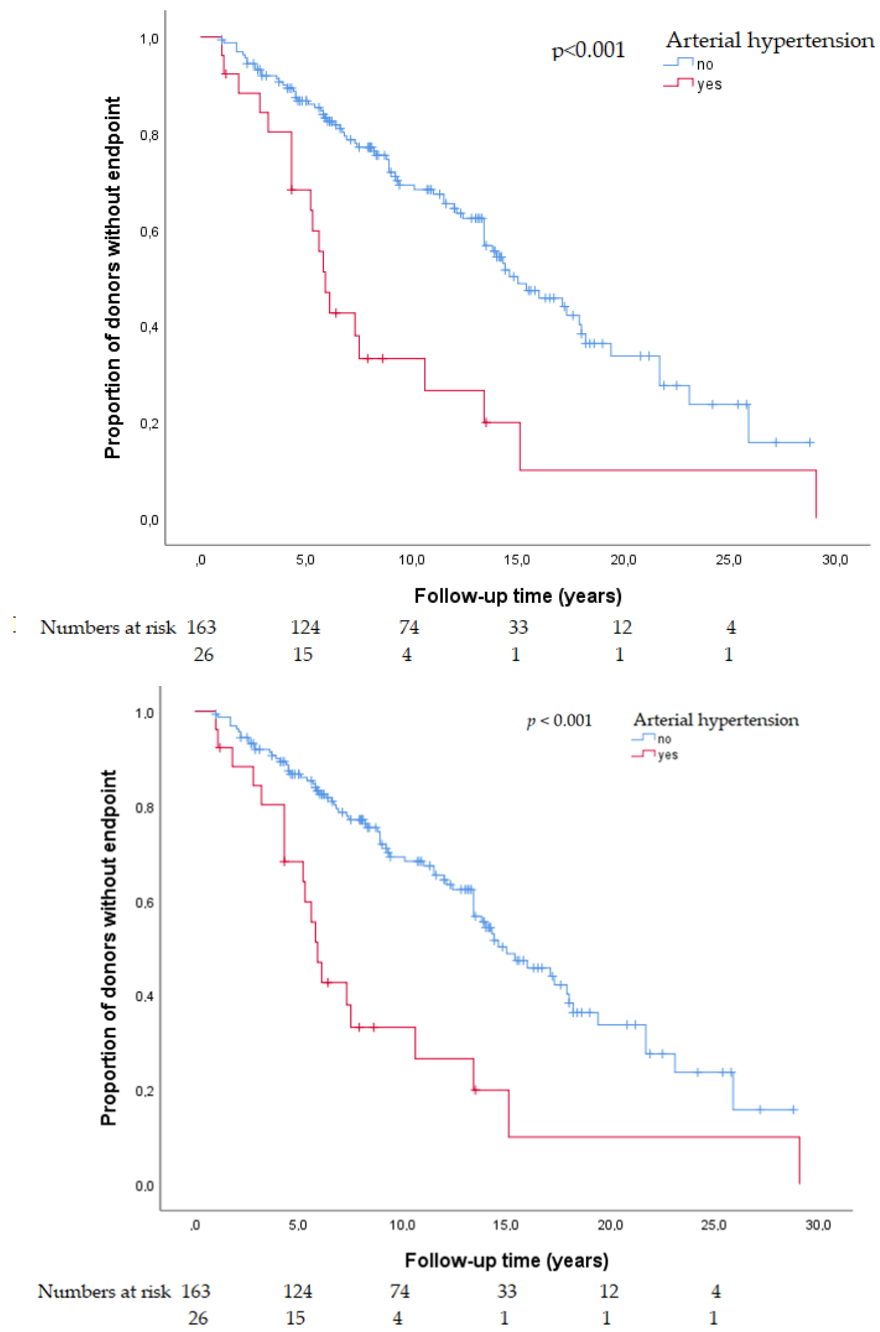
|                                   | HR   | 95 % CI    | p-value |
|-----------------------------------|------|------------|---------|
| Age (years)                       | 1.10 | 1.05-1.14  | <0.001  |
| Female gender                     | 1.19 | 0.52-2.73  | 0.679   |
| BMI (kg/m <sup>2</sup> )          | 1.09 | 1.00-1.19  | 0.055   |
| eGFR (ml/min/1.73m <sup>2</sup> ) | 1.00 | 0.98-1.03  | 0.893   |
| Related to recipient              | 0.55 | 0.25-1.17  | 0.121   |
| Smoking                           | 1.54 | 0.71-3.33  | 0.276   |
| Arterial hypertension             | 5.67 | 2.51-12.85 | <0.001  |

**Table S3.** Univariate analysis for the development of an eGFR <45 ml/min/1.73m<sup>2</sup> at follow-up.

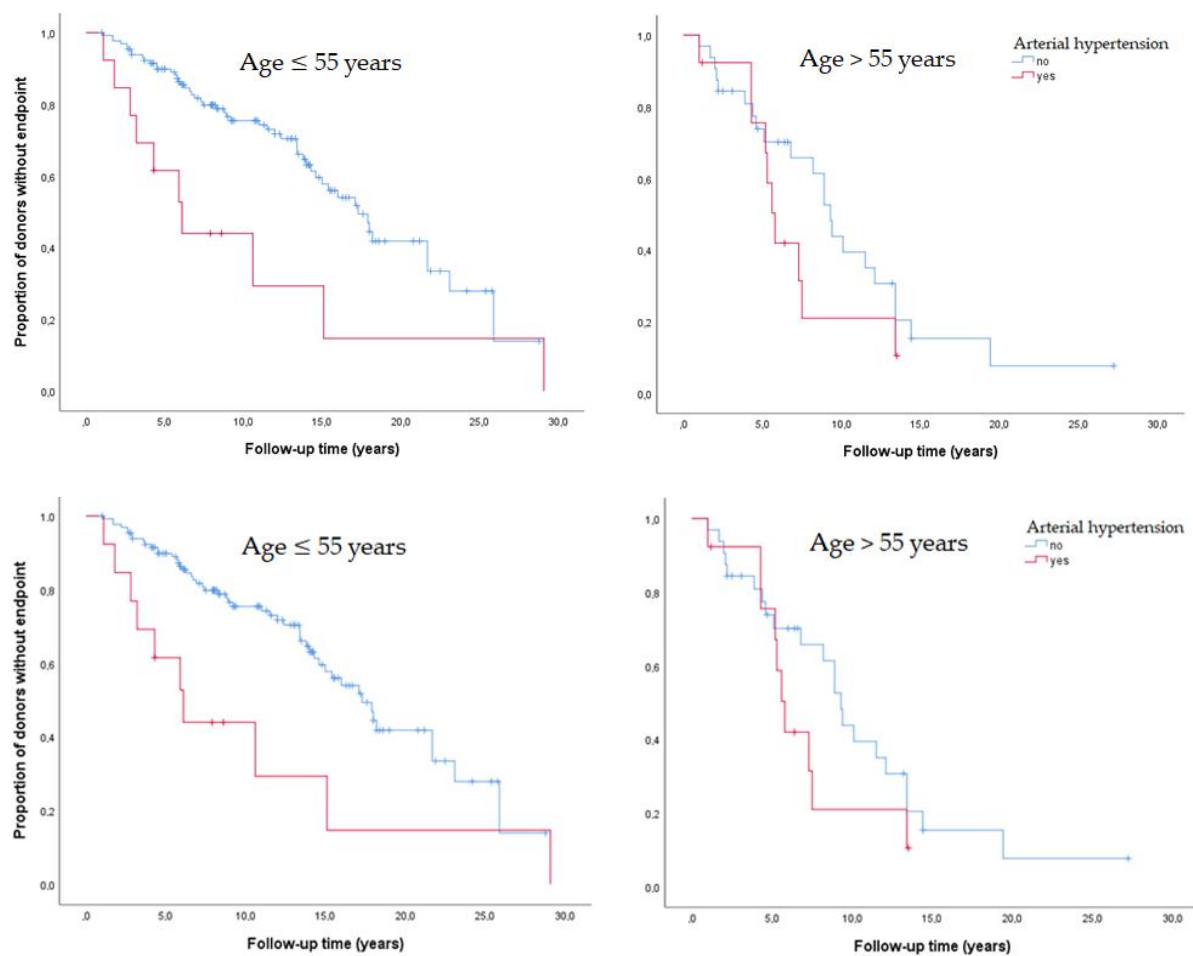
|                                   | HR   | 95 % CI    | p-value |
|-----------------------------------|------|------------|---------|
| Age (years)                       | 1.15 | 1.08-1.22  | <0.001  |
| Female gender                     | 1.60 | 0.52-4.91  | 0.413   |
| BMI (kg/m <sup>2</sup> )          | 1.10 | 0.98-1.22  | 0.102   |
| eGFR (ml/min/1.73m <sup>2</sup> ) | 0.94 | 0.90-0.98  | 0.005   |
| Related to recipient              | 0.74 | 0.27-2.01  | 0.553   |
| Smoking                           | 0.64 | 0.21-1.95  | 0.428   |
| Arterial hypertension             | 5.08 | 1.76-14.71 | 0.003   |

**Table S4.** Univariate analysis for combined endpoint of a major cardiovascular event or death during follow-up.

|                                   | HR   | 95 % CI    | p-value |
|-----------------------------------|------|------------|---------|
| Age (years)                       | 1.08 | 1.00-1.16  | 0.019   |
| Female gender                     | 0.36 | 0.10-1.27  | 0.110   |
| BMI (kg/m <sup>2</sup> )          | 1.08 | 0.93-1.27  | 0.321   |
| eGFR (ml/min/1.73m <sup>2</sup> ) | 0.99 | 0.96-1.03  | 0.733   |
| Related to recipient              | 2.72 | 0.33-22.13 | 0.350   |
| Smoking                           | 1.71 | 0.46-6.30  | 0.421   |
| Arterial hypertension             | 2.99 | 0.62-14.55 | 0.175   |



**Figure S1.** Kaplan Maier plot for arterial hypertension as a risk factor for eGFR <60 ml/min/1.73m<sup>2</sup> at follow-up.



**Figure S2.** Kaplan Maier plot for arterial hypertension as a risk factor for eGFR  $<60$  ml/min/1.73m<sup>2</sup> at follow-up, divided by age groups.