

# **Comparative Study of Outcomes among Patients with Polycystic Kidney**

## **Disease on Hemodialysis and Peritoneal Dialysis**

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### **Appendix**

**Appendix 1. The logistic regression model to calculate the probability of receiving PD.**

Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-0.0493	0.5784	0.0073	0.9320
ID_SEX	F	1	0.4885	0.2007	5.9249	0.0149
Age		1	-0.0289	0.00793	13.2613	0.0003
economic	0	1	-0.5228	0.4287	1.4876	0.2226
economic	1	1	-0.6075	0.4111	2.1842	0.1394
DM		1	-0.2822	0.3030	0.8677	0.3516
HF		1	-0.1423	0.3431	0.1721	0.6782
CAD		1	-0.0396	0.2929	0.0182	0.8926
COPD		1	-0.7893	0.5293	2.2237	0.1359
CVD		1	-0.8755	0.5272	2.7577	0.0968
Cancer		1	-0.6796	0.5291	1.6497	0.1990
HTN		1	-0.4355	0.2205	3.9003	0.0483
Arrhy		1	0.0834	0.4059	0.0423	0.8371
VHD		1	-0.3148	0.5431	0.3360	0.5621
PVD		1	-13.7222	561.8	0.0006	0.9805
Liver		1	0.1362	0.2695	0.2552	0.6134
Lipid		1	0.4844	0.2823	2.9439	0.0862
Gout		1	0.4971	0.2155	5.3196	0.0211

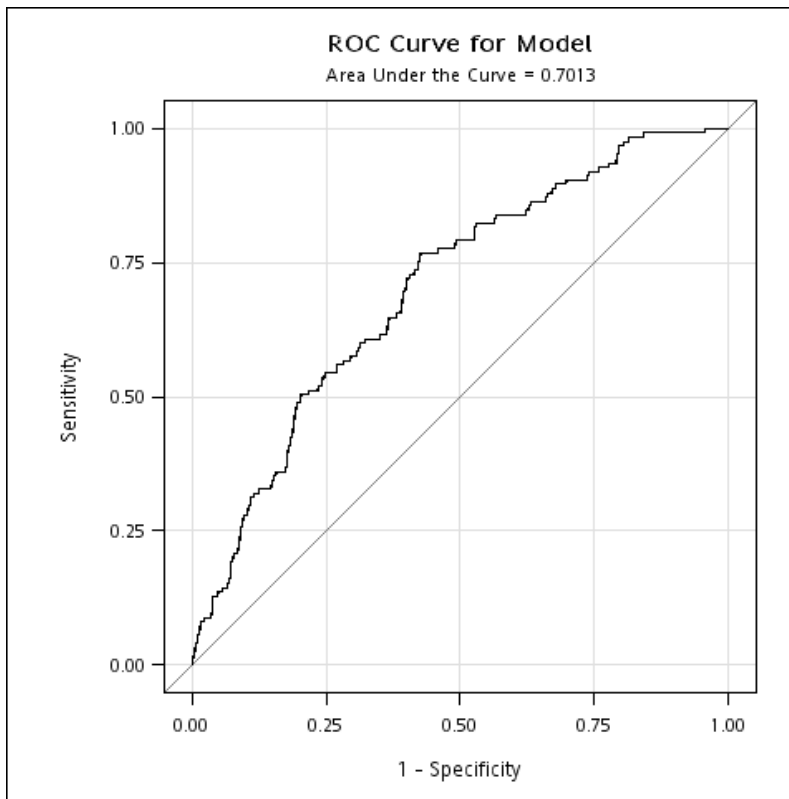
## Appendix 2. Standardized differences in the unmatched opulation

	Mean in treated	Mean in Untreated	Standardised diff.
Age	53.56	60.27	-0.466
sex	0.50	0.59	-0.169
economic	0.74	0.70	0.073
dm	0.12	0.18	-0.169
hf	0.10	0.18	-0.234
cad	0.14	0.21	-0.180
copd	0.03	0.10	-0.288
cvd	0.03	0.09	-0.256
Cancer	0.03	0.07	-0.181
htn	0.70	0.81	-0.259
Arrhy	0.06	0.09	-0.097
vhd	0.03	0.06	-0.148
pvd	0.00	0.03	-0.253
Liver	0.15	0.14	0.025
Lipid	0.15	0.12	0.103
Gout	0.34	0.29	0.097

### Appendix 3. Standardized differences in the matched population

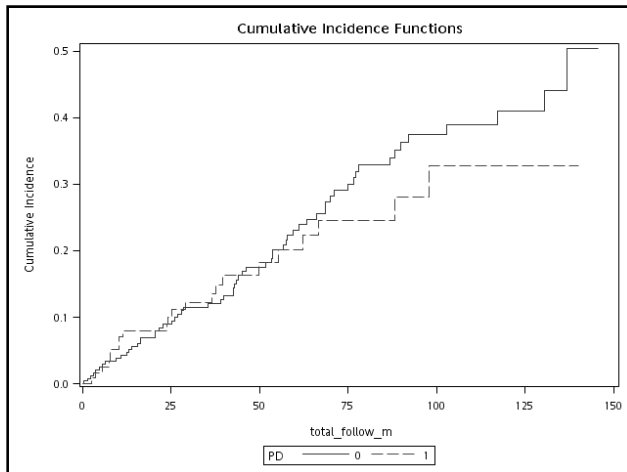
	Mean in treated	Mean in Untreated	Standardised diff.
Age	53.97	54.01	-0.003
sex	0.51	0.53	-0.049
economic	0.73	0.74	-0.021
dm	0.12	0.11	0.051
hf	0.10	0.11	-0.040
cad	0.15	0.16	-0.034
copd	0.03	0.04	-0.022
cvd	0.03	0.02	0.049
Cancer	0.03	0.03	0.000
htn	0.70	0.70	-0.000
Arrhy	0.07	0.07	0.000
vhd	0.03	0.05	-0.083
pvd	0.00	0.00	.
Liver	0.16	0.14	0.058
Lipid	0.14	0.12	0.061
Gout	0.34	0.36	-0.060

**Appendix 4. The ROC curve for the logistic regression model to calculate propensity score.**

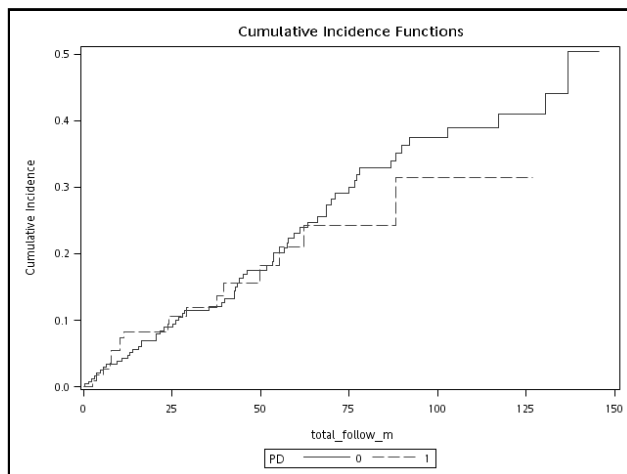


**Appendix 5. Survival curves between the patients with polycystic kidney disease on peritoneal dialysis and hemodialysis, considering renal transplantation as a competing event**

Panel A Intention to treat (Substantial hazard ratio for death: 0.86 (0.49-1.52),  $p=0.6$ )

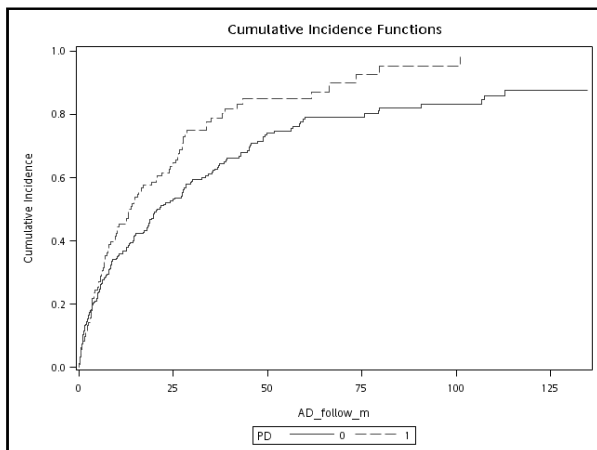


Panel B Modality switch as censor (Substantial hazard ratio for death: 0.98 (0.53-1.80),  $p=0.94$ )



**Appendix 6. Survival curves regarding the incidence of a first episode of hospitalization among the patients with polycystic kidney disease on peritoneal dialysis and hemodialysis, considering renal transplantation as a competing event**

Panel A Intention to treat (Substantial hazard ratio for hospitalization: 1.46 (1.14-1.89),  $p=0.003$ ))



Panel B Modality switch as censor (Substantial hazard ratio for death: 1.42 (1.10-1.83),  $p=0.008$ ))

