

KT hospital Residence	Seoul	Busan	Daegu	Incheon	Gwangju	Daejeon	Ulsan	Sejong*	Gyeonggi	Gangwon	Chungbuk	Chungnam	Jeonbuk	Jeonnam	Gyeongbuk	Gyeongnam	Jeju	Total
Seoul	4126	15	4	4	4	1	3	0	83	4	0	0	3	0	0	0	0	4247
Busan	277	1417	7	0	1	0	4	0	7	0	0	0	1	0	0	0	39	1753
Daegu	168	4	990	0	0	1	3	0	6	2	0	0	0	0	0	0	0	1174
Incheon	720	3	1	338	0	0	0	0	54	2	0	0	0	0	0	0	1	1120
Gwangju	288	1	1	1	266	0	0	0	7	0	0	0	0	0	0	0	0	564
Daejeon	303	2	2	0	0	299	0	0	9	2	0	0	3	0	0	0	0	620
Ulsan	94	64	21	0	1	0	359	0	3	0	0	0	0	0	0	0	6	548
Sejong*	17	0	0	0	0	5	0	0	1	0	1	0	0	0	0	0	0	24
Gyeonggi	3522	8	9	25	5	3	3	0	1328	17	0	2	5	0	0	0	0	4927
Gangwon	428	1	0	4	0	0	0	0	47	105	0	0	1	0	0	0	0	586
Chungbuk	462	0	1	1	0	27	1	0	29	13	28	0	1	0	0	0	1	564
Chungnam	539	3	4	7	1	77	1	0	49	2	0	32	12	0	0	0	0	727
Jeonbuk	255	1	2	0	11	7	0	0	10	0	0	0	426	0	0	0	0	712
Jeonnam	453	9	0	7	221	1	0	0	17	0	0	0	4	0	0	0	1	713
Gyeongbuk	383	45	632	0	0	3	12	0	16	7	0	0	1	0	0	0	1	1100
Gyeongnam	414	605	69	2	2	1	11	0	9	0	0	0	0	0	0	0	214	1327
Jeju	239	2	1	0	2	0	0	0	6	0	0	0	0	0	0	0	21	272
Total	12688	2180	1744	389	514	425	398	0	1681	154	29	34	458	0	0	0	263	20978

Supplementary Fig. 1. Relationship between the patient’s residence and the kidney transplant hospital region in South Korea (2002–2017). *Sejong was established as a major city in 2012.