Table A1. Medical Service Uses and Expenditures (LTC grade 3 vs. non-beneficiary)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | *Ex ante* |  | *Ex post* | |
|  |  | *t-1*  *(’08. 1. 1*  *~ 6. 30.)* |  | *t*  *(’08. 7. 1.*  *~ 12. 31.)* | *t+1*  *(’09. 1. 1.*  *~ 6. 30.)* |
| *Total* |  |  |  |  |  |
| Probability of medical service use | *T* | 0.9360 |  | 0.9498 | 0.9490 |
| *C* | 0.9491 |  | 0.9539 | 0.9509 |
| ME per patient ± s.d  (in thousand Won) | *T* | 1,580 ±3042 |  | 1,607 ±3133 | 1,796 ±3483 |
| *C* | 1,402 ±2636 |  | 1,518 ±2927 | 1,772 ±3483 |
| ln(ME per patient) ± s.d | *T* | 12.95 ±1.72 |  | 12.95 ±1.73 | 12.98 ±1.76 |
| *C* | 12.95 ±1.62 |  | 12.94 ±1.67 | 13.05 ±1.72 |
| *Outpatient* |  |  |  |  |  |
| Probability of outpatient visit | *T* | 0.9212 |  | 0.9310 | 0.9206 |
| *C* | 0.9398 |  | 0.9385 | 0.9233 |
| Visits per person ± s.d | *T* | 16.93 ±19.16 |  | 16.51 ±19.08 | 16.06 ±18.77 |
| *C* | 18.50 ±19.79 |  | 17.93 ±19.75 | 17.37 ±19.15 |
| Average expenditure per patient ± s.d  (in thousand Won) | *T* | 508 ±1158 |  | 516 ±1217 | 516 ±1268 |
| *C* | 497 ±1032 |  | 507 ±1127 | 511 ±1133 |
| ln(Average expenditure per patient)  ± s.d | *T* | 12.32 ±1.29 |  | 12.30 ±1.30 | 12.29 ±1.31 |
| *C* | 12.38 ±1.24 |  | 12.34 ±1.27 | 12.36 ±1.27 |
| *Inpatient* |  |  |  |  |  |
| Probability of hospitalization | *T* | 0.2748 |  | 0.2846 | 0.2753 |
| *C* | 0.2722 |  | 0.2757 | 0.2881 |
| Length of stay ± s.d | *T* | 38.99 ±49.88 |  | 43.00 ±54.30 | 53.79 ±64.07 |
| *C* | 33.38 ±44.62 |  | 40.61 ±53.01 | 50.86 ±62.16 |
| Average expenditure per patient ± s.d (in thousand Won) | *T* | 3,677 ±4062 |  | 3,676 ±4169 | 4,462 ±4701 |
| *C* | 3,172 ±3504 |  | 3,528 ±3911 | 4,209 ±4791 |
| ln(Average expenditure per patient)  ±s.d | *T* | 14.55 ±1.15 |  | 14.57 ±1.17 | 14.71 ±1.26 |
| *C* | 14.43 ±1.12 |  | 14.52 ±1.18 | 14.67 ±1.19 |

*T, treatment group; C, comparison group; ln, natural logarithm; ME, medical service expenditure; s.d, standard deviation*

Table A2. Medical Service Uses and Expenditures (LTC grade 2 vs. Grade 3)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | *Ex ante* |  | *Ex post* | |
|  |  | *t-1*  *(’08. 1. 1*  *~ 6. 30.)* |  | *t*  *(’08. 7. 1.*  *~ 12. 31.)* | *t+1*  *(’09. 1. 1.*  *~ 6. 30.)* |
| *Total* |  |  |  |  |  |
| Probability of medical service use | *T* | 0.9030 |  | 0.9358 | 0.9265 |
| *C* | 0.9169 |  | 0.9348 | 0.9296 |
| ME per patient ± s.d  (in thousand Won) | *T* | 3,001 ±4727 |  | 2,799 ±4405 | 2,523 ±4428 |
| *C* | 2,308 ±4033 |  | 2,403 ±4055 | 2,372 ±4211 |
| ln(ME per patient) ± s.d | *T* | 13.33 ±2.09 |  | 13.24 ±2.08 | 13.04 ±2.04 |
| *C* | 13.09 ±1.97 |  | 13.15 ±1.98 | 13.03 ±1.98 |
| *Outpatient* |  |  |  |  |  |
| Probability of outpatient visit | *T* | 0.8309 |  | 0.8732 | 0.8508 |
| *C* | 0.8752 |  | 0.8845 | 0.8677 |
| Visits per person ± s.d | *T* | 11.95 ±15.27 |  | 11.14 ±14.06 | 10.92 ±12.92 |
| *C* | 13.63 ±17.08 |  | 12.89 ±16.10 | 12.51 ±15.52 |
| Average expenditure per patient ± s.d  (in thousand Won) | *T* | 417 ±975 |  | 418 ±1043 | 418 ±1123 |
| *C* | 478 ±1108 |  | 482 ±1210 | 487 ±1283 |
| ln(Average expenditure per patient)  ± s.d | *T* | 12.00 ±1.39 |  | 11.99 ±1.38 | 11.98 ±1.35 |
| *C* | 12.13 ±1.38 |  | 12.10 ±1.39 | 12.07 ±1.40 |
| *Inpatient* |  |  |  |  |  |
| Probability of hospitalization | *T* | 0.3898 |  | 0.4077 | 0.3191 |
| *C* | 0.3348 |  | 0.3612 | 0.3108 |
| Length of stay ± s.d | *T* | 78.82 ±70.39 |  | 75.59 ±69.12 | 84.17 ±76.32 |
| *C* | 63.46 ±65.30 |  | 67.87 ±68.55 | 78.78 ±76.23 |
| Average expenditure per patient ± s.d (in thousand Won) | *T* | 6,063 ±5412 |  | 5,528 ±5047 | 6,211 ±5453 |
| *C* | 5,174 ±4992 |  | 5,096 ±4872 | 5,867 ±5249 |
| ln(Average expenditure per patient)  ±s.d | *T* | 15.10 ±1.20 |  | 15.00 ±1.26 | 15.08 ±1.27 |
| *C* | 14.86 ±1.23 |  | 14.89 ±1.23 | 14.98 ±1.27 |
| Probability of long-term stay  (181 days +) | *T* | 0.1122 |  | 0.0510 | 0.1259 |
| *C* | 0.0717 |  | 0.0398 | 0.1045 |

*T, treatment group; C, comparison group; ln, natural logarithm; ME, medical service expenditure; s.d, standard deviation*