**Supplemental Table 2.** Median medical expenditures and disability durations by diagnostic category and comorbid condition for subset with health insurance 6-months before the disability episode (N=679,730).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Diagnostic Category | Number of Comorbid Conditions | Number of Cases  | Disability Duration (Days) 50th %ile | Total Medical Expenditures ($) 50th %ile | Spearman’s Rho |
| MUSCULOSKELETAL | 0 | 68,283 | 44 | 4,571 | 0.42 |
| 1 | 47,641 | 53 | 7,761 | 0.45 |
| 2+ | 44,771 | 66 | 13, 682 | 0.49 |
| INJURY | 0 | 57,844 | 40 | 2,625 | 0.37 |
| 1 | 30,857 | 44 | 4,712 | 0.43 |
| 2+ | 24,467 | 54 | 8,361 | 0.48 |
| MENTAL | 0 | 30,237 | 41 | 974 | 0.45 |
| 1 | 25,456 | 45 | 1,922 | 0.43 |
| 2+ | 24,951 | 56 | 5,908 | 0.42 |
| DIGESTIVE | 0 | 26,384 | 25 | 8,047 | 0.30 |
| 1 | 20,763 | 27 | 10,324 | 0.32 |
| 2+ | 22,598 | 32 | 15,134 | 0.44 |
| RESPIRATORY | 0 | 19,560 | 16 | 1,027 | 0.36 |
| 1 | 15,074 | 19 | 1,905 | 0.40 |
| 2+ | 15,096 | 23 | 4,958 | 0.50 |
| NEOPLASM | 0 | 11,364 | 40 | 14,193 | 0.45 |
| 1 | 11,965 | 43 | 19,680 | 0.54 |
| 2+ | 16,506 | 57 | 34,559 | 0.69 |
| CIRCULATORY | 0 | 7,830 | 27 | 6,467 | 0.23 |
| 1 | 10,010 | 32 | 16,972 | 0.31 |
| 2+ | 22,198 | 47 | 31,898 | 0.45 |
| GENITOURINARY | 0 | 15,094 | 29 | 10,350 | 0.37 |
| 1 | 11,284 | 33 | 12,053 | 0.39 |
| 2+ | 12,017 | 40 | 16,687 | 0.47 |
| NERVOUS | 0 | 14,260 | 31 | 3,654 | 0.30 |
| 1 | 11,219 | 36 | 5,084 | 0.36 |
| 2+ | 11,662 | 46 | 8,038 | 0.46 |
| METABOLIC | 0 | 3,250 | 27 | 7,268 | 0.23 |
| 1 | 5,128 | 28 | 14,298 | 0.19 |
| 2+ | 10,773 | 32 | 22,539 | 0.22 |
| INFECTIOUS | 0 | 6,914 | 21 | 1,910 | 0.46 |
| 1 | 5,322 | 26 | 5,649 | 0.48 |
| 2+ | 6,392 | 36 | 14,527 | 0.57 |
| SKIN | 0 | 4,737 | 23 | 2,647 | 0.36 |
| 1 | 3,482 | 27 | 4,922 | 0.39 |
| 2+ | 4,441 | 37 | 11,659 | 0.48 |
|  |  |  |