

Appendix F – Table 2

PT - Regression Model, Dept Variable: Medicare Paid Amount (Natural Logarithm)
The REG Procedure Model: MODEL1
Dependent Variable: log_episode_paid

| Analysis of Variance | | | | | |
|----------------------|--------|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 88 | 985864 | 11203 | 8129.17 | <.0001 |
| Error | 3.78E6 | 5204299 | 1.37812 | | |
| Corrected Total | 3.78E6 | 6190163 | | | |

| | | | |
|----------------|----------|----------|--------|
| Root MSE | 1.17393 | R-Square | 0.1593 |
| Dependent Mean | 5.82266 | Adj R-Sq | 0.1592 |
| Coeff Var | 20.16147 | | |

| Parameter Estimates | | | | | | | | |
|---------------------|-----------|----|--------------------|----------------|---------|---------|-----------------------|----------|
| Variable | Label | DF | Parameter Estimate | Standard Error | t Value | Pr > t | 95% Confidence Limits | |
| Intercept | Intercept | 1 | 5.32094 | 0.00533 | 998.97 | <.0001 | 5.31050 | 5.33138 |
| male | | 1 | 0.00267 | 0.00129 | 2.07 | 0.0388 | 0.00013782 | 0.00520 |
| Age 0-64 | | 1 | -0.17223 | 0.00221 | -77.93 | <.0001 | -0.17657 | -0.16790 |
| Age 70-74 | | 1 | 0.02132 | 0.00197 | 10.82 | <.0001 | 0.01746 | 0.02518 |
| Age 75-79 | | 1 | 0.01368 | 0.00199 | 6.89 | <.0001 | 0.00979 | 0.01758 |
| Age 80-84 | | 1 | -0.02166 | 0.00215 | -10.09 | <.0001 | -0.02586 | -0.01745 |
| Age 85-89 | | 1 | -0.05561 | 0.00255 | -21.83 | <.0001 | -0.06061 | -0.05062 |
| Age >90 | | 1 | -0.11002 | 0.00318 | -34.63 | <.0001 | -0.11625 | -0.10379 |
| setting_snf | | 1 | 0.66569 | 0.00217 | 307.16 | <.0001 | 0.66144 | 0.66994 |
| setting_corf | | 1 | 0.67112 | 0.00449 | 149.43 | <.0001 | 0.66232 | 0.67993 |

| Parameter Estimates | | | | | | | | |
|---------------------|---------------------------------------|----|--------------------|----------------|---------|---------|-----------------------|----------|
| Variable | Label | DF | Parameter Estimate | Standard Error | t Value | Pr > t | 95% Confidence Limits | |
| setting_orf | | 1 | 0.45065 | 0.00200 | 225.30 | <.0001 | 0.44673 | 0.45457 |
| setting_hha | | 1 | 0.34770 | 0.01607 | 21.63 | <.0001 | 0.31620 | 0.37920 |
| setting_ptpp | | 1 | 0.39184 | 0.00181 | 216.59 | <.0001 | 0.38830 | 0.39539 |
| setting_md | | 1 | -0.69272 | 0.00190 | -364.04 | <.0001 | -0.69645 | -0.68899 |
| setting_nonmd | | 1 | -1.07118 | 0.01828 | -58.60 | <.0001 | -1.10701 | -1.03535 |
| advance_grp1 | amputation | 1 | 0.23448 | 0.01189 | 19.72 | <.0001 | 0.21118 | 0.25778 |
| advance_grp2 | balance/functional movement | 1 | -0.05579 | 0.00434 | -12.87 | <.0001 | -0.06429 | -0.04729 |
| advance_grp3 | cardiac/vascular/pulmonary | 1 | -0.19561 | 0.00372 | -52.63 | <.0001 | -0.20289 | -0.18833 |
| advance_grp4 | chronic ulcer of skin | 1 | -0.30875 | 0.00777 | -39.74 | <.0001 | -0.32398 | -0.29352 |
| advance_grp5 | communication | 1 | -0.28891 | 0.01002 | -28.82 | <.0001 | -0.30856 | -0.26927 |
| advance_grp6 | general/non-specific impact and other | 1 | -0.28293 | 0.00236 | -119.91 | <.0001 | -0.28756 | -0.27831 |
| advance_grp7 | mental/cognitive | 1 | -0.25749 | 0.00669 | -38.47 | <.0001 | -0.27061 | -0.24437 |
| advance_grp8 | musculoskeletal - ankle/foot | 1 | -0.58167 | 0.00341 | -170.33 | <.0001 | -0.58836 | -0.57497 |
| advance_grp9 | musculoskeletal-elbow to hand | 1 | -0.10616 | 0.00475 | -22.37 | <.0001 | -0.11546 | -0.09685 |
| advance_grp10 | musculoskeletal-hip/pelvis/thigh | 1 | 0.06479 | 0.00306 | 21.19 | <.0001 | 0.05879 | 0.07078 |
| advance_grp11 | musculoskeletal-knee/lower leg | 1 | 0.16173 | 0.00238 | 67.94 | <.0001 | 0.15707 | 0.16640 |
| advance_grp13 | musculoskeletal-multiple sites | 1 | 0.01512 | 0.00563 | 2.69 | 0.0072 | 0.00410 | 0.02615 |
| advance_grp14 | musculoskeletal-neck | 1 | -0.00043552 | 0.00262 | -0.17 | 0.8680 | -0.00557 | 0.00470 |
| advance_grp15 | musculoskeletal-shoulder/upper arm | 1 | 0.18694 | 0.00230 | 81.27 | <.0001 | 0.18243 | 0.19145 |
| advance_grp16 | musculoskeletal-site unspecified | 1 | -0.06074 | 0.00220 | -27.65 | <.0001 | -0.06504 | -0.05643 |
| advance_grp17 | neurologic-central | 1 | 0.10414 | 0.00311 | 33.50 | <.0001 | 0.09805 | 0.11023 |
| advance_grp18 | neurologic-peripheral | 1 | -0.28803 | 0.00558 | -51.61 | <.0001 | -0.29897 | -0.27709 |

| Parameter Estimates | | | | | | | | |
|---------------------|-----------------------------|----|--------------------|----------------|---------|---------|-----------------------|----------|
| Variable | Label | DF | Parameter Estimate | Standard Error | t Value | Pr > t | 95% Confidence Limits | |
| advance_grp19 | spinal cord injury | 1 | 0.16312 | 0.04074 | 4.00 | <.0001 | 0.08328 | 0.24296 |
| advance_grp20 | swallowing/feeding disorder | 1 | -0.11558 | 0.00861 | -13.42 | <.0001 | -0.13247 | -0.09870 |
| advance_grp21 | systemic | 1 | -0.30658 | 0.00524 | -58.50 | <.0001 | -0.31686 | -0.29631 |
| STATE AL | | 1 | 0.27138 | 0.00705 | 38.52 | <.0001 | 0.25757 | 0.28519 |
| STATE AK | | 1 | 0.41838 | 0.01796 | 23.30 | <.0001 | 0.38318 | 0.45357 |
| STATE AZ | | 1 | 0.44005 | 0.00716 | 61.48 | <.0001 | 0.42602 | 0.45408 |
| STATE AR | | 1 | 0.30175 | 0.00800 | 37.72 | <.0001 | 0.28607 | 0.31743 |
| STATE CA | | 1 | 0.70142 | 0.00538 | 130.27 | <.0001 | 0.69087 | 0.71198 |
| STATE CO | | 1 | 0.31442 | 0.00754 | 41.69 | <.0001 | 0.29964 | 0.32920 |
| STATE CT | | 1 | 0.49093 | 0.00683 | 71.90 | <.0001 | 0.47755 | 0.50432 |
| STATE DE | | 1 | 0.51242 | 0.01135 | 45.16 | <.0001 | 0.49018 | 0.53466 |
| STATE DC | | 1 | 0.48957 | 0.01518 | 32.25 | <.0001 | 0.45982 | 0.51933 |
| STATE FL | | 1 | 0.60730 | 0.00536 | 113.28 | <.0001 | 0.59680 | 0.61781 |
| STATE GA | | 1 | 0.26929 | 0.00646 | 41.65 | <.0001 | 0.25662 | 0.28196 |
| STATE HI | | 1 | 0.48083 | 0.01384 | 34.73 | <.0001 | 0.45370 | 0.50796 |
| STATE ID | | 1 | 0.23942 | 0.00982 | 24.38 | <.0001 | 0.22017 | 0.25867 |
| STATE IL | | 1 | 0.47042 | 0.00575 | 81.74 | <.0001 | 0.45914 | 0.48170 |
| STATE IN | | 1 | 0.26158 | 0.00627 | 41.72 | <.0001 | 0.24929 | 0.27387 |
| STATE KS | | 1 | 0.16629 | 0.00763 | 21.79 | <.0001 | 0.15133 | 0.18125 |
| STATE KY | | 1 | 0.22347 | 0.00712 | 31.39 | <.0001 | 0.20951 | 0.23742 |
| STATE LA | | 1 | 0.50606 | 0.00721 | 70.17 | <.0001 | 0.49192 | 0.52019 |
| STATE ME | | 1 | 0.16583 | 0.00924 | 17.94 | <.0001 | 0.14772 | 0.18395 |
| STATE MD | | 1 | 0.58025 | 0.00665 | 87.27 | <.0001 | 0.56722 | 0.59328 |
| STATE MA | | 1 | 0.44694 | 0.00643 | 69.50 | <.0001 | 0.43433 | 0.45954 |
| STATE MI | | 1 | 0.60066 | 0.00577 | 104.09 | <.0001 | 0.58935 | 0.61197 |

| Parameter Estimates | | | | | | | | |
|---------------------|-------|----|--------------------|----------------|---------|---------|-----------------------|----------|
| Variable | Label | DF | Parameter Estimate | Standard Error | t Value | Pr > t | 95% Confidence Limits | |
| STATE MN | | 1 | -0.06422 | 0.00665 | -9.66 | <.0001 | -0.07725 | -0.05119 |
| STATE MS | | 1 | 0.48220 | 0.00773 | 62.37 | <.0001 | 0.46705 | 0.49736 |
| STATE MO | | 1 | 0.32624 | 0.00651 | 50.08 | <.0001 | 0.31347 | 0.33901 |
| STATE MT | | 1 | 0.04960 | 0.01054 | 4.71 | <.0001 | 0.02895 | 0.07026 |
| STATE NE | | 1 | 0.08057 | 0.00866 | 9.31 | <.0001 | 0.06360 | 0.09754 |
| STATE NV | | 1 | 0.57656 | 0.01037 | 55.60 | <.0001 | 0.55624 | 0.59689 |
| STATE NH | | 1 | 0.35836 | 0.00932 | 38.45 | <.0001 | 0.34009 | 0.37663 |
| STATE NJ | | 1 | 0.66738 | 0.00603 | 110.68 | <.0001 | 0.65556 | 0.67920 |
| STATE NM | | 1 | 0.34044 | 0.00983 | 34.62 | <.0001 | 0.32117 | 0.35971 |
| STATE NY | | 1 | 0.56714 | 0.00543 | 104.47 | <.0001 | 0.55650 | 0.57778 |
| STATE NC | | 1 | 0.44340 | 0.00619 | 71.68 | <.0001 | 0.43127 | 0.45552 |
| STATE ND | | 1 | -0.31543 | 0.01234 | -25.56 | <.0001 | -0.33962 | -0.29124 |
| STATE OH | | 1 | 0.31032 | 0.00570 | 54.47 | <.0001 | 0.29916 | 0.32149 |
| STATE OK | | 1 | 0.35252 | 0.00778 | 45.32 | <.0001 | 0.33727 | 0.36776 |
| STATE OR | | 1 | 0.15651 | 0.00789 | 19.82 | <.0001 | 0.14104 | 0.17198 |
| STATE PA | | 1 | 0.45348 | 0.00566 | 80.15 | <.0001 | 0.44239 | 0.46457 |
| STATE PR | | 1 | 0.62144 | 0.00825 | 75.31 | <.0001 | 0.60526 | 0.63761 |
| STATE RI | | 1 | 0.44727 | 0.01177 | 38.01 | <.0001 | 0.42421 | 0.47033 |
| STATE SC | | 1 | 0.37987 | 0.00722 | 52.62 | <.0001 | 0.36572 | 0.39402 |
| STATE SD | | 1 | -0.04929 | 0.01178 | -4.18 | <.0001 | -0.07238 | -0.02621 |
| STATE TN | | 1 | 0.39673 | 0.00665 | 59.68 | <.0001 | 0.38370 | 0.40976 |
| STATE TX | | 1 | 0.51978 | 0.00557 | 93.33 | <.0001 | 0.50887 | 0.53070 |
| STATE UT | | 1 | 0.37463 | 0.00912 | 41.06 | <.0001 | 0.35675 | 0.39251 |
| STATE VT | | 1 | 0.21715 | 0.01196 | 18.15 | <.0001 | 0.19371 | 0.24060 |
| STATE VI | | 1 | 0.33103 | 0.04764 | 6.95 | <.0001 | 0.23766 | 0.42441 |

| Parameter Estimates | | | | | | | | |
|---------------------|-------|----|--------------------|----------------|---------|---------|-----------------------|---------|
| Variable | Label | DF | Parameter Estimate | Standard Error | t Value | Pr > t | 95% Confidence Limits | |
| STATE VA | | 1 | 0.43623 | 0.00631 | 69.18 | <.0001 | 0.42387 | 0.44859 |
| STATE WA | | 1 | 0.29266 | 0.00658 | 44.46 | <.0001 | 0.27976 | 0.30557 |
| STATE WV | | 1 | 0.22015 | 0.00873 | 25.22 | <.0001 | 0.20305 | 0.23726 |
| STATE WI | | 1 | 0.13064 | 0.00630 | 20.75 | <.0001 | 0.11830 | 0.14299 |
| STATE WY | | 1 | 0.20422 | 0.01367 | 14.94 | <.0001 | 0.17744 | 0.23100 |