**Supplementary 23 (Parameter estimates for post-ablation T4 levels)**

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| **Parameter Estimates** |
| **PostablationFreeT4a** | **B** | **Std. Error** | **Wald** | **df** | **Sig.** | **Exp(B)** | **95% Confidence Interval for Exp(B)** |
| **Lower Bound** | **Upper Bound** |
| .10 | Intercept | -5.202 | 4.593 | 1.283 | 1 | .257 |  |  |  |
| I131TreatmentDosagemCi | .379 | .302 | 1.580 | 1 | .209 | 1.461 | .809 | 2.638 |
| .11 | Intercept | -2.189 | 4.973 | .194 | 1 | .660 |  |  |  |
| I131TreatmentDosagemCi | .160 | .347 | .212 | 1 | .645 | 1.174 | .594 | 2.319 |
| .14 | Intercept | -16.240 | .000 | . | 1 | . |  |  |  |
| I131TreatmentDosagemCi | -.257 | 31.877 | .000 | 1 | .994 | .773 | 5.682E-28 | 1052774622133011200000000000.000 |
| .20 | Intercept | -1.880 | 3.672 | .262 | 1 | .609 |  |  |  |
| I131TreatmentDosagemCi | .254 | .269 | .891 | 1 | .345 | 1.289 | .761 | 2.184 |
| .25 | Intercept | -1.477 | 3.934 | .141 | 1 | .707 |  |  |  |
| I131TreatmentDosagemCi | .186 | .285 | .423 | 1 | .516 | 1.204 | .688 | 2.106 |
| .26 | Intercept | 2.426 | 3.858 | .395 | 1 | .529 |  |  |  |
| I131TreatmentDosagemCi | -.236 | .337 | .490 | 1 | .484 | .790 | .408 | 1.530 |
| .27 | Intercept | -3.020 | 4.361 | .480 | 1 | .489 |  |  |  |
| I131TreatmentDosagemCi | .256 | .302 | .723 | 1 | .395 | 1.292 | .716 | 2.334 |
| .30 | Intercept | -.333 | 3.578 | .009 | 1 | .926 |  |  |  |
| I131TreatmentDosagemCi | .156 | .267 | .340 | 1 | .560 | 1.169 | .692 | 1.974 |
| .35 | Intercept | -.419 | 4.067 | .011 | 1 | .918 |  |  |  |
| I131TreatmentDosagemCi | .085 | .302 | .080 | 1 | .778 | 1.089 | .602 | 1.969 |
| .37 | Intercept | -11.811 | 6.279 | 3.539 | 1 | .060 |  |  |  |
| I131TreatmentDosagemCi | .650 | .333 | 3.824 | 1 | .051 | 1.916 | .999 | 3.677 |
| .40 | Intercept | -7.235 | 5.740 | 1.588 | 1 | .208 |  |  |  |
| I131TreatmentDosagemCi | .447 | .340 | 1.734 | 1 | .188 | 1.564 | .804 | 3.043 |
| .43 | Intercept | -2.999 | 5.109 | .344 | 1 | .557 |  |  |  |
| I131TreatmentDosagemCi | .213 | .346 | .377 | 1 | .539 | 1.237 | .628 | 2.437 |
| .45 | Intercept | -.205 | 4.574 | .002 | 1 | .964 |  |  |  |
| I131TreatmentDosagemCi | .016 | .348 | .002 | 1 | .962 | 1.017 | .514 | 2.012 |
| .48 | Intercept | -3.090 | 5.124 | .364 | 1 | .546 |  |  |  |
| I131TreatmentDosagemCi | .218 | .346 | .398 | 1 | .528 | 1.244 | .631 | 2.450 |
| .50 | Intercept | -3.866 | 3.974 | .946 | 1 | .331 |  |  |  |
| I131TreatmentDosagemCi | .345 | .279 | 1.529 | 1 | .216 | 1.411 | .817 | 2.437 |
| .60 | Intercept | -7.338 | 4.799 | 2.338 | 1 | .126 |  |  |  |
| I131TreatmentDosagemCi | .486 | .301 | 2.602 | 1 | .107 | 1.625 | .901 | 2.933 |
| .63 | Intercept | -7.235 | 5.740 | 1.588 | 1 | .208 |  |  |  |
| I131TreatmentDosagemCi | .447 | .340 | 1.734 | 1 | .188 | 1.564 | .804 | 3.043 |
| .65 | Intercept | 2.421 | 3.667 | .436 | 1 | .509 |  |  |  |
| I131TreatmentDosagemCi | -.157 | .299 | .276 | 1 | .599 | .855 | .476 | 1.535 |
| .68 | Intercept | -2.189 | 4.973 | .194 | 1 | .660 |  |  |  |
| I131TreatmentDosagemCi | .160 | .347 | .212 | 1 | .645 | 1.174 | .594 | 2.319 |
| .70 | Intercept | -6.492 | 4.721 | 1.891 | 1 | .169 |  |  |  |
| I131TreatmentDosagemCi | .445 | .301 | 2.179 | 1 | .140 | 1.560 | .864 | 2.817 |
| .71 | Intercept | -2.456 | 5.019 | .240 | 1 | .625 |  |  |  |
| I131TreatmentDosagemCi | .178 | .347 | .263 | 1 | .608 | 1.195 | .605 | 2.358 |
| .76 | Intercept | -2.278 | 4.989 | .209 | 1 | .648 |  |  |  |
| I131TreatmentDosagemCi | .166 | .347 | .229 | 1 | .633 | 1.181 | .598 | 2.332 |
| .78 | Intercept | -4.301 | 5.317 | .654 | 1 | .419 |  |  |  |
| I131TreatmentDosagemCi | .291 | .344 | .716 | 1 | .398 | 1.338 | .682 | 2.625 |
| .80 | Intercept | -3.072 | 3.815 | .648 | 1 | .421 |  |  |  |
| I131TreatmentDosagemCi | .313 | .273 | 1.310 | 1 | .252 | 1.367 | .800 | 2.336 |
| .90 | Intercept | -3.076 | 4.073 | .570 | 1 | .450 |  |  |  |
| I131TreatmentDosagemCi | .284 | .286 | .984 | 1 | .321 | 1.328 | .758 | 2.326 |
| .92 | Intercept | 2.426 | 3.858 | .395 | 1 | .529 |  |  |  |
| I131TreatmentDosagemCi | -.236 | .337 | .490 | 1 | .484 | .790 | .408 | 1.530 |
| 1.00 | Intercept | 1.427 | 3.660 | .152 | 1 | .697 |  |  |  |
| I131TreatmentDosagemCi | -.027 | .284 | .009 | 1 | .924 | .973 | .558 | 1.697 |
| 1.06 | Intercept | .607 | 4.365 | .019 | 1 | .889 |  |  |  |
| I131TreatmentDosagemCi | -.051 | .346 | .022 | 1 | .883 | .950 | .482 | 1.872 |
| 1.07 | Intercept | 1.520 | 4.104 | .137 | 1 | .711 |  |  |  |
| I131TreatmentDosagemCi | -.136 | .341 | .158 | 1 | .691 | .873 | .448 | 1.703 |
| 1.10 | Intercept | -11.166 | 5.192 | 4.625 | 1 | .032 |  |  |  |
| I131TreatmentDosagemCi | .652 | .302 | 4.655 | 1 | .031 | 1.920 | 1.062 | 3.472 |
| 1.12 | Intercept | -10.949 | 6.150 | 3.170 | 1 | .075 |  |  |  |
| I131TreatmentDosagemCi | .615 | .333 | 3.420 | 1 | .064 | 1.850 | .964 | 3.551 |
| 1.20 | Intercept | -8.310 | 4.519 | 3.382 | 1 | .066 |  |  |  |
| I131TreatmentDosagemCi | .549 | .289 | 3.617 | 1 | .057 | 1.732 | .983 | 3.049 |
| 1.35 | Intercept | .232 | 3.982 | .003 | 1 | .954 |  |  |  |
| I131TreatmentDosagemCi | .036 | .302 | .015 | 1 | .904 | 1.037 | .574 | 1.874 |
| 1.36 | Intercept | -2.367 | 5.004 | .224 | 1 | .636 |  |  |  |
| I131TreatmentDosagemCi | .172 | .347 | .245 | 1 | .620 | 1.188 | .601 | 2.345 |
| 1.40 | Intercept | -9.468 | 4.628 | 4.185 | 1 | .041 |  |  |  |
| I131TreatmentDosagemCi | .599 | .290 | 4.277 | 1 | .039 | 1.821 | 1.032 | 3.212 |
| 1.42 | Intercept | .257 | 4.459 | .003 | 1 | .954 |  |  |  |
| I131TreatmentDosagemCi | -.021 | .347 | .004 | 1 | .952 | .979 | .496 | 1.934 |
| 1.46 | Intercept | .870 | 4.292 | .041 | 1 | .839 |  |  |  |
| I131TreatmentDosagemCi | -.074 | .345 | .046 | 1 | .830 | .928 | .472 | 1.825 |
| 1.48 | Intercept | -5.163 | 5.451 | .897 | 1 | .344 |  |  |  |
| I131TreatmentDosagemCi | .340 | .343 | .981 | 1 | .322 | 1.404 | .717 | 2.750 |
| 1.50 | Intercept | -17.567 | 8.276 | 4.506 | 1 | .034 |  |  |  |
| I131TreatmentDosagemCi | .859 | .365 | 5.542 | 1 | .019 | 2.360 | 1.155 | 4.823 |
| 1.59 | Intercept | -24.743 | 13.851 | 3.191 | 1 | .074 |  |  |  |
| I131TreatmentDosagemCi | 1.086 | .493 | 4.854 | 1 | .028 | 2.961 | 1.127 | 7.777 |
| 1.62 | Intercept | -2.189 | 4.973 | .194 | 1 | .660 |  |  |  |
| I131TreatmentDosagemCi | .160 | .347 | .212 | 1 | .645 | 1.174 | .594 | 2.319 |
| 2.00 | Intercept | -7.832 | 5.810 | 1.817 | 1 | .178 |  |  |  |
| I131TreatmentDosagemCi | .476 | .338 | 1.981 | 1 | .159 | 1.610 | .829 | 3.126 |
| 2.22 | Intercept | 2.426 | 3.858 | .395 | 1 | .529 |  |  |  |
| I131TreatmentDosagemCi | -.236 | .337 | .490 | 1 | .484 | .790 | .408 | 1.530 |
| 2.50 | Intercept | -10.182 | 6.056 | 2.827 | 1 | .093 |  |  |  |
| I131TreatmentDosagemCi | .583 | .333 | 3.054 | 1 | .081 | 1.791 | .932 | 3.443 |
| 3.00 | Intercept | -5.552 | 5.510 | 1.015 | 1 | .314 |  |  |  |
| I131TreatmentDosagemCi | .361 | .342 | 1.111 | 1 | .292 | 1.434 | .733 | 2.806 |
| 3.20 | Intercept | -.987 | 4.747 | .043 | 1 | .835 |  |  |  |
| I131TreatmentDosagemCi | .076 | .349 | .048 | 1 | .827 | 1.079 | .545 | 2.138 |
| 4.20 | Intercept | -12.092 | 5.332 | 5.144 | 1 | .023 |  |  |  |
| I131TreatmentDosagemCi | .688 | .304 | 5.132 | 1 | .023 | 1.991 | 1.097 | 3.611 |
| 5.50 | Intercept | .257 | 4.459 | .003 | 1 | .954 |  |  |  |
| I131TreatmentDosagemCi | -.021 | .347 | .004 | 1 | .952 | .979 | .496 | 1.934 |
| 5.80 | Intercept | -10.662 | 6.113 | 3.042 | 1 | .081 |  |  |  |
| I131TreatmentDosagemCi | .603 | .333 | 3.283 | 1 | .070 | 1.828 | .952 | 3.510 |
| 6.01 | Intercept | -3.365 | 5.168 | .424 | 1 | .515 |  |  |  |
| I131TreatmentDosagemCi | .235 | .345 | .464 | 1 | .496 | 1.265 | .643 | 2.490 |
| 7.10 | Intercept | -2.546 | 5.034 | .256 | 1 | .613 |  |  |  |
| I131TreatmentDosagemCi | .184 | .347 | .280 | 1 | .597 | 1.202 | .609 | 2.371 |

a. The reference category is: 7.80.