**Supplementary 14 (Parameter estimates for post-ablation TSH levels)**

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| **Parameter Estimates** |
| **PostablationTSHa** | **B** | **Std. Error** | **Wald** | **df** | **Sig.** | **Exp(B)** | **95% Confidence Interval for Exp(B)** |
| Lower Bound | Upper Bound |
| .00 | Intercept | .247 | 3.998 | .004 | 1 | .951 |  |  |  |
| I131TreatmentDosagemCi | -.015 | .225 | .004 | 1 | .948 | .985 | .635 | 1.530 |
| .01 | Intercept | .969 | 3.301 | .086 | 1 | .769 |  |  |  |
| I131TreatmentDosagemCi | .008 | .182 | .002 | 1 | .967 | 1.008 | .706 | 1.438 |
| .01 | Intercept | .585 | 3.502 | .028 | 1 | .867 |  |  |  |
| I131TreatmentDosagemCi | .006 | .193 | .001 | 1 | .974 | 1.006 | .690 | 1.468 |
| .01 | Intercept | 2.669 | 2.933 | .828 | 1 | .363 |  |  |  |
| I131TreatmentDosagemCi | .013 | .162 | .006 | 1 | .936 | 1.013 | .738 | 1.391 |
| .02 | Intercept | 1.134 | 3.292 | .119 | 1 | .731 |  |  |  |
| I131TreatmentDosagemCi | -.002 | .182 | .000 | 1 | .991 | .998 | .698 | 1.426 |
| .03 | Intercept | -.056 | 4.042 | .000 | 1 | .989 |  |  |  |
| I131TreatmentDosagemCi | .003 | .223 | .000 | 1 | .988 | 1.003 | .649 | 1.552 |
| .05 | Intercept | .192 | 4.006 | .002 | 1 | .962 |  |  |  |
| I131TreatmentDosagemCi | -.011 | .224 | .003 | 1 | .959 | .989 | .637 | 1.534 |
| .12 | Intercept | -.140 | 4.053 | .001 | 1 | .972 |  |  |  |
| I131TreatmentDosagemCi | .008 | .222 | .001 | 1 | .970 | 1.008 | .653 | 1.558 |
| .17 | Intercept | -1.017 | 4.135 | .060 | 1 | .806 |  |  |  |
| I131TreatmentDosagemCi | .058 | .214 | .073 | 1 | .787 | 1.060 | .696 | 1.613 |
| .23 | Intercept | -.005 | 4.035 | .000 | 1 | .999 |  |  |  |
| I131TreatmentDosagemCi | .000 | .223 | .000 | 1 | .999 | 1.000 | .646 | 1.548 |
| .41 | Intercept | .000 | 4.034 | .000 | 1 | 1.000 |  |  |  |
| I131TreatmentDosagemCi | .000 | .223 | .000 | 1 | 1.000 | 1.000 | .646 | 1.548 |
| .54 | Intercept | -.443 | 4.087 | .012 | 1 | .914 |  |  |  |
| I131TreatmentDosagemCi | .026 | .219 | .014 | 1 | .907 | 1.026 | .667 | 1.577 |
| .58 | Intercept | -.757 | 4.115 | .034 | 1 | .854 |  |  |  |
| I131TreatmentDosagemCi | .043 | .217 | .040 | 1 | .841 | 1.044 | .683 | 1.597 |
| .88 | Intercept | .749 | 3.901 | .037 | 1 | .848 |  |  |  |
| I131TreatmentDosagemCi | -.045 | .226 | .040 | 1 | .841 | .956 | .613 | 1.489 |
| 1.07 | Intercept | .045 | 4.028 | .000 | 1 | .991 |  |  |  |
| I131TreatmentDosagemCi | -.003 | .223 | .000 | 1 | .990 | .997 | .644 | 1.545 |
| 1.74 | Intercept | -.508 | 4.093 | .015 | 1 | .901 |  |  |  |
| I131TreatmentDosagemCi | .029 | .219 | .018 | 1 | .893 | 1.030 | .671 | 1.582 |
| 1.80 | Intercept | -.463 | 4.089 | .013 | 1 | .910 |  |  |  |
| I131TreatmentDosagemCi | .027 | .219 | .015 | 1 | .902 | 1.027 | .668 | 1.579 |
| 1.83 | Intercept | .247 | 3.998 | .004 | 1 | .951 |  |  |  |
| I131TreatmentDosagemCi | -.015 | .225 | .004 | 1 | .948 | .985 | .635 | 1.530 |
| 1.87 | Intercept | .146 | 4.013 | .001 | 1 | .971 |  |  |  |
| I131TreatmentDosagemCi | -.009 | .224 | .002 | 1 | .969 | .991 | .639 | 1.537 |
| 2.16 | Intercept | -.298 | 4.071 | .005 | 1 | .942 |  |  |  |
| I131TreatmentDosagemCi | .017 | .221 | .006 | 1 | .937 | 1.018 | .660 | 1.568 |
| 2.19 | Intercept | .373 | 3.976 | .009 | 1 | .925 |  |  |  |
| I131TreatmentDosagemCi | -.022 | .225 | .010 | 1 | .921 | .978 | .629 | 1.521 |
| 2.70 | Intercept | .146 | 4.013 | .001 | 1 | .971 |  |  |  |
| I131TreatmentDosagemCi | -.009 | .224 | .002 | 1 | .969 | .991 | .639 | 1.537 |
| 3.14 | Intercept | -.757 | 4.115 | .034 | 1 | .854 |  |  |  |
| I131TreatmentDosagemCi | .043 | .217 | .040 | 1 | .841 | 1.044 | .683 | 1.597 |
| 3.25 | Intercept | -.257 | 4.067 | .004 | 1 | .950 |  |  |  |
| I131TreatmentDosagemCi | .015 | .221 | .005 | 1 | .946 | 1.015 | .658 | 1.565 |
| 3.60 | Intercept | -.287 | 4.070 | .005 | 1 | .944 |  |  |  |
| I131TreatmentDosagemCi | .017 | .221 | .006 | 1 | .939 | 1.017 | .660 | 1.567 |
| 4.53 | Intercept | -.015 | 4.036 | .000 | 1 | .997 |  |  |  |
| I131TreatmentDosagemCi | .001 | .223 | .000 | 1 | .997 | 1.001 | .647 | 1.549 |
| 5.28 | Intercept | -.051 | 4.041 | .000 | 1 | .990 |  |  |  |
| I131TreatmentDosagemCi | .003 | .223 | .000 | 1 | .989 | 1.003 | .648 | 1.551 |
| 5.70 | Intercept | -.262 | 4.067 | .004 | 1 | .949 |  |  |  |
| I131TreatmentDosagemCi | .015 | .221 | .005 | 1 | .945 | 1.015 | .659 | 1.566 |
| 6.15 | Intercept | .348 | 3.981 | .008 | 1 | .930 |  |  |  |
| I131TreatmentDosagemCi | -.021 | .225 | .009 | 1 | .926 | .979 | .630 | 1.522 |
| 6.41 | Intercept | -.513 | 4.094 | .016 | 1 | .900 |  |  |  |
| I131TreatmentDosagemCi | .030 | .219 | .018 | 1 | .892 | 1.030 | .671 | 1.582 |
| 6.73 | Intercept | -.757 | 4.115 | .034 | 1 | .854 |  |  |  |
| I131TreatmentDosagemCi | .043 | .217 | .040 | 1 | .841 | 1.044 | .683 | 1.597 |
| 6.90 | Intercept | .489 | 3.956 | .015 | 1 | .902 |  |  |  |
| I131TreatmentDosagemCi | -.029 | .226 | .017 | 1 | .896 | .971 | .624 | 1.511 |
| 8.05 | Intercept | -.020 | 4.037 | .000 | 1 | .996 |  |  |  |
| I131TreatmentDosagemCi | .001 | .223 | .000 | 1 | .996 | 1.001 | .647 | 1.549 |
| 8.41 | Intercept | .348 | 3.981 | .008 | 1 | .930 |  |  |  |
| I131TreatmentDosagemCi | -.021 | .225 | .009 | 1 | .926 | .979 | .630 | 1.522 |
| 10.01 | Intercept | -.121 | 4.050 | .001 | 1 | .976 |  |  |  |
| I131TreatmentDosagemCi | .007 | .222 | .001 | 1 | .974 | 1.007 | .652 | 1.556 |
| 10.88 | Intercept | -.005 | 4.035 | .000 | 1 | .999 |  |  |  |
| I131TreatmentDosagemCi | .000 | .223 | .000 | 1 | .999 | 1.000 | .646 | 1.548 |
| 10.96 | Intercept | -.277 | 4.069 | .005 | 1 | .946 |  |  |  |
| I131TreatmentDosagemCi | .016 | .221 | .005 | 1 | .941 | 1.016 | .659 | 1.567 |
| 11.25 | Intercept | -.368 | 4.079 | .008 | 1 | .928 |  |  |  |
| I131TreatmentDosagemCi | .021 | .220 | .009 | 1 | .922 | 1.022 | .664 | 1.573 |
| 11.33 | Intercept | .399 | 3.972 | .010 | 1 | .920 |  |  |  |
| I131TreatmentDosagemCi | -.024 | .225 | .011 | 1 | .916 | .976 | .628 | 1.519 |
| 12.10 | Intercept | -.272 | 4.069 | .004 | 1 | .947 |  |  |  |
| I131TreatmentDosagemCi | .016 | .221 | .005 | 1 | .943 | 1.016 | .659 | 1.566 |
| 12.70 | Intercept | -.487 | 5.481 | .008 | 1 | .929 |  |  |  |
| I131TreatmentDosagemCi | -.038 | .322 | .014 | 1 | .907 | .963 | .512 | 1.811 |
| 13.70 | Intercept | -.272 | 4.069 | .004 | 1 | .947 |  |  |  |
| I131TreatmentDosagemCi | .016 | .221 | .005 | 1 | .943 | 1.016 | .659 | 1.566 |
| 15.80 | Intercept | -.156 | 4.055 | .001 | 1 | .969 |  |  |  |
| I131TreatmentDosagemCi | .009 | .222 | .002 | 1 | .967 | 1.009 | .653 | 1.559 |
| 19.70 | Intercept | .051 | 4.027 | .000 | 1 | .990 |  |  |  |
| I131TreatmentDosagemCi | -.003 | .223 | .000 | 1 | .989 | .997 | .644 | 1.544 |
| 21.50 | Intercept | -.056 | 4.042 | .000 | 1 | .989 |  |  |  |
| I131TreatmentDosagemCi | .003 | .223 | .000 | 1 | .988 | 1.003 | .649 | 1.552 |
| 25.40 | Intercept | -.035 | 4.039 | .000 | 1 | .993 |  |  |  |
| I131TreatmentDosagemCi | .002 | .223 | .000 | 1 | .993 | 1.002 | .648 | 1.550 |
| 27.36 | Intercept | -.282 | 4.070 | .005 | 1 | .945 |  |  |  |
| I131TreatmentDosagemCi | .017 | .221 | .006 | 1 | .940 | 1.017 | .660 | 1.567 |
| 27.80 | Intercept | .197 | 4.006 | .002 | 1 | .961 |  |  |  |
| I131TreatmentDosagemCi | -.012 | .224 | .003 | 1 | .958 | .988 | .637 | 1.534 |
| 30.20 | Intercept | -.383 | 4.081 | .009 | 1 | .925 |  |  |  |
| I131TreatmentDosagemCi | .022 | .220 | .010 | 1 | .919 | 1.023 | .664 | 1.574 |
| 30.93 | Intercept | -.051 | 4.041 | .000 | 1 | .990 |  |  |  |
| I131TreatmentDosagemCi | .003 | .223 | .000 | 1 | .989 | 1.003 | .648 | 1.551 |
| 34.04 | Intercept | .136 | 4.015 | .001 | 1 | .973 |  |  |  |
| I131TreatmentDosagemCi | -.008 | .224 | .001 | 1 | .971 | .992 | .640 | 1.538 |
| 38.81 | Intercept | -.257 | 4.067 | .004 | 1 | .950 |  |  |  |
| I131TreatmentDosagemCi | .015 | .221 | .005 | 1 | .946 | 1.015 | .658 | 1.565 |
| 46.64 | Intercept | -.358 | 4.078 | .008 | 1 | .930 |  |  |  |
| I131TreatmentDosagemCi | .021 | .220 | .009 | 1 | .925 | 1.021 | .663 | 1.572 |
| 47.61 | Intercept | -.010 | 4.036 | .000 | 1 | .998 |  |  |  |
| I131TreatmentDosagemCi | .001 | .223 | .000 | 1 | .998 | 1.001 | .647 | 1.549 |
| 48.60 | Intercept | -.151 | 4.054 | .001 | 1 | .970 |  |  |  |
| I131TreatmentDosagemCi | .009 | .222 | .002 | 1 | .968 | 1.009 | .653 | 1.558 |
| 49.00 | Intercept | -.045 | 4.041 | .000 | 1 | .991 |  |  |  |
| I131TreatmentDosagemCi | .003 | .223 | .000 | 1 | .990 | 1.003 | .648 | 1.551 |
| 50.80 | Intercept | -.458 | 4.088 | .013 | 1 | .911 |  |  |  |
| I131TreatmentDosagemCi | .027 | .219 | .015 | 1 | .903 | 1.027 | .668 | 1.578 |
| 54.14 | Intercept | .099 | 4.020 | .001 | 1 | .980 |  |  |  |
| I131TreatmentDosagemCi | -.006 | .224 | .001 | 1 | .979 | .994 | .641 | 1.541 |
| 54.50 | Intercept | -.308 | 4.072 | .006 | 1 | .940 |  |  |  |
| I131TreatmentDosagemCi | .018 | .221 | .007 | 1 | .935 | 1.018 | .661 | 1.569 |
| 69.40 | Intercept | .399 | 3.972 | .010 | 1 | .920 |  |  |  |
| I131TreatmentDosagemCi | -.024 | .225 | .011 | 1 | .916 | .976 | .628 | 1.519 |
| 72.70 | Intercept | -.005 | 4.035 | .000 | 1 | .999 |  |  |  |
| I131TreatmentDosagemCi | .000 | .223 | .000 | 1 | .999 | 1.000 | .646 | 1.548 |
| 73.40 | Intercept | -.045 | 4.041 | .000 | 1 | .991 |  |  |  |
| I131TreatmentDosagemCi | .003 | .223 | .000 | 1 | .990 | 1.003 | .648 | 1.551 |
| 77.40 | Intercept | -.257 | 4.067 | .004 | 1 | .950 |  |  |  |
| I131TreatmentDosagemCi | .015 | .221 | .005 | 1 | .946 | 1.015 | .658 | 1.565 |
| 78.10 | Intercept | -.033 | 4.039 | .000 | 1 | .993 |  |  |  |
| I131TreatmentDosagemCi | .002 | .223 | .000 | 1 | .993 | 1.002 | .648 | 1.550 |
| 94.00 | Intercept | .238 | 3.999 | .004 | 1 | .952 |  |  |  |
| I131TreatmentDosagemCi | -.014 | .224 | .004 | 1 | .950 | .986 | .635 | 1.531 |
| 99.10 | Intercept | .177 | 4.009 | .002 | 1 | .965 |  |  |  |
| I131TreatmentDosagemCi | -.011 | .224 | .002 | 1 | .963 | .990 | .638 | 1.535 |

The chi-square statistic is the difference in -2 log-likelihoods between the final model and a reduced model. The reduced model is formed by omitting an effect from the final model. The null hypothesis is that all parameters of that effect are 0.