AGG MENT:

* Crude model

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 30000 | 25.0228 | 1.5888 | 21.9360 | 28.1228 |
| **betaAM** | 30000 | -0.5053 | 0.0337 | -0.5732 | -0.4415 |
| **betadrugs** | 30000 | -0.0132 | 1.6953 | -3.2925 | 3.2635 |
| **sigma2** | 30000 | 99.5026 | 6.4636 | 87.3717 | 112.6 |

* Full model

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 30000 | 16.5504 | 4.0327 | 8.3650 | 24.1226 |
| **betaAM** | 30000 | -0.5352 | 0.0347 | -0.5987 | -0.4639 |
| **betadrugs** | 30000 | -0.4655 | 1.8021 | -3.8556 | 3.1968 |
| **betaage** | 30000 | 0.0860 | 0.0541 | -0.0239 | 0.1877 |
| **betabmi** | 30000 | 0.0427 | 0.1103 | -0.1658 | 0.2634 |
| **betaadh** | 30000 | 2.3543 | 1.5803 | -0.7032 | 5.3701 |
| **betarace** | 30000 | -0.4393 | 1.1128 | -2.5107 | 1.8652 |
| **betadrink** | 30000 | -0.3115 | 1.7470 | -3.7115 | 2.9894 |
| **betasmoke** | 30000 | 1.6625 | 1.0648 | -0.4616 | 3.7283 |
| **betamarij** | 30000 | 1.3194 | 0.9567 | -0.5901 | 3.0900 |
| **betaincmed** | 30000 | 1.1478 | 1.4035 | -1.5053 | 3.8516 |
| **betainchigh** | 30000 | 2.6299 | 1.6156 | -0.5075 | 5.7960 |
| **betaeduc** | 30000 | 1.1126 | 1.3817 | -1.4099 | 4.0083 |
| **sigma2** | 30000 | 98.6127 | 6.6664 | 85.9626 | 112.0 |

AGG PHYS

* Crude model

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 30000 | 14.6264 | 2.0935 | 10.6700 | 18.8781 |
| **betaAP** | 30000 | -0.3111 | 0.0400 | -0.3917 | -0.2346 |
| **betadrugs** | 30000 | -3.6212 | 1.3018 | -6.0231 | -0.8973 |
| **sigma2** | 30000 | 61.7189 | 4.0498 | 54.1002 | 69.8825 |

* Full model

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 30000 | 15.2654 | 3.9533 | 7.7334 | 23.1055 |
| **betaAP** | 30000 | -0.3245 | 0.0477 | -0.4187 | -0.2326 |
| **betadrugs** | 30000 | -3.2238 | 1.4257 | -5.8938 | -0.2785 |
| **betaage** | 30000 | -0.1123 | 0.0432 | -0.2001 | -0.0314 |
| **betabmi** | 30000 | 0.0598 | 0.0837 | -0.1002 | 0.2234 |
| **betaadh** | 30000 | 1.3209 | 1.1942 | -1.0134 | 3.6149 |
| **betarace** | 30000 | -1.2107 | 0.9003 | -2.9275 | 0.6245 |
| **betadrink** | 30000 | -1.1180 | 1.4098 | -3.9788 | 1.6019 |
| **betasmoke** | 30000 | -0.7333 | 0.8168 | -2.3740 | 0.8299 |
| **betamarij** | 30000 | 0.6184 | 0.7723 | -0.8412 | 2.1400 |
| **betaincmed** | 30000 | 2.1426 | 1.0691 | -0.0853 | 4.1490 |
| **betainchigh** | 30000 | 2.7420 | 1.2705 | 0.1979 | 5.0812 |
| **betaeduc** | 30000 | 1.3969 | 1.0699 | -0.7263 | 3.3774 |
| **sigma2** | 30000 | 58.0748 | 3.9270 | 50.4510 | 65.7369 |

LEU3N

* Crude

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 25000 | 144.7 | 16.1750 | 112.6 | 176.6 |
| **betaLEU3N** | 25000 | 0.0582 | 0.0386 | -0.0154 | 0.1367 |
| **betadrugs** | 25000 | -83.2590 | 21.1997 | -124.6 | -41.0181 |
| **sigma2** | 25000 | 32294.2 | 2141.9 | 28166.9 | 36467.6 |

* Full

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 25000 | 12.5143 | 28.4602 | -43.7556 | 67.7600 |
| **betaLEU3N** | 25000 | -0.0537 | 0.0400 | -0.1314 | 0.0262 |
| **betadrugs** | 25000 | -81.7680 | 22.7287 | -126.1 | -37.1493 |
| **betaage** | 25000 | -0.3894 | 0.8440 | -1.9791 | 1.3061 |
| **betabmi** | 25000 | 5.5016 | 1.6231 | 2.3723 | 8.7231 |
| **betaadh** | 25000 | 32.1074 | 20.6046 | -8.9485 | 71.5750 |
| **betarace** | 25000 | 20.3632 | 16.2478 | -10.7264 | 53.1063 |
| **betadrink** | 25000 | -2.8612 | 23.1117 | -48.7830 | 41.2686 |
| **betasmoke** | 25000 | -7.7270 | 15.5997 | -38.4559 | 22.2095 |
| **betamarij** | 25000 | 31.5866 | 15.0953 | 2.2652 | 61.0020 |
| **betaincmed** | 25000 | 17.5924 | 17.3043 | -16.7562 | 50.9475 |
| **betainchigh** | 25000 | -30.7385 | 19.2706 | -67.8257 | 7.5960 |
| **betaeduc** | 25000 | 15.7912 | 18.7063 | -20.1240 | 53.1423 |
| **sigma2** | 25000 | 30204.8 | 2067.0 | 26327.7 | 34383.0 |

LOG10VLOAD

* Crude

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 50000 | 0.7344 | 0.0835 | 0.5677 | 0.8959 |
| **betalogvload** | 50000 | -0.0713 | 0.0181 | -0.1070 | -0.0360 |
| **betadrugs** | 50000 | -0.0167 | 0.0619 | -0.1360 | 0.1063 |
| **sigma2** | 50000 | 0.1352 | 0.00881 | 0.1186 | 0.1530 |

* Full

| **Posterior Summaries and Intervals** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Parameter** | **N** | **Mean** | **Standard Deviation** | **95% HPD Interval** | |
| **betaint** | 50000 | 1.3024 | 0.1826 | 0.9354 | 1.6549 |
| **betalogvload** | 50000 | -0.0903 | 0.0196 | -0.1281 | -0.0514 |
| **betadrugs** | 50000 | -0.0302 | 0.0685 | -0.1611 | 0.1062 |
| **betaage** | 50000 | -0.00009 | 0.00205 | -0.00426 | 0.00381 |
| **betabmi** | 50000 | -0.00850 | 0.00406 | -0.0167 | -0.00060 |
| **betaadh** | 50000 | -0.1487 | 0.0581 | -0.2632 | -0.0346 |
| **betarace** | 50000 | -0.0112 | 0.0421 | -0.0950 | 0.0701 |
| **betadrink** | 50000 | -0.0243 | 0.0661 | -0.1493 | 0.1085 |
| **betasmoke** | 50000 | -0.0456 | 0.0396 | -0.1294 | 0.0267 |
| **betamarij** | 50000 | -0.0475 | 0.0358 | -0.1150 | 0.0232 |
| **betaincmed** | 50000 | -0.1009 | 0.0520 | -0.1987 | 0.00699 |
| **betainchigh** | 50000 | -0.2017 | 0.0610 | -0.3259 | -0.0879 |
| **betaeduc** | 50000 | 0.0407 | 0.0509 | -0.0593 | 0.1399 |
| **sigma2** | 50000 | 0.1343 | 0.00913 | 0.1169 | 0.1525 |