Supplemental Table 3: Sterol values

| Subject | S01 | | | S02 | | | S03 | | | S05 | | | S06 | | | S08 | | | S09 | | | S10 | | | S11 | | | S12 | | | S13 | | | S15 | | | S16 | | | S17 | | | S19 | | | S20 | | | S21 | | | S23 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte** | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH | 7DHC | BDHC | CH |
| **Plasma** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baseline | 40 | 20 | 1168 | 22 | 28 | 1287 | 95 | 85 | 649 | 28 | 33 | 1061 | 20 | 29 | 1102 | 71 | 63 | 788 | 59 | 54 | 1085 | 40 | 42 | 819 | 63 | 62 | 1008 | 139 | 98 | 849 | 17 | 28 | 942 | 29 | 49 | 1495 | 168 | 121 | 738 | 2 | 8 | 1082 | 0.8 | 2.6 | 1620 | 0.4 | 1.4 | 1311 | 45 | 35 | 1053 | 34 | 29 | 962 |
| Placebo 1 Month | 29 | 43 | 1573 | 35 | 28 | 1814 | 117 | 107 | 625 | 38 | 46 | 1490 | 29 | 41 | 1240 | 101 | 78 | 792 | 41 | 58 | 1617 | 36 | 39 | 1020 | 59 | 71 | 1198 | 180 | 143 | 1573 | 25 | 29 | 938 | 31 | 53 | 2101 | | | | 1.8 | 8.2 | 1171 | 0.9 | 5.3 | 1527 | 1 | 4 | 1799 | 71 | 46 | 1255 | | | |
| Placebo 3 Months | 26 | 37 | 1298 | 29 | 24 | 1303 | 150 | 140 | 728 | 29 | 42 | 1513 | 25 | 36 | 1024 | 125 | 94 | 813 | | | | 36 | 46 | 1055 | 41 | 54 | 1317 | 210 | 150 | 1476 | | | | 27 | 42 | 1800 | 158 | 118 | 862 | 3.1 | 11 | 1091 | 2.9 | 3.8 | 1559 | 1.8 | 7.5 | 1749 | 62 | 39 | 1008 | 53 | 44 | 1147 |
| Placebo 6 Months | 41 | 39 | 1120 | 36 | 25 | 1240 | 135 | 124 | 601 | 26 | 36 | 1201 | 19 | 25 | 824 | 111 | 83 | 711 | 42 | 48 | 1206 | 42 | 45 | 853 | 10 | 14 | 1007 | 170 | 128 | 1109 | 19 | 23 | 981 | 33 | 69 | 1565 | 92 | 92 | 856 | 2.6 | 9 | 1055 | 1 | 3.6 | 1937 | 0.4 | 0 | 1695 | 35 | 21 | 1084 | 37 | 29 | 1027 |
| Placebo 9 Months | 28 | 38 | 1428 | 59 | 35 | 1276 | 151 | 135 | 704 | 37 | 51 | 1440 | 30 | 46 | 1125 | 126 | 82 | 669 | | | | 29 | 43 | 1111 | 53 | 60 | 1166 | 185 | 139 | 1091 | 25 | 32 | 1153 | 40 | 59 | 1813 | 216 | 173 | 964 | 2.5 | 10 | 1263 | 1 | 4.6 | 1609 | 1.5 | 6.7 | 1588 | 71 | 41 | 1111 | 50 | 35 | 1107 |
| Placebo 12Months | 21 | 33 | 1342 | 53 | 47 | 803 | 88 | 80 | 532 | 23 | 31 | 1086 | 18 | 27 | 765 | 98 | 74 | 639 | 32 | 27 | 1260 | 32 | 35 | 979 | 67 | 66 | 1224 | 169 | 120 | 1105 | 21 | 28 | 1128 | 43 | 58 | 3807 | 149 | 111 | 726 | 3.2 | 12 | 1148 | 1.05 | 4.5 | 1553 | 1.1 | 1.7 | 1362 | 67 | 45 | 1272 | 52 | 36 | 1025 |
| Washout 14 Months | | | | | | | 141 | 126 | 683 | 36 | 49 | 1641 | 46 | 47 | 1220 | 131 | 100 | 523 | 62 | 61 | 1425 | 19 | 29 | 971 | 60 | 74 | 1385 | 157 | 120 | 1032 | 22 | 28 | 1010 | 58 | 74 | 1716 | 180 | 128 | 903 | 2.2 | 13 | 1293 | 1.2 | 4.9 | 1505 | 0.9 | 2.2 | 1594 | 76 | 50 | 1238 | 56 | 41 | 1184 |
| Simvastatin 1 Month | 13 | 9 | 1282 | 34 | 22 | 1061 | 82 | 85 | 827 | 7 | 18 | 840 | 9.3 | 25 | 1154 | | | | 27 | 38 | 1082 | 13 | 26 | 920 | 44 | 46 | 1060 | 114 | 104 | 1147 | 10 | 21 | 1170 | 20 | 38 | 1614 | 123 | 95 | 897 | 0.8 | 7.2 | 1076 | 0.9 | 2.9 | 1368 | 0.3 | 0 | 1067 | 72 | 57 | 1498 | 26 | 30 | 1006 |
| Simvastatin 3 Months | | | | 20 | 20 | 1021 | 59 | 64 | 857 | 18 | 29 | 1276 | 12 | 19 | 1127 | 56 | 45 | 816 | 53 | 52 | 1082 | 45 | 45 | 1115 | 36 | 51 | 1180 | 93 | 69 | 835 | 8.71 | 20 | 1184 | 20 | 31 | 1349 | 122 | 94 | 926 | 1 | 4.5 | 1004 | 0.3 | 2.8 | 980 | 0.4 | 0 | 1534 | | | | 9 | 19 | 949 |
| Simvastatin 6 Months | 10 | 17 | 1015 | 25 | 19 | 878 | 56 | 61 | 756 | 22 | 30 | 1163 | 21 | 24 | 876 | 66 | 53 | 891 | | | | 12 | 19 | 951 | 26 | 40 | 1266 | 125 | 88 | 1102 | 6.5 | 14 | 971 | 13 | 23 | 1392 | 81 | 65 | 887 | 0.7 | 2.9 | 806 | 0.2 | 0 | 1099 | 0.3 | 0 | 1187 | 51 | 43 | 1232 | 13 | 19 | 987 |
| Simvastatin 9 Months | 11 | 28 | 1404 | 29 | 29 | 1131 | 41 | 45 | 425 | 10 | 25 | 1099 | 10 | 26 | 1006 | 97 | 71 | 890 | 47 | 55 | 1327 | 34 | 42 | 1090 | 12 | 26 | 1284 | 89 | 74 | 991 | 12 | 24 | 1144 | 12 | 28 | 1494 | 107 | 92 | 1078 | 0.4 | 3.5 | 1090 | 0.7 | 3 | 1243 | 0.2 | 0 | 1110 | 51 | 44 | 1128 | 16 | 30 | 1041 |
| Simvastatin 12 Months | 16 | 19 | 965 | 12 | 14 | 1135 | 64 | 67 | 658 | 9 | 20 | 965 | 5 | 17 | 736 | 58 | 47 | 798 | 27 | 34 | 855 | 23 | 19 | 884 | 21 | 28 | 1175 | 73 | 62 | 825 | 5 | 8 | 546 | 7.93 | 21 | 1351 | 116 | 86 | 808 | 0.7 | 3.7 | 820 | 0.41 | 0 | 1222 | 0.5 | 0 | 1064 | 49 | 38 | 993 | 24 | 26 | 920 |
| **Cerebral Spinal Fluid** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baseline | | | | 0.035 | 0.083 | 1.94 | 0.065 | 0.140 | 1.64 | 0.024 | 0.077 | 1.66 | 0.043 | 0.132 | 2.68 | 0.081 | 0.151 | 2.00 | 0.029 | 0.080 | 1.98 | 0.033 | 0.073 | 1.94 | 0.041 | 0.079 | 1.73 | 0.086 | 0.101 | 1.22 | 0.020 | 0.047 | 1.66 | 0.036 | 0.102 | 1.9 | 0.057 | 0.094 | 0.96 | 0.003 | 0.028 | 2.99 | 0.000 | 0.006 | 2.18 | 0.002 | 0.009 | 3.66 | 0.049 | 0.074 | 1.85 | 0.026 | 0.063 | 1.58 |
| Placebo 12 months | 0.032 | 0.105 | 3.01 | 0.007 | 0.068 | 1.48 | 0.072 | 0.164 | 2.24 | 0.027 | 0.081 | 1.69 | 0.017 | 0.104 | 2.62 | 0.119 | 0.164 | 1.71 | 0.036 | 0.103 | 2.82 | 0.044 | 0.112 | 2.86 | 0.035 | 0.120 | 2.37 | 0.121 | 0.146 | 1.19 | 0.025 | 0.074 | 1.97 | 0.011 | 0.082 | 2.1 | 0.070 | 0.091 | 1.41 | 0.004 | 0.022 | 3.14 | 0.001 | trace | 2.19 | 0.001 | 0.007 | 3.56 | 0.019 | 0.034 | 1.51 | 0.029 | 0.067 | 1.64 |
| Simvastatin 12 months | 0.015 | 0.061 | 2.11 | 0.052 | 0.085 | 1.72 | 0.035 | 0.089 | 1.54 | 0.018 | 0.067 | 2.2 | 0.031 | 0.096 | 2.07 | 0.080 | 0.130 | 2.11 | 0.039 | 0.105 | 2.62 | 0.024 | 0.081 | 2.52 | 0.054 | 0.102 | 1.83 | 0.062 | 0.107 | 1.42 | 0.006 | 0.057 | 1.9 | 0.016 | 0.074 | 2.28 | 0.051 | 0.102 | 1.44 | 0.001 | 0.018 | 2.78 | 0.000 | 0.002 | 2 | 0.001 | trace | 3.33 | 0.048 | 0.058 | 1.93 | 0.023 | 0.057 | 1.53 |