**NO LP RESTRICTION**

**Not including time on top**

|  |  |  |  |
| --- | --- | --- | --- |
| Group | Measure | Mean | Standard Deviation |
| C57\_old | LP | 0.5146 | 0.864 |
| RI\_T2 | 0.5996 | 0.1381 |
| RI\_T3 | 0.6234 | 0.1141 |
| C57\_young | LP | 0.4937 | 0.0374 |
| RI\_T2 | 0.5353 | 0.1487 |
| RI\_T3 | 0.7105 | 0.0688 |
| APOE3 | LP | 0.4412 | 0.1118 |
| RI\_T2 | 0.6544 | 0.1829 |
| RI\_T3 | 0.6195 | 0.1191 |
| APOE4 | LP | 0.4772 | 0.0642 |
| RI\_T2 | 0.5719 | 0.0791 |
| RI\_T3 | 0.5253 | 0.1577 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| LP | C57\_old | C57\_young | 0.4722 | -0.0378 – 0.0796 | 0.7284 | 29 | 0.0747 |
| C57\_old | APOE3 | 0.0357 | 0.0052 – 0.1417 | 2.1901 | 33 | 0.0972 |
| C57\_old | APOE4 | 0.3360 | -0.0411 – 0.1160 | 0.9810 | 25 | 0.0824 |
| C57\_young | APOE3 | 0.1690 | -0.0241 – 0.1291 | 1.4222 | 22 | 0.0892 |
| C57\_young | APOE4 | 0.5220 | -0.0374 – 0.0705 | 0.6567 | 14 | 0.0487 |
| APOE3 | APOE4 | 0.4738 | -0.1394 – 0.0674 | -0.7317 | 18 | 0.1009 |
| RI\_T2 | C57\_old | C57\_young | 0.2465 | -0.0469 – 0.1755 | 1.1827 | 29 | 0.1415 |
| C57\_old | APOE3 | 0.3206 | -0.1651 – 0.0557 | -1.0085 | 33 | 0.1573 |
| C57\_old | APOE4 | 0.6450 | -0.0948 – 0.1503 | 0.4664 | 25 | 0.1285 |
| C57\_young | APOE3 | 0.1044 | -0.2648 – 0.0267 | -1.6938 | 22 | 0.1697 |
| C57\_young | APOE4 | 0.5897 | -0.1786 – 0.1055 | -0.5520 | 14 | 0.1282 |
| APOE3 | APOE4 | 0.3074 | -0.0825 – 0.2472 | 1.0505 | 18 | 0.1609 |
| RI\_T3 | C57\_old | C57\_young | 0.0347 | -0.1674 - -0.0067 | -2.2157 | 29 | 0.1023 |
| C57\_old | APOE3 | 0.9219 | -0.0776 – 0.0855 | 0.0987 | 33 | 0.1161 |
| C57\_old | APOE4 | 0.1205 | -0.0277 – 0.2239 | 1.6099 | 24 | 0.1225 |
| C57\_young | APOE3 | 0.0416 | 0.0038 – 0.1782 | 2.1641 | 22 | 0.1016 |
| C57\_young | APOE4 | 0.0065 | 0.0615 – 0.3089 | 3.2336 | 13 | 0.1046 |
| APOE3 | APOE4 | 0.1798 | -0.0479 – 0.2362 | 1.3989 | 17 | 0.1292 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| C57\_old | LP | RI\_T2 | 0.0216 | -0.1569 - -0.0132 | -2.3918 | 40 | 0.1152 |
| LP | RI\_T3 | 0.0012 | -0.1720 – 0.0457 | -3.4845 | 40 | 0.1012 |
| RI\_T2 | RI\_T3 | 0.5461 | -0.1028 – 0.0552 | -0.6087 | 40 | 0.1267 |
| C57\_young | LP | RI\_T2 | 0.4018 | -0.1435 – 0.0602 | -0.8587 | 18 | 0.1084 |
| LP | RI\_T3 | 6.64873e-8 | -0.2688 – 0.1648 | -8.7533 | 18 | 0.0554 |
| RI\_T2 | RI\_T3 | 0.0033 | -0.2840 - -0.0663 | -3.3807 | 18 | 0.1158 |
| APOE3 | LP | RI\_T2 | 9.6203e-4 | -0.3310 - -0.0954 | -3.7216 | 26 | 0.1516 |
| LP | RI\_T3 | 3.7461e-4 | -0.2681 - -0.0886 | -40848 | 26 | 0.1155 |
| RI\_T2 | RI\_T3 | 0.5550 | -0.0850 – 0.1548 | 0.5981 | 26 | 0.1543 |
| APOE4 | LP | RI\_T2 | 0.0460 | -0.1874 - -0.0020 | -2.2773 | 10 | 0.0720 |
| LP | RI\_T3 | 0.5088 | -0.2064 – 0.1101 | -0.6880 | 9 | 0.1155 |
| RI\_T2 | RI\_T3 | 0.5393 | -0.1185 – 0.2117 | 0.6382 | 9 | 0.1205 |

**Including time on top**

|  |  |  |  |
| --- | --- | --- | --- |
| Group | Measure | Mean | Standard Deviation |
| C57\_old | LP | 0.4605 | 0.1560 |
| RI\_T2 | 0.5597 | 0.1669 |
| RI\_T3 | 0.5943 | 0.1387 |
| C57\_young | LP | 0.4581 | 0.1288 |
| RI\_T2 | 0.5321 | 0.2117 |
| RI\_T3 | 0.6622 | 0.1477 |
| APOE3 | LP | 0.4249 | 0.2331 |
| RI\_T2 | 0.6220 | 0.2420 |
| RI\_T3 | 0.5363 | 0.2378 |
| APOE4 | LP | 0.3979 | 0.1743 |
| RI\_T2 | 0.5763 | 0.0970 |
| RI\_T3 | 0.5140 | 0.1755 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| LP | C57\_old | C57\_young | 0.9668 | -0.1140 - 0.1188 | 0.0420 | 29 | 0.1481 |
| C57\_old | APOE3 | 0.5912 | -0.0979 - 0.1691 | 0.5424 | 33 | 0.1901 |
| C57\_old | APOE4 | 0.4059 | -0.0898 - 0.2150 | 0.8455 | 25 | 0.1598 |
| C57\_young | APOE3 | 0.6883 | -0.1361 - 0.2025 | 0.4066 | 22 | 0.1972 |
| C57\_young | APOE4 | 0.4402 | -0.1023 - 0.2226 | 0.7944 | 14 | 0.1467 |
| APOE3 | APOE4 | 0.8030 | -0.1969 - 0.2508 | 0.2531 | 18 | 0.2184 |
| RI\_T2 | C57\_old | C57\_young | 0.6962 | -0.1155 - 0.1706 | 0.3944 | 29 | 0.1820 |
| C57\_old | APOE3 | 0.3728 | -0.2027 - 0.0780 | -0.9036 | 33 | 0.1999 |
| C57\_old | APOE4 | 0.8195 | -0.1648 - 0.1316 | -0.2306 | 25 | 0.1555 |
| C57\_young | APOE3 | 0.3556 | -0.2875 - 0.1077 | -0.9437 | 22 | 0.2301 |
| C57\_young | APOE4 | 0.6408 | -0.2428 - 0.1545 | -0.4769 | 14 | 0.1794 |
| APOE3 | APOE4 | 0.6636 | -0.1715 - 0.2630 | 0.4422 | 18 | 0.2119 |
| RI\_T3 | C57\_old | C57\_young | 0.2224 | -0.1791 - 0.0434 | -1.2470 | 29 | 0.1416 |
| C57\_old | APOE3 | 0.3679 | -0.0713 - 0.1873 | 0.9129 | 33 | 0.1842 |
| C57\_old | APOE4 | 0.2783 | -0.0691 - 0.2298 | 1.1092 | 24 | 0.1455 |
| C57\_young | APOE3 | 0.1537 | -0.0508 - 0.3025 | 1.4774 | 22 | 0.2058 |
| C57\_young | APOE4 | 0.1082 | -0.0374 - 0.3337 | 1.7252 | 13 | 0.1568 |
| APOE3 | APOE4 | 0.8512 | -0.2247 - 0.2692 | 0.1905 | 17 | 0.2247 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| C57\_old | LP | RI\_T2 | 0.0534 | -0.2000 - 0.0015 | -1.9901 | 40 | 0.1616 |
| LP | RI\_T3 | 0.0055 | -0.2259 -0.0418 | -2.9382 | 40 | 0.1476 |
| RI\_T2 | RI\_T3 | 0.4690 | -0.1304 - 0.0611 | -0.7311 | 40 | 0.1535 |
| C57\_young | LP | RI\_T2 | 0.3573 | -0.2387 - 0.0906 | -0.9448 | 18 | 0.1752 |
| LP | RI\_T3 | 0.0040 | -0.3343 - -0.0739 | -3.2933 | 18 | 0.1386 |
| RI\_T2 | RI\_T3 | 0.1286 | -0.3016 - 0.0415 | -1.5930 | 18 | 0.1826 |
| APOE3 | LP | RI\_T2 | 0.0373 | -0.3817 -0.0125 | -2.1952 | 26 | 0.2376 |
| LP | RI\_T3 | 0.2217 | -0.2943 - 0.0715 | -1.2521 | 26 | 0.2354 |
| RI\_T2 | RI\_T3 | 0.3532 | -0.1007 - 0.2721 | 0.9453 | 26 | 0.2399 |
| APOE4 | LP | RI\_T2 | 0.0533 | -0.3599 - 0.0031 | -2.1902 | 10 | 0.1411 |
| LP | RI\_T3 | 0.3013 | -0.3556 - 0.1234 | -1.0966 | 9 | 0.1748 |
| RI\_T2 | RI\_T3 | 0.4736 | -0.1261 - 0.2506 | 0.7480 | 9 | 0.1375 |

**WITH LP RESTRICTION**

**Not including time on top**

|  |  |  |  |
| --- | --- | --- | --- |
| Group | Measure | Mean | Standard Deviation |
| C57\_old | LP | 0.5194 | 0.0373 |
| RI\_T2 | 0.6163 | 0.1435 |
| RI\_T3 | 0.6174 | 0.1076 |
| C57\_young | LP | 0.4937 | 0.0374 |
| RI\_T2 | 0.5353 | 0.1487 |
| RI\_T3 | 0.7105 | 0.0688 |
| APOE3 | LP | 0.5014 | 0.0476 |
| RI\_T2 | 0.6111 | 0.1970 |
| RI\_T3 | 0.6542 | 0.1255 |
| APOE4 | LP | 0.4772 | 0.0642 |
| RI\_T2 | 0.5719 | 0.0791 |
| RI\_T3 | 0.5253 | 0.1577 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| LP | C57\_old | C57\_young | 0.1057 | -0.0059 - 0.0572 | 1.6843 | 23 | 0.0373 |
| C57\_old | APOE3 | 0.3004 | -0.0172 - 0.0532 | 1.0594 | 23 | 0.0416 |
| C57\_old | APOE4 | 0.0725 | -0.0042 - 0.0886 | 1.9016 | 19 | 0.0459 |
| C57\_young | APOE3 | 0.6939 | -0.0479 - 0.0326 | -0.4000 | 18 | 0.0428 |
| C57\_young | APOE4 | 0.5220 | -0.0374 - 0.0705 | 0.6567 | 14 | 0.0487 |
| APOE3 | APOE4 | 0.4017 | -0.0358 - 0.0842 | 0.8648 | 14 | 0.0542 |
| RI\_T2 | C57\_old | C57\_young | 0.1865 | -0.0420 - 0.2039 | 1.3617 | 23 | 0.1456 |
| C57\_old | APOE3 | 0.9399 | -0.1354 - 0.1458 | 0.0763 | 23 | 0.1665 |
| C57\_old | APOE4 | 0.4874 | -0.0868 - 0.1755 | 0.7082 | 19 | 0.1297 |
| C57\_young | APOE3 | 0.3446 | -0.2397 - 0.0882 | -0.9706 | 18 | 0.1745 |
| C57\_young | APOE4 | 0.5897 | -0.1786 - 0.1055 | -0.5520 | 14 | 0.1282 |
| APOE3 | APOE4 | 0.6523 | -0.1434 - 0.2218 | 0.4604 | 14 | 0.1648 |
| RI\_T3 | C57\_old | C57\_young | 0.0240 | -0.1727 - -0.0134 | -2.4164 | 23 | 0.0943 |
| C57\_old | APOE3 | 0.4416 | -0.1338 - 0.0603 | -0.7829 | 23 | 0.1150 |
| C57\_old | APOE4 | 0.1562 | -0.0387 - 0.2229 | 1.4797 | 18 | 0.1205 |
| C57\_young | APOE3 | 0.2295 | -0.0388 - 0.1514 | 1.2440 | 18 | 0.1012 |
| C57\_young | APOE4 | 0.0065 | 0.0615 - 0.3089 | 3.2336 | 13 | 0.1046 |
| APOE3 | APOE4 | 0.1079 | -0.0324 - 0.2901 | 1.7266 | 13 | 0.1363 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| C57\_old | LP | RI\_T2 | 0.0173 | -0.1753 - -0.0185 | -2.5304 | 28 | 0.1049 |
| LP | RI\_T3 | 0.0024 | -0.1583 - -0.0378 | -3.3351 | 28 | 0.0805 |
| RI\_T2 | RI\_T3 | 0.9801 | -0.0960- 0.0937 | -0.0251 | 28 | 0.1268 |
| C57\_young | LP | RI\_T2 | 0.4018 | -0.1435 - 0.0602 | -0.8587 | 18 | 0.1084 |
| LP | RI\_T3 | 6.6487e-08 | -0.2688 - -0.1648 | -8.7533 | 18 | 0.0554 |
| RI\_T2 | RI\_T3 | 0.0033 | -0.2840 - -0.0663 | -3.3807 | 18 | 0.1158 |
| APOE3 | LP | RI\_T2 | 0.1040 | -0.2443 - 0.0249 | -1.7121 | 18 | 0.1433 |
| LP | RI\_T3 | 0.0021 | -0.2420 -0.0636 | -3.5986 | 18 | 0.0950 |
| RI\_T2 | RI\_T3 | 0.5669 | -0.1983 - 0.1121 | -0.5834 | 18 | 0.1652 |
| APOE4 | LP | RI\_T2 | 0.0460 | -0.1874 - -0.0020 | -2.2773 | 10 | 0.0720 |
| LP | RI\_T3 | 0.5088 | -0.2064 - 0.1101 | -0.6880 | 9 | 0.1155 |
| RI\_T2 | RI\_T3 | 0.5393 | -0.1185 - 0.2117 | 0.6382 | 9 | 0.1205 |

**Including time on top**

|  |  |  |  |
| --- | --- | --- | --- |
| Group | Measure | Mean | Standard Deviation |
| C57\_old | LP | 0.5194 | 0.0373 |
| RI\_T2 | 0.6163 | 0.1435 |
| RI\_T3 | 0.6174 | 0.1076 |
| C57\_young | LP | 0.4937 | 0.0374 |
| RI\_T2 | 0.5353 | 0.1487 |
| RI\_T3 | 0.7105 | 0.0688 |
| APOE3 | LP | 0.5014 | 0.0476 |
| RI\_T2 | 0.6111 | 0.1970 |
| RI\_T3 | 0.6542 | 0.1255 |
| APOE4 | LP | 0.4772 | 0.0642 |
| RI\_T2 | 0.5719 | 0.0791 |
| RI\_T3 | 0.5253 | 0.1577 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| LP | C57\_old | C57\_young | 0.1057 | -0.0059 - 0.0572 | 1.6843 | 23 | 0.0373 |
| C57\_old | APOE3 | 0.3004 | -0.0172 - 0.0532 | 1.0594 | 23 | 0.0416 |
| C57\_old | APOE4 | 0.0725 | -0.0042 - 0.0886 | 1.9016 | 19 | 0.0459 |
| C57\_young | APOE3 | 0.6939 | -0.0479 - 0.0326 | -0.4000 | 18 | 0.0428 |
| C57\_young | APOE4 | 0.5220 | -0.0374 - 0.0705 | 0.6567 | 14 | 0.0487 |
| APOE3 | APOE4 | 0.4017 | -0.0358 - 0.0842 | 0.8648 | 14 | 0.0542 |
| RI\_T2 | C57\_old | C57\_young | 0.1865 | -0.0420 - 0.2039 | 1.3617 | 23 | 0.1456 |
| C57\_old | APOE3 | 0.9399 | -0.1354 - 0.1458 | 0.0763 | 23 | 0.1665 |
| C57\_old | APOE4 | 0.4874 | -0.0868 - 0.1755 | 0.7082 | 19 | 0.1297 |
| C57\_young | APOE3 | 0.3446 | -0.2397 - 0.0882 | -0.9706 | 18 | 0.1745 |
| C57\_young | APOE4 | 05897 | -0.17860 - 0.1055 | -0.5520 | 14 | 0.1282 |
| APOE3 | APOE4 | 0.6523 | -0.1431 – 0.2218 | 0.4604 | 14 | 0.1648 |
| RI\_T3 | C57\_old | C57\_young | 0.0240 | -0.1727 - -0.0134 | -2.4164 | 23 | 0.0943 |
| C57\_old | APOE3 | 0.4416 | -0.1338 – 0.0603 | -0.7829 | 23 | 0.1150 |
| C57\_old | APOE4 | 0.1562 | -0.0387 – 0.2229 | 1.4797 | 18 | 0.1205 |
| C57\_young | APOE3 | 0.2295 | -0.0388 - 0.1514 | 1.2440 | 18 | 0.1012 |
| C57\_young | APOE4 | 0.0065 | 0.0615 – 0.1514 | 3.2336 | 13 | 0.1046 |
| APOE3 | APOE4 | 0.1079 | -0.0324 – 0.2901 | 1.7266 | 13 | 0.1363 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Group | comp1 | comp2 | p-value | ci | tstat | df | sd |
| C57\_old | LP | RI\_T2 | 0.5993 | -0.0617 - 0.1038 | 0.5348 | 18 | 0.0880 |
| LP | RI\_T2 | 0.0726 | -0.1836 - 0.0089 | -1.9069 | 18 | 0.1024 |
| RI\_T2 | RI\_T3 | 0.0623 | -0.2230 - 0.0062 | -1.9878 | 18 | 0.1219 |
| C57\_young | LP | RI\_T2 | 0.8154 | -0.1895 - 0.2351 | 0.2397 | 10 | 0.1650 |
| LP | RI\_T2 | 0.0800 | -0.2932 - 0.0197 | -1.9481 | 10 | 0.1216 |
| RI\_T2 | RI\_T3 | 0.1883 | -0.4115 - 0.0923 | -1.4119 | 10 | 0.1958 |
| APOE3 | LP | RI\_T2 | 0.0822 | -0.3603 - 0.0268 | -1.9870 | 8 | 0.1327 |
| LP | RI\_T2 | 0.0247 | -0.3114 - -0.0278 | -2.7588 | 8 | 0.0972 |
| RI\_T2 | RI\_T3 | 0.9783 | -0.2362 - 0.2305 | -0.0280 | 8 | 0.1600 |
| APOE4 | LP | RI\_T2 | 0.2512 | -0.6326 - 0.2900 | -1.5977 | 2 | 0.1072 |
| LP | RI\_T2 | 0.2892 | -0.7423 - 0.3721 | -1.4292 | 2 | 0.1295 |
| RI\_T2 | RI\_T3 | 0.9419 | -0.7347 - 0.7071 | -0.0824 | 2 | 0.1676 |