

Model with only age and month to compare with 2-stage

The Mixed Procedure

| Model Information | |
|---------------------------|--------------------------------|
| Data Set | M.HEMODIALYSIS2 |
| Dependent Variable | hb |
| Covariance Structures | Unstructured, Spatial Gaussian |
| Subject Effects | ID, ID |
| Estimation Method | REML |
| Residual Variance Method | Profile |
| Fixed Effects SE Method | Model-Based |
| Degrees of Freedom Method | Containment |

| Class Level Information | | |
|-------------------------|--------|--|
| Class | Levels | Values |
| ID | 3478 | 100001 100002 100003 100004 100005 100006 100007 100008 100009 100010 100011 100012 100013 100014 100015 100016 100017 100018 100019 100020 100021 100022 100023 100024 100025 100026 100027 100028 100029 100030 100031 100032 100033 100034 100035 100036 100041 100042 100043 100045 100046 100047 100048 100049 100050 100051 100052 100053 100054 100055 100056 100057 100058 100059 100060 100061 100062 100063 100065 100066 100067 100069 100070 100071 100072 100073 100074 100075 100076 100077 100078 100079 100080 100081 100082 100083 100084 100085 100086 100087 100088 100089 100090 100091 100092 100093 100094 100095 100096 100097 100098 100099 100100 100101 100102 100103 100104 100105 100106 100107 100108 100109 100110 100111 100112 100113 100114 100115 100116 100117 100118 100119 100120 100121 100122 100124 100125 100126 100128 100129 100130 100136 100137 100138 100139 100140 100141 100142 100144 100145 100146 100147 100148 100149 100150 100151 100152 100153 100154 100155 100156 100157 100158 100159 100160 100161 100163 100164 100165 100166 100167 100168 100169 100170 100171 100172 100173 100174 100175 100176 100177 100178 100179 100180 100181 100182 100183 100184 100185 100186 100187 100188 100189 100190 100191 100192 100193 100194 100195 100196 100197 100198 100199 100200 100201 100202 100203 100204 100205 100206 100207 100208 100209 100210 100211 100212 100213 100214 100215 100216 100217 100218 100219 100220 100221 100222 100223 100224 100225 100226 100227 100228 100229 100230 100231 100232 100233 100234 100235 100236 100237 100238 100239 100240 100241 100251 100252 100253 100254 100255 100256 100257 100258 100259 100260 100261 100262 100263 100264 100265 100266 100267 100268 100269 100270 100271 100272 100273 100274 100275 100276 100277 100278 100279 100280 100281 100282 100283 100284 100285 100286 100287 100288 100289 100290 100292 100293 100294 100295 100296 100297 100298 100299 100300 100302 100303 100304 100305 100306 100307 100308 100309 100310 100311 100312 100313 100314 100315 100316 100317 100318 100319 100320 100321 100322 100323 100324 100325 100326 100327 100328 100329 100330 100331 100332 100333 100334 100335 100336 100337 100338 100339 100340 100341 100342 100343 100344 100345 100346 100347 100348 100349 100350 100351 100352 100353 100354 100355 100356 100357 100358 100359 100360 100361 100362 100363 100364 100365 100366 100367 100368 100369 100370 100371 100372 100373 100374 100375 100376 100377 100378 100379 100380 100382 100383 100384 100385 100386 100387 100388 100389 100390 100391 100392 100393 100394 100395 100396 100397 100398 100399 100400 100401 100402 100403 100404 100405 100406 100407 100408 100409 100410 100411 100412 100413 100414 100415 100416 100417 100418 100419 100420 100421 100422 100423 100424 100425 100427 100428 100429 100430 100431 100433 100434 100435 100436 100437 100438 100439 100440 100441 100442 100443 100444 100445 100446 100448 100449 100450 100451 100452 100453 100454 100455 100456 100457 100460 100461 100462 100463 100465 100466 100467 100468 100469 100470 100471 100472 100473 100474 100475 100476 100477 100478 100479 100480 100481 100482 100483 100484 100485 100486 100487 100488 100489 100490 100491 100492 100493 100494 100495 100496 100497 100499 100500 100501 100502 100503 100504 100505 100506 100507 100508 100509 100510 100511 100512 100513 100514 100515 100516 100517 100518 100519 100520 100521 100522 100523 100524 100525 100526 100527 100528 100529 100530 100531 100532 100533 100534 100535 100536 100537 100538 100539 100540 100541 100542 100544 100545 100546 100547 100548 100549 100550 100551 100552 100553 100554 100555 100556 100557 100559 100560 100561 100562 100563 100564 100565 100566 100567 100568 100569 100570 100571 100572 100573 100574 100575 100576 100577 100578 100579 100580 100581 100582 100583 100584 100587 100588 100589 100590 100591 100592 100593 100594 100595 100597 100598 100599 100600 100601 100602 100603 100604 100605 100606 100607 100608 100609 100610 100611 100612 100613 100614 100615 100616 100617 100618 100619 100620 100621 100622 100623 100624 100625 100626 100627 100628 100629 100630 100631 100632 100633 100634 100635 100636 100637 100638 100639 100640 100641 100642 100643 100644 100645 100646 100647 100648 100649 100650 100651 100652 100653 100654 100655 100656 100657 100658 100659 100660 100661 100662 100663 100664 100665 100666 100667 100668 100669 100670 100672 110002 110003 110004 110005 110006 110007 110008 110009 110010 110011 110012 110013 110014 110015 110016 110017 110018 110019 110020 110021 110022 110023 110027 110028 110029 110030 110031 110032 110033 110034 110036 110039 110042 110043 110044 110045 110046 110048 110049 110050 110051 110053 110054 110055 110056 110057 110058 110060 110061 110063 110064 110068 110069 110070 110071 110072 110073 110074 110075 110076 110077 110142 110143 110144 110145 110146 110147 110148 110149 110150 110151 110152 110154 110155 110156 110157 110158 110159 110160 110161 110162 110163 110164 110165 110166 110167 110168 110169 110170 110171 110172 110176 110177 110178 110179 110180 110181 110220 110222 110224 110226 110227 110228 110229 110230 110231 110232 110233 110234 110235 110236 110237 110238 110239 110240 110241 110242 110243 110244 110245 110246 110247 110248 110249 110250 110251 110252 110253 110254 110255 110256 110257 110258 110259 110260 110261 110262 110263 110265 110266 110267 110268 110269 110270 110271 110272 110273 110274 110275 110276 110277 110278 110280 110281 110282 110283 110284 110285 110286 110287 110288 110289 110290 110291 110292 110293 110294 110295 110296 110297 110298 110299 110301 110302 110303 110304 110305 110307 110308 110309 110310 110311 110312 110313 110314 110315 110316 110317 110318 110319 110320 110321 110322 110323 110324 110325 110326 110327 110328 110329 110330 110331 110332 110333 110334 110335 110336 110337 110338 110339 110340 110341 110343 110344 110345 110346 110347 110348 110349 110350 110351 110352 110353 110354 110355 110356 110357 110358 110359 110360 110361 110362 110363 110364 110365 110366 110367 110368 110369 110370 110371 110372 110373 110374 110375 110376 110377 110378 110379 110380 110381 110382 110385 110386 110387 110388 110389 110390 110391 110392 110393 110394 110395 110396 110397 110398 110399 110400 110401 110402 110403 110404 110405 110406 110407 110408 110409 110410 110411 110412 110413 110414 110415 110416 |

| Class Level Information | | | | | | | | | | | | | | |
|-------------------------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Class | Levels | Values | | | | | | | | | | | | |
| | | 110417 110418 110419 110420 110421 110422 110424 110425 110426 110427 110428 110429 110430 110438 110439 | | | | | | | | | | | | |
| | | 110440 110441 110442 110443 110444 110445 110446 110447 110448 110449 110450 110452 110453 110454 110455 | | | | | | | | | | | | |
| | | 110456 110457 110458 110459 110460 110461 110462 110463 110464 110465 110466 110467 110468 110469 110470 | | | | | | | | | | | | |
| | | 110471 110472 110473 110474 110475 110476 110477 110478 110479 110480 110481 110482 110483 110484 110485 | | | | | | | | | | | | |
| | | 110486 110487 110488 110489 110491 110492 110493 110494 110495 110496 110497 110498 110499 110500 110501 | | | | | | | | | | | | |
| | | 110502 110503 110504 110505 110506 110507 110508 110509 110510 110518 110519 110520 110521 110522 110523 | | | | | | | | | | | | |
| | | 110524 110525 110526 110527 110528 110529 110530 110531 110532 110533 110534 110535 110536 110537 110538 | | | | | | | | | | | | |
| | | 110539 110540 110541 110542 110543 110544 110545 110546 110547 110548 110549 110550 110551 110552 110553 | | | | | | | | | | | | |
| | | 110554 110555 110556 110559 110560 110561 110562 110563 110564 110565 110566 110567 110568 110570 110571 | | | | | | | | | | | | |
| | | 110572 110573 110574 110575 110576 110577 110578 110579 110580 110581 110582 110583 110584 110587 110588 | | | | | | | | | | | | |
| | | 110589 110590 110591 110592 110593 110594 110595 110596 110597 110601 110602 110603 110604 110605 110606 | | | | | | | | | | | | |
| | | 110607 110610 110611 110612 110613 110614 110615 110616 110617 110618 110619 110620 110621 110622 110623 | | | | | | | | | | | | |
| | | 110624 110626 110627 110628 110629 110630 110631 110632 110633 110634 110635 110636 110637 110638 110639 | | | | | | | | | | | | |
| | | 110640 110641 110642 110643 110644 110645 110646 110647 110648 110649 110650 110653 110654 110655 110656 | | | | | | | | | | | | |
| | | 110657 110658 110659 110660 110661 110662 110663 110664 110665 110666 110667 110668 110669 110670 110672 | | | | | | | | | | | | |
| | | 110673 110674 110675 110676 110677 110678 110679 110680 110681 110682 110683 110685 110686 110687 110688 | | | | | | | | | | | | |
| | | 110689 110690 110691 110692 110693 110694 110695 110696 110697 110698 110699 111002 111003 111004 111005 | | | | | | | | | | | | |
| | | 111006 111007 111008 111009 120001 120002 120003 120004 120005 120006 120007 120008 120009 120010 120011 | | | | | | | | | | | | |
| | | 120012 120013 120014 120015 120016 120017 120018 120019 120020 120021 120022 120023 120024 120025 120026 | | | | | | | | | | | | |
| | | 120027 120028 120029 120030 120031 120032 120033 120034 120035 120036 120037 120038 120039 120040 120043 | | | | | | | | | | | | |
| | | 120044 120045 120046 120047 120048 120049 120050 120051 120052 120053 120054 120055 120056 120057 120058 | | | | | | | | | | | | |
| | | 120059 120060 120061 120062 120063 120064 120065 120066 120067 120068 120069 120070 120071 120072 120073 | | | | | | | | | | | | |
| | | 120074 120075 120076 120077 120078 120079 120080 120081 120082 120083 120084 120085 120086 120088 120089 | | | | | | | | | | | | |
| | | 120090 120091 120092 120093 120094 120095 120096 120097 120098 120099 120100 120101 120102 120103 120105 | | | | | | | | | | | | |
| | | 120106 120107 120108 120109 120110 120111 120112 120113 120114 120115 120116 120117 120118 120119 120120 | | | | | | | | | | | | |
| | | 120121 120122 120123 120124 120125 120126 120127 120128 120129 120130 120131 120132 120134 120135 120136 | | | | | | | | | | | | |
| | | 120137 120138 120139 120140 120141 120142 120143 120144 120145 120150 120151 120152 120153 120154 120155 | | | | | | | | | | | | |
| | | 120156 120157 120158 120159 120160 120161 120162 120163 120164 120166 120167 120168 120169 120170 120171 | | | | | | | | | | | | |
| | | 120172 120173 120174 120175 120176 120177 120178 120179 120180 120181 120182 120183 120185 120186 120187 | | | | | | | | | | | | |
| | | 120188 120189 120190 120192 120193 120194 120195 120196 120197 120199 120200 120203 120204 120205 120206 | | | | | | | | | | | | |
| | | 120207 120208 120209 120210 120211 120212 120213 120214 120215 120216 120219 120220 120222 120223 120224 | | | | | | | | | | | | |
| | | 120225 120226 120227 120228 120229 120230 120231 120232 120233 120234 120235 120236 120237 120238 120239 | | | | | | | | | | | | |
| | | 120240 120241 120242 120243 120244 120245 120246 120247 120248 120249 120250 120251 120252 120253 120254 | | | | | | | | | | | | |
| | | 120255 120256 120257 120258 120259 120261 120262 120268 120269 120270 120271 120272 120273 120274 120275 | | | | | | | | | | | | |
| | | 120301 120302 120303 120304 120305 120306 120307 120308 120309 120311 120324 120325 120326 120327 120328 | | | | | | | | | | | | |
| | | 120329 120330 120331 120332 120333 120334 120335 120336 120345 120346 120401 120402 120403 120404 120405 | | | | | | | | | | | | |
| | | 120406 120407 120408 120409 120410 120411 120412 120413 120414 120415 120416 120417 120418 120419 120420 | | | | | | | | | | | | |
| | | 120421 120422 120423 120424 120425 120426 120429 120430 120431 120432 120433 120434 120435 120436 120437 | | | | | | | | | | | | |
| | | 120439 120440 120441 120442 120443 120444 120445 120446 120447 120448 120449 120450 120452 120453 120454 | | | | | | | | | | | | |
| | | 120455 120456 120457 120458 120459 120460 120461 120462 120463 120464 120465 120466 120467 120469 120470 | | | | | | | | | | | | |
| | | 120471 120472 120473 120474 120475 120478 120479 120480 120481 120482 120483 120484 120485 120486 120487 | | | | | | | | | | | | |
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| | | 120531 120532 120533 120534 120535 120536 120537 120538 120541 120543 120544 120545 120546 120547 120548 | | | | | | | | | | | | |
| | | 120549 120550 120551 120552 120553 120554 120555 120556 120557 120558 120559 120560 120561 120562 120563 | | | | | | | | | | | | |
| | | 120565 120566 120567 120568 120569 120570 120571 120572 120573 120575 120576 120577 120578 120579 120580 | | | | | | | | | | | | |
| | | 120581 120582 120583 120584 120585 120586 120587 120588 120589 120590 120591 120592 120593 120594 120595 | | | | | | | | | | | | |
| | | 120597 120598 130001 130003 130004 130005 130006 130007 130008 130009 130010 130011 130012 130013 130014 | | | | | | | | | | | | |
| | | 130015 130016 130017 130018 130019 130020 130021 130022 130023 130024 130025 130026 130027 130028 130029 | | | | | | | | | | | | |
| | | 130030 130031 130062 130064 130065 130066 130067 130068 130069 130070 130071 130072 130073 130074 130075 | | | | | | | | | | | | |
| | | 130077 130078 130080 130081 130116 130117 130118 130119 130120 130121 130122 130123 130124 130125 130126 | | | | | | | | | | | | |
| | | 130127 130128 130129 130130 130131 130132 130133 130134 130135 130136 130137 130138 130139 130140 130141 | | | | | | | | | | | | |
| | | 130142 130143 130144 130145 130146 130147 130148 130150 130151 130153 130156 130158 130159 130160 130161 | | | | | | | | | | | | |
| | | 130162 130163 130164 130165 130166 130167 130168 130169 130171 130172 130173 130174 130175 130176 130177 | | | | | | | | | | | | |
| | | 130178 130179 130182 130183 130184 130185 130186 130187 130190 130228 130229 130230 130231 130232 130233 | | | | | | | | | | | | |
| | | 130234 130235 130236 130237 130238 130239 130240 130241 130242 130243 130244 130246 130247 130253 130254 | | | | | | | | | | | | |
| | | 130256 130257 130258 130260 130261 130263 130266 130273 130274 130275 130277 130278 130279 130280 130281 | | | | | | | | | | | | |
| | | 130282 130283 130284 130285 130286 130303 130304 130305 130306 130308 130309 130310 130311 130312 130313 | | | | | | | | | | | | |
| | | 130314 130315 130316 130317 130318 130319 130322 130323 130324 130325 130326 130327 130328 130329 130338 | | | | | | | | | | | | |
| | | 130339 130347 130349 130350 130351 130352 130353 130354 130355 130356 130357 130358 130359 130360 130361 | | | | | | | | | | | | |
| | | 130363 130364 130366 130367 130368 130387 130388 130389 130390 130391 130392 130393 130394 130395 130396 | | | | | | | | | | | | |
| | | 130397 130398 130399 130400 130401 130402 130403 130404 130405 130406 130407 130408 130409 130410 130411 | | | | | | | | | | | | |
| | | 130412 130413 130414 130415 130416 130417 130418 130419 130420 130421 130423 130424 130425 130426 130427 | | | | | | | | | | | | |
| | | 130428 130429 130430 130431 130432 130434 130435 130436 130437 130438 130439 130440 130441 130442 130443 | | | | | | | | | | | | |
| | | 130444 130445 130446 130447 130448 130449 130450 130482 130483 130484 130485 130487 130488 130489 130490 | | | | | | | | | | | | |
| | | 130491 130492 130493 130494 130495 130496 130497 130498 130499 130501 130502 130504 130505 130511 130512 | | | | | | | | | | | | |
| | | 130513 130514 130515 130516 130517 130518 130519 130520 130521 130522 130524 130525 130526 130527 130528 | | | | | | | | | | | | |
| | | 130529 130530 130531 130532 130533 130535 130536 130537 130538 130539 130540 130541 130542 130543 130544 | | | | | | | | | | | | |
| | | 130545 130546 130548 130622 130623 130624 130625 130626 130627 130628 130629 130630 130631 130632 130633 | | | | | | | | | | | | |
| | | 130634 130635 130636 130637 130638 130639 130640 130641 130642 130643 130644 130645 130646 130647 130648 | | | | | | | | | | | | |
| | | 130649 130650 130651 130652 130653 130654 130655 130656 130657 130658 130659 130660 130661 130675 130677 | | | | | | | | | | | | |
| | | 130679 130680 130681 130683 130685 130687 130688 130689 130690 130691 130692 130693 130694 130695 130696 | | | | | | | | | | | | |
| | | 130697 130698 130699 130700 130701 130702 130703 130725 130727 130728 130729 130730 130731 130732 130733 | | | | | | | | | | | | |
| | | 130734 130735 130736 130737 130738 130739 130740 130741 130742 130743 130764 130765 130766 130767 130768 | | | | | | | | | | | | |
| | | 130769 130770 130771 130772 130773 130774 130775 130776 130777 130778 130779 130780 130781 130782 130783 | | | | | | | | | | | | |
| | | 130784 130785 130786 130787 130788 130789 130790 130791 130792 130793 130794 130795 130796 130797 130798 | | | | | | | | | | | | |
| | | 130799 130800 130801 130802 130805 130807 130808 130809 130810 130811 130812 130813 130814 130815 130816 | | | | | | | | | | | | |
| | | 130818 130819 130820 130822 130823 130824 130825 130826 130827 130828 130829 130830 130832 130833 130835 | | | | | | | | | | | | |
| | | 130836 130837 130838 130839 130840 130841 130842 130843 130865 130866 130867 130868 130869 130870 130871 | | | | | | | | | | | | |
| | | 130874 130875 130876 130877 130879 130880 130881 130882 130883 130886 130887 130888 130889 130890 130891 | | | | | | | | | | | | |
| | | 130892 130893 130894 130895 130896 130922 130923 130924 130925 130926 130927 130929 130930 130931 130932 | | | | | | | | | | | | |
| | | 130933 130934 130935 130938 130939 130940 130941 130942 130943 130944 130945 130946 130947 130948 130949 | | | | | | | | | | | | |
| | | 130950 130951 130952 130953 130954 130955 130956 130957 130958 130959 130960 130961 130962 130963 130964 | | | | | | | | | | | | |

| Class Level Information | | | | | | | | | | | | | | |
|-------------------------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Class | Levels | Values | | | | | | | | | | | | |
| | | 130965 130966 130967 130968 130969 130970 130971 130972 130973 130974 130975 131017 131018 131019 131020 131021 131022 131023 131024 131025 131026 131027 131028 131029 131030 131031 131032 131033 131034 131035 131036 131042 131043 131044 131045 131046 131047 131048 131049 131050 131051 131052 131053 131054 131055 131056 131058 131059 131060 131061 131062 131063 131064 131065 131066 131067 131068 131069 131070 131071 131072 131073 131074 131075 131076 131077 131078 131079 131080 131081 131082 131083 131084 131085 131086 131087 131088 131089 131090 131091 131092 131093 131094 131095 131096 131097 131098 131099 131100 131101 131102 131103 131104 131105 131106 131107 131108 131109 131110 131111 131132 131133 131134 131135 131136 131137 131138 131139 131140 131141 131142 131143 131144 131145 131146 131147 131148 131149 131150 131151 131152 131153 131154 131155 131156 131157 131158 131159 131160 131161 131162 131163 131164 131165 131166 131167 131168 131169 131170 131171 131172 131173 131174 131175 131176 131177 131178 131179 131180 131181 131182 131183 131184 131185 131186 131187 131188 131189 131190 131191 131192 131193 131194 131195 131196 131197 131198 131199 131200 131213 131214 131215 131217 131218 131219 131220 131221 131222 131223 131224 131225 131226 131227 131228 131229 131233 131234 131235 131236 131237 131267 131271 131272 131273 131274 131275 131276 131277 131278 131279 131280 131281 131282 131372 131373 131374 131375 131376 131377 131378 131429 131430 131435 131436 131502 131503 131504 131506 131507 131508 131509 131510 131522 131523 131524 131526 131528 131529 131531 131532 131533 131534 131535 131536 131560 131561 131564 131570 131571 131572 131573 131574 131575 131576 131577 131578 131579 131580 131581 131585 131586 131587 131588 131589 131590 131591 131592 131593 131595 131596 131597 131599 131600 131601 131603 131604 131605 131606 131607 131608 131609 131610 131611 131612 131613 131614 131615 131616 131617 131618 131619 131620 131621 131622 131623 131624 131625 131626 131627 131691 131692 131693 131694 131695 131696 131697 131698 131699 131700 131701 131702 131703 131704 131705 131706 131707 131708 131709 131710 131801 131807 131816 131817 131818 131819 131820 131821 131822 131865 131869 131875 131882 131883 131884 131885 131886 131887 131888 131889 131890 131891 131892 131893 131894 131895 131896 131897 131898 131899 131900 131901 131902 131903 131904 131906 131907 131908 131909 131910 131911 131912 131913 131914 131915 131916 131917 131918 131919 131920 131924 131943 131945 131946 131947 131948 131949 131950 131971 131972 131973 131974 131975 131976 131995 131996 131997 131998 131999 132000 132001 132002 132003 132004 132005 132006 132007 132008 132009 132010 132011 132030 132031 132032 132033 132034 132035 132036 132037 132038 132039 132042 132043 132044 132045 132046 132047 132048 132049 132050 132052 132053 132054 132055 132056 132057 132059 132062 132063 132064 132065 132330 132362 132364 132365 132366 132367 132368 132369 132370 132371 132372 132373 132375 132376 132377 132378 132379 132380 132381 132382 132402 132403 132404 132405 132406 132407 132408 132409 132410 132411 132413 132414 132415 132417 132418 132419 132420 132421 132422 132423 132424 132425 132426 132427 132428 132429 132430 132431 132432 132433 132434 132435 132436 132437 132441 132442 132443 132444 132445 132446 132447 132448 132449 132450 132451 132452 132453 132454 132455 132456 132457 132458 132459 132460 132461 132462 132463 132464 132465 132466 132467 132468 132469 132470 132471 132472 132473 132474 132475 132476 132477 132478 132479 132480 132481 132483 132484 132485 132486 132487 132488 132489 132491 132492 132493 132494 132495 132496 132497 132498 132499 132500 132501 132502 132503 132504 132505 132506 132507 132509 132510 132511 132512 132513 132515 132516 132517 132518 132519 132520 132521 132531 132532 132533 132534 132537 132538 132539 132539 132540 132542 132543 132544 132545 132546 132547 132548 132549 132550 132551 132552 132553 132554 132555 132556 132557 132558 132559 132560 132561 132562 132563 132564 132565 132566 132568 132569 132570 132571 132573 132574 132575 132576 132577 132578 132579 132580 132581 132582 132583 132584 132585 132586 132587 132588 132589 132590 132592 132593 132602 132603 132604 132605 132606 132607 132608 132609 132610 132611 132612 132613 132620 132622 132623 132624 132625 132626 132627 132628 132629 132630 132631 132632 132633 132634 132635 132636 132637 132638 132639 132640 132641 132642 132643 132644 132645 132646 132647 132648 132649 132650 132651 132652 132653 132654 132655 132656 132657 132658 132659 132661 132662 132663 132664 132665 132666 132667 132668 132669 132670 132672 132673 132674 132675 132677 132678 132679 132680 132681 132683 132684 132685 132686 132687 132688 132689 132691 132692 132693 132694 132695 132697 132698 132699 132700 132702 132703 132704 132705 132706 132707 132708 132709 132710 132711 132712 132713 132714 132715 132716 132717 132718 132719 132720 132721 132723 132753 132754 132755 132757 132757 132763 132764 132765 132773 132774 132775 132777 132778 132779 132780 132781 132784 132785 132786 132787 132788 132789 132790 132791 132792 132793 132794 132795 132796 132797 132798 132799 132800 132801 132803 132805 132807 132808 132809 132810 132813 132814 132815 132816 132817 132832 132837 132838 132839 132841 132842 132843 132844 132845 132846 132847 132848 132849 132859 132860 132861 132862 132863 132864 132865 132871 132872 132873 132874 132875 132876 132877 132878 132880 132881 132902 132952 132954 132955 132956 132957 132958 132959 132960 132961 132968 132972 132973 132974 132980 132981 132982 132983 132984 132985 132986 132987 132988 132989 132990 132991 132992 132993 132994 132995 132996 132997 132998 132999 133000 133002 133003 133004 133005 133006 133007 133008 133009 133010 133011 133012 133013 133014 133015 133016 133017 133018 133019 133020 133021 133023 133024 133025 133026 133027 133028 133029 133030 133031 133033 133034 133035 133036 133037 133038 133039 133040 133041 133042 133043 133044 133046 133047 133048 133050 133051 133052 133053 133055 133056 133057 133060 133061 133062 133063 133064 133065 133066 133067 133068 133069 133070 133071 133072 133073 133074 133075 133076 133077 133078 133079 133080 133081 133082 133083 133089 133090 133091 133092 133093 133094 133095 133096 133097 133098 133099 133100 133144 133145 133146 133147 133148 133149 133150 133154 133156 133157 133158 133159 133161 133166 133167 133195 133196 133197 133198 133199 133200 133201 133202 133203 133204 133205 133268 133269 133270 133271 133272 133273 133274 133276 133277 133278 133279 133280 133281 133282 133283 133284 133285 133286 133287 133288 133289 133291 133292 133302 133303 133304 133305 133306 133307 133308 133309 133310 133311 133312 133313 133314 133315 133316 133317 133318 133319 133320 133321 133322 133323 133324 133325 133326 133327 133328 133329 133330 133331 133332 133333 133334 133335 133336 133337 133338 133339 133340 133341 133343 133344 133345 133364 133404 133405 133406 133407 133408 133409 133410 133411 133412 133413 133414 133415 133416 133417 133418 133419 133420 133423 133444 133445 133447 133448 133449 133450 133452 133453 133454 133455 133457 133458 133459 133460 133461 133462 133463 133464 133465 133466 133467 133468 133469 133470 133489 133490 133492 133493 133525 133526 133527 133528 133529 133530 133531 133532 133533 133534 133535 133536 133537 133538 133539 133544 133545 133546 133547 133548 133549 133550 133551 133552 133553 133554 133555 133556 133557 133558 133559 133560 133561 133562 133563 133644 133645 133646 133647 133649 133650 133651 133652 133653 133664 133665 133666 133667 133668 133669 133670 133671 133672 133673 133674 133675 133676 133677 133678 133680 133681 133682 133683 133684 133685 133686 133687 133688 133689 133690 133691 133692 133693 133694 133695 133696 133698 133699 133700 133701 133703 133751 133752 133753 133754 133755 133758 133759 133760 133761 133765 133769 133770 133771 133772 133773 133775 133777 133778 133779 133851 133852 133853 133854 133855 133856 133857 133858 133859 133860 133861 133862 133863 133864 133865 133866 133867 133868 133869 133870 133871 133872 133873 133874 133875 133876 133924 133942 133943 133944 133945 133946 133947 133948 133949 133950 133951 133952 133953 133954 133955 133956 133957 133958 133959 133967 133968 133969 133970 133971 133972 133973 133974 133975 133976 133977 133978 133979 133980 133981 133982 133983 133984 133985 133986 133987 133988 133989 133990 133991 133992 133993 133994 133995 133996 133997 133998 133999 134000 134001 134042 134043 134044 134045 134046 134047 134048 134049 134050 134051 134052 134063 134064 134065 134067 134068 134069 134070 134071 134073 134074 134075 134076 134077 134083 134084 134085 134086 134088 134089 134090 134093 134123 134124 134125 134126 134127 134128 134129 134130 134131 134132 134167 134168 134169 134170 134171 134172 134173 134174 134175 134176 134177 134178 134179 134180 134181 134182 134183 134184 134185 134186 134203 | | | | | | | | | | | | |

| Class Level Information | | |
|-------------------------|--------|--|
| Class | Levels | Values |
| | | 134204 134212 134213 134214 134247 134248 134249 134250 134251 134252 134253 134254 134255 134256 134257 134258 134259 134260 134261 134262 134263 134265 134266 134267 134268 134269 134271 134272 134273 134274 134275 134276 134277 134278 134279 134280 134281 134282 134304 134306 134307 134308 134309 134310 134311 134312 134313 134391 134392 134393 134394 134395 134396 134397 134398 134399 134400 134413 134414 134415 134417 134418 134438 134439 134440 134441 134452 134453 134454 134455 134456 134457 134458 134460 134461 134462 134463 134464 134472 134473 134474 134475 134476 134477 134478 134479 134480 134481 134482 134483 134484 134485 134486 134487 134488 134513 134514 134515 134516 134517 134518 134519 134520 |
| month0_class | 6 | 0 1 2 3 4 5 |

| Dimensions | |
|--------------------------|------|
| Covariance Parameters | 6 |
| Columns in X | 4 |
| Columns in Z per Subject | 2 |
| Subjects | 3478 |
| Max Obs per Subject | 6 |

| Number of Observations | |
|---------------------------------|------|
| Number of Observations Read | 9999 |
| Number of Observations Used | 9604 |
| Number of Observations Not Used | 395 |

| Iteration History | | | |
|-------------------|-------------|-----------------|------------|
| Iteration | Evaluations | -2 Res Log Like | Criterion |
| 0 | 1 | 32260.75403943 | |
| 1 | 4 | 28023.27551177 | . |
| 2 | 2 | 27984.27101566 | . |
| 3 | 1 | 27975.72475281 | 0.00002255 |
| 4 | 1 | 27975.60331374 | . |
| 5 | 1 | 27975.60082343 | 0.00000000 |

Convergence criteria met.

| Estimated R Matrix for ID 100001 | | | | |
|----------------------------------|---------|--------|--------|---------|
| Row | Col1 | Col2 | Col3 | Col4 |
| 1 | 1.0315 | 0.5584 | 0.2424 | 0.06033 |
| 2 | 0.5584 | 1.0315 | 0.5584 | 0.2424 |
| 3 | 0.2424 | 0.5584 | 1.0315 | 0.5584 |
| 4 | 0.06033 | 0.2424 | 0.5584 | 1.0315 |

| Estimated R Correlation Matrix for ID 100001 | | | | |
|--|---------|--------|--------|---------|
| Row | Col1 | Col2 | Col3 | Col4 |
| 1 | 1.0000 | 0.5414 | 0.2350 | 0.05849 |
| 2 | 0.5414 | 1.0000 | 0.5414 | 0.2350 |
| 3 | 0.2350 | 0.5414 | 1.0000 | 0.5414 |
| 4 | 0.05849 | 0.2350 | 0.5414 | 1.0000 |

| Estimated G Matrix | | | | |
|--------------------|-----------|--------|----------|----------|
| Row | Effect | ID | Col1 | Col2 |
| 1 | Intercept | 100001 | 0.6452 | 0.003740 |
| 2 | month0 | 100001 | 0.003740 | 0.000569 |

| Estimated G Correlation Matrix | | | | |
|--------------------------------|-----------|--------|--------|--------|
| Row | Effect | ID | Col1 | Col2 |
| 1 | Intercept | 100001 | 1.0000 | 0.1952 |

| Estimated G Correlation Matrix | | | | |
|--------------------------------|--------|--------|--------|--------|
| Row | Effect | ID | Col1 | Col2 |
| 2 | month0 | 100001 | 0.1952 | 1.0000 |

| Estimated V Matrix for ID 100001 | | | | |
|----------------------------------|--------|--------|--------|--------|
| Row | Col1 | Col2 | Col3 | Col4 |
| 1 | 1.6767 | 1.2073 | 0.8951 | 0.7167 |
| 2 | 1.2073 | 1.6847 | 1.2160 | 0.9043 |
| 3 | 0.8951 | 1.2160 | 1.6939 | 1.2257 |
| 4 | 0.7167 | 0.9043 | 1.2257 | 1.7042 |

| Estimated V Correlation Matrix for ID 100001 | | | | |
|--|--------|--------|--------|--------|
| Row | Col1 | Col2 | Col3 | Col4 |
| 1 | 1.0000 | 0.7184 | 0.5311 | 0.4240 |
| 2 | 0.7184 | 1.0000 | 0.7198 | 0.5337 |
| 3 | 0.5311 | 0.7198 | 1.0000 | 0.7214 |
| 4 | 0.4240 | 0.5337 | 0.7214 | 1.0000 |

| Covariance Parameter Estimates | | |
|--------------------------------|---------|----------|
| Cov Parm | Subject | Estimate |
| UN(1,1) | ID | 0.6452 |
| UN(2,1) | ID | 0.003740 |
| UN(2,2) | ID | 0.000569 |
| Variance | ID | 0.7375 |
| SP(GAU) | ID | 1.8961 |
| Residual | | 0.2940 |

| Fit Statistics | |
|--------------------------|---------|
| -2 Res Log Likelihood | 27975.6 |
| AIC (Smaller is Better) | 27987.6 |
| AICC (Smaller is Better) | 27987.6 |
| BIC (Smaller is Better) | 28024.5 |

| Null Model Likelihood Ratio Test | | |
|----------------------------------|------------|------------|
| DF | Chi-Square | Pr > ChiSq |
| 5 | 4285.15 | <.0001 |

| Solution for Fixed Effects | | | | | |
|----------------------------|----------|----------------|------|---------|---------|
| Effect | Estimate | Standard Error | DF | t Value | Pr > t |
| Intercept | 10.6306 | 0.09501 | 3473 | 111.89 | <.0001 |
| AGE | 0.004311 | 0.001479 | 3196 | 2.91 | 0.0036 |
| month0 | 0.1349 | 0.04174 | 2931 | 3.23 | 0.0012 |
| AGE*month0 | -0.00151 | 0.000652 | 3196 | -2.32 | 0.0205 |

| Type 3 Tests of Fixed Effects | | | | |
|-------------------------------|--------|--------|---------|--------|
| Effect | Num DF | Den DF | F Value | Pr > F |
| AGE | 1 | 3196 | 8.49 | 0.0036 |
| month0 | 1 | 2931 | 10.44 | 0.0012 |
| AGE*month0 | 1 | 3196 | 5.37 | 0.0205 |