第一组：挑选出来的数据：

ADAS13

mPACCdigit

mPACCtrailsB

ADAS11

MMSE

ADASQ4

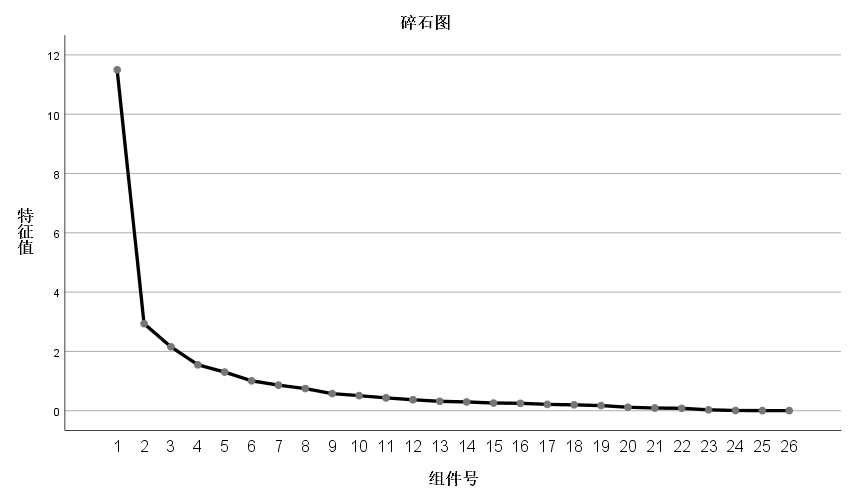
|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **旋转后的成分矩阵a** | | | | | | | | | | |
|  | 成分 | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| SITE | .088 | .008 | -.030 | .166 | -.090 | .167 | .115 | .137 | -.112 | -.569 |
| EXAMDATE | .097 | .095 | .234 | .948 | -.010 | -.073 | .039 | -.015 | .022 | -.004 |
| AGE | -.055 | -.247 | -.004 | -.168 | .018 | .629 | -.162 | .253 | -.063 | -.073 |
| PTEDUCAT | .213 | .152 | .048 | .129 | -.077 | .201 | .081 | .111 | -.137 | .687 |
| CDRSB | -.847 | -.107 | .192 | -.013 | .024 | .012 | .185 | .028 | -.095 | .128 |
| ADAS11 | -.886 | -.112 | .116 | -.027 | .026 | .071 | -.046 | .090 | .005 | .087 |
| ADAS13 | -.915 | -.116 | .093 | -.042 | .062 | .089 | -.107 | .099 | -.007 | .063 |
| ADASQ4 | -.821 | -.073 | .010 | -.076 | .170 | .092 | -.301 | .119 | -.120 | -.017 |
| MMSE | .859 | .122 | -.181 | .017 | -.004 | -.038 | -.099 | -.082 | -.034 | .040 |
| RAVLT\_immediate | .763 | .042 | -.052 | .101 | -.158 | -.159 | .384 | -.072 | -.087 | .002 |
| RAVLT\_learning | .625 | .020 | -.073 | .097 | -.021 | -.053 | .580 | -.011 | .073 | -.069 |
| RAVLT\_forgetting | -.017 | -.002 | -.021 | .008 | .945 | .031 | .038 | .051 | -.026 | -.011 |
| RAVLT\_perc\_forgetting | -.546 | -.059 | .060 | -.045 | .731 | .076 | -.171 | .081 | -.004 | .045 |
| LDELTOTAL | .813 | .068 | .023 | .118 | -.149 | -.020 | .131 | -.098 | .098 | .155 |
| TRABSCOR | -.737 | -.190 | .107 | -.059 | -.042 | .151 | .086 | .075 | .413 | -.015 |
| FAQ | -.846 | -.120 | .124 | -.016 | .000 | .045 | .221 | .022 | -.090 | .164 |
| IMAGEUID | .108 | .067 | .104 | .962 | .002 | -.048 | .013 | -.011 | .037 | -.017 |
| Ventricles | -.352 | .129 | .107 | -.029 | .061 | .820 | .031 | -.246 | .013 | .017 |
| Hippocampus | .507 | .546 | -.122 | .101 | -.105 | -.322 | .114 | -.116 | .358 | .022 |
| WholeBrain | .139 | .936 | -.030 | .052 | -.004 | .005 | .052 | -.048 | .029 | .024 |
| Entorhinal | .507 | .478 | -.143 | .220 | -.100 | -.079 | .029 | .024 | .469 | .009 |
| Fusiform | .329 | .779 | -.015 | .210 | -.007 | -.100 | -.054 | -.011 | -.058 | -.017 |
| MidTemp | .382 | .772 | -.058 | .135 | -.002 | -.078 | -.013 | -.131 | -.055 | -.032 |
| ICV | -.161 | .752 | -.040 | -.258 | .001 | .463 | .059 | -.017 | .024 | .043 |
| mPACCdigit | .928 | .100 | -.119 | .019 | -.089 | -.058 | .061 | -.109 | .020 | .069 |
| mPACCtrailsB | .928 | .129 | -.103 | .070 | -.076 | -.077 | .048 | -.111 | -.044 | .066 |
| EXAMDATE\_bl | .109 | .099 | -.034 | .974 | -.014 | -.079 | .044 | -.011 | .020 | -.010 |
| CDRSB\_bl | -.847 | -.115 | -.052 | -.047 | .042 | .024 | .153 | -.017 | -.129 | .073 |
| ADAS11\_bl | -.860 | -.121 | -.058 | -.053 | .037 | .103 | -.133 | .031 | .001 | .040 |
| ADAS13\_bl | -.889 | -.123 | -.060 | -.066 | .076 | .113 | -.189 | .053 | -.013 | .021 |
| ADASQ4\_bl | -.795 | -.072 | -.041 | -.081 | .174 | .089 | -.323 | .104 | -.121 | -.031 |
| MMSE\_bl | .819 | .127 | .090 | .039 | -.024 | -.060 | -.032 | -.035 | -.025 | .134 |
| RAVLT\_immediate\_bl | .728 | .030 | .056 | .115 | -.169 | -.166 | .438 | -.054 | -.089 | .021 |
| RAVLT\_learning\_bl | .604 | .011 | .048 | .099 | -.011 | -.044 | .607 | .003 | .080 | -.065 |
| RAVLT\_forgetting\_bl | -.070 | .007 | .026 | .008 | .940 | .005 | .060 | .066 | -.029 | -.002 |
| RAVLT\_perc\_forgetting\_bl | -.543 | -.046 | -.019 | -.055 | .747 | .059 | -.193 | .075 | -.019 | .026 |
| LDELTOTAL\_BL | .776 | .079 | .062 | .156 | -.160 | -.010 | .173 | -.056 | .129 | .210 |
| TRABSCOR\_bl | -.673 | -.222 | -.046 | -.081 | -.043 | .171 | .045 | .012 | .449 | -.063 |
| FAQ\_bl | -.802 | -.119 | -.078 | -.035 | .011 | .056 | .204 | -.039 | -.116 | .135 |
| mPACCdigit\_bl | .913 | .106 | .047 | .042 | -.114 | -.069 | .135 | -.072 | .039 | .141 |
| mPACCtrailsB\_bl | .911 | .145 | .072 | .103 | -.098 | -.096 | .124 | -.065 | -.038 | .140 |
| IMAGEUID\_bl | .108 | .069 | -.213 | .948 | -.005 | -.051 | .019 | -.003 | .034 | -.018 |
| Ventricles\_bl | -.315 | .136 | -.031 | -.034 | .063 | .836 | .022 | -.261 | .008 | .004 |
| Hippocampus\_bl | .478 | .560 | .065 | .111 | -.106 | -.331 | .117 | -.108 | .371 | .035 |
| WholeBrain\_bl | .106 | .935 | .088 | .056 | -.002 | .006 | .058 | -.040 | .029 | .034 |
| Entorhinal\_bl | .460 | .496 | -.021 | .237 | -.102 | -.078 | .040 | .051 | .486 | .030 |
| Fusiform\_bl | .273 | .788 | .112 | .220 | -.009 | -.103 | -.041 | .011 | -.054 | .004 |
| MidTemp\_bl | .329 | .786 | .075 | .144 | -.002 | -.081 | .004 | -.113 | -.054 | -.013 |
| ICV\_bl | -.162 | .752 | -.030 | -.259 | .005 | .465 | .058 | -.024 | .021 | .046 |
| TAU\_bl | -.442 | -.168 | -.045 | -.007 | .149 | -.134 | -.005 | .818 | .001 | -.031 |
| PTAU\_bl | -.455 | -.143 | -.033 | -.025 | .161 | -.127 | -.026 | .809 | .020 | -.028 |
| FDG\_bl | .672 | .192 | .093 | -.009 | .003 | -.319 | -.001 | -.063 | -.141 | -.120 |
| Years\_bl | -.033 | -.004 | .992 | .002 | .014 | .015 | -.014 | -.015 | .009 | .022 |
| Month\_bl | -.033 | -.004 | .992 | .002 | .014 | .015 | -.014 | -.015 | .009 | .022 |
| Month | -.033 | -.004 | .992 | .002 | .014 | .015 | -.014 | -.015 | .008 | .021 |
| M | -.036 | -.005 | .991 | .001 | .013 | .014 | -.015 | -.015 | .010 | .022 |
| update\_stamp | -.024 | .144 | .351 | .276 | -.046 | -.037 | .098 | .006 | -.120 | -.009 |
| PTGENDER=Female | .134 | -.542 | .006 | .113 | -.002 | -.374 | .174 | -.022 | -.073 | -.153 |
| 提取方法：主成分分析法。  旋转方法：凯撒正态化最大方差法。 | | | | | | | | | | |
| a. 旋转在 7 次迭代后已收敛。 | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **成分得分系数矩阵** | | | | | | | | | | |
|  | 成分 | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| SITE | .017 | .028 | .014 | .044 | -.049 | .130 | .099 | .124 | -.126 | -.551 |
| EXAMDATE | -.013 | -.014 | .039 | .236 | .000 | .032 | -.023 | -.004 | -.011 | -.003 |
| AGE | .087 | -.051 | .013 | .011 | -.031 | .306 | -.095 | .243 | -.014 | -.074 |
| PTEDUCAT | .026 | -.005 | -.017 | .049 | -.032 | .092 | .017 | .158 | -.114 | .634 |
| CDRSB | -.085 | .023 | .024 | .004 | -.016 | -.061 | .190 | -.031 | -.081 | .110 |
| ADAS11 | -.062 | .012 | .015 | .012 | -.029 | -.028 | .029 | .007 | .013 | .086 |
| ADAS13 | -.057 | .012 | .011 | .013 | -.022 | -.022 | -.007 | .009 | .009 | .067 |
| ADASQ4 | -.031 | .022 | -.001 | .012 | .000 | -.016 | -.129 | .019 | -.070 | -.001 |
| MMSE | .072 | -.017 | -.033 | -.004 | .027 | .034 | -.130 | -.001 | -.024 | .042 |
| RAVLT\_immediate | .016 | -.002 | -.013 | -.007 | -.008 | -.014 | .206 | .007 | -.107 | -.015 |
| RAVLT\_learning | .009 | -.008 | -.015 | -.012 | .053 | .036 | .357 | .040 | .019 | -.086 |
| RAVLT\_forgetting | .034 | -.009 | -.007 | .001 | .347 | .010 | .087 | -.033 | .034 | -.003 |
| RAVLT\_perc\_forgetting | .002 | -.004 | .008 | .006 | .236 | -.009 | -.037 | -.032 | .056 | .057 |
| LDELTOTAL | .051 | -.036 | .005 | .013 | -.005 | .046 | .005 | .004 | .069 | .138 |
| TRABSCOR | -.047 | -.033 | .025 | -.006 | -.015 | .033 | .084 | .007 | .341 | -.006 |
| FAQ | -.086 | .019 | .007 | .006 | -.022 | -.048 | .213 | -.029 | -.079 | .144 |
| IMAGEUID | -.008 | -.021 | .011 | .244 | .005 | .046 | -.041 | -.003 | .004 | -.008 |
| Ventricles | .011 | -.010 | .017 | .042 | .022 | .294 | .050 | -.093 | .028 | -.032 |
| Hippocampus | -.020 | .060 | -.024 | -.027 | .012 | -.126 | .023 | -.068 | .235 | .017 |
| WholeBrain | -.033 | .156 | -.010 | -.018 | -.002 | -.031 | .048 | .015 | -.049 | -.018 |
| Entorhinal | .018 | .029 | -.023 | .023 | .004 | .012 | -.047 | .054 | .335 | .011 |
| Fusiform | -.009 | .127 | -.004 | .025 | -.008 | -.041 | -.044 | .035 | -.108 | -.042 |
| MidTemp | -.013 | .121 | -.015 | .005 | .008 | -.046 | -.018 | -.045 | -.102 | -.061 |
| ICV | -.012 | .125 | -.010 | -.061 | -.013 | .139 | .084 | .068 | -.025 | -.013 |
| mPACCdigit | .063 | -.024 | -.021 | -.013 | .013 | .030 | -.034 | -.008 | .009 | .061 |
| mPACCtrailsB | .060 | -.015 | -.019 | .000 | .013 | .022 | -.040 | -.010 | -.045 | .057 |
| EXAMDATE\_bl | -.016 | -.012 | -.022 | .246 | .000 | .031 | -.017 | -.006 | -.019 | .002 |
| CDRSB\_bl | -.087 | .024 | -.030 | .001 | -.010 | -.063 | .177 | -.069 | -.109 | .066 |
| ADAS11\_bl | -.055 | .006 | -.022 | .013 | -.025 | -.020 | -.029 | -.037 | .016 | .050 |
| ADAS13\_bl | -.050 | .007 | -.021 | .013 | -.018 | -.016 | -.061 | -.026 | .009 | .034 |
| ADASQ4\_bl | -.029 | .021 | -.012 | .012 | .002 | -.017 | -.144 | .008 | -.070 | -.013 |
| MMSE\_bl | .067 | -.015 | .024 | -.004 | .019 | .026 | -.089 | .038 | -.018 | .120 |
| RAVLT\_immediate\_bl | .011 | -.002 | .010 | -.006 | -.012 | -.016 | .243 | .021 | -.111 | -.002 |
| RAVLT\_learning\_bl | .009 | -.009 | .012 | -.013 | .057 | .041 | .375 | .052 | .026 | -.087 |
| RAVLT\_forgetting\_bl | .027 | -.003 | .002 | -.002 | .343 | -.005 | .106 | -.027 | .029 | .004 |
| RAVLT\_perc\_forgetting\_bl | .001 | .000 | -.009 | .004 | .241 | -.019 | -.048 | -.041 | .044 | .042 |
| LDELTOTAL\_BL | .047 | -.036 | .012 | .021 | -.009 | .054 | .031 | .036 | .091 | .188 |
| TRABSCOR\_bl | -.041 | -.046 | -.007 | -.008 | -.008 | .041 | .051 | -.039 | .375 | -.045 |
| FAQ\_bl | -.086 | .018 | -.038 | .005 | -.014 | -.049 | .204 | -.073 | -.100 | .122 |
| mPACCdigit\_bl | .058 | -.023 | .013 | -.012 | .006 | .028 | .011 | .024 | .021 | .121 |
| mPACCtrailsB\_bl | .055 | -.011 | .017 | .003 | .005 | .017 | .007 | .029 | -.045 | .118 |
| IMAGEUID\_bl | -.012 | -.019 | -.061 | .245 | .002 | .044 | -.031 | -.003 | -.005 | .004 |
| Ventricles\_bl | .013 | -.010 | -.014 | .043 | .024 | .301 | .044 | -.102 | .023 | -.041 |
| Hippocampus\_bl | -.021 | .062 | .018 | -.028 | .011 | -.131 | .022 | -.061 | .247 | .023 |
| WholeBrain\_bl | -.034 | .157 | .016 | -.018 | -.003 | -.032 | .052 | .022 | -.047 | -.013 |
| Entorhinal\_bl | .016 | .033 | .004 | .025 | .000 | .013 | -.039 | .074 | .348 | .026 |
| Fusiform\_bl | -.013 | .130 | .023 | .026 | -.012 | -.044 | -.034 | .051 | -.105 | -.027 |
| MidTemp\_bl | -.017 | .126 | .014 | .005 | .005 | -.050 | -.005 | -.032 | -.102 | -.049 |
| ICV\_bl | -.012 | .125 | -.008 | -.061 | -.012 | .138 | .084 | .063 | -.027 | -.011 |
| TAU\_bl | .018 | .027 | .001 | .000 | -.020 | .017 | .053 | .518 | -.011 | .010 |
| PTAU\_bl | .018 | .030 | .004 | -.005 | -.016 | .016 | .040 | .511 | .006 | .012 |
| FDG\_bl | .027 | .034 | .030 | -.036 | .020 | -.102 | -.034 | -.028 | -.130 | -.121 |
| Years\_bl | .011 | -.005 | .226 | -.013 | .003 | .005 | -.024 | .006 | .028 | -.019 |
| Month\_bl | .011 | -.005 | .226 | -.013 | .003 | .005 | -.024 | .006 | .028 | -.019 |
| Month | .011 | -.005 | .226 | -.013 | .002 | .005 | -.024 | .007 | .027 | -.020 |
| M | .011 | -.005 | .225 | -.013 | .002 | .004 | -.024 | .006 | .028 | -.019 |
| update\_stamp | -.019 | .032 | .072 | .060 | -.024 | -.006 | .064 | .020 | -.120 | -.032 |
| PTGENDER=Female | -.011 | -.073 | .003 | .013 | .021 | -.121 | .102 | -.074 | -.044 | -.118 |
| 提取方法：主成分分析法。  旋转方法：凯撒正态化最大方差法。  组件得分。 | | | | | | | | | | |

KMO = 0.835 很适合主成分分析

|  |  |  |
| --- | --- | --- |
| **KMO 和巴特利特检验** | | |
| KMO 取样适切性量数。 | | .835 |
| 巴特利特球形度检验 | 近似卡方 | 84465.213 |
| 自由度 | 325 |
| 显著性 | .000 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **总方差解释** | | | | | | | | | |
| 成分 | 初始特征值 | | | 提取载荷平方和 | | | 旋转载荷平方和 | | |
| 总计 | 方差百分比 | 累积 % | 总计 | 方差百分比 | 累积 % | 总计 | 方差百分比 | 累积 % |
| 1 | 11.497 | 44.219 | 44.219 | 11.497 | 44.219 | 44.219 | 10.048 | 38.645 | 38.645 |
| 2 | 2.936 | 11.292 | 55.510 | 2.936 | 11.292 | 55.510 | 3.717 | 14.298 | 52.942 |
| 3 | 2.154 | 8.286 | 63.796 | 2.154 | 8.286 | 63.796 | 2.233 | 8.587 | 61.530 |
| 4 | 1.549 | 5.959 | 69.755 | 1.549 | 5.959 | 69.755 | 1.755 | 6.751 | 68.281 |
| 5 | 1.303 | 5.012 | 74.767 | 1.303 | 5.012 | 74.767 | 1.668 | 6.416 | 74.697 |
| 6 | 1.009 | 3.882 | 78.650 | 1.009 | 3.882 | 78.650 | 1.028 | 3.953 | 78.650 |
| 7 | .864 | 3.322 | 81.972 |  |  |  |  |  |  |
| 8 | .747 | 2.871 | 84.843 |  |  |  |  |  |  |
| 9 | .578 | 2.222 | 87.065 |  |  |  |  |  |  |
| 10 | .509 | 1.958 | 89.023 |  |  |  |  |  |  |
| 11 | .433 | 1.666 | 90.688 |  |  |  |  |  |  |
| 12 | .371 | 1.427 | 92.115 |  |  |  |  |  |  |
| 13 | .318 | 1.224 | 93.339 |  |  |  |  |  |  |
| 14 | .298 | 1.144 | 94.483 |  |  |  |  |  |  |
| 15 | .259 | .998 | 95.481 |  |  |  |  |  |  |
| 16 | .251 | .966 | 96.446 |  |  |  |  |  |  |
| 17 | .214 | .822 | 97.269 |  |  |  |  |  |  |
| 18 | .199 | .764 | 98.032 |  |  |  |  |  |  |
| 19 | .174 | .669 | 98.701 |  |  |  |  |  |  |
| 20 | .117 | .450 | 99.151 |  |  |  |  |  |  |
| 21 | .092 | .355 | 99.506 |  |  |  |  |  |  |
| 22 | .081 | .313 | 99.819 |  |  |  |  |  |  |
| 23 | .032 | .122 | 99.941 |  |  |  |  |  |  |
| 24 | .008 | .031 | 99.972 |  |  |  |  |  |  |
| 25 | .004 | .016 | 99.988 |  |  |  |  |  |  |
| 26 | .003 | .012 | 100.000 |  |  |  |  |  |  |
| 提取方法：主成分分析法。 | | | | | | | | | |



第二组（\_bl）:同理

mPACCdigit\_bl

mPACCtraintsB\_bl

ADAS13\_bl

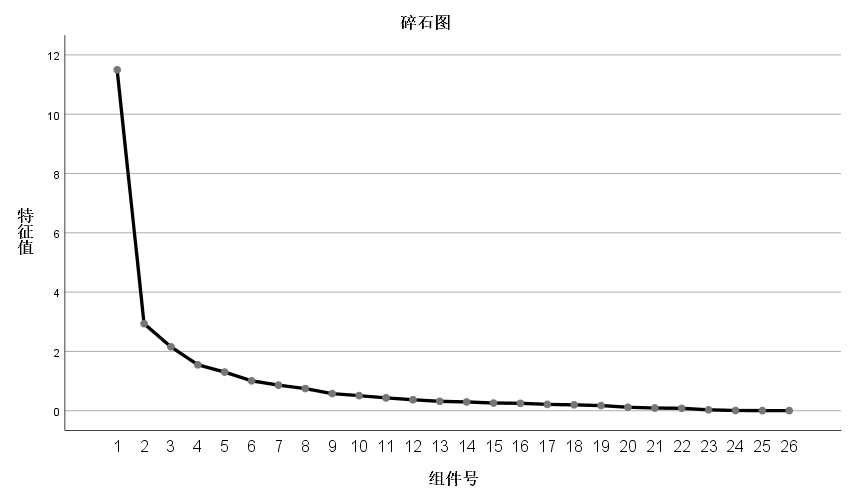
ADAS11\_bl

MMSE\_bl

CDRSB\_bl

|  |  |  |
| --- | --- | --- |
| **公因子方差** | | |
|  | 初始 | 提取 |
| SITE | 1.000 | .728 |
| EXAMDATE | 1.000 | .950 |
| AGE | 1.000 | .653 |
| PTEDUCAT | 1.000 | .586 |
| CDRSB | 1.000 | .780 |
| ADAS11 | 1.000 | .867 |
| ADAS13 | 1.000 | .921 |
| ADASQ4 | 1.000 | .781 |
| MMSE | 1.000 | .820 |
| RAVLT\_immediate | 1.000 | .733 |
| RAVLT\_learning | 1.000 | .496 |
| RAVLT\_forgetting | 1.000 | .903 |
| RAVLT\_perc\_forgetting | 1.000 | .919 |
| LDELTOTAL | 1.000 | .760 |
| TRABSCOR | 1.000 | .627 |
| FAQ | 1.000 | .726 |
| IMAGEUID | 1.000 | .931 |
| Ventricles | 1.000 | .728 |
| Hippocampus | 1.000 | .762 |
| WholeBrain | 1.000 | .898 |
| Entorhinal | 1.000 | .620 |
| Fusiform | 1.000 | .739 |
| MidTemp | 1.000 | .760 |
| ICV | 1.000 | .860 |
| mPACCdigit | 1.000 | .948 |
| mPACCtrailsB | 1.000 | .952 |
| 提取方法：主成分分析法。 | | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **总方差解释** | | | | | | | | | |
| 成分 | 初始特征值 | | | 提取载荷平方和 | | | 旋转载荷平方和 | | |
| 总计 | 方差百分比 | 累积 % | 总计 | 方差百分比 | 累积 % | 总计 | 方差百分比 | 累积 % |
| 1 | 11.497 | 44.219 | 44.219 | 11.497 | 44.219 | 44.219 | 10.048 | 38.645 | 38.645 |
| 2 | 2.936 | 11.292 | 55.510 | 2.936 | 11.292 | 55.510 | 3.717 | 14.298 | 52.942 |
| 3 | 2.154 | 8.286 | 63.796 | 2.154 | 8.286 | 63.796 | 2.233 | 8.587 | 61.530 |
| 4 | 1.549 | 5.959 | 69.755 | 1.549 | 5.959 | 69.755 | 1.755 | 6.751 | 68.281 |
| 5 | 1.303 | 5.012 | 74.767 | 1.303 | 5.012 | 74.767 | 1.668 | 6.416 | 74.697 |
| 6 | 1.009 | 3.882 | 78.650 | 1.009 | 3.882 | 78.650 | 1.028 | 3.953 | 78.650 |
| 7 | .864 | 3.322 | 81.972 |  |  |  |  |  |  |
| 8 | .747 | 2.871 | 84.843 |  |  |  |  |  |  |
| 9 | .578 | 2.222 | 87.065 |  |  |  |  |  |  |
| 10 | .509 | 1.958 | 89.023 |  |  |  |  |  |  |
| 11 | .433 | 1.666 | 90.688 |  |  |  |  |  |  |
| 12 | .371 | 1.427 | 92.115 |  |  |  |  |  |  |
| 13 | .318 | 1.224 | 93.339 |  |  |  |  |  |  |
| 14 | .298 | 1.144 | 94.483 |  |  |  |  |  |  |
| 15 | .259 | .998 | 95.481 |  |  |  |  |  |  |
| 16 | .251 | .966 | 96.446 |  |  |  |  |  |  |
| 17 | .214 | .822 | 97.269 |  |  |  |  |  |  |
| 18 | .199 | .764 | 98.032 |  |  |  |  |  |  |
| 19 | .174 | .669 | 98.701 |  |  |  |  |  |  |
| 20 | .117 | .450 | 99.151 |  |  |  |  |  |  |
| 21 | .092 | .355 | 99.506 |  |  |  |  |  |  |
| 22 | .081 | .313 | 99.819 |  |  |  |  |  |  |
| 23 | .032 | .122 | 99.941 |  |  |  |  |  |  |
| 24 | .008 | .031 | 99.972 |  |  |  |  |  |  |
| 25 | .004 | .016 | 99.988 |  |  |  |  |  |  |
| 26 | .003 | .012 | 100.000 |  |  |  |  |  |  |
| 提取方法：主成分分析法。 | | | | | | | | | |



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **成分矩阵a** | | | | | | |
|  | 成分 | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| SITE | .089 | -.025 | .151 | -.045 | .307 | -.775 |
| EXAMDATE | .241 | .229 | .875 | .084 | .257 | .033 |
| AGE | -.286 | -.188 | -.378 | .052 | .614 | -.115 |
| PTEDUCAT | .224 | .177 | .012 | -.097 | .405 | .576 |
| CDRSB | -.840 | .131 | .172 | -.134 | -.033 | .093 |
| ADAS11 | -.902 | .156 | .118 | -.113 | -.037 | .031 |
| ADAS13 | -.939 | .161 | .086 | -.065 | -.038 | .014 |
| ADASQ4 | -.859 | .162 | -.019 | .110 | -.055 | -.039 |
| MMSE | .866 | -.129 | -.166 | .157 | .046 | -.017 |
| RAVLT\_immediate | .821 | -.202 | .062 | -.079 | .033 | .080 |
| RAVLT\_learning | .672 | -.167 | .068 | -.008 | .082 | .068 |
| RAVLT\_forgetting | -.136 | .078 | -.058 | .934 | .010 | .046 |
| RAVLT\_perc\_forgetting | -.660 | .164 | -.028 | .674 | -.030 | .024 |
| LDELTOTAL | .841 | -.139 | .005 | -.048 | .150 | .098 |
| TRABSCOR | -.754 | .073 | .081 | -.214 | -.007 | -.018 |
| FAQ | -.813 | .112 | .142 | -.156 | -.001 | .090 |
| IMAGEUID | .253 | .205 | .863 | .104 | .264 | .010 |
| Ventricles | -.406 | .361 | -.273 | -.057 | .595 | .028 |
| Hippocampus | .737 | .359 | .050 | -.088 | -.278 | -.042 |
| WholeBrain | .405 | .840 | -.125 | -.032 | -.102 | -.026 |
| Entorhinal | .687 | .354 | .080 | -.062 | -.057 | -.098 |
| Fusiform | .558 | .643 | .033 | .057 | -.080 | -.062 |
| MidTemp | .604 | .620 | -.056 | .042 | -.070 | -.032 |
| ICV | -.029 | .765 | -.484 | -.112 | .162 | -.016 |
| mPACCdigit | .946 | -.171 | -.126 | .044 | .066 | .030 |
| mPACCtrailsB | .956 | -.143 | -.082 | .070 | .071 | .032 |
| 提取方法：主成分分析法。 | | | | | | |
| a. 提取了 6 个成分。 | | | | | | |

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| **旋转后的成分矩阵a** | | | | | | |
|  | 成分 | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| SITE | .092 | .011 | .202 | -.097 | .212 | -.790 |
| EXAMDATE | .065 | .108 | .962 | -.006 | -.095 | -.019 |
| AGE | -.057 | -.281 | -.192 | .082 | .715 | -.127 |
| PTEDUCAT | .197 | .128 | .247 | -.114 | .353 | .577 |
| CDRSB | -.860 | -.169 | .044 | -.014 | .052 | .088 |
| ADAS11 | -.915 | -.152 | -.013 | .020 | .080 | .031 |
| ADAS13 | -.938 | -.154 | -.043 | .075 | .096 | .014 |
| ADASQ4 | -.827 | -.112 | -.121 | .243 | .102 | -.036 |
| MMSE | .888 | .169 | -.023 | .033 | -.047 | -.013 |
| RAVLT\_immediate | .800 | .055 | .145 | -.212 | -.139 | .070 |
| RAVLT\_learning | .668 | .030 | .158 | -.122 | -.071 | .055 |
| RAVLT\_forgetting | .000 | -.007 | .028 | .949 | .033 | .023 |
| RAVLT\_perc\_forgetting | -.556 | -.079 | -.041 | .771 | .082 | .010 |
| LDELTOTAL | .827 | .109 | .153 | -.179 | -.007 | .092 |
| TRABSCOR | -.759 | -.171 | -.040 | -.105 | .092 | -.018 |
| FAQ | -.823 | -.176 | .027 | -.040 | .087 | .085 |
| IMAGEUID | .089 | .093 | .951 | .010 | -.090 | -.044 |
| Ventricles | -.370 | .165 | -.028 | .032 | .748 | .052 |
| Hippocampus | .505 | .601 | .097 | -.157 | -.334 | .002 |
| WholeBrain | .110 | .938 | .044 | -.010 | -.002 | .055 |
| Entorhinal | .489 | .549 | .195 | -.135 | -.138 | -.065 |
| Fusiform | .303 | .777 | .188 | .027 | -.090 | -.009 |
| MidTemp | .366 | .780 | .114 | .011 | -.058 | .025 |
| ICV | -.185 | .755 | -.262 | -.016 | .427 | .073 |
| mPACCdigit | .955 | .146 | .017 | -.095 | -.058 | .032 |
| mPACCtrailsB | .953 | .167 | .067 | -.072 | -.068 | .031 |
| 提取方法：主成分分析法。  旋转方法：凯撒正态化最大方差法。 | | | | | | |
| a. 旋转在 6 次迭代后已收敛。 | | | | | | |

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| **成分转换矩阵** | | | | | | |
| 成分 | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | .916 | .315 | .138 | -.140 | -.149 | .010 |
| 2 | -.311 | .921 | .170 | .078 | .124 | .075 |
| 3 | -.151 | -.156 | .900 | -.075 | -.365 | -.069 |
| 4 | .148 | -.043 | .085 | .983 | -.029 | -.033 |
| 5 | .137 | -.138 | .363 | -.032 | .910 | -.033 |
| 6 | .013 | -.090 | .063 | .022 | -.004 | .994 |
| 提取方法：主成分分析法。  旋转方法：凯撒正态化最大方差法。 | | | | | | |

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| **成分得分协方差矩阵** | | | | | | |
| 成分 | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 1.000 | .000 | .000 | .000 | .000 | .000 |
| 2 | .000 | 1.000 | .000 | .000 | .000 | .000 |
| 3 | .000 | .000 | 1.000 | .000 | .000 | .000 |
| 4 | .000 | .000 | .000 | 1.000 | .000 | .000 |
| 5 | .000 | .000 | .000 | .000 | 1.000 | .000 |
| 6 | .000 | .000 | .000 | .000 | .000 | 1.000 |
| 提取方法：主成分分析法。  旋转方法：凯撒正态化最大方差法。  组件得分。 | | | | | | |