**1차 시행**

**> summary(glm(a1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=a1))**

Call:glm(formula = a1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = a1)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (19 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -6.868e+15 5.948e+07 -115481358 <2e-16 \*\*\*

생년 -1.643e+15 1.568e+07 -104747909 <2e-16 \*\*\*

`장애등록 연도` 2.179e+14 7.503e+06 29045061 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 9.661e+14 2.677e+07 36094573 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -1.534e+14 1.097e+07 -13985232 <2e-16 \*\*\*

`월 평균 총가구소득` 8.293e+14 4.159e+07 19937718 <2e-16 \*\*\*

`가구 주된 수입원` -1.365e+14 4.674e+06 -29213494 <2e-16 \*\*\*

`가구 월평균 지출액` -1.331e+15 2.602e+07 -51160563 <2e-16 \*\*\*

`장애발생시 연령...36` 2.210e+14 1.196e+07 18482206 <2e-16 \*\*\*

`월 혈압약 일수` 9.502e+14 2.780e+06 341774003 <2e-16 \*\*\*

`관절통증 정도` -3.403e+13 4.460e+06 -7630250 <2e-16 \*\*\*

`운동 시간(분)` 1.041e+14 1.367e+07 7612122 <2e-16 \*\*\*

`키(센티)` 3.642e+13 9.185e+06 3965061 <2e-16 \*\*\*

`몸무게(kg)` -1.553e+15 6.539e+07 -23750746 <2e-16 \*\*\*

성별\_1 -1.117e+13 3.332e+06 -3353738 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 9.326e+14 1.180e+07 79017525 <2e-16 \*\*\*

장애등급...20\_2 3.387e+14 7.462e+06 45397840 <2e-16 \*\*\*

장애등급...20\_3 2.323e+14 5.110e+06 45467635 <2e-16 \*\*\*

장애등급...20\_4 1.503e+14 4.292e+06 35019996 <2e-16 \*\*\*

장애등급...20\_5 1.119e+14 3.491e+06 32055832 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.464e+15 5.059e+07 68469918 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 4.193e+15 5.337e+07 78572028 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.553e+15 5.097e+07 50082597 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 1.832e+15 5.691e+07 32194542 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 1.959e+15 5.195e+07 37717622 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 3.323e+15 5.091e+07 65260147 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 6.612e+14 6.133e+07 10780852 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 2.433e+15 5.194e+07 46833044 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 5.204e+15 8.631e+07 60290052 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 3.112e+15 5.274e+07 59013093 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 3.373e+15 5.141e+07 65596775 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 9.293e+14 5.339e+07 17405491 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.868e+15 5.175e+07 55419286 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 3.186e+15 5.185e+07 61445106 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.377e+15 5.070e+07 66607812 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` 6.260e+14 1.120e+07 55893900 <2e-16 \*\*\*

`장애부위(상지)...31\_1` -2.141e+14 1.012e+07 -21154601 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 3.368e+13 1.046e+07 3219917 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 1.889e+14 7.503e+06 25172507 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 1.010e+14 5.252e+06 19238415 <2e-16 \*\*\*

`장애부위(하지)...32\_2` -5.623e+13 5.372e+06 -10466763 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 3.290e+14 6.646e+06 49506278 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -1.018e+15 4.400e+07 -23144889 <2e-16 \*\*\*

`가장 불편한부위\_12` -1.024e+15 3.932e+07 -26032561 <2e-16 \*\*\*

`가장 불편한부위\_13` 1.263e+15 3.842e+07 32879528 <2e-16 \*\*\*

`가장 불편한부위\_14` 2.567e+15 3.553e+07 72255721 <2e-16 \*\*\*

`가장 불편한부위\_15` 1.397e+15 5.936e+07 23527999 <2e-16 \*\*\*

`가장 불편한부위\_16` -8.293e+14 3.913e+07 -21193197 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.997e+15 3.653e+07 82042777 <2e-16 \*\*\*

`가장 불편한부위\_18` -9.458e+13 4.014e+07 -2356257 <2e-16 \*\*\*

`가장 불편한부위\_19` -1.184e+15 4.151e+07 -28531918 <2e-16 \*\*\*

`가장 불편한부위\_21` 3.516e+15 3.330e+07 105590492 <2e-16 \*\*\*

`가장 불편한부위\_22` 3.438e+15 4.118e+07 83481157 <2e-16 \*\*\*

`가장 불편한부위\_23` 2.841e+15 3.207e+07 88588796 <2e-16 \*\*\*

`가장 불편한부위\_24` 2.479e+15 3.225e+07 76886469 <2e-16 \*\*\*

`가장 불편한부위\_25` 4.240e+15 3.486e+07 121604507 <2e-16 \*\*\*

`가장 불편한부위\_26` 3.539e+15 3.582e+07 98805235 <2e-16 \*\*\*

`가장 불편한부위\_27` 1.966e+14 5.372e+07 3660446 <2e-16 \*\*\*

`가장 불편한부위\_31` 3.303e+15 3.308e+07 99847230 <2e-16 \*\*\*

`가장 불편한부위\_32` 3.769e+15 3.374e+07 111685840 <2e-16 \*\*\*

`가장 불편한부위\_33` 2.761e+14 3.445e+07 8014863 <2e-16 \*\*\*

`가장 불편한부위\_34` 2.146e+15 3.355e+07 63959032 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.727e+15 3.145e+07 86712508 <2e-16 \*\*\*

`가장 불편한부위\_36` 2.848e+15 3.142e+07 90658084 <2e-16 \*\*\*

`가장 불편한부위\_37` 1.282e+15 3.201e+07 40050517 <2e-16 \*\*\*

`가장 불편한부위\_38` 3.012e+15 3.111e+07 96794931 <2e-16 \*\*\*

`가장 불편한부위\_41` -5.036e+14 3.574e+07 -14092317 <2e-16 \*\*\*

`가장 불편한부위\_42` 2.075e+15 3.493e+07 59413569 <2e-16 \*\*\*

`가장 불편한부위\_43` 1.114e+14 3.372e+07 3303450 <2e-16 \*\*\*

`가장 불편한부위\_44` 1.726e+15 3.465e+07 49796399 <2e-16 \*\*\*

`가장 불편한부위\_45` 1.943e+15 3.350e+07 58005170 <2e-16 \*\*\*

`가장 불편한부위\_46` 2.705e+15 4.206e+07 64318389 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 1.337e+13 2.699e+07 495526 <2e-16 \*\*\*

장애발생시기...35\_2 4.154e+14 1.299e+07 31985745 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -3.177e+15 3.379e+07 -94032702 <2e-16 \*\*\*

`장애주된 원인\_14` -8.940e+14 3.221e+07 -27756826 <2e-16 \*\*\*

`장애주된 원인\_15` -3.393e+15 5.719e+07 -59329859 <2e-16 \*\*\*

`장애주된 원인\_17` -4.817e+15 3.159e+07 -152486425 <2e-16 \*\*\*

`장애주된 원인\_31` -3.583e+15 7.747e+07 -46251964 <2e-16 \*\*\*

`장애주된 원인\_40` -8.608e+15 1.054e+08 -81657933 <2e-16 \*\*\*

`장애주된 원인\_43` -3.465e+15 7.443e+07 -46553198 <2e-16 \*\*\*

`장애주된 원인\_46` -2.925e+15 4.139e+07 -70652297 <2e-16 \*\*\*

`장애주된 원인\_47` -6.063e+14 7.192e+07 -8429689 <2e-16 \*\*\*

`장애주된 원인\_48` -1.029e+15 2.373e+07 -43375838 <2e-16 \*\*\*

`장애주된 원인\_49` -4.616e+15 3.938e+07 -117221692 <2e-16 \*\*\*

`장애주된 원인\_50` -6.444e+15 7.295e+07 -88338509 <2e-16 \*\*\*

`장애주된 원인\_51` -2.631e+15 5.275e+07 -49886461 <2e-16 \*\*\*

`장애주된 원인\_60` -3.227e+15 3.604e+07 -89518459 <2e-16 \*\*\*

`장애주된 원인\_61` -1.944e+15 2.397e+07 -81131002 <2e-16 \*\*\*

`장애주된 원인\_62` -1.348e+15 2.376e+07 -56746417 <2e-16 \*\*\*

`장애주된 원인\_63` -1.141e+15 2.416e+07 -47210329 <2e-16 \*\*\*

`장애주된 원인\_64` -1.365e+15 2.485e+07 -54928168 <2e-16 \*\*\*

`장애주된 원인\_65` 5.994e+13 2.984e+07 2008735 <2e-16 \*\*\*

`장애주된 원인\_66` -1.182e+15 2.905e+07 -40674971 <2e-16 \*\*\*

`장애주된 원인\_67` 1.321e+14 4.176e+07 3164033 <2e-16 \*\*\*

`장애주된 원인\_68` -7.243e+14 2.717e+07 -26661640 <2e-16 \*\*\*

`장애주된 원인\_69` -9.812e+14 2.351e+07 -41741958 <2e-16 \*\*\*

`장애주된 원인\_70` -4.507e+15 7.127e+07 -63236993 <2e-16 \*\*\*

`장애주된 원인\_71` -3.654e+15 4.563e+07 -80087157 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 4.210e+15 1.061e+08 39690321 <2e-16 \*\*\*

질병명...38\_103 8.211e+15 1.068e+08 76867217 <2e-16 \*\*\*

질병명...38\_105 4.708e+15 1.214e+08 38767009 <2e-16 \*\*\*

질병명...38\_108 3.624e+15 1.248e+08 29041374 <2e-16 \*\*\*

질병명...38\_109 7.906e+15 1.044e+08 75725012 <2e-16 \*\*\*

질병명...38\_134 5.203e+14 1.001e+08 5199392 <2e-16 \*\*\*

질병명...38\_137 6.683e+15 8.666e+07 77119852 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 7.585e+14 4.255e+07 17823671 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 4.072e+14 8.525e+06 47762109 <2e-16 \*\*\*

질병명...38\_173 -1.661e+14 1.435e+07 -11573342 <2e-16 \*\*\*

질병명...38\_174 -3.392e+15 2.137e+07 -158697615 <2e-16 \*\*\*

질병명...38\_175 -4.248e+13 6.851e+06 -6200281 <2e-16 \*\*\*

질병명...38\_177 -3.211e+14 1.508e+07 -21302024 <2e-16 \*\*\*

질병명...38\_178 -3.219e+15 3.962e+07 -81234893 <2e-16 \*\*\*

질병명...38\_179 5.820e+14 4.097e+07 14206740 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 3.745e+15 4.328e+07 86529499 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 8.175e+15 9.668e+07 84557982 <2e-16 \*\*\*

질병명...38\_188 3.149e+15 7.274e+07 43296342 <2e-16 \*\*\*

질병명...38\_190 5.587e+15 7.676e+07 72779711 <2e-16 \*\*\*

질병명...38\_191 3.260e+15 8.824e+07 36944743 <2e-16 \*\*\*

질병명...38\_192 3.039e+15 7.585e+07 40063824 <2e-16 \*\*\*

질병명...38\_201 6.161e+15 7.312e+07 84267549 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 2.402e+14 3.818e+06 62910744 <2e-16 \*\*\*

산업재해인정여부...39\_1 2.187e+14 6.175e+06 35421093 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -7.605e+14 3.439e+07 -22116314 <2e-16 \*\*\*

`주된 진단명...40\_2` -3.692e+14 2.005e+07 -18419390 <2e-16 \*\*\*

`주된 진단명...40\_3` -1.483e+14 3.167e+07 -4681996 <2e-16 \*\*\*

`주된 진단명...40\_4` -2.165e+14 1.478e+07 -14649329 <2e-16 \*\*\*

`주된 진단명...40\_5` 1.155e+15 5.559e+07 20781558 <2e-16 \*\*\*

`주된 진단명...40\_6` -1.016e+15 1.092e+07 -93084416 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 3.376e+14 1.747e+07 19320898 <2e-16 \*\*\*

`주된 진단명...40\_9` -1.058e+15 2.243e+07 -47178969 <2e-16 \*\*\*

`주된 진단명...40\_10` 9.040e+13 1.562e+07 5786570 <2e-16 \*\*\*

`주된 진단명...40\_11` -4.751e+14 1.223e+07 -38841452 <2e-16 \*\*\*

`주된 진단명...40\_12` -4.541e+14 9.917e+06 -45792270 <2e-16 \*\*\*

`주된 진단명...40\_13` 5.252e+14 2.343e+07 22410091 <2e-16 \*\*\*

`주된 진단명...40\_14` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 13192 on 2551 degrees of freedom

AIC: 13462

**> summary(glm(b1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=b1))**

Call:glm(formula = b1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = b1)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 -8.49 -8.49 0.00 8.49

Coefficients: (36 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.354e+24 1.737e+08 -1.355e+16 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_1` -5.471e+23 4.832e+07 -1.132e+16 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_2` -5.475e+23 4.836e+07 -1.132e+16 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_3` -6.036e+23 4.849e+07 -1.245e+16 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_4` -5.459e+23 4.987e+07 -1.095e+16 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_5` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` -4.290e+20 7.933e+06 -5.408e+13 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_1` 7.487e+22 1.116e+07 6.707e+15 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`현재 지속적 진료여부\_1` 3.827e+22 6.508e+06 5.880e+15 <2e-16 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -3.035e+23 3.064e+07 -9.905e+15 <2e-16 \*\*\*

`주관적 건강 평가\_2` -1.945e+22 6.271e+06 -3.102e+15 <2e-16 \*\*\*

`주관적 건강 평가\_3` 5.262e+20 4.903e+06 1.073e+14 <2e-16 \*\*\*

`주관적 건강 평가\_4` -1.911e+22 4.397e+06 -4.347e+15 <2e-16 \*\*\*

`주관적 건강 평가\_5` NA NA NA NA

`건강검진 여부\_1` -7.912e+23 4.360e+06 -1.815e+17 <2e-16 \*\*\*

`건강검진 여부\_2` NA NA NA NA

`암검진 여부\_1` 1.417e+24 3.530e+06 4.013e+17 <2e-16 \*\*\*

`암검진 여부\_2` NA NA NA NA

`구강건강 검진 여부\_1` 9.284e+19 2.909e+06 3.192e+13 <2e-16 \*\*\*

`구강건강 검진 여부\_2` NA NA NA NA

`인플루엔자 예방접종여부\_1` 9.284e+19 3.269e+06 2.841e+13 <2e-16 \*\*\*

`인플루엔자 예방접종여부\_2` NA NA NA NA

`입원치료 여부\_1` 1.913e+22 3.362e+06 5.689e+15 <2e-16 \*\*\*

`입원치료 여부\_2` NA NA NA NA

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_1` -3.836e+22 3.006e+06 -1.276e+16 <2e-16 \*\*\*

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_2` NA NA NA NA

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_1` -1.777e+22 1.418e+07 -1.253e+15 <2e-16 \*\*\*

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_2` NA NA NA NA

사고발생내용1\_0 NA NA NA NA

사고발생내용1\_1 -3.603e+23 1.853e+07 -1.944e+16 <2e-16 \*\*\*

사고발생내용1\_2 1.798e+22 1.553e+07 1.158e+15 <2e-16 \*\*\*

사고발생내용1\_3 1.503e+23 2.053e+07 7.322e+15 <2e-16 \*\*\*

사고발생내용1\_4 1.515e+23 2.514e+07 6.025e+15 <2e-16 \*\*\*

사고발생내용1\_5 5.279e+23 6.871e+07 7.683e+15 <2e-16 \*\*\*

사고발생내용1\_6 1.694e+23 4.137e+07 4.096e+15 <2e-16 \*\*\*

사고발생내용1\_8 -9.560e+22 3.135e+07 -3.049e+15 <2e-16 \*\*\*

사고발생내용1\_10 NA NA NA NA

사고발생내용2\_0 -1.337e+23 6.851e+07 -1.952e+15 <2e-16 \*\*\*

사고발생내용2\_2 -5.505e+22 7.605e+07 -7.239e+14 <2e-16 \*\*\*

사고발생내용2\_3 -4.152e+23 9.610e+07 -4.320e+15 <2e-16 \*\*\*

사고발생내용2\_4 -4.744e+23 9.520e+07 -4.983e+15 <2e-16 \*\*\*

사고발생내용2\_10 NA NA NA NA

사고발생내용3\_0 2.563e+24 7.584e+07 3.380e+16 <2e-16 \*\*\*

사고발생내용3\_3 NA NA NA NA

`미충족의료 경험 유무\_1` 3.924e+21 3.408e+06 1.151e+15 <2e-16 \*\*\*

`미충족의료 경험 유무\_2` NA NA NA NA

`희귀난치성질환 여부\_1` 4.116e+23 6.743e+07 6.105e+15 <2e-16 \*\*\*

`희귀난치성질환 여부\_2` NA NA NA NA

`희귀난치성질환 등록 여부\_0` 4.529e+23 6.810e+07 6.651e+15 <2e-16 \*\*\*

`희귀난치성질환 등록 여부\_1` 4.526e+22 1.242e+07 3.643e+15 <2e-16 \*\*\*

`희귀난치성질환 등록 여부\_2` NA NA NA NA

`혈압약 복용 여부\_0` 1.270e+23 1.284e+07 9.889e+15 <2e-16 \*\*\*

`혈압약 복용 여부\_1` -2.846e+22 1.288e+07 -2.210e+15 <2e-16 \*\*\*

`혈압약 복용 여부\_2` NA NA NA NA

`혈당관리 치료 여부\_0` -8.797e+22 1.580e+07 -5.567e+15 <2e-16 \*\*\*

`혈당관리 치료 여부\_1` -1.898e+23 2.464e+07 -7.703e+15 <2e-16 \*\*\*

`혈당관리 치료 여부\_2` NA NA NA NA

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` 2.772e+23 1.135e+07 2.442e+16 <2e-16 \*\*\*

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` -7.792e+22 1.875e+07 -4.156e+15 <2e-16 \*\*\*

`혈당치료 - 당뇨병약\_2` NA NA NA NA

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` -1.557e+22 5.699e+06 -2.732e+15 <2e-16 \*\*\*

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` 3.402e+22 3.900e+07 8.722e+14 <2e-16 \*\*\*

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` 1.163e+21 1.131e+07 1.029e+14 <2e-16 \*\*\*

`우울증 치료 여부\_1` 1.022e+21 1.288e+07 7.933e+13 <2e-16 \*\*\*

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` -6.614e+21 1.229e+07 -5.383e+14 <2e-16 \*\*\*

`암 종류1\_1` -2.795e+21 2.096e+07 -1.334e+14 <2e-16 \*\*\*

`암 종류1\_2` 8.626e+21 2.152e+07 4.008e+14 <2e-16 \*\*\*

`암 종류1\_3` -2.474e+22 2.182e+07 -1.134e+15 <2e-16 \*\*\*

`암 종류1\_4` -1.220e+20 2.242e+07 -5.441e+12 <2e-16 \*\*\*

`암 종류1\_5` 2.869e+21 3.728e+07 7.695e+13 <2e-16 \*\*\*

`암 종류1\_6` 1.090e+22 2.470e+07 4.415e+14 <2e-16 \*\*\*

`암 종류1\_7` -3.356e+22 2.674e+07 -1.255e+15 <2e-16 \*\*\*

`암 종류1\_8` -4.782e+21 3.015e+07 -1.586e+14 <2e-16 \*\*\*

`암 종류1\_9` 1.399e+22 9.753e+07 1.434e+14 <2e-16 \*\*\*

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` 2.072e+22 4.177e+07 4.960e+14 <2e-16 \*\*\*

`암 종류2\_2` 4.389e+22 8.132e+07 5.397e+14 <2e-16 \*\*\*

`암 종류2\_3` 4.722e+22 7.979e+07 5.918e+14 <2e-16 \*\*\*

`암 종류2\_4` 2.657e+21 1.276e+08 2.081e+13 <2e-16 \*\*\*

`암 종류2\_6` 1.293e+22 7.972e+07 1.622e+14 <2e-16 \*\*\*

`암 종류2\_8` 1.059e+22 7.968e+07 1.329e+14 <2e-16 \*\*\*

`암 종류2\_9` 6.083e+22 8.136e+07 7.476e+14 <2e-16 \*\*\*

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` -1.566e+22 9.839e+07 -1.592e+14 <2e-16 \*\*\*

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` NA NA NA NA

`지난 2주간 아팠음 여부\_1` -1.320e+22 6.690e+06 -1.973e+15 <2e-16 \*\*\*

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` -1.073e+20 2.779e+07 -3.862e+12 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_2` 1.757e+19 1.609e+07 1.092e+12 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_3` -8.913e+18 1.386e+07 -6.431e+11 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_4` 4.546e+20 2.071e+07 2.195e+13 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_5` 9.138e+19 1.341e+07 6.815e+12 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_6` 1.784e+20 3.385e+07 5.271e+12 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_7` -3.778e+19 1.610e+07 -2.347e+12 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_8` -3.686e+20 4.764e+07 -7.737e+12 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_10` -4.268e+20 2.171e+07 -1.966e+13 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_12` -5.552e+20 2.397e+07 -2.316e+13 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_14` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 128315 on 2612 degrees of freedom

AIC: 128463

**> summary(glm(c1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=c1))**

Call:glm(formula = c1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = c1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.3551 -0.3487 -0.2475 -0.1616 3.1299

Coefficients: (64 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -3.72221 2.03595 -1.828 0.0675 .

`물리치료-이용여부\_1` -0.23292 0.21561 -1.080 0.2800

`물리치료-이용여부\_2` NA NA NA NA

`작업치료-이용여부\_1` 1.17543 1.00021 1.175 0.2399

`작업치료-이용여부\_2` NA NA NA NA

`언어치료-이용여부\_1` -15.32358 4173.48136 -0.004 0.9971

`언어치료-이용여부\_2` NA NA NA NA

`음악치료-이용여부\_1` 35.32348 9370.85379 0.004 0.9970

`음악치료-이용여부\_2` NA NA NA NA

`놀이치료-이용여부\_1` -1.87501 6545.70210 0.000 0.9998

`놀이치료-이용여부\_2` NA NA NA NA

`미술치료-이용여부\_2` NA NA NA NA

`심리행동치료-이용여부\_1` -15.86050 4295.41698 -0.004 0.9971

`심리행동치료-이용여부\_2` NA NA NA NA

`기타-이용여부\_1` 1.88854 1.15793 1.631 0.1029

`기타-이용여부\_2` NA NA NA NA

`흡연 여부\_1` 0.24187 0.34966 0.692 0.4891

`흡연 여부\_2` -15.21536 772.66314 -0.020 0.9843

`흡연 여부\_3` 0.34852 0.22665 1.538 0.1241

`흡연 여부\_4` NA NA NA NA

`최근 1년간 금연시도\_0` NA NA NA NA

`최근 1년간 금연시도\_1` 0.16368 0.38363 0.427 0.6696

`최근 1년간 금연시도\_2` NA NA NA NA

`흡연예방교육 여부\_1` 0.74283 0.60433 1.229 0.2190

`흡연예방교육 여부\_2` NA NA NA NA

음주횟수\_1 1.38063 0.88412 1.562 0.1184

음주횟수\_2 -0.22154 0.74026 -0.299 0.7647

음주횟수\_3 0.20352 0.76465 0.266 0.7901

음주횟수\_4 0.94912 0.61605 1.541 0.1234

음주횟수\_5 0.48931 0.63964 0.765 0.4443

음주횟수\_6 NA NA NA NA

평균음주량\_0 NA NA NA NA

평균음주량\_1 0.96083 0.81122 1.184 0.2362

평균음주량\_2 0.26308 0.85037 0.309 0.7570

평균음주량\_3 0.98430 0.88897 1.107 0.2682

평균음주량\_4 0.02495 0.87784 0.028 0.9773

평균음주량\_5 NA NA NA NA

건강관리운동\_1 0.68147 1.11046 0.614 0.5394

건강관리운동\_2 NA NA NA NA

`운동 주기\_0` NA NA NA NA

`운동 주기\_1` -0.50054 1.11108 -0.450 0.6524

`운동 주기\_2` -1.09194 1.14096 -0.957 0.3385

`운동 주기\_3` -0.94555 1.17281 -0.806 0.4201

`운동 주기\_4` -1.27943 1.33188 -0.961 0.3367

`운동 주기\_5` 0.42863 1.23214 0.348 0.7279

`운동 주기\_6` NA NA NA NA

`재활운동체육 필요여부\_1` -15.73702 1494.01759 -0.011 0.9916

`재활운동체육 필요여부\_2` -15.44938 1494.01756 -0.010 0.9917

`재활운동체육 필요여부\_3` -16.01907 1494.01760 -0.011 0.9914

`재활운동체육 필요여부\_4` NA NA NA NA

`장애인 체육지도자 필요여부\_1` 16.55074 1494.01722 0.011 0.9912

`장애인 체육지도자 필요여부\_2` 16.02069 1494.01719 0.011 0.9914

`장애인 체육지도자 필요여부\_3` 16.34894 1494.01720 0.011 0.9913

`장애인 체육지도자 필요여부\_4` NA NA NA NA

`일정한 시간에 식사여부\_1` 0.26265 0.42146 0.623 0.5332

`일정한 시간에 식사여부\_2` 0.39121 0.43506 0.899 0.3685

`일정한 시간에 식사여부\_3` NA NA NA NA

`고른 식품 섭취여부\_1` 0.07265 0.31870 0.228 0.8197

`고른 식품 섭취여부\_2` 0.06572 0.27960 0.235 0.8142

`고른 식품 섭취여부\_3` NA NA NA NA

`음식물 씹는데 불편감 여부\_1` -0.14644 0.45706 -0.320 0.7487

`음식물 씹는데 불편감 여부\_2` -0.05002 0.36830 -0.136 0.8920

`음식물 씹는데 불편감 여부\_3` 0.16897 0.38776 0.436 0.6630

`음식물 씹는데 불편감 여부\_4` -0.41748 0.40132 -1.040 0.2982

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -0.83455 0.57808 -1.444 0.1488

`본인 체형 평가\_2` -0.25337 0.44064 -0.575 0.5653

`본인 체형 평가\_3` -0.35098 0.41895 -0.838 0.4022

`본인 체형 평가\_4` -0.54037 0.43390 -1.245 0.2130

`본인 체형 평가\_5` NA NA NA NA

`일상생활 중 스트레스정도\_1` -0.17594 0.68670 -0.256 0.7978

`일상생활 중 스트레스정도\_2` 0.49575 0.64487 0.769 0.4420

`일상생활 중 스트레스정도\_3` 0.25136 0.65977 0.381 0.7032

`일상생활 중 스트레스정도\_4` 0.16159 0.66405 0.243 0.8077

`일상생활 중 스트레스정도\_5` NA NA NA NA

`슬프거나 절망감\_1` -0.08079 0.28710 -0.281 0.7784

`슬프거나 절망감\_2` NA NA NA NA

`자살 생각 여부\_1` 0.20869 0.30140 0.692 0.4887

`자살 생각 여부\_2` NA NA NA NA

`자살 시도 여부\_1` 0.48176 0.72505 0.664 0.5064

`자살 시도 여부\_2` NA NA NA NA

`EQ-5D (운동능력)\_0` -15.90876 6522.63867 -0.002 0.9981

`EQ-5D (운동능력)\_1` -0.13229 0.67907 -0.195 0.8455

`EQ-5D (운동능력)\_2` 0.38104 0.62568 0.609 0.5425

`EQ-5D (운동능력)\_3` NA NA NA NA

`EQ-5D (자기관리)\_0` NA NA NA NA

`EQ-5D (자기관리)\_1` -1.67174 0.66734 -2.505 0.0122 \*

`EQ-5D (자기관리)\_2` -0.41894 0.64102 -0.654 0.5134

`EQ-5D (자기관리)\_3` NA NA NA NA

`EQ-5D (일상활동)\_0` NA NA NA NA

`EQ-5D (일상활동)\_1` -0.13923 0.77458 -0.180 0.8573

`EQ-5D (일상활동)\_2` -0.26947 0.72530 -0.372 0.7102

`EQ-5D (일상활동)\_3` NA NA NA NA

`EQ-5D (통증/불편)\_0` NA NA NA NA

`EQ-5D (통증/불편)\_1` 0.25258 0.41093 0.615 0.5388

`EQ-5D (통증/불편)\_2` 0.20060 0.30458 0.659 0.5101

`EQ-5D (통증/불편)\_3` NA NA NA NA

`EQ-5D (불안/우울)\_0` NA NA NA NA

`EQ-5D (불안/우울)\_1` -0.30966 0.52586 -0.589 0.5560

`EQ-5D (불안/우울)\_2` -0.35596 0.48620 -0.732 0.4641

`EQ-5D (불안/우울)\_3` NA NA NA NA

`건강관련서비스 이용여부\_1` -16.53390 549.00121 -0.030 0.9760

`건강관련서비스 이용여부\_2` NA NA NA NA

`1)이용\_건강상태평가관리\_0` NA NA NA NA

`1)이용\_건강상태평가관리\_1` -0.29790 0.19012 -1.567 0.1171

`1)이용\_건강상태평가관리\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 15.66925 548.99986 0.029 0.9772

`2)이용\_만성질환관리\_2` NA NA NA NA

`3)이용\_장애관리\_재활\_0` NA NA NA NA

`3)이용\_장애관리\_재활\_1` -0.14429 0.20783 -0.694 0.4875

`3)이용\_장애관리\_재활\_2` NA NA NA NA

`4)이용\_ 건강검진\_0` NA NA NA NA

`4)이용\_ 건강검진\_1` 0.12921 0.23190 0.557 0.5774

`4)이용\_ 건강검진\_2` NA NA NA NA

`5)이용\_예방접종\_0` NA NA NA NA

`5)이용\_예방접종\_1` 0.51871 0.27475 1.888 0.0590 .

`5)이용\_예방접종\_2` NA NA NA NA

`6)이용\_건강교육\_교실\_0` NA NA NA NA

`6)이용\_건강교육\_교실\_1` -0.02498 0.52687 -0.047 0.9622

`6)이용\_건강교육\_교실\_2` NA NA NA NA

`7)이용\_일반진료\_0` NA NA NA NA

`7)이용\_일반진료\_1` 0.74703 0.61650 1.212 0.2256

`7)이용\_일반진료\_2` NA NA NA NA

`8)이용\_방문보건\_0` NA NA NA NA

`8)이용\_방문보건\_1` 0.18110 0.43986 0.412 0.6805

`8)이용\_방문보건\_2` NA NA NA NA

`9)이용\_구강보건\_0` NA NA NA NA

`9)이용\_구강보건\_1` -0.25618 0.20497 -1.250 0.2114

`9)이용\_구강보건\_2` NA NA NA NA

`10)이용\_정신보건\_0` NA NA NA NA

`10)이용\_정신보건\_1` -0.01013 0.41064 -0.025 0.9803

`10)이용\_정신보건\_2` NA NA NA NA

`11)이용\_기타\_0` NA NA NA NA

`11)이용\_기타\_1` -15.06255 3501.36767 -0.004 0.9966

`11)이용\_기타\_2` NA NA NA NA

`건강주치의 필요\_1` -0.09374 0.62442 -0.150 0.8807

`건강주치의 필요\_2` NA NA NA NA

건강주치의\_필요서비스1\_0 NA NA NA NA

건강주치의\_필요서비스1\_1 -0.01276 0.56699 -0.023 0.9820

건강주치의\_필요서비스1\_2 0.23266 0.54004 0.431 0.6666

건강주치의\_필요서비스1\_3 0.12606 0.55684 0.226 0.8209

건강주치의\_필요서비스1\_4 -0.15978 0.90095 -0.177 0.8592

건강주치의\_필요서비스1\_5 -14.88174 1556.23569 -0.010 0.9924

건강주치의\_필요서비스1\_6 NA NA NA NA

건강주치의\_필요서비스2\_0 0.15407 0.54583 0.282 0.7777

건강주치의\_필요서비스2\_1 0.21431 0.44052 0.486 0.6266

건강주치의\_필요서비스2\_2 0.10060 0.43912 0.229 0.8188

건강주치의\_필요서비스2\_3 -0.25794 0.45342 -0.569 0.5694

건강주치의\_필요서비스2\_4 -0.29188 0.52664 -0.554 0.5794

건강주치의\_필요서비스2\_5 -0.30715 0.81443 -0.377 0.7061

건강주치의\_필요서비스2\_6 NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1139.98 on 2685 degrees of freedom

Residual deviance: 975.56 on 2598 degrees of freedom

AIC: 1151.6

**> summary(glm(d1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=d1))**

Call:glm(formula = d1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = d1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.9224 -0.2808 -0.2486 -0.2486 3.1391

Coefficients: (30 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) 5.079e+11 2.104e+12 0.241 0.80922

`ADL - 옷 갈아입기\_1` -6.825e-01 2.130e+00 -0.320 0.74864

`ADL - 옷 갈아입기\_2` -8.456e-01 2.098e+00 -0.403 0.68691

`ADL - 옷 갈아입기\_3` -2.580e-01 2.060e+00 -0.125 0.90033

`ADL - 옷 갈아입기\_4` NA NA NA NA

`ADL <U+2013>목욕하기\_1` 1.114e+00 1.549e+00 0.719 0.47226

`ADL <U+2013>목욕하기\_2` 1.655e+00 1.520e+00 1.089 0.27625

`ADL <U+2013>목욕하기\_3` 1.214e+00 1.415e+00 0.858 0.39076

`ADL <U+2013>목욕하기\_4` NA NA NA NA

`ADL - 구강청결\_1` 5.853e+00 2.859e+00 2.048 0.04060 \*

`ADL - 구강청결\_2` 6.530e+00 2.776e+00 2.352 0.01868 \*

`ADL - 구강청결\_3` 6.494e+00 2.978e+00 2.181 0.02921 \*

`ADL - 구강청결\_4` NA NA NA NA

`ADL <U+2013>음식물 넘기기\_1` -1.595e+01 1.264e+03 -0.013 0.98994

`ADL <U+2013>음식물 넘기기\_2` -1.288e+01 1.264e+03 -0.010 0.99187

`ADL <U+2013>음식물 넘기기\_3` -2.521e+01 1.267e+03 -0.020 0.98413

`ADL <U+2013>음식물 넘기기\_4` NA NA NA NA

`ADL - 식사하기\_1` -7.970e+00 3.792e+00 -2.102 0.03559 \*

`ADL - 식사하기\_2` -6.735e+00 3.707e+00 -1.817 0.06925 .

`ADL - 식사하기\_3` -6.570e+00 4.030e+00 -1.630 0.10307

`ADL - 식사하기\_4` NA NA NA NA

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_1` 1.500e+01 1.264e+03 0.012 0.99053

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_2` 1.402e+01 1.264e+03 0.011 0.99115

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_3` 1.623e+01 1.264e+03 0.013 0.98976

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_4` NA NA NA NA

`ADL - 옮겨앉기\_1` -5.493e-01 3.271e+00 -0.168 0.86663

`ADL - 옮겨앉기\_2` -9.229e-01 3.256e+00 -0.283 0.77683

`ADL - 옮겨앉기\_3` -6.401e-01 2.947e+00 -0.217 0.82805

`ADL - 옮겨앉기\_4` NA NA NA NA

`ADL - 앉은자세유지\_1` 2.264e+00 2.959e+00 0.765 0.44420

`ADL - 앉은자세유지\_2` 2.761e+00 2.949e+00 0.936 0.34911

`ADL - 앉은자세유지\_3` -1.259e+00 3.009e+00 -0.418 0.67563

`ADL - 앉은자세유지\_4` NA NA NA NA

`ADL - 보행\_1` -1.473e+00 1.175e+00 -1.253 0.21028

`ADL - 보행\_2` -7.511e-01 1.130e+00 -0.665 0.50610

`ADL - 보행\_3` 7.696e-01 1.020e+00 0.755 0.45049

`ADL - 보행\_4` NA NA NA NA

`ADL - 이동\_1` -5.771e-01 1.220e+00 -0.473 0.63608

`ADL - 이동\_2` -4.155e-01 1.165e+00 -0.357 0.72142

`ADL - 이동\_3` -1.044e+00 1.022e+00 -1.021 0.30728

`ADL - 이동\_4` NA NA NA NA

`ADL<U+2013> 배변\_1` 2.401e+01 2.800e+04 0.001 0.99932

`ADL<U+2013> 배변\_2` 2.128e+01 2.800e+04 0.001 0.99939

`ADL<U+2013> 배변\_3` 2.410e+01 2.800e+04 0.001 0.99931

`ADL<U+2013> 배변\_4` NA NA NA NA

`ADL - 배뇨\_1` -2.020e+01 2.800e+04 -0.001 0.99942

`ADL - 배뇨\_2` -1.999e+01 2.800e+04 -0.001 0.99943

`ADL - 배뇨\_3` -1.927e+01 2.800e+04 -0.001 0.99945

`ADL - 배뇨\_4` NA NA NA NA

`ADL - 전화사용하기\_1` -1.240e+00 1.148e+00 -1.080 0.28003

`ADL - 전화사용하기\_2` -9.558e-01 1.146e+00 -0.834 0.40442

`ADL - 전화사용하기\_3` -4.272e-02 1.145e+00 -0.037 0.97024

`ADL - 전화사용하기\_4` NA NA NA NA

`ADL - 물건사기\_1` -7.843e-01 1.167e+00 -0.672 0.50141

`ADL - 물건사기\_2` -4.216e-01 1.159e+00 -0.364 0.71592

`ADL - 물건사기\_3` -7.975e-01 1.129e+00 -0.706 0.48010

`ADL - 물건사기\_4` NA NA NA NA

`ADL - 식사준비\_0` -1.870e+01 1.160e+03 -0.016 0.98713

`ADL - 식사준비\_1` -1.383e+00 1.482e+00 -0.933 0.35057

`ADL - 식사준비\_2` -7.519e-01 1.445e+00 -0.520 0.60273

`ADL - 식사준비\_3` 5.326e-02 1.329e+00 0.040 0.96803

`ADL - 식사준비\_4` NA NA NA NA

`ADL - 청소\_0` NA NA NA NA

`ADL - 청소\_1` 4.817e-01 1.773e+00 0.272 0.78587

`ADL - 청소\_2` 1.079e+00 1.726e+00 0.625 0.53171

`ADL - 청소\_3` -4.194e-01 1.594e+00 -0.263 0.79245

`ADL - 청소\_4` NA NA NA NA

`ADL<U+2013> 빨래하기\_0` NA NA NA NA

`ADL<U+2013> 빨래하기\_1` -2.405e+00 1.578e+00 -1.525 0.12735

`ADL<U+2013> 빨래하기\_2` -2.775e+00 1.561e+00 -1.778 0.07549 .

`ADL<U+2013> 빨래하기\_3` -1.414e+00 1.404e+00 -1.007 0.31399

`ADL<U+2013> 빨래하기\_4` NA NA NA NA

`ADL <U+2013>약 챙겨먹기\_0` NA NA NA NA

`ADL <U+2013>약 챙겨먹기\_1` -3.948e+00 2.449e+00 -1.612 0.10697

`ADL <U+2013>약 챙겨먹기\_2` -3.836e+00 2.404e+00 -1.595 0.11062

`ADL <U+2013>약 챙겨먹기\_3` -3.222e+00 2.181e+00 -1.477 0.13961

`ADL <U+2013>약 챙겨먹기\_4` NA NA NA NA

`ADL - 금전관리\_1` -1.905e-01 1.269e+00 -0.150 0.88067

`ADL - 금전관리\_2` 1.396e-01 1.259e+00 0.111 0.91168

`ADL - 금전관리\_3` 4.933e-01 1.252e+00 0.394 0.69366

`ADL - 금전관리\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 2.909e+00 9.712e-01 2.995 0.00274 \*\*

`IADL<U+2013>대중교통수단 이용\_2` 2.820e+00 9.238e-01 3.053 0.00227 \*\*

`IADL<U+2013>대중교통수단 이용\_3` 1.770e+00 7.969e-01 2.222 0.02631 \*

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`일상생활시 남의도움 정도\_1` 3.098e+00 1.621e+00 1.911 0.05602 .

`일상생활시 남의도움 정도\_2` 2.803e+00 1.571e+00 1.785 0.07429 .

`일상생활시 남의도움 정도\_3` 2.913e+00 1.528e+00 1.906 0.05660 .

`일상생활시 남의도움 정도\_4` 2.457e+00 1.371e+00 1.792 0.07310 .

`일상생활시 남의도움 정도\_5` NA NA NA NA

`현재 일상생활 도와주는 이\\r\\n유무\_0` NA NA NA NA

`현재 일상생활 도와주는 이\\r\\n유무\_1` -2.261e+01 3.134e+05 0.000 0.99994

`현재 일상생활 도와주는 이\\r\\n유무\_2` NA NA NA NA

`주로 도와주는 사람\_0` -5.079e+11 2.104e+12 -0.241 0.80922

`주로 도와주는 사람\_1` -1.225e-01 1.303e+00 -0.094 0.92511

`주로 도와주는 사람\_2` -1.456e-01 1.495e+00 -0.097 0.92242

`주로 도와주는 사람\_3` -7.972e-01 1.264e+00 -0.631 0.52820

`주로 도와주는 사람\_4` 9.640e-01 1.413e+00 0.682 0.49521

`주로 도와주는 사람\_6` -2.403e+01 1.348e+05 0.000 0.99986

`주로 도와주는 사람\_7` -2.467e+01 2.409e+05 0.000 0.99992

`주로 도와주는 사람\_8` -2.253e+01 3.307e+05 0.000 0.99995

`주로 도와주는 사람\_9` -2.185e+01 2.245e+05 0.000 0.99992

`주로 도와주는 사람\_10` -4.937e-01 1.635e+00 -0.302 0.76264

`주로 도와주는 사람\_11` -3.902e+01 5.263e+04 -0.001 0.99941

`주로 도와주는 사람\_12` -1.039e+00 1.782e+00 -0.583 0.55961

`주로 도와주는 사람\_13` -1.067e+00 1.857e+00 -0.575 0.56537

`주로 도와주는 사람\_14` -4.081e-01 1.259e+00 -0.324 0.74591

`주로 도와주는 사람\_15` NA NA NA NA

동거여부\_0 NA NA NA NA

동거여부\_1 -8.151e-01 5.665e-01 -1.439 0.15020

동거여부\_2 NA NA NA NA

`도움 계속 필요 여부\_0` NA NA NA NA

`도움 계속 필요 여부\_1` -5.079e+11 2.104e+12 -0.241 0.80922

`도움 계속 필요 여부\_2` -4.504e+15 2.104e+12 -2141.064 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1139.98 on 2685 degrees of freedom

Residual deviance: 946.55 on 2602 degrees of freedom

AIC: 1114.6

**> summary(glm(e1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=e1))**

Call:glm(formula = e1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = e1)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (64 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.808e+15 1.776e+06 -1.582e+09 <2e-16 \*\*\*

`상지의지-필요\_1` -2.046e+15 2.209e+07 -9.263e+07 <2e-16 \*\*\*

`상지의지-필요\_2` NA NA NA NA

`상지의지-소지\_1` 5.033e+14 2.500e+07 2.013e+07 <2e-16 \*\*\*

`상지의지-소지\_2` NA NA NA NA

`상지의지-사용\_0` NA NA NA NA

`상지의지-사용\_1` 8.000e+14 2.351e+07 3.403e+07 <2e-16 \*\*\*

`상지의지-사용\_2` NA NA NA NA

`하지의지-필요\_1` -3.555e+15 2.820e+07 -1.260e+08 <2e-16 \*\*\*

`하지의지-필요\_2` NA NA NA NA

`하지의지-소지\_1` 3.854e+15 5.001e+07 7.707e+07 <2e-16 \*\*\*

`하지의지-소지\_2` NA NA NA NA

`하지의지-사용\_0` NA NA NA NA

`하지의지-사용\_1` 2.434e+14 4.341e+07 5.608e+06 <2e-16 \*\*\*

`하지의지-사용\_2` NA NA NA NA

`척추보조기-필요\_1` 1.050e+15 7.343e+06 1.430e+08 <2e-16 \*\*\*

`척추보조기-필요\_2` NA NA NA NA

`척추보조기-소지\_1` -6.510e+14 7.651e+06 -8.509e+07 <2e-16 \*\*\*

`척추보조기-소지\_2` NA NA NA NA

`척추보조기-사용\_0` NA NA NA NA

`척추보조기-사용\_1` 5.821e+13 1.017e+07 5.724e+06 <2e-16 \*\*\*

`척추보조기-사용\_2` NA NA NA NA

`상지보조기-필요\_1` 1.715e+15 1.919e+07 8.938e+07 <2e-16 \*\*\*

`상지보조기-필요\_2` NA NA NA NA

`상지보조기-소지\_1` -6.210e+14 2.334e+07 -2.661e+07 <2e-16 \*\*\*

`상지보조기-소지\_2` NA NA NA NA

`상지보조기-사용\_0` NA NA NA NA

`상지보조기-사용\_1` -6.154e+14 3.488e+07 -1.764e+07 <2e-16 \*\*\*

`상지보조기-사용\_2` NA NA NA NA

`하지보조기-필요\_1` 2.043e+14 1.397e+07 1.463e+07 <2e-16 \*\*\*

`하지보조기-필요\_2` NA NA NA NA

`하지보조기-소지\_1` -8.541e+14 1.490e+07 -5.734e+07 <2e-16 \*\*\*

`하지보조기-소지\_2` NA NA NA NA

`하지보조기-사용\_0` NA NA NA NA

`하지보조기-사용\_1` 7.923e+14 2.007e+07 3.948e+07 <2e-16 \*\*\*

`하지보조기-사용\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 4.716e+14 1.427e+07 3.306e+07 <2e-16 \*\*\*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`맞춤형 교정용신발-소지\_1` -8.714e+14 2.138e+07 -4.075e+07 <2e-16 \*\*\*

`맞춤형 교정용신발-소지\_2` NA NA NA NA

`맞춤형 교정용신발-사용\_0` NA NA NA NA

`맞춤형 교정용신발-사용\_1` 8.010e+14 2.485e+07 3.223e+07 <2e-16 \*\*\*

`맞춤형 교정용신발-사용\_2` NA NA NA NA

`지팡이-필요\_1` -1.036e+15 6.565e+06 -1.578e+08 <2e-16 \*\*\*

`지팡이-필요\_2` NA NA NA NA

`지팡이-소지\_1` 7.237e+14 6.660e+06 1.087e+08 <2e-16 \*\*\*

`지팡이-소지\_2` NA NA NA NA

`지팡이-사용\_0` NA NA NA NA

`지팡이-사용\_1` 2.269e+15 6.593e+06 3.442e+08 <2e-16 \*\*\*

`지팡이-사용\_2` NA NA NA NA

`목발-필요\_1` 1.682e+15 1.437e+07 1.171e+08 <2e-16 \*\*\*

`목발-필요\_2` NA NA NA NA

`목발-소지\_1` -7.695e+14 1.009e+07 -7.627e+07 <2e-16 \*\*\*

`목발-소지\_2` NA NA NA NA

`목발-사용\_0` NA NA NA NA

`목발-사용\_1` -1.286e+15 1.468e+07 -8.761e+07 <2e-16 \*\*\*

`목발-사용\_2` NA NA NA NA

`보행기-필요\_1` -7.823e+14 7.554e+06 -1.036e+08 <2e-16 \*\*\*

`보행기-필요\_2` NA NA NA NA

`보행기-소지\_1` 5.993e+13 1.198e+07 5.003e+06 <2e-16 \*\*\*

`보행기-소지\_2` NA NA NA NA

`보행기-사용\_0` NA NA NA NA

`보행기-사용\_1` 9.464e+13 1.185e+07 7.987e+06 <2e-16 \*\*\*

`보행기-사용\_2` NA NA NA NA

`전동휠체어-필요\_1` -1.279e+14 6.724e+06 -1.902e+07 <2e-16 \*\*\*

`전동휠체어-필요\_2` NA NA NA NA

`전동휠체어-소지\_1` -7.740e+13 2.248e+07 -3.442e+06 <2e-16 \*\*\*

`전동휠체어-소지\_2` NA NA NA NA

`전동휠체어-사용\_0` NA NA NA NA

`전동휠체어-사용\_1` 4.480e+14 2.286e+07 1.960e+07 <2e-16 \*\*\*

`전동휠체어-사용\_2` NA NA NA NA

`수동휠체어-필요\_1` -4.126e+14 1.166e+07 -3.539e+07 <2e-16 \*\*\*

`수동휠체어-필요\_2` NA NA NA NA

`수동휠체어-소지\_1` -1.082e+14 1.558e+07 -6.944e+06 <2e-16 \*\*\*

`수동휠체어-소지\_2` NA NA NA NA

`수동휠체어-사용\_0` NA NA NA NA

`수동휠체어-사용\_1` 1.328e+15 1.684e+07 7.883e+07 <2e-16 \*\*\*

`수동휠체어-사용\_2` NA NA NA NA

`전동스쿠터-필요\_1` -2.874e+14 6.364e+06 -4.516e+07 <2e-16 \*\*\*

`전동스쿠터-필요\_2` NA NA NA NA

`전동스쿠터-소지\_1` -2.266e+14 2.234e+07 -1.014e+07 <2e-16 \*\*\*

`전동스쿠터-소지\_2` NA NA NA NA

`전동스쿠터-사용\_0` NA NA NA NA

`전동스쿠터-사용\_1` 1.054e+15 2.284e+07 4.616e+07 <2e-16 \*\*\*

`전동스쿠터-사용\_2` NA NA NA NA

`자세보조용구-필요\_1` -2.442e+14 1.122e+07 -2.177e+07 <2e-16 \*\*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -1.739e+15 3.775e+07 -4.607e+07 <2e-16 \*\*\*

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -3.638e+14 5.380e+07 -6.762e+06 <2e-16 \*\*\*

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-필요\_1` -2.313e+14 1.183e+07 -1.954e+07 <2e-16 \*\*\*

`상하지운동기구-필요\_2` NA NA NA NA

`상하지운동기구-소지\_1` -5.815e+14 5.849e+07 -9.942e+06 <2e-16 \*\*\*

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` 1.003e+15 6.092e+07 1.647e+07 <2e-16 \*\*\*

`상하지운동기구-사용\_2` NA NA NA NA

`팔받침대-필요\_1` 1.757e+15 2.155e+07 8.154e+07 <2e-16 \*\*\*

`팔받침대-필요\_2` NA NA NA NA

`팔받침대-소지\_1` -1.534e+15 5.778e+07 -2.654e+07 <2e-16 \*\*\*

`팔받침대-소지\_2` NA NA NA NA

`팔받침대-사용\_0` NA NA NA NA

`팔받침대-사용\_1` -3.910e+15 7.749e+07 -5.047e+07 <2e-16 \*\*\*

`팔받침대-사용\_2` NA NA NA NA

`기타-필요...459\_1` -7.123e+14 1.896e+07 -3.756e+07 <2e-16 \*\*\*

`기타-필요...459\_2` NA NA NA NA

`기타-소지...460\_1` -1.766e+15 3.413e+07 -5.175e+07 <2e-16 \*\*\*

`기타-소지...460\_2` NA NA NA NA

`기타-사용...461\_0` NA NA NA NA

`기타-사용...461\_1` 2.784e+15 3.694e+07 7.538e+07 <2e-16 \*\*\*

`기타-사용...461\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 11246 on 2637 degrees of freedom

AIC: 11344

**> summary(glm(g1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=g1))**

Call:glm(formula = g1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = g1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.4176 -0.3656 -0.3066 -0.2193 2.7749

Coefficients: (39 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -3.055e+00 1.165e+00 -2.621 0.00876 \*\*

`경보시스템-필요\_1` 1.187e-01 4.857e-01 0.244 0.80687

`경보시스템-필요\_2` NA NA NA NA

`경보시스템-소지\_1` -1.559e+14 6.847e+14 -0.228 0.81987

`경보시스템-소지\_2` NA NA NA NA

`경보시스템-사용\_0` NA NA NA NA

`경보시스템-사용\_1` 1.559e+14 6.847e+14 0.228 0.81987

`경보시스템-사용\_2` 1.559e+14 6.847e+14 0.228 0.81987

`고용/직업훈련용보조기구-필요\_2` NA NA NA NA

`고용/직업훈련용보조기구-소지\_2` NA NA NA NA

`고용/직업훈련용보조기구-사용\_0` NA NA NA NA

`레크레이션용보조기구-필요\_1` -7.132e+03 6.711e+07 0.000 0.99992

`레크레이션용보조기구-필요\_2` NA NA NA NA

`레크레이션용보조기구-소지\_2` NA NA NA NA

`레크레이션용보조기구-사용\_0` NA NA NA NA

`배회감지기-필요\_1` -5.791e+01 2.740e+07 0.000 1.00000

`배회감지기-필요\_2` NA NA NA NA

`배회감지기-소지\_2` NA NA NA NA

`배회감지기-사용\_0` NA NA NA NA

`안전손잡이-필요\_1` 4.735e-01 2.762e-01 1.714 0.08646 .

`안전손잡이-필요\_2` NA NA NA NA

`안전손잡이-소지\_1` 6.403e+12 3.034e+13 0.211 0.83282

`안전손잡이-소지\_2` NA NA NA NA

`안전손잡이-사용\_0` NA NA NA NA

`안전손잡이-사용\_1` -6.403e+12 3.034e+13 -0.211 0.83282

`안전손잡이-사용\_2` -6.403e+12 3.034e+13 -0.211 0.83282

`음식,음료섭취용 보조기구-필요\_1` 9.875e-01 9.503e-01 1.039 0.29874

`음식,음료섭취용 보조기구-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 1.503e+00 1.738e+00 0.864 0.38738

`음식,음료섭취용 보조기구-소지\_2` NA NA NA NA

`음식,음료섭취용 보조기구-사용\_0` NA NA NA NA

`음식,음료섭취용 보조기구-사용\_1` NA NA NA NA

`기타-필요...666\_1` -2.271e+01 3.457e+05 0.000 0.99995

`기타-필요...666\_2` NA NA NA NA

`기타-소지...667\_1` -1.887e+00 4.371e+05 0.000 1.00000

`기타-소지...667\_2` NA NA NA NA

`기타-사용...668\_0` NA NA NA NA

`기타-사용...668\_1` NA NA NA NA

`산소발생기-필요...669\_1` -2.314e+01 1.977e+05 0.000 0.99991

`산소발생기-필요...669\_2` NA NA NA NA

`산소발생기-소지...670\_1` -8.270e-01 3.316e+05 0.000 1.00000

`산소발생기-소지...670\_2` NA NA NA NA

`산소발생기-사용...671\_0` NA NA NA NA

`산소발생기-사용...671\_1` NA NA NA NA

`인공호흡기-필요...672\_1` 8.703e-01 4.364e+05 0.000 1.00000

`인공호흡기-필요...672\_2` NA NA NA NA

`인공호흡기-소지...673\_1` -2.414e+01 5.567e+05 0.000 0.99997

`인공호흡기-소지...673\_2` NA NA NA NA

`인공호흡기-사용...674\_0` NA NA NA NA

`인공호흡기-사용...674\_1` NA NA NA NA

사용빈도\_0 3.063e-01 1.167e+00 0.263 0.79292

사용빈도\_1 1.114e+00 1.044e+00 1.067 0.28613

사용빈도\_2 9.354e-01 1.085e+00 0.862 0.38859

사용빈도\_3 7.450e-01 1.126e+00 0.662 0.50804

사용빈도\_4 3.975e-01 1.258e+00 0.316 0.75194

사용빈도\_5 1.023e+00 1.197e+00 0.855 0.39268

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` 3.083e-01 5.930e-01 0.520 0.60310

`1일 이용시간\_2` -2.038e-01 5.620e-01 -0.363 0.71694

`1일 이용시간\_3` -3.939e-01 5.405e-01 -0.729 0.46608

`1일 이용시간\_4` -1.623e-01 5.802e-01 -0.280 0.77974

`1일 이용시간\_5` 1.203e-01 6.609e-01 0.182 0.85551

`1일 이용시간\_6` -6.337e-01 8.893e-01 -0.713 0.47614

`1일 이용시간\_7` -1.160e-01 7.876e-01 -0.147 0.88287

`1일 이용시간\_8` -4.975e-01 7.167e-01 -0.694 0.48760

`1일 이용시간\_9` NA NA NA NA

`이용경험-상담과 평가\_1` -1.153e-01 2.377e-01 -0.485 0.62768

`이용경험-상담과 평가\_2` NA NA NA NA

`휴대폰 사용 여부\_1` -1.589e-01 2.545e-01 -0.624 0.53237

`휴대폰 사용 여부\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -9.231e-01 3.292e-01 -2.804 0.00505 \*\*

`스마트폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` 8.204e-02 5.440e-01 0.151 0.88013

`검퓨터 사용 여부\_2` NA NA NA NA

`인터넷 사용 여부\_1` -1.266e-01 5.328e-01 -0.238 0.81218

`인터넷 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 1064 on 2648 degrees of freedom

AIC: 1140

**2차 시행**

**> summary(glm(a2$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=a2))**

Call:glm(formula = a2$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = a2)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (19 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -6.868e+15 5.948e+07 -115481358 <2e-16 \*\*\*

생년 -1.643e+15 1.568e+07 -104747909 <2e-16 \*\*\*

`장애등록 연도` 2.179e+14 7.503e+06 29045061 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 9.661e+14 2.677e+07 36094573 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -1.534e+14 1.097e+07 -13985232 <2e-16 \*\*\*

`월 평균 총가구소득` 8.293e+14 4.159e+07 19937718 <2e-16 \*\*\*

`가구 주된 수입원` -1.365e+14 4.674e+06 -29213494 <2e-16 \*\*\*

`가구 월평균 지출액` -1.331e+15 2.602e+07 -51160563 <2e-16 \*\*\*

`장애발생시 연령...36` 2.210e+14 1.196e+07 18482206 <2e-16 \*\*\*

`월 혈압약 일수` 9.502e+14 2.780e+06 341774003 <2e-16 \*\*\*

`관절통증 정도` -3.403e+13 4.460e+06 -7630250 <2e-16 \*\*\*

`운동 시간(분)` 1.041e+14 1.367e+07 7612122 <2e-16 \*\*\*

`키(센티)` 3.642e+13 9.185e+06 3965061 <2e-16 \*\*\*

`몸무게(kg)` -1.553e+15 6.539e+07 -23750746 <2e-16 \*\*\*

성별\_1 -1.117e+13 3.332e+06 -3353738 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 9.326e+14 1.180e+07 79017525 <2e-16 \*\*\*

장애등급...20\_2 3.387e+14 7.462e+06 45397840 <2e-16 \*\*\*

장애등급...20\_3 2.323e+14 5.110e+06 45467635 <2e-16 \*\*\*

장애등급...20\_4 1.503e+14 4.292e+06 35019996 <2e-16 \*\*\*

장애등급...20\_5 1.119e+14 3.491e+06 32055832 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.464e+15 5.059e+07 68469918 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 4.193e+15 5.337e+07 78572028 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.553e+15 5.097e+07 50082597 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 1.832e+15 5.691e+07 32194542 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 1.959e+15 5.195e+07 37717622 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 3.323e+15 5.091e+07 65260147 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 6.612e+14 6.133e+07 10780852 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 2.433e+15 5.194e+07 46833044 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 5.204e+15 8.631e+07 60290052 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 3.112e+15 5.274e+07 59013093 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 3.373e+15 5.141e+07 65596775 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 9.293e+14 5.339e+07 17405491 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.868e+15 5.175e+07 55419286 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 3.186e+15 5.185e+07 61445106 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.377e+15 5.070e+07 66607812 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` 6.260e+14 1.120e+07 55893900 <2e-16 \*\*\*

`장애부위(상지)...31\_1` -2.141e+14 1.012e+07 -21154601 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 3.368e+13 1.046e+07 3219917 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 1.889e+14 7.503e+06 25172507 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 1.010e+14 5.252e+06 19238415 <2e-16 \*\*\*

`장애부위(하지)...32\_2` -5.623e+13 5.372e+06 -10466763 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 3.290e+14 6.646e+06 49506278 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -1.018e+15 4.400e+07 -23144889 <2e-16 \*\*\*

`가장 불편한부위\_12` -1.024e+15 3.932e+07 -26032561 <2e-16 \*\*\*

`가장 불편한부위\_13` 1.263e+15 3.842e+07 32879528 <2e-16 \*\*\*

`가장 불편한부위\_14` 2.567e+15 3.553e+07 72255721 <2e-16 \*\*\*

`가장 불편한부위\_15` 1.397e+15 5.936e+07 23527999 <2e-16 \*\*\*

`가장 불편한부위\_16` -8.293e+14 3.913e+07 -21193197 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.997e+15 3.653e+07 82042777 <2e-16 \*\*\*

`가장 불편한부위\_18` -9.458e+13 4.014e+07 -2356257 <2e-16 \*\*\*

`가장 불편한부위\_19` -1.184e+15 4.151e+07 -28531918 <2e-16 \*\*\*

`가장 불편한부위\_21` 3.516e+15 3.330e+07 105590492 <2e-16 \*\*\*

`가장 불편한부위\_22` 3.438e+15 4.118e+07 83481157 <2e-16 \*\*\*

`가장 불편한부위\_23` 2.841e+15 3.207e+07 88588796 <2e-16 \*\*\*

`가장 불편한부위\_24` 2.479e+15 3.225e+07 76886469 <2e-16 \*\*\*

`가장 불편한부위\_25` 4.240e+15 3.486e+07 121604507 <2e-16 \*\*\*

`가장 불편한부위\_26` 3.539e+15 3.582e+07 98805235 <2e-16 \*\*\*

`가장 불편한부위\_27` 1.966e+14 5.372e+07 3660446 <2e-16 \*\*\*

`가장 불편한부위\_31` 3.303e+15 3.308e+07 99847230 <2e-16 \*\*\*

`가장 불편한부위\_32` 3.769e+15 3.374e+07 111685840 <2e-16 \*\*\*

`가장 불편한부위\_33` 2.761e+14 3.445e+07 8014863 <2e-16 \*\*\*

`가장 불편한부위\_34` 2.146e+15 3.355e+07 63959032 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.727e+15 3.145e+07 86712508 <2e-16 \*\*\*

`가장 불편한부위\_36` 2.848e+15 3.142e+07 90658084 <2e-16 \*\*\*

`가장 불편한부위\_37` 1.282e+15 3.201e+07 40050517 <2e-16 \*\*\*

`가장 불편한부위\_38` 3.012e+15 3.111e+07 96794931 <2e-16 \*\*\*

`가장 불편한부위\_41` -5.036e+14 3.574e+07 -14092317 <2e-16 \*\*\*

`가장 불편한부위\_42` 2.075e+15 3.493e+07 59413569 <2e-16 \*\*\*

`가장 불편한부위\_43` 1.114e+14 3.372e+07 3303450 <2e-16 \*\*\*

`가장 불편한부위\_44` 1.726e+15 3.465e+07 49796399 <2e-16 \*\*\*

`가장 불편한부위\_45` 1.943e+15 3.350e+07 58005170 <2e-16 \*\*\*

`가장 불편한부위\_46` 2.705e+15 4.206e+07 64318389 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 1.337e+13 2.699e+07 495526 <2e-16 \*\*\*

장애발생시기...35\_2 4.154e+14 1.299e+07 31985745 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -3.177e+15 3.379e+07 -94032702 <2e-16 \*\*\*

`장애주된 원인\_14` -8.940e+14 3.221e+07 -27756826 <2e-16 \*\*\*

`장애주된 원인\_15` -3.393e+15 5.719e+07 -59329859 <2e-16 \*\*\*

`장애주된 원인\_17` -4.817e+15 3.159e+07 -152486425 <2e-16 \*\*\*

`장애주된 원인\_31` -3.583e+15 7.747e+07 -46251964 <2e-16 \*\*\*

`장애주된 원인\_40` -8.608e+15 1.054e+08 -81657933 <2e-16 \*\*\*

`장애주된 원인\_43` -3.465e+15 7.443e+07 -46553198 <2e-16 \*\*\*

`장애주된 원인\_46` -2.925e+15 4.139e+07 -70652297 <2e-16 \*\*\*

`장애주된 원인\_47` -6.063e+14 7.192e+07 -8429689 <2e-16 \*\*\*

`장애주된 원인\_48` -1.029e+15 2.373e+07 -43375838 <2e-16 \*\*\*

`장애주된 원인\_49` -4.616e+15 3.938e+07 -117221692 <2e-16 \*\*\*

`장애주된 원인\_50` -6.444e+15 7.295e+07 -88338509 <2e-16 \*\*\*

`장애주된 원인\_51` -2.631e+15 5.275e+07 -49886461 <2e-16 \*\*\*

`장애주된 원인\_60` -3.227e+15 3.604e+07 -89518459 <2e-16 \*\*\*

`장애주된 원인\_61` -1.944e+15 2.397e+07 -81131002 <2e-16 \*\*\*

`장애주된 원인\_62` -1.348e+15 2.376e+07 -56746417 <2e-16 \*\*\*

`장애주된 원인\_63` -1.141e+15 2.416e+07 -47210329 <2e-16 \*\*\*

`장애주된 원인\_64` -1.365e+15 2.485e+07 -54928168 <2e-16 \*\*\*

`장애주된 원인\_65` 5.994e+13 2.984e+07 2008735 <2e-16 \*\*\*

`장애주된 원인\_66` -1.182e+15 2.905e+07 -40674971 <2e-16 \*\*\*

`장애주된 원인\_67` 1.321e+14 4.176e+07 3164033 <2e-16 \*\*\*

`장애주된 원인\_68` -7.243e+14 2.717e+07 -26661640 <2e-16 \*\*\*

`장애주된 원인\_69` -9.812e+14 2.351e+07 -41741958 <2e-16 \*\*\*

`장애주된 원인\_70` -4.507e+15 7.127e+07 -63236993 <2e-16 \*\*\*

`장애주된 원인\_71` -3.654e+15 4.563e+07 -80087157 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 4.210e+15 1.061e+08 39690321 <2e-16 \*\*\*

질병명...38\_103 8.211e+15 1.068e+08 76867217 <2e-16 \*\*\*

질병명...38\_105 4.708e+15 1.214e+08 38767009 <2e-16 \*\*\*

질병명...38\_108 3.624e+15 1.248e+08 29041374 <2e-16 \*\*\*

질병명...38\_109 7.906e+15 1.044e+08 75725012 <2e-16 \*\*\*

질병명...38\_134 5.203e+14 1.001e+08 5199392 <2e-16 \*\*\*

질병명...38\_137 6.683e+15 8.666e+07 77119852 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 7.585e+14 4.255e+07 17823671 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 4.072e+14 8.525e+06 47762109 <2e-16 \*\*\*

질병명...38\_173 -1.661e+14 1.435e+07 -11573342 <2e-16 \*\*\*

질병명...38\_174 -3.392e+15 2.137e+07 -158697615 <2e-16 \*\*\*

질병명...38\_175 -4.248e+13 6.851e+06 -6200281 <2e-16 \*\*\*

질병명...38\_177 -3.211e+14 1.508e+07 -21302024 <2e-16 \*\*\*

질병명...38\_178 -3.219e+15 3.962e+07 -81234893 <2e-16 \*\*\*

질병명...38\_179 5.820e+14 4.097e+07 14206740 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 3.745e+15 4.328e+07 86529499 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 8.175e+15 9.668e+07 84557982 <2e-16 \*\*\*

질병명...38\_188 3.149e+15 7.274e+07 43296342 <2e-16 \*\*\*

질병명...38\_190 5.587e+15 7.676e+07 72779711 <2e-16 \*\*\*

질병명...38\_191 3.260e+15 8.824e+07 36944743 <2e-16 \*\*\*

질병명...38\_192 3.039e+15 7.585e+07 40063824 <2e-16 \*\*\*

질병명...38\_201 6.161e+15 7.312e+07 84267549 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 2.402e+14 3.818e+06 62910744 <2e-16 \*\*\*

산업재해인정여부...39\_1 2.187e+14 6.175e+06 35421093 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -7.605e+14 3.439e+07 -22116314 <2e-16 \*\*\*

`주된 진단명...40\_2` -3.692e+14 2.005e+07 -18419390 <2e-16 \*\*\*

`주된 진단명...40\_3` -1.483e+14 3.167e+07 -4681996 <2e-16 \*\*\*

`주된 진단명...40\_4` -2.165e+14 1.478e+07 -14649329 <2e-16 \*\*\*

`주된 진단명...40\_5` 1.155e+15 5.559e+07 20781558 <2e-16 \*\*\*

`주된 진단명...40\_6` -1.016e+15 1.092e+07 -93084416 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 3.376e+14 1.747e+07 19320898 <2e-16 \*\*\*

`주된 진단명...40\_9` -1.058e+15 2.243e+07 -47178969 <2e-16 \*\*\*

`주된 진단명...40\_10` 9.040e+13 1.562e+07 5786570 <2e-16 \*\*\*

`주된 진단명...40\_11` -4.751e+14 1.223e+07 -38841452 <2e-16 \*\*\*

`주된 진단명...40\_12` -4.541e+14 9.917e+06 -45792270 <2e-16 \*\*\*

`주된 진단명...40\_13` 5.252e+14 2.343e+07 22410091 <2e-16 \*\*\*

`주된 진단명...40\_14` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 13192 on 2551 degrees of freedom

AIC: 13462

**> summary(glm(b2$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=b2))**

Call:glm(formula = b2$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = b2)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (41 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -1.215e+16 1.839e+08 -66075651 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_1` -9.935e+14 4.840e+07 -20526995 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_2` -1.020e+15 4.844e+07 -21053588 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_3` -1.015e+15 4.856e+07 -20901498 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_4` -1.274e+15 4.994e+07 -25517201 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_5` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` 4.149e+13 7.962e+06 5210710 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_1` 1.937e+14 1.119e+07 17299139 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`현재 지속적 진료여부\_1` -3.380e+14 6.518e+06 -51856570 <2e-16 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -2.217e+15 3.069e+07 -72226118 <2e-16 \*\*\*

`주관적 건강 평가\_2` -6.308e+14 6.531e+06 -96591488 <2e-16 \*\*\*

`주관적 건강 평가\_3` -4.455e+14 5.192e+06 -85792464 <2e-16 \*\*\*

`주관적 건강 평가\_4` -8.574e+13 4.606e+06 -18616082 <2e-16 \*\*\*

`주관적 건강 평가\_5` NA NA NA NA

`건강검진 여부\_1` 1.565e+13 4.411e+06 3548879 <2e-16 \*\*\*

`건강검진 여부\_2` NA NA NA NA

`암검진 여부\_1` -1.574e+13 3.542e+06 -4442315 <2e-16 \*\*\*

`암검진 여부\_2` NA NA NA NA

`구강건강 검진 여부\_1` -7.997e+11 2.922e+06 -273723 <2e-16 \*\*\*

`구강건강 검진 여부\_2` NA NA NA NA

`인플루엔자 예방접종여부\_1` 1.028e+14 3.287e+06 31278949 <2e-16 \*\*\*

`인플루엔자 예방접종여부\_2` NA NA NA NA

`입원치료 여부\_1` 2.959e+11 3.407e+06 86834 <2e-16 \*\*\*

`입원치료 여부\_2` NA NA NA NA

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_1` 6.027e+13 3.022e+06 19941868 <2e-16 \*\*\*

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_2` NA NA NA NA

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_1` 4.200e+14 1.423e+07 29503600 <2e-16 \*\*\*

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_2` NA NA NA NA

사고발생내용1\_0 NA NA NA NA

사고발생내용1\_1 -6.209e+14 1.860e+07 -33380556 <2e-16 \*\*\*

사고발생내용1\_2 -6.397e+14 1.558e+07 -41057325 <2e-16 \*\*\*

사고발생내용1\_3 -7.335e+14 2.062e+07 -35573825 <2e-16 \*\*\*

사고발생내용1\_4 -2.990e+14 2.521e+07 -11859404 <2e-16 \*\*\*

사고발생내용1\_5 -4.427e+15 6.882e+07 -64330370 <2e-16 \*\*\*

사고발생내용1\_6 -4.786e+15 4.169e+07 -114803833 <2e-16 \*\*\*

사고발생내용1\_8 -1.987e+15 3.175e+07 -62576683 <2e-16 \*\*\*

사고발생내용1\_10 NA NA NA NA

사고발생내용2\_0 4.012e+15 6.875e+07 58359384 <2e-16 \*\*\*

사고발생내용2\_2 5.032e+15 7.640e+07 65865489 <2e-16 \*\*\*

사고발생내용2\_3 3.520e+14 9.632e+07 3654481 <2e-16 \*\*\*

사고발생내용2\_4 5.666e+14 9.538e+07 5940408 <2e-16 \*\*\*

사고발생내용2\_10 NA NA NA NA

사고발생내용3\_0 5.352e+15 7.601e+07 70401797 <2e-16 \*\*\*

사고발생내용3\_3 NA NA NA NA

`미충족의료 경험 유무\_1` -1.286e+14 3.429e+06 -37519677 <2e-16 \*\*\*

`미충족의료 경험 유무\_2` NA NA NA NA

`희귀난치성질환 여부\_1` -3.840e+15 6.744e+07 -56936517 <2e-16 \*\*\*

`희귀난치성질환 여부\_2` NA NA NA NA

`희귀난치성질환 등록 여부\_0` -3.688e+15 6.814e+07 -54130029 <2e-16 \*\*\*

`희귀난치성질환 등록 여부\_1` -7.610e+14 1.255e+07 -60627936 <2e-16 \*\*\*

`희귀난치성질환 등록 여부\_2` NA NA NA NA

`혈압약 복용 여부\_0` 2.682e+15 1.287e+07 208460314 <2e-16 \*\*\*

`혈압약 복용 여부\_1` 3.273e+15 1.292e+07 253386631 <2e-16 \*\*\*

`혈압약 복용 여부\_2` NA NA NA NA

`혈당관리 치료 여부\_0` 2.483e+15 1.582e+07 156937895 <2e-16 \*\*\*

`혈당관리 치료 여부\_1` 1.967e+15 2.469e+07 79668846 <2e-16 \*\*\*

`혈당관리 치료 여부\_2` NA NA NA NA

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` -7.442e+14 1.140e+07 -65306390 <2e-16 \*\*\*

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` 4.956e+14 1.882e+07 26328682 <2e-16 \*\*\*

`혈당치료 - 당뇨병약\_2` NA NA NA NA

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` -3.438e+13 5.714e+06 -6017316 <2e-16 \*\*\*

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` -2.454e+15 3.908e+07 -62799925 <2e-16 \*\*\*

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` 3.104e+14 1.138e+07 27284178 <2e-16 \*\*\*

`우울증 치료 여부\_1` 3.965e+14 1.294e+07 30626715 <2e-16 \*\*\*

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` 4.512e+14 1.235e+07 36522903 <2e-16 \*\*\*

`암 종류1\_1` -7.505e+14 2.100e+07 -35737328 <2e-16 \*\*\*

`암 종류1\_2` 6.973e+14 2.157e+07 32331111 <2e-16 \*\*\*

`암 종류1\_3` -1.920e+14 2.187e+07 -8779074 <2e-16 \*\*\*

`암 종류1\_4` -1.512e+15 2.254e+07 -67096459 <2e-16 \*\*\*

`암 종류1\_5` -1.474e+15 3.734e+07 -39467324 <2e-16 \*\*\*

`암 종류1\_6` -7.902e+14 2.479e+07 -31876220 <2e-16 \*\*\*

`암 종류1\_7` -4.549e+14 2.680e+07 -16974879 <2e-16 \*\*\*

`암 종류1\_8` 1.070e+15 3.019e+07 35431155 <2e-16 \*\*\*

`암 종류1\_9` 1.003e+14 9.763e+07 1027022 <2e-16 \*\*\*

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -1.396e+15 4.184e+07 -33362040 <2e-16 \*\*\*

`암 종류2\_2` 8.153e+14 8.565e+07 9518696 <2e-16 \*\*\*

`암 종류2\_3` -3.635e+14 7.991e+07 -4548903 <2e-16 \*\*\*

`암 종류2\_4` -4.799e+15 1.305e+08 -36768928 <2e-16 \*\*\*

`암 종류2\_6` -3.529e+15 7.974e+07 -44250442 <2e-16 \*\*\*

`암 종류2\_8` -9.370e+14 7.976e+07 -11746926 <2e-16 \*\*\*

`암 종류2\_9` -4.103e+15 8.144e+07 -50381364 <2e-16 \*\*\*

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` 5.932e+14 1.021e+08 5812450 <2e-16 \*\*\*

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` NA NA NA NA

`지난 2주간 아팠음 여부\_1` 3.421e+13 6.703e+06 5103540 <2e-16 \*\*\*

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` -3.079e+15 2.781e+07 -110741156 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_2` 3.859e+14 1.610e+07 23970986 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_3` -3.146e+15 1.390e+07 -226288834 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_4` -3.227e+13 2.071e+07 -1558028 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_5` -8.062e+14 1.343e+07 -60042695 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_6` -9.909e+14 3.386e+07 -29261597 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_7` -3.132e+15 1.612e+07 -194311251 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_8` -4.081e+15 4.776e+07 -85459279 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_10` -1.222e+15 2.172e+07 -56256622 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_12` 5.896e+14 2.407e+07 24495595 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_14` NA NA NA NA

`EQ-5D (자기관리)\_0` -3.435e+14 6.927e+07 -4958913 <2e-16 \*\*\*

`EQ-5D (자기관리)\_1` -9.370e+14 1.241e+07 -75517352 <2e-16 \*\*\*

`EQ-5D (자기관리)\_2` -6.477e+14 1.181e+07 -54851812 <2e-16 \*\*\*

`EQ-5D (자기관리)\_3` NA NA NA NA

`ADL - 구강청결\_1` 1.323e+15 2.559e+07 51708953 <2e-16 \*\*\*

`ADL - 구강청결\_2` 4.902e+14 2.449e+07 20018382 <2e-16 \*\*\*

`ADL - 구강청결\_3` -1.346e+14 2.471e+07 -5447535 <2e-16 \*\*\*

`ADL - 구강청결\_4` NA NA NA NA

`ADL - 식사하기\_1` -7.697e+14 2.846e+07 -27044556 <2e-16 \*\*\*

`ADL - 식사하기\_2` 9.980e+13 2.768e+07 3604825 <2e-16 \*\*\*

`ADL - 식사하기\_3` 1.618e+14 3.096e+07 5224546 <2e-16 \*\*\*

`ADL - 식사하기\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 4.445e+14 1.009e+07 44044953 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_2` 5.928e+14 9.927e+06 59723077 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_3` 4.216e+14 9.918e+06 42511266 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`도움 계속 필요 여부\_0` 1.252e+15 2.856e+07 43839857 <2e-16 \*\*\*

`도움 계속 필요 여부\_1` 1.794e+15 2.854e+07 62870227 <2e-16 \*\*\*

`도움 계속 필요 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 19680 on 2598 degrees of freedom

AIC: 19856

**> summary(glm(c2$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=c2))**

Call:glm(formula = c2$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = c2)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (64 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.808e+15 1.776e+06 -1.582e+09 <2e-16 \*\*\*

`상지의지-필요\_1` -2.046e+15 2.209e+07 -9.263e+07 <2e-16 \*\*\*

`상지의지-필요\_2` NA NA NA NA

`상지의지-소지\_1` 5.033e+14 2.500e+07 2.013e+07 <2e-16 \*\*\*

`상지의지-소지\_2` NA NA NA NA

`상지의지-사용\_0` NA NA NA NA

`상지의지-사용\_1` 8.000e+14 2.351e+07 3.403e+07 <2e-16 \*\*\*

`상지의지-사용\_2` NA NA NA NA

`하지의지-필요\_1` -3.555e+15 2.820e+07 -1.260e+08 <2e-16 \*\*\*

`하지의지-필요\_2` NA NA NA NA

`하지의지-소지\_1` 3.854e+15 5.001e+07 7.707e+07 <2e-16 \*\*\*

`하지의지-소지\_2` NA NA NA NA

`하지의지-사용\_0` NA NA NA NA

`하지의지-사용\_1` 2.434e+14 4.341e+07 5.608e+06 <2e-16 \*\*\*

`하지의지-사용\_2` NA NA NA NA

`척추보조기-필요\_1` 1.050e+15 7.343e+06 1.430e+08 <2e-16 \*\*\*

`척추보조기-필요\_2` NA NA NA NA

`척추보조기-소지\_1` -6.510e+14 7.651e+06 -8.509e+07 <2e-16 \*\*\*

`척추보조기-소지\_2` NA NA NA NA

`척추보조기-사용\_0` NA NA NA NA

`척추보조기-사용\_1` 5.821e+13 1.017e+07 5.724e+06 <2e-16 \*\*\*

`척추보조기-사용\_2` NA NA NA NA

`상지보조기-필요\_1` 1.715e+15 1.919e+07 8.938e+07 <2e-16 \*\*\*

`상지보조기-필요\_2` NA NA NA NA

`상지보조기-소지\_1` -6.210e+14 2.334e+07 -2.661e+07 <2e-16 \*\*\*

`상지보조기-소지\_2` NA NA NA NA

`상지보조기-사용\_0` NA NA NA NA

`상지보조기-사용\_1` -6.154e+14 3.488e+07 -1.764e+07 <2e-16 \*\*\*

`상지보조기-사용\_2` NA NA NA NA

`하지보조기-필요\_1` 2.043e+14 1.397e+07 1.463e+07 <2e-16 \*\*\*

`하지보조기-필요\_2` NA NA NA NA

`하지보조기-소지\_1` -8.541e+14 1.490e+07 -5.734e+07 <2e-16 \*\*\*

`하지보조기-소지\_2` NA NA NA NA

`하지보조기-사용\_0` NA NA NA NA

`하지보조기-사용\_1` 7.923e+14 2.007e+07 3.948e+07 <2e-16 \*\*\*

`하지보조기-사용\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 4.716e+14 1.427e+07 3.306e+07 <2e-16 \*\*\*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`맞춤형 교정용신발-소지\_1` -8.714e+14 2.138e+07 -4.075e+07 <2e-16 \*\*\*

`맞춤형 교정용신발-소지\_2` NA NA NA NA

`맞춤형 교정용신발-사용\_0` NA NA NA NA

`맞춤형 교정용신발-사용\_1` 8.010e+14 2.485e+07 3.223e+07 <2e-16 \*\*\*

`맞춤형 교정용신발-사용\_2` NA NA NA NA

`지팡이-필요\_1` -1.036e+15 6.565e+06 -1.578e+08 <2e-16 \*\*\*

`지팡이-필요\_2` NA NA NA NA

`지팡이-소지\_1` 7.237e+14 6.660e+06 1.087e+08 <2e-16 \*\*\*

`지팡이-소지\_2` NA NA NA NA

`지팡이-사용\_0` NA NA NA NA

`지팡이-사용\_1` 2.269e+15 6.593e+06 3.442e+08 <2e-16 \*\*\*

`지팡이-사용\_2` NA NA NA NA

`목발-필요\_1` 1.682e+15 1.437e+07 1.171e+08 <2e-16 \*\*\*

`목발-필요\_2` NA NA NA NA

`목발-소지\_1` -7.695e+14 1.009e+07 -7.627e+07 <2e-16 \*\*\*

`목발-소지\_2` NA NA NA NA

`목발-사용\_0` NA NA NA NA

`목발-사용\_1` -1.286e+15 1.468e+07 -8.761e+07 <2e-16 \*\*\*

`목발-사용\_2` NA NA NA NA

`보행기-필요\_1` -7.823e+14 7.554e+06 -1.036e+08 <2e-16 \*\*\*

`보행기-필요\_2` NA NA NA NA

`보행기-소지\_1` 5.993e+13 1.198e+07 5.003e+06 <2e-16 \*\*\*

`보행기-소지\_2` NA NA NA NA

`보행기-사용\_0` NA NA NA NA

`보행기-사용\_1` 9.464e+13 1.185e+07 7.987e+06 <2e-16 \*\*\*

`보행기-사용\_2` NA NA NA NA

`전동휠체어-필요\_1` -1.279e+14 6.724e+06 -1.902e+07 <2e-16 \*\*\*

`전동휠체어-필요\_2` NA NA NA NA

`전동휠체어-소지\_1` -7.740e+13 2.248e+07 -3.442e+06 <2e-16 \*\*\*

`전동휠체어-소지\_2` NA NA NA NA

`전동휠체어-사용\_0` NA NA NA NA

`전동휠체어-사용\_1` 4.480e+14 2.286e+07 1.960e+07 <2e-16 \*\*\*

`전동휠체어-사용\_2` NA NA NA NA

`수동휠체어-필요\_1` -4.126e+14 1.166e+07 -3.539e+07 <2e-16 \*\*\*

`수동휠체어-필요\_2` NA NA NA NA

`수동휠체어-소지\_1` -1.082e+14 1.558e+07 -6.944e+06 <2e-16 \*\*\*

`수동휠체어-소지\_2` NA NA NA NA

`수동휠체어-사용\_0` NA NA NA NA

`수동휠체어-사용\_1` 1.328e+15 1.684e+07 7.883e+07 <2e-16 \*\*\*

`수동휠체어-사용\_2` NA NA NA NA

`전동스쿠터-필요\_1` -2.874e+14 6.364e+06 -4.516e+07 <2e-16 \*\*\*

`전동스쿠터-필요\_2` NA NA NA NA

`전동스쿠터-소지\_1` -2.266e+14 2.234e+07 -1.014e+07 <2e-16 \*\*\*

`전동스쿠터-소지\_2` NA NA NA NA

`전동스쿠터-사용\_0` NA NA NA NA

`전동스쿠터-사용\_1` 1.054e+15 2.284e+07 4.616e+07 <2e-16 \*\*\*

`전동스쿠터-사용\_2` NA NA NA NA

`자세보조용구-필요\_1` -2.442e+14 1.122e+07 -2.177e+07 <2e-16 \*\*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -1.739e+15 3.775e+07 -4.607e+07 <2e-16 \*\*\*

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -3.638e+14 5.380e+07 -6.762e+06 <2e-16 \*\*\*

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-필요\_1` -2.313e+14 1.183e+07 -1.954e+07 <2e-16 \*\*\*

`상하지운동기구-필요\_2` NA NA NA NA

`상하지운동기구-소지\_1` -5.815e+14 5.849e+07 -9.942e+06 <2e-16 \*\*\*

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` 1.003e+15 6.092e+07 1.647e+07 <2e-16 \*\*\*

`상하지운동기구-사용\_2` NA NA NA NA

`팔받침대-필요\_1` 1.757e+15 2.155e+07 8.154e+07 <2e-16 \*\*\*

`팔받침대-필요\_2` NA NA NA NA

`팔받침대-소지\_1` -1.534e+15 5.778e+07 -2.654e+07 <2e-16 \*\*\*

`팔받침대-소지\_2` NA NA NA NA

`팔받침대-사용\_0` NA NA NA NA

`팔받침대-사용\_1` -3.910e+15 7.749e+07 -5.047e+07 <2e-16 \*\*\*

`팔받침대-사용\_2` NA NA NA NA

`기타-필요...459\_1` -7.123e+14 1.896e+07 -3.756e+07 <2e-16 \*\*\*

`기타-필요...459\_2` NA NA NA NA

`기타-소지...460\_1` -1.766e+15 3.413e+07 -5.175e+07 <2e-16 \*\*\*

`기타-소지...460\_2` NA NA NA NA

`기타-사용...461\_0` NA NA NA NA

`기타-사용...461\_1` 2.784e+15 3.694e+07 7.538e+07 <2e-16 \*\*\*

`기타-사용...461\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 11246 on 2637 degrees of freedom

AIC: 11344

**> summary(glm(d2$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=d2))**

Call:glm(formula = d2$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = d2)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.4904 -0.3113 -0.1539 -0.1539 8.4904

Coefficients: (73 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -3.003e+00 1.553e-01 -1.933e+01 < 2e-16 \*\*\*

`보청기 - 필요\_1` -5.393e+02 1.806e+00 -2.987e+02 < 2e-16 \*\*\*

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` 5.243e+02 1.934e+00 2.711e+02 < 2e-16 \*\*\*

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` 1.020e+03 2.561e+00 3.984e+02 < 2e-16 \*\*\*

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` 1.501e+15 3.875e+07 3.875e+07 < 2e-16 \*\*\*

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` 4.265e+15 1.317e+08 3.237e+07 < 2e-16 \*\*\*

`의사소통 보조기기-소지\_2` NA NA NA NA

`의사소통 보조기기-사용\_0` NA NA NA NA

`의사소통 보조기기-사용\_1` NA NA NA NA

`욕창방지용매트-필요\_1` -1.365e+08 2.322e+03 -5.877e+04 < 2e-16 \*\*\*

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` 2.542e+15 3.131e+07 8.120e+07 < 2e-16 \*\*\*

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` 5.661e+14 3.143e+07 1.801e+07 < 2e-16 \*\*\*

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` -2.404e+09 1.336e+04 -1.799e+05 < 2e-16 \*\*\*

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` 5.661e+14 3.143e+07 1.801e+07 < 2e-16 \*\*\*

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` -5.661e+14 3.143e+07 -1.801e+07 < 2e-16 \*\*\*

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` -1.261e+03 2.554e+00 -4.939e+02 < 2e-16 \*\*\*

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` -7.578e+15 1.658e+14 -4.570e+01 < 2e-16 \*\*\*

`침대(전동 및 수동)-필요...604\_2` NA NA NA NA

`침대(전동 및 수동)-사용\_0` NA NA NA NA

`침대(전동 및 수동)-사용\_1` 7.578e+15 1.658e+14 4.570e+01 < 2e-16 \*\*\*

`침대(전동 및 수동)-사용\_2` 5.198e+15 1.658e+14 3.135e+01 < 2e-16 \*\*\*

`기립보조기구-필요\_1` 5.368e+05 7.199e+01 7.456e+03 < 2e-16 \*\*\*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -5.360e+05 8.280e+01 -6.474e+03 < 2e-16 \*\*\*

`기립보조기구-소지\_2` NA NA NA NA

`기립보조기구-사용\_0` NA NA NA NA

`기립보조기구-사용\_1` NA NA NA NA

`기저귀매트-필요\_1` -2.285e+08 5.301e+03 -4.310e+04 < 2e-16 \*\*\*

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` 2.285e+08 5.301e+03 4.310e+04 < 2e-16 \*\*\*

`기저귀매트-소지\_2` NA NA NA NA

`기저귀매트-사용\_0` NA NA NA NA

`기저귀매트-사용\_1` NA NA NA NA

`목욕의자및이동욕조-필요\_1` -5.378e+05 7.209e+01 -7.460e+03 < 2e-16 \*\*\*

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` 1.068e+19 9.564e+15 1.117e+03 < 2e-16 \*\*\*

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` -1.068e+19 9.564e+15 -1.117e+03 < 2e-16 \*\*\*

`목욕의자및이동욕조-사용\_2` -1.068e+19 9.564e+15 -1.117e+03 < 2e-16 \*\*\*

`이동변기-필요\_1` 2.730e+09 1.426e+04 1.914e+05 < 2e-16 \*\*\*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` 6.503e+18 9.163e+15 7.098e+02 < 2e-16 \*\*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -6.506e+18 9.163e+15 -7.101e+02 < 2e-16 \*\*\*

`이동변기-사용\_2` -6.504e+18 9.163e+15 -7.098e+02 < 2e-16 \*\*\*

`특수키보드-필요\_1` -2.730e+09 6.711e+07 -4.067e+01 < 2e-16 \*\*\*

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -1.395e+15 9.534e+07 -1.463e+07 < 2e-16 \*\*\*

`특수키보드-소지\_2` NA NA NA NA

`특수키보드-사용\_0` NA NA NA NA

`특수키보드-사용\_1` NA NA NA NA

`특수마우스-필요\_1` 2.730e+09 6.711e+07 4.067e+01 < 2e-16 \*\*\*

`특수마우스-필요\_2` NA NA NA NA

`특수마우스-소지\_1` NA NA NA NA

`특수마우스-소지\_2` NA NA NA NA

`특수마우스-사용\_0` NA NA NA NA

`특수마우스-사용\_1` NA NA NA NA

`각종스위치-필요\_1` 2.821e+01 1.441e+00 1.958e+01 < 2e-16 \*\*\*

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` 2.525e+04 1.929e+02 1.309e+02 < 2e-16 \*\*\*

`각종스위치-소지\_2` NA NA NA NA

`각종스위치-사용\_0` NA NA NA NA

`각종스위치-사용\_1` NA NA NA NA

`음성인식장치-필요\_1` -1.732e+10 1.316e+05 -1.316e+05 < 2e-16 \*\*\*

`음성인식장치-필요\_2` NA NA NA NA

`음성인식장치-소지\_2` NA NA NA NA

`음성인식장치-사용\_0` NA NA NA NA

`터치스크린,스크린키보드-필요\_1` -4.115e+15 6.942e+07 -5.928e+07 < 2e-16 \*\*\*

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` 8.619e+15 1.004e+08 8.587e+07 < 2e-16 \*\*\*

`터치스크린,스크린키보드-소지\_2` NA NA NA NA

`터치스크린,스크린키보드-사용\_0` NA NA NA NA

`터치스크린,스크린키보드-사용\_1` NA NA NA NA

`환경제어장치-필요\_1` -1.099e+02 2.083e+00 -5.277e+01 < 2e-16 \*\*\*

`환경제어장치-필요\_2` NA NA NA NA

`환경제어장치-소지\_1` 1.034e+02 1.438e+02 7.190e-01 0.472

`환경제어장치-소지\_2` NA NA NA NA

`환경제어장치-사용\_0` NA NA NA NA

`환경제어장치-사용\_1` NA NA NA NA

`이동식 전동리프트-필요\_1` 4.013e+04 1.980e+02 2.027e+02 < 2e-16 \*\*\*

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` -1.265e+15 4.840e+07 -2.613e+07 < 2e-16 \*\*\*

`이동식 전동리프트-소지\_2` NA NA NA NA

`이동식 전동리프트-사용\_0` NA NA NA NA

`이동식 전동리프트-사용\_1` NA NA NA NA

`주택개조-필요\_1` -2.701e+00 3.987e-01 -6.773e+00 1.26e-11 \*\*\*

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` -1.861e+03 4.935e+01 -3.770e+01 < 2e-16 \*\*\*

`주택개조-소지\_2` NA NA NA NA

`주택개조-사용\_0` NA NA NA NA

`주택개조-사용\_1` NA NA NA NA

`장애인용의복-필요\_1` -1.372e+15 3.920e+07 -3.500e+07 < 2e-16 \*\*\*

`장애인용의복-필요\_2` NA NA NA NA

`장애인용의복-소지\_2` NA NA NA NA

`장애인용의복-사용\_0` NA NA NA NA

`자동차개조,운전보조장치-필요\_1` -4.504e+15 2.740e+07 -1.644e+08 < 2e-16 \*\*\*

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` -5.791e+14 3.271e+07 -1.770e+07 < 2e-16 \*\*\*

`자동차개조,운전보조장치-소지\_2` NA NA NA NA

`자동차개조,운전보조장치-사용\_0` NA NA NA NA

`자동차개조,운전보조장치-사용\_1` NA NA NA NA

`스마트폰 사용 여부\_1` -1.427e+00 1.881e-01 -7.588e+00 3.25e-14 \*\*\*

`스마트폰 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 13031 on 2640 degrees of freedom

AIC: 13123

**3차 시행**

**> summary(glm(a3$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=a3))**

Call:glm(formula = a3$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = a3)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (19 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -6.868e+15 5.948e+07 -115481358 <2e-16 \*\*\*

생년 -1.643e+15 1.568e+07 -104747909 <2e-16 \*\*\*

`장애등록 연도` 2.179e+14 7.503e+06 29045061 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 9.661e+14 2.677e+07 36094573 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -1.534e+14 1.097e+07 -13985232 <2e-16 \*\*\*

`월 평균 총가구소득` 8.293e+14 4.159e+07 19937718 <2e-16 \*\*\*

`가구 주된 수입원` -1.365e+14 4.674e+06 -29213494 <2e-16 \*\*\*

`가구 월평균 지출액` -1.331e+15 2.602e+07 -51160563 <2e-16 \*\*\*

`장애발생시 연령...36` 2.210e+14 1.196e+07 18482206 <2e-16 \*\*\*

`월 혈압약 일수` 9.502e+14 2.780e+06 341774003 <2e-16 \*\*\*

`관절통증 정도` -3.403e+13 4.460e+06 -7630250 <2e-16 \*\*\*

`운동 시간(분)` 1.041e+14 1.367e+07 7612122 <2e-16 \*\*\*

`키(센티)` 3.642e+13 9.185e+06 3965061 <2e-16 \*\*\*

`몸무게(kg)` -1.553e+15 6.539e+07 -23750746 <2e-16 \*\*\*

성별\_1 -1.117e+13 3.332e+06 -3353738 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 9.326e+14 1.180e+07 79017525 <2e-16 \*\*\*

장애등급...20\_2 3.387e+14 7.462e+06 45397840 <2e-16 \*\*\*

장애등급...20\_3 2.323e+14 5.110e+06 45467635 <2e-16 \*\*\*

장애등급...20\_4 1.503e+14 4.292e+06 35019996 <2e-16 \*\*\*

장애등급...20\_5 1.119e+14 3.491e+06 32055832 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.464e+15 5.059e+07 68469918 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 4.193e+15 5.337e+07 78572028 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.553e+15 5.097e+07 50082597 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 1.832e+15 5.691e+07 32194542 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 1.959e+15 5.195e+07 37717622 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 3.323e+15 5.091e+07 65260147 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 6.612e+14 6.133e+07 10780852 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 2.433e+15 5.194e+07 46833044 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 5.204e+15 8.631e+07 60290052 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 3.112e+15 5.274e+07 59013093 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 3.373e+15 5.141e+07 65596775 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 9.293e+14 5.339e+07 17405491 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.868e+15 5.175e+07 55419286 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 3.186e+15 5.185e+07 61445106 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.377e+15 5.070e+07 66607812 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` 6.260e+14 1.120e+07 55893900 <2e-16 \*\*\*

`장애부위(상지)...31\_1` -2.141e+14 1.012e+07 -21154601 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 3.368e+13 1.046e+07 3219917 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 1.889e+14 7.503e+06 25172507 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 1.010e+14 5.252e+06 19238415 <2e-16 \*\*\*

`장애부위(하지)...32\_2` -5.623e+13 5.372e+06 -10466763 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 3.290e+14 6.646e+06 49506278 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -1.018e+15 4.400e+07 -23144889 <2e-16 \*\*\*

`가장 불편한부위\_12` -1.024e+15 3.932e+07 -26032561 <2e-16 \*\*\*

`가장 불편한부위\_13` 1.263e+15 3.842e+07 32879528 <2e-16 \*\*\*

`가장 불편한부위\_14` 2.567e+15 3.553e+07 72255721 <2e-16 \*\*\*

`가장 불편한부위\_15` 1.397e+15 5.936e+07 23527999 <2e-16 \*\*\*

`가장 불편한부위\_16` -8.293e+14 3.913e+07 -21193197 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.997e+15 3.653e+07 82042777 <2e-16 \*\*\*

`가장 불편한부위\_18` -9.458e+13 4.014e+07 -2356257 <2e-16 \*\*\*

`가장 불편한부위\_19` -1.184e+15 4.151e+07 -28531918 <2e-16 \*\*\*

`가장 불편한부위\_21` 3.516e+15 3.330e+07 105590492 <2e-16 \*\*\*

`가장 불편한부위\_22` 3.438e+15 4.118e+07 83481157 <2e-16 \*\*\*

`가장 불편한부위\_23` 2.841e+15 3.207e+07 88588796 <2e-16 \*\*\*

`가장 불편한부위\_24` 2.479e+15 3.225e+07 76886469 <2e-16 \*\*\*

`가장 불편한부위\_25` 4.240e+15 3.486e+07 121604507 <2e-16 \*\*\*

`가장 불편한부위\_26` 3.539e+15 3.582e+07 98805235 <2e-16 \*\*\*

`가장 불편한부위\_27` 1.966e+14 5.372e+07 3660446 <2e-16 \*\*\*

`가장 불편한부위\_31` 3.303e+15 3.308e+07 99847230 <2e-16 \*\*\*

`가장 불편한부위\_32` 3.769e+15 3.374e+07 111685840 <2e-16 \*\*\*

`가장 불편한부위\_33` 2.761e+14 3.445e+07 8014863 <2e-16 \*\*\*

`가장 불편한부위\_34` 2.146e+15 3.355e+07 63959032 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.727e+15 3.145e+07 86712508 <2e-16 \*\*\*

`가장 불편한부위\_36` 2.848e+15 3.142e+07 90658084 <2e-16 \*\*\*

`가장 불편한부위\_37` 1.282e+15 3.201e+07 40050517 <2e-16 \*\*\*

`가장 불편한부위\_38` 3.012e+15 3.111e+07 96794931 <2e-16 \*\*\*

`가장 불편한부위\_41` -5.036e+14 3.574e+07 -14092317 <2e-16 \*\*\*

`가장 불편한부위\_42` 2.075e+15 3.493e+07 59413569 <2e-16 \*\*\*

`가장 불편한부위\_43` 1.114e+14 3.372e+07 3303450 <2e-16 \*\*\*

`가장 불편한부위\_44` 1.726e+15 3.465e+07 49796399 <2e-16 \*\*\*

`가장 불편한부위\_45` 1.943e+15 3.350e+07 58005170 <2e-16 \*\*\*

`가장 불편한부위\_46` 2.705e+15 4.206e+07 64318389 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 1.337e+13 2.699e+07 495526 <2e-16 \*\*\*

장애발생시기...35\_2 4.154e+14 1.299e+07 31985745 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -3.177e+15 3.379e+07 -94032702 <2e-16 \*\*\*

`장애주된 원인\_14` -8.940e+14 3.221e+07 -27756826 <2e-16 \*\*\*

`장애주된 원인\_15` -3.393e+15 5.719e+07 -59329859 <2e-16 \*\*\*

`장애주된 원인\_17` -4.817e+15 3.159e+07 -152486425 <2e-16 \*\*\*

`장애주된 원인\_31` -3.583e+15 7.747e+07 -46251964 <2e-16 \*\*\*

`장애주된 원인\_40` -8.608e+15 1.054e+08 -81657933 <2e-16 \*\*\*

`장애주된 원인\_43` -3.465e+15 7.443e+07 -46553198 <2e-16 \*\*\*

`장애주된 원인\_46` -2.925e+15 4.139e+07 -70652297 <2e-16 \*\*\*

`장애주된 원인\_47` -6.063e+14 7.192e+07 -8429689 <2e-16 \*\*\*

`장애주된 원인\_48` -1.029e+15 2.373e+07 -43375838 <2e-16 \*\*\*

`장애주된 원인\_49` -4.616e+15 3.938e+07 -117221692 <2e-16 \*\*\*

`장애주된 원인\_50` -6.444e+15 7.295e+07 -88338509 <2e-16 \*\*\*

`장애주된 원인\_51` -2.631e+15 5.275e+07 -49886461 <2e-16 \*\*\*

`장애주된 원인\_60` -3.227e+15 3.604e+07 -89518459 <2e-16 \*\*\*

`장애주된 원인\_61` -1.944e+15 2.397e+07 -81131002 <2e-16 \*\*\*

`장애주된 원인\_62` -1.348e+15 2.376e+07 -56746417 <2e-16 \*\*\*

`장애주된 원인\_63` -1.141e+15 2.416e+07 -47210329 <2e-16 \*\*\*

`장애주된 원인\_64` -1.365e+15 2.485e+07 -54928168 <2e-16 \*\*\*

`장애주된 원인\_65` 5.994e+13 2.984e+07 2008735 <2e-16 \*\*\*

`장애주된 원인\_66` -1.182e+15 2.905e+07 -40674971 <2e-16 \*\*\*

`장애주된 원인\_67` 1.321e+14 4.176e+07 3164033 <2e-16 \*\*\*

`장애주된 원인\_68` -7.243e+14 2.717e+07 -26661640 <2e-16 \*\*\*

`장애주된 원인\_69` -9.812e+14 2.351e+07 -41741958 <2e-16 \*\*\*

`장애주된 원인\_70` -4.507e+15 7.127e+07 -63236993 <2e-16 \*\*\*

`장애주된 원인\_71` -3.654e+15 4.563e+07 -80087157 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 4.210e+15 1.061e+08 39690321 <2e-16 \*\*\*

질병명...38\_103 8.211e+15 1.068e+08 76867217 <2e-16 \*\*\*

질병명...38\_105 4.708e+15 1.214e+08 38767009 <2e-16 \*\*\*

질병명...38\_108 3.624e+15 1.248e+08 29041374 <2e-16 \*\*\*

질병명...38\_109 7.906e+15 1.044e+08 75725012 <2e-16 \*\*\*

질병명...38\_134 5.203e+14 1.001e+08 5199392 <2e-16 \*\*\*

질병명...38\_137 6.683e+15 8.666e+07 77119852 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 7.585e+14 4.255e+07 17823671 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 4.072e+14 8.525e+06 47762109 <2e-16 \*\*\*

질병명...38\_173 -1.661e+14 1.435e+07 -11573342 <2e-16 \*\*\*

질병명...38\_174 -3.392e+15 2.137e+07 -158697615 <2e-16 \*\*\*

질병명...38\_175 -4.248e+13 6.851e+06 -6200281 <2e-16 \*\*\*

질병명...38\_177 -3.211e+14 1.508e+07 -21302024 <2e-16 \*\*\*

질병명...38\_178 -3.219e+15 3.962e+07 -81234893 <2e-16 \*\*\*

질병명...38\_179 5.820e+14 4.097e+07 14206740 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 3.745e+15 4.328e+07 86529499 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 8.175e+15 9.668e+07 84557982 <2e-16 \*\*\*

질병명...38\_188 3.149e+15 7.274e+07 43296342 <2e-16 \*\*\*

질병명...38\_190 5.587e+15 7.676e+07 72779711 <2e-16 \*\*\*

질병명...38\_191 3.260e+15 8.824e+07 36944743 <2e-16 \*\*\*

질병명...38\_192 3.039e+15 7.585e+07 40063824 <2e-16 \*\*\*

질병명...38\_201 6.161e+15 7.312e+07 84267549 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 2.402e+14 3.818e+06 62910744 <2e-16 \*\*\*

산업재해인정여부...39\_1 2.187e+14 6.175e+06 35421093 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -7.605e+14 3.439e+07 -22116314 <2e-16 \*\*\*

`주된 진단명...40\_2` -3.692e+14 2.005e+07 -18419390 <2e-16 \*\*\*

`주된 진단명...40\_3` -1.483e+14 3.167e+07 -4681996 <2e-16 \*\*\*

`주된 진단명...40\_4` -2.165e+14 1.478e+07 -14649329 <2e-16 \*\*\*

`주된 진단명...40\_5` 1.155e+15 5.559e+07 20781558 <2e-16 \*\*\*

`주된 진단명...40\_6` -1.016e+15 1.092e+07 -93084416 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 3.376e+14 1.747e+07 19320898 <2e-16 \*\*\*

`주된 진단명...40\_9` -1.058e+15 2.243e+07 -47178969 <2e-16 \*\*\*

`주된 진단명...40\_10` 9.040e+13 1.562e+07 5786570 <2e-16 \*\*\*

`주된 진단명...40\_11` -4.751e+14 1.223e+07 -38841452 <2e-16 \*\*\*

`주된 진단명...40\_12` -4.541e+14 9.917e+06 -45792270 <2e-16 \*\*\*

`주된 진단명...40\_13` 5.252e+14 2.343e+07 22410091 <2e-16 \*\*\*

`주된 진단명...40\_14` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 13192 on 2551 degrees of freedom

AIC: 13462

**> summary(glm(b3$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=b3))**

Call:glm(formula = b3$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = b3)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (41 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -1.215e+16 1.839e+08 -66075651 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_1` -9.935e+14 4.840e+07 -20526995 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_2` -1.020e+15 4.844e+07 -21053588 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_3` -1.015e+15 4.856e+07 -20901498 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_4` -1.274e+15 4.994e+07 -25517201 <2e-16 \*\*\*

`건강보험가입여부 및 형태\_5` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` 4.149e+13 7.962e+06 5210710 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_1` 1.937e+14 1.119e+07 17299139 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`현재 지속적 진료여부\_1` -3.380e+14 6.518e+06 -51856570 <2e-16 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -2.217e+15 3.069e+07 -72226118 <2e-16 \*\*\*

`주관적 건강 평가\_2` -6.308e+14 6.531e+06 -96591488 <2e-16 \*\*\*

`주관적 건강 평가\_3` -4.455e+14 5.192e+06 -85792464 <2e-16 \*\*\*

`주관적 건강 평가\_4` -8.574e+13 4.606e+06 -18616082 <2e-16 \*\*\*

`주관적 건강 평가\_5` NA NA NA NA

`건강검진 여부\_1` 1.565e+13 4.411e+06 3548879 <2e-16 \*\*\*

`건강검진 여부\_2` NA NA NA NA

`암검진 여부\_1` -1.574e+13 3.542e+06 -4442315 <2e-16 \*\*\*

`암검진 여부\_2` NA NA NA NA

`구강건강 검진 여부\_1` -7.997e+11 2.922e+06 -273723 <2e-16 \*\*\*

`구강건강 검진 여부\_2` NA NA NA NA

`인플루엔자 예방접종여부\_1` 1.028e+14 3.287e+06 31278949 <2e-16 \*\*\*

`인플루엔자 예방접종여부\_2` NA NA NA NA

`입원치료 여부\_1` 2.959e+11 3.407e+06 86834 <2e-16 \*\*\*

`입원치료 여부\_2` NA NA NA NA

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_1` 6.027e+13 3.022e+06 19941868 <2e-16 \*\*\*

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_2` NA NA NA NA

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_1` 4.200e+14 1.423e+07 29503600 <2e-16 \*\*\*

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_2` NA NA NA NA

사고발생내용1\_0 NA NA NA NA

사고발생내용1\_1 -6.209e+14 1.860e+07 -33380556 <2e-16 \*\*\*

사고발생내용1\_2 -6.397e+14 1.558e+07 -41057325 <2e-16 \*\*\*

사고발생내용1\_3 -7.335e+14 2.062e+07 -35573825 <2e-16 \*\*\*

사고발생내용1\_4 -2.990e+14 2.521e+07 -11859404 <2e-16 \*\*\*

사고발생내용1\_5 -4.427e+15 6.882e+07 -64330370 <2e-16 \*\*\*

사고발생내용1\_6 -4.786e+15 4.169e+07 -114803833 <2e-16 \*\*\*

사고발생내용1\_8 -1.987e+15 3.175e+07 -62576683 <2e-16 \*\*\*

사고발생내용1\_10 NA NA NA NA

사고발생내용2\_0 4.012e+15 6.875e+07 58359384 <2e-16 \*\*\*

사고발생내용2\_2 5.032e+15 7.640e+07 65865489 <2e-16 \*\*\*

사고발생내용2\_3 3.520e+14 9.632e+07 3654481 <2e-16 \*\*\*

사고발생내용2\_4 5.666e+14 9.538e+07 5940408 <2e-16 \*\*\*

사고발생내용2\_10 NA NA NA NA

사고발생내용3\_0 5.352e+15 7.601e+07 70401797 <2e-16 \*\*\*

사고발생내용3\_3 NA NA NA NA

`미충족의료 경험 유무\_1` -1.286e+14 3.429e+06 -37519677 <2e-16 \*\*\*

`미충족의료 경험 유무\_2` NA NA NA NA

`희귀난치성질환 여부\_1` -3.840e+15 6.744e+07 -56936517 <2e-16 \*\*\*

`희귀난치성질환 여부\_2` NA NA NA NA

`희귀난치성질환 등록 여부\_0` -3.688e+15 6.814e+07 -54130029 <2e-16 \*\*\*

`희귀난치성질환 등록 여부\_1` -7.610e+14 1.255e+07 -60627936 <2e-16 \*\*\*

`희귀난치성질환 등록 여부\_2` NA NA NA NA

`혈압약 복용 여부\_0` 2.682e+15 1.287e+07 208460314 <2e-16 \*\*\*

`혈압약 복용 여부\_1` 3.273e+15 1.292e+07 253386631 <2e-16 \*\*\*

`혈압약 복용 여부\_2` NA NA NA NA

`혈당관리 치료 여부\_0` 2.483e+15 1.582e+07 156937895 <2e-16 \*\*\*

`혈당관리 치료 여부\_1` 1.967e+15 2.469e+07 79668846 <2e-16 \*\*\*

`혈당관리 치료 여부\_2` NA NA NA NA

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` -7.442e+14 1.140e+07 -65306390 <2e-16 \*\*\*

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` 4.956e+14 1.882e+07 26328682 <2e-16 \*\*\*

`혈당치료 - 당뇨병약\_2` NA NA NA NA

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` -3.438e+13 5.714e+06 -6017316 <2e-16 \*\*\*

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` -2.454e+15 3.908e+07 -62799925 <2e-16 \*\*\*

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` 3.104e+14 1.138e+07 27284178 <2e-16 \*\*\*

`우울증 치료 여부\_1` 3.965e+14 1.294e+07 30626715 <2e-16 \*\*\*

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` 4.512e+14 1.235e+07 36522903 <2e-16 \*\*\*

`암 종류1\_1` -7.505e+14 2.100e+07 -35737328 <2e-16 \*\*\*

`암 종류1\_2` 6.973e+14 2.157e+07 32331111 <2e-16 \*\*\*

`암 종류1\_3` -1.920e+14 2.187e+07 -8779074 <2e-16 \*\*\*

`암 종류1\_4` -1.512e+15 2.254e+07 -67096459 <2e-16 \*\*\*

`암 종류1\_5` -1.474e+15 3.734e+07 -39467324 <2e-16 \*\*\*

`암 종류1\_6` -7.902e+14 2.479e+07 -31876220 <2e-16 \*\*\*

`암 종류1\_7` -4.549e+14 2.680e+07 -16974879 <2e-16 \*\*\*

`암 종류1\_8` 1.070e+15 3.019e+07 35431155 <2e-16 \*\*\*

`암 종류1\_9` 1.003e+14 9.763e+07 1027022 <2e-16 \*\*\*

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -1.396e+15 4.184e+07 -33362040 <2e-16 \*\*\*

`암 종류2\_2` 8.153e+14 8.565e+07 9518696 <2e-16 \*\*\*

`암 종류2\_3` -3.635e+14 7.991e+07 -4548903 <2e-16 \*\*\*

`암 종류2\_4` -4.799e+15 1.305e+08 -36768928 <2e-16 \*\*\*

`암 종류2\_6` -3.529e+15 7.974e+07 -44250442 <2e-16 \*\*\*

`암 종류2\_8` -9.370e+14 7.976e+07 -11746926 <2e-16 \*\*\*

`암 종류2\_9` -4.103e+15 8.144e+07 -50381364 <2e-16 \*\*\*

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` 5.932e+14 1.021e+08 5812450 <2e-16 \*\*\*

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` NA NA NA NA

`지난 2주간 아팠음 여부\_1` 3.421e+13 6.703e+06 5103540 <2e-16 \*\*\*

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` -3.079e+15 2.781e+07 -110741156 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_2` 3.859e+14 1.610e+07 23970986 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_3` -3.146e+15 1.390e+07 -226288834 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_4` -3.227e+13 2.071e+07 -1558028 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_5` -8.062e+14 1.343e+07 -60042695 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_6` -9.909e+14 3.386e+07 -29261597 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_7` -3.132e+15 1.612e+07 -194311251 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_8` -4.081e+15 4.776e+07 -85459279 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_10` -1.222e+15 2.172e+07 -56256622 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_12` 5.896e+14 2.407e+07 24495595 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_14` NA NA NA NA

`EQ-5D (자기관리)\_0` -3.435e+14 6.927e+07 -4958913 <2e-16 \*\*\*

`EQ-5D (자기관리)\_1` -9.370e+14 1.241e+07 -75517352 <2e-16 \*\*\*

`EQ-5D (자기관리)\_2` -6.477e+14 1.181e+07 -54851812 <2e-16 \*\*\*

`EQ-5D (자기관리)\_3` NA NA NA NA

`ADL - 구강청결\_1` 1.323e+15 2.559e+07 51708953 <2e-16 \*\*\*

`ADL - 구강청결\_2` 4.902e+14 2.449e+07 20018382 <2e-16 \*\*\*

`ADL - 구강청결\_3` -1.346e+14 2.471e+07 -5447535 <2e-16 \*\*\*

`ADL - 구강청결\_4` NA NA NA NA

`ADL - 식사하기\_1` -7.697e+14 2.846e+07 -27044556 <2e-16 \*\*\*

`ADL - 식사하기\_2` 9.980e+13 2.768e+07 3604825 <2e-16 \*\*\*

`ADL - 식사하기\_3` 1.618e+14 3.096e+07 5224546 <2e-16 \*\*\*

`ADL - 식사하기\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 4.445e+14 1.009e+07 44044953 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_2` 5.928e+14 9.927e+06 59723077 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_3` 4.216e+14 9.918e+06 42511266 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`도움 계속 필요 여부\_0` 1.252e+15 2.856e+07 43839857 <2e-16 \*\*\*

`도움 계속 필요 여부\_1` 1.794e+15 2.854e+07 62870227 <2e-16 \*\*\*

`도움 계속 필요 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 19680 on 2598 degrees of freedom

AIC: 19856

**> summary(glm(c3$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=c3))**

Call:glm(formula = c3$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = c3)

Deviance Residuals:

Min 1Q Median 3Q Max

-0.9429 -0.3546 -0.2683 -0.2683 8.4904

Coefficients: (52 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -3.306e+00 1.356e-01 -2.438e+01 <2e-16 \*\*\*

`상지의지-필요\_1` -6.337e+00 2.105e+01 -3.010e-01 0.7634

`상지의지-필요\_2` NA NA NA NA

`상지의지-소지\_1` -5.337e+00 2.309e+01 -2.310e-01 0.8172

`상지의지-소지\_2` NA NA NA NA

`상지의지-사용\_0` NA NA NA NA

`상지의지-사용\_1` 1.179e+01 3.109e+01 3.790e-01 0.7046

`상지의지-사용\_2` NA NA NA NA

`하지의지-필요\_1` -8.443e+00 4.006e+01 -2.110e-01 0.8331

`하지의지-필요\_2` NA NA NA NA

`하지의지-소지\_1` 9.800e+00 4.009e+01 2.440e-01 0.8069

`하지의지-소지\_2` NA NA NA NA

`하지의지-사용\_0` NA NA NA NA

`하지의지-사용\_1` 6.271e-02 1.631e+00 3.800e-02 0.9693

`하지의지-사용\_2` NA NA NA NA

`척추보조기-필요\_1` 8.290e-01 4.139e-01 2.003e+00 0.0452 \*

`척추보조기-필요\_2` NA NA NA NA

`척추보조기-소지\_1` -6.867e-01 5.986e-01 -1.147e+00 0.2513

`척추보조기-소지\_2` NA NA NA NA

`척추보조기-사용\_0` NA NA NA NA

`척추보조기-사용\_1` -6.297e-01 7.583e-01 -8.300e-01 0.4063

`척추보조기-사용\_2` NA NA NA NA

`상지보조기-필요\_1` 1.919e+00 8.450e-01 2.271e+00 0.0231 \*

`상지보조기-필요\_2` NA NA NA NA

`상지보조기-소지\_1` -6.402e-01 1.313e+00 -4.880e-01 0.6259

`상지보조기-소지\_2` NA NA NA NA

`상지보조기-사용\_0` NA NA NA NA

`상지보조기-사용\_1` -2.266e-01 1.616e+00 -1.400e-01 0.8885

`상지보조기-사용\_2` NA NA NA NA

`하지보조기-필요\_1` 1.853e-02 7.596e-01 2.400e-02 0.9805

`하지보조기-필요\_2` NA NA NA NA

`하지보조기-소지\_1` -3.120e-01 1.125e+00 -2.770e-01 0.7815

`하지보조기-소지\_2` NA NA NA NA

`하지보조기-사용\_0` NA NA NA NA

`하지보조기-사용\_1` 5.465e-01 1.359e+00 4.020e-01 0.6877

`하지보조기-사용\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` -7.195e+00 2.170e+01 -3.320e-01 0.7402

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`맞춤형 교정용신발-소지\_1` -1.879e+08 2.023e+07 -9.287e+00 <2e-16 \*\*\*

`맞춤형 교정용신발-소지\_2` NA NA NA NA

`맞춤형 교정용신발-사용\_0` NA NA NA NA

`맞춤형 교정용신발-사용\_1` -3.237e+15 2.346e+07 -1.380e+08 <2e-16 \*\*\*

`맞춤형 교정용신발-사용\_2` NA NA NA NA

`지팡이-필요\_1` -8.291e-01 5.166e-01 -1.605e+00 0.1085

`지팡이-필요\_2` NA NA NA NA

`지팡이-소지\_1` 7.130e-01 4.395e-01 1.622e+00 0.1047

`지팡이-소지\_2` NA NA NA NA

`지팡이-사용\_0` NA NA NA NA

`지팡이-사용\_1` 1.105e+00 4.855e-01 2.276e+00 0.0228 \*

`지팡이-사용\_2` NA NA NA NA

`목발-필요\_1` 1.533e+00 8.873e-01 1.728e+00 0.0840 .

`목발-필요\_2` NA NA NA NA

`목발-소지\_1` -1.035e+00 8.471e-01 -1.222e+00 0.2216

`목발-소지\_2` NA NA NA NA

`목발-사용\_0` NA NA NA NA

`목발-사용\_1` -1.129e+00 8.612e-01 -1.310e+00 0.1901

`목발-사용\_2` NA NA NA NA

`보행기-필요\_1` -2.673e-01 4.834e-01 -5.530e-01 0.5803

`보행기-필요\_2` NA NA NA NA

`보행기-소지\_1` 2.114e-01 7.010e-01 3.020e-01 0.7629

`보행기-소지\_2` NA NA NA NA

`보행기-사용\_0` NA NA NA NA

`보행기-사용\_1` 1.405e-01 6.850e-01 2.050e-01 0.8375

`보행기-사용\_2` NA NA NA NA

`전동휠체어-필요\_1` 2.093e-01 3.650e-01 5.740e-01 0.5663

`전동휠체어-필요\_2` NA NA NA NA

`전동휠체어-소지\_1` -3.671e-01 1.396e+00 -2.630e-01 0.7926

`전동휠체어-소지\_2` NA NA NA NA

`전동휠체어-사용\_0` NA NA NA NA

`전동휠체어-사용\_1` 2.215e-01 1.405e+00 1.580e-01 0.8748

`전동휠체어-사용\_2` NA NA NA NA

`수동휠체어-필요\_1` -1.433e-01 6.682e-01 -2.140e-01 0.8302

`수동휠체어-필요\_2` NA NA NA NA

`수동휠체어-소지\_1` 3.959e-01 8.567e-01 4.620e-01 0.6440

`수동휠체어-소지\_2` NA NA NA NA

`수동휠체어-사용\_0` NA NA NA NA

`수동휠체어-사용\_1` 7.717e-01 8.790e-01 8.780e-01 0.3799

`수동휠체어-사용\_2` NA NA NA NA

`전동스쿠터-필요\_1` -3.390e-01 4.344e-01 -7.800e-01 0.4351

`전동스쿠터-필요\_2` NA NA NA NA

`전동스쿠터-소지\_1` 9.840e-02 1.159e+00 8.500e-02 0.9323

`전동스쿠터-소지\_2` NA NA NA NA

`전동스쿠터-사용\_0` NA NA NA NA

`전동스쿠터-사용\_1` 5.848e-01 1.189e+00 4.920e-01 0.6229

`전동스쿠터-사용\_2` NA NA NA NA

`자세보조용구-필요\_1` 2.898e-01 5.050e-01 5.740e-01 0.5661

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -1.369e+01 1.018e+03 -1.300e-02 0.9893

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -6.623e+00 3.257e+04 0.000e+00 0.9998

`자세보조용구-소지\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1126.2 on 2646 degrees of freedom

AIC: 1206.2

**> summary(glm(d3$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=d3))**

Call:glm(formula = d3$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = d3)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.4904 -0.0001 -0.0001 -0.0001 8.4904

Coefficients: (37 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -1.993e+01 4.180e-01 -4.768e+01 < 2e-16 \*\*\*

`상하지운동기구-필요\_1` -1.778e+15 1.150e+07 -1.546e+08 < 2e-16 \*\*\*

`상하지운동기구-필요\_2` NA NA NA NA

`상하지운동기구-소지\_1` -2.231e+17 9.411e+16 -2.370e+00 0.0178 \*

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` 2.249e+17 9.411e+16 2.389e+00 0.0169 \*

`상하지운동기구-사용\_2` -1.969e+18 9.411e+16 -2.092e+01 < 2e-16 \*\*\*

`팔받침대-필요\_1` 1.417e+17 2.183e+07 6.488e+09 < 2e-16 \*\*\*

`팔받침대-필요\_2` NA NA NA NA

`팔받침대-소지\_1` 4.373e+18 5.502e+07 7.948e+10 < 2e-16 \*\*\*

`팔받침대-소지\_2` NA NA NA NA

`팔받침대-사용\_0` NA NA NA NA

`팔받침대-사용\_1` 1.236e+18 7.646e+07 1.616e+10 < 2e-16 \*\*\*

`팔받침대-사용\_2` NA NA NA NA

`기타-필요...459\_1` -9.314e+14 1.894e+07 -4.918e+07 < 2e-16 \*\*\*

`기타-필요...459\_2` NA NA NA NA

`기타-소지...460\_1` -5.397e+15 3.389e+07 -1.593e+08 < 2e-16 \*\*\*

`기타-소지...460\_2` NA NA NA NA

`기타-사용...461\_0` NA NA NA NA

`기타-사용...461\_1` 2.490e+15 3.669e+07 6.785e+07 < 2e-16 \*\*\*

`기타-사용...461\_2` NA NA NA NA

`보청기 - 필요\_1` -4.755e+00 8.084e-01 -5.882e+00 4.06e-09 \*\*\*

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` -2.475e+00 1.620e+00 -1.528e+00 0.1265

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` 3.543e+00 1.436e+00 2.467e+00 0.0136 \*

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` 2.179e+00 3.900e+00 5.590e-01 0.5764

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` -3.815e+15 6.783e+07 -5.623e+07 < 2e-16 \*\*\*

`의사소통 보조기기-소지\_2` NA NA NA NA

`욕창방지용매트-필요\_1` -8.042e+15 1.571e+07 -5.121e+08 < 2e-16 \*\*\*

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` -6.094e+16 4.328e+07 -1.408e+09 < 2e-16 \*\*\*

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` 6.992e+16 4.285e+07 1.632e+09 < 2e-16 \*\*\*

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` -1.979e+15 1.772e+07 -1.117e+08 < 2e-16 \*\*\*

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` -4.155e+02 1.668e+01 -2.491e+01 < 2e-16 \*\*\*

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` 1.128e+15 2.222e+07 5.077e+07 < 2e-16 \*\*\*

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` -1.951e+00 1.127e+00 -1.732e+00 0.0833 .

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` -3.182e+15 3.742e+07 -8.501e+07 < 2e-16 \*\*\*

`침대(전동 및 수동)-필요...604\_2` NA NA NA NA

`침대(전동 및 수동)-사용\_0` NA NA NA NA

`침대(전동 및 수동)-사용\_1` 1.851e+15 3.903e+07 4.743e+07 < 2e-16 \*\*\*

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`기립보조기구-필요\_1` -1.083e+15 1.151e+07 -9.406e+07 < 2e-16 \*\*\*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` 1.441e+15 2.408e+07 5.984e+07 < 2e-16 \*\*\*

`기립보조기구-소지\_2` NA NA NA NA

`기저귀매트-필요\_1` 6.541e+14 1.672e+07 3.913e+07 < 2e-16 \*\*\*

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` -1.149e+15 2.017e+07 -5.698e+07 < 2e-16 \*\*\*

`기저귀매트-소지\_2` NA NA NA NA

`목욕의자및이동욕조-필요\_1` -1.879e+15 6.896e+06 -2.724e+08 < 2e-16 \*\*\*

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -1.828e+15 2.918e+07 -6.264e+07 < 2e-16 \*\*\*

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 3.017e+15 2.990e+07 1.009e+08 < 2e-16 \*\*\*

`목욕의자및이동욕조-사용\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 9062.5 on 2654 degrees of freedom

AIC: 9126.5

**> summary(glm(e3$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=e3))**

Call:glm(formula = e3$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = e3)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.1806 -0.3880 -0.2398 -0.2398 2.6696

Coefficients: (20 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.549e+00 1.123e-01 -22.706 < 2e-16 \*\*\*

`이동변기-필요\_1` 1.371e+00 5.459e-01 2.512 0.012 \*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` -8.979e+12 3.173e+13 -0.283 0.777

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` 8.979e+12 3.173e+13 0.283 0.777

`이동변기-사용\_2` 8.979e+12 3.173e+13 0.283 0.777

`특수키보드-필요\_1` -3.711e+01 4.745e+07 0.000 1.000

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` 1.058e+01 4.745e+07 0.000 1.000

`특수키보드-소지\_2` NA NA NA NA

`특수마우스-필요\_1` 1.444e+01 4.745e+07 0.000 1.000

`특수마우스-필요\_2` NA NA NA NA

`각종스위치-필요\_1` 1.629e-01 5.863e-01 0.278 0.781

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` -2.271e+01 1.620e+05 0.000 1.000

`각종스위치-소지\_2` NA NA NA NA

`음성인식장치-필요\_1` -2.511e+01 2.528e+05 0.000 1.000

`음성인식장치-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-필요\_1` 2.598e+01 5.834e+05 0.000 1.000

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` -4.021e+00 6.795e+05 0.000 1.000

`터치스크린,스크린키보드-소지\_2` NA NA NA NA

`환경제어장치-필요\_1` 2.997e-01 1.119e+00 0.268 0.789

`환경제어장치-필요\_2` NA NA NA NA

`이동식 전동리프트-필요\_1` 2.558e+00 1.594e+00 1.605 0.108

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` -2.668e+01 2.731e+05 0.000 1.000

`이동식 전동리프트-소지\_2` NA NA NA NA

`주택개조-필요\_1` 1.806e-01 3.344e-01 0.540 0.589

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` -2.434e+01 1.292e+05 0.000 1.000

`주택개조-소지\_2` NA NA NA NA

`장애인용의복-필요\_1` 8.419e-01 1.525e+00 0.552 0.581

`장애인용의복-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-필요\_1` -2.331e+01 1.387e+05 0.000 1.000

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` -1.426e-02 1.665e+05 0.000 1.000

`자동차개조,운전보조장치-소지\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -9.857e-01 1.991e-01 -4.951 7.37e-07 \*\*\*

`스마트폰 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1081.1 on 2664 degrees of freedom

AIC: 1125.1

**4차 시행**

**> summary(glm(a4$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=a4))**

Call:glm(formula = a4$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = a4)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (7 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -3.970e+15 5.577e+07 -71180375 <2e-16 \*\*\*

생년 -1.904e+15 1.470e+07 -129477554 <2e-16 \*\*\*

`장애등록 연도` 6.220e+14 7.315e+06 85041897 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 3.723e+15 2.650e+07 140491454 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -1.724e+15 1.083e+07 -159152455 <2e-16 \*\*\*

`월 평균 총가구소득` -1.087e+15 4.124e+07 -26357279 <2e-16 \*\*\*

`가구 주된 수입원` -3.767e+13 4.601e+06 -8186344 <2e-16 \*\*\*

`가구 월평균 지출액` -3.090e+15 2.569e+07 -120281062 <2e-16 \*\*\*

`장애발생시 연령...36` -5.360e+14 9.967e+06 -53779935 <2e-16 \*\*\*

`월 혈압약 일수` 1.053e+15 2.747e+06 383522819 <2e-16 \*\*\*

`관절통증 정도` -1.914e+14 4.383e+06 -43664792 <2e-16 \*\*\*

`운동 시간(분)` 4.201e+13 1.348e+07 3115411 <2e-16 \*\*\*

`키(센티)` -3.922e+14 9.074e+06 -43225529 <2e-16 \*\*\*

`몸무게(kg)` -1.056e+15 6.501e+07 -16245464 <2e-16 \*\*\*

성별\_1 -1.056e+13 3.132e+06 -3372519 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 5.309e+14 1.129e+07 47034558 <2e-16 \*\*\*

장애등급...20\_2 3.650e+14 7.296e+06 50028289 <2e-16 \*\*\*

장애등급...20\_3 2.360e+14 5.012e+06 47088881 <2e-16 \*\*\*

장애등급...20\_4 -4.213e+14 4.195e+06 -100437921 <2e-16 \*\*\*

장애등급...20\_5 1.493e+14 3.417e+06 43691068 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.258e+15 4.848e+07 67207359 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 4.295e+15 5.125e+07 83793208 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.421e+15 4.882e+07 49592141 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 3.928e+15 5.490e+07 71556737 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 2.745e+14 4.983e+07 5508248 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 3.479e+15 4.886e+07 71214368 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 5.159e+14 5.955e+07 8662818 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 1.543e+15 4.980e+07 30980851 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 7.858e+14 8.358e+07 9401716 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 2.323e+15 5.059e+07 45930430 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 3.462e+15 4.928e+07 70242619 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 1.586e+15 5.131e+07 30906871 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.415e+15 4.964e+07 48641171 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 2.338e+15 4.977e+07 46970284 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 2.546e+15 4.858e+07 52411446 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` 2.199e+14 1.058e+07 20779237 <2e-16 \*\*\*

`장애부위(상지)...31\_1` 4.976e+14 9.716e+06 51217771 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 5.536e+14 1.006e+07 55006343 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` -3.442e+14 7.367e+06 -46729020 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 1.806e+14 5.073e+06 35590308 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 8.075e+12 5.180e+06 1558854 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 1.431e+14 6.398e+06 22366822 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -3.274e+15 3.870e+07 -84611501 <2e-16 \*\*\*

`가장 불편한부위\_12` -3.371e+15 3.278e+07 -102833002 <2e-16 \*\*\*

`가장 불편한부위\_13` -1.804e+15 3.195e+07 -56479079 <2e-16 \*\*\*

`가장 불편한부위\_14` -2.665e+14 2.751e+07 -9688491 <2e-16 \*\*\*

`가장 불편한부위\_15` -3.767e+15 5.471e+07 -68860282 <2e-16 \*\*\*

`가장 불편한부위\_16` -3.111e+15 3.165e+07 -98304711 <2e-16 \*\*\*

`가장 불편한부위\_17` 3.260e+14 2.949e+07 11054789 <2e-16 \*\*\*

`가장 불편한부위\_18` -2.132e+15 3.319e+07 -64245318 <2e-16 \*\*\*

`가장 불편한부위\_19` -2.700e+15 3.474e+07 -77718321 <2e-16 \*\*\*

`가장 불편한부위\_21` 2.749e+14 2.873e+07 9569628 <2e-16 \*\*\*

`가장 불편한부위\_22` 1.361e+15 3.677e+07 36998428 <2e-16 \*\*\*

`가장 불편한부위\_23` -6.133e+14 2.731e+07 -22461532 <2e-16 \*\*\*

`가장 불편한부위\_24` -6.017e+14 2.738e+07 -21971629 <2e-16 \*\*\*

`가장 불편한부위\_25` 7.320e+14 3.045e+07 24040526 <2e-16 \*\*\*

`가장 불편한부위\_26` 5.924e+14 3.110e+07 19047252 <2e-16 \*\*\*

`가장 불편한부위\_27` -2.628e+15 4.823e+07 -54493624 <2e-16 \*\*\*

`가장 불편한부위\_31` 3.362e+14 2.844e+07 11821966 <2e-16 \*\*\*

`가장 불편한부위\_32` -4.729e+13 2.896e+07 -1633028 <2e-16 \*\*\*

`가장 불편한부위\_33` -3.029e+15 2.989e+07 -101339188 <2e-16 \*\*\*

`가장 불편한부위\_34` 5.189e+14 2.881e+07 18008685 <2e-16 \*\*\*

`가장 불편한부위\_35` -2.876e+14 2.696e+07 -10665624 <2e-16 \*\*\*

`가장 불편한부위\_36` -6.256e+14 2.674e+07 -23395023 <2e-16 \*\*\*

`가장 불편한부위\_37` -1.352e+15 2.765e+07 -48891945 <2e-16 \*\*\*

`가장 불편한부위\_38` 3.859e+13 2.619e+07 1473021 <2e-16 \*\*\*

`가장 불편한부위\_41` -1.823e+15 3.127e+07 -58306553 <2e-16 \*\*\*

`가장 불편한부위\_42` 1.581e+14 3.013e+07 5245419 <2e-16 \*\*\*

`가장 불편한부위\_43` -2.529e+15 2.920e+07 -86617117 <2e-16 \*\*\*

`가장 불편한부위\_44` -2.543e+15 3.023e+07 -84122980 <2e-16 \*\*\*

`가장 불편한부위\_45` -1.289e+15 2.899e+07 -44462214 <2e-16 \*\*\*

`가장 불편한부위\_46` -6.183e+13 3.683e+07 -1678694 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 13552 on 2614 degrees of freedom

AIC: 13696

**> summary(glm(b4$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=b4))**

Call:glm(formula = b4$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = b4)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.0016 -0.3690 -0.3207 -0.2540 2.7980

Coefficients: (8 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.442e+00 1.128e+00 -2.165e+00 0.0304 \*

장애발생시기...35\_1 1.402e+00 1.873e+00 7.480e-01 0.4542

장애발생시기...35\_2 -4.529e-01 1.172e+00 -3.870e-01 0.6991

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -4.504e+15 2.373e+07 -1.898e+08 <2e-16 \*\*\*

`장애주된 원인\_14` -1.299e+00 2.047e+00 -6.350e-01 0.5256

`장애주된 원인\_15` -4.504e+15 4.745e+07 -9.491e+07 <2e-16 \*\*\*

`장애주된 원인\_17` -9.688e+00 1.576e+03 -6.000e-03 0.9951

`장애주된 원인\_31` -4.504e+15 6.712e+07 -6.710e+07 <2e-16 \*\*\*

`장애주된 원인\_40` 2.622e+12 2.473e+13 1.060e-01 0.9156

`장애주된 원인\_43` 5.238e+14 2.713e+15 1.930e-01 0.8469

`장애주된 원인\_46` 3.599e+14 9.945e+14 3.620e-01 0.7175

`장애주된 원인\_47` -9.910e+00 3.246e+02 -3.100e-02 0.9756

`장애주된 원인\_48` -4.644e-01 1.128e+00 -4.120e-01 0.6805

`장애주된 원인\_49` 1.392e+13 6.045e+13 2.300e-01 0.8179

`장애주된 원인\_50` 2.622e+12 2.473e+13 1.060e-01 0.9156

`장애주된 원인\_51` -2.538e+01 2.585e+05 0.000e+00 0.9999

`장애주된 원인\_60` -2.192e+01 5.722e+04 0.000e+00 0.9997

`장애주된 원인\_61` -1.155e+00 1.279e+00 -9.030e-01 0.3664

`장애주된 원인\_62` -3.552e-01 1.112e+00 -3.190e-01 0.7495

`장애주된 원인\_63` 4.044e-02 1.134e+00 3.600e-02 0.9715

`장애주된 원인\_64` -3.029e-01 1.210e+00 -2.500e-01 0.8023

`장애주된 원인\_65` 1.058e+00 1.251e+00 8.460e-01 0.3976

`장애주된 원인\_66` -4.562e-01 1.423e+00 -3.210e-01 0.7486

`장애주된 원인\_67` 1.508e+00 1.591e+00 9.480e-01 0.3432

`장애주된 원인\_68` 3.193e-01 1.287e+00 2.480e-01 0.8041

`장애주된 원인\_69` 2.863e-01 1.081e+00 2.650e-01 0.7911

`장애주된 원인\_70` -2.398e+01 3.571e+05 0.000e+00 0.9999

`장애주된 원인\_71` -2.376e+01 2.297e+05 0.000e+00 0.9999

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_103 -4.506e+15 2.473e+13 -1.822e+02 <2e-16 \*\*\*

질병명...38\_105 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_108 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_109 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_134 -5.238e+14 2.713e+15 -1.930e-01 0.8469

질병명...38\_137 -5.238e+14 2.713e+15 -1.930e-01 0.8469

질병명...38\_139 -5.238e+14 2.713e+15 -1.930e-01 0.8469

질병명...38\_156 -3.599e+14 9.945e+14 -3.620e-01 0.7175

질병명...38\_159 -3.599e+14 9.945e+14 -3.620e-01 0.7175

질병명...38\_166 NA NA NA NA

질병명...38\_171 6.154e-01 5.327e-01 1.155e+00 0.2480

질병명...38\_173 -2.345e-01 1.129e+00 -2.080e-01 0.8354

질병명...38\_174 -2.315e+01 1.033e+05 0.000e+00 0.9998

질병명...38\_175 1.409e-01 4.868e-01 2.890e-01 0.7722

질병명...38\_177 -2.423e+01 7.000e+04 0.000e+00 0.9997

질병명...38\_178 -2.334e+01 2.030e+05 0.000e+00 0.9999

질병명...38\_179 -2.345e+01 2.027e+05 0.000e+00 0.9999

질병명...38\_180 NA NA NA NA

질병명...38\_181 -1.392e+13 6.045e+13 -2.300e-01 0.8179

질병명...38\_184 -1.392e+13 6.045e+13 -2.300e-01 0.8179

질병명...38\_186 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_188 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_190 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_191 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_192 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_201 -2.622e+12 2.473e+13 -1.060e-01 0.9156

질병명...38\_300 -2.622e+12 2.473e+13 -1.060e-01 0.9156

산업재해인정여부...39\_0 5.053e-01 2.778e-01 1.819e+00 0.0689 .

산업재해인정여부...39\_1 -1.273e-01 4.582e-01 -2.780e-01 0.7812

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -2.383e+01 1.440e+05 0.000e+00 0.9999

`주된 진단명...40\_2` -7.328e-01 1.129e+00 -6.490e-01 0.5162

`주된 진단명...40\_3` 5.250e-01 1.207e+00 4.350e-01 0.6636

`주된 진단명...40\_4` -5.140e-01 7.477e-01 -6.870e-01 0.4918

`주된 진단명...40\_5` 7.425e-01 6.239e+04 0.000e+00 1.0000

`주된 진단명...40\_6` -7.642e-01 5.614e-01 -1.361e+00 0.1734

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` -1.283e+00 5.428e-01 -2.364e+00 0.0181 \*

`주된 진단명...40\_9` -2.402e-02 1.169e+00 -2.100e-02 0.9836

`주된 진단명...40\_10` 3.951e-01 7.292e-01 5.420e-01 0.5880

`주된 진단명...40\_11` -6.524e-01 6.030e-01 -1.082e+00 0.2793

`주된 진단명...40\_12` -8.024e-01 4.720e-01 -1.700e+00 0.0892 .

`주된 진단명...40\_13` 9.313e-01 1.184e+00 7.860e-01 0.4317

`주된 진단명...40\_14` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1083.3 on 2618 degrees of freedom

AIC: 1219.3

**> summary(glm(c4$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=c4))**

Call:glm(formula = c4$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = c4)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.0112 -0.3765 -0.3049 -0.2242 3.0605

Coefficients: (16 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -1.194e+12 7.248e+12 -0.165 0.869168

`건강보험가입여부 및 형태\_1` -2.082e+00 1.525e+00 -1.365 0.172112

`건강보험가입여부 및 형태\_2` -2.246e+00 1.531e+00 -1.467 0.142316

`건강보험가입여부 및 형태\_3` -1.968e+00 1.544e+00 -1.275 0.202408

`건강보험가입여부 및 형태\_4` -2.886e+00 1.844e+00 -1.565 0.117635

`건강보험가입여부 및 형태\_5` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` -1.051e+00 3.750e-01 -2.803 0.005056 \*\*

`국가유공자, 차상위경감 대상여부\_1` -6.346e-01 5.643e-01 -1.124 0.260819

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`현재 지속적 진료여부\_1` 1.649e+00 1.019e+00 1.619 0.105504

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -1.472e+01 1.511e+03 -0.010 0.992229

`주관적 건강 평가\_2` -1.642e+00 5.574e-01 -2.945 0.003226 \*\*

`주관적 건강 평가\_3` -1.157e+00 3.010e-01 -3.843 0.000122 \*\*\*

`주관적 건강 평가\_4` -4.187e-01 2.289e-01 -1.829 0.067340 .

`주관적 건강 평가\_5` NA NA NA NA

`건강검진 여부\_1` -2.323e-02 2.812e-01 -0.083 0.934149

`건강검진 여부\_2` NA NA NA NA

`암검진 여부\_1` -1.892e-01 2.350e-01 -0.805 0.420790

`암검진 여부\_2` NA NA NA NA

`구강건강 검진 여부\_1` -5.720e-02 1.986e-01 -0.288 0.773282

`구강건강 검진 여부\_2` NA NA NA NA

`인플루엔자 예방접종여부\_1` 2.823e-01 2.450e-01 1.152 0.249343

`인플루엔자 예방접종여부\_2` NA NA NA NA

`입원치료 여부\_1` 3.323e-01 1.994e-01 1.667 0.095591 .

`입원치료 여부\_2` NA NA NA NA

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_1` 1.978e-02 2.045e-01 0.097 0.922952

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_2` NA NA NA NA

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_1` 1.090e+00 6.131e-01 1.777 0.075496 .

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_2` NA NA NA NA

사고발생내용1\_0 NA NA NA NA

사고발생내용1\_1 -1.728e+00 1.204e+00 -1.435 0.151223

사고발생내용1\_2 -1.284e+00 7.204e-01 -1.782 0.074693 .

사고발생내용1\_3 -4.511e-01 9.795e-01 -0.461 0.645156

사고발생내용1\_4 -6.834e-01 1.302e+00 -0.525 0.599545

사고발생내용1\_5 -5.683e+00 1.943e+01 -0.293 0.769894

사고발생내용1\_6 -3.971e+03 3.875e+07 0.000 0.999918

사고발생내용1\_8 -1.250e+01 2.958e+02 -0.042 0.966283

사고발생내용1\_10 NA NA NA NA

사고발생내용2\_0 3.449e+13 2.756e+14 0.125 0.900412

사고발생내용2\_2 3.449e+13 2.756e+14 0.125 0.900412

사고발생내용2\_3 3.449e+13 2.756e+14 0.125 0.900412

사고발생내용2\_4 3.449e+13 2.756e+14 0.125 0.900412

사고발생내용2\_10 3.449e+13 2.756e+14 0.125 0.900412

사고발생내용3\_0 -3.330e+13 2.750e+14 -0.121 0.903627

사고발생내용3\_3 -3.330e+13 2.750e+14 -0.121 0.903627

`미충족의료 경험 유무\_1` -2.080e-01 2.232e-01 -0.932 0.351500

`미충족의료 경험 유무\_2` NA NA NA NA

`희귀난치성질환 여부\_1` -2.381e+01 3.214e+05 0.000 0.999941

`희귀난치성질환 여부\_2` NA NA NA NA

`희귀난치성질환 등록 여부\_0` -2.353e+01 3.214e+05 0.000 0.999942

`희귀난치성질환 등록 여부\_1` -1.475e+00 1.187e+00 -1.243 0.214046

`희귀난치성질환 등록 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1068.5 on 2649 degrees of freedom

AIC: 1142.5

**> summary(glm(d4$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=d4))**

Call:glm(formula = d4$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = d4)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (23 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -4.852e+15 1.238e+08 -39179894 <2e-16 \*\*\*

`혈압약 복용 여부\_0` 1.121e+15 1.273e+07 88019165 <2e-16 \*\*\*

`혈압약 복용 여부\_1` 1.478e+15 1.275e+07 115923501 <2e-16 \*\*\*

`혈압약 복용 여부\_2` NA NA NA NA

`혈당관리 치료 여부\_0` -4.269e+14 1.561e+07 -27346995 <2e-16 \*\*\*

`혈당관리 치료 여부\_1` -5.384e+13 2.444e+07 -2202748 <2e-16 \*\*\*

`혈당관리 치료 여부\_2` NA NA NA NA

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` -5.851e+14 1.135e+07 -51562795 <2e-16 \*\*\*

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` -5.836e+14 1.867e+07 -31266777 <2e-16 \*\*\*

`혈당치료 - 당뇨병약\_2` NA NA NA NA

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` -5.055e+13 5.673e+06 -8910918 <2e-16 \*\*\*

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` -8.077e+14 3.897e+07 -20726059 <2e-16 \*\*\*

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` 4.050e+14 1.128e+07 35905777 <2e-16 \*\*\*

`우울증 치료 여부\_1` 2.558e+14 1.286e+07 19899008 <2e-16 \*\*\*

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` -2.930e+13 1.220e+07 -2401579 <2e-16 \*\*\*

`암 종류1\_1` 7.690e+14 2.090e+07 36793901 <2e-16 \*\*\*

`암 종류1\_2` -3.508e+14 2.142e+07 -16372229 <2e-16 \*\*\*

`암 종류1\_3` -1.900e+15 2.168e+07 -87626551 <2e-16 \*\*\*

`암 종류1\_4` -2.493e+15 2.232e+07 -111665122 <2e-16 \*\*\*

`암 종류1\_5` -1.889e+15 3.720e+07 -50794221 <2e-16 \*\*\*

`암 종류1\_6` 9.984e+14 2.451e+07 40735671 <2e-16 \*\*\*

`암 종류1\_7` -2.209e+15 2.668e+07 -82796572 <2e-16 \*\*\*

`암 종류1\_8` 2.172e+15 3.001e+07 72377070 <2e-16 \*\*\*

`암 종류1\_9` -2.953e+15 9.747e+07 -30294302 <2e-16 \*\*\*

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -3.271e+14 4.170e+07 -7843929 <2e-16 \*\*\*

`암 종류2\_2` -1.061e+15 8.514e+07 -12464133 <2e-16 \*\*\*

`암 종류2\_3` -3.967e+14 7.966e+07 -4979445 <2e-16 \*\*\*

`암 종류2\_4` 8.594e+14 1.298e+08 6622457 <2e-16 \*\*\*

`암 종류2\_6` -2.084e+15 7.949e+07 -26217189 <2e-16 \*\*\*

`암 종류2\_8` -7.540e+14 7.963e+07 -9468826 <2e-16 \*\*\*

`암 종류2\_9` 5.844e+14 8.114e+07 7201977 <2e-16 \*\*\*

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` 1.824e+15 1.015e+08 17966177 <2e-16 \*\*\*

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` NA NA NA NA

`지난 2주간 아팠음 여부\_1` -1.011e+15 6.360e+06 -158951053 <2e-16 \*\*\*

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` 2.375e+15 2.767e+07 85827071 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_2` 1.102e+15 1.601e+07 68826716 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_3` -1.355e+14 1.373e+07 -9868555 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_4` -1.066e+15 2.045e+07 -52143435 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_5` -1.230e+15 1.337e+07 -92032263 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_6` 1.680e+14 3.366e+07 4990943 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_7` 1.314e+15 1.602e+07 82035475 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_8` -4.106e+15 4.762e+07 -86219204 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_10` -1.542e+15 2.136e+07 -72152570 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_12` 9.466e+14 2.392e+07 39570297 <2e-16 \*\*\*

`지난 2주간 아팠던 날수\_14` NA NA NA NA

`EQ-5D (자기관리)\_0` -3.415e+15 6.829e+07 -50005956 <2e-16 \*\*\*

`EQ-5D (자기관리)\_1` 3.789e+14 1.230e+07 30795132 <2e-16 \*\*\*

`EQ-5D (자기관리)\_2` 1.004e+15 1.174e+07 85503673 <2e-16 \*\*\*

`EQ-5D (자기관리)\_3` NA NA NA NA

`ADL - 구강청결\_1` -8.587e+14 2.544e+07 -33758551 <2e-16 \*\*\*

`ADL - 구강청결\_2` -4.245e+14 2.434e+07 -17443184 <2e-16 \*\*\*

`ADL - 구강청결\_3` -1.975e+14 2.463e+07 -8018902 <2e-16 \*\*\*

`ADL - 구강청결\_4` NA NA NA NA

`ADL - 식사하기\_1` -6.568e+14 2.826e+07 -23241726 <2e-16 \*\*\*

`ADL - 식사하기\_2` 5.657e+12 2.750e+07 205732 <2e-16 \*\*\*

`ADL - 식사하기\_3` -6.036e+13 3.077e+07 -1961831 <2e-16 \*\*\*

`ADL - 식사하기\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 7.509e+14 9.909e+06 75780299 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_2` 1.552e+15 9.775e+06 158737404 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_3` 9.437e+14 9.809e+06 96211062 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`도움 계속 필요 여부\_0` -2.197e+14 2.798e+07 -7854563 <2e-16 \*\*\*

`도움 계속 필요 여부\_1` 2.172e+15 2.796e+07 77680021 <2e-16 \*\*\*

`도움 계속 필요 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 15138 on 2632 degrees of freedom

AIC: 15246

**> summary(glm(e4$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=e4))**

Call:glm(formula = e4$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = e4)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.3091 -0.3176 -0.2759 -0.2189 3.0545

Coefficients: (36 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -2.972e+00 3.838e-01 -7.744e+00 9.64e-15 \*\*\*

`척추보조기-필요\_1` 3.666e-02 3.070e-01 1.190e-01 0.904960

`척추보조기-필요\_2` NA NA NA NA

`상지보조기-필요\_1` 1.453e+00 6.174e-01 2.354e+00 0.018577 \*

`상지보조기-필요\_2` NA NA NA NA

`맞춤형 교정용신발-소지\_1` -9.175e+12 4.042e+13 -2.270e-01 0.820441

`맞춤형 교정용신발-소지\_2` NA NA NA NA

`맞춤형 교정용신발-사용\_0` NA NA NA NA

`맞춤형 교정용신발-사용\_1` 9.175e+12 4.042e+13 2.270e-01 0.820441

`맞춤형 교정용신발-사용\_2` 9.175e+12 4.042e+13 2.270e-01 0.820441

`지팡이-사용\_0` -2.653e-02 3.991e-01 -6.600e-02 0.946998

`지팡이-사용\_1` 7.965e-01 4.016e-01 1.983e+00 0.047352 \*

`지팡이-사용\_2` NA NA NA NA

`상하지운동기구-필요\_1` -5.034e-01 8.193e-01 -6.150e-01 0.538884

`상하지운동기구-필요\_2` NA NA NA NA

`상하지운동기구-소지\_1` 1.661e+13 8.088e+13 2.050e-01 0.837268

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` -1.661e+13 8.088e+13 -2.050e-01 0.837268

`상하지운동기구-사용\_2` -4.520e+15 8.088e+13 -5.588e+01 < 2e-16 \*\*\*

`팔받침대-필요\_1` 4.671e-01 1.103e+00 4.230e-01 0.671988

`팔받침대-필요\_2` NA NA NA NA

`팔받침대-소지\_1` -1.817e+01 3.245e+04 -1.000e-03 0.999553

`팔받침대-소지\_2` NA NA NA NA

`팔받침대-사용\_0` NA NA NA NA

`팔받침대-사용\_1` -6.368e-01 3.512e+04 0.000e+00 0.999986

`팔받침대-사용\_2` NA NA NA NA

`기타-필요...459\_1` -2.016e+00 1.209e+00 -1.667e+00 0.095425 .

`기타-필요...459\_2` NA NA NA NA

`기타-소지...460\_1` -8.832e+00 1.227e+02 -7.200e-02 0.942594

`기타-소지...460\_2` NA NA NA NA

`기타-사용...461\_0` NA NA NA NA

`기타-사용...461\_1` 1.060e+01 1.227e+02 8.600e-02 0.931150

`기타-사용...461\_2` NA NA NA NA

`보청기 - 소지\_1` 4.965e+12 3.062e+13 1.620e-01 0.871199

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` -4.965e+12 3.062e+13 -1.620e-01 0.871199

`보청기 - 사용\_2` -4.965e+12 3.062e+13 -1.620e-01 0.871199

`의사소통 보조기기-소지\_1` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`의사소통 보조기기-소지\_2` NA NA NA NA

`욕창방지용매트-필요\_1` 1.559e-01 8.305e-01 1.880e-01 0.851081

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` 4.794e+12 2.104e+13 2.280e-01 0.819786

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` -4.794e+12 2.104e+13 -2.280e-01 0.819786

`욕창방지용매트-사용\_2` -4.794e+12 2.104e+13 -2.280e-01 0.819786

`욕창방지용방석-필요\_1` 2.884e-01 9.437e-01 3.060e-01 0.759901

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` 9.530e+12 6.948e+13 1.370e-01 0.890897

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` -9.530e+12 6.948e+13 -1.370e-01 0.890897

`욕창방지용방석-사용\_2` -4.513e+15 6.948e+13 -6.496e+01 < 2e-16 \*\*\*

`침대(전동 및 수동)-필요...604\_1` -1.600e+13 8.114e+13 -1.970e-01 0.843711

`침대(전동 및 수동)-필요...604\_2` NA NA NA NA

`침대(전동 및 수동)-사용\_0` NA NA NA NA

`침대(전동 및 수동)-사용\_1` 1.600e+13 8.114e+13 1.970e-01 0.843711

`침대(전동 및 수동)-사용\_2` -4.488e+15 8.114e+13 -5.531e+01 < 2e-16 \*\*\*

`기립보조기구-필요\_1` 1.448e-01 5.966e-01 2.430e-01 0.808267

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -7.366e-01 1.352e+00 -5.450e-01 0.585823

`기립보조기구-소지\_2` NA NA NA NA

`기저귀매트-필요\_1` 1.100e+00 6.810e-01 1.615e+00 0.106273

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` -5.588e-01 8.251e-01 -6.770e-01 0.498253

`기저귀매트-소지\_2` NA NA NA NA

`목욕의자및이동욕조-필요\_1` 5.825e-01 3.922e-01 1.485e+00 0.137538

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -7.054e+10 8.397e+12 -8.000e-03 0.993297

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 7.054e+10 8.397e+12 8.000e-03 0.993297

`목욕의자및이동욕조-사용\_2` 7.054e+10 8.397e+12 8.000e-03 0.993297

`이동변기-필요\_1` -1.074e-01 3.981e-01 -2.700e-01 0.787274

`이동변기-필요\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -7.210e-01 2.116e-01 -3.408e+00 0.000655 \*\*\*

`스마트폰 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1029.8 on 2643 degrees of freedom

AIC: 1115.8

**5차 시행**

**> summary(glm(a5$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=a5))**

Call:glm(formula = a5$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = a5)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (8 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -5.988e+15 5.684e+07 -105338848 <2e-16 \*\*\*

생년 -2.029e+15 1.539e+07 -131841869 <2e-16 \*\*\*

`장애등록 연도` 3.786e+14 7.421e+06 51027017 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 1.343e+15 2.663e+07 50421532 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -5.769e+14 1.089e+07 -52952425 <2e-16 \*\*\*

`월 평균 총가구소득` 1.217e+13 4.135e+07 294204 <2e-16 \*\*\*

`가구 주된 수입원` -1.420e+14 4.630e+06 -30664296 <2e-16 \*\*\*

`가구 월평균 지출액` -2.176e+15 2.581e+07 -84298223 <2e-16 \*\*\*

`장애발생시 연령...36` -8.381e+13 1.147e+07 -7309028 <2e-16 \*\*\*

`월 혈압약 일수` 6.161e+14 2.757e+06 223438324 <2e-16 \*\*\*

`관절통증 정도` 1.915e+13 4.403e+06 4348634 <2e-16 \*\*\*

`운동 시간(분)` 2.338e+14 1.354e+07 17265115 <2e-16 \*\*\*

`키(센티)` -1.641e+13 9.107e+06 -1802109 <2e-16 \*\*\*

`몸무게(kg)` -1.479e+15 6.513e+07 -22707238 <2e-16 \*\*\*

성별\_1 3.891e+13 3.245e+06 11992414 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 9.981e+14 1.144e+07 87223901 <2e-16 \*\*\*

장애등급...20\_2 2.931e+14 7.368e+06 39781349 <2e-16 \*\*\*

장애등급...20\_3 2.743e+14 5.041e+06 54418288 <2e-16 \*\*\*

장애등급...20\_4 1.124e+14 4.233e+06 26550487 <2e-16 \*\*\*

장애등급...20\_5 9.288e+13 3.442e+06 26982509 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 2.376e+15 4.854e+07 48952373 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 3.168e+15 5.140e+07 61641718 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.193e+15 4.888e+07 44866490 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 2.858e+15 5.500e+07 51970980 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 1.127e+15 4.991e+07 22586831 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 2.502e+15 4.893e+07 51127745 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 3.228e+14 5.958e+07 5417872 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 1.828e+15 4.986e+07 36669464 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 3.527e+15 8.491e+07 41542836 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 2.343e+15 5.068e+07 46224460 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 2.511e+15 4.936e+07 50871106 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` -1.160e+15 5.140e+07 -22568015 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.177e+15 4.970e+07 43792307 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 2.292e+15 4.982e+07 46011673 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 2.319e+15 4.864e+07 47682266 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` 7.231e+14 1.076e+07 67177262 <2e-16 \*\*\*

`장애부위(상지)...31\_1` 9.053e+13 9.823e+06 9216007 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 2.023e+14 1.015e+07 19933285 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 6.390e+14 7.412e+06 86205262 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 2.531e+14 5.171e+06 48952170 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 6.061e+13 5.279e+06 11480375 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 1.226e+15 6.435e+06 190543078 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -7.438e+13 4.081e+07 -1822594 <2e-16 \*\*\*

`가장 불편한부위\_12` 9.367e+14 3.525e+07 26573495 <2e-16 \*\*\*

`가장 불편한부위\_13` -1.921e+14 3.452e+07 -5564749 <2e-16 \*\*\*

`가장 불편한부위\_14` 1.144e+15 3.044e+07 37584950 <2e-16 \*\*\*

`가장 불편한부위\_15` -2.297e+15 5.637e+07 -40746617 <2e-16 \*\*\*

`가장 불편한부위\_16` -4.177e+14 3.490e+07 -11968178 <2e-16 \*\*\*

`가장 불편한부위\_17` 1.834e+15 3.226e+07 56854405 <2e-16 \*\*\*

`가장 불편한부위\_18` -1.638e+15 3.569e+07 -45891926 <2e-16 \*\*\*

`가장 불편한부위\_19` 2.604e+14 3.708e+07 7024201 <2e-16 \*\*\*

`가장 불편한부위\_21` 1.979e+15 3.138e+07 63057617 <2e-16 \*\*\*

`가장 불편한부위\_22` 2.267e+15 3.913e+07 57934272 <2e-16 \*\*\*

`가장 불편한부위\_23` 1.794e+15 3.015e+07 59508236 <2e-16 \*\*\*

`가장 불편한부위\_24` 9.778e+14 3.010e+07 32488682 <2e-16 \*\*\*

`가장 불편한부위\_25` 2.494e+15 3.308e+07 75400854 <2e-16 \*\*\*

`가장 불편한부위\_26` 2.393e+15 3.335e+07 71754422 <2e-16 \*\*\*

`가장 불편한부위\_27` 2.711e+15 5.033e+07 53859517 <2e-16 \*\*\*

`가장 불편한부위\_31` 1.706e+15 3.120e+07 54676238 <2e-16 \*\*\*

`가장 불편한부위\_32` 1.587e+15 3.178e+07 49957568 <2e-16 \*\*\*

`가장 불편한부위\_33` -2.039e+15 3.260e+07 -62539317 <2e-16 \*\*\*

`가장 불편한부위\_34` 1.154e+15 3.155e+07 36562451 <2e-16 \*\*\*

`가장 불편한부위\_35` 1.568e+15 2.968e+07 52815944 <2e-16 \*\*\*

`가장 불편한부위\_36` 1.583e+15 2.953e+07 53613537 <2e-16 \*\*\*

`가장 불편한부위\_37` 1.274e+15 3.023e+07 42141075 <2e-16 \*\*\*

`가장 불편한부위\_38` 2.393e+15 2.900e+07 82497097 <2e-16 \*\*\*

`가장 불편한부위\_41` -1.485e+15 3.374e+07 -44013147 <2e-16 \*\*\*

`가장 불편한부위\_42` -7.747e+14 3.221e+07 -24051330 <2e-16 \*\*\*

`가장 불편한부위\_43` 5.187e+14 3.193e+07 16244815 <2e-16 \*\*\*

`가장 불편한부위\_44` -1.279e+15 3.247e+07 -39396980 <2e-16 \*\*\*

`가장 불편한부위\_45` -1.469e+15 3.147e+07 -46693873 <2e-16 \*\*\*

`가장 불편한부위\_46` 1.276e+15 3.939e+07 32391993 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

`장애주된 원인\_10` -5.199e+14 3.159e+07 -16457791 <2e-16 \*\*\*

`장애주된 원인\_14` -9.180e+11 2.740e+07 -33505 <2e-16 \*\*\*

`장애주된 원인\_15` -2.992e+15 5.205e+07 -57491231 <2e-16 \*\*\*

`장애주된 원인\_17` -1.692e+15 3.068e+07 -55170321 <2e-16 \*\*\*

`장애주된 원인\_31` -3.544e+15 7.131e+07 -49702264 <2e-16 \*\*\*

`장애주된 원인\_40` -1.886e+14 2.482e+07 -7600518 <2e-16 \*\*\*

`장애주된 원인\_43` -1.494e+14 3.992e+07 -3741740 <2e-16 \*\*\*

`장애주된 원인\_46` -8.722e+14 2.810e+07 -31039471 <2e-16 \*\*\*

`장애주된 원인\_47` -3.635e+15 7.095e+07 -51235715 <2e-16 \*\*\*

`장애주된 원인\_48` -2.831e+14 2.041e+07 -13869893 <2e-16 \*\*\*

`장애주된 원인\_49` -4.348e+14 2.900e+07 -14991388 <2e-16 \*\*\*

`장애주된 원인\_50` -4.433e+14 2.114e+07 -20971130 <2e-16 \*\*\*

`장애주된 원인\_51` -3.011e+15 5.221e+07 -57677142 <2e-16 \*\*\*

`장애주된 원인\_60` -1.373e+15 3.416e+07 -40192874 <2e-16 \*\*\*

`장애주된 원인\_61` -8.109e+14 2.120e+07 -38256139 <2e-16 \*\*\*

`장애주된 원인\_62` -3.731e+14 2.065e+07 -18066149 <2e-16 \*\*\*

`장애주된 원인\_63` -3.561e+14 2.111e+07 -16866553 <2e-16 \*\*\*

`장애주된 원인\_64` -2.341e+14 2.206e+07 -10611602 <2e-16 \*\*\*

`장애주된 원인\_65` -1.142e+14 2.738e+07 -4170322 <2e-16 \*\*\*

`장애주된 원인\_66` 2.625e+12 2.728e+07 96196 <2e-16 \*\*\*

`장애주된 원인\_67` 3.321e+14 4.000e+07 8302195 <2e-16 \*\*\*

`장애주된 원인\_68` 2.788e+14 2.466e+07 11304794 <2e-16 \*\*\*

`장애주된 원인\_69` -1.231e+14 2.038e+07 -6042601 <2e-16 \*\*\*

`장애주된 원인\_70` -4.212e+15 7.026e+07 -59952840 <2e-16 \*\*\*

`장애주된 원인\_71` -1.818e+15 4.405e+07 -41270156 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 20977 on 2589 degrees of freedom

AIC: 21171

**> summary(glm(b5$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=b5))**

Call:glm(formula = b5$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = b5)

Deviance Residuals:

Min 1Q Median 3Q Max

-0.9641 -0.3658 -0.3116 -0.2283 2.8926

Coefficients: (4 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) 1.446e+11 7.979e+12 0.018 0.98554

질병명...38\_0 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_102 -4.504e+15 7.979e+12 -564.435 < 2e-16 \*\*\*

질병명...38\_103 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_105 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_108 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_109 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_134 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_137 4.503e+15 7.979e+12 564.398 < 2e-16 \*\*\*

질병명...38\_139 -4.504e+15 7.979e+12 -564.435 < 2e-16 \*\*\*

질병명...38\_156 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_159 -4.504e+15 7.979e+12 -564.435 < 2e-16 \*\*\*

질병명...38\_166 -4.504e+15 7.979e+12 -564.435 < 2e-16 \*\*\*

질병명...38\_171 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_173 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_174 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_175 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_177 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_178 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_179 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_180 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_181 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_184 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_186 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_188 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_190 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_191 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_192 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_201 -1.446e+11 7.979e+12 -0.018 0.98554

질병명...38\_300 -1.446e+11 7.979e+12 -0.018 0.98554

`주된 진단명...40\_1` -2.452e+01 1.369e+05 0.000 0.99986

`주된 진단명...40\_2` -1.279e+00 1.102e+00 -1.160 0.24594

`주된 진단명...40\_3` -2.725e-01 1.189e+00 -0.229 0.81868

`주된 진단명...40\_4` -9.056e-01 7.101e-01 -1.275 0.20217

`주된 진단명...40\_5` -1.052e+00 2.437e+05 0.000 1.00000

`주된 진단명...40\_6` -1.010e+00 5.360e-01 -1.885 0.05949 .

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` -1.349e+00 5.019e-01 -2.688 0.00720 \*\*

`주된 진단명...40\_9` -4.322e-01 1.150e+00 -0.376 0.70692

`주된 진단명...40\_10` -1.103e-01 6.777e-01 -0.163 0.87067

`주된 진단명...40\_11` -1.127e+00 5.744e-01 -1.962 0.04979 \*

`주된 진단명...40\_12` -1.134e+00 4.309e-01 -2.632 0.00850 \*\*

`주된 진단명...40\_13` 9.408e-02 7.460e-01 0.126 0.89965

`주된 진단명...40\_14` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` -8.071e-01 3.596e-01 -2.244 0.02481 \*

`국가유공자, 차상위경감 대상여부\_1` -1.317e-01 5.379e-01 -0.245 0.80665

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -2.386e+01 1.456e+05 0.000 0.99987

`주관적 건강 평가\_2` -1.713e+00 5.406e-01 -3.168 0.00153 \*\*

`주관적 건강 평가\_3` -1.179e+00 2.837e-01 -4.157 3.23e-05 \*\*\*

`주관적 건강 평가\_4` -4.056e-01 2.243e-01 -1.809 0.07049 .

`주관적 건강 평가\_5` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1061.5 on 2638 degrees of freedom

AIC: 1157.5

**> summary(glm(c5$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=c5))**

Call:glm(formula = c5$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = c5)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.5425 -0.3352 -0.2441 -0.1465 3.0253

Coefficients: (28 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -1.520e+12 2.701e+13 -0.056 0.95512

`혈압약 복용 여부\_0` 9.830e+00 9.382e+01 0.105 0.91655

`혈압약 복용 여부\_1` 1.086e+01 9.382e+01 0.116 0.90784

`혈압약 복용 여부\_2` NA NA NA NA

`혈당관리 치료 여부\_0` 1.061e+01 1.070e+02 0.099 0.92099

`혈당관리 치료 여부\_1` 5.390e-01 1.624e+02 0.003 0.99735

`혈당관리 치료 여부\_2` NA NA NA NA

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` -9.035e-01 1.061e+00 -0.852 0.39448

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` 1.026e+01 1.222e+02 0.084 0.93309

`혈당치료 - 당뇨병약\_2` NA NA NA NA

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` -2.254e-01 3.936e-01 -0.573 0.56692

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` -1.009e+01 2.761e+02 -0.037 0.97085

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` 2.234e-01 6.816e-01 0.328 0.74309

`우울증 치료 여부\_1` 4.776e-01 7.715e-01 0.619 0.53590

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` 3.181e-01 1.032e+00 0.308 0.75787

`암 종류1\_1` -2.039e+01 1.400e+02 -0.146 0.88427

`암 종류1\_2` 3.182e-01 1.548e+00 0.206 0.83718

`암 종류1\_3` -1.050e+01 1.212e+02 -0.087 0.93098

`암 종류1\_4` -1.012e+01 1.284e+02 -0.079 0.93716

`암 종류1\_5` -1.988e+01 2.486e+02 -0.080 0.93626

`암 종류1\_6` -1.038e+01 1.532e+02 -0.068 0.94595

`암 종류1\_7` -1.011e+01 1.814e+02 -0.056 0.95557

`암 종류1\_8` 2.667e+00 1.395e+00 1.912 0.05593 .

`암 종류1\_9` 1.068e+00 6.879e+02 0.002 0.99876

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -1.339e+01 9.579e+01 -0.140 0.88884

`암 종류2\_2` -2.823e+00 4.641e+02 -0.006 0.99515

`암 종류2\_3` -2.256e+01 5.358e+02 -0.042 0.96641

`암 종류2\_4` 6.675e+11 3.442e+13 0.019 0.98453

`암 종류2\_6` -2.457e+00 5.480e+02 -0.004 0.99642

`암 종류2\_8` -2.402e+01 4.531e+02 -0.053 0.95772

`암 종류2\_9` -1.270e+01 4.789e+02 -0.027 0.97884

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` 6.675e+11 3.441e+13 0.019 0.98452

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` 6.675e+11 3.441e+13 0.019 0.98452

`지난 2주간 아팠음 여부\_1` 4.952e-01 8.182e-01 0.605 0.54501

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` -1.173e+01 2.107e+02 -0.056 0.95558

`지난 2주간 아팠던 날수\_2` 1.081e+00 1.065e+00 1.015 0.31000

`지난 2주간 아팠던 날수\_3` -9.498e+00 9.603e+01 -0.099 0.92121

`지난 2주간 아팠던 날수\_4` -9.465e+00 1.505e+02 -0.063 0.94984

`지난 2주간 아팠던 날수\_5` -1.107e+01 9.335e+01 -0.119 0.90564

`지난 2주간 아팠던 날수\_6` -1.044e+01 2.637e+02 -0.040 0.96842

`지난 2주간 아팠던 날수\_7` -9.162e+00 1.150e+02 -0.080 0.93648

`지난 2주간 아팠던 날수\_8` -1.062e+01 3.127e+02 -0.034 0.97292

`지난 2주간 아팠던 날수\_10` -9.851e+00 1.548e+02 -0.064 0.94926

`지난 2주간 아팠던 날수\_12` 6.418e-01 1.180e+00 0.544 0.58646

`지난 2주간 아팠던 날수\_14` NA NA NA NA

`EQ-5D (자기관리)\_0` -8.427e+00 4.494e+02 -0.019 0.98504

`EQ-5D (자기관리)\_1` -1.695e+00 6.218e-01 -2.725 0.00642 \*\*

`EQ-5D (자기관리)\_2` -7.128e-01 5.442e-01 -1.310 0.19024

`EQ-5D (자기관리)\_3` NA NA NA NA

`ADL - 구강청결\_1` 1.599e+00 1.528e+00 1.047 0.29530

`ADL - 구강청결\_2` 2.397e+00 1.496e+00 1.602 0.10912

`ADL - 구강청결\_3` 2.551e+00 1.463e+00 1.743 0.08127 .

`ADL - 구강청결\_4` NA NA NA NA

`ADL - 식사하기\_1` -3.455e+00 1.524e+00 -2.267 0.02340 \*

`ADL - 식사하기\_2` -2.271e+00 1.502e+00 -1.512 0.13050

`ADL - 식사하기\_3` -2.150e+00 1.587e+00 -1.355 0.17545

`ADL - 식사하기\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 1.018e+00 6.001e-01 1.696 0.08987 .

`IADL<U+2013>대중교통수단 이용\_2` 1.267e+00 5.713e-01 2.217 0.02663 \*

`IADL<U+2013>대중교통수단 이용\_3` 8.791e-01 5.498e-01 1.599 0.10985

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`도움 계속 필요 여부\_0` 8.525e+11 1.287e+13 0.066 0.94719

`도움 계속 필요 여부\_1` 8.525e+11 1.287e+13 0.066 0.94719

`도움 계속 필요 여부\_2` 8.525e+11 1.287e+13 0.066 0.94719

`상지보조기-필요\_1` 6.106e-01 7.140e-01 0.855 0.39245

`상지보조기-필요\_2` NA NA NA NA

`지팡이-사용\_0` 1.875e-01 4.073e-01 0.460 0.64525

`지팡이-사용\_1` 8.031e-01 4.090e-01 1.964 0.04959 \*

`지팡이-사용\_2` NA NA NA NA

`상하지운동기구-사용\_0` 1.023e+01 3.496e+02 0.029 0.97665

`상하지운동기구-사용\_1` 1.051e+01 3.496e+02 0.030 0.97603

`상하지운동기구-사용\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` -1.199e+01 5.271e+02 -0.023 0.98185

`의사소통 보조기기-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` 1.208e+01 2.238e+02 0.054 0.95696

`욕창방지용방석-사용\_1` 1.266e+01 2.238e+02 0.057 0.95489

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-사용\_0` 1.257e+01 2.452e+02 0.051 0.95913

`침대(전동 및 수동)-사용\_1` 1.224e+01 2.452e+02 0.050 0.96020

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -6.024e-01 2.190e-01 -2.751 0.00595 \*\*

`스마트폰 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1139.98 on 2685 degrees of freedom

Residual deviance: 949.39 on 2619 degrees of freedom

AIC: 1083.4

**6차 시행**

**> summary(glm(a6$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=a6))**

Call:glm(formula = a6$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = a6)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (8 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -5.988e+15 5.684e+07 -105338848 <2e-16 \*\*\*

생년 -2.029e+15 1.539e+07 -131841869 <2e-16 \*\*\*

`장애등록 연도` 3.786e+14 7.421e+06 51027017 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 1.343e+15 2.663e+07 50421532 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -5.769e+14 1.089e+07 -52952425 <2e-16 \*\*\*

`월 평균 총가구소득` 1.217e+13 4.135e+07 294204 <2e-16 \*\*\*

`가구 주된 수입원` -1.420e+14 4.630e+06 -30664296 <2e-16 \*\*\*

`가구 월평균 지출액` -2.176e+15 2.581e+07 -84298223 <2e-16 \*\*\*

`장애발생시 연령...36` -8.381e+13 1.147e+07 -7309028 <2e-16 \*\*\*

`월 혈압약 일수` 6.161e+14 2.757e+06 223438324 <2e-16 \*\*\*

`관절통증 정도` 1.915e+13 4.403e+06 4348634 <2e-16 \*\*\*

`운동 시간(분)` 2.338e+14 1.354e+07 17265115 <2e-16 \*\*\*

`키(센티)` -1.641e+13 9.107e+06 -1802109 <2e-16 \*\*\*

`몸무게(kg)` -1.479e+15 6.513e+07 -22707238 <2e-16 \*\*\*

성별\_1 3.891e+13 3.245e+06 11992414 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 9.981e+14 1.144e+07 87223901 <2e-16 \*\*\*

장애등급...20\_2 2.931e+14 7.368e+06 39781349 <2e-16 \*\*\*

장애등급...20\_3 2.743e+14 5.041e+06 54418288 <2e-16 \*\*\*

장애등급...20\_4 1.124e+14 4.233e+06 26550487 <2e-16 \*\*\*

장애등급...20\_5 9.288e+13 3.442e+06 26982509 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 2.376e+15 4.854e+07 48952373 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 3.168e+15 5.140e+07 61641718 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.193e+15 4.888e+07 44866490 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 2.858e+15 5.500e+07 51970980 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 1.127e+15 4.991e+07 22586831 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 2.502e+15 4.893e+07 51127745 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 3.228e+14 5.958e+07 5417872 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 1.828e+15 4.986e+07 36669464 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 3.527e+15 8.491e+07 41542836 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 2.343e+15 5.068e+07 46224460 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 2.511e+15 4.936e+07 50871106 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` -1.160e+15 5.140e+07 -22568015 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.177e+15 4.970e+07 43792307 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 2.292e+15 4.982e+07 46011673 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 2.319e+15 4.864e+07 47682266 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` 7.231e+14 1.076e+07 67177262 <2e-16 \*\*\*

`장애부위(상지)...31\_1` 9.053e+13 9.823e+06 9216007 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 2.023e+14 1.015e+07 19933285 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 6.390e+14 7.412e+06 86205262 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 2.531e+14 5.171e+06 48952170 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 6.061e+13 5.279e+06 11480375 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 1.226e+15 6.435e+06 190543078 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -7.438e+13 4.081e+07 -1822594 <2e-16 \*\*\*

`가장 불편한부위\_12` 9.367e+14 3.525e+07 26573495 <2e-16 \*\*\*

`가장 불편한부위\_13` -1.921e+14 3.452e+07 -5564749 <2e-16 \*\*\*

`가장 불편한부위\_14` 1.144e+15 3.044e+07 37584950 <2e-16 \*\*\*

`가장 불편한부위\_15` -2.297e+15 5.637e+07 -40746617 <2e-16 \*\*\*

`가장 불편한부위\_16` -4.177e+14 3.490e+07 -11968178 <2e-16 \*\*\*

`가장 불편한부위\_17` 1.834e+15 3.226e+07 56854405 <2e-16 \*\*\*

`가장 불편한부위\_18` -1.638e+15 3.569e+07 -45891926 <2e-16 \*\*\*

`가장 불편한부위\_19` 2.604e+14 3.708e+07 7024201 <2e-16 \*\*\*

`가장 불편한부위\_21` 1.979e+15 3.138e+07 63057617 <2e-16 \*\*\*

`가장 불편한부위\_22` 2.267e+15 3.913e+07 57934272 <2e-16 \*\*\*

`가장 불편한부위\_23` 1.794e+15 3.015e+07 59508236 <2e-16 \*\*\*

`가장 불편한부위\_24` 9.778e+14 3.010e+07 32488682 <2e-16 \*\*\*

`가장 불편한부위\_25` 2.494e+15 3.308e+07 75400854 <2e-16 \*\*\*

`가장 불편한부위\_26` 2.393e+15 3.335e+07 71754422 <2e-16 \*\*\*

`가장 불편한부위\_27` 2.711e+15 5.033e+07 53859517 <2e-16 \*\*\*

`가장 불편한부위\_31` 1.706e+15 3.120e+07 54676238 <2e-16 \*\*\*

`가장 불편한부위\_32` 1.587e+15 3.178e+07 49957568 <2e-16 \*\*\*

`가장 불편한부위\_33` -2.039e+15 3.260e+07 -62539317 <2e-16 \*\*\*

`가장 불편한부위\_34` 1.154e+15 3.155e+07 36562451 <2e-16 \*\*\*

`가장 불편한부위\_35` 1.568e+15 2.968e+07 52815944 <2e-16 \*\*\*

`가장 불편한부위\_36` 1.583e+15 2.953e+07 53613537 <2e-16 \*\*\*

`가장 불편한부위\_37` 1.274e+15 3.023e+07 42141075 <2e-16 \*\*\*

`가장 불편한부위\_38` 2.393e+15 2.900e+07 82497097 <2e-16 \*\*\*

`가장 불편한부위\_41` -1.485e+15 3.374e+07 -44013147 <2e-16 \*\*\*

`가장 불편한부위\_42` -7.747e+14 3.221e+07 -24051330 <2e-16 \*\*\*

`가장 불편한부위\_43` 5.187e+14 3.193e+07 16244815 <2e-16 \*\*\*

`가장 불편한부위\_44` -1.279e+15 3.247e+07 -39396980 <2e-16 \*\*\*

`가장 불편한부위\_45` -1.469e+15 3.147e+07 -46693873 <2e-16 \*\*\*

`가장 불편한부위\_46` 1.276e+15 3.939e+07 32391993 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

`장애주된 원인\_10` -5.199e+14 3.159e+07 -16457791 <2e-16 \*\*\*

`장애주된 원인\_14` -9.180e+11 2.740e+07 -33505 <2e-16 \*\*\*

`장애주된 원인\_15` -2.992e+15 5.205e+07 -57491231 <2e-16 \*\*\*

`장애주된 원인\_17` -1.692e+15 3.068e+07 -55170321 <2e-16 \*\*\*

`장애주된 원인\_31` -3.544e+15 7.131e+07 -49702264 <2e-16 \*\*\*

`장애주된 원인\_40` -1.886e+14 2.482e+07 -7600518 <2e-16 \*\*\*

`장애주된 원인\_43` -1.494e+14 3.992e+07 -3741740 <2e-16 \*\*\*

`장애주된 원인\_46` -8.722e+14 2.810e+07 -31039471 <2e-16 \*\*\*

`장애주된 원인\_47` -3.635e+15 7.095e+07 -51235715 <2e-16 \*\*\*

`장애주된 원인\_48` -2.831e+14 2.041e+07 -13869893 <2e-16 \*\*\*

`장애주된 원인\_49` -4.348e+14 2.900e+07 -14991388 <2e-16 \*\*\*

`장애주된 원인\_50` -4.433e+14 2.114e+07 -20971130 <2e-16 \*\*\*

`장애주된 원인\_51` -3.011e+15 5.221e+07 -57677142 <2e-16 \*\*\*

`장애주된 원인\_60` -1.373e+15 3.416e+07 -40192874 <2e-16 \*\*\*

`장애주된 원인\_61` -8.109e+14 2.120e+07 -38256139 <2e-16 \*\*\*

`장애주된 원인\_62` -3.731e+14 2.065e+07 -18066149 <2e-16 \*\*\*

`장애주된 원인\_63` -3.561e+14 2.111e+07 -16866553 <2e-16 \*\*\*

`장애주된 원인\_64` -2.341e+14 2.206e+07 -10611602 <2e-16 \*\*\*

`장애주된 원인\_65` -1.142e+14 2.738e+07 -4170322 <2e-16 \*\*\*

`장애주된 원인\_66` 2.625e+12 2.728e+07 96196 <2e-16 \*\*\*

`장애주된 원인\_67` 3.321e+14 4.000e+07 8302195 <2e-16 \*\*\*

`장애주된 원인\_68` 2.788e+14 2.466e+07 11304794 <2e-16 \*\*\*

`장애주된 원인\_69` -1.231e+14 2.038e+07 -6042601 <2e-16 \*\*\*

`장애주된 원인\_70` -4.212e+15 7.026e+07 -59952840 <2e-16 \*\*\*

`장애주된 원인\_71` -1.818e+15 4.405e+07 -41270156 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 20977 on 2589 degrees of freedom

AIC: 21171

**> summary(glm(b6$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=b6))**

Call:glm(formula = b6$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = b6)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.1363 -0.3476 -0.2405 -0.1747 8.4904

Coefficients: (9 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -7.704e+12 5.453e+13 -0.141 0.88764

질병명...38\_0 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_102 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_103 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_105 -4.496e+15 5.453e+13 -82.452 < 2e-16 \*\*\*

질병명...38\_108 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_109 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_134 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_137 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_139 -4.496e+15 5.453e+13 -82.452 < 2e-16 \*\*\*

질병명...38\_156 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_159 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_166 7.704e+12 5.453e+13 0.141 0.88765

질병명...38\_171 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_173 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_174 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_175 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_177 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_178 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_179 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_180 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_181 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_184 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_186 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_188 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_190 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_191 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_192 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_201 7.704e+12 5.453e+13 0.141 0.88764

질병명...38\_300 7.704e+12 5.453e+13 0.141 0.88764

`주된 진단명...40\_1` -2.393e+01 1.408e+05 0.000 0.99986

`주된 진단명...40\_2` -2.087e+00 1.155e+00 -1.808 0.07060 .

`주된 진단명...40\_3` -6.048e-01 1.250e+00 -0.484 0.62854

`주된 진단명...40\_4` -8.241e-01 7.643e-01 -1.078 0.28095

`주된 진단명...40\_5` -3.903e-01 2.770e+05 0.000 1.00000

`주된 진단명...40\_6` -7.381e-01 5.773e-01 -1.279 0.20103

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` -1.206e+00 5.382e-01 -2.241 0.02501 \*

`주된 진단명...40\_9` 2.837e-01 1.164e+00 0.244 0.80738

`주된 진단명...40\_10` -1.314e-01 7.154e-01 -0.184 0.85424

`주된 진단명...40\_11` -7.344e-01 6.124e-01 -1.199 0.23046

`주된 진단명...40\_12` -1.012e+00 4.697e-01 -2.156 0.03112 \*

`주된 진단명...40\_13` 4.361e-01 8.045e-01 0.542 0.58778

`주된 진단명...40\_14` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` -7.509e-01 3.744e-01 -2.006 0.04489 \*

`국가유공자, 차상위경감 대상여부\_1` -2.535e-01 5.588e-01 -0.454 0.65007

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -2.272e+01 1.460e+05 0.000 0.99988

`주관적 건강 평가\_2` -6.800e-01 5.750e-01 -1.183 0.23696

`주관적 건강 평가\_3` -3.233e-01 3.234e-01 -1.000 0.31741

`주관적 건강 평가\_4` 1.029e-01 2.548e-01 0.404 0.68617

`주관적 건강 평가\_5` NA NA NA NA

`EQ-5D (자기관리)\_0` -2.574e+01 3.345e+05 0.000 0.99994

`EQ-5D (자기관리)\_1` -1.579e+00 5.627e-01 -2.807 0.00501 \*\*

`EQ-5D (자기관리)\_2` -7.229e-01 5.186e-01 -1.394 0.16333

`EQ-5D (자기관리)\_3` NA NA NA NA

`ADL - 식사하기\_1` -1.311e+00 8.016e-01 -1.635 0.10199

`ADL - 식사하기\_2` 1.007e-01 7.940e-01 0.127 0.89907

`ADL - 식사하기\_3` 4.703e-01 9.176e-01 0.513 0.60825

`ADL - 식사하기\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 1.037e+00 5.586e-01 1.857 0.06338 .

`IADL<U+2013>대중교통수단 이용\_2` 1.214e+00 5.424e-01 2.239 0.02519 \*

`IADL<U+2013>대중교통수단 이용\_3` 9.355e-01 5.260e-01 1.778 0.07533 .

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`지팡이-사용\_0` -1.088e-01 3.908e-01 -0.278 0.78063

`지팡이-사용\_1` 4.866e-01 3.939e-01 1.235 0.21670

`지팡이-사용\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -6.320e-01 2.252e-01 -2.807 0.00501 \*\*

`스마트폰 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140.0 on 2685 degrees of freedom

Residual deviance: 1126.7 on 2626 degrees of freedom

AIC: 1246.7

**7차 시행**

**> summary(glm(logit\_df7$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=logit\_df7 %>% select(1:160, 162)))**

Call:glm(formula = logit\_df7$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = logit\_df7 %>% select(1:160, 162))

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (21 not defined because of singularities)

Estimate Std. Error z value Pr(>|z|)

(Intercept) -5.732e+15 6.040e+07 -94892211 <2e-16 \*\*\*

생년 -3.782e+14 1.692e+07 -22360395 <2e-16 \*\*\*

`장애등록 연도` 2.916e+14 7.507e+06 38849126 <2e-16 \*\*\*

`본인을 포함한 총 가구원수` 9.731e+14 2.685e+07 36235473 <2e-16 \*\*\*

`본인을 포함한 총 장애인수` -6.022e+14 1.098e+07 -54835146 <2e-16 \*\*\*

`월 평균 총가구소득` 8.481e+14 4.167e+07 20351126 <2e-16 \*\*\*

`가구 주된 수입원` -3.101e+14 4.684e+06 -66202852 <2e-16 \*\*\*

`가구 월평균 지출액` -1.995e+15 2.625e+07 -76004089 <2e-16 \*\*\*

`장애발생시 연령...36` 5.159e+13 1.180e+07 4372432 <2e-16 \*\*\*

`월 혈압약 일수` 6.618e+14 2.779e+06 238124743 <2e-16 \*\*\*

`관절통증 정도` -2.189e+14 4.473e+06 -48937307 <2e-16 \*\*\*

`운동 시간(분)` 1.300e+15 1.382e+07 94066655 <2e-16 \*\*\*

`키(센티)` 2.055e+14 9.332e+06 22024282 <2e-16 \*\*\*

`몸무게(kg)` -5.190e+14 6.550e+07 -7924181 <2e-16 \*\*\*

성별\_1 8.898e+13 3.318e+06 26815188 <2e-16 \*\*\*

성별\_2 NA NA NA NA

장애등급...20\_1 6.594e+14 1.221e+07 53997597 <2e-16 \*\*\*

장애등급...20\_2 1.966e+14 7.563e+06 25995452 <2e-16 \*\*\*

장애등급...20\_3 1.769e+14 5.147e+06 34367431 <2e-16 \*\*\*

장애등급...20\_4 1.113e+14 4.297e+06 25909568 <2e-16 \*\*\*

장애등급...20\_5 1.143e+14 3.497e+06 32690920 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.897e+15 5.063e+07 76978377 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 4.171e+15 5.339e+07 78134868 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 2.739e+15 5.100e+07 53713432 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 3.320e+15 5.696e+07 58282166 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 2.985e+15 5.198e+07 57418668 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 4.044e+15 5.095e+07 79377070 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 2.990e+15 6.133e+07 48760156 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 3.319e+15 5.197e+07 63858609 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 5.251e+14 8.630e+07 6084735 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 3.801e+15 5.276e+07 72041072 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 3.784e+15 5.144e+07 73564897 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 1.340e+15 5.342e+07 25087263 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 3.531e+15 5.179e+07 68191801 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 3.701e+15 5.189e+07 71319101 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.881e+15 5.073e+07 76496092 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(상지)...31\_0` -1.328e+14 1.124e+07 -11820175 <2e-16 \*\*\*

`장애부위(상지)...31\_1` -1.836e+14 1.014e+07 -18098935 <2e-16 \*\*\*

`장애부위(상지)...31\_2` -1.863e+14 1.047e+07 -17797316 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 3.644e+14 7.528e+06 48407456 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 3.526e+14 5.275e+06 66840426 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 1.583e+13 5.388e+06 2938047 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 4.664e+14 6.693e+06 69680550 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` 1.826e+15 4.404e+07 41461456 <2e-16 \*\*\*

`가장 불편한부위\_12` 1.420e+15 3.946e+07 35979681 <2e-16 \*\*\*

`가장 불편한부위\_13` -5.316e+14 3.845e+07 -13824475 <2e-16 \*\*\*

`가장 불편한부위\_14` 2.724e+15 3.555e+07 76631698 <2e-16 \*\*\*

`가장 불편한부위\_15` 2.498e+15 5.936e+07 42089158 <2e-16 \*\*\*

`가장 불편한부위\_16` 2.775e+14 3.914e+07 7089717 <2e-16 \*\*\*

`가장 불편한부위\_17` 3.540e+15 3.655e+07 96848389 <2e-16 \*\*\*

`가장 불편한부위\_18` 1.793e+15 4.010e+07 44723636 <2e-16 \*\*\*

`가장 불편한부위\_19` 2.593e+15 4.148e+07 62497967 <2e-16 \*\*\*

`가장 불편한부위\_21` 3.364e+15 3.325e+07 101161879 <2e-16 \*\*\*

`가장 불편한부위\_22` 3.100e+15 4.125e+07 75155518 <2e-16 \*\*\*

`가장 불편한부위\_23` 3.591e+15 3.203e+07 112104629 <2e-16 \*\*\*

`가장 불편한부위\_24` 2.557e+15 3.223e+07 79334018 <2e-16 \*\*\*

`가장 불편한부위\_25` 4.212e+15 3.494e+07 120559860 <2e-16 \*\*\*

`가장 불편한부위\_26` 3.688e+15 3.584e+07 102897262 <2e-16 \*\*\*

`가장 불편한부위\_27` 1.675e+15 5.387e+07 31092217 <2e-16 \*\*\*

`가장 불편한부위\_31` 3.332e+15 3.306e+07 100777428 <2e-16 \*\*\*

`가장 불편한부위\_32` 3.627e+15 3.371e+07 107568485 <2e-16 \*\*\*

`가장 불편한부위\_33` -4.352e+13 3.440e+07 -1264982 <2e-16 \*\*\*

`가장 불편한부위\_34` 3.080e+15 3.352e+07 91875703 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.594e+15 3.144e+07 82516125 <2e-16 \*\*\*

`가장 불편한부위\_36` 3.649e+15 3.140e+07 116214188 <2e-16 \*\*\*

`가장 불편한부위\_37` 3.084e+15 3.204e+07 96257649 <2e-16 \*\*\*

`가장 불편한부위\_38` 4.109e+15 3.115e+07 131912761 <2e-16 \*\*\*

`가장 불편한부위\_41` 1.031e+15 3.579e+07 28809447 <2e-16 \*\*\*

`가장 불편한부위\_42` 1.745e+15 3.489e+07 50016533 <2e-16 \*\*\*

`가장 불편한부위\_43` 4.328e+14 3.368e+07 12849510 <2e-16 \*\*\*

`가장 불편한부위\_44` 7.951e+14 3.467e+07 22937214 <2e-16 \*\*\*

`가장 불편한부위\_45` 2.535e+15 3.343e+07 75840480 <2e-16 \*\*\*

`가장 불편한부위\_46` 2.994e+15 4.311e+07 69456331 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

`장애주된 원인\_10` -3.678e+15 3.491e+07 -105366425 <2e-16 \*\*\*

`장애주된 원인\_14` -8.263e+14 2.804e+07 -29473672 <2e-16 \*\*\*

`장애주된 원인\_15` -2.857e+15 5.468e+07 -52244033 <2e-16 \*\*\*

`장애주된 원인\_17` -4.253e+15 3.125e+07 -136089497 <2e-16 \*\*\*

`장애주된 원인\_31` -3.532e+15 7.245e+07 -48748615 <2e-16 \*\*\*

`장애주된 원인\_40` -8.654e+15 1.057e+08 -81868728 <2e-16 \*\*\*

`장애주된 원인\_43` -5.807e+15 7.463e+07 -77811030 <2e-16 \*\*\*

`장애주된 원인\_46` -2.106e+15 4.149e+07 -50758384 <2e-16 \*\*\*

`장애주된 원인\_47` -4.281e+15 7.196e+07 -59486694 <2e-16 \*\*\*

`장애주된 원인\_48` -1.660e+15 2.383e+07 -69632264 <2e-16 \*\*\*

`장애주된 원인\_49` -5.561e+15 3.958e+07 -140496010 <2e-16 \*\*\*

`장애주된 원인\_50` -6.232e+15 7.345e+07 -84844849 <2e-16 \*\*\*

`장애주된 원인\_51` -4.543e+15 5.273e+07 -86153814 <2e-16 \*\*\*

`장애주된 원인\_60` -2.266e+15 3.614e+07 -62713355 <2e-16 \*\*\*

`장애주된 원인\_61` -1.888e+15 2.410e+07 -78363417 <2e-16 \*\*\*

`장애주된 원인\_62` -1.492e+15 2.388e+07 -62490028 <2e-16 \*\*\*

`장애주된 원인\_63` -1.460e+15 2.427e+07 -60155702 <2e-16 \*\*\*

`장애주된 원인\_64` -1.252e+15 2.498e+07 -50123251 <2e-16 \*\*\*

`장애주된 원인\_65` -1.562e+15 2.993e+07 -52200920 <2e-16 \*\*\*

`장애주된 원인\_66` -1.916e+15 2.912e+07 -65790066 <2e-16 \*\*\*

`장애주된 원인\_67` 3.052e+14 4.195e+07 7276488 <2e-16 \*\*\*

`장애주된 원인\_68` -1.011e+15 2.741e+07 -36897232 <2e-16 \*\*\*

`장애주된 원인\_69` -1.382e+15 2.356e+07 -58679935 <2e-16 \*\*\*

`장애주된 원인\_70` -5.119e+15 7.132e+07 -71773292 <2e-16 \*\*\*

`장애주된 원인\_71` -9.490e+14 4.576e+07 -20736666 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 3.569e+15 1.064e+08 33545962 <2e-16 \*\*\*

질병명...38\_103 7.928e+15 1.071e+08 74036124 <2e-16 \*\*\*

질병명...38\_105 3.616e+15 1.216e+08 29743151 <2e-16 \*\*\*

질병명...38\_108 2.816e+15 1.251e+08 22504993 <2e-16 \*\*\*

질병명...38\_109 7.922e+15 1.047e+08 75657768 <2e-16 \*\*\*

질병명...38\_134 2.380e+15 1.002e+08 23761052 <2e-16 \*\*\*

질병명...38\_137 8.895e+15 8.690e+07 102360577 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 -4.631e+14 4.258e+07 -10875620 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 5.383e+14 8.557e+06 62910572 <2e-16 \*\*\*

질병명...38\_173 2.861e+14 1.443e+07 19829264 <2e-16 \*\*\*

질병명...38\_174 -3.262e+15 2.139e+07 -152486564 <2e-16 \*\*\*

질병명...38\_175 2.692e+14 6.855e+06 39273225 <2e-16 \*\*\*

질병명...38\_177 -9.304e+14 1.509e+07 -61648939 <2e-16 \*\*\*

질병명...38\_178 -3.373e+15 3.966e+07 -85049488 <2e-16 \*\*\*

질병명...38\_179 2.425e+15 4.101e+07 59138458 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 3.852e+15 4.339e+07 88772164 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 3.124e+15 9.710e+07 32172992 <2e-16 \*\*\*

질병명...38\_188 3.919e+15 7.319e+07 53539444 <2e-16 \*\*\*

질병명...38\_190 6.564e+15 7.715e+07 85072603 <2e-16 \*\*\*

질병명...38\_191 6.589e+15 8.852e+07 74433401 <2e-16 \*\*\*

질병명...38\_192 2.929e+15 7.631e+07 38387760 <2e-16 \*\*\*

질병명...38\_201 5.850e+15 7.356e+07 79538990 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

`주된 진단명...40\_1` -2.707e+15 3.421e+07 -79112191 <2e-16 \*\*\*

`주된 진단명...40\_2` -1.289e+15 2.007e+07 -64209634 <2e-16 \*\*\*

`주된 진단명...40\_3` 3.061e+13 3.181e+07 962318 <2e-16 \*\*\*

`주된 진단명...40\_4` -3.725e+14 1.480e+07 -25166800 <2e-16 \*\*\*

`주된 진단명...40\_5` -2.437e+15 5.562e+07 -43811052 <2e-16 \*\*\*

`주된 진단명...40\_6` -1.002e+15 1.093e+07 -91728070 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` -6.787e+14 1.748e+07 -38820169 <2e-16 \*\*\*

`주된 진단명...40\_9` -4.702e+14 2.245e+07 -20947112 <2e-16 \*\*\*

`주된 진단명...40\_10` -6.879e+14 1.562e+07 -44031992 <2e-16 \*\*\*

`주된 진단명...40\_11` -1.009e+15 1.223e+07 -82521783 <2e-16 \*\*\*

`주된 진단명...40\_12` -8.480e+14 9.925e+06 -85442173 <2e-16 \*\*\*

`주된 진단명...40\_13` -3.616e+14 2.412e+07 -14993068 <2e-16 \*\*\*

`주된 진단명...40\_14` NA NA NA NA

`국가유공자, 차상위경감 대상여부\_0` -2.904e+14 7.849e+06 -36995923 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_1` -3.702e+14 1.143e+07 -32382095 <2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`EQ-5D (자기관리)\_0` -8.759e+14 8.405e+07 -10420891 <2e-16 \*\*\*

`EQ-5D (자기관리)\_1` -8.236e+14 1.121e+07 -73490050 <2e-16 \*\*\*

`EQ-5D (자기관리)\_2` -3.783e+14 1.067e+07 -35470492 <2e-16 \*\*\*

`EQ-5D (자기관리)\_3` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` -1.318e+14 1.003e+07 -13144468 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_2` 1.272e+14 9.896e+06 12857430 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_3` 6.872e+13 9.868e+06 6963380 <2e-16 \*\*\*

`IADL<U+2013>대중교통수단 이용\_4` NA NA NA NA

`스마트폰 사용 여부\_1` -4.476e+14 3.460e+06 -129362599 <2e-16 \*\*\*

`스마트폰 사용 여부\_2` NA NA NA NA

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 1140 on 2685 degrees of freedom

Residual deviance: 16868 on 2546 degrees of freedom

AIC: 17148