**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

-8.4904 -0.3858 -0.2763 -0.1799 3.0589

Coefficients: (5 not defined because of singularities)

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

(Intercept) 3.330e+13 7.756e+13 0.429 0.667662

생년 -3.647e+00 9.997e-01 -3.649 0.000264 \*\*\*

`장애등록 연도` 1.101e+00 4.645e-01 2.371 0.017752 \*

`본인을 포함한 총 가구원수` 3.321e+00 1.853e+00 1.792 0.073158 .

`본인을 포함한 총 장애인수` -6.009e-01 7.876e-01 -0.763 0.445512

`월 평균 총가구소득` 1.288e+00 3.587e+00 0.359 0.719554

`가구 주된 수입원` -3.996e-01 2.971e-01 -1.345 0.178646

`가구 월평균 지출액` -4.779e+00 2.256e+00 -2.118 0.034161 \*

`장애발생시 연령...36` -2.148e-01 5.336e-01 -0.403 0.687228

`월 혈압약 일수` 1.077e+00 2.195e-01 4.907 9.24e-07 \*\*\*

`관절통증 정도` -5.962e-03 2.833e-01 -0.021 0.983208

`운동 시간(분)` 5.505e-01 9.344e-01 0.589 0.555745

`키(센티)` -9.515e-02 9.204e-01 -0.103 0.917660

`몸무게(kg)` -5.408e+00 1.057e+01 -0.512 0.608932

성별\_1 2.484e-01 2.206e-01 1.126 0.260166

성별\_2 NA NA NA NA

장애등급...20\_1 1.589e+00 5.998e-01 2.649 0.008066 \*\*

장애등급...20\_2 1.039e+00 4.101e-01 2.534 0.011264 \*

장애등급...20\_3 9.450e-01 3.100e-01 3.049 0.002299 \*\*

장애등급...20\_4 4.718e-01 2.981e-01 1.582 0.113544

장애등급...20\_5 3.684e-01 2.573e-01 1.432 0.152253

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_19` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_21` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_22` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_23` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_24` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_25` -4.537e+15 7.756e+13 -58.495 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_26` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_27` -4.537e+15 7.756e+13 -58.495 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_28` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_29` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_31` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_32` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_39` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_40` -3.330e+13 7.756e+13 -0.429 0.667662

`가구 유형<U+00A0>\_50` -3.330e+13 7.756e+13 -0.429 0.667662

`장애부위(상지)...31\_0` -3.691e-01 5.270e-01 -0.701 0.483614

`장애부위(상지)...31\_1` 2.772e-02 5.563e-01 0.050 0.960255

`장애부위(상지)...31\_2` 2.398e-01 5.690e-01 0.422 0.673389

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 2.027e-01 3.270e-01 0.620 0.535375

`장애부위(하지)...32\_1` 7.698e-01 3.013e-01 2.555 0.010609 \*

`장애부위(하지)...32\_2` 4.931e-01 3.217e-01 1.533 0.125327

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` -1.592e-01 2.759e-01 -0.577 0.563983

`장애부위(척추)...33\_1` 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: 3756.1 on 2643 degrees of freedom

AIC: 3842.1

**> 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 0.00 0.00 0.00 8.49

Coefficients: (13 not defined because of singularities)

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

(Intercept) -3.187e+15 2.851e+07 -111785539 <2e-16 \*\*\*

`가장 불편한부위\_11` 1.460e+15 4.268e+07 34210237 <2e-16 \*\*\*

`가장 불편한부위\_12` -2.312e+15 3.781e+07 -61156199 <2e-16 \*\*\*

`가장 불편한부위\_13` -2.082e+15 3.701e+07 -56267234 <2e-16 \*\*\*

`가장 불편한부위\_14` -8.521e+13 3.396e+07 -2509069 <2e-16 \*\*\*

`가장 불편한부위\_15` 1.617e+14 5.842e+07 2767553 <2e-16 \*\*\*

`가장 불편한부위\_16` 9.535e+13 3.823e+07 2494032 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.472e+15 3.575e+07 69170061 <2e-16 \*\*\*

`가장 불편한부위\_18` -2.345e+15 3.914e+07 -59923361 <2e-16 \*\*\*

`가장 불편한부위\_19` -2.423e+15 4.076e+07 -59442011 <2e-16 \*\*\*

`가장 불편한부위\_21` 1.785e+15 3.180e+07 56132918 <2e-16 \*\*\*

`가장 불편한부위\_22` 1.394e+15 4.011e+07 34750847 <2e-16 \*\*\*

`가장 불편한부위\_23` 1.809e+15 3.123e+07 57914215 <2e-16 \*\*\*

`가장 불편한부위\_24` 1.289e+15 3.139e+07 41061140 <2e-16 \*\*\*

`가장 불편한부위\_25` 2.521e+15 3.336e+07 75589456 <2e-16 \*\*\*

`가장 불편한부위\_26` 1.603e+15 3.484e+07 46003989 <2e-16 \*\*\*

`가장 불편한부위\_27` 4.025e+14 5.174e+07 7779176 <2e-16 \*\*\*

`가장 불편한부위\_31` 1.620e+15 3.179e+07 50976041 <2e-16 \*\*\*

`가장 불편한부위\_32` 1.457e+15 3.223e+07 45194212 <2e-16 \*\*\*

`가장 불편한부위\_33` -1.724e+14 3.300e+07 -5223219 <2e-16 \*\*\*

`가장 불편한부위\_34` 5.547e+14 3.206e+07 17300269 <2e-16 \*\*\*

`가장 불편한부위\_35` 9.074e+14 3.062e+07 29632278 <2e-16 \*\*\*

`가장 불편한부위\_36` 5.755e+14 3.060e+07 18804896 <2e-16 \*\*\*

`가장 불편한부위\_37` 7.162e+13 3.112e+07 2301806 <2e-16 \*\*\*

`가장 불편한부위\_38` 1.857e+15 3.065e+07 60569773 <2e-16 \*\*\*

`가장 불편한부위\_41` -6.933e+13 3.527e+07 -1965787 <2e-16 \*\*\*

`가장 불편한부위\_42` 7.339e+14 3.442e+07 21320920 <2e-16 \*\*\*

`가장 불편한부위\_43` -1.428e+15 3.284e+07 -43493308 <2e-16 \*\*\*

`가장 불편한부위\_44` -8.492e+14 3.374e+07 -25171855 <2e-16 \*\*\*

`가장 불편한부위\_45` -6.015e+14 3.268e+07 -18401864 <2e-16 \*\*\*

`가장 불편한부위\_46` 1.564e+15 4.095e+07 38206500 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 5.617e+14 2.659e+07 21128806 <2e-16 \*\*\*

장애발생시기...35\_2 -4.690e+14 1.275e+07 -36783001 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -3.522e+15 3.336e+07 -105581558 <2e-16 \*\*\*

`장애주된 원인\_14` -7.642e+14 3.197e+07 -23901555 <2e-16 \*\*\*

`장애주된 원인\_15` -3.287e+15 5.695e+07 -57714336 <2e-16 \*\*\*

`장애주된 원인\_17` -1.722e+15 3.114e+07 -55282799 <2e-16 \*\*\*

`장애주된 원인\_31` 3.230e+14 7.703e+07 4193338 <2e-16 \*\*\*

`장애주된 원인\_40` -3.589e+15 1.044e+08 -34365670 <2e-16 \*\*\*

`장애주된 원인\_43` -4.024e+15 7.406e+07 -54333294 <2e-16 \*\*\*

`장애주된 원인\_46` -2.597e+15 4.103e+07 -63292992 <2e-16 \*\*\*

`장애주된 원인\_47` 2.203e+15 7.114e+07 30970475 <2e-16 \*\*\*

`장애주된 원인\_48` -1.260e+15 2.348e+07 -53669066 <2e-16 \*\*\*

`장애주된 원인\_49` -1.639e+15 3.880e+07 -42246068 <2e-16 \*\*\*

`장애주된 원인\_50` -3.543e+14 7.238e+07 -4895253 <2e-16 \*\*\*

`장애주된 원인\_51` -9.883e+14 5.241e+07 -18857646 <2e-16 \*\*\*

`장애주된 원인\_60` -4.245e+14 3.583e+07 -11846254 <2e-16 \*\*\*

`장애주된 원인\_61` 2.228e+14 2.374e+07 9381654 <2e-16 \*\*\*

`장애주된 원인\_62` -4.428e+14 2.350e+07 -18842322 <2e-16 \*\*\*

`장애주된 원인\_63` -9.911e+13 2.392e+07 -4143586 <2e-16 \*\*\*

`장애주된 원인\_64` -4.709e+14 2.462e+07 -19127596 <2e-16 \*\*\*

`장애주된 원인\_65` 9.098e+14 2.961e+07 30725508 <2e-16 \*\*\*

`장애주된 원인\_66` -3.734e+14 2.868e+07 -13019700 <2e-16 \*\*\*

`장애주된 원인\_67` 1.100e+15 4.138e+07 26581017 <2e-16 \*\*\*

`장애주된 원인\_68` 1.565e+14 2.669e+07 5862601 <2e-16 \*\*\*

`장애주된 원인\_69` 4.094e+14 2.326e+07 17601533 <2e-16 \*\*\*

`장애주된 원인\_70` -4.290e+15 7.109e+07 -60351015 <2e-16 \*\*\*

`장애주된 원인\_71` 7.243e+14 4.524e+07 16011379 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 6.070e+13 1.053e+08 576256 <2e-16 \*\*\*

질병명...38\_103 2.253e+15 1.059e+08 21281275 <2e-16 \*\*\*

질병명...38\_105 5.353e+14 1.205e+08 4443429 <2e-16 \*\*\*

질병명...38\_108 -5.752e+14 1.237e+08 -4648987 <2e-16 \*\*\*

질병명...38\_109 3.072e+15 1.036e+08 29662790 <2e-16 \*\*\*

질병명...38\_134 4.954e+15 9.981e+07 49636563 <2e-16 \*\*\*

질병명...38\_137 8.755e+15 8.603e+07 101772802 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 3.266e+15 4.202e+07 77713598 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 1.757e+15 8.231e+06 213499736 <2e-16 \*\*\*

질병명...38\_173 9.949e+14 1.388e+07 71675794 <2e-16 \*\*\*

질병명...38\_174 -2.592e+15 2.118e+07 -122379367 <2e-16 \*\*\*

질병명...38\_175 -3.897e+14 6.793e+06 -57369081 <2e-16 \*\*\*

질병명...38\_177 -1.662e+15 1.493e+07 -111325587 <2e-16 \*\*\*

질병명...38\_178 2.713e+14 3.933e+07 6898173 <2e-16 \*\*\*

질병명...38\_179 -2.030e+14 4.050e+07 -5013412 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 1.147e+15 4.271e+07 26850212 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 1.628e+15 9.622e+07 16923083 <2e-16 \*\*\*

질병명...38\_188 -2.567e+15 7.224e+07 -35531745 <2e-16 \*\*\*

질병명...38\_190 -3.245e+14 7.624e+07 -4256659 <2e-16 \*\*\*

질병명...38\_191 9.157e+14 8.796e+07 10410551 <2e-16 \*\*\*

질병명...38\_192 -1.103e+15 7.525e+07 -14655157 <2e-16 \*\*\*

질병명...38\_201 1.975e+15 7.262e+07 27199270 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 9.703e+14 3.711e+06 261485957 <2e-16 \*\*\*

산업재해인정여부...39\_1 2.560e+14 6.035e+06 42425315 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -2.105e+14 3.393e+07 -6205508 <2e-16 \*\*\*

`주된 진단명...40\_2` -6.563e+14 1.973e+07 -33271388 <2e-16 \*\*\*

`주된 진단명...40\_3` 1.411e+15 3.014e+07 46815443 <2e-16 \*\*\*

`주된 진단명...40\_4` 3.219e+14 1.439e+07 22363126 <2e-16 \*\*\*

`주된 진단명...40\_5` 3.474e+13 5.526e+07 628590 <2e-16 \*\*\*

`주된 진단명...40\_6` 3.531e+13 1.084e+07 3256856 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 9.856e+13 1.733e+07 5688196 <2e-16 \*\*\*

`주된 진단명...40\_9` -7.173e+13 2.225e+07 -3223870 <2e-16 \*\*\*

`주된 진단명...40\_10` 2.745e+14 1.552e+07 17689942 <2e-16 \*\*\*

`주된 진단명...40\_11` 1.467e+14 1.206e+07 12161817 <2e-16 \*\*\*

`주된 진단명...40\_12` -1.247e+14 9.831e+06 -12684466 <2e-16 \*\*\*

`주된 진단명...40\_13` 6.724e+14 2.324e+07 28926377 <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: 13336 on 2592 degrees of freedom

AIC: 13524

**> 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

-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(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

-1.3551 -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(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

-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(f1$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=f1))**

Call:glm(formula = f1$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = f1)

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

---

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

-8.49 0.00 0.00 0.00 8.49

Coefficients: (116 not defined because of singularities)

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

(Intercept) -1.115e+15 1.694e+07 -65846812 <2e-16 \*\*\*

`보청기 - 필요\_1` 4.114e+14 9.291e+06 44279945 <2e-16 \*\*\*

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` 9.859e+14 2.001e+07 49263385 <2e-16 \*\*\*

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` -1.366e+15 2.077e+07 -65760659 <2e-16 \*\*\*

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` -3.350e+14 4.619e+07 -7252404 <2e-16 \*\*\*

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` 4.585e+14 1.644e+08 2788834 <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` 5.948e+14 1.709e+07 34803589 <2e-16 \*\*\*

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` -5.357e+13 4.625e+07 -1158087 <2e-16 \*\*\*

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` 9.290e+14 4.585e+07 20262134 <2e-16 \*\*\*

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` -2.209e+14 1.998e+07 -11058766 <2e-16 \*\*\*

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` -1.331e+15 3.812e+07 -34921664 <2e-16 \*\*\*

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` 1.253e+15 4.181e+07 29979505 <2e-16 \*\*\*

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` -1.784e+14 9.073e+06 -19657760 <2e-16 \*\*\*

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` -3.927e+15 4.148e+07 -94667404 <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` 3.594e+15 4.325e+07 83096028 <2e-16 \*\*\*

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`기립보조기구-필요\_1` 4.659e+14 1.215e+07 38342312 <2e-16 \*\*\*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -9.087e+14 2.487e+07 -36543324 <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` 8.392e+14 1.764e+07 47560608 <2e-16 \*\*\*

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` -7.571e+14 2.174e+07 -34815411 <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` 4.660e+14 7.641e+06 60984198 <2e-16 \*\*\*

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -8.980e+14 3.089e+07 -29071690 <2e-16 \*\*\*

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 1.622e+15 3.201e+07 50657207 <2e-16 \*\*\*

`목욕의자및이동욕조-사용\_2` NA NA NA NA

`이동변기-필요\_1` 1.252e+15 1.334e+07 93858918 <2e-16 \*\*\*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` -2.037e+15 2.043e+07 -99674746 <2e-16 \*\*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` 8.880e+14 2.186e+07 40625859 <2e-16 \*\*\*

`이동변기-사용\_2` NA NA NA NA

`특수키보드-필요\_1` 1.610e+15 6.903e+07 23329038 <2e-16 \*\*\*

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -4.604e+15 1.123e+08 -41009718 <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` -4.300e+14 8.423e+07 -5104757 <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` -8.166e+14 1.202e+07 -67928521 <2e-16 \*\*\*

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` 9.940e+14 3.872e+07 25673802 <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` -1.031e+15 4.197e+07 -24566436 <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` -5.266e+14 7.788e+07 -6761386 <2e-16 \*\*\*

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` 4.571e+15 1.197e+08 38177732 <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` 1.137e+15 2.319e+07 49022220 <2e-16 \*\*\*

`환경제어장치-필요\_2` NA NA NA NA

`환경제어장치-소지\_1` -2.973e+15 5.569e+07 -53389501 <2e-16 \*\*\*

`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` -2.903e+14 4.844e+07 -5993717 <2e-16 \*\*\*

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` -1.268e+15 7.048e+07 -17988396 <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` -8.226e+12 6.023e+06 -1365934 <2e-16 \*\*\*

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` -1.959e+15 2.504e+07 -78236344 <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` 1.495e+15 4.777e+07 31287736 <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` -8.153e+14 2.795e+07 -29169456 <2e-16 \*\*\*

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` -9.653e+14 3.376e+07 -28588403 <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

`경보시스템-필요\_1` 1.065e+14 7.901e+06 13481034 <2e-16 \*\*\*

`경보시스템-필요\_2` NA NA NA NA

`경보시스템-소지\_1` 6.482e+15 4.965e+07 130559553 <2e-16 \*\*\*

`경보시스템-소지\_2` NA NA NA NA

`경보시스템-사용\_0` NA NA NA NA

`경보시스템-사용\_1` -6.728e+15 5.139e+07 -130935967 <2e-16 \*\*\*

`경보시스템-사용\_2` NA NA NA NA

`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` -5.174e+14 6.743e+07 -7672700 <2e-16 \*\*\*

`레크레이션용보조기구-필요\_2` NA NA NA NA

`레크레이션용보조기구-소지\_2` NA NA NA NA

`레크레이션용보조기구-사용\_0` NA NA NA NA

`배회감지기-필요\_1` -3.142e+15 3.125e+07 -100545383 <2e-16 \*\*\*

`배회감지기-필요\_2` NA NA NA NA

`배회감지기-소지\_2` NA NA NA NA

`배회감지기-사용\_0` NA NA NA NA

`안전손잡이-필요\_1` -3.068e+13 5.701e+06 -5381238 <2e-16 \*\*\*

`안전손잡이-필요\_2` NA NA NA NA

`안전손잡이-소지\_1` 7.878e+14 4.802e+07 16404283 <2e-16 \*\*\*

`안전손잡이-소지\_2` NA NA NA NA

`안전손잡이-사용\_0` NA NA NA NA

`안전손잡이-사용\_1` -4.242e+14 4.917e+07 -8626274 <2e-16 \*\*\*

`안전손잡이-사용\_2` NA NA NA NA

`음식,음료섭취용 보조기구-필요\_1` -4.154e+13 3.470e+07 -1197117 <2e-16 \*\*\*

`음식,음료섭취용 보조기구-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 3.659e+15 6.389e+07 57270271 <2e-16 \*\*\*

`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` 3.664e+15 6.727e+07 54458587 <2e-16 \*\*\*

`기타-필요...666\_2` NA NA NA NA

`기타-소지...667\_1` -5.699e+15 7.843e+07 -72669675 <2e-16 \*\*\*

`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` 7.466e+13 3.900e+07 1914483 <2e-16 \*\*\*

`산소발생기-필요...669\_2` NA NA NA NA

`산소발생기-소지...670\_1` 5.387e+14 5.544e+07 9715213 <2e-16 \*\*\*

`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` 9.473e+14 7.814e+07 12123115 <2e-16 \*\*\*

`인공호흡기-필요...672\_2` NA NA NA NA

`인공호흡기-소지...673\_1` 1.253e+15 1.032e+08 12133107 <2e-16 \*\*\*

`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 -2.659e+15 1.648e+07 -161376447 <2e-16 \*\*\*

사용빈도\_1 -6.646e+14 1.230e+07 -54026440 <2e-16 \*\*\*

사용빈도\_2 -1.266e+15 1.317e+07 -96155539 <2e-16 \*\*\*

사용빈도\_3 -8.972e+14 1.406e+07 -63830441 <2e-16 \*\*\*

사용빈도\_4 2.287e+13 1.568e+07 1458369 <2e-16 \*\*\*

사용빈도\_5 -8.195e+14 1.604e+07 -51080651 <2e-16 \*\*\*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -5.170e+14 1.300e+07 -39765711 <2e-16 \*\*\*

`1일 이용시간\_2` -6.743e+14 1.207e+07 -55865565 <2e-16 \*\*\*

`1일 이용시간\_3` -7.933e+14 1.156e+07 -68601052 <2e-16 \*\*\*

`1일 이용시간\_4` -5.239e+14 1.239e+07 -42292826 <2e-16 \*\*\*

`1일 이용시간\_5` -4.428e+14 1.408e+07 -31449441 <2e-16 \*\*\*

`1일 이용시간\_6` 1.366e+14 1.548e+07 8823587 <2e-16 \*\*\*

`1일 이용시간\_7` 9.143e+14 1.645e+07 55577706 <2e-16 \*\*\*

`1일 이용시간\_8` 2.795e+14 1.343e+07 20807387 <2e-16 \*\*\*

`1일 이용시간\_9` NA NA NA NA

`이용경험-상담과 평가\_1` 3.145e+14 3.833e+06 82031072 <2e-16 \*\*\*

`이용경험-상담과 평가\_2` NA NA NA NA

`휴대폰 사용 여부\_1` -8.180e+13 4.754e+06 -17207553 <2e-16 \*\*\*

`휴대폰 사용 여부\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -2.038e+14 5.234e+06 -38939034 <2e-16 \*\*\*

`스마트폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` -1.960e+14 6.075e+06 -32270026 <2e-16 \*\*\*

`검퓨터 사용 여부\_2` NA NA NA NA

`인터넷 사용 여부\_1` 3.397e+14 6.048e+06 56170633 <2e-16 \*\*\*

`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: 10236 on 2609 degrees of freedom

AIC: 10390

**> 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

-8.49 0.00 0.00 0.00 8.49

Coefficients: (116 not defined because of singularities)

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

(Intercept) -1.115e+15 1.694e+07 -65846812 <2e-16 \*\*\*

`보청기 - 필요\_1` 4.114e+14 9.291e+06 44279945 <2e-16 \*\*\*

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` 9.859e+14 2.001e+07 49263385 <2e-16 \*\*\*

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` -1.366e+15 2.077e+07 -65760659 <2e-16 \*\*\*

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` -3.350e+14 4.619e+07 -7252404 <2e-16 \*\*\*

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` 4.585e+14 1.644e+08 2788834 <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` 5.948e+14 1.709e+07 34803589 <2e-16 \*\*\*

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` -5.357e+13 4.625e+07 -1158087 <2e-16 \*\*\*

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` 9.290e+14 4.585e+07 20262134 <2e-16 \*\*\*

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` -2.209e+14 1.998e+07 -11058766 <2e-16 \*\*\*

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` -1.331e+15 3.812e+07 -34921664 <2e-16 \*\*\*

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` 1.253e+15 4.181e+07 29979505 <2e-16 \*\*\*

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` -1.784e+14 9.073e+06 -19657760 <2e-16 \*\*\*

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` -3.927e+15 4.148e+07 -94667404 <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` 3.594e+15 4.325e+07 83096028 <2e-16 \*\*\*

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`기립보조기구-필요\_1` 4.659e+14 1.215e+07 38342312 <2e-16 \*\*\*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -9.087e+14 2.487e+07 -36543324 <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` 8.392e+14 1.764e+07 47560608 <2e-16 \*\*\*

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` -7.571e+14 2.174e+07 -34815411 <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` 4.660e+14 7.641e+06 60984198 <2e-16 \*\*\*

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -8.980e+14 3.089e+07 -29071690 <2e-16 \*\*\*

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 1.622e+15 3.201e+07 50657207 <2e-16 \*\*\*

`목욕의자및이동욕조-사용\_2` NA NA NA NA

`이동변기-필요\_1` 1.252e+15 1.334e+07 93858918 <2e-16 \*\*\*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` -2.037e+15 2.043e+07 -99674746 <2e-16 \*\*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` 8.880e+14 2.186e+07 40625859 <2e-16 \*\*\*

`이동변기-사용\_2` NA NA NA NA

`특수키보드-필요\_1` 1.610e+15 6.903e+07 23329038 <2e-16 \*\*\*

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -4.604e+15 1.123e+08 -41009718 <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` -4.300e+14 8.423e+07 -5104757 <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` -8.166e+14 1.202e+07 -67928521 <2e-16 \*\*\*

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` 9.940e+14 3.872e+07 25673802 <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` -1.031e+15 4.197e+07 -24566436 <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` -5.266e+14 7.788e+07 -6761386 <2e-16 \*\*\*

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` 4.571e+15 1.197e+08 38177732 <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` 1.137e+15 2.319e+07 49022220 <2e-16 \*\*\*

`환경제어장치-필요\_2` NA NA NA NA

`환경제어장치-소지\_1` -2.973e+15 5.569e+07 -53389501 <2e-16 \*\*\*

`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` -2.903e+14 4.844e+07 -5993717 <2e-16 \*\*\*

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` -1.268e+15 7.048e+07 -17988396 <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` -8.226e+12 6.023e+06 -1365934 <2e-16 \*\*\*

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` -1.959e+15 2.504e+07 -78236344 <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` 1.495e+15 4.777e+07 31287736 <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` -8.153e+14 2.795e+07 -29169456 <2e-16 \*\*\*

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` -9.653e+14 3.376e+07 -28588403 <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

`경보시스템-필요\_1` 1.065e+14 7.901e+06 13481034 <2e-16 \*\*\*

`경보시스템-필요\_2` NA NA NA NA

`경보시스템-소지\_1` 6.482e+15 4.965e+07 130559553 <2e-16 \*\*\*

`경보시스템-소지\_2` NA NA NA NA

`경보시스템-사용\_0` NA NA NA NA

`경보시스템-사용\_1` -6.728e+15 5.139e+07 -130935967 <2e-16 \*\*\*

`경보시스템-사용\_2` NA NA NA NA

`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` -5.174e+14 6.743e+07 -7672700 <2e-16 \*\*\*

`레크레이션용보조기구-필요\_2` NA NA NA NA

`레크레이션용보조기구-소지\_2` NA NA NA NA

`레크레이션용보조기구-사용\_0` NA NA NA NA

`배회감지기-필요\_1` -3.142e+15 3.125e+07 -100545383 <2e-16 \*\*\*

`배회감지기-필요\_2` NA NA NA NA

`배회감지기-소지\_2` NA NA NA NA

`배회감지기-사용\_0` NA NA NA NA

`안전손잡이-필요\_1` -3.068e+13 5.701e+06 -5381238 <2e-16 \*\*\*

`안전손잡이-필요\_2` NA NA NA NA

`안전손잡이-소지\_1` 7.878e+14 4.802e+07 16404283 <2e-16 \*\*\*

`안전손잡이-소지\_2` NA NA NA NA

`안전손잡이-사용\_0` NA NA NA NA

`안전손잡이-사용\_1` -4.242e+14 4.917e+07 -8626274 <2e-16 \*\*\*

`안전손잡이-사용\_2` NA NA NA NA

`음식,음료섭취용 보조기구-필요\_1` -4.154e+13 3.470e+07 -1197117 <2e-16 \*\*\*

`음식,음료섭취용 보조기구-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 3.659e+15 6.389e+07 57270271 <2e-16 \*\*\*

`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` 3.664e+15 6.727e+07 54458587 <2e-16 \*\*\*

`기타-필요...666\_2` NA NA NA NA

`기타-소지...667\_1` -5.699e+15 7.843e+07 -72669675 <2e-16 \*\*\*

`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` 7.466e+13 3.900e+07 1914483 <2e-16 \*\*\*

`산소발생기-필요...669\_2` NA NA NA NA

`산소발생기-소지...670\_1` 5.387e+14 5.544e+07 9715213 <2e-16 \*\*\*

`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` 9.473e+14 7.814e+07 12123115 <2e-16 \*\*\*

`인공호흡기-필요...672\_2` NA NA NA NA

`인공호흡기-소지...673\_1` 1.253e+15 1.032e+08 12133107 <2e-16 \*\*\*

`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 -2.659e+15 1.648e+07 -161376447 <2e-16 \*\*\*

사용빈도\_1 -6.646e+14 1.230e+07 -54026440 <2e-16 \*\*\*

사용빈도\_2 -1.266e+15 1.317e+07 -96155539 <2e-16 \*\*\*

사용빈도\_3 -8.972e+14 1.406e+07 -63830441 <2e-16 \*\*\*

사용빈도\_4 2.287e+13 1.568e+07 1458369 <2e-16 \*\*\*

사용빈도\_5 -8.195e+14 1.604e+07 -51080651 <2e-16 \*\*\*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -5.170e+14 1.300e+07 -39765711 <2e-16 \*\*\*

`1일 이용시간\_2` -6.743e+14 1.207e+07 -55865565 <2e-16 \*\*\*

`1일 이용시간\_3` -7.933e+14 1.156e+07 -68601052 <2e-16 \*\*\*

`1일 이용시간\_4` -5.239e+14 1.239e+07 -42292826 <2e-16 \*\*\*

`1일 이용시간\_5` -4.428e+14 1.408e+07 -31449441 <2e-16 \*\*\*

`1일 이용시간\_6` 1.366e+14 1.548e+07 8823587 <2e-16 \*\*\*

`1일 이용시간\_7` 9.143e+14 1.645e+07 55577706 <2e-16 \*\*\*

`1일 이용시간\_8` 2.795e+14 1.343e+07 20807387 <2e-16 \*\*\*

`1일 이용시간\_9` NA NA NA NA

`이용경험-상담과 평가\_1` 3.145e+14 3.833e+06 82031072 <2e-16 \*\*\*

`이용경험-상담과 평가\_2` NA NA NA NA

`휴대폰 사용 여부\_1` -8.180e+13 4.754e+06 -17207553 <2e-16 \*\*\*

`휴대폰 사용 여부\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -2.038e+14 5.234e+06 -38939034 <2e-16 \*\*\*

`스마트폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` -1.960e+14 6.075e+06 -32270026 <2e-16 \*\*\*

`검퓨터 사용 여부\_2` NA NA NA NA

`인터넷 사용 여부\_1` 3.397e+14 6.048e+06 56170633 <2e-16 \*\*\*

`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: 10236 on 2609 degrees of freedom

AIC: 10390

**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: (16 not defined because of singularities)

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

(Intercept) -8.220e+15 5.827e+07 -141083081 <2e-16 \*\*\*

생년 -2.124e+15 1.219e+07 -174208957 <2e-16 \*\*\*

`장애등록 연도` 6.788e+14 7.000e+06 96965954 <2e-16 \*\*\*

`가구 월평균 지출액` 4.193e+12 1.634e+07 256666 <2e-16 \*\*\*

`월 혈압약 일수` 6.224e+14 2.764e+06 225159004 <2e-16 \*\*\*

장애등급...20\_1 1.257e+15 1.154e+07 108890026 <2e-16 \*\*\*

장애등급...20\_2 4.589e+14 7.400e+06 62015377 <2e-16 \*\*\*

장애등급...20\_3 5.504e+14 5.061e+06 108756116 <2e-16 \*\*\*

장애등급...20\_4 2.684e+14 4.268e+06 62880517 <2e-16 \*\*\*

장애등급...20\_5 4.019e+14 3.484e+06 115358225 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 4.373e+15 4.991e+07 87613572 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 5.507e+15 5.271e+07 104491801 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 4.465e+15 5.007e+07 89181279 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 3.952e+15 5.605e+07 70503833 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 3.751e+15 5.119e+07 73271668 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 4.429e+15 5.025e+07 88152517 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 4.791e+15 6.036e+07 79383905 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 4.032e+15 5.112e+07 78867510 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 2.290e+15 8.530e+07 26850847 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 4.267e+15 5.200e+07 82063010 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 4.651e+15 5.073e+07 91671284 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 2.621e+15 5.138e+07 51013534 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 3.838e+15 5.033e+07 76255026 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 4.204e+15 5.046e+07 83312427 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.580e+15 4.997e+07 71649370 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(하지)...32\_0` 4.166e+14 7.460e+06 55848678 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 4.530e+14 5.218e+06 86824824 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 1.904e+14 5.350e+06 35598179 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`가장 불편한부위\_11` -3.351e+14 4.307e+07 -7781753 <2e-16 \*\*\*

`가장 불편한부위\_12` -6.970e+13 3.832e+07 -1819096 <2e-16 \*\*\*

`가장 불편한부위\_13` 6.205e+14 3.729e+07 16641166 <2e-16 \*\*\*

`가장 불편한부위\_14` 1.970e+15 3.434e+07 57368868 <2e-16 \*\*\*

`가장 불편한부위\_15` 1.211e+15 5.885e+07 20579381 <2e-16 \*\*\*

`가장 불편한부위\_16` -9.765e+14 3.885e+07 -25135467 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.786e+15 3.619e+07 76975567 <2e-16 \*\*\*

`가장 불편한부위\_18` -1.071e+15 3.975e+07 -26954469 <2e-16 \*\*\*

`가장 불편한부위\_19` 1.103e+15 4.119e+07 26786097 <2e-16 \*\*\*

`가장 불편한부위\_21` 2.973e+15 3.212e+07 92550366 <2e-16 \*\*\*

`가장 불편한부위\_22` 2.887e+15 4.045e+07 71363273 <2e-16 \*\*\*

`가장 불편한부위\_23` 2.939e+15 3.168e+07 92773267 <2e-16 \*\*\*

`가장 불편한부위\_24` 2.437e+15 3.187e+07 76452793 <2e-16 \*\*\*

`가장 불편한부위\_25` 2.913e+15 3.384e+07 86068309 <2e-16 \*\*\*

`가장 불편한부위\_26` 2.978e+15 3.539e+07 84124673 <2e-16 \*\*\*

`가장 불편한부위\_27` 8.348e+13 5.316e+07 1570163 <2e-16 \*\*\*

`가장 불편한부위\_31` 2.510e+15 3.211e+07 78163073 <2e-16 \*\*\*

`가장 불편한부위\_32` 2.546e+15 3.255e+07 78224450 <2e-16 \*\*\*

`가장 불편한부위\_33` 4.590e+14 3.334e+07 13767280 <2e-16 \*\*\*

`가장 불편한부위\_34` 2.011e+15 3.241e+07 62053068 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.489e+15 3.102e+07 80227277 <2e-16 \*\*\*

`가장 불편한부위\_36` 2.307e+15 3.098e+07 74487065 <2e-16 \*\*\*

`가장 불편한부위\_37` 2.053e+15 3.157e+07 65020393 <2e-16 \*\*\*

`가장 불편한부위\_38` 2.958e+15 3.094e+07 95619765 <2e-16 \*\*\*

`가장 불편한부위\_41` 1.782e+15 3.552e+07 50165728 <2e-16 \*\*\*

`가장 불편한부위\_42` 9.193e+14 3.475e+07 26454621 <2e-16 \*\*\*

`가장 불편한부위\_43` 1.056e+15 3.327e+07 31742877 <2e-16 \*\*\*

`가장 불편한부위\_44` 1.426e+15 3.402e+07 41899399 <2e-16 \*\*\*

`가장 불편한부위\_45` 9.663e+14 3.309e+07 29200329 <2e-16 \*\*\*

`가장 불편한부위\_46` 2.280e+15 4.138e+07 55112723 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 -5.482e+14 2.671e+07 -20522928 <2e-16 \*\*\*

장애발생시기...35\_2 -4.200e+14 1.288e+07 -32603035 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -2.139e+15 3.362e+07 -63616012 <2e-16 \*\*\*

`장애주된 원인\_14` 1.800e+13 3.212e+07 560468 <2e-16 \*\*\*

`장애주된 원인\_15` 1.092e+15 5.713e+07 19122401 <2e-16 \*\*\*

`장애주된 원인\_17` -3.535e+15 3.135e+07 -112770133 <2e-16 \*\*\*

`장애주된 원인\_31` 1.198e+15 7.721e+07 15510775 <2e-16 \*\*\*

`장애주된 원인\_40` 1.821e+15 1.051e+08 17331419 <2e-16 \*\*\*

`장애주된 원인\_43` -4.059e+15 7.431e+07 -54617600 <2e-16 \*\*\*

`장애주된 원인\_46` -2.459e+15 4.122e+07 -59661514 <2e-16 \*\*\*

`장애주된 원인\_47` 9.189e+14 7.158e+07 12837515 <2e-16 \*\*\*

`장애주된 원인\_48` -9.309e+14 2.363e+07 -39397344 <2e-16 \*\*\*

`장애주된 원인\_49` -3.057e+15 3.920e+07 -77970259 <2e-16 \*\*\*

`장애주된 원인\_50` 2.115e+14 7.273e+07 2907250 <2e-16 \*\*\*

`장애주된 원인\_51` -1.698e+15 5.262e+07 -32276306 <2e-16 \*\*\*

`장애주된 원인\_60` -7.476e+14 3.595e+07 -20792187 <2e-16 \*\*\*

`장애주된 원인\_61` -1.084e+15 2.388e+07 -45376992 <2e-16 \*\*\*

`장애주된 원인\_62` -4.688e+14 2.363e+07 -19843192 <2e-16 \*\*\*

`장애주된 원인\_63` -6.529e+14 2.405e+07 -27148306 <2e-16 \*\*\*

`장애주된 원인\_64` -5.634e+14 2.471e+07 -22798102 <2e-16 \*\*\*

`장애주된 원인\_65` 3.602e+14 2.972e+07 12117701 <2e-16 \*\*\*

`장애주된 원인\_66` -8.223e+14 2.885e+07 -28499359 <2e-16 \*\*\*

`장애주된 원인\_67` 7.774e+14 4.157e+07 18700498 <2e-16 \*\*\*

`장애주된 원인\_68` -4.692e+14 2.702e+07 -17365397 <2e-16 \*\*\*

`장애주된 원인\_69` -2.712e+14 2.340e+07 -11591502 <2e-16 \*\*\*

`장애주된 원인\_70` 3.764e+14 7.124e+07 5282762 <2e-16 \*\*\*

`장애주된 원인\_71` -1.579e+15 4.545e+07 -34732339 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -3.739e+15 1.059e+08 -35324531 <2e-16 \*\*\*

질병명...38\_103 -4.197e+15 1.065e+08 -39418266 <2e-16 \*\*\*

질병명...38\_105 -6.046e+15 1.210e+08 -49963819 <2e-16 \*\*\*

질병명...38\_108 -1.747e+15 1.245e+08 -14037829 <2e-16 \*\*\*

질병명...38\_109 -2.956e+15 1.041e+08 -28389777 <2e-16 \*\*\*

질병명...38\_134 7.921e+15 1.000e+08 79194966 <2e-16 \*\*\*

질병명...38\_137 6.043e+15 8.641e+07 69937725 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 1.698e+15 4.247e+07 39972548 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 5.242e+14 8.440e+06 62107843 <2e-16 \*\*\*

질병명...38\_173 -2.045e+14 1.407e+07 -14539282 <2e-16 \*\*\*

질병명...38\_174 -1.868e+15 2.129e+07 -87758963 <2e-16 \*\*\*

질병명...38\_175 1.508e+14 6.832e+06 22071937 <2e-16 \*\*\*

질병명...38\_177 -1.026e+15 1.504e+07 -68232654 <2e-16 \*\*\*

질병명...38\_178 -3.007e+15 3.942e+07 -76283736 <2e-16 \*\*\*

질병명...38\_179 4.139e+14 4.079e+07 10147918 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 2.958e+15 4.313e+07 68583378 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 3.854e+14 9.658e+07 3990962 <2e-16 \*\*\*

질병명...38\_188 -1.988e+15 7.250e+07 -27427177 <2e-16 \*\*\*

질병명...38\_190 1.381e+15 7.649e+07 18056477 <2e-16 \*\*\*

질병명...38\_191 1.989e+15 8.811e+07 22568631 <2e-16 \*\*\*

질병명...38\_192 -1.602e+15 7.557e+07 -21205054 <2e-16 \*\*\*

질병명...38\_201 -1.772e+14 7.292e+07 -2430060 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 3.747e+14 3.759e+06 99674494 <2e-16 \*\*\*

산업재해인정여부...39\_1 7.462e+13 6.103e+06 12225616 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -2.499e+15 3.415e+07 -73196308 <2e-16 \*\*\*

`주된 진단명...40\_2` -6.703e+14 1.983e+07 -33801872 <2e-16 \*\*\*

`주된 진단명...40\_3` 3.837e+14 3.152e+07 12174165 <2e-16 \*\*\*

`주된 진단명...40\_4` -1.748e+14 1.465e+07 -11937470 <2e-16 \*\*\*

`주된 진단명...40\_5` -2.041e+15 5.546e+07 -36796532 <2e-16 \*\*\*

`주된 진단명...40\_6` 2.978e+13 1.089e+07 2734452 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 1.497e+13 1.742e+07 859434 <2e-16 \*\*\*

`주된 진단명...40\_9` 3.106e+14 2.238e+07 13882214 <2e-16 \*\*\*

`주된 진단명...40\_10` 5.031e+14 1.558e+07 32295453 <2e-16 \*\*\*

`주된 진단명...40\_11` -3.917e+14 1.217e+07 -32188745 <2e-16 \*\*\*

`주된 진단명...40\_12` -2.096e+14 9.894e+06 -21182446 <2e-16 \*\*\*

`주된 진단명...40\_13` 8.515e+14 2.338e+07 36426921 <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: 11678 on 2565 degrees of freedom

AIC: 11920

**> 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

-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(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: (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(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

-8.49 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(e2$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=e2))**

Call:glm(formula = e2$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = e2)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 0.00 0.00 0.00 8.49

Coefficients: (38 not defined because of singularities)

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

(Intercept) -3.568e+15 1.383e+06 -2.579e+09 <2e-16 \*\*\*

`보청기 - 필요\_1` 2.551e+15 9.103e+06 2.802e+08 <2e-16 \*\*\*

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` -3.043e+14 1.979e+07 -1.537e+07 <2e-16 \*\*\*

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` 3.257e+14 2.039e+07 1.598e+07 <2e-16 \*\*\*

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` -9.248e+14 3.991e+07 -2.318e+07 <2e-16 \*\*\*

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` -1.471e+15 1.337e+08 -1.100e+07 <2e-16 \*\*\*

`의사소통 보조기기-소지\_2` NA NA NA NA

`욕창방지용매트-필요\_1` -1.002e+15 1.672e+07 -5.990e+07 <2e-16 \*\*\*

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` 2.371e+15 4.525e+07 5.239e+07 <2e-16 \*\*\*

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` -8.239e+14 4.459e+07 -1.848e+07 <2e-16 \*\*\*

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` 1.086e+15 1.892e+07 5.741e+07 <2e-16 \*\*\*

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` -2.631e+15 3.731e+07 -7.053e+07 <2e-16 \*\*\*

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` 2.053e+15 4.086e+07 5.025e+07 <2e-16 \*\*\*

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` 1.626e+14 8.828e+06 1.842e+07 <2e-16 \*\*\*

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` -2.887e+15 3.801e+07 -7.594e+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` 3.465e+15 3.948e+07 8.777e+07 <2e-16 \*\*\*

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`기립보조기구-필요\_1` 4.978e+14 1.181e+07 4.214e+07 <2e-16 \*\*\*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -1.206e+15 2.418e+07 -4.990e+07 <2e-16 \*\*\*

`기립보조기구-소지\_2` NA NA NA NA

`기저귀매트-필요\_1` 2.490e+15 1.705e+07 1.461e+08 <2e-16 \*\*\*

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` -7.840e+14 2.037e+07 -3.848e+07 <2e-16 \*\*\*

`기저귀매트-소지\_2` NA NA NA NA

`목욕의자및이동욕조-필요\_1` 8.030e+14 7.400e+06 1.085e+08 <2e-16 \*\*\*

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -1.211e+15 3.016e+07 -4.013e+07 <2e-16 \*\*\*

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 2.041e+15 3.111e+07 6.561e+07 <2e-16 \*\*\*

`목욕의자및이동욕조-사용\_2` NA NA NA NA

`이동변기-필요\_1` 6.207e+14 1.265e+07 4.907e+07 <2e-16 \*\*\*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` -1.661e+15 1.981e+07 -8.383e+07 <2e-16 \*\*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` 4.101e+14 2.096e+07 1.956e+07 <2e-16 \*\*\*

`이동변기-사용\_2` NA NA NA NA

`특수키보드-필요\_1` 2.948e+15 6.830e+07 4.315e+07 <2e-16 \*\*\*

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -6.301e+14 9.940e+07 -6.339e+06 <2e-16 \*\*\*

`특수키보드-소지\_2` NA NA NA NA

`특수마우스-필요\_1` -1.860e+15 8.348e+07 -2.228e+07 <2e-16 \*\*\*

`특수마우스-필요\_2` NA NA NA NA

`각종스위치-필요\_1` -4.032e+13 1.142e+07 -3.531e+06 <2e-16 \*\*\*

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` -1.561e+15 3.649e+07 -4.279e+07 <2e-16 \*\*\*

`각종스위치-소지\_2` NA NA NA NA

`음성인식장치-필요\_1` -2.407e+15 3.983e+07 -6.043e+07 <2e-16 \*\*\*

`음성인식장치-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-필요\_1` 2.157e+15 7.286e+07 2.961e+07 <2e-16 \*\*\*

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` -3.221e+14 1.007e+08 -3.198e+06 <2e-16 \*\*\*

`터치스크린,스크린키보드-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 on 2685 degrees of freedom

Residual deviance: 10741 on 2653 degrees of freedom

AIC: 10807

**> summary(glm(f2$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=f2))**

Call:glm(formula = f2$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = f2)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.3966 -0.3628 -0.3070 -0.2211 2.7845

Coefficients: (33 not defined because of singularities)

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

(Intercept) -3.084e+00 1.176e+00 -2.622e+00 0.00874 \*\*

`환경제어장치-필요\_1` -1.131e-01 1.152e+00 -9.800e-02 0.92178

`환경제어장치-필요\_2` NA NA NA NA

`환경제어장치-소지\_1` -2.245e+01 1.174e+05 0.000e+00 0.99985

`환경제어장치-소지\_2` NA NA NA NA

`이동식 전동리프트-필요\_1` -4.899e-01 1.671e+00 -2.930e-01 0.76942

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` -2.659e+01 4.663e+05 0.000e+00 0.99995

`이동식 전동리프트-소지\_2` NA NA NA NA

`주택개조-필요\_1` 1.296e-01 3.337e-01 3.880e-01 0.69772

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` -2.179e+01 4.713e+04 0.000e+00 0.99963

`주택개조-소지\_2` NA NA NA NA

`장애인용의복-필요\_1` 2.266e+00 1.667e+00 1.359e+00 0.17418

`장애인용의복-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-필요\_1` -4.504e+15 2.536e+07 -1.776e+08 < 2e-16 \*\*\*

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` 4.602e+03 3.072e+07 0.000e+00 0.99988

`자동차개조,운전보조장치-소지\_2` NA NA NA NA

`경보시스템-필요\_1` 1.638e-01 4.149e-01 3.950e-01 0.69294

`경보시스템-필요\_2` NA NA NA NA

`경보시스템-소지\_1` 1.852e+13 7.503e+13 2.470e-01 0.80500

`경보시스템-소지\_2` NA NA NA NA

`경보시스템-사용\_0` NA NA NA NA

`경보시스템-사용\_1` -1.852e+13 7.503e+13 -2.470e-01 0.80500

`경보시스템-사용\_2` -1.852e+13 7.503e+13 -2.470e-01 0.80500

`레크레이션용보조기구-필요\_1` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`레크레이션용보조기구-필요\_2` NA NA NA NA

`배회감지기-필요\_1` -1.274e+01 1.867e+02 -6.800e-02 0.94558

`배회감지기-필요\_2` NA NA NA NA

`안전손잡이-필요\_1` 4.707e-01 2.882e-01 1.633e+00 0.10237

`안전손잡이-필요\_2` NA NA NA NA

`안전손잡이-소지\_1` 1.243e+13 4.439e+13 2.800e-01 0.77946

`안전손잡이-소지\_2` NA NA NA NA

`안전손잡이-사용\_0` NA NA NA NA

`안전손잡이-사용\_1` -1.243e+13 4.439e+13 -2.800e-01 0.77946

`안전손잡이-사용\_2` -1.243e+13 4.439e+13 -2.800e-01 0.77946

`음식,음료섭취용 보조기구-필요\_1` 1.405e+00 1.052e+00 1.336e+00 0.18146

`음식,음료섭취용 보조기구-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 1.104e+00 1.785e+00 6.180e-01 0.53639

`음식,음료섭취용 보조기구-소지\_2` NA NA NA NA

`기타-필요...666\_1` -2.277e+01 3.507e+05 0.000e+00 0.99995

`기타-필요...666\_2` NA NA NA NA

`기타-소지...667\_1` -1.867e+00 4.421e+05 0.000e+00 1.00000

`기타-소지...667\_2` NA NA NA NA

`산소발생기-필요...669\_1` -2.325e+01 2.004e+05 0.000e+00 0.99991

`산소발생기-필요...669\_2` NA NA NA NA

`산소발생기-소지...670\_1` -1.234e+00 3.756e+05 0.000e+00 1.00000

`산소발생기-소지...670\_2` NA NA NA NA

`인공호흡기-필요...672\_1` 1.317e+00 4.731e+05 0.000e+00 1.00000

`인공호흡기-필요...672\_2` NA NA NA NA

`인공호흡기-소지...673\_1` -2.463e+01 5.890e+05 0.000e+00 0.99997

`인공호흡기-소지...673\_2` NA NA NA NA

사용빈도\_0 3.077e-01 1.176e+00 2.620e-01 0.79366

사용빈도\_1 1.078e+00 1.047e+00 1.029e+00 0.30357

사용빈도\_2 8.474e-01 1.091e+00 7.770e-01 0.43728

사용빈도\_3 6.909e-01 1.129e+00 6.120e-01 0.54071

사용빈도\_4 3.542e-01 1.261e+00 2.810e-01 0.77875

사용빈도\_5 9.740e-01 1.199e+00 8.120e-01 0.41662

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` 3.870e-01 6.077e-01 6.370e-01 0.52425

`1일 이용시간\_2` -2.035e-01 5.773e-01 -3.520e-01 0.72450

`1일 이용시간\_3` -3.360e-01 5.542e-01 -6.060e-01 0.54436

`1일 이용시간\_4` -1.026e-01 5.928e-01 -1.730e-01 0.86267

`1일 이용시간\_5` 2.543e-01 6.782e-01 3.750e-01 0.70767

`1일 이용시간\_6` -5.606e-01 8.970e-01 -6.250e-01 0.53195

`1일 이용시간\_7` 5.521e-02 8.025e-01 6.900e-02 0.94515

`1일 이용시간\_8` -4.398e-01 7.297e-01 -6.030e-01 0.54674

`1일 이용시간\_9` NA NA NA NA

`이용경험-상담과 평가\_1` -9.222e-02 2.380e-01 -3.880e-01 0.69838

`이용경험-상담과 평가\_2` NA NA NA NA

`휴대폰 사용 여부\_1` -1.552e-01 2.560e-01 -6.060e-01 0.54432

`휴대폰 사용 여부\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -8.986e-01 3.318e-01 -2.708e+00 0.00677 \*\*

`스마트폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` 6.934e-02 5.451e-01 1.270e-01 0.89877

`검퓨터 사용 여부\_2` NA NA NA NA

`인터넷 사용 여부\_1` -9.289e-02 5.336e-01 -1.740e-01 0.86180

`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: 1057 on 2639 degrees of freedom

AIC: 1151

**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: (16 not defined because of singularities)

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

(Intercept) -8.220e+15 5.827e+07 -141083081 <2e-16 \*\*\*

생년 -2.124e+15 1.219e+07 -174208957 <2e-16 \*\*\*

`장애등록 연도` 6.788e+14 7.000e+06 96965954 <2e-16 \*\*\*

`가구 월평균 지출액` 4.193e+12 1.634e+07 256666 <2e-16 \*\*\*

`월 혈압약 일수` 6.224e+14 2.764e+06 225159004 <2e-16 \*\*\*

장애등급...20\_1 1.257e+15 1.154e+07 108890026 <2e-16 \*\*\*

장애등급...20\_2 4.589e+14 7.400e+06 62015377 <2e-16 \*\*\*

장애등급...20\_3 5.504e+14 5.061e+06 108756116 <2e-16 \*\*\*

장애등급...20\_4 2.684e+14 4.268e+06 62880517 <2e-16 \*\*\*

장애등급...20\_5 4.019e+14 3.484e+06 115358225 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 4.373e+15 4.991e+07 87613572 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 5.507e+15 5.271e+07 104491801 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 4.465e+15 5.007e+07 89181279 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 3.952e+15 5.605e+07 70503833 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 3.751e+15 5.119e+07 73271668 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 4.429e+15 5.025e+07 88152517 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 4.791e+15 6.036e+07 79383905 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 4.032e+15 5.112e+07 78867510 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 2.290e+15 8.530e+07 26850847 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 4.267e+15 5.200e+07 82063010 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 4.651e+15 5.073e+07 91671284 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 2.621e+15 5.138e+07 51013534 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 3.838e+15 5.033e+07 76255026 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 4.204e+15 5.046e+07 83312427 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.580e+15 4.997e+07 71649370 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`장애부위(하지)...32\_0` 4.166e+14 7.460e+06 55848678 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 4.530e+14 5.218e+06 86824824 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 1.904e+14 5.350e+06 35598179 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`가장 불편한부위\_11` -3.351e+14 4.307e+07 -7781753 <2e-16 \*\*\*

`가장 불편한부위\_12` -6.970e+13 3.832e+07 -1819096 <2e-16 \*\*\*

`가장 불편한부위\_13` 6.205e+14 3.729e+07 16641166 <2e-16 \*\*\*

`가장 불편한부위\_14` 1.970e+15 3.434e+07 57368868 <2e-16 \*\*\*

`가장 불편한부위\_15` 1.211e+15 5.885e+07 20579381 <2e-16 \*\*\*

`가장 불편한부위\_16` -9.765e+14 3.885e+07 -25135467 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.786e+15 3.619e+07 76975567 <2e-16 \*\*\*

`가장 불편한부위\_18` -1.071e+15 3.975e+07 -26954469 <2e-16 \*\*\*

`가장 불편한부위\_19` 1.103e+15 4.119e+07 26786097 <2e-16 \*\*\*

`가장 불편한부위\_21` 2.973e+15 3.212e+07 92550366 <2e-16 \*\*\*

`가장 불편한부위\_22` 2.887e+15 4.045e+07 71363273 <2e-16 \*\*\*

`가장 불편한부위\_23` 2.939e+15 3.168e+07 92773267 <2e-16 \*\*\*

`가장 불편한부위\_24` 2.437e+15 3.187e+07 76452793 <2e-16 \*\*\*

`가장 불편한부위\_25` 2.913e+15 3.384e+07 86068309 <2e-16 \*\*\*

`가장 불편한부위\_26` 2.978e+15 3.539e+07 84124673 <2e-16 \*\*\*

`가장 불편한부위\_27` 8.348e+13 5.316e+07 1570163 <2e-16 \*\*\*

`가장 불편한부위\_31` 2.510e+15 3.211e+07 78163073 <2e-16 \*\*\*

`가장 불편한부위\_32` 2.546e+15 3.255e+07 78224450 <2e-16 \*\*\*

`가장 불편한부위\_33` 4.590e+14 3.334e+07 13767280 <2e-16 \*\*\*

`가장 불편한부위\_34` 2.011e+15 3.241e+07 62053068 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.489e+15 3.102e+07 80227277 <2e-16 \*\*\*

`가장 불편한부위\_36` 2.307e+15 3.098e+07 74487065 <2e-16 \*\*\*

`가장 불편한부위\_37` 2.053e+15 3.157e+07 65020393 <2e-16 \*\*\*

`가장 불편한부위\_38` 2.958e+15 3.094e+07 95619765 <2e-16 \*\*\*

`가장 불편한부위\_41` 1.782e+15 3.552e+07 50165728 <2e-16 \*\*\*

`가장 불편한부위\_42` 9.193e+14 3.475e+07 26454621 <2e-16 \*\*\*

`가장 불편한부위\_43` 1.056e+15 3.327e+07 31742877 <2e-16 \*\*\*

`가장 불편한부위\_44` 1.426e+15 3.402e+07 41899399 <2e-16 \*\*\*

`가장 불편한부위\_45` 9.663e+14 3.309e+07 29200329 <2e-16 \*\*\*

`가장 불편한부위\_46` 2.280e+15 4.138e+07 55112723 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 -5.482e+14 2.671e+07 -20522928 <2e-16 \*\*\*

장애발생시기...35\_2 -4.200e+14 1.288e+07 -32603035 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -2.139e+15 3.362e+07 -63616012 <2e-16 \*\*\*

`장애주된 원인\_14` 1.800e+13 3.212e+07 560468 <2e-16 \*\*\*

`장애주된 원인\_15` 1.092e+15 5.713e+07 19122401 <2e-16 \*\*\*

`장애주된 원인\_17` -3.535e+15 3.135e+07 -112770133 <2e-16 \*\*\*

`장애주된 원인\_31` 1.198e+15 7.721e+07 15510775 <2e-16 \*\*\*

`장애주된 원인\_40` 1.821e+15 1.051e+08 17331419 <2e-16 \*\*\*

`장애주된 원인\_43` -4.059e+15 7.431e+07 -54617600 <2e-16 \*\*\*

`장애주된 원인\_46` -2.459e+15 4.122e+07 -59661514 <2e-16 \*\*\*

`장애주된 원인\_47` 9.189e+14 7.158e+07 12837515 <2e-16 \*\*\*

`장애주된 원인\_48` -9.309e+14 2.363e+07 -39397344 <2e-16 \*\*\*

`장애주된 원인\_49` -3.057e+15 3.920e+07 -77970259 <2e-16 \*\*\*

`장애주된 원인\_50` 2.115e+14 7.273e+07 2907250 <2e-16 \*\*\*

`장애주된 원인\_51` -1.698e+15 5.262e+07 -32276306 <2e-16 \*\*\*

`장애주된 원인\_60` -7.476e+14 3.595e+07 -20792187 <2e-16 \*\*\*

`장애주된 원인\_61` -1.084e+15 2.388e+07 -45376992 <2e-16 \*\*\*

`장애주된 원인\_62` -4.688e+14 2.363e+07 -19843192 <2e-16 \*\*\*

`장애주된 원인\_63` -6.529e+14 2.405e+07 -27148306 <2e-16 \*\*\*

`장애주된 원인\_64` -5.634e+14 2.471e+07 -22798102 <2e-16 \*\*\*

`장애주된 원인\_65` 3.602e+14 2.972e+07 12117701 <2e-16 \*\*\*

`장애주된 원인\_66` -8.223e+14 2.885e+07 -28499359 <2e-16 \*\*\*

`장애주된 원인\_67` 7.774e+14 4.157e+07 18700498 <2e-16 \*\*\*

`장애주된 원인\_68` -4.692e+14 2.702e+07 -17365397 <2e-16 \*\*\*

`장애주된 원인\_69` -2.712e+14 2.340e+07 -11591502 <2e-16 \*\*\*

`장애주된 원인\_70` 3.764e+14 7.124e+07 5282762 <2e-16 \*\*\*

`장애주된 원인\_71` -1.579e+15 4.545e+07 -34732339 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -3.739e+15 1.059e+08 -35324531 <2e-16 \*\*\*

질병명...38\_103 -4.197e+15 1.065e+08 -39418266 <2e-16 \*\*\*

질병명...38\_105 -6.046e+15 1.210e+08 -49963819 <2e-16 \*\*\*

질병명...38\_108 -1.747e+15 1.245e+08 -14037829 <2e-16 \*\*\*

질병명...38\_109 -2.956e+15 1.041e+08 -28389777 <2e-16 \*\*\*

질병명...38\_134 7.921e+15 1.000e+08 79194966 <2e-16 \*\*\*

질병명...38\_137 6.043e+15 8.641e+07 69937725 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 1.698e+15 4.247e+07 39972548 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 5.242e+14 8.440e+06 62107843 <2e-16 \*\*\*

질병명...38\_173 -2.045e+14 1.407e+07 -14539282 <2e-16 \*\*\*

질병명...38\_174 -1.868e+15 2.129e+07 -87758963 <2e-16 \*\*\*

질병명...38\_175 1.508e+14 6.832e+06 22071937 <2e-16 \*\*\*

질병명...38\_177 -1.026e+15 1.504e+07 -68232654 <2e-16 \*\*\*

질병명...38\_178 -3.007e+15 3.942e+07 -76283736 <2e-16 \*\*\*

질병명...38\_179 4.139e+14 4.079e+07 10147918 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 2.958e+15 4.313e+07 68583378 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 3.854e+14 9.658e+07 3990962 <2e-16 \*\*\*

질병명...38\_188 -1.988e+15 7.250e+07 -27427177 <2e-16 \*\*\*

질병명...38\_190 1.381e+15 7.649e+07 18056477 <2e-16 \*\*\*

질병명...38\_191 1.989e+15 8.811e+07 22568631 <2e-16 \*\*\*

질병명...38\_192 -1.602e+15 7.557e+07 -21205054 <2e-16 \*\*\*

질병명...38\_201 -1.772e+14 7.292e+07 -2430060 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 3.747e+14 3.759e+06 99674494 <2e-16 \*\*\*

산업재해인정여부...39\_1 7.462e+13 6.103e+06 12225616 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -2.499e+15 3.415e+07 -73196308 <2e-16 \*\*\*

`주된 진단명...40\_2` -6.703e+14 1.983e+07 -33801872 <2e-16 \*\*\*

`주된 진단명...40\_3` 3.837e+14 3.152e+07 12174165 <2e-16 \*\*\*

`주된 진단명...40\_4` -1.748e+14 1.465e+07 -11937470 <2e-16 \*\*\*

`주된 진단명...40\_5` -2.041e+15 5.546e+07 -36796532 <2e-16 \*\*\*

`주된 진단명...40\_6` 2.978e+13 1.089e+07 2734452 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 1.497e+13 1.742e+07 859434 <2e-16 \*\*\*

`주된 진단명...40\_9` 3.106e+14 2.238e+07 13882214 <2e-16 \*\*\*

`주된 진단명...40\_10` 5.031e+14 1.558e+07 32295453 <2e-16 \*\*\*

`주된 진단명...40\_11` -3.917e+14 1.217e+07 -32188745 <2e-16 \*\*\*

`주된 진단명...40\_12` -2.096e+14 9.894e+06 -21182446 <2e-16 \*\*\*

`주된 진단명...40\_13` 8.515e+14 2.338e+07 36426921 <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: 11678 on 2565 degrees of freedom

AIC: 11920

**> 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

-1.0590 -0.4346 -0.2717 -0.1805 3.1049

Coefficients: (16 not defined because of singularities)

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

(Intercept) -8.930e+13 2.423e+14 -3.690e-01 0.71250

`국가유공자, 차상위경감 대상여부\_0` -7.007e-01 3.509e-01 -1.997e+00 0.04580 \*

`국가유공자, 차상위경감 대상여부\_1` -1.883e-01 5.250e-01 -3.590e-01 0.71981

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -4.504e+15 3.001e+07 -1.501e+08 < 2e-16 \*\*\*

`주관적 건강 평가\_2` -1.945e+00 7.323e-01 -2.657e+00 0.00789 \*\*

`주관적 건강 평가\_3` -1.242e+00 2.860e-01 -4.343e+00 1.41e-05 \*\*\*

`주관적 건강 평가\_4` -5.127e-01 2.334e-01 -2.197e+00 0.02806 \*

`주관적 건강 평가\_5` NA NA NA NA

`혈압약 복용 여부\_0` 5.119e+12 4.616e+13 1.110e-01 0.91171

`혈압약 복용 여부\_1` 5.119e+12 4.616e+13 1.110e-01 0.91170

`혈압약 복용 여부\_2` -4.498e+15 4.616e+13 -9.745e+01 < 2e-16 \*\*\*

`혈당관리 치료 여부\_0` 6.023e+13 1.629e+14 3.700e-01 0.71152

`혈당관리 치료 여부\_1` 3.703e+13 1.065e+14 3.480e-01 0.72816

`혈당관리 치료 여부\_2` 6.023e+13 1.629e+14 3.700e-01 0.71152

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` -8.177e-01 1.049e+00 -7.800e-01 0.43564

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` 2.320e+13 5.676e+13 4.090e-01 0.68278

`혈당치료 - 당뇨병약\_2` 2.320e+13 5.676e+13 4.090e-01 0.68278

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` -4.152e-01 3.832e-01 -1.084e+00 0.27856

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` -2.403e+01 2.140e+05 0.000e+00 0.99991

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` -7.590e-02 6.338e-01 -1.200e-01 0.90467

`우울증 치료 여부\_1` 2.073e-01 7.189e-01 2.880e-01 0.77304

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` 9.531e-01 1.020e+00 9.350e-01 0.35001

`암 종류1\_1` -6.085e+01 1.640e+07 0.000e+00 1.00000

`암 종류1\_2` 1.258e+00 1.455e+00 8.650e-01 0.38717

`암 종류1\_3` -2.373e+01 1.434e+05 0.000e+00 0.99987

`암 종류1\_4` -2.296e+01 9.708e+04 0.000e+00 0.99981

`암 종류1\_5` -8.942e+01 3.380e+07 0.000e+00 1.00000

`암 종류1\_6` -2.271e+01 9.832e+04 0.000e+00 0.99982

`암 종류1\_7` -2.250e+01 9.913e+04 0.000e+00 0.99982

`암 종류1\_8` 2.602e+00 1.340e+00 1.942e+00 0.05220 .

`암 종류1\_9` 1.695e+09 6.711e+07 2.526e+01 < 2e-16 \*\*\*

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -5.151e+01 1.640e+07 0.000e+00 1.00000

`암 종류2\_2` -4.768e+01 1.640e+07 0.000e+00 1.00000

`암 종류2\_3` -6.801e+01 1.640e+07 0.000e+00 1.00000

`암 종류2\_4` 2.395e+13 5.204e+13 4.600e-01 0.64536

`암 종류2\_6` -2.836e+01 6.711e+07 0.000e+00 1.00000

`암 종류2\_8` -1.695e+09 6.908e+07 -2.454e+01 < 2e-16 \*\*\*

`암 종류2\_9` -2.073e+03 6.908e+07 0.000e+00 0.99998

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` 2.395e+13 5.204e+13 4.600e-01 0.64536

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` 2.395e+13 5.204e+13 4.600e-01 0.64536

`지난 2주간 아팠음 여부\_1` 1.958e-01 7.441e-01 2.630e-01 0.79239

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` -2.299e+01 1.552e+05 0.000e+00 0.99988

`지난 2주간 아팠던 날수\_2` 8.833e-01 1.058e+00 8.350e-01 0.40395

`지난 2주간 아팠던 날수\_3` -2.272e+01 6.661e+04 0.000e+00 0.99973

`지난 2주간 아팠던 날수\_4` -2.263e+01 1.088e+05 0.000e+00 0.99983

`지난 2주간 아팠던 날수\_5` -2.274e+01 6.452e+04 0.000e+00 0.99972

`지난 2주간 아팠던 날수\_6` -2.293e+01 1.814e+05 0.000e+00 0.99990

`지난 2주간 아팠던 날수\_7` -2.286e+01 8.049e+04 0.000e+00 0.99977

`지난 2주간 아팠던 날수\_8` -2.293e+01 2.575e+05 0.000e+00 0.99993

`지난 2주간 아팠던 날수\_10` -2.301e+01 1.086e+05 0.000e+00 0.99983

`지난 2주간 아팠던 날수\_12` 7.338e-01 1.183e+00 6.200e-01 0.53497

`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: 1140.0 on 2685 degrees of freedom

Residual deviance: 1032.3 on 2636 degrees of freedom

AIC: 1132.3

**> 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

-1.1631 -0.3400 -0.2485 -0.2485 2.6430

Coefficients: (4 not defined because of singularities)

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

(Intercept) -2.732e+11 2.801e+12 -0.098 0.9223

`EQ-5D (자기관리)\_0` -2.610e+07 6.711e+07 -0.389 0.6973

`EQ-5D (자기관리)\_1` -1.401e+00 5.637e-01 -2.485 0.0129 \*

`EQ-5D (자기관리)\_2` -3.961e-01 5.148e-01 -0.770 0.4416

`EQ-5D (자기관리)\_3` NA NA NA NA

`ADL - 구강청결\_1` 1.082e+00 1.358e+00 0.797 0.4255

`ADL - 구강청결\_2` 1.746e+00 1.301e+00 1.342 0.1797

`ADL - 구강청결\_3` 1.800e+00 1.267e+00 1.421 0.1554

`ADL - 구강청결\_4` NA NA NA NA

`ADL - 식사하기\_1` -2.344e+00 1.333e+00 -1.759 0.0786 .

`ADL - 식사하기\_2` -1.315e+00 1.306e+00 -1.007 0.3140

`ADL - 식사하기\_3` -1.473e+00 1.381e+00 -1.066 0.2865

`ADL - 식사하기\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 6.001e-01 5.693e-01 1.054 0.2918

`IADL<U+2013>대중교통수단 이용\_2` 1.240e+00 5.288e-01 2.345 0.0190 \*

`IADL<U+2013>대중교통수단 이용\_3` 9.347e-01 5.030e-01 1.858 0.0631 .

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

`도움 계속 필요 여부\_0` 2.732e+11 2.801e+12 0.098 0.9223

`도움 계속 필요 여부\_1` 2.732e+11 2.801e+12 0.098 0.9223

`도움 계속 필요 여부\_2` 2.732e+11 2.801e+12 0.098 0.9223

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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: 1048.5 on 2670 degrees of freedom

AIC: 1080.5

**> 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

-1.1121 -0.3536 -0.2779 -0.2779 2.7566

Coefficients: (26 not defined because of singularities)

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

(Intercept) -3.234e+00 1.286e-01 -25.152 <2e-16 \*\*\*

`상지의지-필요\_1` -2.478e+01 8.522e+03 -0.003 0.9977

`상지의지-필요\_2` NA NA NA NA

`상지의지-소지\_1` -9.375e+12 5.741e+13 -0.163 0.8703

`상지의지-소지\_2` NA NA NA NA

`상지의지-사용\_0` NA NA NA NA

`상지의지-사용\_1` 9.375e+12 5.741e+13 0.163 0.8703

`상지의지-사용\_2` 9.375e+12 5.741e+13 0.163 0.8703

`하지의지-필요\_1` -1.686e+01 1.193e+03 -0.014 0.9887

`하지의지-필요\_2` NA NA NA NA

`하지의지-소지\_1` 1.928e+01 1.193e+03 0.016 0.9871

`하지의지-소지\_2` NA NA NA NA

`하지의지-사용\_0` NA NA NA NA

`하지의지-사용\_1` -1.224e+00 1.409e+00 -0.868 0.3853

`하지의지-사용\_2` NA NA NA NA

`척추보조기-필요\_1` 8.310e-01 3.994e-01 2.081 0.0375 \*

`척추보조기-필요\_2` NA NA NA NA

`척추보조기-소지\_1` -7.052e-01 5.827e-01 -1.210 0.2263

`척추보조기-소지\_2` NA NA NA NA

`척추보조기-사용\_0` NA NA NA NA

`척추보조기-사용\_1` -6.684e-01 7.440e-01 -0.898 0.3689

`척추보조기-사용\_2` NA NA NA NA

`상지보조기-필요\_1` 1.930e+00 8.144e-01 2.370 0.0178 \*

`상지보조기-필요\_2` NA NA NA NA

`상지보조기-소지\_1` -5.333e-01 1.266e+00 -0.421 0.6736

`상지보조기-소지\_2` NA NA NA NA

`상지보조기-사용\_0` NA NA NA NA

`상지보조기-사용\_1` -3.683e-01 1.616e+00 -0.228 0.8197

`상지보조기-사용\_2` NA NA NA NA

`하지보조기-필요\_1` 3.175e-01 7.487e-01 0.424 0.6715

`하지보조기-필요\_2` NA NA NA NA

`하지보조기-소지\_1` -6.768e-01 1.158e+00 -0.585 0.5588

`하지보조기-소지\_2` NA NA NA NA

`하지보조기-사용\_0` NA NA NA NA

`하지보조기-사용\_1` 7.412e-01 1.328e+00 0.558 0.5767

`하지보조기-사용\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` -2.716e+01 4.932e+05 0.000 1.0000

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`맞춤형 교정용신발-소지\_1` -5.014e+12 1.657e+13 -0.303 0.7622

`맞춤형 교정용신발-소지\_2` NA NA NA NA

`맞춤형 교정용신발-사용\_0` NA NA NA NA

`맞춤형 교정용신발-사용\_1` 5.014e+12 1.657e+13 0.303 0.7622

`맞춤형 교정용신발-사용\_2` 5.014e+12 1.657e+13 0.303 0.7622

`지팡이-필요\_1` -7.600e-01 4.989e-01 -1.523 0.1277

`지팡이-필요\_2` NA NA NA NA

`지팡이-소지\_1` 6.930e-01 4.234e-01 1.637 0.1017

`지팡이-소지\_2` NA NA NA NA

`지팡이-사용\_0` NA NA NA NA

`지팡이-사용\_1` 1.103e+00 4.749e-01 2.323 0.0202 \*

`지팡이-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: 1078.5 on 2662 degrees of freedom

AIC: 1126.5

**> 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

-1.1149 -0.3007 -0.3007 -0.3007 2.7784

Coefficients: (49 not defined because of singularities)

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

(Intercept) -3.074e+00 1.115e-01 -2.756e+01 <2e-16 \*\*\*

`목발-필요\_1` 1.060e+00 8.123e-01 1.305e+00 0.192

`목발-필요\_2` NA NA NA NA

`목발-소지\_1` -7.647e-01 7.692e-01 -9.940e-01 0.320

`목발-소지\_2` NA NA NA NA

`목발-사용\_0` NA NA NA NA

`목발-사용\_1` -6.551e-01 8.297e-01 -7.900e-01 0.430

`목발-사용\_2` NA NA NA NA

`보행기-필요\_1` 5.462e-02 4.827e-01 1.130e-01 0.910

`보행기-필요\_2` NA NA NA NA

`보행기-소지\_1` 8.152e-02 7.548e-01 1.080e-01 0.914

`보행기-소지\_2` NA NA NA NA

`보행기-사용\_0` NA NA NA NA

`보행기-사용\_1` 2.332e-01 7.301e-01 3.190e-01 0.749

`보행기-사용\_2` NA NA NA NA

`전동휠체어-필요\_1` 2.091e-01 3.993e-01 5.240e-01 0.601

`전동휠체어-필요\_2` NA NA NA NA

`전동휠체어-소지\_1` 1.688e-01 1.270e+00 1.330e-01 0.894

`전동휠체어-소지\_2` NA NA NA NA

`전동휠체어-사용\_0` NA NA NA NA

`전동휠체어-사용\_1` -2.353e-01 1.295e+00 -1.820e-01 0.856

`전동휠체어-사용\_2` NA NA NA NA

`수동휠체어-필요\_1` -4.672e-01 7.809e-01 -5.980e-01 0.550

`수동휠체어-필요\_2` NA NA NA NA

`수동휠체어-소지\_1` 5.534e-01 8.340e-01 6.640e-01 0.507

`수동휠체어-소지\_2` NA NA NA NA

`수동휠체어-사용\_0` NA NA NA NA

`수동휠체어-사용\_1` 5.747e-01 9.790e-01 5.870e-01 0.557

`수동휠체어-사용\_2` NA NA NA NA

`전동스쿠터-필요\_1` -1.894e-01 4.371e-01 -4.330e-01 0.665

`전동스쿠터-필요\_2` NA NA NA NA

`전동스쿠터-소지\_1` 2.067e-01 1.148e+00 1.800e-01 0.857

`전동스쿠터-소지\_2` NA NA NA NA

`전동스쿠터-사용\_0` NA NA NA NA

`전동스쿠터-사용\_1` 7.817e-01 1.165e+00 6.710e-01 0.502

`전동스쿠터-사용\_2` NA NA NA NA

`자세보조용구-필요\_1` -3.250e-02 6.332e-01 -5.100e-02 0.959

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -7.616e+00 4.472e+01 -1.700e-01 0.865

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -5.345e+00 5.100e+02 -1.000e-02 0.992

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-필요\_1` 3.787e-02 7.654e-01 4.900e-02 0.961

`상하지운동기구-필요\_2` NA NA NA NA

`상하지운동기구-소지\_1` -8.038e+00 1.844e+02 -4.400e-02 0.965

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` 8.242e+00 1.844e+02 4.500e-02 0.964

`상하지운동기구-사용\_2` NA NA NA NA

`팔받침대-필요\_1` 8.273e-01 1.035e+00 7.990e-01 0.424

`팔받침대-필요\_2` NA NA NA NA

`팔받침대-소지\_1` -8.580e+03 4.745e+07 0.000e+00 1.000

`팔받침대-소지\_2` NA NA NA NA

`팔받침대-사용\_0` NA NA NA NA

`팔받침대-사용\_1` -4.504e+15 6.711e+07 -6.711e+07 <2e-16 \*\*\*

`팔받침대-사용\_2` NA NA NA NA

`기타-필요...459\_1` -2.225e+00 1.769e+00 -1.258e+00 0.209

`기타-필요...459\_2` NA NA NA NA

`기타-소지...460\_1` -5.085e+13 1.109e+14 -4.590e-01 0.647

`기타-소지...460\_2` NA NA NA NA

`기타-사용...461\_0` NA NA NA NA

`기타-사용...461\_1` 5.085e+13 1.109e+14 4.590e-01 0.647

`기타-사용...461\_2` -4.453e+15 1.109e+14 -4.016e+01 <2e-16 \*\*\*

`보청기 - 필요\_1` 7.191e-01 5.405e-01 1.330e+00 0.183

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` 2.304e+12 1.235e+13 1.870e-01 0.852

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` -2.304e+12 1.235e+13 -1.870e-01 0.852

`보청기 - 사용\_2` -4.506e+15 1.235e+13 -3.647e+02 <2e-16 \*\*\*

`의사소통 보조기기-필요\_1` 1.113e+00 1.450e+00 7.680e-01 0.443

`의사소통 보조기기-필요\_2` NA NA NA NA

`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` 5.227e-01 7.850e-01 6.660e-01 0.506

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` -9.741e+11 3.221e+13 -3.000e-02 0.976

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` 9.741e+11 3.221e+13 3.000e-02 0.976

`욕창방지용매트-사용\_2` -4.503e+15 3.221e+13 -1.398e+02 <2e-16 \*\*\*

`욕창방지용방석-필요\_1` 4.129e-01 8.626e-01 4.790e-01 0.632

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` 7.716e+12 2.129e+13 3.620e-01 0.717

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` -7.716e+12 2.129e+13 -3.620e-01 0.717

`욕창방지용방석-사용\_2` -7.716e+12 2.129e+13 -3.620e-01 0.717

`침대(전동 및 수동)-필요...603\_1` 5.336e-01 4.311e-01 1.238e+00 0.216

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` -1.729e+13 2.044e+13 -8.460e-01 0.398

`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` 1.729e+13 2.044e+13 8.460e-01 0.398

`침대(전동 및 수동)-사용\_2` 1.729e+13 2.044e+13 8.460e-01 0.398

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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: 1085.2 on 2639 degrees of freedom

AIC: 1179.2

**> summary(glm(f3$`02)만성질환명(뇌졸중,중풍)` ~ ., family=binomial, data=f3))**

Call:glm(formula = f3$`02)만성질환명(뇌졸중,중풍)` ~ ., family = binomial, data = f3)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.3713 -0.3668 -0.2365 -0.2365 2.6799

Coefficients: (21 not defined because of singularities)

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

(Intercept) -2.665e+00 1.157e-01 -23.034 < 2e-16 \*\*\*

`기립보조기구-필요\_1` 3.756e-01 5.418e-01 0.693 0.4882

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -1.184e+00 1.240e+00 -0.955 0.3397

`기립보조기구-소지\_2` NA NA NA NA

`기저귀매트-필요\_1` 1.242e+00 6.620e-01 1.876 0.0606 .

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` -4.063e-01 7.983e-01 -0.509 0.6108

`기저귀매트-소지\_2` NA NA NA NA

`목욕의자및이동욕조-필요\_1` 6.733e-01 3.664e-01 1.838 0.0661 .

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -3.530e+12 8.624e+12 -0.409 0.6823

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 3.530e+12 8.624e+12 0.409 0.6823

`목욕의자및이동욕조-사용\_2` 3.530e+12 8.624e+12 0.409 0.6823

`이동변기-필요\_1` 7.847e-01 5.189e-01 1.512 0.1305

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` -2.923e+12 1.927e+13 -0.152 0.8795

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` 2.923e+12 1.927e+13 0.152 0.8795

`이동변기-사용\_2` 2.923e+12 1.927e+13 0.152 0.8795

`특수키보드-필요\_1` -2.412e+01 2.612e+05 0.000 0.9999

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -2.019e+00 4.469e+05 0.000 1.0000

`특수키보드-소지\_2` NA NA NA NA

`특수마우스-필요\_1` 5.548e-01 3.770e+05 0.000 1.0000

`특수마우스-필요\_2` NA NA NA NA

`각종스위치-필요\_1` -1.354e-01 6.089e-01 -0.222 0.8240

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` -2.239e+01 1.621e+05 0.000 0.9999

`각종스위치-소지\_2` NA NA NA NA

`음성인식장치-필요\_1` -2.438e+01 1.863e+05 0.000 0.9999

`음성인식장치-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-필요\_1` 1.167e+00 4.177e+05 0.000 1.0000

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` -5.810e-01 5.496e+05 0.000 1.0000

`터치스크린,스크린키보드-소지\_2` NA NA NA NA

`자동차개조,운전보조장치-필요\_1` -2.355e+01 6.634e+04 0.000 0.9997

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`레크레이션용보조기구-필요\_1` -2.297e+01 3.510e+05 0.000 0.9999

`레크레이션용보조기구-필요\_2` NA NA NA NA

`스마트폰 사용 여부\_1` -8.979e-01 2.015e-01 -4.455 8.39e-06 \*\*\*

`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: 1055.8 on 2662 degrees of freedom

AIC: 1103.8

**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

-1.5396 -0.3854 -0.2594 -0.1430 3.0497

Coefficients: (3 not defined because of singularities)

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

(Intercept) 9.473e+12 5.892e+13 0.161 0.872273

생년 -3.333e+00 9.525e-01 -3.499 0.000467 \*\*\*

`장애등록 연도` 5.636e-01 4.811e-01 1.172 0.241354

`가구 월평균 지출액` -3.530e+00 1.504e+00 -2.346 0.018959 \*

`월 혈압약 일수` 1.059e+00 2.236e-01 4.735 2.19e-06 \*\*\*

장애등급...20\_1 1.744e+00 7.026e-01 2.482 0.013059 \*

장애등급...20\_2 9.078e-01 4.554e-01 1.994 0.046186 \*

장애등급...20\_3 7.096e-01 3.332e-01 2.130 0.033183 \*

장애등급...20\_4 3.263e-01 3.049e-01 1.070 0.284536

장애등급...20\_5 2.550e-01 2.595e-01 0.982 0.325885

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.071e+13 6.679e+13 0.460 0.645623

`가구 유형<U+00A0>\_19` 3.071e+13 6.675e+13 0.460 0.645430

`가구 유형<U+00A0>\_21` 3.071e+13 6.673e+13 0.460 0.645330

`가구 유형<U+00A0>\_22` 3.071e+13 6.674e+13 0.460 0.645392

`가구 유형<U+00A0>\_23` 3.071e+13 6.671e+13 0.460 0.645264

`가구 유형<U+00A0>\_24` 3.071e+13 6.674e+13 0.460 0.645398

`가구 유형<U+00A0>\_25` 3.071e+13 6.677e+13 0.460 0.645542

`가구 유형<U+00A0>\_26` 3.071e+13 6.676e+13 0.460 0.645517

`가구 유형<U+00A0>\_27` 3.071e+13 6.677e+13 0.460 0.645541

`가구 유형<U+00A0>\_28` 3.071e+13 6.676e+13 0.460 0.645470

`가구 유형<U+00A0>\_29` 3.071e+13 6.673e+13 0.460 0.645354

`가구 유형<U+00A0>\_31` 3.071e+13 6.675e+13 0.460 0.645464

`가구 유형<U+00A0>\_32` 3.071e+13 6.671e+13 0.460 0.645266

`가구 유형<U+00A0>\_39` 3.071e+13 6.676e+13 0.460 0.645503

`가구 유형<U+00A0>\_40` 3.071e+13 6.681e+13 0.460 0.645717

`가구 유형<U+00A0>\_50` -4.473e+15 6.676e+13 -67.000 < 2e-16 \*\*\*

`장애부위(하지)...32\_0` 5.497e-01 5.045e-01 1.089 0.275948

`장애부위(하지)...32\_1` 7.017e-01 3.336e-01 2.103 0.035440 \*

`장애부위(하지)...32\_2` 2.665e-01 3.599e-01 0.740 0.459041

`장애부위(하지)...32\_3` NA NA NA NA

`가장 불편한부위\_11` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_12` -4.544e+15 5.097e+13 -89.153 < 2e-16 \*\*\*

`가장 불편한부위\_13` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_14` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_15` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_16` -4.544e+15 5.097e+13 -89.153 < 2e-16 \*\*\*

`가장 불편한부위\_17` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_18` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_19` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_21` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_22` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_23` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_24` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_25` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_26` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_27` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_31` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_32` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_33` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_34` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_35` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_36` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_37` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_38` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_41` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_42` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_43` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_44` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_45` -4.544e+15 5.097e+13 -89.153 < 2e-16 \*\*\*

`가장 불편한부위\_46` -4.018e+13 5.097e+13 -0.788 0.430424

`가장 불편한부위\_47` -4.018e+13 5.097e+13 -0.788 0.430424

장애발생시기...35\_1 1.192e+00 1.045e+00 1.141 0.253962

장애발생시기...35\_2 -2.118e-01 1.078e+00 -0.197 0.844174

장애발생시기...35\_3 NA NA NA NA

---

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: 971.69 on 2624 degrees of freedom

AIC: 1095.7

**> 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

-1.0068 -0.3869 -0.3200 -0.2534 2.7996

Coefficients: (7 not defined because of singularities)

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

(Intercept) -2.551e+00 1.123e+00 -2.272e+00 0.0231 \*

`장애주된 원인\_10` -4.504e+15 2.378e+07 -1.894e+08 <2e-16 \*\*\*

`장애주된 원인\_14` -1.415e-01 1.126e+00 -1.260e-01 0.9000

`장애주된 원인\_15` -2.885e+04 4.745e+07 -1.000e-03 0.9995

`장애주된 원인\_17` -1.276e+01 1.846e+02 -6.900e-02 0.9449

`장애주된 원인\_31` -4.504e+15 6.725e+07 -6.697e+07 <2e-16 \*\*\*

`장애주된 원인\_40` 2.220e+13 6.658e+13 3.330e-01 0.7388

`장애주된 원인\_43` -5.328e+14 1.899e+15 -2.810e-01 0.7791

`장애주된 원인\_46` 8.130e+12 4.811e+13 1.690e-01 0.8658

`장애주된 원인\_47` -4.504e+15 6.714e+07 -6.708e+07 <2e-16 \*\*\*

`장애주된 원인\_48` -3.568e-01 1.125e+00 -3.170e-01 0.7510

`장애주된 원인\_49` 1.875e+13 7.377e+13 2.540e-01 0.7994

`장애주된 원인\_50` 2.220e+13 6.658e+13 3.330e-01 0.7388

`장애주된 원인\_51` -2.511e+01 2.313e+05 0.000e+00 0.9999

`장애주된 원인\_60` -2.344e+01 1.335e+05 0.000e+00 0.9999

`장애주된 원인\_61` -1.047e+00 1.269e+00 -8.250e-01 0.4095

`장애주된 원인\_62` -2.316e-01 1.108e+00 -2.090e-01 0.8344

`장애주된 원인\_63` 1.630e-01 1.129e+00 1.440e-01 0.8852

`장애주된 원인\_64` -1.796e-01 1.202e+00 -1.490e-01 0.8812

`장애주된 원인\_65` 1.179e+00 1.245e+00 9.470e-01 0.3437

`장애주된 원인\_66` -3.561e-01 1.408e+00 -2.530e-01 0.8004

`장애주된 원인\_67` 1.632e+00 1.581e+00 1.033e+00 0.3018

`장애주된 원인\_68` 4.414e-01 1.279e+00 3.450e-01 0.7300

`장애주된 원인\_69` 4.047e-01 1.077e+00 3.760e-01 0.7071

`장애주된 원인\_70` -2.369e+01 3.299e+05 0.000e+00 0.9999

`장애주된 원인\_71` -2.325e+01 1.898e+05 0.000e+00 0.9999

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_103 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_105 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_108 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_109 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_134 5.328e+14 1.899e+15 2.810e-01 0.7791

질병명...38\_137 5.328e+14 1.899e+15 2.810e-01 0.7791

질병명...38\_139 5.328e+14 1.899e+15 2.810e-01 0.7791

질병명...38\_156 -8.130e+12 4.811e+13 -1.690e-01 0.8658

질병명...38\_159 -8.130e+12 4.811e+13 -1.690e-01 0.8658

질병명...38\_166 NA NA NA NA

질병명...38\_171 6.100e-01 5.318e-01 1.147e+00 0.2513

질병명...38\_173 -2.456e-01 1.134e+00 -2.170e-01 0.8285

질병명...38\_174 -2.423e+01 1.082e+05 0.000e+00 0.9998

질병명...38\_175 1.524e-01 4.887e-01 3.120e-01 0.7552

질병명...38\_177 -3.141e+01 3.374e+04 -1.000e-03 0.9993

질병명...38\_178 -2.331e+01 2.082e+05 0.000e+00 0.9999

질병명...38\_179 -2.348e+01 2.101e+05 0.000e+00 0.9999

질병명...38\_180 NA NA NA NA

질병명...38\_181 -1.875e+13 7.377e+13 -2.540e-01 0.7994

질병명...38\_184 -1.875e+13 7.377e+13 -2.540e-01 0.7994

질병명...38\_186 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_188 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_190 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_191 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_192 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_201 -2.220e+13 6.658e+13 -3.330e-01 0.7388

질병명...38\_300 -2.220e+13 6.658e+13 -3.330e-01 0.7388

산업재해인정여부...39\_0 5.036e-01 2.769e-01 1.819e+00 0.0690 .

산업재해인정여부...39\_1 -1.151e-01 4.523e-01 -2.540e-01 0.7992

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -2.376e+01 1.664e+05 0.000e+00 0.9999

`주된 진단명...40\_2` -7.319e-01 1.110e+00 -6.590e-01 0.5097

`주된 진단명...40\_3` 5.297e-01 1.192e+00 4.440e-01 0.6568

`주된 진단명...40\_4` -5.086e-01 7.353e-01 -6.920e-01 0.4891

`주된 진단명...40\_5` 1.195e+00 2.049e+05 0.000e+00 1.0000

`주된 진단명...40\_6` -7.530e-01 5.540e-01 -1.359e+00 0.1741

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` -1.278e+00 5.350e-01 -2.388e+00 0.0169 \*

`주된 진단명...40\_9` -1.854e-02 1.157e+00 -1.600e-02 0.9872

`주된 진단명...40\_10` 4.037e-01 7.243e-01 5.570e-01 0.5773

`주된 진단명...40\_11` -6.668e-01 5.935e-01 -1.123e+00 0.2613

`주된 진단명...40\_12` -8.045e-01 4.652e-01 -1.729e+00 0.0837 .

`주된 진단명...40\_13` 1.041e+00 1.135e+00 9.160e-01 0.3594

`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: 1076.4 on 2620 degrees of freedom

AIC: 1208.4

**> 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

-8.4904 -0.3686 -0.2760 -0.2075 3.2615

Coefficients: (6 not defined because of singularities)

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

(Intercept) 1.125e+13 2.647e+13 4.250e-01 0.670692

`국가유공자, 차상위경감 대상여부\_0` -5.946e-01 3.490e-01 -1.704e+00 0.088378 .

`국가유공자, 차상위경감 대상여부\_1` -2.634e-01 4.900e-01 -5.370e-01 0.590961

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -4.504e+15 3.001e+07 -1.501e+08 < 2e-16 \*\*\*

`주관적 건강 평가\_2` -8.754e-01 6.089e-01 -1.438e+00 0.150532

`주관적 건강 평가\_3` -7.951e-01 2.668e-01 -2.980e+00 0.002885 \*\*

`주관적 건강 평가\_4` -1.993e-01 2.039e-01 -9.780e-01 0.328172

`주관적 건강 평가\_5` NA NA NA NA

`혈압약 복용 여부\_0` -1.487e+13 3.406e+13 -4.370e-01 0.662443

`혈압약 복용 여부\_1` -1.487e+13 3.406e+13 -4.370e-01 0.662443

`혈압약 복용 여부\_2` -4.518e+15 3.406e+13 -1.327e+02 < 2e-16 \*\*\*

`암 종류1\_0` 5.649e-01 1.235e+00 4.570e-01 0.647377

`암 종류1\_1` -4.145e+15 1.697e+07 -2.442e+08 < 2e-16 \*\*\*

`암 종류1\_2` 4.643e+00 2.562e+00 1.813e+00 0.069872 .

`암 종류1\_3` 9.456e-01 1.387e+00 6.820e-01 0.495311

`암 종류1\_4` -3.642e+04 1.861e+07 -2.000e-03 0.998439

`암 종류1\_5` -2.699e+15 3.508e+07 -7.693e+07 < 2e-16 \*\*\*

`암 종류1\_6` -1.592e+01 2.499e+03 -6.000e-03 0.994916

`암 종류1\_7` -2.083e+01 3.783e+04 -1.000e-03 0.999561

`암 종류1\_8` 8.335e+02 2.052e+01 4.061e+01 < 2e-16 \*\*\*

`암 종류1\_9` -2.351e+03 9.491e+07 0.000e+00 0.999980

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -2.379e+14 1.350e+15 -1.760e-01 0.860063

`암 종류2\_2` -2.379e+14 1.350e+15 -1.760e-01 0.860063

`암 종류2\_3` -2.379e+14 1.350e+15 -1.760e-01 0.860063

`암 종류2\_4` 3.616e+12 1.496e+13 2.420e-01 0.808940

`암 종류2\_6` 3.907e+15 1.350e+15 2.895e+00 0.003795 \*\*

`암 종류2\_8` -4.742e+15 1.350e+15 -3.513e+00 0.000443 \*\*\*

`암 종류2\_9` -2.379e+14 1.350e+15 -1.760e-01 0.860063

`암 종류2\_10` 1.550e+15 1.350e+15 1.149e+00 0.250674

`암 종류3\_0` 2.416e+14 1.352e+15 1.790e-01 0.858157

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` 4.386e+15 1.352e+15 3.245e+00 0.001173 \*\*

`EQ-5D (자기관리)\_0` -2.019e+01 3.054e+05 0.000e+00 0.999947

`EQ-5D (자기관리)\_1` 3.077e+00 8.687e-01 3.542e+00 0.000397 \*\*\*

`EQ-5D (자기관리)\_2` 3.937e+00 8.535e-01 4.613e+00 3.96e-06 \*\*\*

`EQ-5D (자기관리)\_3` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` -4.888e+00 9.367e-01 -5.218e+00 1.80e-07 \*\*\*

`IADL<U+2013>대중교통수단 이용\_2` -4.436e+00 9.331e-01 -4.754e+00 1.99e-06 \*\*\*

`IADL<U+2013>대중교통수단 이용\_3` -4.470e+00 8.990e-01 -4.972e+00 6.61e-07 \*\*\*

`IADL<U+2013>대중교통수단 이용\_4` 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: 1574.2 on 2650 degrees of freedom

AIC: 1646.2

**> 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

-1.0668 -0.3383 -0.3141 -0.2207 3.0290

Coefficients: (6 not defined because of singularities)

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

(Intercept) -2.657e+12 1.469e+13 -0.181 0.85652

`척추보조기-필요\_1` 8.145e-02 2.949e-01 0.276 0.78242

`척추보조기-필요\_2` NA NA NA NA

`상지보조기-필요\_1` 1.546e+00 5.777e-01 2.676 0.00744 \*\*

`상지보조기-필요\_2` NA NA NA NA

`지팡이-사용\_0` -1.274e-01 3.697e-01 -0.345 0.73033

`지팡이-사용\_1` 7.433e-01 3.683e-01 2.018 0.04357 \*

`지팡이-사용\_2` NA NA NA NA

`팔받침대-사용\_0` 3.128e+00 1.065e+01 0.294 0.76889

`팔받침대-사용\_1` -1.974e+00 2.460e+01 -0.080 0.93606

`팔받침대-사용\_2` NA NA NA NA

`기타-사용...461\_0` -8.998e+11 5.564e+12 -0.162 0.87154

`기타-사용...461\_1` -8.998e+11 5.564e+12 -0.162 0.87154

`기타-사용...461\_2` -4.504e+15 5.564e+12 -809.551 < 2e-16 \*\*\*

`보청기 - 사용\_0` 4.657e+12 1.783e+13 0.261 0.79393

`보청기 - 사용\_1` 4.657e+12 1.783e+13 0.261 0.79393

`보청기 - 사용\_2` -4.499e+15 1.783e+13 -252.361 < 2e-16 \*\*\*

`의사소통 보조기기-소지\_1` -7.816e+00 1.268e+02 -0.062 0.95086

`의사소통 보조기기-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` -1.100e+12 1.013e+13 -0.109 0.91348

`욕창방지용매트-사용\_1` -1.100e+12 1.013e+13 -0.109 0.91348

`욕창방지용매트-사용\_2` -1.100e+12 1.013e+13 -0.109 0.91348

`스마트폰 사용 여부\_1` -8.248e-01 2.061e-01 -4.001 6.3e-05 \*\*\*

`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: 1063.7 on 2668 degrees of freedom

AIC: 1099.7

**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

-4.2157 -0.3691 -0.2463 -0.1336 3.1112

Coefficients: (3 not defined because of singularities)

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

(Intercept) -9.215e+12 8.809e+13 -0.105 0.91669

생년 -3.217e+00 1.014e+00 -3.174 0.00151 \*\*

`가구 월평균 지출액` -3.796e+00 1.561e+00 -2.432 0.01500 \*

`월 혈압약 일수` 1.043e+00 2.272e-01 4.590 4.43e-06 \*\*\*

장애등급...20\_1 1.715e+00 7.141e-01 2.402 0.01631 \*

장애등급...20\_2 8.414e-01 4.573e-01 1.840 0.06579 .

장애등급...20\_3 5.569e-01 3.385e-01 1.645 0.09991 .

장애등급...20\_4 3.488e-01 3.100e-01 1.125 0.26059

장애등급...20\_5 3.222e-01 2.630e-01 1.225 0.22057

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 5.293e+13 9.033e+13 0.586 0.55794

`가구 유형<U+00A0>\_19` 5.293e+13 9.032e+13 0.586 0.55787

`가구 유형<U+00A0>\_21` 5.293e+13 9.032e+13 0.586 0.55787

`가구 유형<U+00A0>\_22` 5.293e+13 9.035e+13 0.586 0.55800

`가구 유형<U+00A0>\_23` 5.293e+13 9.032e+13 0.586 0.55786

`가구 유형<U+00A0>\_24` 5.293e+13 9.029e+13 0.586 0.55775

`가구 유형<U+00A0>\_25` 5.293e+13 9.022e+13 0.587 0.55746

`가구 유형<U+00A0>\_26` 5.293e+13 9.030e+13 0.586 0.55777

`가구 유형<U+00A0>\_27` -4.451e+15 9.028e+13 -49.300 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 5.293e+13 9.029e+13 0.586 0.55774

`가구 유형<U+00A0>\_29` 5.293e+13 9.034e+13 0.586 0.55798

`가구 유형<U+00A0>\_31` -4.451e+15 9.023e+13 -49.328 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 5.293e+13 9.029e+13 0.586 0.55772

`가구 유형<U+00A0>\_39` 5.293e+13 9.031e+13 0.586 0.55784

`가구 유형<U+00A0>\_40` 5.293e+13 9.023e+13 0.587 0.55746

`가구 유형<U+00A0>\_50` 5.293e+13 9.027e+13 0.586 0.55767

`장애부위(하지)...32\_0` 4.247e-01 5.333e-01 0.796 0.42585

`장애부위(하지)...32\_1` 5.962e-01 3.377e-01 1.765 0.07750 .

`장애부위(하지)...32\_2` 2.089e-01 3.649e-01 0.572 0.56700

`장애부위(하지)...32\_3` NA NA NA NA

`가장 불편한부위\_11` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_12` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_13` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_14` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_15` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_16` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_17` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_18` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_19` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_21` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_22` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_23` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_24` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_25` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_26` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_27` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_31` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_32` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_33` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_34` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_35` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_36` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_37` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_38` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_41` -4.547e+15 6.169e+13 -73.713 < 2e-16 \*\*\*

`가장 불편한부위\_42` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_43` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_44` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_45` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_46` -4.371e+13 6.169e+13 -0.709 0.47858

`가장 불편한부위\_47` -4.371e+13 6.169e+13 -0.709 0.47858

`장애주된 원인\_10` -2.402e+01 1.146e+05 0.000 0.99983

`장애주된 원인\_14` -1.303e-01 1.503e+00 -0.087 0.93088

`장애주된 원인\_15` -2.422e+01 1.859e+05 0.000 0.99990

`장애주된 원인\_17` -2.551e+01 1.085e+05 0.000 0.99981

`장애주된 원인\_31` -2.440e+01 3.709e+05 0.000 0.99995

`장애주된 원인\_40` -1.836e+00 1.458e+00 -1.259 0.20803

`장애주된 원인\_43` 1.337e+00 1.794e+00 0.745 0.45598

`장애주된 원인\_46` -2.090e+00 1.739e+00 -1.202 0.22927

`장애주된 원인\_47` -2.486e+01 3.369e+05 0.000 0.99994

`장애주된 원인\_48` -2.027e+00 1.022e+00 -1.983 0.04740 \*

`장애주된 원인\_49` -2.119e+00 1.537e+00 -1.378 0.16807

`장애주된 원인\_50` -2.089e+00 1.086e+00 -1.923 0.05450 .

`장애주된 원인\_51` -2.561e+01 2.608e+05 0.000 0.99992

`장애주된 원인\_60` -4.820e+05 2.741e+07 -0.018 0.98597

`장애주된 원인\_61` -2.702e+00 1.237e+00 -2.184 0.02893 \*

`장애주된 원인\_62` -1.905e+00 1.057e+00 -1.803 0.07143 .

`장애주된 원인\_63` -2.070e+00 1.095e+00 -1.890 0.05870 .

`장애주된 원인\_64` -1.486e+00 1.202e+00 -1.237 0.21620

`장애주된 원인\_65` 5.102e-01 1.298e+00 0.393 0.69424

`장애주된 원인\_66` -1.918e+00 1.468e+00 -1.307 0.19125

`장애주된 원인\_67` 2.171e+01 5.242e+04 0.000 0.99967

`장애주된 원인\_68` -7.452e-01 1.280e+00 -0.582 0.56050

`장애주된 원인\_69` -1.500e+00 1.010e+00 -1.485 0.13760

`장애주된 원인\_70` -2.519e+01 3.119e+05 0.000 0.99994

`장애주된 원인\_71` -2.442e+01 2.243e+05 0.000 0.99991

`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: 1139.98 on 2685 degrees of freedom

Residual deviance: 963.87 on 2602 degrees of freedom

AIC: 1131.9

**> 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

-1.9784 -0.3615 -0.2393 -0.1482 3.2246

Coefficients: (10 not defined because of singularities)

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

(Intercept) 4.208e+13 3.199e+14 1.320e-01 0.895332

`주된 진단명...40\_1` -1.221e+00 6.511e-01 -1.875e+00 0.060750 .

`주된 진단명...40\_2` -1.633e+00 1.159e+00 -1.409e+00 0.158939

`주된 진단명...40\_3` -3.246e-01 1.215e+00 -2.670e-01 0.789272

`주된 진단명...40\_4` -1.135e+00 7.890e-01 -1.438e+00 0.150471

`주된 진단명...40\_5` 1.749e-01 1.277e+00 1.370e-01 0.891032

`주된 진단명...40\_6` -1.139e+00 4.744e-01 -2.402e+00 0.016327 \*

`주된 진단명...40\_7` 2.340e-01 1.304e+00 1.790e-01 0.857589

`주된 진단명...40\_8` -1.314e+00 5.470e-01 -2.403e+00 0.016260 \*

`주된 진단명...40\_9` -6.996e-01 1.209e+00 -5.790e-01 0.562768

`주된 진단명...40\_10` -3.123e-02 7.368e-01 -4.200e-02 0.966191

`주된 진단명...40\_11` -1.188e+00 4.885e-01 -2.433e+00 0.014984 \*

`주된 진단명...40\_12` -1.105e+00 4.850e-01 -2.277e+00 0.022761 \*

`주된 진단명...40\_13` -5.197e-03 9.141e-01 -6.000e-03 0.995464

`주된 진단명...40\_14` NA NA NA NA

`주관적 건강 평가\_1` -3.448e+04 3.001e+07 -1.000e-03 0.999083

`주관적 건강 평가\_2` -7.909e-01 5.710e-01 -1.385e+00 0.165979

`주관적 건강 평가\_3` -4.492e-01 3.197e-01 -1.405e+00 0.160060

`주관적 건강 평가\_4` -8.725e-02 2.522e-01 -3.460e-01 0.729362

`주관적 건강 평가\_5` NA NA NA NA

`혈압약 복용 여부\_0` 3.005e+12 2.492e+13 1.210e-01 0.904038

`혈압약 복용 여부\_1` 3.005e+12 2.493e+13 1.210e-01 0.904053

`혈압약 복용 여부\_2` -4.501e+15 2.492e+13 -1.806e+02 < 2e-16 \*\*\*

`암 종류1\_0` 8.037e-01 1.143e+00 7.030e-01 0.482043

`암 종류1\_1` -4.504e+15 1.678e+07 -2.684e+08 < 2e-16 \*\*\*

`암 종류1\_2` 1.018e+00 1.619e+00 6.290e-01 0.529563

`암 종류1\_3` -4.504e+15 1.794e+07 -2.511e+08 < 2e-16 \*\*\*

`암 종류1\_4` -4.504e+15 1.861e+07 -2.420e+08 < 2e-16 \*\*\*

`암 종류1\_5` -4.504e+15 3.355e+07 -1.342e+08 < 2e-16 \*\*\*

`암 종류1\_6` -4.504e+15 2.122e+07 -2.122e+08 < 2e-16 \*\*\*

`암 종류1\_7` -2.353e+05 2.373e+07 -1.000e-02 0.992087

`암 종류1\_8` 2.851e+00 1.689e+00 1.688e+00 0.091386 .

`암 종류1\_9` 3.299e+03 9.491e+07 0.000e+00 0.999972

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -1.340e+01 1.873e+02 -7.200e-02 0.942958

`암 종류2\_2` -5.672e+05 6.947e+07 -8.000e-03 0.993485

`암 종류2\_3` -9.343e+04 6.711e+07 -1.000e-03 0.998889

`암 종류2\_4` -4.782e+15 9.574e+14 -4.994e+00 5.91e-07 \*\*\*

`암 종류2\_6` 1.764e+05 6.918e+07 3.000e-03 0.997965

`암 종류2\_8` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`암 종류2\_9` 6.796e+03 6.946e+07 0.000e+00 0.999922

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` -2.781e+14 9.575e+14 -2.900e-01 0.771444

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` -2.781e+14 9.574e+14 -2.900e-01 0.771437

`EQ-5D (자기관리)\_0` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`EQ-5D (자기관리)\_1` -1.837e+00 5.123e-01 -3.585e+00 0.000337 \*\*\*

`EQ-5D (자기관리)\_2` -9.148e-01 4.736e-01 -1.932e+00 0.053386 .

`EQ-5D (자기관리)\_3` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 2.935e-01 4.894e-01 6.000e-01 0.548692

`IADL<U+2013>대중교통수단 이용\_2` 4.915e-01 4.856e-01 1.012e+00 0.311488

`IADL<U+2013>대중교통수단 이용\_3` 2.795e-01 4.674e-01 5.980e-01 0.549769

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

`상지보조기-필요\_1` 1.207e+00 6.704e-01 1.800e+00 0.071856 .

`상지보조기-필요\_2` NA NA NA NA

`지팡이-사용\_0` 2.461e-01 4.055e-01 6.070e-01 0.543893

`지팡이-사용\_1` 7.369e-01 4.053e-01 1.818e+00 0.069029 .

`지팡이-사용\_2` NA NA NA NA

`기타-사용...461\_0` 1.797e+14 4.605e+14 3.900e-01 0.696343

`기타-사용...461\_1` 1.797e+14 4.605e+14 3.900e-01 0.696343

`기타-사용...461\_2` 1.797e+14 4.605e+14 3.900e-01 0.696343

`보청기 - 사용\_0` 5.334e+13 5.211e+14 1.020e-01 0.918470

`보청기 - 사용\_1` 5.334e+13 5.211e+14 1.020e-01 0.918470

`보청기 - 사용\_2` 5.334e+13 5.211e+14 1.020e-01 0.918470

`스마트폰 사용 여부\_1` -6.544e-01 2.229e-01 -2.935e+00 0.003331 \*\*

`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: 963.91 on 2630 degrees of freedom

AIC: 1075.9

**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: (11 not defined because of singularities)

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

(Intercept) -6.588e+14 7.423e+07 -8874484 <2e-16 \*\*\*

생년 -1.030e+15 1.346e+07 -76482926 <2e-16 \*\*\*

`가구 월평균 지출액` -1.484e+15 1.661e+07 -89356426 <2e-16 \*\*\*

`월 혈압약 일수` -1.388e+14 5.460e+07 -2541421 <2e-16 \*\*\*

장애등급...20\_1 3.816e+14 1.179e+07 32368401 <2e-16 \*\*\*

장애등급...20\_2 4.760e+14 7.396e+06 64360654 <2e-16 \*\*\*

장애등급...20\_3 1.186e+15 4.976e+06 238305511 <2e-16 \*\*\*

장애등급...20\_4 1.869e+14 4.161e+06 44925938 <2e-16 \*\*\*

장애등급...20\_5 3.430e+14 3.462e+06 99085681 <2e-16 \*\*\*

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 3.003e+15 4.990e+07 60182858 <2e-16 \*\*\*

`가구 유형<U+00A0>\_19` 5.005e+15 5.266e+07 95036555 <2e-16 \*\*\*

`가구 유형<U+00A0>\_21` 3.140e+15 5.006e+07 62719388 <2e-16 \*\*\*

`가구 유형<U+00A0>\_22` 4.475e+15 5.601e+07 79896721 <2e-16 \*\*\*

`가구 유형<U+00A0>\_23` 2.078e+15 5.117e+07 40613876 <2e-16 \*\*\*

`가구 유형<U+00A0>\_24` 4.564e+15 5.024e+07 90851612 <2e-16 \*\*\*

`가구 유형<U+00A0>\_25` 2.984e+15 6.040e+07 49405349 <2e-16 \*\*\*

`가구 유형<U+00A0>\_26` 2.530e+15 5.110e+07 49523878 <2e-16 \*\*\*

`가구 유형<U+00A0>\_27` 1.994e+15 8.519e+07 23403866 <2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 3.409e+15 5.193e+07 65638651 <2e-16 \*\*\*

`가구 유형<U+00A0>\_29` 2.857e+15 5.073e+07 56328702 <2e-16 \*\*\*

`가구 유형<U+00A0>\_31` 2.216e+15 5.135e+07 43152184 <2e-16 \*\*\*

`가구 유형<U+00A0>\_32` 2.881e+15 5.032e+07 57246415 <2e-16 \*\*\*

`가구 유형<U+00A0>\_39` 4.142e+15 5.045e+07 82098427 <2e-16 \*\*\*

`가구 유형<U+00A0>\_40` 3.021e+15 4.996e+07 60474520 <2e-16 \*\*\*

`가구 유형<U+00A0>\_50` NA NA NA NA

`가장 불편한부위\_11` 1.831e+14 4.203e+07 4355862 <2e-16 \*\*\*

`가장 불편한부위\_12` -2.329e+14 3.720e+07 -6261338 <2e-16 \*\*\*

`가장 불편한부위\_13` -1.708e+14 3.614e+07 -4724723 <2e-16 \*\*\*

`가장 불편한부위\_14` 1.093e+15 3.301e+07 33121640 <2e-16 \*\*\*

`가장 불편한부위\_15` 2.783e+15 5.803e+07 47961373 <2e-16 \*\*\*

`가장 불편한부위\_16` -4.186e+14 3.718e+07 -11258164 <2e-16 \*\*\*

`가장 불편한부위\_17` 2.823e+15 3.447e+07 81886561 <2e-16 \*\*\*

`가장 불편한부위\_18` 1.239e+15 3.752e+07 33013703 <2e-16 \*\*\*

`가장 불편한부위\_19` 2.757e+15 3.985e+07 69179081 <2e-16 \*\*\*

`가장 불편한부위\_21` 2.236e+15 3.080e+07 72593947 <2e-16 \*\*\*

`가장 불편한부위\_22` 3.507e+15 3.953e+07 88718572 <2e-16 \*\*\*

`가장 불편한부위\_23` 1.525e+15 3.028e+07 50372988 <2e-16 \*\*\*

`가장 불편한부위\_24` 6.741e+14 3.056e+07 22058552 <2e-16 \*\*\*

`가장 불편한부위\_25` 3.830e+15 3.262e+07 117428018 <2e-16 \*\*\*

`가장 불편한부위\_26` 3.073e+14 3.392e+07 9061937 <2e-16 \*\*\*

`가장 불편한부위\_27` -1.119e+15 5.194e+07 -21543048 <2e-16 \*\*\*

`가장 불편한부위\_31` 2.331e+15 3.081e+07 75650400 <2e-16 \*\*\*

`가장 불편한부위\_32` 2.775e+15 3.127e+07 88748252 <2e-16 \*\*\*

`가장 불편한부위\_33` 7.690e+14 3.198e+07 24048677 <2e-16 \*\*\*

`가장 불편한부위\_34` 2.004e+15 3.113e+07 64370636 <2e-16 \*\*\*

`가장 불편한부위\_35` 2.166e+15 2.970e+07 72937519 <2e-16 \*\*\*

`가장 불편한부위\_36` 2.308e+15 2.953e+07 78143974 <2e-16 \*\*\*

`가장 불편한부위\_37` 1.864e+15 3.018e+07 61773663 <2e-16 \*\*\*

`가장 불편한부위\_38` 2.944e+15 2.958e+07 99500051 <2e-16 \*\*\*

`가장 불편한부위\_41` 7.972e+14 3.425e+07 23271624 <2e-16 \*\*\*

`가장 불편한부위\_42` 2.818e+15 3.274e+07 86082550 <2e-16 \*\*\*

`가장 불편한부위\_43` 3.416e+15 3.184e+07 107308533 <2e-16 \*\*\*

`가장 불편한부위\_44` 5.111e+14 3.262e+07 15668775 <2e-16 \*\*\*

`가장 불편한부위\_45` 8.894e+14 3.158e+07 28168348 <2e-16 \*\*\*

`가장 불편한부위\_46` 3.177e+15 4.065e+07 78164616 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

`장애주된 원인\_10` -2.473e+15 3.429e+07 -72116913 <2e-16 \*\*\*

`장애주된 원인\_14` -6.126e+13 2.759e+07 -2220330 <2e-16 \*\*\*

`장애주된 원인\_15` -7.659e+14 5.329e+07 -14372711 <2e-16 \*\*\*

`장애주된 원인\_17` -4.618e+14 3.103e+07 -14883861 <2e-16 \*\*\*

`장애주된 원인\_31` -2.443e+15 7.185e+07 -34004859 <2e-16 \*\*\*

`장애주된 원인\_40` -9.609e+14 2.788e+07 -34464334 <2e-16 \*\*\*

`장애주된 원인\_43` -9.359e+14 4.145e+07 -22577552 <2e-16 \*\*\*

`장애주된 원인\_46` -2.441e+15 2.975e+07 -82055985 <2e-16 \*\*\*

`장애주된 원인\_47` 2.488e+15 7.142e+07 34831343 <2e-16 \*\*\*

`장애주된 원인\_48` -1.531e+15 2.258e+07 -67817112 <2e-16 \*\*\*

`장애주된 원인\_49` -2.781e+15 3.285e+07 -84664823 <2e-16 \*\*\*

`장애주된 원인\_50` -2.122e+15 2.490e+07 -85220789 <2e-16 \*\*\*

`장애주된 원인\_51` -2.913e+15 5.286e+07 -55116745 <2e-16 \*\*\*

`장애주된 원인\_60` -2.127e+15 3.555e+07 -59840336 <2e-16 \*\*\*

`장애주된 원인\_61` -2.054e+15 2.349e+07 -87435576 <2e-16 \*\*\*

`장애주된 원인\_62` -1.531e+15 2.309e+07 -66299100 <2e-16 \*\*\*

`장애주된 원인\_63` -1.467e+15 2.352e+07 -62367876 <2e-16 \*\*\*

`장애주된 원인\_64` -9.299e+14 2.424e+07 -38359316 <2e-16 \*\*\*

`장애주된 원인\_65` 5.065e+14 2.930e+07 17284044 <2e-16 \*\*\*

`장애주된 원인\_66` -1.460e+15 2.849e+07 -51225413 <2e-16 \*\*\*

`장애주된 원인\_67` 4.191e+14 4.125e+07 10160289 <2e-16 \*\*\*

`장애주된 원인\_68` -2.711e+14 2.660e+07 -10190582 <2e-16 \*\*\*

`장애주된 원인\_69` -1.427e+15 2.279e+07 -62618521 <2e-16 \*\*\*

`장애주된 원인\_70` -2.907e+15 7.093e+07 -40979416 <2e-16 \*\*\*

`장애주된 원인\_71` -1.729e+14 4.523e+07 -3823252 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

`주된 진단명...40\_1` -4.730e+14 1.766e+07 -26787583 <2e-16 \*\*\*

`주된 진단명...40\_2` -6.887e+14 1.972e+07 -34919092 <2e-16 \*\*\*

`주된 진단명...40\_3` -4.316e+14 3.151e+07 -13698611 <2e-16 \*\*\*

`주된 진단명...40\_4` -1.424e+15 1.462e+07 -97393344 <2e-16 \*\*\*

`주된 진단명...40\_5` 1.013e+15 3.463e+07 29260864 <2e-16 \*\*\*

`주된 진단명...40\_6` -1.362e+15 1.060e+07 -128559675 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` -7.676e+14 1.711e+07 -44863488 <2e-16 \*\*\*

`주된 진단명...40\_9` -3.206e+14 2.001e+07 -16022640 <2e-16 \*\*\*

`주된 진단명...40\_10` 4.116e+14 1.522e+07 27038569 <2e-16 \*\*\*

`주된 진단명...40\_11` -1.536e+15 1.173e+07 -130982415 <2e-16 \*\*\*

`주된 진단명...40\_12` -1.281e+15 9.897e+06 -129418529 <2e-16 \*\*\*

`주된 진단명...40\_13` -3.382e+14 2.415e+07 -14006657 <2e-16 \*\*\*

`주된 진단명...40\_14` NA NA NA NA

`혈압약 복용 여부\_0` -2.135e+15 1.294e+07 -164983998 <2e-16 \*\*\*

`혈압약 복용 여부\_1` -1.207e+15 5.594e+07 -21575004 <2e-16 \*\*\*

`혈압약 복용 여부\_2` NA NA NA NA

`암 종류1\_0` 3.201e+14 1.291e+07 24789477 <2e-16 \*\*\*

`암 종류1\_1` -1.629e+14 2.123e+07 -7673573 <2e-16 \*\*\*

`암 종류1\_2` 1.289e+15 2.188e+07 58906952 <2e-16 \*\*\*

`암 종류1\_3` -9.982e+14 2.202e+07 -45325136 <2e-16 \*\*\*

`암 종류1\_4` 9.039e+14 2.249e+07 40184052 <2e-16 \*\*\*

`암 종류1\_5` 1.061e+15 3.761e+07 28222581 <2e-16 \*\*\*

`암 종류1\_6` -5.908e+14 2.501e+07 -23624269 <2e-16 \*\*\*

`암 종류1\_7` -8.671e+14 2.727e+07 -31795137 <2e-16 \*\*\*

`암 종류1\_8` 2.188e+15 3.159e+07 69279386 <2e-16 \*\*\*

`암 종류1\_9` -2.862e+15 9.745e+07 -29371466 <2e-16 \*\*\*

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -9.511e+14 4.216e+07 -22560922 <2e-16 \*\*\*

`암 종류2\_2` -4.455e+14 6.406e+07 -6953685 <2e-16 \*\*\*

`암 종류2\_3` -1.873e+15 8.022e+07 -23343466 <2e-16 \*\*\*

`암 종류2\_4` -3.626e+15 8.021e+07 -45200800 <2e-16 \*\*\*

`암 종류2\_6` 1.507e+15 8.007e+07 18820971 <2e-16 \*\*\*

`암 종류2\_8` 8.046e+14 7.992e+07 10068742 <2e-16 \*\*\*

`암 종류2\_9` 3.542e+15 8.130e+07 43572685 <2e-16 \*\*\*

`암 종류2\_10` NA NA NA NA

`EQ-5D (자기관리)\_0` -4.472e+15 8.259e+07 -54140470 <2e-16 \*\*\*

`EQ-5D (자기관리)\_1` -2.520e+15 8.131e+06 -309923893 <2e-16 \*\*\*

`EQ-5D (자기관리)\_2` -1.450e+15 8.280e+06 -175068734 <2e-16 \*\*\*

`EQ-5D (자기관리)\_3` NA NA NA NA

`스마트폰 사용 여부\_1` -3.291e+14 3.400e+06 -96796601 <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: 10597 on 2572 degrees of freedom

AIC: 10825

**> 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

-1.9784 -0.3615 -0.2393 -0.1482 3.2246

Coefficients: (10 not defined because of singularities)

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

(Intercept) 4.208e+13 3.199e+14 1.320e-01 0.895332

`주된 진단명...40\_1` -1.221e+00 6.511e-01 -1.875e+00 0.060750 .

`주된 진단명...40\_2` -1.633e+00 1.159e+00 -1.409e+00 0.158939

`주된 진단명...40\_3` -3.246e-01 1.215e+00 -2.670e-01 0.789272

`주된 진단명...40\_4` -1.135e+00 7.890e-01 -1.438e+00 0.150471

`주된 진단명...40\_5` 1.749e-01 1.277e+00 1.370e-01 0.891032

`주된 진단명...40\_6` -1.139e+00 4.744e-01 -2.402e+00 0.016327 \*

`주된 진단명...40\_7` 2.340e-01 1.304e+00 1.790e-01 0.857589

`주된 진단명...40\_8` -1.314e+00 5.470e-01 -2.403e+00 0.016260 \*

`주된 진단명...40\_9` -6.996e-01 1.209e+00 -5.790e-01 0.562768

`주된 진단명...40\_10` -3.123e-02 7.368e-01 -4.200e-02 0.966191

`주된 진단명...40\_11` -1.188e+00 4.885e-01 -2.433e+00 0.014984 \*

`주된 진단명...40\_12` -1.105e+00 4.850e-01 -2.277e+00 0.022761 \*

`주된 진단명...40\_13` -5.197e-03 9.141e-01 -6.000e-03 0.995464

`주된 진단명...40\_14` NA NA NA NA

`주관적 건강 평가\_1` -3.448e+04 3.001e+07 -1.000e-03 0.999083

`주관적 건강 평가\_2` -7.909e-01 5.710e-01 -1.385e+00 0.165979

`주관적 건강 평가\_3` -4.492e-01 3.197e-01 -1.405e+00 0.160060

`주관적 건강 평가\_4` -8.725e-02 2.522e-01 -3.460e-01 0.729362

`주관적 건강 평가\_5` NA NA NA NA

`혈압약 복용 여부\_0` 3.005e+12 2.492e+13 1.210e-01 0.904038

`혈압약 복용 여부\_1` 3.005e+12 2.493e+13 1.210e-01 0.904053

`혈압약 복용 여부\_2` -4.501e+15 2.492e+13 -1.806e+02 < 2e-16 \*\*\*

`암 종류1\_0` 8.037e-01 1.143e+00 7.030e-01 0.482043

`암 종류1\_1` -4.504e+15 1.678e+07 -2.684e+08 < 2e-16 \*\*\*

`암 종류1\_2` 1.018e+00 1.619e+00 6.290e-01 0.529563

`암 종류1\_3` -4.504e+15 1.794e+07 -2.511e+08 < 2e-16 \*\*\*

`암 종류1\_4` -4.504e+15 1.861e+07 -2.420e+08 < 2e-16 \*\*\*

`암 종류1\_5` -4.504e+15 3.355e+07 -1.342e+08 < 2e-16 \*\*\*

`암 종류1\_6` -4.504e+15 2.122e+07 -2.122e+08 < 2e-16 \*\*\*

`암 종류1\_7` -2.353e+05 2.373e+07 -1.000e-02 0.992087

`암 종류1\_8` 2.851e+00 1.689e+00 1.688e+00 0.091386 .

`암 종류1\_9` 3.299e+03 9.491e+07 0.000e+00 0.999972

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` -1.340e+01 1.873e+02 -7.200e-02 0.942958

`암 종류2\_2` -5.672e+05 6.947e+07 -8.000e-03 0.993485

`암 종류2\_3` -9.343e+04 6.711e+07 -1.000e-03 0.998889

`암 종류2\_4` -4.782e+15 9.574e+14 -4.994e+00 5.91e-07 \*\*\*

`암 종류2\_6` 1.764e+05 6.918e+07 3.000e-03 0.997965

`암 종류2\_8` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`암 종류2\_9` 6.796e+03 6.946e+07 0.000e+00 0.999922

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` -2.781e+14 9.575e+14 -2.900e-01 0.771444

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` -2.781e+14 9.574e+14 -2.900e-01 0.771437

`EQ-5D (자기관리)\_0` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`EQ-5D (자기관리)\_1` -1.837e+00 5.123e-01 -3.585e+00 0.000337 \*\*\*

`EQ-5D (자기관리)\_2` -9.148e-01 4.736e-01 -1.932e+00 0.053386 .

`EQ-5D (자기관리)\_3` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 2.935e-01 4.894e-01 6.000e-01 0.548692

`IADL<U+2013>대중교통수단 이용\_2` 4.915e-01 4.856e-01 1.012e+00 0.311488

`IADL<U+2013>대중교통수단 이용\_3` 2.795e-01 4.674e-01 5.980e-01 0.549769

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

`상지보조기-필요\_1` 1.207e+00 6.704e-01 1.800e+00 0.071856 .

`상지보조기-필요\_2` NA NA NA NA

`지팡이-사용\_0` 2.461e-01 4.055e-01 6.070e-01 0.543893

`지팡이-사용\_1` 7.369e-01 4.053e-01 1.818e+00 0.069029 .

`지팡이-사용\_2` NA NA NA NA

`기타-사용...461\_0` 1.797e+14 4.605e+14 3.900e-01 0.696343

`기타-사용...461\_1` 1.797e+14 4.605e+14 3.900e-01 0.696343

`기타-사용...461\_2` 1.797e+14 4.605e+14 3.900e-01 0.696343

`보청기 - 사용\_0` 5.334e+13 5.211e+14 1.020e-01 0.918470

`보청기 - 사용\_1` 5.334e+13 5.211e+14 1.020e-01 0.918470

`보청기 - 사용\_2` 5.334e+13 5.211e+14 1.020e-01 0.918470

`스마트폰 사용 여부\_1` -6.544e-01 2.229e-01 -2.935e+00 0.003331 \*\*

`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: 963.91 on 2630 degrees of freedom

AIC: 1075.9