**1차 시행**

**> summary(glm(a1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=a1))**

Call:glm(formula = a1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = a1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.3905 -0.8184 -0.6750 1.2589 2.1827

Coefficients: (4 not defined because of singularities)

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

(Intercept) -2.180e+13 4.156e+13 -0.524 0.599964

생년 -2.065e+00 6.038e-01 -3.420 0.000627 \*\*\*

`장애등록 연도` 3.065e+01 1.720e+01 1.782 0.074778 .

`본인을 포함한 총 가구원수` 9.106e-01 9.404e-01 0.968 0.332889

`본인을 포함한 총 장애인수` 1.586e-01 3.704e-01 0.428 0.668504

`월 평균 총가구소득` -2.435e-01 1.501e+00 -0.162 0.871088

`가구 주된 수입원` 1.034e-01 1.548e-01 0.668 0.504241

`가구 월평균 지출액` 3.885e-01 9.265e-01 0.419 0.674987

`장애발생시 연령...36` -1.351e-01 2.945e-01 -0.459 0.646393

`월 혈압약 일수` 4.751e-01 9.727e-02 4.884 1.04e-06 \*\*\*

`관절통증 정도` -2.501e-01 1.500e-01 -1.668 0.095337 .

`운동 시간(분)` 2.504e-01 4.591e-01 0.545 0.585520

`키(센티)` -1.791e+00 4.795e-01 -3.735 0.000187 \*\*\*

`몸무게(kg)` 2.119e+01 5.166e+00 4.102 4.10e-05 \*\*\*

성별\_1 1.765e-01 1.072e-01 1.646 0.099823 .

성별\_2 NA NA NA NA

`장애등록 여부\_1` -3.046e+01 1.713e+01 -1.779 0.075309 .

`장애등록 여부\_2` NA NA NA NA

장애등급...20\_0 NA NA NA NA

장애등급...20\_1 3.748e-01 3.364e-01 1.114 0.265263

장애등급...20\_2 8.876e-02 2.315e-01 0.383 0.701453

장애등급...20\_3 2.182e-01 1.605e-01 1.360 0.173862

장애등급...20\_4 1.424e-01 1.356e-01 1.050 0.293528

장애등급...20\_5 6.744e-02 1.190e-01 0.567 0.570784

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_19` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_21` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_22` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_23` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_24` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_25` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_26` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_27` 4.525e+15 4.156e+13 108.894 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_29` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_31` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_32` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_39` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_40` 2.180e+13 4.156e+13 0.524 0.599964

`가구 유형<U+00A0>\_50` 2.180e+13 4.156e+13 0.524 0.599964

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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: 3111.0 on 2723 degrees of freedom

Residual deviance: 3002.3 on 2687 degrees of freedom

AIC: 3076.3

Number of Fisher Scoring iterations: 25

**> summary(glm(b1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=b1))**

Call:glm(formula = b1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = b1)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.49 -8.49 0.00 0.00 8.49

Coefficients: (16 not defined because of singularities)

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

(Intercept) -4.418e+15 2.986e+07 -147965464 <2e-16 \*\*\*

`장애부위(상지)...31\_0` -2.745e+14 1.100e+07 -24952913 <2e-16 \*\*\*

`장애부위(상지)...31\_1` 7.549e+14 1.001e+07 75414419 <2e-16 \*\*\*

`장애부위(상지)...31\_2` 1.995e+14 1.034e+07 19290318 <2e-16 \*\*\*

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` 9.724e+14 7.192e+06 135202095 <2e-16 \*\*\*

`장애부위(하지)...32\_1` 1.468e+15 5.092e+06 288238736 <2e-16 \*\*\*

`장애부위(하지)...32\_2` 1.565e+15 5.210e+06 300408463 <2e-16 \*\*\*

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` -1.480e+15 6.488e+06 -228039657 <2e-16 \*\*\*

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` 5.528e+15 4.325e+07 127827668 <2e-16 \*\*\*

`가장 불편한부위\_12` 3.602e+15 3.840e+07 93798429 <2e-16 \*\*\*

`가장 불편한부위\_13` 5.766e+15 3.720e+07 154995089 <2e-16 \*\*\*

`가장 불편한부위\_14` 3.668e+15 3.461e+07 105993740 <2e-16 \*\*\*

`가장 불편한부위\_15` 6.122e+15 5.837e+07 104885124 <2e-16 \*\*\*

`가장 불편한부위\_16` 4.858e+15 3.754e+07 129408606 <2e-16 \*\*\*

`가장 불편한부위\_17` 5.092e+15 3.566e+07 142803318 <2e-16 \*\*\*

`가장 불편한부위\_18` 6.229e+15 3.804e+07 163743852 <2e-16 \*\*\*

`가장 불편한부위\_19` 8.262e+15 4.063e+07 203359032 <2e-16 \*\*\*

`가장 불편한부위\_21` 3.470e+15 3.280e+07 105790936 <2e-16 \*\*\*

`가장 불편한부위\_22` 4.101e+15 4.068e+07 100788285 <2e-16 \*\*\*

`가장 불편한부위\_23` 4.086e+15 3.162e+07 129213658 <2e-16 \*\*\*

`가장 불편한부위\_24` 5.349e+15 3.165e+07 168974538 <2e-16 \*\*\*

`가장 불편한부위\_25` 3.222e+15 3.438e+07 93711313 <2e-16 \*\*\*

`가장 불편한부위\_26` 4.666e+15 3.534e+07 132037084 <2e-16 \*\*\*

`가장 불편한부위\_27` 4.263e+15 5.234e+07 81435734 <2e-16 \*\*\*

`가장 불편한부위\_31` 4.915e+15 3.263e+07 150599626 <2e-16 \*\*\*

`가장 불편한부위\_32` 4.972e+15 3.327e+07 149471650 <2e-16 \*\*\*

`가장 불편한부위\_33` 4.251e+15 3.391e+07 125375290 <2e-16 \*\*\*

`가장 불편한부위\_34` 4.104e+15 3.305e+07 124194811 <2e-16 \*\*\*

`가장 불편한부위\_35` 4.372e+15 3.100e+07 141034517 <2e-16 \*\*\*

`가장 불편한부위\_36` 4.391e+15 3.098e+07 141728557 <2e-16 \*\*\*

`가장 불편한부위\_37` 3.616e+15 3.156e+07 114560969 <2e-16 \*\*\*

`가장 불편한부위\_38` 4.364e+15 3.070e+07 142164548 <2e-16 \*\*\*

`가장 불편한부위\_41` 7.452e+14 3.534e+07 21089280 <2e-16 \*\*\*

`가장 불편한부위\_42` 2.049e+15 3.452e+07 59335134 <2e-16 \*\*\*

`가장 불편한부위\_43` 5.002e+15 3.321e+07 150623490 <2e-16 \*\*\*

`가장 불편한부위\_44` 4.102e+15 3.433e+07 119490752 <2e-16 \*\*\*

`가장 불편한부위\_45` 3.898e+15 3.310e+07 117779339 <2e-16 \*\*\*

`가장 불편한부위\_46` 3.580e+15 4.156e+07 86152644 <2e-16 \*\*\*

`가장 불편한부위\_47` NA NA NA NA

장애발생시기...35\_1 -1.268e+14 2.568e+07 -4937818 <2e-16 \*\*\*

장애발생시기...35\_2 8.133e+13 1.276e+07 6372806 <2e-16 \*\*\*

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -4.799e+15 3.277e+07 -146465624 <2e-16 \*\*\*

`장애주된 원인\_14` -5.827e+14 3.137e+07 -18574913 <2e-16 \*\*\*

`장애주된 원인\_15` -1.862e+15 5.658e+07 -32918643 <2e-16 \*\*\*

`장애주된 원인\_17` -3.467e+13 3.077e+07 -1126580 <2e-16 \*\*\*

`장애주된 원인\_31` -6.001e+15 7.666e+07 -78282324 <2e-16 \*\*\*

`장애주된 원인\_40` -5.275e+15 1.047e+08 -50387308 <2e-16 \*\*\*

`장애주된 원인\_43` -5.118e+15 7.402e+07 -69144496 <2e-16 \*\*\*

`장애주된 원인\_46` 1.670e+15 4.090e+07 40833855 <2e-16 \*\*\*

`장애주된 원인\_47` -4.185e+15 7.116e+07 -58816501 <2e-16 \*\*\*

`장애주된 원인\_48` -1.366e+15 2.316e+07 -58971950 <2e-16 \*\*\*

`장애주된 원인\_49` -9.404e+14 3.872e+07 -24291355 <2e-16 \*\*\*

`장애주된 원인\_50` -1.224e+15 7.236e+07 -16917202 <2e-16 \*\*\*

`장애주된 원인\_51` 4.262e+15 5.220e+07 81636714 <2e-16 \*\*\*

`장애주된 원인\_60` -3.036e+15 3.565e+07 -85145883 <2e-16 \*\*\*

`장애주된 원인\_61` -2.626e+15 2.344e+07 -112003171 <2e-16 \*\*\*

`장애주된 원인\_62` -2.190e+15 2.319e+07 -94434563 <2e-16 \*\*\*

`장애주된 원인\_63` -1.460e+15 2.362e+07 -61826764 <2e-16 \*\*\*

`장애주된 원인\_64` -1.120e+15 2.435e+07 -45987873 <2e-16 \*\*\*

`장애주된 원인\_65` -2.080e+15 2.938e+07 -70797231 <2e-16 \*\*\*

`장애주된 원인\_66` -1.145e+15 2.855e+07 -40110753 <2e-16 \*\*\*

`장애주된 원인\_67` -1.394e+15 4.129e+07 -33767156 <2e-16 \*\*\*

`장애주된 원인\_68` -1.510e+15 2.619e+07 -57653073 <2e-16 \*\*\*

`장애주된 원인\_69` -2.140e+15 2.296e+07 -93169234 <2e-16 \*\*\*

`장애주된 원인\_70` -1.578e+15 7.099e+07 -22230653 <2e-16 \*\*\*

`장애주된 원인\_71` 3.011e+14 4.518e+07 6665830 <2e-16 \*\*\*

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 3.825e+15 1.055e+08 36244325 <2e-16 \*\*\*

질병명...38\_103 3.410e+15 1.061e+08 32147808 <2e-16 \*\*\*

질병명...38\_105 8.130e+15 1.210e+08 67171203 <2e-16 \*\*\*

질병명...38\_108 2.857e+14 1.240e+08 2303659 <2e-16 \*\*\*

질병명...38\_109 3.120e+15 1.038e+08 30052284 <2e-16 \*\*\*

질병명...38\_134 -1.398e+15 9.964e+07 -14031628 <2e-16 \*\*\*

질병명...38\_137 8.011e+15 8.617e+07 92976591 <2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 1.131e+15 4.203e+07 26897154 <2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 4.517e+14 8.211e+06 55008863 <2e-16 \*\*\*

질병명...38\_173 1.239e+15 1.409e+07 87961528 <2e-16 \*\*\*

질병명...38\_174 3.900e+14 2.117e+07 18423790 <2e-16 \*\*\*

질병명...38\_175 5.128e+14 6.734e+06 76142413 <2e-16 \*\*\*

질병명...38\_177 -6.387e+14 1.490e+07 -42857649 <2e-16 \*\*\*

질병명...38\_178 -2.152e+14 3.947e+07 -5452436 <2e-16 \*\*\*

질병명...38\_179 -4.898e+14 4.061e+07 -12059909 <2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 -4.663e+14 4.265e+07 -10933569 <2e-16 \*\*\*

질병명...38\_184 NA NA NA NA

질병명...38\_186 1.003e+15 9.636e+07 10411709 <2e-16 \*\*\*

질병명...38\_188 -1.096e+15 7.232e+07 -15157200 <2e-16 \*\*\*

질병명...38\_190 3.093e+15 7.632e+07 40524149 <2e-16 \*\*\*

질병명...38\_191 -1.310e+15 8.804e+07 -14885991 <2e-16 \*\*\*

질병명...38\_192 -6.971e+14 7.529e+07 -9258901 <2e-16 \*\*\*

질병명...38\_201 3.445e+14 7.268e+07 4740489 <2e-16 \*\*\*

질병명...38\_300 NA NA NA NA

산업재해인정여부...39\_0 3.482e+14 3.706e+06 93957988 <2e-16 \*\*\*

산업재해인정여부...39\_1 1.053e+15 6.042e+06 174330084 <2e-16 \*\*\*

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -1.354e+15 3.412e+07 -39688197 <2e-16 \*\*\*

`주된 진단명...40\_2` 6.102e+14 1.986e+07 30718720 <2e-16 \*\*\*

`주된 진단명...40\_3` 2.163e+15 3.023e+07 71537165 <2e-16 \*\*\*

`주된 진단명...40\_4` 1.157e+15 1.436e+07 80547197 <2e-16 \*\*\*

`주된 진단명...40\_5` -6.528e+14 5.528e+07 -11809015 <2e-16 \*\*\*

`주된 진단명...40\_6` 2.046e+14 1.076e+07 19015150 <2e-16 \*\*\*

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 3.906e+14 1.673e+07 23347807 <2e-16 \*\*\*

`주된 진단명...40\_9` 7.871e+14 2.222e+07 35417220 <2e-16 \*\*\*

`주된 진단명...40\_10` 1.369e+15 1.532e+07 89336947 <2e-16 \*\*\*

`주된 진단명...40\_11` 5.853e+14 1.204e+07 48623939 <2e-16 \*\*\*

`주된 진단명...40\_12` 4.733e+14 9.765e+06 48465928 <2e-16 \*\*\*

`주된 진단명...40\_13` -9.927e+14 2.299e+07 -43185530 <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: 3111 on 2723 degrees of freedom

Residual deviance: 83982 on 2623 degrees of freedom

AIC: 84184

Number of Fisher Scoring iterations: 25

**> summary(glm(c1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=c1))**

Call:glm(formula = c1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = c1)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.4904 -0.8328 -0.7210 1.3418 2.7856

Coefficients: (16 not defined because of singularities)

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

(Intercept) -1.453e+12 8.871e+12 -1.640e-01 0.86986

`건강보험가입여부 및 형태\_1` 3.595e+13 4.425e+13 8.130e-01 0.41644

`건강보험가입여부 및 형태\_2` 3.595e+13 4.425e+13 8.130e-01 0.41644

`건강보험가입여부 및 형태\_3` 3.595e+13 4.425e+13 8.130e-01 0.41644

`건강보험가입여부 및 형태\_4` 3.595e+13 4.425e+13 8.130e-01 0.41644

`건강보험가입여부 및 형태\_5` -4.468e+15 4.425e+13 -1.010e+02 < 2e-16 \*\*\*

`국가유공자, 차상위경감 대상여부\_0` -3.203e-02 2.603e-01 -1.230e-01 0.90207

`국가유공자, 차상위경감 대상여부\_1` 5.008e-01 3.553e-01 1.409e+00 0.15874

`국가유공자, 차상위경감 대상여부\_2` NA NA NA NA

`현재 지속적 진료여부\_1` 2.409e+00 5.057e-01 4.764e+00 1.9e-06 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` -2.923e-01 1.147e+00 -2.550e-01 0.79892

`주관적 건강 평가\_2` -4.240e-01 2.155e-01 -1.967e+00 0.04913 \*

`주관적 건강 평가\_3` -4.686e-01 1.572e-01 -2.981e+00 0.00287 \*\*

`주관적 건강 평가\_4` -1.379e-01 1.371e-01 -1.006e+00 0.31445

`주관적 건강 평가\_5` NA NA NA NA

`건강검진 여부\_1` 9.773e-02 1.479e-01 6.610e-01 0.50863

`건강검진 여부\_2` NA NA NA NA

`암검진 여부\_1` -3.441e-02 1.192e-01 -2.890e-01 0.77292

`암검진 여부\_2` NA NA NA NA

`구강건강 검진 여부\_1` -6.776e-02 9.911e-02 -6.840e-01 0.49416

`구강건강 검진 여부\_2` NA NA NA NA

`인플루엔자 예방접종여부\_1` 1.023e-01 1.135e-01 9.010e-01 0.36746

`인플루엔자 예방접종여부\_2` NA NA NA NA

`입원치료 여부\_1` 1.977e-01 1.089e-01 1.815e+00 0.06955 .

`입원치료 여부\_2` NA NA NA NA

`외래진료 여부(치과,보건소,한의원\\r\\n등 포함)\_1` 7.593e-02 1.033e-01 7.350e-01 0.46241

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

`병의원이나 응급실 이용 사고나\\r\\n중독 발생 여부\_1` -4.393e-01 5.115e-01 -8.590e-01 0.39038

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

사고발생내용1\_0 NA NA NA NA

사고발생내용1\_1 -1.885e-01 6.803e-01 -2.770e-01 0.78176

사고발생내용1\_2 3.887e-01 5.514e-01 7.050e-01 0.48079

사고발생내용1\_3 1.041e+00 6.827e-01 1.525e+00 0.12735

사고발생내용1\_4 5.027e-01 8.514e-01 5.910e-01 0.55485

사고발생내용1\_5 4.504e+15 6.711e+07 6.711e+07 < 2e-16 \*\*\*

사고발생내용1\_6 1.738e+00 1.330e+00 1.307e+00 0.19119

사고발생내용1\_8 -1.016e-01 1.202e+00 -8.500e-02 0.93262

사고발생내용1\_10 NA NA NA NA

사고발생내용2\_0 8.953e+00 1.160e+02 7.700e-02 0.93849

사고발생내용2\_2 7.992e+00 1.160e+02 6.900e-02 0.94509

사고발생내용2\_3 1.501e+15 3.875e+07 3.875e+07 < 2e-16 \*\*\*

사고발생내용2\_4 -7.106e+00 3.834e+03 -2.000e-03 0.99852

사고발생내용2\_10 NA NA NA NA

사고발생내용3\_0 -3.450e+13 3.912e+13 -8.820e-01 0.37776

사고발생내용3\_3 -3.450e+13 3.912e+13 -8.820e-01 0.37776

`미충족의료 경험 유무\_1` 6.816e-02 1.133e-01 6.010e-01 0.54756

`미충족의료 경험 유무\_2` NA NA NA NA

`희귀난치성질환 여부\_1` 2.838e+01 5.502e+05 0.000e+00 0.99996

`희귀난치성질환 여부\_2` NA NA NA NA

`희귀난치성질환 등록 여부\_0` 2.894e+01 5.502e+05 0.000e+00 0.99996

`희귀난치성질환 등록 여부\_1` 2.212e-01 4.570e-01 4.840e-01 0.62838

`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: 3111.0 on 2723 degrees of freedom

Residual deviance: 3067.9 on 2687 degrees of freedom

AIC: 3141.9

Number of Fisher Scoring iterations: 25

**> summary(glm(d1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=d1))**

Call:glm(formula = d1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = d1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.4215 -0.8056 -0.6821 1.2208 2.2027

Coefficients: (34 not defined because of singularities)

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

(Intercept) -7.412e-01 6.296e-01 -1.177 0.239086

`물리치료-이용여부\_1` -2.206e-01 9.631e-02 -2.291 0.021971 \*

`물리치료-이용여부\_2` NA NA NA NA

`작업치료-이용여부\_1` -1.301e+01 3.181e+02 -0.041 0.967365

`작업치료-이용여부\_2` NA NA NA NA

`언어치료-이용여부\_1` -1.335e+01 5.854e+02 -0.023 0.981808

`언어치료-이용여부\_2` NA NA NA NA

`음악치료-이용여부\_1` 1.285e+01 1.288e+03 0.010 0.992041

`음악치료-이용여부\_2` NA NA NA NA

`놀이치료-이용여부\_1` -1.366e+01 8.827e+02 -0.015 0.987656

`놀이치료-이용여부\_2` NA NA NA NA

`미술치료-이용여부\_2` NA NA NA NA

`심리행동치료-이용여부\_1` -1.373e+01 6.146e+02 -0.022 0.982171

`심리행동치료-이용여부\_2` NA NA NA NA

`기타-이용여부\_1` 9.632e-01 7.774e-01 1.239 0.215351

`기타-이용여부\_2` NA NA NA NA

`흡연 여부\_0` -1.284e+01 8.827e+02 -0.015 0.988398

`흡연 여부\_1` 1.858e-01 1.630e-01 1.140 0.254323

`흡연 여부\_2` 1.259e-01 3.164e-01 0.398 0.690776

`흡연 여부\_3` 1.308e-01 1.194e-01 1.096 0.273137

`흡연 여부\_4` NA NA NA NA

`최근 1년간 금연시도\_0` NA NA NA NA

`최근 1년간 금연시도\_1` -1.432e-01 1.902e-01 -0.753 0.451543

`최근 1년간 금연시도\_2` NA NA NA NA

`흡연예방교육 여부\_0` NA NA NA NA

`흡연예방교육 여부\_1` -3.204e-01 3.486e-01 -0.919 0.357961

`흡연예방교육 여부\_2` NA NA NA NA

음주횟수\_0 NA NA NA NA

음주횟수\_1 -2.115e-01 2.768e-01 -0.764 0.444917

음주횟수\_2 3.806e-01 2.842e-01 1.339 0.180476

음주횟수\_3 2.009e-03 3.013e-01 0.007 0.994680

음주횟수\_4 1.325e-01 2.519e-01 0.526 0.598922

음주횟수\_5 6.397e-03 2.483e-01 0.026 0.979442

음주횟수\_6 NA NA NA NA

평균음주량\_0 NA NA NA NA

평균음주량\_1 -7.934e-01 2.851e-01 -2.783 0.005378 \*\*

평균음주량\_2 -5.038e-01 2.786e-01 -1.809 0.070526 .

평균음주량\_3 -1.315e+00 3.736e-01 -3.519 0.000434 \*\*\*

평균음주량\_4 -7.379e-01 2.823e-01 -2.614 0.008952 \*\*

평균음주량\_5 NA NA NA NA

건강관리운동\_1 -2.277e-01 8.064e-01 -0.282 0.777618

건강관리운동\_2 NA NA NA NA

`운동 주기\_0` NA NA NA NA

`운동 주기\_1` 2.647e-01 8.072e-01 0.328 0.743001

`운동 주기\_2` 2.014e-01 8.114e-01 0.248 0.803961

`운동 주기\_3` -1.466e-02 8.216e-01 -0.018 0.985769

`운동 주기\_4` 7.451e-01 8.403e-01 0.887 0.375215

`운동 주기\_5` 6.435e-01 8.777e-01 0.733 0.463451

`운동 주기\_6` NA NA NA NA

`재활운동체육 필요여부\_1` 4.237e-01 7.631e-01 0.555 0.578774

`재활운동체육 필요여부\_2` 2.670e-01 7.514e-01 0.355 0.722317

`재활운동체육 필요여부\_3` 2.959e-01 7.701e-01 0.384 0.700769

`재활운동체육 필요여부\_4` NA NA NA NA

`장애인 체육지도자 필요여부\_1` -3.639e-01 6.201e-01 -0.587 0.557313

`장애인 체육지도자 필요여부\_2` -9.128e-02 6.032e-01 -0.151 0.879720

`장애인 체육지도자 필요여부\_3` -1.085e-01 6.135e-01 -0.177 0.859653

`장애인 체육지도자 필요여부\_4` NA NA NA NA

`일정한 시간에 식사여부\_1` 1.196e-02 1.851e-01 0.065 0.948502

`일정한 시간에 식사여부\_2` -1.397e-01 1.943e-01 -0.719 0.472072

`일정한 시간에 식사여부\_3` NA NA NA NA

`고른 식품 섭취여부\_1` -8.389e-02 1.578e-01 -0.531 0.595105

`고른 식품 섭취여부\_2` -2.078e-01 1.425e-01 -1.458 0.144770

`고른 식품 섭취여부\_3` NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 1.198e+00 2.295e-01 5.220 1.79e-07 \*\*\*

`음식물 씹는데 불편감 여부\_2` 8.058e-01 1.910e-01 4.219 2.46e-05 \*\*\*

`음식물 씹는데 불편감 여부\_3` 6.947e-01 2.054e-01 3.382 0.000721 \*\*\*

`음식물 씹는데 불편감 여부\_4` 4.825e-01 1.981e-01 2.436 0.014836 \*

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -9.823e-01 2.955e-01 -3.324 0.000887 \*\*\*

`본인 체형 평가\_2` -8.527e-01 2.212e-01 -3.855 0.000116 \*\*\*

`본인 체형 평가\_3` -7.000e-01 2.035e-01 -3.440 0.000582 \*\*\*

`본인 체형 평가\_4` -5.098e-01 2.084e-01 -2.446 0.014435 \*

`본인 체형 평가\_5` NA NA NA NA

`일상생활 중 스트레스정도\_0` NA NA NA NA

`일상생활 중 스트레스정도\_1` -8.045e-02 3.047e-01 -0.264 0.791762

`일상생활 중 스트레스정도\_2` -1.098e-02 2.880e-01 -0.038 0.969596

`일상생활 중 스트레스정도\_3` -4.824e-02 2.950e-01 -0.164 0.870086

`일상생활 중 스트레스정도\_4` 2.331e-02 2.953e-01 0.079 0.937087

`일상생활 중 스트레스정도\_5` NA NA NA NA

`슬프거나 절망감\_0` NA NA NA NA

`슬프거나 절망감\_1` 1.004e-01 1.408e-01 0.713 0.475542

`슬프거나 절망감\_2` NA NA NA NA

`자살 생각 여부\_0` NA NA NA NA

`자살 생각 여부\_1` 9.670e-02 1.563e-01 0.619 0.536102

`자살 생각 여부\_2` NA NA NA NA

`자살 시도 여부\_0` NA NA NA NA

`자살 시도 여부\_1` 3.234e-01 4.129e-01 0.783 0.433518

`자살 시도 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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2992.3 on 2670 degrees of freedom

AIC: 3100.3

**> summary(glm(e1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=e1))**

Call:glm(formula = e1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = e1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.5873 -0.8111 -0.7075 1.2467 2.4659

Coefficients: (36 not defined because of singularities)

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

(Intercept) -0.48844 0.63639 -0.768 0.442778

`EQ-5D (운동능력)\_0` -11.76384 228.12628 -0.052 0.958874

`EQ-5D (운동능력)\_1` -0.01811 0.42702 -0.042 0.966171

`EQ-5D (운동능력)\_2` 0.12545 0.41196 0.305 0.760732

`EQ-5D (운동능력)\_3` NA NA NA NA

`EQ-5D (자기관리)\_0` NA NA NA NA

`EQ-5D (자기관리)\_1` 0.70133 0.49595 1.414 0.157330

`EQ-5D (자기관리)\_2` 0.92616 0.48548 1.908 0.056425 .

`EQ-5D (자기관리)\_3` NA NA NA NA

`EQ-5D (일상활동)\_0` NA NA NA NA

`EQ-5D (일상활동)\_1` -1.19112 0.50303 -2.368 0.017889 \*

`EQ-5D (일상활동)\_2` -1.15307 0.48779 -2.364 0.018084 \*

`EQ-5D (일상활동)\_3` NA NA NA NA

`EQ-5D (통증/불편)\_0` NA NA NA NA

`EQ-5D (통증/불편)\_1` 0.09971 0.19578 0.509 0.610557

`EQ-5D (통증/불편)\_2` -0.10690 0.16065 -0.665 0.505788

`EQ-5D (통증/불편)\_3` NA NA NA NA

`EQ-5D (불안/우울)\_0` NA NA NA NA

`EQ-5D (불안/우울)\_1` -0.23793 0.27560 -0.863 0.387974

`EQ-5D (불안/우울)\_2` -0.11672 0.27104 -0.431 0.666729

`EQ-5D (불안/우울)\_3` NA NA NA NA

`건강관련서비스 이용여부\_1` -2.19401 0.66390 -3.305 0.000951 \*\*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`1)이용\_건강상태평가관리\_0` NA NA NA NA

`1)이용\_건강상태평가관리\_1` 0.12867 0.09252 1.391 0.164318

`1)이용\_건강상태평가관리\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.47672 0.37313 3.958 7.57e-05 \*\*\*

`2)이용\_만성질환관리\_2` NA NA NA NA

`3)이용\_장애관리\_재활\_0` NA NA NA NA

`3)이용\_장애관리\_재활\_1` -0.11884 0.09465 -1.256 0.209285

`3)이용\_장애관리\_재활\_2` NA NA NA NA

`4)이용\_ 건강검진\_0` NA NA NA NA

`4)이용\_ 건강검진\_1` 0.10854 0.11527 0.942 0.346383

`4)이용\_ 건강검진\_2` NA NA NA NA

`5)이용\_예방접종\_0` NA NA NA NA

`5)이용\_예방접종\_1` 0.22436 0.11588 1.936 0.052840 .

`5)이용\_예방접종\_2` NA NA NA NA

`6)이용\_건강교육\_교실\_0` NA NA NA NA

`6)이용\_건강교육\_교실\_1` -0.29995 0.26131 -1.148 0.251016

`6)이용\_건강교육\_교실\_2` NA NA NA NA

`7)이용\_일반진료\_0` NA NA NA NA

`7)이용\_일반진료\_1` 0.34912 0.25269 1.382 0.167086

`7)이용\_일반진료\_2` NA NA NA NA

`8)이용\_방문보건\_0` NA NA NA NA

`8)이용\_방문보건\_1` -0.29815 0.27239 -1.095 0.273692

`8)이용\_방문보건\_2` NA NA NA NA

`9)이용\_구강보건\_0` NA NA NA NA

`9)이용\_구강보건\_1` -0.16552 0.09751 -1.697 0.089604 .

`9)이용\_구강보건\_2` NA NA NA NA

`10)이용\_정신보건\_0` NA NA NA NA

`10)이용\_정신보건\_1` -0.25735 0.21506 -1.197 0.231450

`10)이용\_정신보건\_2` NA NA NA NA

`11)이용\_기타\_0` NA NA NA NA

`11)이용\_기타\_1` 0.32905 1.23639 0.266 0.790132

`11)이용\_기타\_2` NA NA NA NA

`건강주치의 필요\_1` 0.10903 0.30124 0.362 0.717398

`건강주치의 필요\_2` NA NA NA NA

건강주치의\_필요서비스1\_0 NA NA NA NA

건강주치의\_필요서비스1\_1 -0.26110 0.26902 -0.971 0.331769

건강주치의\_필요서비스1\_2 0.58001 0.25513 2.273 0.023003 \*

건강주치의\_필요서비스1\_3 -0.38344 0.27815 -1.379 0.168031

건강주치의\_필요서비스1\_4 0.12250 0.41142 0.298 0.765891

건강주치의\_필요서비스1\_5 0.03099 0.62451 0.050 0.960419

건강주치의\_필요서비스1\_6 NA NA NA NA

건강주치의\_필요서비스2\_0 0.26161 0.26224 0.998 0.318472

건강주치의\_필요서비스2\_1 -0.13671 0.22010 -0.621 0.534518

건강주치의\_필요서비스2\_2 0.37907 0.21763 1.742 0.081543 .

건강주치의\_필요서비스2\_3 -0.20263 0.20879 -0.970 0.331797

건강주치의\_필요서비스2\_4 -0.41119 0.25776 -1.595 0.110652

건강주치의\_필요서비스2\_5 0.33134 0.33913 0.977 0.328565

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: 3111.0 on 2723 degrees of freedom

Residual deviance: 3002.4 on 2688 degrees of freedom

AIC: 3074.4

**> summary(glm(f1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=f1))**

Call:glm(formula = f1$`06)만성질환명(당뇨병)` ~ ., family = binomial,data = f1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.6730 -0.7194 -0.7194 0.8220 2.5194

Coefficients: (46 not defined because of singularities)

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

(Intercept) 14.19907 882.74434 0.016 0.987166

`ADL - 옷 갈아입기\_0` -3.37129 1248.38925 -0.003 0.997845

`ADL - 옷 갈아입기\_1` 0.88552 1.28243 0.691 0.489880

`ADL - 옷 갈아입기\_2` 0.39826 1.27194 0.313 0.754194

`ADL - 옷 갈아입기\_3` -0.27171 1.21241 -0.224 0.822671

`ADL - 옷 갈아입기\_4` NA NA NA NA

`ADL <U+2013>목욕하기\_0` NA NA NA NA

`ADL <U+2013>목욕하기\_1` 0.42549 0.80311 0.530 0.596252

`ADL <U+2013>목욕하기\_2` 0.75466 0.79744 0.946 0.343972

`ADL <U+2013>목욕하기\_3` 0.59887 0.75830 0.790 0.429673

`ADL <U+2013>목욕하기\_4` NA NA NA NA

`ADL - 구강청결\_0` NA NA NA NA

`ADL - 구강청결\_1` -0.65492 1.41333 -0.463 0.643088

`ADL - 구강청결\_2` -0.43038 1.34708 -0.319 0.749357

`ADL - 구강청결\_3` -1.36004 1.29914 -1.047 0.295155

`ADL - 구강청결\_4` NA NA NA NA

`ADL <U+2013>음식물 넘기기\_0` NA NA NA NA

`ADL <U+2013>음식물 넘기기\_1` -0.92648 2.09911 -0.441 0.658948

`ADL <U+2013>음식물 넘기기\_2` -4.07922 2.43262 -1.677 0.093565 .

`ADL <U+2013>음식물 넘기기\_3` -0.25785 2.40266 -0.107 0.914536

`ADL <U+2013>음식물 넘기기\_4` NA NA NA NA

`ADL - 식사하기\_0` NA NA NA NA

`ADL - 식사하기\_1` 1.77715 1.73775 1.023 0.306463

`ADL - 식사하기\_2` 1.91850 1.73181 1.108 0.267948

`ADL - 식사하기\_3` 1.53982 1.78167 0.864 0.387448

`ADL - 식사하기\_4` NA NA NA NA

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_0` NA NA NA NA

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_1` 1.28857 2.01068 0.641 0.521611

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_2` 1.82490 2.02549 0.901 0.367606

`ADL <U+2013>누운상태에서\\r\\n자세바꾸기\_3` 1.94442 1.98685 0.979 0.327756

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

`ADL - 옮겨앉기\_0` NA NA NA NA

`ADL - 옮겨앉기\_1` -1.42441 1.33847 -1.064 0.287235

`ADL - 옮겨앉기\_2` -1.38353 1.33175 -1.039 0.298862

`ADL - 옮겨앉기\_3` -0.52642 1.17609 -0.448 0.654438

`ADL - 옮겨앉기\_4` NA NA NA NA

`ADL - 앉은자세유지\_0` NA NA NA NA

`ADL - 앉은자세유지\_1` -2.18971 1.45756 -1.502 0.133018

`ADL - 앉은자세유지\_2` -1.87654 1.44456 -1.299 0.193933

`ADL - 앉은자세유지\_3` -2.18087 1.39849 -1.559 0.118891

`ADL - 앉은자세유지\_4` NA NA NA NA

`ADL - 보행\_0` NA NA NA NA

`ADL - 보행\_1` 2.51599 0.85069 2.958 0.003100 \*\*

`ADL - 보행\_2` 2.45090 0.83273 2.943 0.003248 \*\*

`ADL - 보행\_3` 2.54512 0.76561 3.324 0.000886 \*\*\*

`ADL - 보행\_4` NA NA NA NA

`ADL - 이동\_0` NA NA NA NA

`ADL - 이동\_1` -2.41865 0.89262 -2.710 0.006737 \*\*

`ADL - 이동\_2` -2.26230 0.87796 -2.577 0.009973 \*\*

`ADL - 이동\_3` -1.96961 0.80746 -2.439 0.014717 \*

`ADL - 이동\_4` NA NA NA NA

`ADL<U+2013> 배변\_0` NA NA NA NA

`ADL<U+2013> 배변\_1` -16.44384 453.26146 -0.036 0.971060

`ADL<U+2013> 배변\_2` -16.53960 453.26159 -0.036 0.970892

`ADL<U+2013> 배변\_3` -15.02786 453.26075 -0.033 0.973551

`ADL<U+2013> 배변\_4` NA NA NA NA

`ADL - 배뇨\_0` NA NA NA NA

`ADL - 배뇨\_1` 15.92332 453.26132 0.035 0.971976

`ADL - 배뇨\_2` 17.02929 453.26140 0.038 0.970030

`ADL - 배뇨\_3` 15.19989 453.26045 0.034 0.973248

`ADL - 배뇨\_4` NA NA NA NA

`ADL - 전화사용하기\_0` NA NA NA NA

`ADL - 전화사용하기\_1` 0.39342 0.83013 0.474 0.635551

`ADL - 전화사용하기\_2` -0.33375 0.82197 -0.406 0.684716

`ADL - 전화사용하기\_3` -0.16342 0.85414 -0.191 0.848270

`ADL - 전화사용하기\_4` NA NA NA NA

`ADL - 물건사기\_0` NA NA NA NA

`ADL - 물건사기\_1` 0.56458 0.73166 0.772 0.440326

`ADL - 물건사기\_2` 0.32445 0.72253 0.449 0.653394

`ADL - 물건사기\_3` -0.08920 0.69932 -0.128 0.898508

`ADL - 물건사기\_4` NA NA NA NA

`ADL - 식사준비\_0` -11.11635 882.74507 -0.013 0.989953

`ADL - 식사준비\_1` 0.48270 0.98255 0.491 0.623230

`ADL - 식사준비\_2` 0.31268 0.97029 0.322 0.747257

`ADL - 식사준비\_3` 1.27485 0.88676 1.438 0.150531

`ADL - 식사준비\_4` NA NA NA NA

`ADL - 청소\_0` NA NA NA NA

`ADL - 청소\_1` -0.53556 1.04431 -0.513 0.608066

`ADL - 청소\_2` -0.81874 1.03053 -0.794 0.426914

`ADL - 청소\_3` -1.69872 1.00393 -1.692 0.090631 .

`ADL - 청소\_4` NA NA NA NA

`ADL<U+2013> 빨래하기\_0` NA NA NA NA

`ADL<U+2013> 빨래하기\_1` 1.17309 1.03796 1.130 0.258398

`ADL<U+2013> 빨래하기\_2` 1.38330 1.02570 1.349 0.177451

`ADL<U+2013> 빨래하기\_3` 1.13885 0.97488 1.168 0.242731

`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` 0.89368 1.38292 0.646 0.518132

`ADL <U+2013>약 챙겨먹기\_2` 0.80523 1.32749 0.607 0.544128

`ADL <U+2013>약 챙겨먹기\_3` -0.03846 1.29161 -0.030 0.976245

`ADL <U+2013>약 챙겨먹기\_4` NA NA NA NA

`ADL - 금전관리\_0` NA NA NA NA

`ADL - 금전관리\_1` -0.47197 0.70459 -0.670 0.502954

`ADL - 금전관리\_2` -0.53360 0.69600 -0.767 0.443281

`ADL - 금전관리\_3` -0.05544 0.68724 -0.081 0.935708

`ADL - 금전관리\_4` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_0` NA NA NA NA

`IADL<U+2013>대중교통수단 이용\_1` 0.77912 0.53619 1.453 0.146205

`IADL<U+2013>대중교통수단 이용\_2` 0.82481 0.52373 1.575 0.115288

`IADL<U+2013>대중교통수단 이용\_3` 0.89316 0.47271 1.889 0.058828 .

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

`일상생활시 남의도움 정도\_1` -2.14559 0.86234 -2.488 0.012843 \*

`일상생활시 남의도움 정도\_2` -1.95068 0.84045 -2.321 0.020287 \*

`일상생활시 남의도움 정도\_3` -1.99377 0.81975 -2.432 0.015008 \*

`일상생활시 남의도움 정도\_4` -0.91861 0.72072 -1.275 0.202461

`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` -13.74337 882.74343 -0.016 0.987578

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

`주로 도와주는 사람\_0` -15.31023 882.74410 -0.017 0.986162

`주로 도와주는 사람\_1` -0.94871 0.79310 -1.196 0.231616

`주로 도와주는 사람\_2` -2.02029 1.00539 -2.009 0.044490 \*

`주로 도와주는 사람\_3` -0.99282 0.77439 -1.282 0.199820

`주로 도와주는 사람\_4` -0.43231 0.93055 -0.465 0.642237

`주로 도와주는 사람\_6` -0.44122 1.19974 -0.368 0.713050

`주로 도와주는 사람\_7` -14.17491 623.05075 -0.023 0.981849

`주로 도와주는 사람\_8` -13.40208 597.49630 -0.022 0.982105

`주로 도와주는 사람\_9` 0.78218 1.66401 0.470 0.638313

`주로 도와주는 사람\_10` -1.11698 0.96837 -1.153 0.248720

`주로 도와주는 사람\_11` -2.89684 1.38020 -2.099 0.035830 \*

`주로 도와주는 사람\_12` 0.44332 1.01712 0.436 0.662939

`주로 도와주는 사람\_13` -0.15681 0.97213 -0.161 0.871849

`주로 도와주는 사람\_14` -0.36759 0.77986 -0.471 0.637389

`주로 도와주는 사람\_15` NA NA NA NA

동거여부\_0 NA NA NA NA

동거여부\_1 0.26325 0.28775 0.915 0.360267

동거여부\_2 NA NA NA NA

`도움 계속 필요 여부\_0` NA NA NA NA

`도움 계속 필요 여부\_1` -0.53412 0.80721 -0.662 0.508170

`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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2964.2 on 2640 degrees of freedom

AIC: 3132.2

**> summary(glm(g1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=g1))**

Call:

glm(formula = g1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = g1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.8247 -0.7692 -0.7239 1.2192 2.5004

Coefficients: (62 not defined because of singularities)

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

(Intercept) -1.206e+00 6.299e-02 -1.914e+01 < 2e-16 \*\*\*

`상지의지-필요\_1` -1.313e+00 1.106e+00 -1.187e+00 0.23516

`상지의지-필요\_2` NA NA NA NA

`상지의지-소지\_1` 2.661e+00 1.113e+00 2.390e+00 0.01684 \*

`상지의지-소지\_2` NA NA NA NA

`상지의지-사용\_0` NA NA NA NA

`상지의지-사용\_1` -7.370e-01 7.460e-01 -9.880e-01 0.32318

`상지의지-사용\_2` NA NA NA NA

`하지의지-필요\_1` 7.176e-01 8.769e-01 8.180e-01 0.41315

`하지의지-필요\_2` NA NA NA NA

`하지의지-소지\_1` -6.985e-01 1.596e+00 -4.380e-01 0.66157

`하지의지-소지\_2` NA NA NA NA

`하지의지-사용\_0` NA NA NA NA

`하지의지-사용\_1` -3.164e-01 1.408e+00 -2.250e-01 0.82220

`하지의지-사용\_2` NA NA NA NA

`척추보조기-필요\_1` 2.102e-01 2.559e-01 8.210e-01 0.41152

`척추보조기-필요\_2` NA NA NA NA

`척추보조기-소지\_1` -4.645e-01 2.949e-01 -1.575e+00 0.11522

`척추보조기-소지\_2` NA NA NA NA

`척추보조기-사용\_0` NA NA NA NA

`척추보조기-사용\_1` 3.933e-01 3.624e-01 1.085e+00 0.27771

`척추보조기-사용\_2` NA NA NA NA

`상지보조기-필요\_1` -4.206e-01 7.186e-01 -5.850e-01 0.55837

`상지보조기-필요\_2` NA NA NA NA

`상지보조기-소지\_1` 9.723e-01 7.436e-01 1.308e+00 0.19103

`상지보조기-소지\_2` NA NA NA NA

`상지보조기-사용\_0` NA NA NA NA

`상지보조기-사용\_1` -1.315e+00 1.342e+00 -9.800e-01 0.32701

`상지보조기-사용\_2` NA NA NA NA

`하지보조기-필요\_1` -3.662e-01 5.036e-01 -7.270e-01 0.46714

`하지보조기-필요\_2` NA NA NA NA

`하지보조기-소지\_1` -8.316e-02 5.503e-01 -1.510e-01 0.87990

`하지보조기-소지\_2` NA NA NA NA

`하지보조기-사용\_0` NA NA NA NA

`하지보조기-사용\_1` 2.076e-01 7.127e-01 2.910e-01 0.77086

`하지보조기-사용\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 8.888e-01 4.505e-01 1.973e+00 0.04849 \*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`맞춤형 교정용신발-소지\_1` -9.778e-01 8.552e-01 -1.143e+00 0.25288

`맞춤형 교정용신발-소지\_2` NA NA NA NA

`맞춤형 교정용신발-사용\_0` NA NA NA NA

`맞춤형 교정용신발-사용\_1` 4.522e-01 9.144e-01 4.940e-01 0.62096

`맞춤형 교정용신발-사용\_2` NA NA NA NA

`지팡이-필요\_1` 2.359e-01 2.209e-01 1.068e+00 0.28551

`지팡이-필요\_2` NA NA NA NA

`지팡이-소지\_1` 6.047e-02 2.268e-01 2.670e-01 0.78972

`지팡이-소지\_2` NA NA NA NA

`지팡이-사용\_0` NA NA NA NA

`지팡이-사용\_1` -1.596e-02 2.178e-01 -7.300e-02 0.94159

`지팡이-사용\_2` NA NA NA NA

`목발-필요\_1` -1.134e-01 4.859e-01 -2.330e-01 0.81541

`목발-필요\_2` NA NA NA NA

`목발-소지\_1` -6.058e-02 3.488e-01 -1.740e-01 0.86213

`목발-소지\_2` NA NA NA NA

`목발-사용\_0` NA NA NA NA

`목발-사용\_1` 3.840e-01 4.907e-01 7.820e-01 0.43395

`목발-사용\_2` NA NA NA NA

`보행기-필요\_1` 9.196e-02 2.453e-01 3.750e-01 0.70775

`보행기-필요\_2` NA NA NA NA

`보행기-소지\_1` 7.524e-02 3.916e-01 1.920e-01 0.84764

`보행기-소지\_2` NA NA NA NA

`보행기-사용\_0` NA NA NA NA

`보행기-사용\_1` -2.151e-01 3.842e-01 -5.600e-01 0.57559

`보행기-사용\_2` NA NA NA NA

`전동휠체어-필요\_1` 1.134e-01 2.202e-01 5.150e-01 0.60646

`전동휠체어-필요\_2` NA NA NA NA

`전동휠체어-소지\_1` 3.779e-01 6.976e-01 5.420e-01 0.58802

`전동휠체어-소지\_2` NA NA NA NA

`전동휠체어-사용\_0` NA NA NA NA

`전동휠체어-사용\_1` -1.227e-01 7.089e-01 -1.730e-01 0.86263

`전동휠체어-사용\_2` NA NA NA NA

`수동휠체어-필요\_1` 8.290e-01 3.647e-01 2.273e+00 0.02301 \*

`수동휠체어-필요\_2` NA NA NA NA

`수동휠체어-소지\_1` -9.519e-02 4.981e-01 -1.910e-01 0.84845

`수동휠체어-소지\_2` NA NA NA NA

`수동휠체어-사용\_0` NA NA NA NA

`수동휠체어-사용\_1` -2.318e-01 5.243e-01 -4.420e-01 0.65839

`수동휠체어-사용\_2` NA NA NA NA

`전동스쿠터-필요\_1` 2.180e-01 2.068e-01 1.055e+00 0.29164

`전동스쿠터-필요\_2` NA NA NA NA

`전동스쿠터-소지\_1` -2.449e-02 7.306e-01 -3.400e-02 0.97326

`전동스쿠터-소지\_2` NA NA NA NA

`전동스쿠터-사용\_0` NA NA NA NA

`전동스쿠터-사용\_1` -6.374e-02 7.435e-01 -8.600e-02 0.93168

`전동스쿠터-사용\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.648e+00 5.670e-01 -2.907e+00 0.00365 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -4.504e+15 3.676e+07 -1.225e+08 < 2e-16 \*\*\*

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` 4.504e+15 5.341e+07 8.432e+07 < 2e-16 \*\*\*

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-필요\_1` 7.424e-01 5.548e-01 1.338e+00 0.18084

`상하지운동기구-필요\_2` NA NA NA NA

`상하지운동기구-소지\_1` -8.103e+13 3.201e+13 -2.532e+00 0.01135 \*

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` 8.103e+13 3.201e+13 2.532e+00 0.01135 \*

`상하지운동기구-사용\_2` 4.585e+15 3.201e+13 1.432e+02 < 2e-16 \*\*\*

`팔받침대-필요\_1` -1.036e+00 1.187e+00 -8.720e-01 0.38299

`팔받침대-필요\_2` NA NA NA NA

`팔받침대-소지\_1` -2.673e+06 5.615e+07 -4.800e-02 0.96204

`팔받침대-소지\_2` NA NA NA NA

`팔받침대-사용\_0` NA NA NA NA

`팔받침대-사용\_1` -4.504e+15 7.352e+07 -6.126e+07 < 2e-16 \*\*\*

`팔받침대-사용\_2` NA NA NA NA

`기타-필요...459\_1` 2.322e-01 6.786e-01 3.420e-01 0.73225

`기타-필요...459\_2` NA NA NA NA

`기타-소지...460\_1` 4.485e+12 6.530e+12 6.870e-01 0.49220

`기타-소지...460\_2` NA NA NA NA

`기타-사용...461\_0` NA NA NA NA

`기타-사용...461\_1` -4.485e+12 6.530e+12 -6.870e-01 0.49220

`기타-사용...461\_2` -4.485e+12 6.530e+12 -6.870e-01 0.49220

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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: 3111.0 on 2723 degrees of freedom

Residual deviance: 3043.5 on 2673 degrees of freedom

AIC: 3145.5

**> summary(glm(h1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=h1))**

Call:glm(formula = h1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = h1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.8030 -0.7936 -0.6926 0.9975 2.3467

Coefficients: (116 not defined because of singularities)

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

(Intercept) 0.06017 0.53873 0.112 0.911066

`보청기 - 필요\_1` -0.13245 0.32906 -0.403 0.687305

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` -1.21522 0.86588 -1.403 0.160481

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` 1.30764 0.88182 1.483 0.138102

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` -12.79736 679.21756 -0.019 0.984968

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` 57.57663 3075.10926 0.019 0.985062

`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` 0.14198 0.61594 0.231 0.817695

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` 0.63961 1.58097 0.405 0.685797

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` -1.47926 1.55000 -0.954 0.339900

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` -0.36191 0.76872 -0.471 0.637786

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` -1.92074 1.65048 -1.164 0.244528

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` 2.35470 1.77621 1.326 0.184943

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` 0.13945 0.30302 0.460 0.645360

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` 1.50367 1.53439 0.980 0.327096

`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` -0.64285 1.56560 -0.411 0.681358

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`기립보조기구-필요\_1` 0.87278 0.39028 2.236 0.025332 \*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -0.99349 0.85903 -1.157 0.247470

`기립보조기구-소지\_2` NA NA NA NA

`기립보조기구-사용\_0` NA NA NA NA

`기립보조기구-사용\_1` NA NA NA NA

`기저귀매트-필요\_1` -1.51130 0.93600 -1.615 0.106388

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` 1.60770 1.03745 1.550 0.121222

`기저귀매트-소지\_2` NA NA NA NA

`기저귀매트-사용\_0` NA NA NA NA

`기저귀매트-사용\_1` NA NA NA NA

`목욕의자및이동욕조-필요\_1` -0.17426 0.26815 -0.650 0.515792

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -0.61925 1.32399 -0.468 0.639987

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 1.03545 1.35157 0.766 0.443609

`목욕의자및이동욕조-사용\_2` NA NA NA NA

`이동변기-필요\_1` -1.25709 0.61986 -2.028 0.042559 \*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` 3.02109 0.83218 3.630 0.000283 \*\*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.61602 0.74204 -2.178 0.029419 \*

`이동변기-사용\_2` NA NA NA NA

`특수키보드-필요\_1` 17.51568 1455.39770 0.012 0.990398

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -16.10818 2133.95825 -0.008 0.993977

`특수키보드-소지\_2` NA NA NA NA

`특수키보드-사용\_0` NA NA NA NA

`특수키보드-사용\_1` NA NA NA NA

`특수마우스-필요\_1` -32.41602 1779.24503 -0.018 0.985464

`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` 0.73789 0.40229 1.834 0.066618 .

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` -15.54894 701.90977 -0.022 0.982326

`각종스위치-소지\_2` NA NA NA NA

`각종스위치-사용\_0` NA NA NA NA

`각종스위치-사용\_1` NA NA NA NA

`음성인식장치-필요\_1` 2.31021 1.39653 1.654 0.098077 .

`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` -16.42785 1455.39826 -0.011 0.990994

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` 17.45118 2133.95895 0.008 0.993475

`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` -1.17248 0.95612 -1.226 0.220086

`환경제어장치-필요\_2` NA NA NA NA

`환경제어장치-소지\_1` 17.28015 990.63365 0.017 0.986083

`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` -16.58896 563.39399 -0.029 0.976510

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` 2.95260 1143.30071 0.003 0.997939

`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` -0.26557 0.21759 -1.221 0.222255

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` 0.29685 0.91376 0.325 0.745282

`주택개조-소지\_2` NA NA NA NA

`주택개조-사용\_0` NA NA NA NA

`주택개조-사용\_1` NA NA NA NA

`장애인용의복-필요\_1` 1.37203 1.78319 0.769 0.441640

`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` 1.20019 0.84942 1.413 0.157670

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` -1.06023 1.10048 -0.963 0.335335

`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` -0.12524 0.28046 -0.447 0.655193

`경보시스템-필요\_2` NA NA NA NA

`경보시스템-소지\_1` 0.41519 1.58211 0.262 0.792992

`경보시스템-소지\_2` NA NA NA NA

`경보시스템-사용\_0` NA NA NA NA

`경보시스템-사용\_1` 0.00701 1.64286 0.004 0.996595

`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` -14.15905 1455.39755 -0.010 0.992238

`레크레이션용보조기구-필요\_2` NA NA NA NA

`레크레이션용보조기구-소지\_2` NA NA NA NA

`레크레이션용보조기구-사용\_0` NA NA NA NA

`배회감지기-필요\_1` 0.91210 1.08349 0.842 0.399888

`배회감지기-필요\_2` NA NA NA NA

`배회감지기-소지\_2` NA NA NA NA

`배회감지기-사용\_0` NA NA NA NA

`안전손잡이-필요\_1` -0.08947 0.19797 -0.452 0.651321

`안전손잡이-필요\_2` NA NA NA NA

`안전손잡이-소지\_1` 1.27615 1.44515 0.883 0.377203

`안전손잡이-소지\_2` NA NA NA NA

`안전손잡이-사용\_0` NA NA NA NA

`안전손잡이-사용\_1` -1.12272 1.48562 -0.756 0.449815

`안전손잡이-사용\_2` NA NA NA NA

`음식,음료섭취용 보조기구-필요\_1` -14.24124 534.55178 -0.027 0.978746

`음식,음료섭취용 보조기구-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 14.45912 534.55452 0.027 0.978421

`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` 16.57972 1455.39754 0.011 0.990911

`기타-필요...666\_2` NA NA NA NA

`기타-소지...667\_1` -31.81204 1666.53767 -0.019 0.984770

`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` 0.56368 1.23937 0.455 0.649244

`산소발생기-필요...669\_2` NA NA NA NA

`산소발생기-소지...670\_1` -0.39332 1.78315 -0.221 0.825425

`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` -14.19946 1455.39812 -0.010 0.992216

`인공호흡기-필요...672\_2` NA NA NA NA

`인공호흡기-소지...673\_1` -0.50037 2058.24336 0.000 0.999806

`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 -1.44913 0.52206 -2.776 0.005506 \*\*

사용빈도\_1 -0.66566 0.39080 -1.703 0.088507 .

사용빈도\_2 -0.61290 0.41974 -1.460 0.144238

사용빈도\_3 -0.64707 0.45279 -1.429 0.152978

사용빈도\_4 -0.68896 0.51204 -1.346 0.178455

사용빈도\_5 -1.25083 0.57413 -2.179 0.029359 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -0.82866 0.41962 -1.975 0.048292 \*

`1일 이용시간\_2` -0.30753 0.38206 -0.805 0.420855

`1일 이용시간\_3` -0.64145 0.36609 -1.752 0.079747 .

`1일 이용시간\_4` -0.82204 0.39857 -2.062 0.039165 \*

`1일 이용시간\_5` -1.26348 0.49569 -2.549 0.010805 \*

`1일 이용시간\_6` -0.82513 0.51219 -1.611 0.107184

`1일 이용시간\_7` -1.15418 0.58349 -1.978 0.047921 \*

`1일 이용시간\_8` -0.85047 0.44619 -1.906 0.056643 .

`1일 이용시간\_9` NA NA NA NA

`이용경험-상담과 평가\_1` 0.12779 0.12977 0.985 0.324716

`이용경험-상담과 평가\_2` NA NA NA NA

`휴대폰 사용 여부\_1` 0.39499 0.16843 2.345 0.019021 \*

`휴대폰 사용 여부\_2` NA NA NA NA

`스마트폰 사용 여부\_1` 0.24752 0.18427 1.343 0.179199

`스마트폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` -0.46896 0.20931 -2.240 0.025060 \*

`검퓨터 사용 여부\_2` NA NA NA NA

`인터넷 사용 여부\_1` 0.14042 0.20390 0.689 0.491025

`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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2984.2 on 2647 degrees of freedom

AIC: 3138.2

**2차 시행**

**> summary(glm(a2$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=a2))**

Call:glm(formula = a2$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = a2)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.5234 -0.8144 -0.6482 0.8388 2.5723

Coefficients: (14 not defined because of singularities)

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

(Intercept) 6.860e+12 1.878e+13 3.650e-01 0.714947

생년 -1.770e+00 5.264e-01 -3.362e+00 0.000772 \*\*\*

`월 혈압약 일수` 4.663e-01 9.996e-02 4.665e+00 3.09e-06 \*\*\*

`키(센티)` -1.791e+00 5.014e-01 -3.572e+00 0.000354 \*\*\*

`몸무게(kg)` 2.269e+01 5.295e+00 4.285e+00 1.83e-05 \*\*\*

`가구 유형<U+00A0>\_11` 8.791e+12 2.738e+13 3.210e-01 0.748151

`가구 유형<U+00A0>\_19` 8.791e+12 2.750e+13 3.200e-01 0.749184

`가구 유형<U+00A0>\_21` 8.791e+12 2.751e+13 3.200e-01 0.749259

`가구 유형<U+00A0>\_22` 8.791e+12 2.744e+13 3.200e-01 0.748699

`가구 유형<U+00A0>\_23` 8.791e+12 2.748e+13 3.200e-01 0.748993

`가구 유형<U+00A0>\_24` 8.791e+12 2.746e+13 3.200e-01 0.748861

`가구 유형<U+00A0>\_25` 8.791e+12 2.749e+13 3.200e-01 0.749138

`가구 유형<U+00A0>\_26` 8.791e+12 2.752e+13 3.190e-01 0.749352

`가구 유형<U+00A0>\_27` 4.512e+15 2.743e+13 1.645e+02 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 8.791e+12 2.740e+13 3.210e-01 0.748346

`가구 유형<U+00A0>\_29` 8.791e+12 2.742e+13 3.210e-01 0.748468

`가구 유형<U+00A0>\_31` 8.791e+12 2.748e+13 3.200e-01 0.749057

`가구 유형<U+00A0>\_32` 8.791e+12 2.743e+13 3.210e-01 0.748562

`가구 유형<U+00A0>\_39` 8.791e+12 2.738e+13 3.210e-01 0.748175

`가구 유형<U+00A0>\_40` 8.791e+12 2.746e+13 3.200e-01 0.748896

`가구 유형<U+00A0>\_50` -4.495e+15 2.745e+13 -1.637e+02 < 2e-16 \*\*\*

`장애부위(상지)...31\_0` -1.464e-01 4.187e-01 -3.500e-01 0.726600

`장애부위(상지)...31\_1` -3.977e-01 3.593e-01 -1.107e+00 0.268437

`장애부위(상지)...31\_2` -2.168e-01 3.685e-01 -5.880e-01 0.556395

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` -1.210e-02 2.730e-01 -4.400e-02 0.964642

`장애부위(하지)...32\_1` 3.989e-02 1.778e-01 2.240e-01 0.822498

`장애부위(하지)...32\_2` -2.524e-02 1.817e-01 -1.390e-01 0.889528

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 3.008e-01 2.547e-01 1.181e+00 0.237574

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` -1.565e+13 2.710e+13 -5.780e-01 0.563574

`가장 불편한부위\_12` -1.565e+13 2.711e+13 -5.770e-01 0.563781

`가장 불편한부위\_13` -1.565e+13 2.711e+13 -5.770e-01 0.563665

`가장 불편한부위\_14` -1.565e+13 2.712e+13 -5.770e-01 0.563827

`가장 불편한부위\_15` -1.565e+13 2.709e+13 -5.780e-01 0.563475

`가장 불편한부위\_16` -1.565e+13 2.711e+13 -5.770e-01 0.563734

`가장 불편한부위\_17` -1.565e+13 2.712e+13 -5.770e-01 0.563858

`가장 불편한부위\_18` -1.565e+13 2.713e+13 -5.770e-01 0.564007

`가장 불편한부위\_19` -1.565e+13 2.712e+13 -5.770e-01 0.563866

`가장 불편한부위\_21` -1.565e+13 2.710e+13 -5.780e-01 0.563597

`가장 불편한부위\_22` -1.565e+13 2.712e+13 -5.770e-01 0.563936

`가장 불편한부위\_23` -1.565e+13 2.713e+13 -5.770e-01 0.564062

`가장 불편한부위\_24` -1.565e+13 2.712e+13 -5.770e-01 0.563843

`가장 불편한부위\_25` -1.565e+13 2.712e+13 -5.770e-01 0.563913

`가장 불편한부위\_26` -1.565e+13 2.712e+13 -5.770e-01 0.563897

`가장 불편한부위\_27` -1.565e+13 2.712e+13 -5.770e-01 0.563850

`가장 불편한부위\_31` -1.565e+13 2.714e+13 -5.770e-01 0.564181

`가장 불편한부위\_32` -1.565e+13 2.710e+13 -5.780e-01 0.563528

`가장 불편한부위\_33` -1.565e+13 2.712e+13 -5.770e-01 0.563874

`가장 불편한부위\_34` -1.565e+13 2.712e+13 -5.770e-01 0.563928

`가장 불편한부위\_35` -1.565e+13 2.713e+13 -5.770e-01 0.564062

`가장 불편한부위\_36` -1.565e+13 2.712e+13 -5.770e-01 0.563812

`가장 불편한부위\_37` -1.565e+13 2.711e+13 -5.770e-01 0.563773

`가장 불편한부위\_38` -1.565e+13 2.713e+13 -5.770e-01 0.564030

`가장 불편한부위\_41` -4.519e+15 2.711e+13 -1.667e+02 < 2e-16 \*\*\*

`가장 불편한부위\_42` -1.565e+13 2.710e+13 -5.780e-01 0.563536

`가장 불편한부위\_43` -1.565e+13 2.713e+13 -5.770e-01 0.564086

`가장 불편한부위\_44` -1.565e+13 2.710e+13 -5.770e-01 0.563619

`가장 불편한부위\_45` -1.565e+13 2.712e+13 -5.770e-01 0.563897

`가장 불편한부위\_46` -1.565e+13 2.711e+13 -5.770e-01 0.563781

`가장 불편한부위\_47` -1.565e+13 2.711e+13 -5.770e-01 0.563781

장애발생시기...35\_1 -3.231e-02 1.214e+00 -2.700e-02 0.978764

장애발생시기...35\_2 -2.270e-01 5.293e-01 -4.290e-01 0.668028

장애발생시기...35\_3 NA NA NA NA

`장애주된 원인\_10` -6.595e+00 1.199e+01 -5.500e-01 0.582249

`장애주된 원인\_14` 2.593e-01 1.433e+00 1.810e-01 0.856408

`장애주된 원인\_15` -4.504e+15 4.745e+07 -9.491e+07 < 2e-16 \*\*\*

`장애주된 원인\_17` 2.093e+00 1.207e+00 1.734e+00 0.082836 .

`장애주된 원인\_31` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`장애주된 원인\_40` -1.944e+14 1.022e+14 -1.902e+00 0.057198 .

`장애주된 원인\_43` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`장애주된 원인\_46` 5.638e-01 1.427e+00 3.950e-01 0.692753

`장애주된 원인\_47` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`장애주된 원인\_48` 1.310e-01 9.687e-01 1.350e-01 0.892449

`장애주된 원인\_49` -1.452e+01 5.121e+02 -2.800e-02 0.977379

`장애주된 원인\_50` -1.944e+14 1.022e+14 -1.902e+00 0.057198 .

`장애주된 원인\_51` 4.504e+15 4.745e+07 9.491e+07 < 2e-16 \*\*\*

`장애주된 원인\_60` 6.840e-01 1.319e+00 5.180e-01 0.604190

`장애주된 원인\_61` -5.344e-02 9.786e-01 -5.500e-02 0.956452

`장애주된 원인\_62` -8.244e-02 9.717e-01 -8.500e-02 0.932384

`장애주된 원인\_63` -3.080e-01 9.873e-01 -3.120e-01 0.755076

`장애주된 원인\_64` -3.506e-01 1.018e+00 -3.440e-01 0.730561

`장애주된 원인\_65` 2.248e-01 1.139e+00 1.970e-01 0.843575

`장애주된 원인\_66` 1.633e-01 1.114e+00 1.470e-01 0.883479

`장애주된 원인\_67` -2.302e-01 1.553e+00 -1.480e-01 0.882152

`장애주된 원인\_68` -5.034e-01 1.085e+00 -4.640e-01 0.642588

`장애주된 원인\_69` 8.180e-04 9.639e-01 1.000e-03 0.999323

`장애주된 원인\_70` -4.504e+15 6.711e+07 -6.711e+07 < 2e-16 \*\*\*

`장애주된 원인\_71` 4.936e-01 1.577e+00 3.130e-01 0.754266

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -4.309e+15 1.022e+14 -4.216e+01 < 2e-16 \*\*\*

질병명...38\_103 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_105 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_108 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_109 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_134 -4.068e+05 9.491e+07 -4.000e-03 0.996580

질병명...38\_137 9.007e+15 8.219e+07 1.096e+08 < 2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 8.897e+00 1.034e+01 8.600e-01 0.389604

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 -5.126e-01 2.869e-01 -1.787e+00 0.073988 .

질병명...38\_173 -1.280e+00 5.998e-01 -2.133e+00 0.032906 \*

질병명...38\_174 1.418e-01 7.249e-01 1.960e-01 0.844932

질병명...38\_175 1.401e-01 2.441e-01 5.740e-01 0.566095

질병명...38\_177 -7.305e-01 6.755e-01 -1.081e+00 0.279564

질병명...38\_178 4.840e-01 1.267e+00 3.820e-01 0.702477

질병명...38\_179 -6.807e+04 3.875e+07 -2.000e-03 0.998598

질병명...38\_180 NA NA NA NA

질병명...38\_181 1.499e+01 5.121e+02 2.900e-02 0.976653

질병명...38\_184 NA NA NA NA

질병명...38\_186 -4.309e+15 1.022e+14 -4.216e+01 < 2e-16 \*\*\*

질병명...38\_188 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_190 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_191 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_192 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_201 1.944e+14 1.022e+14 1.902e+00 0.057198 .

질병명...38\_300 1.944e+14 1.022e+14 1.902e+00 0.057198 .

산업재해인정여부...39\_0 -1.836e-01 1.291e-01 -1.422e+00 0.154926

산업재해인정여부...39\_1 -2.714e-01 2.127e-01 -1.276e+00 0.201957

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -1.177e+00 1.523e+00 -7.730e-01 0.439569

`주된 진단명...40\_2` -1.228e+00 9.301e-01 -1.320e+00 0.186735

`주된 진단명...40\_3` -1.700e-01 1.208e+00 -1.410e-01 0.888058

`주된 진단명...40\_4` -4.387e-01 5.363e-01 -8.180e-01 0.413370

`주된 진단명...40\_5` -5.576e-01 2.575e+00 -2.170e-01 0.828567

`주된 진단명...40\_6` -7.533e-02 3.755e-01 -2.010e-01 0.840994

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 7.426e-01 5.916e-01 1.255e+00 0.209360

`주된 진단명...40\_9` 3.743e-01 7.176e-01 5.220e-01 0.601971

`주된 진단명...40\_10` -3.341e-02 5.377e-01 -6.200e-02 0.950450

`주된 진단명...40\_11` -3.903e-01 4.358e-01 -8.960e-01 0.370440

`주된 진단명...40\_12` -1.979e-01 3.400e-01 -5.820e-01 0.560559

`주된 진단명...40\_13` -7.108e-01 9.774e-01 -7.270e-01 0.467037

`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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2887.4 on 2601 degrees of freedom

AIC: 3133.4

**> summary(glm(b2$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=b2))**

Call:glm(formula = b2$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = b2)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.6043 -0.7988 -0.6562 1.0261 2.5856

Coefficients: (15 not defined because of singularities)

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

(Intercept) 0.601649 1.004561 0.599 0.549228

`물리치료-이용여부\_1` -0.264591 0.097826 -2.705 0.006837 \*\*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -0.373726 0.229143 -1.631 0.102896

평균음주량\_1 -0.654164 0.258865 -2.527 0.011503 \*

평균음주량\_2 -0.409124 0.272933 -1.499 0.133876

평균음주량\_3 -1.188886 0.372094 -3.195 0.001398 \*\*

평균음주량\_4 -0.668146 0.279522 -2.390 0.016834 \*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 0.997838 0.230539 4.328 1.50e-05 \*\*\*

`음식물 씹는데 불편감 여부\_2` 0.668120 0.190179 3.513 0.000443 \*\*\*

`음식물 씹는데 불편감 여부\_3` 0.544220 0.204813 2.657 0.007880 \*\*

`음식물 씹는데 불편감 여부\_4` 0.407879 0.197683 2.063 0.039084 \*

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -1.055195 0.305450 -3.455 0.000551 \*\*\*

`본인 체형 평가\_2` -0.871262 0.223878 -3.892 9.96e-05 \*\*\*

`본인 체형 평가\_3` -0.727315 0.205559 -3.538 0.000403 \*\*\*

`본인 체형 평가\_4` -0.536404 0.211769 -2.533 0.011310 \*

`본인 체형 평가\_5` NA NA NA NA

`EQ-5D (일상활동)\_0` -11.771487 535.411749 -0.022 0.982459

`EQ-5D (일상활동)\_1` -0.367594 0.369480 -0.995 0.319787

`EQ-5D (일상활동)\_2` -0.422493 0.352859 -1.197 0.231174

`EQ-5D (일상활동)\_3` NA NA NA NA

`건강관련서비스 이용여부\_1` -1.816168 0.630993 -2.878 0.003999 \*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.458515 0.375890 3.880 0.000104 \*\*\*

`2)이용\_만성질환관리\_2` NA NA NA NA

건강주치의\_필요서비스1\_0 -0.047994 0.308183 -0.156 0.876243

건강주치의\_필요서비스1\_1 -0.233333 0.274570 -0.850 0.395430

건강주치의\_필요서비스1\_2 0.608990 0.259756 2.344 0.019054 \*

건강주치의\_필요서비스1\_3 -0.345328 0.284084 -1.216 0.224142

건강주치의\_필요서비스1\_4 0.178569 0.420696 0.424 0.671229

건강주치의\_필요서비스1\_5 -0.038844 0.628376 -0.062 0.950708

건강주치의\_필요서비스1\_6 NA NA NA NA

건강주치의\_필요서비스2\_0 0.242538 0.268286 0.904 0.365981

건강주치의\_필요서비스2\_1 -0.103945 0.225130 -0.462 0.644289

건강주치의\_필요서비스2\_2 0.371787 0.222456 1.671 0.094666 .

건강주치의\_필요서비스2\_3 -0.270744 0.213689 -1.267 0.205156

건강주치의\_필요서비스2\_4 -0.376477 0.260597 -1.445 0.148550

건강주치의\_필요서비스2\_5 0.275562 0.345513 0.798 0.425134

건강주치의\_필요서비스2\_6 NA NA NA NA

`ADL - 보행\_0` -0.448259 757.186579 -0.001 0.999528

`ADL - 보행\_1` 1.146810 0.624750 1.836 0.066412 .

`ADL - 보행\_2` 1.103509 0.606519 1.819 0.068848 .

`ADL - 보행\_3` 1.410862 0.553761 2.548 0.010841 \*

`ADL - 보행\_4` NA NA NA NA

`ADL - 이동\_0` NA NA NA NA

`ADL - 이동\_1` -0.530983 0.671481 -0.791 0.429081

`ADL - 이동\_2` -0.348115 0.653292 -0.533 0.594128

`ADL - 이동\_3` -0.526186 0.578354 -0.910 0.362929

`ADL - 이동\_4` NA NA NA NA

`일상생활시 남의도움 정도\_1` -0.010610 0.503573 -0.021 0.983190

`일상생활시 남의도움 정도\_2` 0.009369 0.472852 0.020 0.984192

`일상생활시 남의도움 정도\_3` -0.153276 0.456966 -0.335 0.737307

`일상생활시 남의도움 정도\_4` 0.140913 0.423383 0.333 0.739266

`일상생활시 남의도움 정도\_5` NA NA NA NA

`주로 도와주는 사람\_0` -1.142296 0.738367 -1.547 0.121850

`주로 도와주는 사람\_1` -0.845505 0.726090 -1.164 0.244236

`주로 도와주는 사람\_2` -1.664837 0.966349 -1.723 0.084923 .

`주로 도와주는 사람\_3` -1.082981 0.735007 -1.473 0.140635

`주로 도와주는 사람\_4` -0.346984 0.903235 -0.384 0.700862

`주로 도와주는 사람\_6` -0.445829 1.172406 -0.380 0.703746

`주로 도와주는 사람\_7` -13.834321 374.626771 -0.037 0.970542

`주로 도와주는 사람\_8` -13.369337 361.718212 -0.037 0.970516

`주로 도와주는 사람\_9` 0.756977 1.631251 0.464 0.642614

`주로 도와주는 사람\_10` -1.200883 0.927816 -1.294 0.195558

`주로 도와주는 사람\_11` -1.487523 1.066575 -1.395 0.163114

`주로 도와주는 사람\_12` 0.370596 0.983903 0.377 0.706427

`주로 도와주는 사람\_13` -0.308841 0.892334 -0.346 0.729264

`주로 도와주는 사람\_14` -0.630317 0.743011 -0.848 0.396255

`주로 도와주는 사람\_15` 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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2926.1 on 2667 degrees of freedom

AIC: 3040.1

**> summary(glm(c2$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=c2))**

Call:glm(formula = c2$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = c2)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.7522 -0.8042 -0.7451 1.1619 2.2582

Coefficients: (19 not defined because of singularities)

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

(Intercept) -1.611e+12 3.625e+12 -0.444 0.65677

`상지의지-소지\_1` 9.133e-01 3.473e-01 2.630 0.00855 \*\*

`상지의지-소지\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 6.367e-01 2.923e-01 2.178 0.02938 \*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`수동휠체어-필요\_1` 5.264e-01 1.931e-01 2.726 0.00642 \*\*

`수동휠체어-필요\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.505e+00 5.509e-01 -2.732 0.00629 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -2.081e+02 3.356e+07 0.000 1.00000

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -3.069e+03 5.126e+07 0.000 0.99995

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-소지\_1` 3.190e+13 2.886e+13 1.105 0.26901

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` -3.190e+13 2.886e+13 -1.105 0.26901

`상하지운동기구-사용\_2` -3.190e+13 2.886e+13 -1.105 0.26901

`팔받침대-사용\_0` 1.611e+12 3.625e+12 0.444 0.65677

`팔받침대-사용\_1` 1.611e+12 3.625e+12 0.444 0.65677

`팔받침대-사용\_2` 1.611e+12 3.625e+12 0.444 0.65677

`기립보조기구-필요\_1` 3.984e-01 3.147e-01 1.266 0.20554

`기립보조기구-필요\_2` NA NA NA NA

`이동변기-필요\_1` -7.376e-01 4.444e-01 -1.660 0.09693 .

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` 1.861e+00 6.247e-01 2.979 0.00289 \*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.266e+00 6.217e-01 -2.036 0.04174 \*

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.239e+00 4.784e-01 -2.590 0.00960 \*\*

사용빈도\_1 -5.895e-01 3.783e-01 -1.558 0.11921

사용빈도\_2 -5.430e-01 4.069e-01 -1.334 0.18210

사용빈도\_3 -6.554e-01 4.421e-01 -1.483 0.13820

사용빈도\_4 -7.224e-01 5.006e-01 -1.443 0.14902

사용빈도\_5 -1.256e+00 5.614e-01 -2.237 0.02530 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -6.722e-01 3.671e-01 -1.831 0.06709 .

`1일 이용시간\_2` -2.556e-01 3.212e-01 -0.796 0.42609

`1일 이용시간\_3` -5.391e-01 3.086e-01 -1.747 0.08064 .

`1일 이용시간\_4` -7.045e-01 3.427e-01 -2.056 0.03981 \*

`1일 이용시간\_5` -1.257e+00 4.535e-01 -2.771 0.00558 \*\*

`1일 이용시간\_6` -7.161e-01 4.661e-01 -1.536 0.12446

`1일 이용시간\_7` -1.142e+00 5.406e-01 -2.113 0.03459 \*

`1일 이용시간\_8` -8.424e-01 3.958e-01 -2.129 0.03330 \*

`1일 이용시간\_9` NA NA NA NA

`휴대폰 사용 여부\_1` 1.766e-01 9.863e-02 1.791 0.07334 .

`휴대폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` -3.593e-01 1.274e-01 -2.820 0.00481 \*\*

`검퓨터 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: 3111.0 on 2723 degrees of freedom

Residual deviance: 3015.5 on 2691 degrees of freedom

AIC: 3081.5

**3차 시행**

**> summary(glm(a3$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=a3))**

Call:glm(formula = a3$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = a3)

Deviance Residuals:

Min 1Q Median 3Q Max

-2.2030 -0.8156 -0.6678 0.9527 2.4525

Coefficients: (2 not defined because of singularities)

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

(Intercept) 1.486e+13 2.120e+13 7.010e-01 0.483249

생년 -1.651e+00 4.963e-01 -3.326e+00 0.000881 \*\*\*

`월 혈압약 일수` 4.555e-01 9.857e-02 4.621e+00 3.82e-06 \*\*\*

`키(센티)` -1.815e+00 4.889e-01 -3.712e+00 0.000206 \*\*\*

`몸무게(kg)` 2.205e+01 5.187e+00 4.252e+00 2.12e-05 \*\*\*

`가구 유형<U+00A0>\_11` 9.472e+00 9.026e+01 1.050e-01 0.916418

`가구 유형<U+00A0>\_19` 9.319e+00 9.026e+01 1.030e-01 0.917773

`가구 유형<U+00A0>\_21` 9.301e+00 9.026e+01 1.030e-01 0.917923

`가구 유형<U+00A0>\_22` 1.018e+01 9.026e+01 1.130e-01 0.910170

`가구 유형<U+00A0>\_23` 9.176e+00 9.026e+01 1.020e-01 0.919024

`가구 유형<U+00A0>\_24` 9.712e+00 9.026e+01 1.080e-01 0.914313

`가구 유형<U+00A0>\_25` 9.362e+00 9.027e+01 1.040e-01 0.917397

`가구 유형<U+00A0>\_26` 1.000e+01 9.026e+01 1.110e-01 0.911754

`가구 유형<U+00A0>\_27` 4.504e+15 6.711e+07 6.711e+07 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 9.291e+00 9.026e+01 1.030e-01 0.918018

`가구 유형<U+00A0>\_29` 9.075e+00 9.026e+01 1.010e-01 0.919910

`가구 유형<U+00A0>\_31` 9.847e+00 9.026e+01 1.090e-01 0.913130

`가구 유형<U+00A0>\_32` 9.344e+00 9.026e+01 1.040e-01 0.917550

`가구 유형<U+00A0>\_39` 9.473e+00 9.026e+01 1.050e-01 0.916413

`가구 유형<U+00A0>\_40` 9.534e+00 9.026e+01 1.060e-01 0.915876

`가구 유형<U+00A0>\_50` NA NA NA NA

`가장 불편한부위\_11` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_12` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_13` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_14` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_15` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_16` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_17` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_18` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_19` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_21` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_22` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_23` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_24` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_25` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_26` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_27` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_31` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_32` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_33` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_34` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_35` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_36` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_37` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_38` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_41` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_42` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_43` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_44` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_45` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_46` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`가장 불편한부위\_47` -1.486e+13 2.120e+13 -7.010e-01 0.483249

`장애주된 원인\_10` -2.392e+01 8.872e+04 0.000e+00 0.999785

`장애주된 원인\_14` 2.097e-01 1.148e+00 1.830e-01 0.855015

`장애주된 원인\_15` -2.465e+01 2.069e+05 0.000e+00 0.999905

`장애주된 원인\_17` 2.001e+00 1.170e+00 1.710e+00 0.087324 .

`장애주된 원인\_31` -2.418e+01 2.806e+05 0.000e+00 0.999931

`장애주된 원인\_40` 8.029e-01 9.855e-01 8.150e-01 0.415199

`장애주된 원인\_43` 9.422e-01 1.349e+00 6.990e-01 0.484842

`장애주된 원인\_46` 3.283e+00 1.189e+00 2.761e+00 0.005762 \*\*

`장애주된 원인\_47` -2.513e+01 3.743e+05 0.000e+00 0.999946

`장애주된 원인\_48` 3.337e-01 8.642e-01 3.860e-01 0.699387

`장애주된 원인\_49` -1.738e-01 1.169e+00 -1.490e-01 0.881819

`장애주된 원인\_50` 1.116e-01 8.869e-01 1.260e-01 0.899868

`장애주된 원인\_51` 2.808e+01 2.121e+05 0.000e+00 0.999894

`장애주된 원인\_60` 1.014e+00 1.251e+00 8.110e-01 0.417566

`장애주된 원인\_61` 3.097e-01 8.873e-01 3.490e-01 0.727052

`장애주된 원인\_62` 3.266e-01 8.708e-01 3.750e-01 0.707585

`장애주된 원인\_63` 1.272e-01 8.875e-01 1.430e-01 0.886078

`장애주된 원인\_64` 7.320e-02 9.298e-01 7.900e-02 0.937253

`장애주된 원인\_65` 7.294e-01 1.054e+00 6.920e-01 0.488734

`장애주된 원인\_66` 6.002e-01 1.059e+00 5.670e-01 0.571032

`장애주된 원인\_67` 3.070e-02 1.475e+00 2.100e-02 0.983396

`장애주된 원인\_68` -1.122e-01 1.001e+00 -1.120e-01 0.910751

`장애주된 원인\_69` 3.962e-01 8.628e-01 4.590e-01 0.646122

`장애주된 원인\_70` -2.470e+01 3.679e+05 0.000e+00 0.999946

`장애주된 원인\_71` 9.700e-01 1.498e+00 6.480e-01 0.517284

`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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2939.9 on 2648 degrees of freedom

AIC: 3091.9

**> summary(glm(b3$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=b3))**

Call:glm(formula = b3$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = b3)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.9452 -0.7991 -0.6369 0.7762 2.5258

Coefficients: (20 not defined because of singularities)

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

(Intercept) -8.545e+12 2.319e+13 -0.368 0.712513

질병명...38\_0 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_102 -4.495e+15 2.319e+13 -193.838 < 2e-16 \*\*\*

질병명...38\_103 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_105 1.192e+13 2.319e+13 0.514 0.607177

질병명...38\_108 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_109 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_134 -4.495e+15 2.319e+13 -193.838 < 2e-16 \*\*\*

질병명...38\_137 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_139 -4.495e+15 2.319e+13 -193.838 < 2e-16 \*\*\*

질병명...38\_156 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_159 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_166 -4.495e+15 2.319e+13 -193.838 < 2e-16 \*\*\*

질병명...38\_171 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_173 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_174 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_175 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_177 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_178 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_179 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_180 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_181 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_184 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_186 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_188 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_190 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_191 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_192 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_201 8.545e+12 2.319e+13 0.368 0.712513

질병명...38\_300 8.545e+12 2.319e+13 0.368 0.712513

`물리치료-이용여부\_1` -2.486e-01 1.014e-01 -2.453 0.014175 \*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -3.927e-01 2.381e-01 -1.649 0.099134 .

평균음주량\_1 -6.828e-01 2.659e-01 -2.567 0.010249 \*

평균음주량\_2 -4.329e-01 2.802e-01 -1.545 0.122308

평균음주량\_3 -1.309e+00 3.905e-01 -3.354 0.000798 \*\*\*

평균음주량\_4 -6.564e-01 2.864e-01 -2.292 0.021883 \*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 9.669e-01 2.347e-01 4.120 3.79e-05 \*\*\*

`음식물 씹는데 불편감 여부\_2` 6.277e-01 1.940e-01 3.236 0.001213 \*\*

`음식물 씹는데 불편감 여부\_3` 4.920e-01 2.081e-01 2.364 0.018088 \*

`음식물 씹는데 불편감 여부\_4` 3.448e-01 2.000e-01 1.724 0.084663 .

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -1.126e+00 3.112e-01 -3.620 0.000295 \*\*\*

`본인 체형 평가\_2` -9.491e-01 2.276e-01 -4.170 3.04e-05 \*\*\*

`본인 체형 평가\_3` -8.073e-01 2.086e-01 -3.871 0.000109 \*\*\*

`본인 체형 평가\_4` -6.190e-01 2.142e-01 -2.890 0.003850 \*\*

`본인 체형 평가\_5` NA NA NA NA

`건강관련서비스 이용여부\_1` -1.627e+00 6.579e-01 -2.473 0.013392 \*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.489e+00 3.781e-01 3.938 8.23e-05 \*\*\*

`2)이용\_만성질환관리\_2` NA NA NA NA

건강주치의\_필요서비스1\_0 6.945e-02 2.464e-01 0.282 0.778069

건강주치의\_필요서비스1\_1 -1.379e-01 2.698e-01 -0.511 0.609321

건강주치의\_필요서비스1\_2 3.794e-01 2.526e-01 1.502 0.133208

건강주치의\_필요서비스1\_3 -2.785e-01 2.831e-01 -0.984 0.325125

건강주치의\_필요서비스1\_4 3.979e-01 4.200e-01 0.947 0.343483

건강주치의\_필요서비스1\_5 -1.313e-01 6.310e-01 -0.208 0.835183

건강주치의\_필요서비스1\_6 NA NA NA NA

`ADL - 보행\_0` -2.321e+01 3.352e+05 0.000 0.999945

`ADL - 보행\_1` 5.206e-01 3.543e-01 1.469 0.141729

`ADL - 보행\_2` 6.218e-01 3.513e-01 1.770 0.076705 .

`ADL - 보행\_3` 9.131e-01 3.842e-01 2.377 0.017473 \*

`ADL - 보행\_4` NA NA NA NA

`상지의지-소지\_1` 1.034e+00 3.736e-01 2.767 0.005649 \*\*

`상지의지-소지\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 7.227e-01 3.108e-01 2.325 0.020050 \*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`수동휠체어-필요\_1` 3.886e-01 2.278e-01 1.705 0.088109 .

`수동휠체어-필요\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.669e+00 5.535e-01 -3.015 0.002569 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`이동변기-소지\_1` 1.435e+00 5.524e-01 2.597 0.009405 \*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.504e+00 6.192e-01 -2.428 0.015163 \*

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.369e+00 5.174e-01 -2.647 0.008132 \*\*

사용빈도\_1 -7.463e-01 4.010e-01 -1.861 0.062709 .

사용빈도\_2 -6.413e-01 4.298e-01 -1.492 0.135644

사용빈도\_3 -7.919e-01 4.660e-01 -1.699 0.089281 .

사용빈도\_4 -6.653e-01 5.212e-01 -1.277 0.201767

사용빈도\_5 -1.364e+00 5.848e-01 -2.332 0.019680 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -8.688e-01 3.988e-01 -2.179 0.029366 \*

`1일 이용시간\_2` -3.784e-01 3.524e-01 -1.074 0.282932

`1일 이용시간\_3` -6.135e-01 3.389e-01 -1.810 0.070223 .

`1일 이용시간\_4` -8.826e-01 3.753e-01 -2.352 0.018679 \*

`1일 이용시간\_5` -1.388e+00 4.877e-01 -2.847 0.004414 \*\*

`1일 이용시간\_6` -1.016e+00 5.083e-01 -1.999 0.045598 \*

`1일 이용시간\_7` -1.287e+00 5.729e-01 -2.246 0.024681 \*

`1일 이용시간\_8` -9.687e-01 4.263e-01 -2.272 0.023057 \*

`1일 이용시간\_9` NA NA NA NA

`검퓨터 사용 여부\_1` -3.302e-01 1.318e-01 -2.505 0.012252 \*

`검퓨터 사용 여부\_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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2843.4 on 2647 degrees of freedom

AIC: 2997.4

**4차 시행**

**> summary(glm(a4$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=a4))**

Call:glm(formula = a4$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = a4)

Deviance Residuals:

Min 1Q Median 3Q Max

-2.1868 -0.8195 -0.6732 1.1357 2.1553

Coefficients: (1 not defined because of singularities)

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

(Intercept) -4.265e+12 1.473e+13 -0.290 0.772183

생년 -1.811e+00 4.806e-01 -3.767 0.000165 \*\*\*

`월 혈압약 일수` 4.582e-01 9.717e-02 4.715 2.41e-06 \*\*\*

`키(센티)` -1.828e+00 4.810e-01 -3.801 0.000144 \*\*\*

`몸무게(kg)` 2.288e+01 5.099e+00 4.487 7.24e-06 \*\*\*

`가구 유형<U+00A0>\_11` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_19` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_21` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_22` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_23` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_24` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_25` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_26` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_27` 4.508e+15 1.473e+13 305.977 < 2e-16 \*\*\*

`가구 유형<U+00A0>\_28` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_29` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_31` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_32` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_39` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_40` 4.265e+12 1.473e+13 0.290 0.772183

`가구 유형<U+00A0>\_50` 4.265e+12 1.473e+13 0.290 0.772183

`장애주된 원인\_10` -2.429e+01 1.211e+05 0.000 0.999840

`장애주된 원인\_14` 5.544e-01 1.022e+00 0.543 0.587355

`장애주된 원인\_15` -2.490e+01 2.528e+05 0.000 0.999921

`장애주된 원인\_17` 1.640e+00 1.056e+00 1.553 0.120510

`장애주된 원인\_31` -2.435e+01 3.183e+05 0.000 0.999939

`장애주된 원인\_40` 1.011e+00 9.057e-01 1.116 0.264505

`장애주된 원인\_43` 1.396e+00 1.281e+00 1.090 0.275895

`장애주된 원인\_46` 3.545e+00 1.094e+00 3.241 0.001191 \*\*

`장애주된 원인\_47` -2.468e+01 3.581e+05 0.000 0.999945

`장애주된 원인\_48` 4.309e-01 7.794e-01 0.553 0.580381

`장애주된 원인\_49` 1.938e-01 1.105e+00 0.175 0.860825

`장애주된 원인\_50` 3.614e-01 8.008e-01 0.451 0.651761

`장애주된 원인\_51` 2.776e+01 2.305e+05 0.000 0.999904

`장애주된 원인\_60` 1.101e+00 1.186e+00 0.928 0.353441

`장애주된 원인\_61` 4.546e-01 8.076e-01 0.563 0.573522

`장애주된 원인\_62` 5.219e-01 7.914e-01 0.659 0.509599

`장애주된 원인\_63` 3.602e-01 8.076e-01 0.446 0.655561

`장애주된 원인\_64` 1.852e-01 8.525e-01 0.217 0.828036

`장애주된 원인\_65` 9.071e-01 9.623e-01 0.943 0.345850

`장애주된 원인\_66` 7.292e-01 9.854e-01 0.740 0.459338

`장애주된 원인\_67` 1.260e-01 1.394e+00 0.090 0.928004

`장애주된 원인\_68` 1.282e-01 9.261e-01 0.138 0.889861

`장애주된 원인\_69` 6.164e-01 7.815e-01 0.789 0.430220

`장애주된 원인\_70` -2.460e+01 3.589e+05 0.000 0.999945

`장애주된 원인\_71` 1.323e+00 1.449e+00 0.913 0.361144

`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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2970.5 on 2678 degrees of freedom

AIC: 3062.5

**> summary(glm(b4$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=b4))**

Call:glm(formula = b4$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = b4)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.5748 -0.8104 -0.6828 1.0960 2.4758

Coefficients: (4 not defined because of singularities)

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

(Intercept) -7.883e+12 2.826e+13 -0.279 0.780292

질병명...38\_0 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_102 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_103 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_105 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_108 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_109 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_134 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_137 4.511e+15 2.826e+13 159.638 < 2e-16 \*\*\*

질병명...38\_139 -4.496e+15 2.826e+13 -159.080 < 2e-16 \*\*\*

질병명...38\_156 4.511e+15 2.826e+13 159.638 < 2e-16 \*\*\*

질병명...38\_159 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_166 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_171 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_173 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_174 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_175 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_177 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_178 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_179 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_180 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_181 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_184 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_186 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_188 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_190 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_191 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_192 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_201 7.883e+12 2.826e+13 0.279 0.780292

질병명...38\_300 7.883e+12 2.826e+13 0.279 0.780292

`물리치료-이용여부\_1` -2.037e-01 9.683e-02 -2.104 0.035389 \*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -3.301e-01 2.279e-01 -1.449 0.147431

평균음주량\_1 -7.079e-01 2.569e-01 -2.755 0.005862 \*\*

평균음주량\_2 -5.062e-01 2.705e-01 -1.871 0.061299 .

평균음주량\_3 -1.361e+00 3.803e-01 -3.578 0.000347 \*\*\*

평균음주량\_4 -7.417e-01 2.771e-01 -2.676 0.007449 \*\*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 1.216e+00 2.245e-01 5.416 6.11e-08 \*\*\*

`음식물 씹는데 불편감 여부\_2` 8.131e-01 1.866e-01 4.358 1.31e-05 \*\*\*

`음식물 씹는데 불편감 여부\_3` 6.833e-01 2.016e-01 3.389 0.000702 \*\*\*

`음식물 씹는데 불편감 여부\_4` 4.820e-01 1.952e-01 2.469 0.013535 \*

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -9.743e-01 2.975e-01 -3.275 0.001057 \*\*

`본인 체형 평가\_2` -8.758e-01 2.191e-01 -3.998 6.40e-05 \*\*\*

`본인 체형 평가\_3` -7.098e-01 2.004e-01 -3.542 0.000397 \*\*\*

`본인 체형 평가\_4` -5.354e-01 2.062e-01 -2.596 0.009428 \*\*

`본인 체형 평가\_5` NA NA NA NA

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

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 3111.0 on 2723 degrees of freedom

Residual deviance: 2958.8 on 2680 degrees of freedom

AIC: 3046.8

**> summary(glm(c4$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=c4))**

Call:glm(formula = c4$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = c4)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.7725 -0.7782 -0.7301 1.1554 2.4777

Coefficients: (14 not defined because of singularities)

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

(Intercept) 0.3891 0.7140 0.545 0.58572

`건강관련서비스 이용여부\_1` -1.8497 0.6193 -2.987 0.00282 \*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.5882 0.3720 4.269 1.96e-05 \*\*\*

`2)이용\_만성질환관리\_2` NA NA NA NA

`ADL - 보행\_0` -10.5338 324.7444 -0.032 0.97412

`ADL - 보행\_1` 0.1049 0.3020 0.347 0.72843

`ADL - 보행\_2` 0.2547 0.3051 0.835 0.40387

`ADL - 보행\_3` 0.7744 0.3507 2.208 0.02722 \*

`ADL - 보행\_4` NA NA NA NA

`상지의지-소지\_1` 1.0101 0.3544 2.850 0.00437 \*\*

`상지의지-소지\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 0.6281 0.2914 2.156 0.03112 \*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.6915 0.5410 -3.127 0.00177 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`이동변기-소지\_1` 1.3727 0.5365 2.558 0.01051 \*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.3499 0.5986 -2.255 0.02413 \*

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.2719 0.4928 -2.581 0.00985 \*\*

사용빈도\_1 -0.6051 0.3843 -1.575 0.11534

사용빈도\_2 -0.5109 0.4118 -1.241 0.21468

사용빈도\_3 -0.6822 0.4474 -1.525 0.12728

사용빈도\_4 -0.6865 0.5050 -1.360 0.17397

사용빈도\_5 -1.2251 0.5655 -2.166 0.03028 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -0.7895 0.3762 -2.099 0.03586 \*

`1일 이용시간\_2` -0.3319 0.3329 -0.997 0.31878

`1일 이용시간\_3` -0.5855 0.3198 -1.831 0.06714 .

`1일 이용시간\_4` -0.7329 0.3508 -2.089 0.03669 \*

`1일 이용시간\_5` -1.2799 0.4582 -2.794 0.00521 \*\*

`1일 이용시간\_6` -0.9181 0.4744 -1.935 0.05296 .

`1일 이용시간\_7` -1.2376 0.5467 -2.264 0.02358 \*

`1일 이용시간\_8` -0.9631 0.4049 -2.378 0.01738 \*

`1일 이용시간\_9` NA NA NA NA

`검퓨터 사용 여부\_1` -0.3944 0.1203 -3.279 0.00104 \*\*

`검퓨터 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: 3111.0 on 2723 degrees of freedom

Residual deviance: 2998.3 on 2697 degrees of freedom

AIC: 3052.3