**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

-1.3879 -0.8123 -0.6691 1.2565 2.2191

Coefficients: (5 not defined because of singularities)

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

(Intercept) -1.704e+13 6.184e+13 -0.276 0.782873

생년 -2.120e+00 5.987e-01 -3.542 0.000398 \*\*\*

`장애등록 연도` 3.027e+01 1.745e+01 1.734 0.082886 .

`본인을 포함한 총 가구원수` 1.066e+00 9.562e-01 1.115 0.264922

`본인을 포함한 총 장애인수` 1.260e-01 3.805e-01 0.331 0.740577

`월 평균 총가구소득` -3.175e-01 1.512e+00 -0.210 0.833697

`가구 주된 수입원` 1.075e-01 1.573e-01 0.683 0.494585

`가구 월평균 지출액` 4.809e-01 9.394e-01 0.512 0.608719

`장애발생시 연령...36` -1.232e-01 2.980e-01 -0.414 0.679222

`월 혈압약 일수` 4.748e-01 9.896e-02 4.798 1.60e-06 \*\*\*

`관절통증 정도` -2.556e-01 1.515e-01 -1.688 0.091493 .

`운동 시간(분)` 3.271e-01 4.665e-01 0.701 0.483126

`키(센티)` -1.797e+00 4.908e-01 -3.661 0.000251 \*\*\*

`몸무게(kg)` 2.166e+01 5.332e+00 4.062 4.88e-05 \*\*\*

성별\_1 1.668e-01 1.089e-01 1.531 0.125695

성별\_2 NA NA NA NA

`장애등록 여부\_1` -3.007e+01 1.738e+01 -1.730 0.083626 .

`장애등록 여부\_2` NA NA NA NA

장애등급...20\_0 NA NA NA NA

장애등급...20\_1 3.905e-01 3.457e-01 1.130 0.258647

장애등급...20\_2 9.810e-02 2.352e-01 0.417 0.676590

장애등급...20\_3 2.353e-01 1.648e-01 1.428 0.153338

장애등급...20\_4 1.448e-01 1.366e-01 1.060 0.289009

장애등급...20\_5 6.226e-02 1.205e-01 0.517 0.605430

장애등급...20\_6 NA NA NA NA

`가구 유형<U+00A0>\_11` 1.460e+01 2.886e+02 0.051 0.959662

`가구 유형<U+00A0>\_19` 1.430e+01 2.886e+02 0.050 0.960485

`가구 유형<U+00A0>\_21` 1.424e+01 2.886e+02 0.049 0.960641

`가구 유형<U+00A0>\_22` 1.521e+01 2.886e+02 0.053 0.957977

`가구 유형<U+00A0>\_23` 1.434e+01 2.886e+02 0.050 0.960361

`가구 유형<U+00A0>\_24` 1.491e+01 2.886e+02 0.052 0.958794

`가구 유형<U+00A0>\_25` 1.408e+01 2.886e+02 0.049 0.961083

`가구 유형<U+00A0>\_26` 1.501e+01 2.886e+02 0.052 0.958529

`가구 유형<U+00A0>\_27` 7.367e+06 6.743e+07 0.109 0.912996

`가구 유형<U+00A0>\_28` 1.462e+01 2.886e+02 0.051 0.959587

`가구 유형<U+00A0>\_29` 1.434e+01 2.886e+02 0.050 0.960369

`가구 유형<U+00A0>\_31` 1.442e+01 2.886e+02 0.050 0.960156

`가구 유형<U+00A0>\_32` 1.420e+01 2.886e+02 0.049 0.960762

`가구 유형<U+00A0>\_39` 1.417e+01 2.886e+02 0.049 0.960848

`가구 유형<U+00A0>\_40` 1.485e+01 2.886e+02 0.051 0.958968

`가구 유형<U+00A0>\_50` NA NA NA NA

`주택 형태\_1` 1.704e+13 6.184e+13 0.276 0.782873

`주택 형태\_2` 1.704e+13 6.184e+13 0.276 0.782873

`주택 형태\_3` 1.704e+13 6.184e+13 0.276 0.782873

`주택 형태\_4` 1.704e+13 6.184e+13 0.276 0.782873

`주택 형태\_5` 1.704e+13 6.184e+13 0.276 0.782873

`주택 형태\_6` 1.704e+13 6.184e+13 0.276 0.782873

---

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: 2996.6 on 2682 degrees of freedom

AIC: 3080.6

**> 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

-1.4800 -0.8115 -0.7298 1.2662 2.0941

Coefficients: (4 not defined because of singularities)

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

(Intercept) -4.051e+12 3.800e+12 -1.066 0.2865

`장애부위(상지)...31\_0` 8.123e-02 3.709e-01 0.219 0.8267

`장애부위(상지)...31\_1` -7.736e-02 3.306e-01 -0.234 0.8150

`장애부위(상지)...31\_2` 6.956e-02 3.415e-01 0.204 0.8386

`장애부위(상지)...31\_3` NA NA NA NA

`장애부위(하지)...32\_0` -2.855e-03 2.523e-01 -0.011 0.9910

`장애부위(하지)...32\_1` -3.867e-02 1.633e-01 -0.237 0.8129

`장애부위(하지)...32\_2` -7.176e-02 1.665e-01 -0.431 0.6665

`장애부위(하지)...32\_3` NA NA NA NA

`장애부위(척추)...33\_0` 4.135e-01 2.328e-01 1.776 0.0757 .

`장애부위(척추)...33\_1` NA NA NA NA

`가장 불편한부위\_11` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_12` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_13` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_14` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_15` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_16` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_17` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_18` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_19` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_21` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_22` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_23` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_24` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_25` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_26` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_27` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_31` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_32` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_33` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_34` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_35` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_36` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_37` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_38` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_41` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_42` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_43` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_44` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_45` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_46` 4.051e+12 3.800e+12 1.066 0.2865

`가장 불편한부위\_47` 4.051e+12 3.800e+12 1.066 0.2865

장애발생시기...35\_1 -4.611e-01 6.906e-01 -0.668 0.5044

장애발생시기...35\_2 -4.238e-01 4.467e-01 -0.949 0.3428

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: 3111.0 on 2723 degrees of freedom

Residual deviance: 3099.6 on 2683 degrees of freedom

AIC: 3181.6

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

-1.4921 -0.8155 -0.7475 1.1490 2.1549

Coefficients: (9 not defined because of singularities)

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

(Intercept) -1.677e+00 8.852e-01 -1.895e+00 0.0581 .

`장애주된 원인\_10` -8.736e+04 2.237e+07 -4.000e-03 0.9969

`장애주된 원인\_14` 6.190e-01 1.014e+00 6.100e-01 0.5417

`장애주된 원인\_15` -7.626e+00 1.144e+03 -7.000e-03 0.9947

`장애주된 원인\_17` 1.905e+00 1.069e+00 1.782e+00 0.0748 .

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

`장애주된 원인\_40` 1.189e+13 1.836e+13 6.480e-01 0.5172

`장애주된 원인\_43` -4.504e+15 6.711e+07 -6.710e+07 <2e-16 \*\*\*

`장애주된 원인\_46` 1.635e+00 1.323e+00 1.236e+00 0.2164

`장애주된 원인\_47` -4.504e+15 6.711e+07 -6.710e+07 <2e-16 \*\*\*

`장애주된 원인\_48` 9.239e-01 8.665e-01 1.066e+00 0.2864

`장애주된 원인\_49` -2.692e+13 5.078e+13 -5.300e-01 0.5960

`장애주된 원인\_50` 1.189e+13 1.836e+13 6.480e-01 0.5172

`장애주된 원인\_51` 2.828e+01 2.365e+05 0.000e+00 0.9999

`장애주된 원인\_60` 1.254e+00 1.218e+00 1.030e+00 0.3031

`장애주된 원인\_61` 7.665e-01 8.756e-01 8.750e-01 0.3814

`장애주된 원인\_62` 8.088e-01 8.652e-01 9.350e-01 0.3499

`장애주된 원인\_63` 6.190e-01 8.804e-01 7.030e-01 0.4820

`장애주된 원인\_64` 4.307e-01 9.172e-01 4.700e-01 0.6386

`장애주된 원인\_65` 1.150e+00 1.017e+00 1.131e+00 0.2580

`장애주된 원인\_66` 1.042e+00 1.024e+00 1.018e+00 0.3088

`장애주된 원인\_67` 7.308e-01 1.443e+00 5.060e-01 0.6126

`장애주된 원인\_68` 6.771e-01 9.688e-01 6.990e-01 0.4846

`장애주된 원인\_69` 8.586e-01 8.590e-01 9.990e-01 0.3176

`장애주된 원인\_70` -2.448e+01 3.931e+05 0.000e+00 1.0000

`장애주된 원인\_71` 1.038e+00 1.503e+00 6.900e-01 0.4899

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_103 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_105 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_108 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_109 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_134 0.000e+00 9.491e+07 0.000e+00 1.0000

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

질병명...38\_139 NA NA NA NA

질병명...38\_156 2.651e+01 1.036e+05 0.000e+00 0.9998

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 -6.324e-02 2.444e-01 -2.590e-01 0.7958

질병명...38\_173 -1.155e+00 5.714e-01 -2.020e+00 0.0433 \*

질병명...38\_174 2.491e-01 7.067e-01 3.520e-01 0.7245

질병명...38\_175 1.946e-01 2.343e-01 8.310e-01 0.4061

질병명...38\_177 -6.614e-01 5.699e-01 -1.161e+00 0.2458

질병명...38\_178 4.935e-01 1.242e+00 3.970e-01 0.6911

질병명...38\_179 -2.555e+01 2.021e+05 0.000e+00 0.9999

질병명...38\_180 NA NA NA NA

질병명...38\_181 2.692e+13 5.078e+13 5.300e-01 0.5960

질병명...38\_184 2.692e+13 5.078e+13 5.300e-01 0.5960

질병명...38\_186 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_188 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_190 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_191 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_192 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_201 -1.189e+13 1.836e+13 -6.480e-01 0.5172

질병명...38\_300 -1.189e+13 1.836e+13 -6.480e-01 0.5172

산업재해인정여부...39\_0 -1.523e-01 1.237e-01 -1.231e+00 0.2183

산업재해인정여부...39\_1 -2.914e-01 2.053e-01 -1.420e+00 0.1557

산업재해인정여부...39\_2 NA NA NA NA

`주된 진단명...40\_1` -4.432e-01 1.302e+00 -3.400e-01 0.7336

`주된 진단명...40\_2` -1.131e+00 8.173e-01 -1.384e+00 0.1664

`주된 진단명...40\_3` -6.032e-01 1.151e+00 -5.240e-01 0.6002

`주된 진단명...40\_4` -6.049e-01 4.995e-01 -1.211e+00 0.2259

`주된 진단명...40\_5` 1.121e-01 2.195e+00 5.100e-02 0.9593

`주된 진단명...40\_6` 5.678e-02 3.522e-01 1.610e-01 0.8719

`주된 진단명...40\_7` NA NA NA NA

`주된 진단명...40\_8` 1.918e-01 3.321e-01 5.780e-01 0.5635

`주된 진단명...40\_9` 4.401e-01 6.885e-01 6.390e-01 0.5227

`주된 진단명...40\_10` 1.511e-04 5.169e-01 0.000e+00 0.9998

`주된 진단명...40\_11` -3.932e-01 3.772e-01 -1.042e+00 0.2972

`주된 진단명...40\_12` -1.115e-01 3.196e-01 -3.490e-01 0.7271

`주된 진단명...40\_13` -3.381e-02 8.325e-01 -4.100e-02 0.9676

`주된 진단명...40\_14` 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: 3004.4 on 2660 degrees of freedom

AIC: 3132.4

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

-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

---

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(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

-2.409e-06 -2.409e-06 -2.409e-06 2.409e-06 2.409e-06

Coefficients: (18 not defined because of singularities)

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

(Intercept) 2.657e+01 5.855e+05 0.000 1.000

`혈압약 복용 여부\_0` 2.561e-12 6.742e+04 0.000 1.000

`혈압약 복용 여부\_1` -1.220e-12 6.747e+04 0.000 1.000

`혈압약 복용 여부\_2` NA NA NA NA

`혈당관리 치료 여부\_0` -5.313e+01 8.274e+04 -0.001 0.999

`혈당관리 치료 여부\_1` 9.409e-09 1.263e+05 0.000 1.000

`혈당관리 치료 여부\_2` NA NA NA NA

`혈당치료 - 인슐린주사\_0` NA NA NA NA

`혈당치료 - 인슐린주사\_1` 2.288e-09 5.889e+04 0.000 1.000

`혈당치료 - 인슐린주사\_2` NA NA NA NA

`혈당치료 - 당뇨병약\_0` NA NA NA NA

`혈당치료 - 당뇨병약\_1` -5.230e-09 9.485e+04 0.000 1.000

`혈당치료 - 당뇨병약\_2` NA NA NA NA

`혈당치료 - 비약물요법\_0` NA NA NA NA

`혈당치료 - 비약물요법\_1` 5.182e-09 2.989e+04 0.000 1.000

`혈당치료 - 비약물요법\_2` NA NA NA NA

`혈당치료 - 기타\_0` NA NA NA NA

`혈당치료 - 기타\_1` 4.629e-06 2.065e+05 0.000 1.000

`혈당치료 - 기타\_2` NA NA NA NA

`우울증 치료 여부\_0` 4.031e-12 5.778e+04 0.000 1.000

`우울증 치료 여부\_1` -1.110e-12 6.619e+04 0.000 1.000

`우울증 치료 여부\_2` NA NA NA NA

`암 종류1\_0` 4.974e-12 6.342e+04 0.000 1.000

`암 종류1\_1` -1.136e-11 1.101e+05 0.000 1.000

`암 종류1\_2` -1.029e-11 1.129e+05 0.000 1.000

`암 종류1\_3` -1.229e-11 1.115e+05 0.000 1.000

`암 종류1\_4` 6.126e-12 1.173e+05 0.000 1.000

`암 종류1\_5` 1.906e-10 1.968e+05 0.000 1.000

`암 종류1\_6` 1.210e-12 1.292e+05 0.000 1.000

`암 종류1\_7` -8.367e-12 1.408e+05 0.000 1.000

`암 종류1\_8` 6.549e-12 1.587e+05 0.000 1.000

`암 종류1\_9` -4.629e-06 5.166e+05 0.000 1.000

`암 종류1\_10` NA NA NA NA

`암 종류2\_0` 5.174e-10 2.210e+05 0.000 1.000

`암 종류2\_2` 5.358e-10 4.294e+05 0.000 1.000

`암 종류2\_3` 2.206e-08 4.223e+05 0.000 1.000

`암 종류2\_4` 5.348e-10 6.738e+05 0.000 1.000

`암 종류2\_6` 5.349e-10 4.217e+05 0.000 1.000

`암 종류2\_8` 4.630e-06 4.221e+05 0.000 1.000

`암 종류2\_9` 5.358e-10 4.294e+05 0.000 1.000

`암 종류2\_10` NA NA NA NA

`암 종류3\_0` 9.315e-13 5.199e+05 0.000 1.000

`암 종류3\_6` NA NA NA NA

`암 종류3\_10` NA NA NA NA

`지난 2주간 아팠음 여부\_1` -2.068e-13 3.348e+04 0.000 1.000

`지난 2주간 아팠음 여부\_2` NA NA NA NA

`지난 2주간 아팠던 날수\_0` NA NA NA NA

`지난 2주간 아팠던 날수\_1` 4.460e-13 1.467e+05 0.000 1.000

`지난 2주간 아팠던 날수\_2` -2.946e-12 8.488e+04 0.000 1.000

`지난 2주간 아팠던 날수\_3` -2.091e-12 7.262e+04 0.000 1.000

`지난 2주간 아팠던 날수\_4` -4.016e-12 1.084e+05 0.000 1.000

`지난 2주간 아팠던 날수\_5` -2.587e-12 6.831e+04 0.000 1.000

`지난 2주간 아팠던 날수\_6` -2.946e-12 1.785e+05 0.000 1.000

`지난 2주간 아팠던 날수\_7` -2.946e-12 8.488e+04 0.000 1.000

`지난 2주간 아팠던 날수\_8` -2.946e-12 2.521e+05 0.000 1.000

`지난 2주간 아팠던 날수\_10` -2.946e-12 1.133e+05 0.000 1.000

`지난 2주간 아팠던 날수\_12` -1.256e-12 1.264e+05 0.000 1.000

`지난 2주간 아팠던 날수\_14` NA NA NA NA

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 3.1110e+03 on 2723 degrees of freedom

Residual deviance: 1.5804e-08 on 2684 degrees of freedom

AIC: 80

Number of Fisher Scoring iterations: 25

**> 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

-1.4215 -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

---

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(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

-1.5873 -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

---

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(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

-1.6730 -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

---

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(i1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=i1))**

Call:glm(formula = i1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = i1)

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

---

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

Number of Fisher Scoring iterations: 25

**> summary(glm(j1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=j1))**

Call:glm(formula = j1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = j1)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.5433 -0.7647 -0.7647 1.1530 2.2057

Coefficients: (60 not defined because of singularities)

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

(Intercept) -1.07988 0.04721 -22.873 < 2e-16 \*\*\*

`보청기 - 필요\_1` -0.09533 0.31878 -0.299 0.764917

`보청기 - 필요\_2` NA NA NA NA

`보청기 - 소지\_1` -1.09931 0.83954 -1.309 0.190394

`보청기 - 소지\_2` NA NA NA NA

`보청기 - 사용\_0` NA NA NA NA

`보청기 - 사용\_1` 1.11078 0.85741 1.296 0.195145

`보청기 - 사용\_2` NA NA NA NA

`의사소통 보조기기-필요\_1` -13.22412 442.76298 -0.030 0.976173

`의사소통 보조기기-필요\_2` NA NA NA NA

`의사소통 보조기기-소지\_1` 45.23263 1709.27796 0.026 0.978888

`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` 0.31974 0.59071 0.541 0.588307

`욕창방지용매트-필요\_2` NA NA NA NA

`욕창방지용매트-소지\_1` 0.12858 1.56571 0.082 0.934549

`욕창방지용매트-소지\_2` NA NA NA NA

`욕창방지용매트-사용\_0` NA NA NA NA

`욕창방지용매트-사용\_1` -0.93299 1.52563 -0.612 0.540842

`욕창방지용매트-사용\_2` NA NA NA NA

`욕창방지용방석-필요\_1` -0.58110 0.70839 -0.820 0.412039

`욕창방지용방석-필요\_2` NA NA NA NA

`욕창방지용방석-소지\_1` -1.26468 1.54982 -0.816 0.414489

`욕창방지용방석-소지\_2` NA NA NA NA

`욕창방지용방석-사용\_0` NA NA NA NA

`욕창방지용방석-사용\_1` 1.74474 1.66776 1.046 0.295489

`욕창방지용방석-사용\_2` NA NA NA NA

`침대(전동 및 수동)-필요...603\_1` 0.17573 0.29115 0.604 0.546128

`침대(전동 및 수동)-필요...603\_2` NA NA NA NA

`침대(전동 및 수동)-필요...604\_1` 1.60735 1.34172 1.198 0.230925

`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` -0.91685 1.37020 -0.669 0.503408

`침대(전동 및 수동)-사용\_2` NA NA NA NA

`기립보조기구-필요\_1` 0.80868 0.37309 2.168 0.030193 \*

`기립보조기구-필요\_2` NA NA NA NA

`기립보조기구-소지\_1` -1.36490 0.83802 -1.629 0.103371

`기립보조기구-소지\_2` NA NA NA NA

`기립보조기구-사용\_0` NA NA NA NA

`기립보조기구-사용\_1` NA NA NA NA

`기저귀매트-필요\_1` -1.51334 0.86318 -1.753 0.079566 .

`기저귀매트-필요\_2` NA NA NA NA

`기저귀매트-소지\_1` 1.61363 0.93618 1.724 0.084773 .

`기저귀매트-소지\_2` NA NA NA NA

`기저귀매트-사용\_0` NA NA NA NA

`기저귀매트-사용\_1` NA NA NA NA

`목욕의자및이동욕조-필요\_1` -0.16597 0.25928 -0.640 0.522096

`목욕의자및이동욕조-필요\_2` NA NA NA NA

`목욕의자및이동욕조-소지\_1` -0.34800 1.29148 -0.269 0.787575

`목욕의자및이동욕조-소지\_2` NA NA NA NA

`목욕의자및이동욕조-사용\_0` NA NA NA NA

`목욕의자및이동욕조-사용\_1` 0.93285 1.31311 0.710 0.477450

`목욕의자및이동욕조-사용\_2` NA NA NA NA

`이동변기-필요\_1` -1.09488 0.54506 -2.009 0.044565 \*

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` 2.75427 0.73000 3.773 0.000161 \*\*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.41140 0.67707 -2.085 0.037109 \*

`이동변기-사용\_2` NA NA NA NA

`특수키보드-필요\_1` 16.74083 882.74354 0.019 0.984869

`특수키보드-필요\_2` NA NA NA NA

`특수키보드-소지\_1` -31.97881 1248.38811 -0.026 0.979564

`특수키보드-소지\_2` NA NA NA NA

`특수키보드-사용\_0` NA NA NA NA

`특수키보드-사용\_1` NA NA NA NA

`특수마우스-필요\_1` -30.92358 1080.33333 -0.029 0.977164

`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` 0.58035 0.37509 1.547 0.121805

`각종스위치-필요\_2` NA NA NA NA

`각종스위치-소지\_1` -14.09580 441.21549 -0.032 0.974514

`각종스위치-소지\_2` NA NA NA NA

`각종스위치-사용\_0` NA NA NA NA

`각종스위치-사용\_1` NA NA NA NA

`음성인식장치-필요\_1` 2.80449 1.34792 2.081 0.037471 \*

`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` -15.96893 882.74390 -0.018 0.985567

`터치스크린,스크린키보드-필요\_2` NA NA NA NA

`터치스크린,스크린키보드-소지\_1` 2.07112 1248.38820 0.002 0.998676

`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` -1.25918 0.91407 -1.378 0.168342

`환경제어장치-필요\_2` NA NA NA NA

`환경제어장치-소지\_1` 16.66250 619.10846 0.027 0.978529

`환경제어장치-소지\_2` NA NA NA NA

`환경제어장치-사용\_0` NA NA NA NA

`환경제어장치-사용\_1` 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: 3051.2 on 2689 degrees of freedom

AIC: 3121.2

**> summary(glm(k1$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=k1))**

Call:glm(formula = k1$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = k1)

Deviance Residuals:

Min 1Q Median 3Q Max

-8.4904 -0.7928 -0.7255 1.2541 2.1167

Coefficients: (56 not defined because of singularities)

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

(Intercept) 1.260e-01 4.915e-01 2.560e-01 0.79767

`이동식 전동리프트-필요\_1` -1.166e+01 1.178e+02 -9.900e-02 0.92114

`이동식 전동리프트-필요\_2` NA NA NA NA

`이동식 전동리프트-소지\_1` 7.140e-01 2.311e+02 3.000e-03 0.99754

`이동식 전동리프트-소지\_2` NA NA NA NA

`이동식 전동리프트-사용\_0` NA NA NA NA

`이동식 전동리프트-사용\_1` NA NA NA NA

`주택개조-필요\_1` -2.210e-01 2.077e-01 -1.064e+00 0.28728

`주택개조-필요\_2` NA NA NA NA

`주택개조-소지\_1` 2.524e-01 7.664e-01 3.290e-01 0.74187

`주택개조-소지\_2` NA NA NA NA

`주택개조-사용\_0` NA NA NA NA

`주택개조-사용\_1` NA NA NA NA

`장애인용의복-필요\_1` 7.064e-01 1.524e+00 4.640e-01 0.64293

`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` 1.255e+00 8.440e-01 1.487e+00 0.13692

`자동차개조,운전보조장치-필요\_2` NA NA NA NA

`자동차개조,운전보조장치-소지\_1` -1.280e+00 1.073e+00 -1.192e+00 0.23313

`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` -1.139e-01 2.646e-01 -4.310e-01 0.66677

`경보시스템-필요\_2` NA NA NA NA

`경보시스템-소지\_1` 9.651e-01 1.462e+00 6.600e-01 0.50911

`경보시스템-소지\_2` NA NA NA NA

`경보시스템-사용\_0` NA NA NA NA

`경보시스템-사용\_1` -7.448e-01 1.513e+00 -4.920e-01 0.62248

`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` -1.130e+01 3.396e+02 -3.300e-02 0.97345

`레크레이션용보조기구-필요\_2` NA NA NA NA

`레크레이션용보조기구-소지\_2` NA NA NA NA

`레크레이션용보조기구-사용\_0` NA NA NA NA

`배회감지기-필요\_1` 8.802e-01 8.719e-01 1.010e+00 0.31273

`배회감지기-필요\_2` NA NA NA NA

`배회감지기-소지\_2` NA NA NA NA

`배회감지기-사용\_0` NA NA NA NA

`안전손잡이-필요\_1` -4.838e-02 1.859e-01 -2.600e-01 0.79473

`안전손잡이-필요\_2` NA NA NA NA

`안전손잡이-소지\_1` 1.147e+00 1.441e+00 7.960e-01 0.42618

`안전손잡이-소지\_2` NA NA NA NA

`안전손잡이-사용\_0` NA NA NA NA

`안전손잡이-사용\_1` -8.061e-01 1.472e+00 -5.480e-01 0.58393

`안전손잡이-사용\_2` NA NA NA NA

`음식,음료섭취용 보조기구-필요\_1` -1.109e+01 1.228e+02 -9.000e-02 0.92804

`음식,음료섭취용 보조기구-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 2.252e+15 4.745e+07 4.745e+07 < 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` 2.745e+01 3.359e+05 0.000e+00 0.99993

`기타-필요...666\_2` NA NA NA NA

`기타-소지...667\_1` -5.348e+01 4.051e+05 0.000e+00 0.99989

`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` 5.304e-01 1.241e+00 4.270e-01 0.66904

`산소발생기-필요...669\_2` NA NA NA NA

`산소발생기-소지...670\_1` -4.077e-01 1.781e+00 -2.290e-01 0.81897

`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` -2.529e+01 3.776e+05 0.000e+00 0.99995

`인공호흡기-필요...672\_2` NA NA NA NA

`인공호흡기-소지...673\_1` -5.415e-01 5.339e+05 0.000e+00 1.00000

`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 -1.498e+00 4.830e-01 -3.102e+00 0.00192 \*\*

사용빈도\_1 -5.495e-01 3.792e-01 -1.449e+00 0.14728

사용빈도\_2 -5.195e-01 4.079e-01 -1.274e+00 0.20278

사용빈도\_3 -6.031e-01 4.407e-01 -1.368e+00 0.17118

사용빈도\_4 -6.855e-01 5.019e-01 -1.366e+00 0.17201

사용빈도\_5 -1.159e+00 5.581e-01 -2.076e+00 0.03787 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -9.248e-01 3.705e-01 -2.496e+00 0.01255 \*

`1일 이용시간\_2` -4.358e-01 3.295e-01 -1.323e+00 0.18600

`1일 이용시간\_3` -7.770e-01 3.152e-01 -2.465e+00 0.01369 \*

`1일 이용시간\_4` -9.546e-01 3.511e-01 -2.719e+00 0.00655 \*\*

`1일 이용시간\_5` -1.423e+00 4.628e-01 -3.074e+00 0.00211 \*\*

`1일 이용시간\_6` -9.276e-01 4.741e-01 -1.957e+00 0.05039 .

`1일 이용시간\_7` -1.257e+00 5.450e-01 -2.306e+00 0.02109 \*

`1일 이용시간\_8` -9.700e-01 4.050e-01 -2.395e+00 0.01662 \*

`1일 이용시간\_9` NA NA NA NA

`이용경험-상담과 평가\_1` 1.310e-01 1.262e-01 1.038e+00 0.29925

`이용경험-상담과 평가\_2` NA NA NA NA

`휴대폰 사용 여부\_1` 3.759e-01 1.608e-01 2.337e+00 0.01943 \*

`휴대폰 사용 여부\_2` NA NA NA NA

`스마트폰 사용 여부\_1` 2.412e-01 1.770e-01 1.362e+00 0.17310

`스마트폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` -5.045e-01 2.073e-01 -2.433e+00 0.01497 \*

`검퓨터 사용 여부\_2` NA NA NA NA

`인터넷 사용 여부\_1` 1.385e-01 2.014e-01 6.870e-01 0.49177

`인터넷 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: 3106.5 on 2681 degrees of freedom

AIC: 3192.5

**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

-8.4904 -0.8215 -0.6708 1.0055 2.3777

Coefficients: (6 not defined because of singularities)

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

(Intercept) -1.255e+00 8.158e-01 -1.538e+00 0.124062

생년 -1.834e+00 4.767e-01 -3.848e+00 0.000119 \*\*\*

`월 혈압약 일수` 4.583e-01 9.771e-02 4.691e+00 2.72e-06 \*\*\*

`키(센티)` -1.837e+00 4.881e-01 -3.764e+00 0.000167 \*\*\*

`몸무게(kg)` 2.241e+01 5.142e+00 4.358e+00 1.31e-05 \*\*\*

`장애주된 원인\_10` -4.504e+15 2.237e+07 -2.013e+08 < 2e-16 \*\*\*

`장애주된 원인\_14` 5.227e-01 1.025e+00 5.100e-01 0.610266

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

`장애주된 원인\_17` 1.595e+00 1.054e+00 1.513e+00 0.130275

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

`장애주된 원인\_40` -5.219e+13 6.243e+13 -8.360e-01 0.403183

`장애주된 원인\_43` -1.634e-02 2.156e+00 -8.000e-03 0.993955

`장애주된 원인\_46` 1.347e+00 1.275e+00 1.056e+00 0.291002

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

`장애주된 원인\_48` 5.769e-01 7.954e-01 7.250e-01 0.468263

`장애주된 원인\_49` 6.148e+14 4.619e+14 1.331e+00 0.183185

`장애주된 원인\_50` -5.219e+13 6.243e+13 -8.360e-01 0.403190

`장애주된 원인\_51` 3.380e+03 4.745e+07 0.000e+00 0.999943

`장애주된 원인\_60` 1.107e+00 1.178e+00 9.400e-01 0.347335

`장애주된 원인\_61` 5.158e-01 8.074e-01 6.390e-01 0.522962

`장애주된 원인\_62` 5.436e-01 7.905e-01 6.880e-01 0.491621

`장애주된 원인\_63` 3.984e-01 8.073e-01 4.930e-01 0.621674

`장애주된 원인\_64` 1.973e-01 8.509e-01 2.320e-01 0.816628

`장애주된 원인\_65` 9.097e-01 9.615e-01 9.460e-01 0.344092

`장애주된 원인\_66` 7.512e-01 9.838e-01 7.640e-01 0.445115

`장애주된 원인\_67` 1.690e-01 1.409e+00 1.200e-01 0.904557

`장애주된 원인\_68` 3.101e-01 9.096e-01 3.410e-01 0.733145

`장애주된 원인\_69` 6.541e-01 7.804e-01 8.380e-01 0.402008

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

`장애주된 원인\_71` 1.449e+00 1.450e+00 9.990e-01 0.317760

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 5.219e+13 6.243e+13 8.360e-01 0.403183

질병명...38\_103 5.219e+13 6.243e+13 8.360e-01 0.403183

질병명...38\_105 5.219e+13 6.243e+13 8.360e-01 0.403183

질병명...38\_108 5.219e+13 6.243e+13 8.360e-01 0.403183

질병명...38\_109 5.219e+13 6.243e+13 8.360e-01 0.403183

질병명...38\_134 -9.908e+00 4.333e+00 -2.287e+00 0.022205 \*

질병명...38\_137 4.504e+15 4.745e+07 9.491e+07 < 2e-16 \*\*\*

질병명...38\_139 NA NA NA NA

질병명...38\_156 4.504e+15 2.023e+07 2.226e+08 < 2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 -1.188e-01 2.107e-01 -5.640e-01 0.572717

질병명...38\_173 -8.882e-01 5.599e-01 -1.586e+00 0.112654

질병명...38\_174 1.961e-01 7.450e-01 2.630e-01 0.792327

질병명...38\_175 -9.539e-02 2.025e-01 -4.710e-01 0.637645

질병명...38\_177 -8.781e-01 5.620e-01 -1.562e+00 0.118204

질병명...38\_178 3.676e-01 1.241e+00 2.960e-01 0.767134

질병명...38\_179 -4.504e+15 3.875e+07 -1.162e+08 < 2e-16 \*\*\*

질병명...38\_180 NA NA NA NA

질병명...38\_181 -6.148e+14 4.619e+14 -1.331e+00 0.183185

질병명...38\_184 -5.118e+15 4.619e+14 -1.108e+01 < 2e-16 \*\*\*

질병명...38\_186 5.219e+13 6.243e+13 8.360e-01 0.403190

질병명...38\_188 5.219e+13 6.243e+13 8.360e-01 0.403190

질병명...38\_190 5.219e+13 6.243e+13 8.360e-01 0.403190

질병명...38\_191 5.219e+13 6.243e+13 8.360e-01 0.403190

질병명...38\_192 5.219e+13 6.243e+13 8.360e-01 0.403190

질병명...38\_201 5.219e+13 6.243e+13 8.360e-01 0.403190

질병명...38\_300 5.219e+13 6.243e+13 8.360e-01 0.403190

---

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: 3238.4 on 2670 degrees of freedom

AIC: 3346.4

**> 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

-1.7660 -0.8290 -0.6682 1.1023 3.2781

Coefficients: (12 not defined because of singularities)

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

(Intercept) -4.992e+13 6.224e+13 -8.020e-01 0.422504

산업재해인정여부...39\_0 -3.079e-01 1.090e-01 -2.826e+00 0.004718 \*\*

`건강보험가입여부 및 형태\_1` 1.831e+13 2.461e+13 7.440e-01 0.457041

`건강보험가입여부 및 형태\_2` 1.831e+13 2.461e+13 7.440e-01 0.457037

`건강보험가입여부 및 형태\_3` 1.831e+13 2.461e+13 7.440e-01 0.457047

`건강보험가입여부 및 형태\_4` 1.831e+13 2.461e+13 7.440e-01 0.457035

`건강보험가입여부 및 형태\_5` 1.831e+13 2.461e+13 7.440e-01 0.457050

`현재 지속적 진료여부\_1` 2.686e+00 5.619e-01 4.780e+00 1.75e-06 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` 1.015e-01 1.175e+00 8.600e-02 0.931117

`주관적 건강 평가\_2` -3.306e-01 2.300e-01 -1.438e+00 0.150549

`주관적 건강 평가\_3` -3.557e-01 1.690e-01 -2.104e+00 0.035391 \*

`주관적 건강 평가\_4` -5.731e-02 1.456e-01 -3.940e-01 0.693833

`주관적 건강 평가\_5` NA NA NA NA

사고발생내용1\_0 2.625e-01 5.259e-01 4.990e-01 0.617661

사고발생내용1\_1 -1.508e-01 6.979e-01 -2.160e-01 0.828957

사고발생내용1\_2 2.889e-01 5.669e-01 5.100e-01 0.610351

사고발생내용1\_3 1.046e+00 6.993e-01 1.495e+00 0.134825

사고발생내용1\_4 3.639e-01 8.674e-01 4.200e-01 0.674826

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

사고발생내용1\_6 1.719e+00 1.407e+00 1.222e+00 0.221583

사고발생내용1\_8 -2.877e-01 1.224e+00 -2.350e-01 0.814145

사고발생내용1\_10 NA NA NA NA

사고발생내용2\_0 3.161e+13 4.723e+13 6.690e-01 0.503275

사고발생내용2\_2 3.161e+13 4.723e+13 6.690e-01 0.503275

사고발생내용2\_3 3.161e+13 4.723e+13 6.690e-01 0.503275

사고발생내용2\_4 3.161e+13 4.723e+13 6.690e-01 0.503275

사고발생내용2\_10 3.161e+13 4.723e+13 6.690e-01 0.503275

`물리치료-이용여부\_1` -3.155e-01 9.691e-02 -3.255e+00 0.001134 \*\*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -3.806e-01 2.337e-01 -1.629e+00 0.103413

평균음주량\_1 -6.863e-01 2.618e-01 -2.621e+00 0.008765 \*\*

평균음주량\_2 -4.487e-01 2.762e-01 -1.625e+00 0.104226

평균음주량\_3 -1.171e+00 3.753e-01 -3.119e+00 0.001814 \*\*

평균음주량\_4 -6.859e-01 2.829e-01 -2.424e+00 0.015342 \*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 1.013e+00 2.305e-01 4.396e+00 1.10e-05 \*\*\*

`음식물 씹는데 불편감 여부\_2` 6.408e-01 1.914e-01 3.348e+00 0.000814 \*\*\*

`음식물 씹는데 불편감 여부\_3` 5.702e-01 2.055e-01 2.775e+00 0.005523 \*\*

`음식물 씹는데 불편감 여부\_4` 3.826e-01 1.978e-01 1.935e+00 0.053028 .

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -1.024e+00 2.997e-01 -3.415e+00 0.000638 \*\*\*

`본인 체형 평가\_2` -8.550e-01 2.213e-01 -3.863e+00 0.000112 \*\*\*

`본인 체형 평가\_3` -6.731e-01 2.033e-01 -3.310e+00 0.000931 \*\*\*

`본인 체형 평가\_4` -5.131e-01 2.091e-01 -2.454e+00 0.014131 \*

`본인 체형 평가\_5` NA NA NA NA

`EQ-5D (일상활동)\_0` -2.484e+01 2.221e+05 0.000e+00 0.999911

`EQ-5D (일상활동)\_1` -3.259e-01 2.497e-01 -1.305e+00 0.191835

`EQ-5D (일상활동)\_2` -3.112e-01 2.413e-01 -1.290e+00 0.197178

`EQ-5D (일상활동)\_3` NA NA NA NA

`건강관련서비스 이용여부\_1` -2.784e+00 7.281e-01 -3.824e+00 0.000131 \*\*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.125e+00 3.812e-01 2.952e+00 0.003154 \*\*

`2)이용\_만성질환관리\_2` NA NA NA NA

건강주치의\_필요서비스1\_0 1.520e-01 2.402e-01 6.330e-01 0.526981

건강주치의\_필요서비스1\_1 -1.253e-01 2.630e-01 -4.770e-01 0.633698

건강주치의\_필요서비스1\_2 4.074e-01 2.471e-01 1.648e+00 0.099274 .

건강주치의\_필요서비스1\_3 -2.191e-01 2.738e-01 -8.000e-01 0.423579

건강주치의\_필요서비스1\_4 3.425e-01 4.150e-01 8.250e-01 0.409169

건강주치의\_필요서비스1\_5 -1.953e-02 6.285e-01 -3.100e-02 0.975209

건강주치의\_필요서비스1\_6 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: 2899.5 on 2674 degrees of freedom

AIC: 2999.5

**> 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

-1.6795 -0.7678 -0.7195 1.1582 2.0369

Coefficients: (5 not defined because of singularities)

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

(Intercept) 0.062033 0.714674 0.087 0.93083

`ADL - 보행\_0` -13.628099 535.411645 -0.025 0.97969

`ADL - 보행\_1` 1.325489 0.609790 2.174 0.02973 \*

`ADL - 보행\_2` 1.327380 0.592571 2.240 0.02509 \*

`ADL - 보행\_3` 1.488206 0.543969 2.736 0.00622 \*\*

`ADL - 보행\_4` NA NA NA NA

`ADL - 이동\_0` NA NA NA NA

`ADL - 이동\_1` -0.972254 0.644287 -1.509 0.13129

`ADL - 이동\_2` -0.804489 0.626638 -1.284 0.19921

`ADL - 이동\_3` -0.725884 0.564067 -1.287 0.19814

`ADL - 이동\_4` NA NA NA NA

`일상생활시 남의도움 정도\_1` -0.173868 0.467103 -0.372 0.70972

`일상생활시 남의도움 정도\_2` -0.128578 0.436859 -0.294 0.76851

`일상생활시 남의도움 정도\_3` -0.304345 0.421736 -0.722 0.47051

`일상생활시 남의도움 정도\_4` -0.028801 0.399431 -0.072 0.94252

`일상생활시 남의도움 정도\_5` NA NA NA NA

`주로 도와주는 사람\_0` -1.460861 0.704737 -2.073 0.03818 \*

`주로 도와주는 사람\_1` -1.189950 0.692329 -1.719 0.08566 .

`주로 도와주는 사람\_2` -2.327423 0.919966 -2.530 0.01141 \*

`주로 도와주는 사람\_3` -1.326543 0.702172 -1.889 0.05887 .

`주로 도와주는 사람\_4` -0.863344 0.861646 -1.002 0.31636

`주로 도와주는 사람\_6` -0.655070 1.143081 -0.573 0.56659

`주로 도와주는 사람\_7` -13.855774 376.937433 -0.037 0.97068

`주로 도와주는 사람\_8` -13.419772 368.461037 -0.036 0.97095

`주로 도와주는 사람\_9` -0.235052 1.582284 -0.149 0.88191

`주로 도와주는 사람\_10` -1.472370 0.893976 -1.647 0.09956 .

`주로 도와주는 사람\_11` -2.002290 1.033864 -1.937 0.05278 .

`주로 도와주는 사람\_12` -0.004185 0.950619 -0.004 0.99649

`주로 도와주는 사람\_13` -0.419675 0.850500 -0.493 0.62170

`주로 도와주는 사람\_14` -0.799833 0.710187 -1.126 0.26007

`주로 도와주는 사람\_15` 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: 3056.5 on 2698 degrees of freedom

AIC: 3108.5

**> summary(glm(d2$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=d2))**

Call:glm(formula = d2$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = d2)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.7624 -0.7974 -0.7384 1.1674 2.2580

Coefficients: (21 not defined because of singularities)

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

(Intercept) 7.881e-02 4.789e-01 1.650e-01 0.86927

`상지의지-소지\_1` 9.040e-01 3.482e-01 2.596e+00 0.00943 \*\*

`상지의지-소지\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 6.301e-01 2.934e-01 2.147e+00 0.03176 \*

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`수동휠체어-필요\_1` 5.344e-01 1.940e-01 2.754e+00 0.00588 \*\*

`수동휠체어-필요\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.485e+00 5.427e-01 -2.736e+00 0.00622 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -1.094e+15 3.676e+07 -2.976e+07 < 2e-16 \*\*\*

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -3.410e+15 5.341e+07 -6.385e+07 < 2e-16 \*\*\*

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-소지\_1` 1.625e+13 1.425e+13 1.140e+00 0.25433

`상하지운동기구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` NA NA NA NA

`상하지운동기구-사용\_1` -1.625e+13 1.425e+13 -1.140e+00 0.25433

`상하지운동기구-사용\_2` 1.206e+15 1.425e+13 8.463e+01 < 2e-16 \*\*\*

`팔받침대-사용\_1` -2.588e+01 2.241e+05 0.000e+00 0.99991

`팔받침대-사용\_2` -1.351e+15 5.615e+07 -2.406e+07 < 2e-16 \*\*\*

`기립보조기구-필요\_1` 3.650e-01 3.175e-01 1.150e+00 0.25033

`기립보조기구-필요\_2` NA NA NA NA

`이동변기-필요\_1` -8.031e-01 4.611e-01 -1.742e+00 0.08158 .

`이동변기-필요\_2` NA NA NA NA

`이동변기-소지\_1` 1.910e+00 6.346e-01 3.009e+00 0.00262 \*\*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.242e+00 6.236e-01 -1.991e+00 0.04647 \*

`이동변기-사용\_2` NA NA NA NA

`음성인식장치-필요\_1` 1.753e+00 1.278e+00 1.371e+00 0.17028

`음성인식장치-필요\_2` NA NA NA NA

`음식,음료섭취용 보조기구-소지\_1` 2.909e-01 1.443e+00 2.020e-01 0.84027

`음식,음료섭취용 보조기구-소지\_2` NA NA NA NA

사용빈도\_0 -1.239e+00 4.798e-01 -2.582e+00 0.00981 \*\*

사용빈도\_1 -5.928e-01 3.790e-01 -1.564e+00 0.11774

사용빈도\_2 -5.519e-01 4.079e-01 -1.353e+00 0.17606

사용빈도\_3 -6.536e-01 4.431e-01 -1.475e+00 0.14019

사용빈도\_4 -7.222e-01 5.020e-01 -1.439e+00 0.15026

사용빈도\_5 -1.253e+00 5.632e-01 -2.224e+00 0.02614 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -6.682e-01 3.686e-01 -1.813e+00 0.06986 .

`1일 이용시간\_2` -2.578e-01 3.227e-01 -7.990e-01 0.42443

`1일 이용시간\_3` -5.382e-01 3.101e-01 -1.736e+00 0.08263 .

`1일 이용시간\_4` -7.159e-01 3.442e-01 -2.080e+00 0.03755 \*

`1일 이용시간\_5` -1.250e+00 4.560e-01 -2.741e+00 0.00612 \*\*

`1일 이용시간\_6` -7.129e-01 4.683e-01 -1.522e+00 0.12795

`1일 이용시간\_7` -1.137e+00 5.435e-01 -2.091e+00 0.03652 \*

`1일 이용시간\_8` -8.366e-01 3.977e-01 -2.104e+00 0.03539 \*

`1일 이용시간\_9` NA NA NA NA

`휴대폰 사용 여부\_1` 1.774e-01 9.906e-02 1.791e+00 0.07329 .

`휴대폰 사용 여부\_2` NA NA NA NA

`검퓨터 사용 여부\_1` -3.594e-01 1.280e-01 -2.808e+00 0.00498 \*\*

`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: 3013.3 on 2690 degrees of freedom

AIC: 3081.3

**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

-2.2530 -0.8185 -0.6746 1.2216 2.1158

Coefficients: (1 not defined because of singularities)

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

(Intercept) -1.24897 0.81528 -1.532 0.12554

생년 -1.93313 0.45374 -4.260 2.04e-05 \*\*\*

`월 혈압약 일수` 0.45496 0.09715 4.683 2.83e-06 \*\*\*

`키(센티)` -1.83955 0.48084 -3.826 0.00013 \*\*\*

`몸무게(kg)` 22.56550 5.09002 4.433 9.28e-06 \*\*\*

`장애주된 원인\_10` -12.10878 282.90409 -0.043 0.96586

`장애주된 원인\_14` 0.54859 1.02404 0.536 0.59216

`장애주된 원인\_15` -12.79538 610.59866 -0.021 0.98328

`장애주된 원인\_17` 1.61646 1.05635 1.530 0.12596

`장애주된 원인\_31` -12.67969 882.74372 -0.014 0.98854

`장애주된 원인\_40` 1.05825 0.90629 1.168 0.24294

`장애주된 원인\_43` 1.45619 1.28081 1.137 0.25557

`장애주된 원인\_46` 3.51073 1.09148 3.216 0.00130 \*\*

`장애주된 원인\_47` -12.60968 882.74372 -0.014 0.98860

`장애주된 원인\_48` 0.47341 0.78112 0.606 0.54448

`장애주된 원인\_49` 0.20879 1.11075 0.188 0.85090

`장애주된 원인\_50` 0.41117 0.80251 0.512 0.60840

`장애주된 원인\_51` 16.02819 622.27025 0.026 0.97945

`장애주된 원인\_60` 1.10817 1.18447 0.936 0.34949

`장애주된 원인\_61` 0.51291 0.80980 0.633 0.52649

`장애주된 원인\_62` 0.54321 0.79313 0.685 0.49341

`장애주된 원인\_63` 0.39597 0.80970 0.489 0.62482

`장애주된 원인\_64` 0.19599 0.85394 0.230 0.81847

`장애주된 원인\_65` 0.90922 0.96328 0.944 0.34523

`장애주된 원인\_66` 0.74803 0.98455 0.760 0.44739

`장애주된 원인\_67` 0.16689 1.40149 0.119 0.90521

`장애주된 원인\_68` 0.30664 0.91065 0.337 0.73633

`장애주된 원인\_69` 0.65186 0.78309 0.832 0.40518

`장애주된 원인\_70` -12.56899 882.74372 -0.014 0.98864

`장애주된 원인\_71` 1.44641 1.45454 0.994 0.32002

`장애주된 원인\_80` 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: 2984.5 on 2694 degrees of freedom

AIC: 3044.5

**> 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

-1.9853 -0.8117 -0.6569 0.9665 3.2780

Coefficients: (10 not defined because of singularities)

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

(Intercept) -1.583e+13 3.535e+13 -0.448 0.654321

질병명...38\_0 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_102 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_103 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_105 4.519e+15 3.535e+13 127.852 < 2e-16 \*\*\*

질병명...38\_108 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_109 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_134 -4.488e+15 3.535e+13 -126.956 < 2e-16 \*\*\*

질병명...38\_137 4.519e+15 3.535e+13 127.851 < 2e-16 \*\*\*

질병명...38\_139 -4.488e+15 3.535e+13 -126.956 < 2e-16 \*\*\*

질병명...38\_156 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_159 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_166 -4.488e+15 3.535e+13 -126.956 < 2e-16 \*\*\*

질병명...38\_171 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_173 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_174 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_175 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_177 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_178 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_179 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_180 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_181 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_184 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_186 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_188 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_190 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_191 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_192 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_201 1.583e+13 3.535e+13 0.448 0.654321

질병명...38\_300 1.583e+13 3.535e+13 0.448 0.654321

산업재해인정여부...39\_0 -2.757e-01 1.135e-01 -2.429 0.015151 \*

`현재 지속적 진료여부\_1` 2.674e+00 5.737e-01 4.661 3.15e-06 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` 3.622e-01 1.185e+00 0.306 0.759888

`주관적 건강 평가\_2` -3.073e-01 2.230e-01 -1.378 0.168211

`주관적 건강 평가\_3` -3.715e-01 1.606e-01 -2.313 0.020724 \*

`주관적 건강 평가\_4` -6.841e-02 1.409e-01 -0.486 0.627285

`주관적 건강 평가\_5` NA NA NA NA

사고발생내용1\_0 2.376e-01 5.200e-01 0.457 0.647667

사고발생내용1\_1 -2.752e-01 6.931e-01 -0.397 0.691299

사고발생내용1\_2 2.981e-01 5.612e-01 0.531 0.595328

사고발생내용1\_3 8.589e-01 6.738e-01 1.275 0.202427

사고발생내용1\_4 3.428e-01 8.596e-01 0.399 0.690066

사고발생내용1\_5 2.778e+01 3.909e+05 0.000 0.999943

사고발생내용1\_6 1.943e+00 1.395e+00 1.393 0.163695

사고발생내용1\_8 -1.029e-01 1.241e+00 -0.083 0.933940

사고발생내용1\_10 NA NA NA NA

`물리치료-이용여부\_1` -2.848e-01 9.892e-02 -2.879 0.003983 \*\*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -3.984e-01 2.357e-01 -1.690 0.091030 .

평균음주량\_1 -7.398e-01 2.638e-01 -2.805 0.005039 \*\*

평균음주량\_2 -5.209e-01 2.777e-01 -1.876 0.060714 .

평균음주량\_3 -1.290e+00 3.899e-01 -3.309 0.000938 \*\*\*

평균음주량\_4 -7.417e-01 2.845e-01 -2.607 0.009128 \*\*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 1.077e+00 2.334e-01 4.614 3.95e-06 \*\*\*

`음식물 씹는데 불편감 여부\_2` 6.929e-01 1.932e-01 3.587 0.000334 \*\*\*

`음식물 씹는데 불편감 여부\_3` 6.121e-01 2.071e-01 2.956 0.003117 \*\*

`음식물 씹는데 불편감 여부\_4` 4.027e-01 1.997e-01 2.017 0.043676 \*

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -1.025e+00 3.036e-01 -3.376 0.000735 \*\*\*

`본인 체형 평가\_2` -8.605e-01 2.225e-01 -3.867 0.000110 \*\*\*

`본인 체형 평가\_3` -6.698e-01 2.037e-01 -3.288 0.001010 \*\*

`본인 체형 평가\_4` -5.156e-01 2.097e-01 -2.460 0.013912 \*

`본인 체형 평가\_5` NA NA NA NA

`건강관련서비스 이용여부\_1` -2.585e+00 7.433e-01 -3.477 0.000507 \*\*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.070e+00 3.834e-01 2.791 0.005250 \*\*

`2)이용\_만성질환관리\_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: 2865.3 on 2664 degrees of freedom

AIC: 2985.3

**> summary(glm(c3$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=c3))**

Call:glm(formula = c3$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = c3)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.6550 -0.7691 -0.7281 1.0890 2.3454

Coefficients: (9 not defined because of singularities)

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

(Intercept) 1.344e+12 2.023e+12 6.640e-01 0.50648

`ADL - 보행\_0` -3.233e+01 6.711e+07 0.000e+00 1.00000

`ADL - 보행\_1` 4.827e-01 3.325e-01 1.452e+00 0.14657

`ADL - 보행\_2` 6.084e-01 3.266e-01 1.863e+00 0.06246 .

`ADL - 보행\_3` 9.327e-01 3.578e-01 2.607e+00 0.00914 \*\*

`ADL - 보행\_4` NA NA NA NA

`주로 도와주는 사람\_0` -1.426e+00 6.934e-01 -2.057e+00 0.03971 \*

`주로 도와주는 사람\_1` -1.162e+00 6.943e-01 -1.673e+00 0.09426 .

`주로 도와주는 사람\_2` -2.400e+00 9.223e-01 -2.603e+00 0.00925 \*\*

`주로 도와주는 사람\_3` -1.326e+00 7.042e-01 -1.883e+00 0.05974 .

`주로 도와주는 사람\_4` -8.259e-01 8.587e-01 -9.620e-01 0.33616

`주로 도와주는 사람\_6` -7.475e-01 1.148e+00 -6.510e-01 0.51487

`주로 도와주는 사람\_7` -2.629e+01 1.937e+05 0.000e+00 0.99989

`주로 도와주는 사람\_8` -5.863e+01 4.745e+07 0.000e+00 1.00000

`주로 도와주는 사람\_9` -4.762e-01 1.588e+00 -3.000e-01 0.76433

`주로 도와주는 사람\_10` -1.437e+00 8.940e-01 -1.607e+00 0.10797

`주로 도와주는 사람\_11` -1.830e+00 1.041e+00 -1.757e+00 0.07889 .

`주로 도와주는 사람\_12` -2.217e-02 9.501e-01 -2.300e-02 0.98138

`주로 도와주는 사람\_13` -2.167e-01 8.657e-01 -2.500e-01 0.80240

`주로 도와주는 사람\_14` -7.559e-01 7.146e-01 -1.058e+00 0.29016

`주로 도와주는 사람\_15` NA NA NA NA

`상지의지-소지\_1` 7.796e-01 3.402e-01 2.292e+00 0.02192 \*

`상지의지-소지\_2` NA NA NA NA

`맞춤형 교정용신발-필요\_1` 5.279e-01 2.849e-01 1.853e+00 0.06387 .

`맞춤형 교정용신발-필요\_2` NA NA NA NA

`수동휠체어-필요\_1` 4.145e-01 2.128e-01 1.948e+00 0.05141 .

`수동휠체어-필요\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.492e+00 5.331e-01 -2.799e+00 0.00513 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -4.504e+15 3.355e+07 -1.342e+08 < 2e-16 \*\*\*

`자세보조용구-사용\_2` NA NA NA NA

`자세보조용구-소지\_0` NA NA NA NA

`자세보조용구-소지\_1` -1.255e+05 5.126e+07 -2.000e-03 0.99805

`자세보조용구-소지\_2` NA NA NA NA

`상하지운동기구-사용\_0` -1.344e+12 2.023e+12 -6.640e-01 0.50648

`상하지운동기구-사용\_1` -1.344e+12 2.023e+12 -6.640e-01 0.50648

`상하지운동기구-사용\_2` -1.344e+12 2.023e+12 -6.640e-01 0.50648

`팔받침대-사용\_1` -2.452e+01 1.983e+05 0.000e+00 0.99990

`팔받침대-사용\_2` -1.484e+01 1.434e+03 -1.000e-02 0.99174

---

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: 3030.9 on 2694 degrees of freedom

AIC: 3090.9

**> summary(glm(d3$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=d3))**

Call:glm(formula = d3$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = d3)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.678 -0.772 -0.772 1.317 2.136

Coefficients: (7 not defined because of singularities)

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

(Intercept) 0.2251 0.4693 0.480 0.631390

`이동변기-소지\_1` 1.2257 0.5102 2.402 0.016285 \*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.1749 0.5773 -2.035 0.041845 \*

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.2833 0.4715 -2.722 0.006490 \*\*

사용빈도\_1 -0.5465 0.3781 -1.445 0.148372

사용빈도\_2 -0.4572 0.4062 -1.126 0.260356

사용빈도\_3 -0.5576 0.4394 -1.269 0.204466

사용빈도\_4 -0.6133 0.4980 -1.231 0.218188

사용빈도\_5 -1.1815 0.5588 -2.114 0.034496 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -0.7592 0.3570 -2.126 0.033466 \*

`1일 이용시간\_2` -0.3238 0.3111 -1.041 0.297923

`1일 이용시간\_3` -0.5710 0.2980 -1.916 0.055358 .

`1일 이용시간\_4` -0.7237 0.3332 -2.172 0.029860 \*

`1일 이용시간\_5` -1.2544 0.4451 -2.818 0.004827 \*\*

`1일 이용시간\_6` -0.7244 0.4570 -1.585 0.112970

`1일 이용시간\_7` -1.0974 0.5322 -2.062 0.039189 \*

`1일 이용시간\_8` -0.8019 0.3881 -2.066 0.038809 \*

`1일 이용시간\_9` NA NA NA NA

`검퓨터 사용 여부\_1` -0.4153 0.1182 -3.515 0.000441 \*\*\*

`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 on 2723 degrees of freedom

Residual deviance: 3061 on 2706 degrees of freedom

AIC: 3097

**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

-2.2530 -0.8185 -0.6746 1.2216 2.1158

Coefficients: (1 not defined because of singularities)

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

(Intercept) -1.24897 0.81528 -1.532 0.12554

생년 -1.93313 0.45374 -4.260 2.04e-05 \*\*\*

`월 혈압약 일수` 0.45496 0.09715 4.683 2.83e-06 \*\*\*

`키(센티)` -1.83955 0.48084 -3.826 0.00013 \*\*\*

`몸무게(kg)` 22.56550 5.09002 4.433 9.28e-06 \*\*\*

`장애주된 원인\_10` -12.10878 282.90409 -0.043 0.96586

`장애주된 원인\_14` 0.54859 1.02404 0.536 0.59216

`장애주된 원인\_15` -12.79538 610.59866 -0.021 0.98328

`장애주된 원인\_17` 1.61646 1.05635 1.530 0.12596

`장애주된 원인\_31` -12.67969 882.74372 -0.014 0.98854

`장애주된 원인\_40` 1.05825 0.90629 1.168 0.24294

`장애주된 원인\_43` 1.45619 1.28081 1.137 0.25557

`장애주된 원인\_46` 3.51073 1.09148 3.216 0.00130 \*\*

`장애주된 원인\_47` -12.60968 882.74372 -0.014 0.98860

`장애주된 원인\_48` 0.47341 0.78112 0.606 0.54448

`장애주된 원인\_49` 0.20879 1.11075 0.188 0.85090

`장애주된 원인\_50` 0.41117 0.80251 0.512 0.60840

`장애주된 원인\_51` 16.02819 622.27025 0.026 0.97945

`장애주된 원인\_60` 1.10817 1.18447 0.936 0.34949

`장애주된 원인\_61` 0.51291 0.80980 0.633 0.52649

`장애주된 원인\_62` 0.54321 0.79313 0.685 0.49341

`장애주된 원인\_63` 0.39597 0.80970 0.489 0.62482

`장애주된 원인\_64` 0.19599 0.85394 0.230 0.81847

`장애주된 원인\_65` 0.90922 0.96328 0.944 0.34523

`장애주된 원인\_66` 0.74803 0.98455 0.760 0.44739

`장애주된 원인\_67` 0.16689 1.40149 0.119 0.90521

`장애주된 원인\_68` 0.30664 0.91065 0.337 0.73633

`장애주된 원인\_69` 0.65186 0.78309 0.832 0.40518

`장애주된 원인\_70` -12.56899 882.74372 -0.014 0.98864

`장애주된 원인\_71` 1.44641 1.45454 0.994 0.32002

`장애주된 원인\_80` 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: 2984.5 on 2694 degrees of freedom

AIC: 3044.5

**> 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

-1.9905 -0.8135 -0.6676 0.9997 3.2738

Coefficients: (9 not defined because of singularities)

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

(Intercept) -1.343e+12 1.671e+13 -0.080 0.935976

질병명...38\_0 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_102 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_103 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_105 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_108 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_109 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_134 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_137 4.505e+15 1.671e+13 269.551 < 2e-16 \*\*\*

질병명...38\_139 -4.502e+15 1.671e+13 -269.391 < 2e-16 \*\*\*

질병명...38\_156 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_159 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_166 -4.502e+15 1.671e+13 -269.391 < 2e-16 \*\*\*

질병명...38\_171 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_173 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_174 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_175 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_177 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_178 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_179 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_180 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_181 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_184 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_186 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_188 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_190 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_191 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_192 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_201 1.343e+12 1.671e+13 0.080 0.935976

질병명...38\_300 1.343e+12 1.671e+13 0.080 0.935976

산업재해인정여부...39\_0 -2.773e-01 1.130e-01 -2.453 0.014155 \*

`현재 지속적 진료여부\_1` 2.679e+00 5.703e-01 4.697 2.64e-06 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` 3.471e-01 1.181e+00 0.294 0.768798

`주관적 건강 평가\_2` -3.105e-01 2.218e-01 -1.400 0.161596

`주관적 건강 평가\_3` -3.714e-01 1.595e-01 -2.328 0.019892 \*

`주관적 건강 평가\_4` -7.687e-02 1.400e-01 -0.549 0.582975

`주관적 건강 평가\_5` NA NA NA NA

`물리치료-이용여부\_1` -2.823e-01 9.837e-02 -2.870 0.004109 \*\*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -3.884e-01 2.344e-01 -1.657 0.097518 .

평균음주량\_1 -7.443e-01 2.625e-01 -2.835 0.004578 \*\*

평균음주량\_2 -5.151e-01 2.765e-01 -1.863 0.062431 .

평균음주량\_3 -1.275e+00 3.882e-01 -3.285 0.001018 \*\*

평균음주량\_4 -7.321e-01 2.834e-01 -2.583 0.009786 \*\*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 1.046e+00 2.315e-01 4.519 6.21e-06 \*\*\*

`음식물 씹는데 불편감 여부\_2` 6.760e-01 1.911e-01 3.537 0.000404 \*\*\*

`음식물 씹는데 불편감 여부\_3` 5.993e-01 2.055e-01 2.917 0.003537 \*\*

`음식물 씹는데 불편감 여부\_4` 3.991e-01 1.980e-01 2.016 0.043798 \*

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -9.669e-01 3.013e-01 -3.210 0.001329 \*\*

`본인 체형 평가\_2` -8.504e-01 2.219e-01 -3.832 0.000127 \*\*\*

`본인 체형 평가\_3` -6.753e-01 2.032e-01 -3.323 0.000892 \*\*\*

`본인 체형 평가\_4` -5.141e-01 2.091e-01 -2.459 0.013929 \*

`본인 체형 평가\_5` NA NA NA NA

`건강관련서비스 이용여부\_1` -2.583e+00 7.409e-01 -3.487 0.000489 \*\*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.076e+00 3.805e-01 2.827 0.004704 \*\*

`2)이용\_만성질환관리\_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: 2873.1 on 2672 degrees of freedom

AIC: 2977.1

**> 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

-1.5999 -0.7616 -0.7347 1.0442 2.3516

Coefficients: (12 not defined because of singularities)

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

(Intercept) 0.92906 0.85362 1.088 0.27643

`ADL - 보행\_0` -12.94763 882.74387 -0.015 0.98830

`ADL - 보행\_1` 0.33761 0.33650 1.003 0.31572

`ADL - 보행\_2` 0.42066 0.33298 1.263 0.20647

`ADL - 보행\_3` 0.87637 0.36800 2.381 0.01724 \*

`ADL - 보행\_4` NA NA NA NA

`주로 도와주는 사람\_0` -1.27757 0.70408 -1.815 0.06960 .

`주로 도와주는 사람\_1` -1.01203 0.70466 -1.436 0.15095

`주로 도와주는 사람\_2` -2.02485 0.93506 -2.165 0.03035 \*

`주로 도와주는 사람\_3` -1.25946 0.71402 -1.764 0.07775 .

`주로 도와주는 사람\_4` -0.72133 0.87791 -0.822 0.41128

`주로 도와주는 사람\_6` -0.59108 1.15112 -0.513 0.60761

`주로 도와주는 사람\_7` -14.83671 623.03230 -0.024 0.98100

`주로 도와주는 사람\_8` -14.51588 621.53630 -0.023 0.98137

`주로 도와주는 사람\_9` -0.18249 1.58367 -0.115 0.90826

`주로 도와주는 사람\_10` -1.30911 0.91084 -1.437 0.15065

`주로 도와주는 사람\_11` -1.52838 1.06225 -1.439 0.15021

`주로 도와주는 사람\_12` 0.04014 0.95882 0.042 0.96661

`주로 도와주는 사람\_13` -0.30992 0.88730 -0.349 0.72687

`주로 도와주는 사람\_14` -0.76135 0.72827 -1.045 0.29583

`주로 도와주는 사람\_15` NA NA NA NA

`상지의지-소지\_1` 0.85137 0.35020 2.431 0.01505 \*

`상지의지-소지\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.57811 0.54724 -2.884 0.00393 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`자세보조용구-사용\_1` -12.83041 302.71030 -0.042 0.96619

`자세보조용구-사용\_2` NA NA NA NA

`이동변기-소지\_1` 1.20981 0.55473 2.181 0.02919 \*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.33938 0.61742 -2.169 0.03006 \*

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.11084 0.49805 -2.230 0.02572 \*

사용빈도\_1 -0.51553 0.38696 -1.332 0.18277

사용빈도\_2 -0.42486 0.41358 -1.027 0.30430

사용빈도\_3 -0.51117 0.44922 -1.138 0.25516

사용빈도\_4 -0.64057 0.50771 -1.262 0.20706

사용빈도\_5 -1.18678 0.57125 -2.078 0.03775 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -0.71572 0.38121 -1.877 0.06045 .

`1일 이용시간\_2` -0.28622 0.33909 -0.844 0.39861

`1일 이용시간\_3` -0.54454 0.32534 -1.674 0.09418 .

`1일 이용시간\_4` -0.64594 0.35763 -1.806 0.07089 .

`1일 이용시간\_5` -1.10387 0.46473 -2.375 0.01754 \*

`1일 이용시간\_6` -0.77421 0.47978 -1.614 0.10660

`1일 이용시간\_7` -1.12061 0.54920 -2.040 0.04131 \*

`1일 이용시간\_8` -0.91985 0.40878 -2.250 0.02443 \*

`1일 이용시간\_9` NA NA NA NA

`검퓨터 사용 여부\_1` -0.36230 0.12072 -3.001 0.00269 \*\*

`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: 3006.6 on 2685 degrees of freedom

AIC: 3084.6

**5차 시행**

**> summary(glm(a5$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=a5))**

Call:glm(formula = a5$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = a5)

Deviance Residuals:

Min 1Q Median 3Q Max

-2.0537 -0.8145 -0.6406 0.8456 3.3269

Coefficients: (16 not defined because of singularities)

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

(Intercept) -1.614e+00 1.178e+00 -1.370e+00 0.170794

생년 -1.146e+00 5.204e-01 -2.202e+00 0.027638 \*

`월 혈압약 일수` 2.916e-01 1.020e-01 2.859e+00 0.004244 \*\*

`키(센티)` -1.798e+00 6.197e-01 -2.902e+00 0.003709 \*\*

`몸무게(kg)` 2.378e+01 7.114e+00 3.342e+00 0.000831 \*\*\*

`장애주된 원인\_10` -4.504e+15 2.237e+07 -2.013e+08 < 2e-16 \*\*\*

`장애주된 원인\_14` 3.619e-01 1.055e+00 3.430e-01 0.731635

`장애주된 원인\_15` -1.013e+01 4.010e+02 -2.500e-02 0.979842

`장애주된 원인\_17` 1.486e+00 1.063e+00 1.398e+00 0.162120

`장애주된 원인\_31` -4.128e+00 4.250e+02 -1.000e-02 0.992250

`장애주된 원인\_40` -7.710e+13 1.175e+14 -6.560e-01 0.511646

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

`장애주된 원인\_46` 1.522e+00 1.284e+00 1.185e+00 0.236005

`장애주된 원인\_47` -1.380e+01 3.501e+02 -3.900e-02 0.968561

`장애주된 원인\_48` 5.552e-01 8.066e-01 6.880e-01 0.491238

`장애주된 원인\_49` -1.604e+01 3.494e+03 -5.000e-03 0.996338

`장애주된 원인\_50` -7.710e+13 1.175e+14 -6.560e-01 0.511646

`장애주된 원인\_51` 6.992e+01 8.039e+05 0.000e+00 0.999931

`장애주된 원인\_60` 8.816e-01 1.189e+00 7.410e-01 0.458548

`장애주된 원인\_61` 5.574e-01 8.176e-01 6.820e-01 0.495369

`장애주된 원인\_62` 5.655e-01 8.006e-01 7.060e-01 0.479969

`장애주된 원인\_63` 4.726e-01 8.172e-01 5.780e-01 0.563036

`장애주된 원인\_64` 3.252e-01 8.644e-01 3.760e-01 0.706709

`장애주된 원인\_65` 8.681e-01 9.776e-01 8.880e-01 0.374559

`장애주된 원인\_66` 8.661e-01 9.989e-01 8.670e-01 0.385875

`장애주된 원인\_67` 2.660e-01 1.405e+00 1.890e-01 0.849892

`장애주된 원인\_68` 4.344e-01 9.278e-01 4.680e-01 0.639674

`장애주된 원인\_69` 6.249e-01 7.931e-01 7.880e-01 0.430727

`장애주된 원인\_70` -3.093e+01 3.602e+04 -1.000e-03 0.999315

`장애주된 원인\_71` 1.529e+00 1.526e+00 1.002e+00 0.316316

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -4.427e+15 1.175e+14 -3.768e+01 < 2e-16 \*\*\*

질병명...38\_103 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_105 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_108 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_109 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_134 4.504e+15 9.491e+07 4.745e+07 < 2e-16 \*\*\*

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

질병명...38\_139 NA NA NA NA

질병명...38\_156 1.355e+01 1.625e+00 8.340e+00 < 2e-16 \*\*\*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 -9.541e-02 2.161e-01 -4.420e-01 0.658829

질병명...38\_173 -1.107e+00 5.700e-01 -1.942e+00 0.052104 .

질병명...38\_174 1.416e-01 7.175e-01 1.970e-01 0.843603

질병명...38\_175 -5.130e-02 2.081e-01 -2.460e-01 0.805311

질병명...38\_177 -9.341e-01 5.752e-01 -1.624e+00 0.104424

질병명...38\_178 1.632e-01 1.276e+00 1.280e-01 0.898233

질병명...38\_179 -1.625e+01 7.150e+03 -2.000e-03 0.998187

질병명...38\_180 NA NA NA NA

질병명...38\_181 1.693e+01 3.494e+03 5.000e-03 0.996134

질병명...38\_184 NA NA NA NA

질병명...38\_186 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_188 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_190 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_191 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_192 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_201 7.710e+13 1.175e+14 6.560e-01 0.511646

질병명...38\_300 7.710e+13 1.175e+14 6.560e-01 0.511646

산업재해인정여부...39\_0 -2.255e-01 1.234e-01 -1.828e+00 0.067575 .

`현재 지속적 진료여부\_1` 2.565e+00 5.899e-01 4.347e+00 1.38e-05 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` 3.679e-01 1.186e+00 3.100e-01 0.756491

`주관적 건강 평가\_2` -2.915e-01 2.262e-01 -1.289e+00 0.197460

`주관적 건강 평가\_3` -3.625e-01 1.634e-01 -2.219e+00 0.026469 \*

`주관적 건강 평가\_4` -7.590e-02 1.429e-01 -5.310e-01 0.595209

`주관적 건강 평가\_5` NA NA NA NA

`물리치료-이용여부\_1` -2.633e-01 1.000e-01 -2.633e+00 0.008466 \*\*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -3.685e-01 2.439e-01 -1.511e+00 0.130706

평균음주량\_1 -7.622e-01 2.709e-01 -2.814e+00 0.004899 \*\*

평균음주량\_2 -5.319e-01 2.823e-01 -1.884e+00 0.059536 .

평균음주량\_3 -1.260e+00 3.928e-01 -3.206e+00 0.001345 \*\*

평균음주량\_4 -7.015e-01 2.884e-01 -2.433e+00 0.014993 \*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 9.498e-01 2.386e-01 3.982e+00 6.84e-05 \*\*\*

`음식물 씹는데 불편감 여부\_2` 5.649e-01 1.996e-01 2.830e+00 0.004654 \*\*

`음식물 씹는데 불편감 여부\_3` 5.213e-01 2.127e-01 2.451e+00 0.014260 \*

`음식물 씹는데 불편감 여부\_4` 3.429e-01 2.040e-01 1.681e+00 0.092722 .

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`본인 체형 평가\_1` -3.458e-01 3.585e-01 -9.650e-01 0.334745

`본인 체형 평가\_2` -3.941e-01 2.696e-01 -1.462e+00 0.143758

`본인 체형 평가\_3` -3.307e-01 2.336e-01 -1.416e+00 0.156732

`본인 체형 평가\_4` -3.557e-01 2.199e-01 -1.617e+00 0.105832

`본인 체형 평가\_5` NA NA NA NA

`건강관련서비스 이용여부\_1` -2.531e+00 7.479e-01 -3.384e+00 0.000713 \*\*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 8.919e-01 3.877e-01 2.301e+00 0.021416 \*

`2)이용\_만성질환관리\_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: 2823.8 on 2649 degrees of freedom

AIC: 2973.8

**> summary(glm(b5$`06)만성질환명(당뇨병)` ~ ., family=binomial, data=b5))**

Call:glm(formula = b5$`06)만성질환명(당뇨병)` ~ ., family = binomial, data = b5)

Deviance Residuals:

Min 1Q Median 3Q Max

-1.5994 -0.7621 -0.7347 1.0463 2.3975

Coefficients: (11 not defined because of singularities)

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

(Intercept) 0.92800 0.85376 1.087 0.27705

`ADL - 보행\_0` -11.82809 535.41197 -0.022 0.98237

`ADL - 보행\_1` 0.34249 0.33699 1.016 0.30948

`ADL - 보행\_2` 0.42646 0.33346 1.279 0.20093

`ADL - 보행\_3` 0.85708 0.36787 2.330 0.01982 \*

`ADL - 보행\_4` NA NA NA NA

`주로 도와주는 사람\_0` -1.28037 0.70421 -1.818 0.06904 .

`주로 도와주는 사람\_1` -1.01670 0.70478 -1.443 0.14914

`주로 도와주는 사람\_2` -2.01947 0.93501 -2.160 0.03079 \*

`주로 도와주는 사람\_3` -1.25953 0.71414 -1.764 0.07778 .

`주로 도와주는 사람\_4` -0.72262 0.87793 -0.823 0.41046

`주로 도와주는 사람\_6` -0.59250 1.15119 -0.515 0.60677

`주로 도와주는 사람\_7` -13.83940 377.89080 -0.037 0.97079

`주로 도와주는 사람\_8` -13.51791 376.92006 -0.036 0.97139

`주로 도와주는 사람\_9` -0.18842 1.58376 -0.119 0.90530

`주로 도와주는 사람\_10` -1.30828 0.91096 -1.436 0.15096

`주로 도와주는 사람\_11` -1.51897 1.06261 -1.429 0.15287

`주로 도와주는 사람\_12` 0.04387 0.95870 0.046 0.96350

`주로 도와주는 사람\_13` -0.34878 0.88316 -0.395 0.69290

`주로 도와주는 사람\_14` -0.75785 0.72841 -1.040 0.29815

`주로 도와주는 사람\_15` NA NA NA NA

`상지의지-소지\_1` 0.85106 0.35024 2.430 0.01510 \*

`상지의지-소지\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.69428 0.54379 -3.116 0.00184 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`이동변기-소지\_1` 1.23015 0.55578 2.213 0.02687 \*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.34809 0.61870 -2.179 0.02934 \*

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.11166 0.49809 -2.232 0.02563 \*

사용빈도\_1 -0.52093 0.38710 -1.346 0.17839

사용빈도\_2 -0.42638 0.41370 -1.031 0.30271

사용빈도\_3 -0.51758 0.44920 -1.152 0.24923

사용빈도\_4 -0.64263 0.50772 -1.266 0.20562

사용빈도\_5 -1.19554 0.57100 -2.094 0.03628 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -0.71006 0.38115 -1.863 0.06247 .

`1일 이용시간\_2` -0.28195 0.33898 -0.832 0.40554

`1일 이용시간\_3` -0.54531 0.32513 -1.677 0.09350 .

`1일 이용시간\_4` -0.64090 0.35743 -1.793 0.07297 .

`1일 이용시간\_5` -1.09673 0.46469 -2.360 0.01827 \*

`1일 이용시간\_6` -0.76455 0.47951 -1.594 0.11084

`1일 이용시간\_7` -1.11407 0.54895 -2.029 0.04241 \*

`1일 이용시간\_8` -0.91056 0.40859 -2.229 0.02584 \*

`1일 이용시간\_9` NA NA NA NA

`검퓨터 사용 여부\_1` -0.36490 0.12066 -3.024 0.00249 \*\*

`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 on 2723 degrees of freedom

Residual deviance: 3009 on 2686 degrees of freedom

AIC: 3085

**6차 시행**

**> summary(glm(`06)만성질환명(당뇨병)` ~ ., family=binomial, data=logit\_df6 %>% select(1:132, 138)))**

Call:glm(formula = `06)만성질환명(당뇨병)` ~ ., family = binomial, data = logit\_df6 %>% select(1:132, 138))

Deviance Residuals:

Min 1Q Median 3Q Max

-1.9219 -0.7979 -0.6098 0.5791 3.3712

Coefficients: (25 not defined because of singularities)

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

(Intercept) -1.776e-02 1.517e+00 -1.200e-02 0.990660

생년 -3.521e-01 5.996e-01 -5.870e-01 0.557056

`월 혈압약 일수` 2.850e-01 1.040e-01 2.739e+00 0.006157 \*\*

`키(센티)` -2.236e+00 5.266e-01 -4.246e+00 2.17e-05 \*\*\*

`몸무게(kg)` 2.941e+01 5.576e+00 5.274e+00 1.34e-07 \*\*\*

`장애주된 원인\_10` -3.161e+01 6.515e+04 0.000e+00 0.999613

`장애주된 원인\_14` 3.185e-01 1.064e+00 2.990e-01 0.764657

`장애주된 원인\_15` -9.302e+00 9.278e+01 -1.000e-01 0.920141

`장애주된 원인\_17` 1.524e+00 1.115e+00 1.367e+00 0.171619

`장애주된 원인\_31` -8.100e+00 2.328e+02 -3.500e-02 0.972244

`장애주된 원인\_40` -7.472e+12 1.050e+14 -7.100e-02 0.943254

`장애주된 원인\_43` -4.504e+15 6.711e+07 -6.710e+07 < 2e-16 \*\*\*

`장애주된 원인\_46` 1.202e+00 1.281e+00 9.380e-01 0.348216

`장애주된 원인\_47` -5.869e+04 6.711e+07 -1.000e-03 0.999302

`장애주된 원인\_48` 4.431e-01 8.042e-01 5.510e-01 0.581615

`장애주된 원인\_49` -3.076e+14 8.527e+14 -3.610e-01 0.718316

`장애주된 원인\_50` -7.472e+12 1.050e+14 -7.100e-02 0.943254

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

`장애주된 원인\_60` 1.017e+00 1.219e+00 8.340e-01 0.404016

`장애주된 원인\_61` 3.012e-01 8.177e-01 3.680e-01 0.712629

`장애주된 원인\_62` 5.088e-01 7.978e-01 6.380e-01 0.523604

`장애주된 원인\_63` 4.135e-01 8.161e-01 5.070e-01 0.612405

`장애주된 원인\_64` 2.200e-01 8.628e-01 2.550e-01 0.798714

`장애주된 원인\_65` 7.023e-01 9.831e-01 7.140e-01 0.474982

`장애주된 원인\_66` 9.042e-01 1.010e+00 8.950e-01 0.370744

`장애주된 원인\_67` -5.010e-01 1.460e+00 -3.430e-01 0.731448

`장애주된 원인\_68` 1.795e-01 9.299e-01 1.930e-01 0.846936

`장애주된 원인\_69` 5.258e-01 7.885e-01 6.670e-01 0.504844

`장애주된 원인\_70` -1.389e+01 2.925e+03 -5.000e-03 0.996209

`장애주된 원인\_71` 1.423e+00 1.513e+00 9.410e-01 0.346958

`장애주된 원인\_80` NA NA NA NA

질병명...38\_0 NA NA NA NA

질병명...38\_102 -4.496e+15 1.050e+14 -4.283e+01 < 2e-16 \*\*\*

질병명...38\_103 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_105 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_108 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_109 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_134 -8.129e+04 9.491e+07 -1.000e-03 0.999317

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

질병명...38\_139 NA NA NA NA

질병명...38\_156 3.728e+00 1.462e+00 2.551e+00 0.010747 \*

질병명...38\_159 NA NA NA NA

질병명...38\_166 NA NA NA NA

질병명...38\_171 -8.092e-02 2.213e-01 -3.660e-01 0.714572

질병명...38\_173 -1.135e+00 5.905e-01 -1.923e+00 0.054520 .

질병명...38\_174 1.084e-01 7.622e-01 1.420e-01 0.886944

질병명...38\_175 -3.844e-03 2.134e-01 -1.800e-02 0.985628

질병명...38\_177 -7.765e-01 5.840e-01 -1.330e+00 0.183608

질병명...38\_178 3.933e-01 1.286e+00 3.060e-01 0.759849

질병명...38\_179 -1.177e+01 4.533e+02 -2.600e-02 0.979288

질병명...38\_180 NA NA NA NA

질병명...38\_181 3.076e+14 8.527e+14 3.610e-01 0.718316

질병명...38\_184 -4.196e+15 8.527e+14 -4.921e+00 8.62e-07 \*\*\*

질병명...38\_186 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_188 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_190 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_191 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_192 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_201 7.472e+12 1.050e+14 7.100e-02 0.943254

질병명...38\_300 7.472e+12 1.050e+14 7.100e-02 0.943254

`현재 지속적 진료여부\_1` 2.588e+00 6.011e-01 4.306e+00 1.66e-05 \*\*\*

`현재 지속적 진료여부\_2` NA NA NA NA

`주관적 건강 평가\_1` 4.758e-01 1.190e+00 4.000e-01 0.689190

`주관적 건강 평가\_2` -1.790e-01 2.385e-01 -7.500e-01 0.453087

`주관적 건강 평가\_3` -2.468e-01 1.766e-01 -1.397e+00 0.162268

`주관적 건강 평가\_4` 1.698e-02 1.538e-01 1.100e-01 0.912108

`주관적 건강 평가\_5` NA NA NA NA

`물리치료-이용여부\_1` -2.903e-01 1.035e-01 -2.806e+00 0.005017 \*\*

`물리치료-이용여부\_2` NA NA NA NA

평균음주량\_0 -4.067e-01 2.459e-01 -1.654e+00 0.098220 .

평균음주량\_1 -7.611e-01 2.736e-01 -2.782e+00 0.005405 \*\*

평균음주량\_2 -4.885e-01 2.852e-01 -1.713e+00 0.086715 .

평균음주량\_3 -1.296e+00 3.954e-01 -3.279e+00 0.001043 \*\*

평균음주량\_4 -6.990e-01 2.925e-01 -2.390e+00 0.016859 \*

평균음주량\_5 NA NA NA NA

`음식물 씹는데 불편감 여부\_1` 9.178e-01 2.438e-01 3.765e+00 0.000166 \*\*\*

`음식물 씹는데 불편감 여부\_2` 5.865e-01 2.027e-01 2.893e+00 0.003819 \*\*

`음식물 씹는데 불편감 여부\_3` 5.110e-01 2.155e-01 2.372e+00 0.017710 \*

`음식물 씹는데 불편감 여부\_4` 3.397e-01 2.058e-01 1.651e+00 0.098836 .

`음식물 씹는데 불편감 여부\_5` NA NA NA NA

`건강관련서비스 이용여부\_1` -2.509e+00 7.600e-01 -3.301e+00 0.000962 \*\*\*

`건강관련서비스 이용여부\_2` NA NA NA NA

`2)이용\_만성질환관리\_0` NA NA NA NA

`2)이용\_만성질환관리\_1` 1.016e+00 3.909e-01 2.598e+00 0.009367 \*\*

`2)이용\_만성질환관리\_2` NA NA NA NA

`ADL - 보행\_0` 2.166e+01 6.515e+04 0.000e+00 0.999735

`ADL - 보행\_1` 5.220e-01 3.810e-01 1.370e+00 0.170700

`ADL - 보행\_2` 5.469e-01 3.765e-01 1.453e+00 0.146295

`ADL - 보행\_3` 8.461e-01 4.062e-01 2.083e+00 0.037230 \*

`ADL - 보행\_4` NA NA NA NA

`주로 도와주는 사람\_0` -1.815e+00 8.554e-01 -2.121e+00 0.033896 \*

`주로 도와주는 사람\_1` -1.588e+00 8.560e-01 -1.855e+00 0.063640 .

`주로 도와주는 사람\_2` -2.915e+00 1.138e+00 -2.562e+00 0.010398 \*

`주로 도와주는 사람\_3` -1.930e+00 8.646e-01 -2.232e+00 0.025605 \*

`주로 도와주는 사람\_4` -1.172e+00 1.052e+00 -1.114e+00 0.265340

`주로 도와주는 사람\_6` -1.352e+00 1.259e+00 -1.073e+00 0.283077

`주로 도와주는 사람\_7` -2.822e+01 2.427e+05 0.000e+00 0.999907

`주로 도와주는 사람\_8` -2.665e+01 2.511e+05 0.000e+00 0.999915

`주로 도와주는 사람\_9` 2.299e+01 6.515e+04 0.000e+00 0.999718

`주로 도와주는 사람\_10` -1.944e+00 1.046e+00 -1.859e+00 0.063093 .

`주로 도와주는 사람\_11` -2.400e+00 1.352e+00 -1.774e+00 0.075983 .

`주로 도와주는 사람\_12` -5.832e-01 1.082e+00 -5.390e-01 0.589883

`주로 도와주는 사람\_13` -9.124e-01 1.019e+00 -8.950e-01 0.370577

`주로 도와주는 사람\_14` -1.457e+00 8.800e-01 -1.655e+00 0.097883 .

`주로 도와주는 사람\_15` NA NA NA NA

`상지의지-소지\_1` 8.939e-01 3.800e-01 2.352e+00 0.018664 \*

`상지의지-소지\_2` NA NA NA NA

`자세보조용구-필요\_1` -1.805e+00 5.694e-01 -3.170e+00 0.001525 \*\*

`자세보조용구-필요\_2` NA NA NA NA

`이동변기-소지\_1` 1.309e+00 5.905e-01 2.217e+00 0.026615 \*

`이동변기-소지\_2` NA NA NA NA

`이동변기-사용\_0` NA NA NA NA

`이동변기-사용\_1` -1.273e+00 6.538e-01 -1.947e+00 0.051575 .

`이동변기-사용\_2` NA NA NA NA

사용빈도\_0 -1.203e+00 5.266e-01 -2.284e+00 0.022347 \*

사용빈도\_1 -6.030e-01 4.080e-01 -1.478e+00 0.139405

사용빈도\_2 -5.091e-01 4.372e-01 -1.164e+00 0.244282

사용빈도\_3 -5.925e-01 4.722e-01 -1.255e+00 0.209557

사용빈도\_4 -5.815e-01 5.319e-01 -1.093e+00 0.274271

사용빈도\_5 -1.272e+00 5.980e-01 -2.127e+00 0.033436 \*

사용빈도\_6 NA NA NA NA

`1일 이용시간\_0` NA NA NA NA

`1일 이용시간\_1` -9.259e-01 4.057e-01 -2.282e+00 0.022467 \*

`1일 이용시간\_2` -3.695e-01 3.599e-01 -1.027e+00 0.304464

`1일 이용시간\_3` -6.171e-01 3.441e-01 -1.794e+00 0.072877 .

`1일 이용시간\_4` -8.824e-01 3.848e-01 -2.293e+00 0.021849 \*

`1일 이용시간\_5` -1.219e+00 5.010e-01 -2.433e+00 0.014976 \*

`1일 이용시간\_6` -1.013e+00 5.151e-01 -1.967e+00 0.049141 \*

`1일 이용시간\_7` -1.170e+00 5.779e-01 -2.024e+00 0.042971 \*

`1일 이용시간\_8` -9.283e-01 4.355e-01 -2.131e+00 0.033064 \*

`1일 이용시간\_9` NA NA NA NA

`검퓨터 사용 여부\_1` -2.032e-01 1.458e-01 -1.394e+00 0.163346

`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: 2752.1 on 2616 degrees of freedom

AIC: 2968.1