**Modelo BB:**

INAD\_TOT =

163438.9384 \* DATA-remapped +

0.0641 \* Lag\_INAD\_TOT-1 +

-0.0266 \* Lag\_INAD\_TOT-3 +

-0.0012 \* Lag\_ATIV\_TOT-1 +

0.0027 \* Lag\_ATIV\_TOT-4 +

0.0037 \* Lag\_CC\_CLASS-4 +

-0.002 \* Lag\_CAPT-2 +

0.0024 \* Lag\_CAPT-3 +

0.0035 \* Lag\_CAPT-4 +

-0.0115 \* Lag\_PATR\_LIQ-1 +

-0.0072 \* Lag\_PATR\_LIQ-2 +

-0.0167 \* Lag\_PATR\_LIQ-3 +

-0.0142 \* Lag\_PATR\_LIQ-4 +

-0.0357 \* Lag\_OPER\_CRE\_PROV-2 +

0.001 \* Lag\_PASS\_TOT-3 +

0.0027 \* Lag\_PASS\_TOT-4 +

-0.0702 \* Lag\_DESP\_PESS-1 +

0.0307 \* Lag\_DESP\_PESS-2 +

-0.0282 \* Lag\_DESP\_PESS-4 +

-0.0679 \* Lag\_DESP\_ADM-1 +

-0.1321 \* Lag\_DESP\_TRIB-1 +

-0.2393 \* Lag\_DESP\_TRIB-3 +

-0.1469 \* Lag\_DESP\_TRIB-4 +

-0.0024 \* Lag\_TOT\_CAR\_PF-1 +

-0.0025 \* Lag\_TOT\_CAR\_PF-4 +

0.0018 \* Lag\_TOT\_CAR\_PJ-4 +

-0.0028 \* Lag\_TOT\_GER-3 +

0.003 \* Lag\_TOT\_GER-4 +

-0.0051 \* Lag\_RISCO\_AA-1 +

0.0046 \* Lag\_RISCO\_A-2 +

-0.0046 \* Lag\_RISCO\_A-3 +

0.0063 \* Lag\_RISCO\_A-4 +

-0.0144 \* Lag\_RISCO\_B-3 +

0.0133 \* Lag\_RISCO\_C-1 +

0.0093 \* Lag\_RISCO\_C-3 +

-0.0179 \* Lag\_RISCO\_D-1 +

0.1165 \* Lag\_RISCO\_D-3 +

0.0439 \* Lag\_RISCO\_E-1 +

0.0285 \* Lag\_RISCO\_E-2 +

0.0938 \* Lag\_RISCO\_E-3 +

0.0393 \* Lag\_RISCO\_F-1 +

-0.0445 \* Lag\_RISCO\_F-2 +

0.3818 \* Lag\_RISCO\_F-4 +

0.0797 \* Lag\_RISCO\_G-1 +

0.0582 \* Lag\_RISCO\_G-2 +

-0.0589 \* Lag\_RISCO\_G-3 +

0.0848 \* Lag\_RISCO\_G-4 +

-0.0764 \* Lag\_RISCO\_H-1 +

0.1175 \* Lag\_RISCO\_H-2 +

-0.0533 \* Lag\_RISCO\_H-4 +

0.0054 \* Lag\_TOT\_EXT-1 +

0.0077 \* Lag\_TOT\_EXT-2 +

-0.0123 \* Lag\_TOT\_EXT-3 +

4010.4718 \* DATA-remapped^2 +

121.8956 \* DATA-remapped^3 +

-0.001 \* DATA-remapped\*Lag\_INAD\_TOT-3 +

-0.0015 \* DATA-remapped\*Lag\_INAD\_TOT-4 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-1 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-2 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-3 +

-0.0002 \* DATA-remapped\*Lag\_PATR\_LIQ-4 +

0.0004 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-4 +

0.0015 \* DATA-remapped\*Lag\_DESP\_PESS-3 +

-0.0014 \* DATA-remapped\*Lag\_DESP\_PESS-4 +

-0.0016 \* DATA-remapped\*Lag\_DESP\_ADM-2 +

0.0014 \* DATA-remapped\*Lag\_DESP\_ADM-3 +

0.0049 \* DATA-remapped\*Lag\_DESP\_TRIB-1 +

-0.0053 \* DATA-remapped\*Lag\_DESP\_TRIB-4 +

-0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-4 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_AA-1 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_AA-4 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_A-1 +

0.0002 \* DATA-remapped\*Lag\_RISCO\_A-2 +

-0.0004 \* DATA-remapped\*Lag\_RISCO\_A-3 +

0.0004 \* DATA-remapped\*Lag\_RISCO\_A-4 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_B-3 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_B-4 +

0.0002 \* DATA-remapped\*Lag\_RISCO\_C-1 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_C-4 +

-0.0012 \* DATA-remapped\*Lag\_RISCO\_D-1 +

-0.0009 \* DATA-remapped\*Lag\_RISCO\_D-2 +

0.0023 \* DATA-remapped\*Lag\_RISCO\_D-3 +

0.0011 \* DATA-remapped\*Lag\_RISCO\_E-1 +

-0.0011 \* DATA-remapped\*Lag\_RISCO\_E-4 +

-0.004 \* DATA-remapped\*Lag\_RISCO\_G-3 +

-0.0006 \* DATA-remapped\*Lag\_RISCO\_H-1 +

-0.0011 \* DATA-remapped\*Lag\_RISCO\_H-4 +

-0.0013 \* DATA-remapped\*Lag\_TOT\_EXT-3 +

-0.001 \* DATA-remapped\*Lag\_TOT\_EXT-4 +

-2692566.4343

**Modelo BNDES:**

INAD\_TOT =

44911.5611 \* DATA-remapped +

-0.0719 \* Lag\_INAD\_TOT-1 +

-0.053 \* Lag\_INAD\_TOT-2 +

-0.1019 \* Lag\_INAD\_TOT-3 +

0.0008 \* Lag\_ATIV\_TOT-3 +

0.002 \* Lag\_ATIV\_TOT-4 +

0.0013 \* Lag\_CC\_CLASS-2 +

0.0012 \* Lag\_CC\_CLASS-4 +

0.0006 \* Lag\_CAPT-4 +

-0.0023 \* Lag\_PATR\_LIQ-2 +

0.0088 \* Lag\_OPER\_CRE\_PROV-2 +

0.0008 \* Lag\_PASS\_TOT-3 +

0.002 \* Lag\_PASS\_TOT-4 +

-0.2192 \* Lag\_DESP\_PESS-1 +

-0.277 \* Lag\_DESP\_TRIB-2 +

-0.6374 \* Lag\_DESP\_TRIB-4 +

137.7199 \* Lag\_TOT\_CAR\_PF-1 +

-211.8367 \* Lag\_TOT\_CAR\_PF-2 +

126.9095 \* Lag\_TOT\_CAR\_PF-3 +

0.0013 \* Lag\_TOT\_CAR\_PJ-2 +

0.0012 \* Lag\_TOT\_CAR\_PJ-4 +

0.0013 \* Lag\_TOT\_GER-2 +

0.0012 \* Lag\_TOT\_GER-4 +

0.0025 \* Lag\_RISCO\_AA-1 +

0.0033 \* Lag\_RISCO\_AA-2 +

-0.0016 \* Lag\_RISCO\_AA-3 +

-0.0039 \* Lag\_RISCO\_A-1 +

0.0039 \* Lag\_RISCO\_A-3 +

-0.0021 \* Lag\_RISCO\_A-4 +

0.0034 \* Lag\_RISCO\_B-1 +

0.0015 \* Lag\_RISCO\_B-2 +

-0.0018 \* Lag\_RISCO\_B-3 +

0.0038 \* Lag\_RISCO\_B-4 +

-0.0067 \* Lag\_RISCO\_C-1 +

-0.0191 \* Lag\_RISCO\_D-4 +

-0.0108 \* Lag\_RISCO\_E-2 +

-0.0671 \* Lag\_RISCO\_F-1 +

0.1069 \* Lag\_RISCO\_F-2 +

0.0852 \* Lag\_RISCO\_F-4 +

-0.0506 \* Lag\_RISCO\_G-2 +

0.069 \* Lag\_RISCO\_G-3 +

-0.0112 \* Lag\_RISCO\_H-2 +

-0.0105 \* Lag\_RISCO\_H-3 +

1128.9096 \* DATA-remapped^2 +

35.6158 \* DATA-remapped^3 +

-0.0051 \* DATA-remapped\*Lag\_INAD\_TOT-2 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-2 +

0.0004 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-2 +

-0.0384 \* DATA-remapped\*Lag\_DESP\_TRIB-3 +

-0.0339 \* DATA-remapped\*Lag\_DESP\_TRIB-4 +

4.6783 \* DATA-remapped\*Lag\_TOT\_CAR\_PF-1 +

-12.5207 \* DATA-remapped\*Lag\_TOT\_CAR\_PF-2 +

8.1972 \* DATA-remapped\*Lag\_TOT\_CAR\_PF-3 +

0.0009 \* DATA-remapped\*Lag\_RISCO\_AA-1 +

-0.0004 \* DATA-remapped\*Lag\_RISCO\_AA-2 +

0.0006 \* DATA-remapped\*Lag\_RISCO\_AA-3 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_A-1 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_A-2 +

0.0003 \* DATA-remapped\*Lag\_RISCO\_A-3 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_A-4 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_B-1 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_B-4 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_C-1 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_C-2 +

0.0002 \* DATA-remapped\*Lag\_RISCO\_C-3 +

-0.0006 \* DATA-remapped\*Lag\_RISCO\_E-2 +

0.008 \* DATA-remapped\*Lag\_RISCO\_F-2 +

0.0064 \* DATA-remapped\*Lag\_RISCO\_F-4 +

0.0034 \* DATA-remapped\*Lag\_RISCO\_G-1 +

-0.0004 \* DATA-remapped\*Lag\_RISCO\_H-1 +

-0.0005 \* DATA-remapped\*Lag\_RISCO\_H-2 +

-0.0004 \* DATA-remapped\*Lag\_RISCO\_H-3 +

-9229562.9573

**Modelo Bradesco:**

INAD\_TOT =

138329.2846 \* DATA-remapped +

0.1695 \* Lag\_INAD\_TOT-1 +

0.0686 \* Lag\_INAD\_TOT-2 +

-0.0518 \* Lag\_INAD\_TOT-4 +

-0.0011 \* Lag\_ATIV\_TOT-4 +

-0.005 \* Lag\_CC\_CLASS-3 +

-0.0015 \* Lag\_CAPT-2 +

-0.0029 \* Lag\_CAPT-3 +

-0.0025 \* Lag\_CAPT-4 +

-0.0011 \* Lag\_PASS\_TOT-4 +

-0.175 \* Lag\_DESP\_TRIB-3 +

-0.2091 \* Lag\_DESP\_TRIB-4 +

-0.007 \* Lag\_TOT\_CAR\_PJ-2 +

0.0164 \* Lag\_TOT\_CAR\_PJ-4 +

-0.0035 \* Lag\_TOT\_GER-2 +

0.0053 \* Lag\_TOT\_GER-4 +

-0.0033 \* Lag\_RISCO\_AA-4 +

-0.0169 \* Lag\_RISCO\_A-2 +

-0.0199 \* Lag\_RISCO\_A-3 +

0.0087 \* Lag\_RISCO\_B-4 +

-0.0316 \* Lag\_RISCO\_C-1 +

0.0291 \* Lag\_RISCO\_C-3 +

0.0232 \* Lag\_RISCO\_C-4 +

0.0953 \* Lag\_RISCO\_D-1 +

0.0643 \* Lag\_RISCO\_D-2 +

-0.108 \* Lag\_RISCO\_D-4 +

0.2028 \* Lag\_RISCO\_E-1 +

-0.102 \* Lag\_RISCO\_E-3 +

0.1361 \* Lag\_RISCO\_F-3 +

-0.1313 \* Lag\_RISCO\_F-4 +

0.1915 \* Lag\_RISCO\_G-1 +

0.0445 \* Lag\_RISCO\_H-1 +

-0.0353 \* Lag\_RISCO\_H-3 +

-0.0387 \* Lag\_RISCO\_H-4 +

-0.0139 \* Lag\_TOT\_EXT-1 +

-0.0133 \* Lag\_TOT\_EXT-2 +

0.0254 \* Lag\_TOT\_EXT-4 +

3396.6178 \* DATA-remapped^2 +

105.1974 \* DATA-remapped^3 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-1 +

0.0023 \* DATA-remapped\*Lag\_DESP\_PESS-4 +

0.0023 \* DATA-remapped\*Lag\_DESP\_ADM-2 +

0.0018 \* DATA-remapped\*Lag\_DESP\_ADM-4 +

-0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-1 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_A-1 +

0.0014 \* DATA-remapped\*Lag\_RISCO\_B-4 +

-0.0005 \* DATA-remapped\*Lag\_RISCO\_C-1 +

-0.0027 \* DATA-remapped\*Lag\_RISCO\_D-4 +

-0.0043 \* DATA-remapped\*Lag\_RISCO\_F-1 +

-0.0011 \* DATA-remapped\*Lag\_RISCO\_H-3 +

-0.0008 \* DATA-remapped\*Lag\_RISCO\_H-4 +

-0.0002 \* DATA-remapped\*Lag\_TOT\_EXT-1 +

0.0003 \* DATA-remapped\*Lag\_TOT\_EXT-4 +

16531492.7021

**Modelo CEF:**

INAD\_TOT =

59576.3553 \* DATA-remapped +

0.0677 \* Lag\_INAD\_TOT-1 +

0.035 \* Lag\_INAD\_TOT-2 +

0.0432 \* Lag\_INAD\_TOT-3 +

-0.0004 \* Lag\_ATIV\_TOT-1 +

0.001 \* Lag\_ATIV\_TOT-2 +

-0.0004 \* Lag\_ATIV\_TOT-3 +

-0.0007 \* Lag\_ATIV\_TOT-4 +

-0.0016 \* Lag\_CC\_CLASS-2 +

-0.0008 \* Lag\_CC\_CLASS-3 +

0.0005 \* Lag\_CAPT-1 +

0.0031 \* Lag\_CAPT-2 +

-0.0008 \* Lag\_CAPT-3 +

-0.0013 \* Lag\_CAPT-4 +

-0.0029 \* Lag\_PATR\_LIQ-1 +

0.007 \* Lag\_PATR\_LIQ-4 +

-0.0451 \* Lag\_OPER\_CRE\_PROV-1 +

0.0309 \* Lag\_OPER\_CRE\_PROV-2 +

0.0261 \* Lag\_OPER\_CRE\_PROV-4 +

-0.0004 \* Lag\_PASS\_TOT-1 +

0.001 \* Lag\_PASS\_TOT-2 +

-0.0004 \* Lag\_PASS\_TOT-3 +

-0.0007 \* Lag\_PASS\_TOT-4 +

0.0301 \* Lag\_DESP\_PESS-1 +

0.0285 \* Lag\_DESP\_PESS-3 +

-0.0359 \* Lag\_DESP\_ADM-2 +

0.0277 \* Lag\_DESP\_ADM-3 +

0.1173 \* Lag\_DESP\_TRIB-1 +

-0.132 \* Lag\_DESP\_TRIB-2 +

0.0599 \* Lag\_DESP\_TRIB-3 +

0.1343 \* Lag\_DESP\_TRIB-4 +

-0.0008 \* Lag\_TOT\_CAR\_PF-1 +

-0.0012 \* Lag\_TOT\_CAR\_PF-2 +

-0.0006 \* Lag\_TOT\_CAR\_PF-3 +

0.0041 \* Lag\_TOT\_CAR\_PJ-1 +

0.003 \* Lag\_TOT\_CAR\_PJ-2 +

0.0012 \* Lag\_TOT\_CAR\_PJ-3 +

-0.0017 \* Lag\_TOT\_CAR\_PJ-4 +

-0.0006 \* Lag\_TOT\_GER-2 +

-0.0037 \* Lag\_RISCO\_AA-1 +

-0.0034 \* Lag\_RISCO\_AA-4 +

0.0014 \* Lag\_RISCO\_A-1 +

0.0029 \* Lag\_RISCO\_A-4 +

0.0164 \* Lag\_RISCO\_B-1 +

0.0022 \* Lag\_RISCO\_B-2 +

-0.0032 \* Lag\_RISCO\_B-3 +

0.0033 \* Lag\_RISCO\_B-4 +

0.0116 \* Lag\_RISCO\_C-1 +

-0.014 \* Lag\_RISCO\_C-2 +

-0.0113 \* Lag\_RISCO\_C-3 +

0.054 \* Lag\_RISCO\_C-4 +

0.0271 \* Lag\_RISCO\_D-1 +

0.0655 \* Lag\_RISCO\_D-3 +

0.0156 \* Lag\_RISCO\_D-4 +

-0.2113 \* Lag\_RISCO\_E-1 +

0.0245 \* Lag\_RISCO\_E-3 +

0.0345 \* Lag\_RISCO\_E-4 +

0.0408 \* Lag\_RISCO\_F-1 +

0.0258 \* Lag\_RISCO\_F-2 +

-0.0292 \* Lag\_RISCO\_F-3 +

0.0544 \* Lag\_RISCO\_F-4 +

0.0547 \* Lag\_RISCO\_G-1 +

0.331 \* Lag\_RISCO\_G-2 +

0.493 \* Lag\_RISCO\_G-3 +

-0.2513 \* Lag\_RISCO\_G-4 +

0.1151 \* Lag\_RISCO\_H-1 +

-0.1329 \* Lag\_RISCO\_H-2 +

-0.0113 \* Lag\_RISCO\_H-3 +

-0.2357 \* Lag\_RISCO\_H-4 +

1489.1967 \* DATA-remapped^2 +

48.4826 \* DATA-remapped^3 +

0.0007 \* DATA-remapped\*Lag\_INAD\_TOT-1 +

-0.0008 \* DATA-remapped\*Lag\_INAD\_TOT-2 +

-0.0005 \* DATA-remapped\*Lag\_INAD\_TOT-3 +

-0.0013 \* DATA-remapped\*Lag\_INAD\_TOT-4 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-1 +

-0.0001 \* DATA-remapped\*Lag\_PATR\_LIQ-3 +

0.0004 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-2 +

0.0003 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-3 +

0.0003 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-4 +

0.0018 \* DATA-remapped\*Lag\_DESP\_PESS-2 +

0.0017 \* DATA-remapped\*Lag\_DESP\_PESS-4 +

-0.0012 \* DATA-remapped\*Lag\_DESP\_ADM-1 +

0.003 \* DATA-remapped\*Lag\_DESP\_ADM-2 +

0.0036 \* DATA-remapped\*Lag\_DESP\_ADM-4 +

0.006 \* DATA-remapped\*Lag\_DESP\_TRIB-2 +

-0.0016 \* DATA-remapped\*Lag\_DESP\_TRIB-3 +

0.0123 \* DATA-remapped\*Lag\_DESP\_TRIB-4 +

-0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-2 +

-0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-3 +

-0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-4 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_A-1 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_A-2 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_A-3 +

0.0007 \* DATA-remapped\*Lag\_RISCO\_A-4 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_B-2 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_B-3 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_B-4 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_C-1 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_C-2 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_C-3 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_D-1 +

-0.0005 \* DATA-remapped\*Lag\_RISCO\_D-2 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_D-3 +

-0.0001 \* DATA-remapped\*Lag\_RISCO\_D-4 +

-0.0024 \* DATA-remapped\*Lag\_RISCO\_E-1 +

-0.0009 \* DATA-remapped\*Lag\_RISCO\_E-2 +

-0.0017 \* DATA-remapped\*Lag\_RISCO\_E-4 +

0.0005 \* DATA-remapped\*Lag\_RISCO\_F-1 +

0.0002 \* DATA-remapped\*Lag\_RISCO\_F-2 +

-0.001 \* DATA-remapped\*Lag\_RISCO\_F-3 +

0.001 \* DATA-remapped\*Lag\_RISCO\_F-4 +

0.0028 \* DATA-remapped\*Lag\_RISCO\_G-1 +

0.0017 \* DATA-remapped\*Lag\_RISCO\_G-2 +

0.003 \* DATA-remapped\*Lag\_RISCO\_G-3 +

-0.0075 \* DATA-remapped\*Lag\_RISCO\_G-4 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_H-1 +

-0.0014 \* DATA-remapped\*Lag\_RISCO\_H-2 +

-0.0008 \* DATA-remapped\*Lag\_RISCO\_H-3 +

-0.0012 \* DATA-remapped\*Lag\_RISCO\_H-4 +

20635511.2127

**Modelo Banco CSF:**

INAD\_TOT =

16178.6308 \* DATA-remapped +

0.1145 \* Lag\_INAD\_TOT-1 +

0.0644 \* Lag\_INAD\_TOT-2 +

0.0506 \* Lag\_INAD\_TOT-3 +

0.0529 \* Lag\_INAD\_TOT-4 +

-0.0033 \* Lag\_ATIV\_TOT-1 +

-0.0048 \* Lag\_ATIV\_TOT-3 +

0.0043 \* Lag\_CC\_CLASS-1 +

0.0053 \* Lag\_CC\_CLASS-2 +

-0.0214 \* Lag\_CAPT-1 +

-0.0461 \* Lag\_CAPT-2 +

-0.0601 \* Lag\_CAPT-3 +

-0.0591 \* Lag\_PATR\_LIQ-1 +

-0.0405 \* Lag\_PATR\_LIQ-2 +

-0.0279 \* Lag\_PATR\_LIQ-3 +

-0.0334 \* Lag\_PATR\_LIQ-4 +

-0.094 \* Lag\_OPER\_CRE\_PROV-1 +

0.1804 \* Lag\_OPER\_CRE\_PROV-3 +

0.105 \* Lag\_OPER\_CRE\_PROV-4 +

-0.0033 \* Lag\_PASS\_TOT-1 +

-0.0048 \* Lag\_PASS\_TOT-3 +

0.6898 \* Lag\_DESP\_PESS-1 +

0.498 \* Lag\_DESP\_PESS-2 +

0.3945 \* Lag\_DESP\_PESS-3 +

0.8204 \* Lag\_DESP\_PESS-4 +

0.1462 \* Lag\_DESP\_ADM-1 +

0.0739 \* Lag\_DESP\_ADM-2 +

-0.1894 \* Lag\_DESP\_TRIB-1 +

-0.2069 \* Lag\_DESP\_TRIB-3 +

0.0043 \* Lag\_TOT\_CAR\_PF-1 +

0.0053 \* Lag\_TOT\_CAR\_PF-2 +

0.0043 \* Lag\_TOT\_GER-1 +

0.0053 \* Lag\_TOT\_GER-2 +

0.0048 \* Lag\_RISCO\_A-1 +

0.0068 \* Lag\_RISCO\_A-2 +

0.1669 \* Lag\_RISCO\_B-1 +

0.4068 \* Lag\_RISCO\_B-2 +

1.0491 \* Lag\_RISCO\_B-3 +

0.8945 \* Lag\_RISCO\_C-1 +

0.6773 \* Lag\_RISCO\_C-2 +

0.4304 \* Lag\_RISCO\_C-3 +

0.4195 \* Lag\_RISCO\_C-4 +

0.2815 \* Lag\_RISCO\_D-1 +

0.3453 \* Lag\_RISCO\_D-4 +

-0.2367 \* Lag\_RISCO\_E-1 +

-0.1819 \* Lag\_RISCO\_E-2 +

-0.3203 \* Lag\_RISCO\_E-3 +

-0.3517 \* Lag\_RISCO\_E-4 +

-0.2899 \* Lag\_RISCO\_F-2 +

-0.3142 \* Lag\_RISCO\_F-3 +

0.7617 \* Lag\_RISCO\_G-3 +

0.0831 \* Lag\_RISCO\_H-1 +

441.4021 \* DATA-remapped^2 +

16.0509 \* DATA-remapped^3 +

0.0001 \* DATA-remapped\*Lag\_CC\_CLASS-4 +

-0.0005 \* DATA-remapped\*Lag\_CAPT-2 +

-0.001 \* DATA-remapped\*Lag\_CAPT-3 +

0.0014 \* DATA-remapped\*Lag\_CAPT-4 +

-0.0007 \* DATA-remapped\*Lag\_PATR\_LIQ-1 +

-0.0005 \* DATA-remapped\*Lag\_PATR\_LIQ-2 +

0.0018 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-3 +

0.0209 \* DATA-remapped\*Lag\_DESP\_PESS-1 +

0.0235 \* DATA-remapped\*Lag\_DESP\_PESS-2 +

0.019 \* DATA-remapped\*Lag\_DESP\_PESS-4 +

0.0035 \* DATA-remapped\*Lag\_DESP\_ADM-1 +

0.0026 \* DATA-remapped\*Lag\_DESP\_ADM-2 +

0.0101 \* DATA-remapped\*Lag\_DESP\_TRIB-2 +

0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PF-4 +

0.0001 \* DATA-remapped\*Lag\_TOT\_GER-4 +

0.0002 \* DATA-remapped\*Lag\_RISCO\_A-4 +

0.0107 \* DATA-remapped\*Lag\_RISCO\_B-3 +

-0.0033 \* DATA-remapped\*Lag\_RISCO\_E-1 +

0.0019 \* DATA-remapped\*Lag\_RISCO\_H-4 +

389671.3628

**Modelo Itaú:**

INAD\_TOT =

62788.0702 \* DATA-remapped +

-0.1025 \* Lag\_INAD\_TOT-2 +

0.1073 \* Lag\_INAD\_TOT-3 +

0.0568 \* Lag\_INAD\_TOT-4 +

-0.0022 \* Lag\_CC\_CLASS-1 +

-0.0099 \* Lag\_PATR\_LIQ-3 +

-0.0079 \* Lag\_PATR\_LIQ-4 +

-0.0322 \* Lag\_OPER\_CRE\_PROV-2 +

0.0491 \* Lag\_DESP\_PESS-3 +

0.0417 \* Lag\_DESP\_ADM-4 +

-0.2394 \* Lag\_DESP\_TRIB-1 +

0.0899 \* Lag\_DESP\_TRIB-2 +

0.1233 \* Lag\_DESP\_TRIB-3 +

-0.0025 \* Lag\_TOT\_CAR\_PJ-1 +

0.0068 \* Lag\_TOT\_CAR\_PJ-3 +

-0.0018 \* Lag\_TOT\_GER-1 +

0.0133 \* Lag\_RISCO\_AA-2 +

0.0098 \* Lag\_RISCO\_AA-3 +

0.0242 \* Lag\_RISCO\_A-4 +

0.0223 \* Lag\_RISCO\_B-1 +

0.0394 \* Lag\_RISCO\_B-2 +

0.039 \* Lag\_RISCO\_B-3 +

0.0284 \* Lag\_RISCO\_B-4 +

0.057 \* Lag\_RISCO\_C-1 +

0.0615 \* Lag\_RISCO\_C-2 +

0.0876 \* Lag\_RISCO\_C-4 +

0.1127 \* Lag\_RISCO\_D-2 +

0.2072 \* Lag\_RISCO\_D-4 +

-0.1461 \* Lag\_RISCO\_E-2 +

-0.1645 \* Lag\_RISCO\_E-4 +

0.2915 \* Lag\_RISCO\_F-2 +

-0.2449 \* Lag\_RISCO\_F-3 +

-0.0866 \* Lag\_RISCO\_F-4 +

-0.2512 \* Lag\_RISCO\_G-2 +

-0.2604 \* Lag\_RISCO\_G-3 +

0.1207 \* Lag\_RISCO\_H-1 +

-0.005 \* Lag\_TOT\_EXT-1 +

-0.0089 \* Lag\_TOT\_EXT-4 +

1629.5985 \* DATA-remapped^2 +

54.2551 \* DATA-remapped^3 +

0.0013 \* DATA-remapped\*Lag\_INAD\_TOT-4 +

0.0015 \* DATA-remapped\*Lag\_DESP\_PESS-3 +

-0.0056 \* DATA-remapped\*Lag\_DESP\_TRIB-1 +

0.0059 \* DATA-remapped\*Lag\_DESP\_TRIB-2 +

0.005 \* DATA-remapped\*Lag\_DESP\_TRIB-3 +

0.0002 \* DATA-remapped\*Lag\_RISCO\_AA-4 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_A-4 +

0.0015 \* DATA-remapped\*Lag\_RISCO\_B-4 +

0.0019 \* DATA-remapped\*Lag\_RISCO\_D-4 +

-0.0031 \* DATA-remapped\*Lag\_RISCO\_E-4 +

-0.0045 \* DATA-remapped\*Lag\_RISCO\_F-1 +

-0.0037 \* DATA-remapped\*Lag\_RISCO\_F-3 +

-0.0016 \* DATA-remapped\*Lag\_RISCO\_H-3 +

2352670.9942

**Modelo Nubank:**

INAD\_TOT =

38109.1388 \* DATA-remapped +

-0.0678 \* Lag\_INAD\_TOT-1 +

-0.0059 \* Lag\_CC\_CLASS-1 +

-0.0047 \* Lag\_CAPT-1 +

-0.0601 \* Lag\_PATR\_LIQ-1 +

-0.0348 \* Lag\_PATR\_LIQ-4 +

-0.0143 \* Lag\_RISCO\_A-3 +

-0.4453 \* Lag\_RISCO\_B-2 +

-1.8502 \* Lag\_RISCO\_E-4 +

1879.0636 \* DATA-remapped^2 +

115.9801 \* DATA-remapped^3 +

-0.0027 \* DATA-remapped\*Lag\_INAD\_TOT-1 +

-0.0002 \* DATA-remapped\*Lag\_CC\_CLASS-1 +

-0.0002 \* DATA-remapped\*Lag\_CAPT-1 +

-0.0023 \* DATA-remapped\*Lag\_PATR\_LIQ-1 +

0.0664 \* DATA-remapped\*Lag\_DESP\_TRIB-4 +

235897.2825

**Modelo Banco Pan:**

INAD\_TOT =

19929.5505 \* DATA-remapped +

-0.0712 \* Lag\_INAD\_TOT-1 +

0.0568 \* Lag\_INAD\_TOT-3 +

-0.1075 \* Lag\_INAD\_TOT-4 +

-0.0078 \* Lag\_ATIV\_TOT-2 +

0.0157 \* Lag\_ATIV\_TOT-4 +

-0.0149 \* Lag\_CC\_CLASS-3 +

0.0081 \* Lag\_CAPT-1 +

-0.0586 \* Lag\_PATR\_LIQ-2 +

-0.0592 \* Lag\_PATR\_LIQ-4 +

0.0988 \* Lag\_OPER\_CRE\_PROV-3 +

0.0072 \* Lag\_PASS\_TOT-3 +

0.0157 \* Lag\_PASS\_TOT-4 +

-0.1565 \* Lag\_DESP\_PESS-2 +

0.4582 \* Lag\_DESP\_PESS-3 +

-0.0747 \* Lag\_DESP\_ADM-1 +

-0.0582 \* Lag\_DESP\_ADM-4 +

-0.8985 \* Lag\_DESP\_TRIB-1 +

-0.0053 \* Lag\_TOT\_CAR\_PF-3 +

-0.0154 \* Lag\_TOT\_GER-3 +

-0.0074 \* Lag\_RISCO\_A-3 +

0.0447 \* Lag\_RISCO\_C-2 +

0.0417 \* Lag\_RISCO\_C-3 +

0.1642 \* Lag\_RISCO\_D-3 +

0.0847 \* Lag\_RISCO\_D-4 +

0.1692 \* Lag\_RISCO\_E-1 +

0.3058 \* Lag\_RISCO\_E-2 +

0.2852 \* Lag\_RISCO\_F-1 +

0.1926 \* Lag\_RISCO\_F-2 +

-0.7034 \* Lag\_RISCO\_G-1 +

1.4687 \* Lag\_RISCO\_G-2 +

-0.8161 \* Lag\_RISCO\_G-4 +

-0.1633 \* Lag\_RISCO\_H-3 +

499.0451 \* DATA-remapped^2 +

15.5999 \* DATA-remapped^3 +

-0.0018 \* DATA-remapped\*Lag\_INAD\_TOT-1 +

-0.002 \* DATA-remapped\*Lag\_INAD\_TOT-4 +

-0.0003 \* DATA-remapped\*Lag\_PATR\_LIQ-2 +

0.0141 \* DATA-remapped\*Lag\_DESP\_PESS-3 +

-0.0015 \* DATA-remapped\*Lag\_DESP\_ADM-1 +

-0.0026 \* DATA-remapped\*Lag\_DESP\_ADM-4 +

-0.0179 \* DATA-remapped\*Lag\_DESP\_TRIB-1 +

0.0211 \* DATA-remapped\*Lag\_DESP\_TRIB-2 +

0.0313 \* DATA-remapped\*Lag\_DESP\_TRIB-3 +

-0.0171 \* DATA-remapped\*Lag\_DESP\_TRIB-4 +

0.0016 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-1 +

0.0047 \* DATA-remapped\*Lag\_RISCO\_B-4 +

0.0075 \* DATA-remapped\*Lag\_RISCO\_C-3 +

0.0064 \* DATA-remapped\*Lag\_RISCO\_C-4 +

-0.0053 \* DATA-remapped\*Lag\_RISCO\_D-1 +

0.0054 \* DATA-remapped\*Lag\_RISCO\_D-3 +

-0.0093 \* DATA-remapped\*Lag\_RISCO\_G-1 +

0.0065 \* DATA-remapped\*Lag\_RISCO\_G-2 +

-0.009 \* DATA-remapped\*Lag\_RISCO\_G-4 +

216372.7035

**Modelo Santander:**

INAD\_TOT =

23677.3395 \* DATA-remapped +

-0.0365 \* Lag\_INAD\_TOT-2 +

-0.1057 \* Lag\_INAD\_TOT-4 +

0.0005 \* Lag\_ATIV\_TOT-1 +

0.0003 \* Lag\_ATIV\_TOT-2 +

0.0007 \* Lag\_CC\_CLASS-1 +

0.0009 \* Lag\_CAPT-1 +

0.0009 \* Lag\_CAPT-2 +

0.0005 \* Lag\_CAPT-4 +

0.0048 \* Lag\_PATR\_LIQ-2 +

-0.0098 \* Lag\_PATR\_LIQ-4 +

-0.0309 \* Lag\_OPER\_CRE\_PROV-1 +

-0.0293 \* Lag\_OPER\_CRE\_PROV-2 +

0.0538 \* Lag\_OPER\_CRE\_PROV-3 +

-0.0261 \* Lag\_OPER\_CRE\_PROV-4 +

0.0005 \* Lag\_PASS\_TOT-1 +

0.0003 \* Lag\_PASS\_TOT-2 +

0.0806 \* Lag\_DESP\_TRIB-1 +

0.1957 \* Lag\_DESP\_TRIB-2 +

-0.0916 \* Lag\_DESP\_TRIB-3 +

0.0025 \* Lag\_TOT\_CAR\_PJ-1 +

0.0063 \* Lag\_TOT\_CAR\_PJ-2 +

-0.0072 \* Lag\_TOT\_CAR\_PJ-4 +

0.0007 \* Lag\_TOT\_GER-1 +

0.0037 \* Lag\_RISCO\_AA-1 +

-0.0049 \* Lag\_RISCO\_A-1 +

0.0053 \* Lag\_RISCO\_A-2 +

0.0044 \* Lag\_RISCO\_A-4 +

0.0078 \* Lag\_RISCO\_C-1 +

-0.009 \* Lag\_RISCO\_C-4 +

0.0309 \* Lag\_RISCO\_D-1 +

0.0527 \* Lag\_RISCO\_D-3 +

-0.0249 \* Lag\_RISCO\_D-4 +

0.0566 \* Lag\_RISCO\_E-1 +

0.0754 \* Lag\_RISCO\_E-2 +

-0.1798 \* Lag\_RISCO\_E-3 +

0.0681 \* Lag\_RISCO\_E-4 +

-0.0974 \* Lag\_RISCO\_F-1 +

-0.0509 \* Lag\_RISCO\_F-2 +

-0.2112 \* Lag\_RISCO\_F-4 +

-0.3767 \* Lag\_RISCO\_G-2 +

0.3063 \* Lag\_RISCO\_G-3 +

0.6254 \* Lag\_RISCO\_G-4 +

0.0576 \* Lag\_RISCO\_H-3 +

0.01 \* Lag\_TOT\_EXT-1 +

0.0054 \* Lag\_TOT\_EXT-2 +

607.5076 \* DATA-remapped^2 +

18.8 \* DATA-remapped^3 +

-0.0018 \* DATA-remapped\*Lag\_DESP\_PESS-2 +

-0.0021 \* DATA-remapped\*Lag\_DESP\_PESS-4 +

-0.0011 \* DATA-remapped\*Lag\_DESP\_ADM-2 +

0.0011 \* DATA-remapped\*Lag\_DESP\_ADM-3 +

-0.0011 \* DATA-remapped\*Lag\_DESP\_ADM-4 +

0.0019 \* DATA-remapped\*Lag\_DESP\_TRIB-1 +

0.002 \* DATA-remapped\*Lag\_DESP\_TRIB-2 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_C-1 +

-0.0002 \* DATA-remapped\*Lag\_RISCO\_C-4 +

0.0004 \* DATA-remapped\*Lag\_RISCO\_D-1 +

0.0004 \* DATA-remapped\*Lag\_RISCO\_D-3 +

0.0009 \* DATA-remapped\*Lag\_RISCO\_E-2 +

-0.0007 \* DATA-remapped\*Lag\_RISCO\_E-3 +

0.0004 \* DATA-remapped\*Lag\_RISCO\_H-2 +

0.0002 \* DATA-remapped\*Lag\_TOT\_EXT-1 +

2509920.3427

**Modelo Banco Votorantim:**

INAD\_TOT =

-30823.9805 \* DATA-remapped +

0.0525 \* Lag\_INAD\_TOT-2 +

-0.0738 \* Lag\_INAD\_TOT-4 +

0.0028 \* Lag\_ATIV\_TOT-2 +

0.0024 \* Lag\_ATIV\_TOT-3 +

0.0035 \* Lag\_CC\_CLASS-1 +

0.0073 \* Lag\_CC\_CLASS-2 +

0.0057 \* Lag\_CC\_CLASS-3 +

-0.0027 \* Lag\_CAPT-1 +

0.005 \* Lag\_CAPT-2 +

0.0046 \* Lag\_CAPT-3 +

0.0102 \* Lag\_PATR\_LIQ-1 +

0.0143 \* Lag\_PATR\_LIQ-3 +

-0.0765 \* Lag\_OPER\_CRE\_PROV-2 +

0.0819 \* Lag\_OPER\_CRE\_PROV-4 +

0.0028 \* Lag\_PASS\_TOT-2 +

0.0024 \* Lag\_PASS\_TOT-3 +

-0.1284 \* Lag\_DESP\_PESS-2 +

-0.0749 \* Lag\_DESP\_ADM-4 +

0.0064 \* Lag\_TOT\_CAR\_PF-1 +

0.0062 \* Lag\_TOT\_CAR\_PF-2 +

0.0069 \* Lag\_TOT\_CAR\_PF-3 +

0.0108 \* Lag\_TOT\_CAR\_PF-4 +

0.0035 \* Lag\_TOT\_GER-1 +

0.0067 \* Lag\_TOT\_GER-2 +

0.0033 \* Lag\_TOT\_GER-3 +

-0.0283 \* Lag\_RISCO\_AA-1 +

0.0292 \* Lag\_RISCO\_AA-3 +

-0.0356 \* Lag\_RISCO\_AA-4 +

0.012 \* Lag\_RISCO\_A-1 +

0.0126 \* Lag\_RISCO\_A-2 +

0.0054 \* Lag\_RISCO\_A-4 +

0.0148 \* Lag\_RISCO\_B-1 +

-0.0211 \* Lag\_RISCO\_C-1 +

-0.0358 \* Lag\_RISCO\_C-2 +

0.0149 \* Lag\_RISCO\_C-3 +

0.0278 \* Lag\_RISCO\_C-4 +

-0.0474 \* Lag\_RISCO\_D-1 +

-0.0703 \* Lag\_RISCO\_D-4 +

-0.1521 \* Lag\_RISCO\_E-1 +

0.1948 \* Lag\_RISCO\_E-2 +

-0.3086 \* Lag\_RISCO\_E-3 +

-0.1559 \* Lag\_RISCO\_E-4 +

0.4066 \* Lag\_RISCO\_F-2 +

0.1723 \* Lag\_RISCO\_F-3 +

-0.1749 \* Lag\_RISCO\_F-4 +

0.0499 \* Lag\_RISCO\_G-2 +

-0.1074 \* Lag\_RISCO\_H-1 +

-0.0834 \* Lag\_RISCO\_H-2 +

0.1189 \* Lag\_RISCO\_H-4 +

0.0133 \* Lag\_TOT\_EXT-3 +

-0.0243 \* Lag\_TOT\_EXT-4 +

-769.5589 \* DATA-remapped^2 +

-23.5338 \* DATA-remapped^3 +

0.0025 \* DATA-remapped\*Lag\_INAD\_TOT-2 +

0.0029 \* DATA-remapped\*Lag\_INAD\_TOT-3 +

-0.007 \* DATA-remapped\*Lag\_INAD\_TOT-4 +

0.0001 \* DATA-remapped\*Lag\_CC\_CLASS-3 +

0.0002 \* DATA-remapped\*Lag\_PATR\_LIQ-3 +

-0.001 \* DATA-remapped\*Lag\_OPER\_CRE\_PROV-3 +

-0.0033 \* DATA-remapped\*Lag\_DESP\_PESS-2 +

-0.003 \* DATA-remapped\*Lag\_DESP\_PESS-3 +

-0.0027 \* DATA-remapped\*Lag\_DESP\_ADM-3 +

-0.0123 \* DATA-remapped\*Lag\_DESP\_TRIB-3 +

0.0001 \* DATA-remapped\*Lag\_TOT\_CAR\_PF-3 +

0.0003 \* DATA-remapped\*Lag\_TOT\_CAR\_PJ-3 +

0.0001 \* DATA-remapped\*Lag\_TOT\_GER-3 +

-0.0005 \* DATA-remapped\*Lag\_RISCO\_AA-1 +

0.0004 \* DATA-remapped\*Lag\_RISCO\_AA-3 +

0.0001 \* DATA-remapped\*Lag\_RISCO\_A-3 +

0.0003 \* DATA-remapped\*Lag\_RISCO\_B-3 +

0.0003 \* DATA-remapped\*Lag\_RISCO\_C-3 +

0.0015 \* DATA-remapped\*Lag\_RISCO\_D-3 +

0.0048 \* DATA-remapped\*Lag\_RISCO\_F-3 +

0.0009 \* DATA-remapped\*Lag\_RISCO\_G-2 +

0.002 \* DATA-remapped\*Lag\_RISCO\_G-3 +

0.0013 \* DATA-remapped\*Lag\_RISCO\_G-4 +

0.002 \* DATA-remapped\*Lag\_RISCO\_H-3 +

-0.0041 \* DATA-remapped\*Lag\_TOT\_EXT-1 +

0.0072 \* DATA-remapped\*Lag\_TOT\_EXT-3 +

-0.0039 \* DATA-remapped\*Lag\_TOT\_EXT-4 +

-3068035.5008