/\*更新到2020/9月資料\*/

/\*頭\*/

/\*approp\_ymd>=20200101 and approp\_ymd<20200701

+approp\_ymd>=20200701 BAD\*/

proc sql;

create table DATA\_2020080 as

select

a.\*,b. EDUCATION,b. RESIDENT\_STATUS\_CD,b. MARITAL\_STATUS\_CD,b. GENDER\_CD,b. ANNSALARY ,b. 'longest\_card(正卡含停卡)'N ,

b. Card\_Label,b. longest\_card,b. max\_limit,b. pay\_all,b. OTHER\_Q\_TOT,b. H\_AMT, b. H\_OS,

b. AVG\_SAVING\_BALANCE\_6MON,b. AVG\_SAVING\_BALANCE\_12MON

from /\*mis\_bk.DATA\_2020Ynew\*/MIS\_BK.data\_202009 a left join MIS\_BK.Test\_card\_raw\_data\_Nancy b

on a.NO=b.NO

;quit;

data DATA\_202008;

set DATA\_2020080;

if approp\_ymd>=20201001 /\*and bad2=0\*/ then delete;run;

libname ABT base '/app/sas94/ABT\_ABT';

proc sql;

create table ABT\_temp as

select

financial\_application\_id,

B0503 format= 18.8, B0506 format= 18.8,

B0508 format= 18.8,

B0544 format= 18.8, B0244 format= 18.8,

B0523 format= 18.8, B0524 format= 18.8,

sum(B0524, -B0527) as JCC\_Div\_BalToLmt\_L3M format= 18.8,

B0525 format= 18.8, B0527 format= 18.8,

B0530 format= 18.8, B0531 format= 18.8,

B0536 format= 18.8, B0537 format= 18.8, B0538 format= 18.8,

B0540 format= 18.8, B0542 format= 18.8, B0543 format= 18.8,

B0599 format= 18.8, B0600 format= 18.8, B0666 format= 18.8,

B0659 format= 18.8, B0660 format= 18.8, B0665 format= 18.8,

B0539 format= 18.8, B0430 format= 18.8, B0434 format= 18.8,

B0436 format= 18.8,

B0569 format= 18.8,

B0575 format= 18.8, B0572 format= 18.8, B0573 format= 18.8,

B0570 format= 18.8, B0571 format= 18.8,

B0574 format= 18.8, B0575 format= 18.8,

B0576 format= 18.8, B0700 format= 18.8, B0701 format= 18.8,

B0392 format= 18.8, B0342 format= 18.8, B0345 format= 18.8,

B0482 format= 18.8, B0393 format= 18.8, B0396 format= 18.8,

B0680 format= 18.8, B0681 format= 18.8, B0682 format= 18.8,

B0683 format= 18.8, B0684 format= 18.8, B0685 format= 18.8,

ACTIVE\_CARD\_COUNT,

FAVORITE\_CARD\_PERM\_LIMIT / FAVORITE\_CARD\_COUNT as FAVORITE\_CARD\_AVGLIMIT format= 18.8,

FAVORITE\_CARD\_COUNT,JCICCARD\_AGE format= 18.8,

sum(B0278, B0280, B0282, B0613)as JCU\_NewInqBankCnt,

sum(B0277, B0279, B0281, B0612)as JCU\_NewInqCnt,

OPEN\_BASE\_DT\_DIFF,OPEN\_CHANNEL

from ABT.LOAN\_ACARD\_ABT

;quit;

proc sql;

create table temp2 as

select t1.FINANCIAL\_APPLICATION\_ID

/\*,count(t1.FINANCIAL\_APPLICATION\_ID) as INCOME\_ITEM\_CNT\*/

,max(t2.Sys\_Income\_Amt) as MAX\_INCOME

,min(t2.Sys\_Income\_Amt) as MIN\_INCOME

from ABT\_temp t1

left join PCORE\_VW.PARTY\_BK\_LOAN\_CREDIT\_INCOME t2 on t1.FINANCIAL\_APPLICATION\_ID = t2.Appl\_Num

group by t1.FINANCIAL\_APPLICATION\_ID

/\*order by t1.FINANCIAL\_APPLICATION\_ID 觀察資料排序\*/

;

quit;

/\*合併PARTY\_BK\_LOAN\_CREDIT\_INCOME\*/

proc sql ;

create table ABT\_temp1 as

select \*

from ABT\_temp t1

left join temp2 t2 on t1.FINANCIAL\_APPLICATION\_ID = t2.FINANCIAL\_APPLICATION\_ID;

quit;

proc sql;

create table DATA\_202008\_1 as

select

a.\*,b. \*

from DATA\_202008 a left join ABT\_temp1 b

on a.APPLNO=b.financial\_application\_id

;quit;

/\*說明

JCU\_NewInqCnt有錯

刪除原來欄位更新新欄位

\*/

data JCU\_NewInqCnt\_new;

set mis\_bk.JCU\_NewInqCnt\_update;run;

proc sql;

create table test11 as

select

a.\*,b. JCU\_NewInqCnt

from DATA\_202008\_1 a left join JCU\_NewInqCnt\_new b

on a.APPLNO=b.APPLNO

;quit;

proc sql;

create table test12 as

select a.\*,b. EMPLOYMENT\_YEARS\_CNT ,b. AGE\_X ,b. COMPANY\_CONTACT\_POST\_CHK

from test11 a left join MIS\_BK.Test\_card\_raw\_data\_Nancy b

on a.NO=b.NO

;quit;

proc sql;

create table test13 as

select a.\*,b. COMPANY\_POSTAL\_CD\_type

from test12 a left join MIS\_BK.TEST\_city\_type\_Nancy b

on a.NO=b.NO

;quit;

proc sql;

create table test14 as

select a.\*,b. U\_CUST\_LEVEL

from test13 a left join MIS\_BK.TEST\_u\_cust\_level\_NANCY b

on a.NO=b.NO

;quit;

DATA txn\_update;

SET MIS\_BK.LL\_OB\_1\_M\_NANCY\_20210630/\*TEST\_txn\_update\_NANCY\*/;

format NO\_1 10.;

NO\_1=NO\*1;run;

proc sql;

create table test2 as

select a.\*,b. txn\_amt\_3mth\_new as txn\_amt\_3mth

from test14 a left join txn\_update b

on a.NO=b.NO\_1

;quit;

PROC SQl;

UPDATE test2 set COMPANY\_POSTAL\_CD\_TYPE='非都會區' where NO=8436;

UPDATE test2 set COMPANY\_CONTACT\_POST\_CHK='Y' where NO=8436;

UPDATE test2 set COMPANY\_POSTAL\_CD\_TYPE='非都會區' where NO=9033;

UPDATE test2 set COMPANY\_CONTACT\_POST\_CHK='N' where NO=9033;

UPDATE test2 set COMPANY\_POSTAL\_CD\_TYPE='都會區' where NO=11982;

UPDATE test2 set COMPANY\_CONTACT\_POST\_CHK='N' where NO=11982;

UPDATE test2 set COMPANY\_POSTAL\_CD\_TYPE='都會區' where NO=47297;

UPDATE test2 set COMPANY\_CONTACT\_POST\_CHK='N' where NO=47297;

QUIT;

data test21;

set test2;

drop JCU\_NEWINQCNT;run;

proc sql;

create table test2 as

select

a.\*,b. JCU\_NEWINQCNT

from test21 a left join mis\_bk.JCU\_NEWINQCNT\_UPDATE b

on a.NO=b.NO\_1

;quit;

/\*CHECK\*/

PROC FREQ data=test2;

TABLE Card\_Label\*bad2/LIST missing;

QUIT;

data short\_list;

set test2;

if Card\_Label in ('1','2','3');

format LONGEST\_CARD\_INCLUDE\_STOP 30.;

format ACTIVE\_CARD\_COUNT\_new $30.;

format AGE\_X\_new $30.;

format AVG\_SAVING\_BALANCE\_12MON\_new $30.;

format AVG\_SAVING\_BALANCE\_6MON\_new $30.;

format ANNSALARY\_new $30.;

format B0244\_new $30.;

format B0342\_new $30.;

format B0345\_new $30.;

format B0392\_new $30.;

format B0393\_new $30.;

format B0396\_new $30.;

format B0430\_new $30.;

format B0434\_new $30.;

format B0436\_new $30.;

format B0482\_new $30.;

format B0523\_new $30.;

format B0524\_new $30.;

format B0527\_new $30.;

format B0530\_new $30.;

format B0531\_new $30.;

format B0537\_new $30.;

format B0538\_new $30.;

format B0540\_new $30.;

format B0542\_new $30.;

format B0543\_new $30.;

format B0569\_new $30.;

format B0570\_new $30.;

format B0571\_new $30.;

format B0574\_new $30.;

format B0575\_new $30.;

format B0576\_new $30.;

format B0599\_new $30.;

format B0600\_new $30.;

format B0659\_new $30.;

format B0660\_new $30.;

format B0665\_new $30.;

format B0666\_new $30.;

format B0700\_new $30.;

format EMPLOYMENT\_YEARS\_CNT\_new $30.;

format FAVORITE\_CARD\_AVGLIMIT\_new $30.;

format FAVORITE\_CARD\_COUNT\_new $30.;

format H\_AMT\_new $30.;

format H\_OS\_new $30.;

format JCC\_DIV\_BALTOLMT\_L3M\_new $30.;

format JCICCARD\_AGE\_new $30.;

format JCU\_NEWINQBANKCNT\_new $30.;

format JCU\_NewInqCnt\_new $30.;

format MAX\_INCOME\_new $30.;

format MIN\_INCOME\_new $30.;

format EDUCATION\_new $30.;

format RESIDENT\_STATUS\_CD\_new $30.;

format U\_CUST\_LEVEL\_new $30.;

format OPEN\_CHANNEL\_new $30.;

format PAY\_ALL\_new $30.;

format MAX\_LIMIT\_new $30.;

format LONGEST\_CARD\_new $30.;

format B0572\_new $30.;

format LONGEST\_CARD\_INCLUDE\_STOP\_new $30.;

format B0573\_new $30.;

format B0680\_new $30.;

format B0681\_new $30.;

format B0682\_new $30.;

format B0683\_new $30.;

format B0684\_new $30.;

format B0685\_new $30.;

format B0536\_new $30.;

format B0539\_new $30.;

format other\_Q\_tot\_new $30.;

format MARITAL\_STATUS\_GENDER $30.; /\*婚姻x性別\*/

format COMPANY\_POSTAL\_CONTACT\_CHK $50.; /\*公司與通訊地址\*/

LONGEST\_CARD\_INCLUDE\_STOP='longest\_card(正卡含停卡)'N;

if ACTIVE\_CARD\_COUNT<=1 then ACTIVE\_CARD\_COUNT\_new='1\_<=1';

else if ACTIVE\_CARD\_COUNT>1 and ACTIVE\_CARD\_COUNT<=2 then ACTIVE\_CARD\_COUNT\_new='2\_1<&<=2';

else if ACTIVE\_CARD\_COUNT>2 and ACTIVE\_CARD\_COUNT<=3 then ACTIVE\_CARD\_COUNT\_new='3\_2<&<=3';

else if ACTIVE\_CARD\_COUNT>3 and ACTIVE\_CARD\_COUNT<=5 then ACTIVE\_CARD\_COUNT\_new='4\_3<&<=5';

else ACTIVE\_CARD\_COUNT\_new='5\_>5';

if AGE\_X<=26 then AGE\_X\_new='1\_<=26';

else if AGE\_X>26 and AGE\_X<=29 then AGE\_X\_new='2\_26<&<=29';

else if AGE\_X>29 and AGE\_X<=36 then AGE\_X\_new='3\_29<&<=36';

else if AGE\_X>36 and AGE\_X<=44 then AGE\_X\_new='4\_36<&<=44';

else AGE\_X\_new='5\_>44';

if AVG\_SAVING\_BALANCE\_12MON=. then AVG\_SAVING\_BALANCE\_12MON\_new='4\_遺失值';

else if AVG\_SAVING\_BALANCE\_12MON<=10 then AVG\_SAVING\_BALANCE\_12MON\_new='1\_<=10';

else if AVG\_SAVING\_BALANCE\_12MON>10 and AVG\_SAVING\_BALANCE\_12MON<=3950 then AVG\_SAVING\_BALANCE\_12MON\_new='2\_10<&<=3950';

else AVG\_SAVING\_BALANCE\_12MON\_new='3\_>3950';

if AVG\_SAVING\_BALANCE\_6MON=. then AVG\_SAVING\_BALANCE\_6MON\_new='4\_遺失值';

else if AVG\_SAVING\_BALANCE\_6MON<=2 then AVG\_SAVING\_BALANCE\_6MON\_new='1\_<=2';

else if AVG\_SAVING\_BALANCE\_6MON>2 and AVG\_SAVING\_BALANCE\_6MON<=6778 then AVG\_SAVING\_BALANCE\_6MON\_new='2\_2<&<=6778';

else AVG\_SAVING\_BALANCE\_6MON\_new='3\_>6778';

if ANNSALARY<=346000 then ANNSALARY\_new='1\_<=346000';

else if ANNSALARY>346000 and ANNSALARY<=460000 then ANNSALARY\_new='2\_346000<&<=460000';

else if ANNSALARY>460000 and ANNSALARY<=580000 then ANNSALARY\_new='3\_460000<&<=580000';

else if ANNSALARY>580000 and ANNSALARY<=780000 then ANNSALARY\_new='4\_580000<&<=780000';

else ANNSALARY\_new='5\_>780000';

if B0244<=0 then B0244\_new='1\_<=0或遺失值';

else if B0244=. then B0244\_new='1\_<=0或遺失值';

else if B0244>0 and B0244<=0.076 then B0244\_new='2\_0<&<=0.076';

else if B0244>0.076 and B0244<=0.252 then B0244\_new='3\_0.076<&<=0.252';

else B0244\_new='4\_>0.252';

if B0342<=0 then B0342\_new='1\_<=0';

else if B0342>0 and B0342<=400 then B0342\_new='2\_0<&<=400';

else if B0342>400 and B0342<=700 then B0342\_new='3\_400<&<=700';

else if B0342>700 and B0342<=1200 then B0342\_new='4\_700<&<=1200';

else B0342\_new='5\_>1200';

if B0345=. then B0345\_new='4\_遺失值';

else if B0345<=0.022 then B0345\_new='1\_<=0.022';

else if B0345>0.022 and B0345<=0.66 then B0345\_new='2\_0.022<&<=0.66';

else B0345\_new='3\_>0.66';

if B0392=. then B0392\_new='3\_遺失值';

else if B0392=0 then B0392\_new='1\_0';

else B0392\_new='2\_>0';

if B0393=. then B0393\_new='3\_遺失值';

else if B0393<=260 then B0393\_new='1\_<=260';

else B0393\_new='2\_>260';

if B0396=. then B0396\_new='3\_遺失值';

else if B0396<=0.72 then B0396\_new='1\_<=0.72';

else B0396\_new='2\_>0.72';

if B0430=. then B0430\_new='1\_遺失值或<=0';

else if B0430<=0 then B0430\_new='1\_遺失值或<=0';

else if B0430>0 and B0430<=400 then B0430\_new='2\_0<&<=400';

else if B0430>400 and B0430<=1000 then B0430\_new='3\_400<&<=1000';

else if B0430>1000 and B0430<=3800 then B0430\_new='4\_1000<&<=3800';

else B0430\_new='5\_>3800';

if B0434=. then B0434\_new='1\_遺失值或<=0';

else if B0434<=0 then B0434\_new='1\_遺失值或<=0';

else if B0434>0 and B0434<=300 then B0434\_new='2\_0<&<=300';

else if B0434>300 and B0434<=700 then B0434\_new='3\_300<&<=700';

else if B0434>700 and B0434<=1400 then B0434\_new='4\_700<&<=1400';

else B0434\_new='4\_>1400';

if B0436=. then B0436\_new='1\_遺失值或<=0';

else if B0436<=0 then B0436\_new='1\_遺失值或<=0';

else if B0436>0 and B0436<=300 then B0436\_new='2\_0<&<=300';

else if B0436>300 and B0436<=600 then B0436\_new='3\_300<&<=600';

else if B0436>600 and B0436<=1200 then B0436\_new='4\_600<&<=1200';

else B0436\_new='5\_>1200';

if B0482=. then B0482\_new='1\_遺失值';

else if B0482<=0.285 then B0482\_new='2\_<=0.285';

else B0482\_new='3\_>0.285';

if B0523=. then B0523\_new='1\_遺失值或<=0';

else if B0523<=0 then B0523\_new='1\_遺失值或<=0';

else if B0523>0 and B0523<=0.15 then B0523\_new='2\_0<&<=0.15';

else if B0523>0.15 and B0523<=0.31 then B0523\_new='3\_0.15<&<=0.31';

else if B0523>0.31 and B0523<=0.65 then B0523\_new='4\_0.31<&<=0.65';

else B0523\_new='5\_>0.65';

if B0524=. then B0524\_new='1\_遺失值或<=0';

else if B0524<=0 then B0524\_new='1\_遺失值或<=0';

else if B0524>0 and B0524<=0.12 then B0524\_new='2\_0<&<=0.12';

else if B0524>0.12 and B0524<=0.29 then B0524\_new='3\_0.12<&<=0.29';

else if B0524>0.29 and B0524<=0.60 then B0524\_new='4\_0.29<&<=0.60';

else B0524\_new='5\_>0.60';

if B0527=. then B0527\_new='1\_遺失值或<=0';

else if B0527<=0 then B0527\_new='1\_遺失值或<=0';

else if B0527>0 and B0527<=0.295 then B0527\_new='2\_0<&<=0.295';

else if B0527>0.295 and B0527<=0.5 then B0527\_new='3\_0.295<&<=0.5';

else if B0527>0.5 and B0527<=0.77 then B0527\_new='4\_0.5<&<=0.77';

else B0527\_new='5\_>0.77';

if B0530=. then B0530\_new='1\_遺失值或<=0';

else if B0530<=0 then B0530\_new='1\_遺失值或<=0';

else if B0530>0 and B0530<=0.012 then B0530\_new='2\_0<&<=0.012';

else if B0530>0.012 and B0530<=0.148 then B0530\_new='3\_0.012<&<=0.148';

else if B0530>0.148 and B0530<=0.409 then B0530\_new='4\_0.148<&<=0.409';

else B0530\_new='5\_>0.409';

if B0531=. then B0531\_new='1\_遺失值或<=0';

else if B0531<=0 then B0531\_new='1\_遺失值或<=0';

else if B0531>0 and B0531<=0.04 then B0531\_new='2\_0<&<=0.04';

else if B0531>0.04 and B0531<=0.28 then B0531\_new='3\_0.04<&<=0.28';

else B0531\_new='4\_>0.28';

if B0537=. then B0537\_new='1\_遺失值或<=0';

else if B0537<=0 then B0537\_new='1\_遺失值或<=0';

else if B0537>0 and B0537<=0.167 then B0537\_new='2\_0<&<=0.167';

else if B0537>0.167 and B0537<=0.288 then B0537\_new='3\_0.167<&<=0.288';

else B0537\_new='5\_>0.288';

if B0538=. then B0538\_new='1\_遺失值或<=0';

else if B0538<=0 then B0538\_new='1\_遺失值或<=0';

else if B0538>0 and B0538<=0.03 then B0538\_new='2\_0<&<=0.03';

else if B0538>0.03 and B0538<=0.23 then B0538\_new='3\_0.03<&<=0.23';

else B0538\_new='5\_>0.23';

if B0540=. then B0540\_new='5\_遺失值';

else if B0540<=0 then B0540\_new='1\_<=0';

else if B0540>0 and B0540<=0.71 then B0540\_new='2\_0<&<=0.71';

else if B0540>0.71 and B0540<=0.85 then B0540\_new='3\_0.71<&<=0.85';

else B0540\_new='4\_>0.85';

if B0542<=0 then B0542\_new='1\_遺失值或<=0';

else if B0542=. then B0542\_new='1\_遺失值或<=0';

else if B0542>0 and B0542<=0.125 then B0542\_new='2\_0<&<=0.125';

else if B0542>0.125 and B0542<=0.55 then B0542\_new='3\_0.125<&<=0.55';

else B0542\_new='4\_>0.55';

if B0543<=0 then B0543\_new='1\_遺失值或<=0';

else if B0543=. then B0543\_new='1\_遺失值或<=0';

else if B0543>0 and B0543<=0.18 then B0543\_new='2\_0<&<=0.18';

else if B0543>0.18 and B0543<=0.75 then B0543\_new='3\_0.18<&<=0.75';

else B0543\_new='4\_>0.75';

if B0569<=1 then B0569\_new='1\_<=1';

else if B0569>1 and B0569<=6 then B0569\_new='2\_1<&<=6';

else if B0569>6 and B0569<=9 then B0569\_new='3\_6<&<=9';

else if B0569>9 and B0569<=11 then B0569\_new='4\_9<&<=11';

else B0569\_new='5\_>11';

if B0570<=45200 then B0570\_new='1\_<=45200';

else if B0570>45200 and B0570<=63100 then B0570\_new='2\_45200<&<=63100';

else if B0570>63100 and B0570<=78800 then B0570\_new='3\_63100<&<=78800';

else if B0570>78800 and B0570<=103400 then B0570\_new='4\_78800<&<=103400';

else if B0570>103400 and B0570<=178300 then B0570\_new='5\_103400<&<=178300';

else B0570\_new='6\_>178300';

if B0571<=40500 then B0571\_new='1\_<=40500';

else if B0571>40500 and B0571<=183500 then B0571\_new='2\_40500<&<=183500';

else if B0571>183500 and B0571<=315500 then B0571\_new='3\_183500<&<=315500';

else if B0571>315500 and B0571<=520000 then B0571\_new='4\_315500<&<=520000';

else if B0571>520000 and B0571<=891500 then B0571\_new='5\_520000<&<=891500';

else B0571\_new='6\_>891500';

if B0574<=40100 then B0574\_new='1\_<=40100';

else if B0574>40100 and B0574<=155200 then B0574\_new='2\_40100<&<=155200';

else if B0574>155200 and B0574<=306000 then B0574\_new='3\_155200<&<=306000';

else if B0574>306000 and B0574<=985300 then B0574\_new='4\_306000<&<=985300';

else B0574\_new='5\_>985300';

if B0575<=47900 then B0575\_new='1\_<=47900';

else if B0575>47900 and B0575<=155100 then B0575\_new='2\_47900<&<=155100';

else if B0575>155100 and B0575<=300000 then B0575\_new='3\_155100<&<=300000';

else if B0575>300000 and B0575<=890200 then B0575\_new='4\_300000<&<=890200';

else B0575\_new='5\_>890200';

if B0576<=35500 then B0576\_new='1\_<=35500';

else if B0576>35500 and B0576<=112400 then B0576\_new='2\_35500<&<=112400';

else if B0576>112400 and B0576<=258400 then B0576\_new='3\_112400<&<=258400';

else if B0576>258400 and B0576<=458600 then B0576\_new='4\_258400<&<=458600';

else B0576\_new='5\_>458600';

if B0599=. then B0599\_new='1\_遺失值';

else if B0599<=350 then B0599\_new='2\_<=350';

else if B0599>350 and B0599<=625 then B0599\_new='3\_350<&<=625';

else if B0599>625 and B0599<=2646 then B0599\_new='4\_625<&<=2646';

else B0599\_new='5\_>2646';

if B0600=. then B0600\_new='1\_遺失值';

else if B0600<=360 then B0600\_new='2\_<=360';

else if B0600>360 and B0600<=600 then B0600\_new='3\_360<&<=600';

else B0600\_new='4\_>600';

if B0659=. then B0659\_new='1\_遺失值或<=0.11';

else if B0659<=0.11 then B0659\_new='1\_遺失值或<=0.11';

else if B0659>0.11 and B0659<=0.78 then B0659\_new='2\_0.11<&<=0.78';

else if B0659>0.78 and B0659<=1.78 then B0659\_new='3\_0.78<&<=1.78';

else B0659\_new='4\_>1.78';

if B0660=. then B0660\_new='1\_遺失值或<=0.083';

else if B0660<=0.083 then B0660\_new='1\_遺失值或<=0.083';

else if B0660>0.083 and B0660<=0.89 then B0660\_new='2\_0.083<&<=0.89';

else if B0660>0.89 and B0660<=1.67 then B0660\_new='3\_0.89<&<=1.67';

else B0660\_new='4\_>1.67';

if B0665=. then B0665\_new='1\_遺失值或<=0';

else if B0665<=0 then B0665\_new='1\_遺失值或<=0';

else if B0665>0 and B0665<=0.11 then B0665\_new='2\_0<&<=0.11';

else if B0665>0.11 and B0665<=0.36 then B0665\_new='3\_0.11<&<=0.36';

else if B0665>0.36 and B0665<=0.76 then B0665\_new='4\_0.36<&<=0.76';

else B0665\_new='5\_>0.76';

if B0666=. then B0666\_new='1\_遺失值或<=0';

else if B0666<=0 then B0666\_new='1\_遺失值或<=0';

else if B0666>0 and B0666<=0.07 then B0666\_new='2\_0<&<=0.07';

else if B0666>0.07 and B0666<=0.42 then B0666\_new='3\_0.07<&<=0.42';

else if B0666>0.42 and B0666<=0.79 then B0666\_new='4\_0.42<&<=0.79';

else B0666\_new='5\_>0.79';

if B0700=. then B0700\_new='1\_遺失值或<=0';

else if B0700<=0 then B0700\_new='1\_遺失值或<=0';

else if B0700>0 and B0700<=0.03 then B0700\_new='2\_0<&<=0.03';

else if B0700>0.03 and B0700<=0.178 then B0700\_new='3\_0.03<&<=0.178';

else if B0700>0.178 and B0700<=0.62 then B0700\_new='4\_0.178<&<=0.62';

else B0700\_new='5\_>0.62';

if EMPLOYMENT\_YEARS\_CNT<=103 then EMPLOYMENT\_YEARS\_CNT\_new='1\_<=103';

else if EMPLOYMENT\_YEARS\_CNT>103 and EMPLOYMENT\_YEARS\_CNT<=300 then EMPLOYMENT\_YEARS\_CNT\_new='2\_103<&<=300';

else if EMPLOYMENT\_YEARS\_CNT>300 and EMPLOYMENT\_YEARS\_CNT<=704 then EMPLOYMENT\_YEARS\_CNT\_new='3\_300<&<=704';

else EMPLOYMENT\_YEARS\_CNT\_new='4\_>704';

if FAVORITE\_CARD\_AVGLIMIT<=46100 then FAVORITE\_CARD\_AVGLIMIT\_new='1\_<=46100';

else if FAVORITE\_CARD\_AVGLIMIT>46100 and FAVORITE\_CARD\_AVGLIMIT<=78600 then FAVORITE\_CARD\_AVGLIMIT\_new='2\_46100<&<=78600';

else if FAVORITE\_CARD\_AVGLIMIT>78600 and FAVORITE\_CARD\_AVGLIMIT<=106000 then FAVORITE\_CARD\_AVGLIMIT\_new='3\_78600<&<=106000';

else if FAVORITE\_CARD\_AVGLIMIT>106000 and FAVORITE\_CARD\_AVGLIMIT<=178500 then FAVORITE\_CARD\_AVGLIMIT\_new='4\_106000<&<=178500';

else FAVORITE\_CARD\_AVGLIMIT\_new='5\_>178500';

if FAVORITE\_CARD\_COUNT<=1 then FAVORITE\_CARD\_COUNT\_new='1\_<=1';

else if FAVORITE\_CARD\_COUNT>1 and FAVORITE\_CARD\_COUNT<=3 then FAVORITE\_CARD\_COUNT\_new='2\_1<&<=3';

else if FAVORITE\_CARD\_COUNT>3 and FAVORITE\_CARD\_COUNT<=4 then FAVORITE\_CARD\_COUNT\_new='3\_3<&<=4';

else FAVORITE\_CARD\_COUNT\_new='4\_>4';

if H\_AMT=. then H\_AMT\_new='1\_遺失值或<=0';

else if H\_AMT<=0 then H\_AMT\_new='1\_遺失值或<=0';

else if H\_AMT>0 and H\_AMT<=260 then H\_AMT\_new='2\_0<&<=260';

else if H\_AMT>260 and H\_AMT<=730 then H\_AMT\_new='3\_260<&<=730';

else if H\_AMT>730 and H\_AMT<=1260 then H\_AMT\_new='4\_730<&<=1260';

else H\_AMT\_new='5\_>1260';

if H\_OS=. then H\_OS\_new='1\_遺失值或<=0';

else if H\_OS<=0 then H\_OS\_new='1\_遺失值或<=0';

else if H\_OS>0 and H\_OS<=351 then H\_OS\_new='2\_0<&<=351';

else if H\_OS>351 and H\_OS<=628 then H\_OS\_new='3\_351<&<=628';

else H\_OS\_new='4\_>628';

if JCC\_DIV\_BALTOLMT\_L3M=. then JCC\_DIV\_BALTOLMT\_L3M\_new='1\_遺失值或<=-0.05';

else if JCC\_DIV\_BALTOLMT\_L3M<=-0.05 then JCC\_DIV\_BALTOLMT\_L3M\_new='1\_遺失值或<=-0.05';

else if JCC\_DIV\_BALTOLMT\_L3M>-0.05 and JCC\_DIV\_BALTOLMT\_L3M<0 then JCC\_DIV\_BALTOLMT\_L3M\_new='2\_-0.05<&<0';

else if JCC\_DIV\_BALTOLMT\_L3M>=0 and JCC\_DIV\_BALTOLMT\_L3M<=0.07 then JCC\_DIV\_BALTOLMT\_L3M\_new='3\_0<=&<=0.07';

else JCC\_DIV\_BALTOLMT\_L3M\_new='4\_>0.07';

if JCICCARD\_AGE=. then JCICCARD\_AGE\_new='1\_遺失值或<=1';

else if JCICCARD\_AGE<=1 then JCICCARD\_AGE\_new='1\_遺失值或<=1';

else if JCICCARD\_AGE>1 and JCICCARD\_AGE<=5 then JCICCARD\_AGE\_new='2\_1<&<=5';

else if JCICCARD\_AGE>5 and JCICCARD\_AGE<=9 then JCICCARD\_AGE\_new='3\_5<&<=9';

else JCICCARD\_AGE\_new='4\_>9';

if JCU\_NEWINQBANKCNT=. then JCU\_NEWINQBANKCNT\_new='1\_遺失值或0';

else if JCU\_NEWINQBANKCNT=0 then JCU\_NEWINQBANKCNT\_new='1\_遺失值或0';

else if JCU\_NEWINQBANKCNT<=2 then JCU\_NEWINQBANKCNT\_new='2\_<=2';

else if JCU\_NEWINQBANKCNT>2 and JCU\_NEWINQBANKCNT<=5 then JCU\_NEWINQBANKCNT\_new='3\_2<&<=5';

else JCU\_NEWINQBANKCNT\_new='4\_>5';

if MAX\_INCOME<=312220 then MAX\_INCOME\_new='1\_<=312220';

else if MAX\_INCOME>312220 and MAX\_INCOME<=378953 then MAX\_INCOME\_new='2\_312220<&<=378953';

else if MAX\_INCOME>378953 and MAX\_INCOME<=450847 then MAX\_INCOME\_new='3\_378953<&<=450847';

else if MAX\_INCOME>450847 and MAX\_INCOME<=639520 then MAX\_INCOME\_new='4\_450847<&<=639520';

else if MAX\_INCOME>639520 and MAX\_INCOME<=1151935 then MAX\_INCOME\_new='5\_639520<&<=1151935';

else MAX\_INCOME\_new='6\_>1151935';

if MIN\_INCOME<=239883 then MIN\_INCOME\_new='1\_<=239883';

else if MIN\_INCOME>239883 and MIN\_INCOME<=378953 then MIN\_INCOME\_new='2\_239883<&<=378953';

else if MIN\_INCOME>378953 and MIN\_INCOME<=633705 then MIN\_INCOME\_new='3\_378953<&<=633705';

else if MIN\_INCOME>633705 and MIN\_INCOME<=757903 then MIN\_INCOME\_new='4\_633705<&<=757903';

else if MIN\_INCOME>757903 and MIN\_INCOME<=983554 then MIN\_INCOME\_new='5\_757903<&<=983554';

else MIN\_INCOME\_new='6\_>983554';

if EDUCATION=0 then EDUCATION\_new='1\_研究所以上';

else if EDUCATION=1 then EDUCATION\_new='2\_大學(專)';

else EDUCATION\_new='3\_高中(含)以下';

if RESIDENT\_STATUS\_CD in ('0','1') then RESIDENT\_STATUS\_CD\_new='1\_自住';

else if RESIDENT\_STATUS\_CD='2' then RESIDENT\_STATUS\_CD\_new='2\_租賃';

else RESIDENT\_STATUS\_CD\_new='3\_與親友同住或其他';

if U\_CUST\_LEVEL in ('A','B','C') then U\_CUST\_LEVEL\_new='1\_A~C';

else if U\_CUST\_LEVEL='D' then U\_CUST\_LEVEL\_new='2\_D';

else if U\_CUST\_LEVEL='E' then U\_CUST\_LEVEL\_new='3\_E';

else U\_CUST\_LEVEL\_new='4\_F~H';

if OPEN\_CHANNEL='1' then OPEN\_CHANNEL\_new='1\_IB';

else if OPEN\_CHANNEL='2' then OPEN\_CHANNEL\_new='2\_MB(MW) 手機瀏覽器';

else if OPEN\_CHANNEL='3' then OPEN\_CHANNEL\_new='3\_MB(APP)';

else OPEN\_CHANNEL\_new='4\_非網路管道及其他';

if PAY\_ALL=. then PAY\_ALL\_new='1\_遺失值或<=1';

else if PAY\_ALL<=1 then PAY\_ALL\_new='1\_遺失值或<=1';

else if PAY\_ALL>1 and PAY\_ALL<=4 then PAY\_ALL\_new='2\_1<&<=4';

else if PAY\_ALL>4 and PAY\_ALL<=7 then PAY\_ALL\_new='3\_4<&<=7';

else if PAY\_ALL>7 and PAY\_ALL<=11 then PAY\_ALL\_new='4\_7<&<=11';

else if PAY\_ALL>11 and PAY\_ALL<=18 then PAY\_ALL\_new='5\_11<&<=18';

else PAY\_ALL\_new='6\_>18';

if MAX\_LIMIT=. then MAX\_LIMIT\_new='1\_遺失值或<=45500';

else if MAX\_LIMIT<=45500 then MAX\_LIMIT\_new='1\_遺失值或<=45500';

else if MAX\_LIMIT>45500 and MAX\_LIMIT<=79500 then MAX\_LIMIT\_new='2\_45500<&<=79500';

else if MAX\_LIMIT>79500 and MAX\_LIMIT<=106500 then MAX\_LIMIT\_new='3\_79500<&<=106500';

else if MAX\_LIMIT>106500 and MAX\_LIMIT<=137500 then MAX\_LIMIT\_new='4\_106500<&<=137500';

else if MAX\_LIMIT>137500 and MAX\_LIMIT<=180500 then MAX\_LIMIT\_new='5\_137500<&<=180500';

else MAX\_LIMIT\_new='6\_>180500';

if LONGEST\_CARD=. then LONGEST\_CARD\_new='1\_遺失值或<=7';

else if LONGEST\_CARD<=7 then LONGEST\_CARD\_new='1\_遺失值或<=7';

else if LONGEST\_CARD>7 and LONGEST\_CARD<=42 then LONGEST\_CARD\_new='2\_7<&<=42';

else if LONGEST\_CARD>42 and LONGEST\_CARD<=61 then LONGEST\_CARD\_new='3\_42<&<=61';

else if LONGEST\_CARD>61 and LONGEST\_CARD<=89 then LONGEST\_CARD\_new='4\_61<&<=89';

else if LONGEST\_CARD>89 and LONGEST\_CARD<=119 then LONGEST\_CARD\_new='5\_89<&<=119';

else LONGEST\_CARD\_new='6\_>119';

if B0572=. then B0572\_new='1\_遺失值或<=60000';

else if B0572<=60000 then B0572\_new='1\_遺失值或<=60000';

else if B0572>60000 and B0572<=185000 then B0572\_new='2\_60000<&<=185000';

else if B0572>185000 and B0572<=348000 then B0572\_new='3\_185000<&<=348000';

else if B0572>348000 and B0572<=875000 then B0572\_new='4\_348000<&<=875000';

else B0572\_new='5\_>875000';

if LONGEST\_CARD\_INCLUDE\_STOP=. then LONGEST\_CARD\_INCLUDE\_STOP\_new='1\_遺失值或<=11';

else if LONGEST\_CARD\_INCLUDE\_STOP<=11 then LONGEST\_CARD\_INCLUDE\_STOP\_new='1\_遺失值或<=11';

else if LONGEST\_CARD\_INCLUDE\_STOP>11 and LONGEST\_CARD\_INCLUDE\_STOP<=42 then LONGEST\_CARD\_INCLUDE\_STOP\_new='2\_11<&<=42';

else if LONGEST\_CARD\_INCLUDE\_STOP>42 and LONGEST\_CARD\_INCLUDE\_STOP<=65 then LONGEST\_CARD\_INCLUDE\_STOP\_new='3\_42<&<=65';

else if LONGEST\_CARD\_INCLUDE\_STOP>65 and LONGEST\_CARD\_INCLUDE\_STOP<=107 then LONGEST\_CARD\_INCLUDE\_STOP\_new='4\_65<&<=107';

else if LONGEST\_CARD\_INCLUDE\_STOP>107 and LONGEST\_CARD\_INCLUDE\_STOP<=187 then LONGEST\_CARD\_INCLUDE\_STOP\_new='5\_107<&<=187';

else LONGEST\_CARD\_INCLUDE\_STOP\_new='6\_>187';

if B0573=. then B0573\_new='1\_遺失值或<=40000';

else if B0573<=40000 then B0573\_new='1\_遺失值或<=40000';

else if B0573>40000 and B0573<=155400 then B0573\_new='2\_40000<&<=155400';

else if B0573>155400 and B0573<=306800 then B0573\_new='3\_155400<&<=306800';

else if B0573>306800 and B0573<=965400 then B0573\_new='4\_306800<&<=965400';

else B0573\_new='5\_>965400';

if B0680=. then B0680\_new='1\_遺失值或0';

else if B0680=0 then B0680\_new='1\_遺失值或0';

else if B0680<=0.32 then B0680\_new='2\_<=0.32';

else if B0680>0.32 and B0680<=0.62 then B0680\_new='3\_0.32<&<=0.62';

else B0680\_new='4\_>0.62';

if B0681=. then B0681\_new='1\_遺失值或0';

else if B0681=0 then B0681\_new='1\_遺失值或0';

else if B0681<=0.33 then B0681\_new='2\_<=0.33';

else if B0681>0.33 and B0681<=0.79 then B0681\_new='3\_0.33<&<=0.79';

else B0681\_new='4\_>0.79';

if B0682=. then B0682\_new='1\_遺失值或0';

else if B0682=0 then B0682\_new='1\_遺失值或0';

else if B0682<=0.24 then B0682\_new='2\_<=0.24';

else if B0682>0.24 and B0682<=0.75 then B0682\_new='3\_0.24<&<=0.75';

else B0682\_new='4\_>0.75';

if B0683=. then B0683\_new='1\_遺失值或0';

else if B0683=0 then B0683\_new='1\_遺失值或0';

else if B0683<=0.33 then B0683\_new='2\_<=0.33';

else if B0683>0.33 and B0683<=0.58 then B0683\_new='3\_0.33<&<=0.58';

else if B0683>0.58 and B0683<=0.80 then B0683\_new='4\_0.58<&<=0.80';

else B0683\_new='5\_>0.80';

if B0684=. then B0684\_new='1\_遺失值或0';

else if B0684=0 then B0684\_new='1\_遺失值或0';

else if B0684<=0.21 then B0684\_new='2\_<=0.21';

else if B0684>0.21 and B0684<=0.54 then B0684\_new='3\_0.21<&<=0.54';

else if B0684>0.54 and B0684<=0.80 then B0684\_new='4\_0.54<&<=0.80';

else B0684\_new='5\_>0.80';

if B0685=. then B0685\_new='1\_遺失值或<=-0.2';

else if B0685<=-0.2 then B0685\_new='1\_遺失值或<=-0.2';

else if B0685>-0.2 and B0685<=-0.06 then B0685\_new='2\_-0.2<&<=-0.06';

else if B0685>-0.06 and B0685<0 then B0685\_new='3\_-0.06<&<0';

else if B0685=0 then B0685\_new='4\_0';

else B0685\_new='5\_>0';

if B0536=. then B0536\_new='1\_遺失值或0';

else if B0536=0 then B0536\_new='1\_遺失值或0';

else if B0536<=0.08 then B0536\_new='2\_<=0.08';

else if B0536>0.08 and B0536<=0.274 then B0536\_new='3\_0.08<&<=0.274';

else B0536\_new='4\_>0.274';

if B0539=. then B0539\_new='1\_遺失值或0';

else if B0539=0 then B0539\_new='1\_遺失值或0';

else if B0539<=0.021 then B0539\_new='2\_<=0.021';

else if B0539>0.021 and B0539<=0.195 then B0539\_new='3\_0.021<&<=0.195';

else B0539\_new='4\_>0.195';

if other\_Q\_tot=. then other\_Q\_tot\_new='1\_遺失值或0';

else if other\_Q\_tot=0 then other\_Q\_tot\_new='1\_遺失值或0';

else if other\_Q\_tot<=1 then other\_Q\_tot\_new='2\_<=1';

else if other\_Q\_tot>1 and other\_Q\_tot<=2 then other\_Q\_tot\_new='3\_1<&<=2';

else other\_Q\_tot\_new='4\_>2';

if MARITAL\_STATUS\_CD=1 and GENDER\_CD='F' then MARITAL\_STATUS\_GENDER='1\_已婚女';

else if MARITAL\_STATUS\_CD=2 and GENDER\_CD='F' then MARITAL\_STATUS\_GENDER='2\_未婚女';

else if MARITAL\_STATUS\_CD=1 and GENDER\_CD='M' then MARITAL\_STATUS\_GENDER='3\_已婚男';

else MARITAL\_STATUS\_GENDER='4\_未婚男';

if COMPANY\_POSTAL\_CD\_TYPE^='都會區' and COMPANY\_CONTACT\_POST\_CHK='Y' then COMPANY\_POSTAL\_CONTACT\_CHK='1\_非都會，公司與通訊地同區';

else if COMPANY\_POSTAL\_CD\_TYPE='都會區' and COMPANY\_CONTACT\_POST\_CHK='Y' then COMPANY\_POSTAL\_CONTACT\_CHK='2\_都會，公司與通訊地同區';

else if COMPANY\_POSTAL\_CD\_TYPE^='都會區' and COMPANY\_CONTACT\_POST\_CHK='N' then COMPANY\_POSTAL\_CONTACT\_CHK='3\_非都會，公司與通訊地不同區';

else if COMPANY\_POSTAL\_CD\_TYPE='都會區' and COMPANY\_CONTACT\_POST\_CHK='N' then COMPANY\_POSTAL\_CONTACT\_CHK='4\_都會，公司與通訊地不同區';

else COMPANY\_POSTAL\_CONTACT\_CHK='5\_其他';

if JCU\_NewInqCnt=. then JCU\_NewInqCnt\_new='1\_遺失值或0';

else if JCU\_NewInqCnt=0 then JCU\_NewInqCnt\_new='1\_遺失值或0';

else if JCU\_NewInqCnt<=1 then JCU\_NewInqCnt\_new='2\_<=1';

else if JCU\_NewInqCnt=2 then JCU\_NewInqCnt\_new='3\_1<&<=2';

else JCU\_NewInqCnt\_new='4\_>2';

keep NO Bad2

ACTIVE\_CARD\_COUNT\_new

AGE\_X\_new

AVG\_SAVING\_BALANCE\_12MON\_new

AVG\_SAVING\_BALANCE\_6MON\_new

ANNSALARY\_new

B0244\_new

B0342\_new

B0345\_new

B0392\_new

B0393\_new

B0396\_new

B0430\_new

B0434\_new

B0436\_new

B0482\_new

B0523\_new

B0524\_new

B0527\_new

B0530\_new

B0531\_new

B0537\_new

B0538\_new

B0540\_new

B0542\_new

B0543\_new

B0569\_new

B0569\_new

B0570\_new

B0571\_new

B0574\_new

B0575\_new

B0576\_new

B0599\_new

B0600\_new

B0659\_new

B0660\_new

B0665\_new

B0666\_new

B0700\_new

EMPLOYMENT\_YEARS\_CNT\_new

FAVORITE\_CARD\_AVGLIMIT\_new

FAVORITE\_CARD\_COUNT\_new

H\_AMT\_new

H\_OS\_new

JCC\_DIV\_BALTOLMT\_L3M\_new

JCICCARD\_AGE\_new

JCU\_NEWINQBANKCNT\_new

JCU\_NewInqCnt\_new

MAX\_INCOME\_new

MIN\_INCOME\_new

EDUCATION\_new

RESIDENT\_STATUS\_CD\_new

U\_CUST\_LEVEL\_new

OPEN\_CHANNEL\_new

/\*新增\*/

PAY\_ALL\_new

MAX\_LIMIT\_new

LONGEST\_CARD\_new

B0572\_new

LONGEST\_CARD\_INCLUDE\_STOP\_new

B0573\_new

B0680\_new

B0681\_new

B0682\_new

B0683\_new

B0684\_new

B0685\_new

B0536\_new

B0539\_new

other\_Q\_tot\_new

MARITAL\_STATUS\_GENDER

COMPANY\_POSTAL\_CONTACT\_CHK

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run;