

**APPENDIX 20**

**KEY VARIABLES 1987**

WOMEN 1987 KEY VARIABLES

IN ORDER TO FOLLOW THE CREATION OF THE KEY VARIABLES  
ONE MUST MAKE THE FOLLOWING SUBSTITUTIONS

X(038)=R(7865)	X(286)=R(8136)	X(439)=R(8293)	X(576)=R(8540)
X(577)=R(8541)	X(578)=R(8542)	X(580)=R(8544)	X(581)=R(8545)
X(582)=R(8546)	X(583)=R(8547)	X(584)=R(8548)	X(585)=R(8549)
X(586)=R(8550)	X(587)=R(8551)	X(588)=R(8552)	X(589)=R(8553)
X(590)=R(8554)	X(591)=R(8555)	X(592)=R(8556)	X(593)=R(8557)
X(594)=R(8558)	X(595)=R(8559)	X(596)=R(8560)	X(597)=R(8561)
X(598)=R(8562)	X(603)=R(8567)	X(604)=R(8568)	X(605)=R(8569)
X(606)=R(8570)	X(607)=R(8571)	X(609)=R(8575)	X(610)=R(8576)
X(612)=R(8578)	X(613)=R(8579)	X(615)=R(8581)	X(616)=R(8582)
X(618)=R(8584)	X(620)=R(8586)	X(622)=R(8588)	X(624)=R(8590)
X(627)=R(8593)	X(629)=R(8595)	X(631)=R(8597)	X(633)=R(8599)
X(635)=R(8601)	X(637)=R(8603)	X(639)=R(8605)	X(641)=R(8607)
X(642)=R(8608)	X(643)=R(8609)	X(645)=R(8613)	X(646)=R(8614)
X(648)=R(8616)	X(649)=R(8617)	X(651)=R(8619)	X(652)=R(8620)
X(654)=R(8622)	X(656)=R(8624)	X(658)=R(8626)	X(660)=R(8628)
X(663)=R(8631)	X(665)=R(8633)	X(667)=R(8635)	X(669)=R(8637)
X(671)=R(8639)	X(673)=R(8641)	X(675)=R(8643)	X(676)=R(8644)
X(677)=R(8645)	X(678)=R(8648)	X(679)=R(8649)	X(680)=R(8652)
X(681)=R(8653)	X(683)=R(8655)	X(684)=R(8656)	X(686)=R(8658)
X(687)=R(8659)	X(689)=R(8661)	X(690)=R(8662)	X(692)=R(8664)
X(694)=R(8666)	X(696)=R(8668)	X(698)=R(8670)	X(699)=R(8671)
X(700)=R(8672)	X(789)=R(8841)	X(792)=R(8134)	X(793)=R(8135)
X(438)=R(8292)			

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/* TOTAL FAMILY INCOME, WOMEN 1987 */

/* COMBINATIONS & RECODING TO ZERO BASED ON 'NO' TO LEAD-IN OCCURRED */
/* BEFORE THIS CREATION */
HUSBAND, RES=0;
HWKS, RWAGE, RBUS, RUNEM, RSUB, RSOC, RVET, RCOM, RSSD, RDIS, RPENP, RPENM=NA;
RPENF, RPENS, RPENU, RPENI, RPENO=NA;
SWAGE, SBUS, SUNEM, SSUB, SSOC, SVET, SCOM, SSSD, SDIS, SPENP, SPENM, SPENF=NA;
SPENS, SPENU, SPENI, SPENO=NA;
FARM, RENT, INTT, FOODS, AFDC, SSI, ALI, CHILD, OUTHH, OTHER, FAM, FAMINC=NA;
IF X(438)=1 THEN HUSBAND=1;
IF HUSBAND=1 THEN HWKS=X(439);
IF X(784)=1 | X(784)=2 | X(38)=2 | X(792)>0 THEN RES=1;
                                           ELSE RES=0;

IF RES=0 & X(605)<0 THEN RWAGE=0;
  ELSE IF X(605)>=0 THEN RWAGE=X(605);
/* IF NO INVESTMENT IN BUSINESS & BUSINESS INCOME IS NA */
IF X(592)=0 & (X(607)=-1 | X(607)=NA) THEN RBUS=0;
ELSE IF X(607)>NA & X(607)^=-2 & X(607)^=-1 THEN RBUS=X(607);
IF X(609)>=0 & X(610)>=0 THEN RUNEM=X(609)*X(610);
/* IF UNEMPLOYMENT IS 0 AND SUB PAY IS MISSING, IT IS ASSUMED SUB PAY */
/* SHOULD BE 0 */
IF RUNEM=0 & X(612)<0 & X(613)<0 THEN RSUB=0;
IF X(612)>=0 & X(613)>=0 THEN RSUB=X(612)*X(613);
IF X(615)>=0 & X(616)>=0 THEN RSOC=X(615)*X(616);
IF X(618)>=0 THEN RVET=X(618);
IF X(620)>=0 THEN RCOM=X(620);
IF X(622)>=0 THEN RSSD=X(622);
IF X(624)>=0 THEN RDIS=X(624);
IF X(627)>=0 THEN RPENP=X(627);
IF X(629)>=0 THEN RPENM=X(629);
IF X(631)>=0 THEN RPENF=X(631);
IF X(633)>=0 THEN RPENS=X(633);
IF X(635)>=0 THEN RPENU=X(635);
IF X(637)>=0 THEN RPENI=X(637);
IF X(639)>=0 THEN RPENO=X(639);
IF (HUSBAND^=1 | HWKS<=0) & X(641)<0 THEN SWAGE=0;
  ELSE IF X(641)>=0 THEN SWAGE=X(641);
IF (X(592)=0 | HUSBAND=0 | HWKS<=0) & (X(643)=-1 | X(643)=NA)
  THEN SBUS=0;
  ELSE IF X(643)>NA & X(643)^=-1 & X(643)^=-2 THEN SBUS=X(643);
IF HUSBAND^=1 & X(645)<0 & X(646)<0 THEN SUNEM=0;
  ELSE IF X(645)>=0 & X(646)>=0 THEN SUNEM=X(645)*X(646);
IF (HUSBAND^=1 | SUNEM=0) & X(648)<0 & X(649)<0 THEN SSUB=0;
  ELSE IF X(648)>=0 & X(649)>=0 THEN SSUB=X(648)*X(649);
IF HUSBAND^=1 & X(651)<0 & X(652)<0 THEN SSOC=0;
  ELSE IF X(651)>=0 & X(652)>=0 THEN SSOC=X(651)*X(652);
IF HUSBAND^=1 & X(654)<0 THEN SVET=0;
  ELSE IF X(654)>=0 THEN SVET=X(654);

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IF HUSBAND^=1 & X(656)<0 THEN SCOM=0;
ELSE IF X(656)>=0 THEN SCOM=X(656);
IF HUSBAND^=1 & X(658)<0 THEN SSSD=0;
ELSE IF X(658)>=0 THEN SSSD=X(658);
IF HUSBAND^=1 & X(660)<0 THEN SDIS=0;
ELSE IF X(660)>=0 THEN SDIS=X(660);
IF HUSBAND^=1 & X(663)<0 THEN SPENP=0;
ELSE IF X(663)>=0 THEN SPENP=X(663);
IF HUSBAND^=1 & X(665)<0 THEN SPENM=0;
ELSE IF X(665)>=0 THEN SPENM=X(665);
IF HUSBAND^=1 & X(667)<0 THEN SPENF=0;
ELSE IF X(667)>=0 THEN SPENF=X(667);
IF HUSBAND^=1 & X(669)<0 THEN SPENS=0;
ELSE IF X(669)>=0 THEN SPENS=X(669);
IF HUSBAND^=1 & X(671)<0 THEN SPENU=0;
ELSE IF X(671)>=0 THEN SPENU=X(671);
IF HUSBAND^=1 & X(673)<0 THEN SPENI=0;
ELSE IF X(673)>=0 THEN SPENI=X(673);
IF HUSBAND^=1 & X(675)<0 THEN SPENO=0;
ELSE IF X(675)>=0 THEN SPENO=X(675);
IF X(677)>NA & X(677)^=-1 & X(677)^=-2 THEN FARM=X(677);
IF X(679)>NA & X(679)^=-1 & X(679)^=-2 THEN RENT=X(679);
IF X(681)>=0 THEN INTT=X(681);
IF X(683)>=0 & X(684)>=0 THEN FOODS=X(683)*X(684);
IF X(686)>=0 & X(687)>=0 THEN AFDC=X(686)*X(687);
IF X(689)>=0 & X(690)>=0 THEN SSI=X(689)*X(690);
IF X(692)>=0 THEN ALI=X(692);
IF X(694)>=0 THEN CHILD=X(694);
IF X(696)>=0 THEN OUTHH=X(696);
IF X(698)>=0 THEN OTHER=X(698);
IF X(699)=1 & X(700)<=0 THEN FAM=0;
ELSE IF X(699)=0 THEN DO;
    IF X(700)=0 THEN FAM=0;
    ELSE IF X(700)=1 THEN FAM=1000;
    ELSE IF X(700)=2 THEN FAM=1500;
    ELSE IF X(700)=3 THEN FAM=2500;
    ELSE IF X(700)=4 THEN FAM=3500;
    ELSE IF X(700)=5 THEN FAM=4500;
    ELSE IF X(700)=6 THEN FAM=5500;
    ELSE IF X(700)=7 THEN FAM=6750;
    ELSE IF X(700)=8 THEN FAM=8750;
    ELSE IF X(700)=9 THEN FAM=12500;
    ELSE IF X(700)=10 THEN FAM=20000;
    ELSE IF X(700)=11 THEN FAM=25000;
    ELSE IF X(700)=DK THEN FAM=NA;
END;
AA=0; BB=0; CC=0; DD=0;
IF RWAGE^=NA & RBUS^=NA & RUNEM^=NA & RSUB^=NA & RSOC^=NA & RVET^=NA &
RCOM^=NA & RSSD^=NA & RDIS^=NA & RPENP^=NA THEN AA=1;

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IF RPENM^=NA & RPENF^=NA & RPENS^=NA & RPENU^=NA & RPENI^=NA & RPENO^=NA &
  SWAGE^=NA & SBUS^=NA & SUNEM^=NA & SSUB^=NA THEN BB=1;
IF SSOC^=NA & SVET^=NA & SCOM^=NA & SSSD^=NA & SDIS^=NA & SPENP^=NA &
  SPENM^=NA & SPENF^=NA & SPENS^=NA THEN CC=1;
IF SPENI^=NA & SPENO^=NA & FARM^=NA & INTT^=NA & FOODS^=NA & RENT^=NA &
  AFDC^=NA & SSI^=NA & ALI^=NA & CHILD^=NA & SPENU^=NA & OUTHH^=NA &
  OTHER^=NA & FAM^=NA THEN DD=1;
IF AA=1 & BB=1 & CC=1 & DD=1
  THEN FAMINC=RWAGE+RBUS+RUNEM+RSUB+RSOC+RVET+RCOM+RSSD+RDIS+RPENP+RPENM+
    RPENF+RPENS+RPENU+RPENI+RPENO+SWAGE+SBUS+SUNEM+SSUB+SSOC+
    SVET+SCOM+SSSD+SDIS+SPENP+SPENM+SPENF+SPENS+SPENU+SPENI+
    SPENO+FARM+RENT+INTT+FOODS+AFDC+SSI+ALI+CHILD+OUTHH+OTHER+FAM;
  ELSE FAMINC=NA;

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/* TOTAL FAMILY ASSETS EXCLUDING CAR */

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ASSET, HOUSE, SAVE, BOND, STOCK, LOAN, IFARM, IBUS, IREAL, DEBT=NA;
ASEXCAR=NA;

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C=0;

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IF X(784)>=1 & X(784)<=8 THEN DO;

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IF X(576)=0 & X(577)<0 & X(578)<0 THEN HOUSE=0;

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/* HOUSE VALUE INCLUDED IN FARM */

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ELSE IF X(590)=1 & X(577)<=X(589) & X(578)<=X(591) & X(589)^=NA &
  X(591)^=NA THEN HOUSE=0;

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ELSE IF X(577)>=0 & X(578)>=0 THEN HOUSE=X(577)-X(578);

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IF HOUSE^=NA THEN ASSET=HOUSE;

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ELSE C=1;

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IF (X(580)=0 | X(680)=0) & X(581)<0 THEN SAVE=0;

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ELSE IF X(581)>=0 THEN SAVE=X(581);

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IF SAVE^=NA THEN ASSET=ASSET+SAVE;

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ELSE C=C+1;

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IF (X(582)=0 | X(680)=0) & X(583)<0 THEN BOND=0;

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ELSE IF X(583)>=0 THEN BOND=X(583);

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IF BOND^=NA THEN ASSET=ASSET+BOND;

```

```

ELSE C=C+1;

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IF (X(584)=0 | X(680)=0) & X(585)<0 THEN STOCK=0;

```

```

ELSE IF X(585)>=0 THEN STOCK=X(585);

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IF STOCK^=NA THEN ASSET=ASSET+STOCK;

```

```

ELSE C=C+1;

```

```

IF X(586)=0 & X(587)<0 THEN LOAN=0;

```

```

ELSE IF X(587)>=0 THEN LOAN=X(587);

```

```

IF LOAN^=NA THEN ASSET=ASSET+LOAN;

```

```

ELSE C=C+1;

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IF (X(588)=0 | X(676)=0) & X(589)<0 & X(591)<0 THEN IFARM=0;

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ELSE IF X(589)>=0 & X(591)>=0 THEN IFARM=X(589)-X(591);

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IF IFARM^=NA THEN ASSET=ASSET+IFARM;

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ELSE C=C+1;

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IF (X(592)=0 | X(606)=0 | X(642)=0) & X(593)<0 & X(594)<0

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  THEN IBUS=0;

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ELSE IF X(593)>=0 & X(594)>=0 THEN IBUS=X(593)-X(594);

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IF IBUS^=NA THEN ASSET=ASSET+IBUS;
ELSE C=C+1;
IF (X(595)=0 | X(678)=0) & X(596)<0 & X(597)<0 & X(598)<0
    THEN IREAL=0;
ELSE IF X(596)>=0 & X(597)>=0 & X(598)>=0
    THEN IREAL=X(596)-X(597)-X(598);
IF IREAL^=NA THEN ASSET=ASSET+IREAL;
ELSE C=C+1;
IF X(603)=0 & X(604)<0 THEN DEBT=0;
ELSE IF X(604)>=0 THEN DEBT=X(604);
IF DEBT^=NA THEN ASSET=ASSET-DEBT;
ELSE C=C+1;
IF C>0 & ASSET>-99999 & ASSET<999999 THEN ASEXCAR=NA;
IF ASSET>NA & ASSET<=-99999 THEN ASEXCAR=-99999;
IF ASSET=999999 THEN ASEXCAR=999999;
IF C=0 & ASSET>-99999 & ASSET<999999 THEN ASEXCAR=ASSET;
END;

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/* WORK, WUMP AND WOLF - THE KEY VARIABLES HAVE TO BE DONE DIFFERENTLY THIS */
/* YEAR BECAUSE OF THE CHANGES ON THE QUESTIONNAIRE WHERE THE EMPLOYERS WERE */
/* RESTRICTED TO THOSE OF THREE MONTH OR MORE */

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WORK, WUMP, WOLF, QWBID = NA;

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QWBID = X(0287);
IF X(0792) >= 0 THEN WORK = X(0792);
IF X(0793) = 0 & X(0286) = NA THEN WUMP = 0;
IF X(0286) >= 0 THEN WUMP = X(0286);
IF QWBID>=0 & WORK>=0 & WUMP>=0 THEN
WOLF = QWBID - (WORK + WUMP);
IF WOLF < 0 THEN WOLF = NA;

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