



EAP scoring of the NAEP forms and state main and variant tests

The syntax in this example was used to score NAEP forms and state main and variant tests. It is included here as an example of a more complicated analysis and contains numerous TEST and FORMS commands.

The use of the INUMBERS keyword on the FORM commands to assign items to the various forms is of interest, as is the naming convention used with the INAMES keyword on the ITEMS command. Finally, note that none of the tests are calibrated (SELECT=0 for all tests on the CALIB command). Scoring is done according to a previously generated item parameter file **gr4fin.par** read with the IFNAME keyword on the GLOBAL command.

```
EXAMPLE12.BLM - Scoring of main and variant tests
                  Grade 4 Reading
>COMMENTS
*****
                This example is for illustration purposes only.
                The actual data to run the command file is not available.
*****
```

The syntax in this example was used to score NAEP forms and state main and variant tests. It is included here as an example of a more complicated analysis and contains numerous TEST and FORMS commands.

The use of the INUMBERS keyword on the FORM commands to assign items to the various forms is of interest, as is the naming convention used with the INAMES keyword on the ITEMS command. Finally, note that none of the tests are calibrated (SELECT=0 for all tests on the CALIB command). Scoring is done according to a previously generated item parameter file (gr4fin.par) read with the IFNAME keyword on the GLOBAL command.

The variant items in a test are not intended to be scored as a test. They are included in the analysis to obtain preliminary information on the item characteristics with respect to the latent variable measured by the main test.

```
>GLOBAL NPARM=3, NTEST=6, NVTEST=6, DFNAME='GR4FIN.DAT',
        IFNAME='GR4FIN.PAR', SAVE;
>SAVE   SCORE='GR4FIN.SCO';
>LENGTH NITEMS=(82,20,56,82,25,47), NVARIANT=(82,20,56,82,25,47);
>INPUT  NTOTAL=230, SAMPLE=3000, NIDCH=10, NFORM=16,
        KFNAME='GR4FIN.DAT', OFNAME='GR4FIN.DAT', NFNAME='GR4FIN.DAT';
```

```

>ITEMS  INUMBERS=(1(1)230), INAME=
(MC01,MC02,MC03, OEtW04,OETW05,OEtW06, OEtH07,OEtH08, OEfo09,
MC10(1)MC14, OEtW15(1)OEtW20, OEfo21,
MC22(1)MC28, OEtW29(1)OEtW31, OEfo32,
MC33(1)MC37, OEtW38(1)OEtW41, OEfo42,
MC43(1)MC46, OEtW47(1)OEtW51, OEfo52,
MC53(1)MC55, OEtH56(1)OEtH60, OEfo61,
MC62(1)MC64, OEtW65, OEtH66(1)OEtH69, OEfo70,
MC71(1)MC76, OEtW77(1)OEtW81, OEfo82,
READ07,READ08,READ16,READ17,READ24,READ25,
LIST04,LIST05,LIST06,LIST08,LIST09,LIST12,LIST16,
LIST17,LIST18,LIST19,LIST20,
WSAM01,WSAM02,
DRP01(1)DRP56,
READ01,READ02,READ03,READ04,READ05,READ06,READ09,READ10,
READ11(1)READ15,READ18(1)READ23,
LIST01,LIST02,LIST03,LIST07,LIST10,LIST11,LIST13(1)LIST15,
WRIT01(1)WRIT45);
>TEST01  TNAME=NAEP1,   INUMB=(1(1)82);
>TEST02  TNAME=LISTV,   INAME=(LIST01(1)LIST20);
>TEST03  TNAME=LISTM,   INAME=(LIST01(1)LIST20);
>TEST04  TNAME=NAEP2,   INUMB=(1(1)82);
>TEST05  TNAME=DRPV,    INAME=(DRP01(1)DRP56);
>TEST06  TNAME=DRPM,    INAME=(DRP01(1)DRP56);
>TEST07  TNAME=NAEP3,   INUMB=(1(1)82);
>TEST08  TNAME=READV,   INAME=(READ01(1)READ25);
>TEST09  TNAME=READM,   INAME=(READ01(1)READ25);
>TEST10  TNAME=NAEP4,   INUMB=(1(1)82);
>TEST11  TNAME=WRITEV,  INAMB=(WRIT01(1)WRIT45,WSAM01,WSAM02);
>TEST12  TNAME=WRITEM,  INAME=(WRIT01(1)WRIT45,WSAM01,WSAM02);
>FORM01  LEN=169,  INUM=(83(1)230,10(1)14, 1(1)3,15(1)20, 4(1)6, 7, 8, 21,9);
>FORM02  LEN=168,  INUM=(83(1)230, 1(1)3,22(1)28, 4(1)6,29(1)31, 7, 8, 9,32);
>FORM03  LEN=168,  INUM=(83(1)230,22(1)28,62(1)64,29(1)31,65, 66(1)69,32,70);
>FORM04  LEN=169,  INUM=(83(1)230,62(1)64,10(1)14,65, 15(1)20,66(1)69,70,21);
>FORM05  LEN=171,  INUM=(83(1)230,10(1)14,22(1)28, 15(1)20,29(1)31,21,32);
>FORM06  LEN=166,  INUM=(83(1)230, 1(1)3,62(1)64, 4(1)6,65, 7, 8,66(1)69,9,70);
>FORM07  LEN=170,  INUM=(83(1)230,33(1)37,71(1)76,38(1)41,77(1)81, 42,82);
>FORM08  LEN=170,  INUM=(83(1)230,71(1)76,43(1)46,77(1)81,47(1)51, 82,52);
>FORM09  LEN=167,  INUM=(83(1)230,43(1)46,53(1)55,47(1)51,56(1)60, 52,61);
>FORM10  LEN=167,  INUM=(83(1)230,53(1)55,33(1)37,38(1)41,56(1)60, 61,42);
>FORM11  LEN=168,  INUM=(83(1)230,33(1)37,43(1)46,38(1)41,47(1)51, 42,52);
>FORM12  LEN=169,  INUM=(83(1)230,71(1)76,53(1)55,77(1)81,56(1)60, 82,61);
>FORM13  LEN=170,  INUM=(83(1)230,43(1)46,10(1)14,47(1)51,15(1)20, 52,21);
>FORM14  LEN=166,  INUM=(83(1)230,53(1)55, 1(1)3, 4(1)6, 56(1)60, 7, 8,61, 9);
>FORM15  LEN=169,  INUM=(83(1)230,22(1)28,33(1)37,29(1)31,38(1)41,32,42);
>FORM16  LEN=169,  INUM=(83(1)230,62(1)64,71(1)76,65,77(1)81,66(1)69,70,82);
(10A1,2X,I2/15X,19A1,1X,129A1/15X,23A1)
>CALIB  SELECT=(0(0)6);
>SCORE  METHOD=2,  NOPRINT,  NQPT=(25(0)6);

```