

Solution to Exercise 3: Using Labelblocks instead of legal values

Key Point(s):

- One should never use both, legal values and invoking a Labelblock
- When Labelblocks are used with numeric coding, the label linked to a numeric value will always be shown.

Tasks:

- o *Open Add / revise Checks (ALT+3) and take the necessary changes for the fields SEX, REASON, RES1, RES2, RES3.*
- o *Save the A_EX02.QES file as A_EX03.QES and edit it to make the fields SEX and REASON numeric, then make a new A_EX03.REC file based on this QES file.*

Solution:

This is the Check file A_EX03.CHK:

```
LABELBLOCK
  LABEL label_sex
    1 Female
    2 Male
    9 "No sex recorded"
  END
  LABEL label_reason
    0 Diagnosis
    8 "Follow-up, month not stated"
    9 "Reason not stated"
    1 "Follow-up at 1 month"
    2 "Follow-up at 2 months"
    3 "Follow-up at 3 months"
    4 "Follow-up at 4 months"
    5 "Follow-up at 5 months"
    6 "Follow-up at 6 months"
    7 "Follow-up at 7 months or later"
  END
  LABEL label_result
    0.0 Negative
    1.0 "1+ positive"
    2.0 "2+ positive"
    3.0 "3+ positive"
    4.0 "4+ positive"
    9.0 "No result recorded"
    5.0 "Positive, not quantified"
    6.0 "Scanty, not quantified"
    0.1 "Scanty, 1 AFB per 100 fields"
    0.2 "Scanty, 2 AFB per 100 fields"
    0.3 "Scanty, 3 AFB per 100 fields"
    0.4 "Scanty, 4 AFB per 100 fields"
    0.5 "Scanty, 5 AFB per 100 fields"
    0.6 "Scanty, 6 AFB per 100 fields"
    0.7 "Scanty, 7 AFB per 100 fields"
    0.8 "Scanty, 8 AFB per 100 fields"
```

```

    0.9 "Scanty, 9 AFB per 100 fields"
END
END

serno
  LEGAL 1 9999
  MUSTENTER
END

regdate
  RANGE 01/01/2000 31/12/2005
  LEGAL
    01/01/1800
  END
  MUSTENTER
END

sex
  COMMENT LEGAL USE label_sex SHOW
  MUSTENTER
END

age
  RANGE 0 125
  LEGAL
    999
  END
  MUSTENTER
END

reason
  COMMENT LEGAL USE label_reason SHOW
  MUSTENTER
END

res1
  COMMENT LEGAL USE label_result SHOW
  MUSTENTER
END

res2
  COMMENT LEGAL USE label_result SHOW
  MUSTENTER
END

res3
  COMMENT LEGAL USE label_result SHOW
  MUSTENTER
END

```

Quite obviously, the ease of data entry using Labelblocks makes them an attractive alternative to legal values whenever this is possible (but it is not always feasible).

One advantage of Labelblocks is that we have no confusion if we use numeric coding because the label linked to a numeric value will always be shown. From now on we will be using numeric coding whenever possible.