

```

C      MAIN SECTION OF ALGORITHM BEGINS HERE,
C
  90 IFAULT = 0
     SEC = .FALSE.
     I = NN
100 A = 0.0
     B = 0.0
C
C      INNER LOOP.
C
110 B = B + Q(J)
     IF (I .LE. 1) GOTO 120
     FI = I
     A = A * Z * (D / FI + E) - B
     I = I - 2
     J = J + K
     GOTO 110
120 IF (.NOT.AL1) GOTO 130
     BMIX = BMIX + B
     A = -A
     B = -B
130 IF (I .EQ. 1) GOTO 140
C
C      COMPLETION OF EVEN CALCULATIONS.
C
     BMIX = BMIX + B + A * RXF1 ** F
     GOTO 130
140 IF (M .GE. 0) A = B + C * A
     I = M
C
C      OUTER LOOP.
C
150 IF (I .LE. 1) GOTO 160
     FI = I
     A = (A - A / FI) * XF1 + B
     I = I - 2
     GOTO 150
C
C      COMPLETION OF ODD CALCULATIONS.
C
160 A = A * RX
     IF (I .EQ. 0 .OR. I .EQ. -2) GOTO 170
     BMIX = BMIX + C1 * (ATAN(RX / RXF1) * B + RXF1 * A)
     GOTO 180
170 BMIX = BMIX + A
180 IF (SEC) RETURN
     SEC = .TRUE.
     I = NN - 1
     J = N
     IF (AL1) J = 2
     GOTO 100
END

```

### Correction

#### AS 112: Exact Distributions derived from Two-way Tables

By R. J. BAKER

1. The fault numbers listed in the paper under the heading **FAULT DIAGNOSTICS** are incorrect. Faults 2, 3, 4, 5 should read as follows:

*IFault* = 2    MODEL is not 0, 1 or 2, etc.  
*IFault* = 3    A margin entry is not positive  
*IFault* = 4    The margins are inconsistent  
*IFault* = 5    TOTAL < 2

2. There is a bracket missing in the Fortran statement listed in the section headed **TIME AND ACCURACY**. It should read

*IF(IPINT((STAT/STORE2(K)-ONE)\*EPS)) 110, 130, 100*