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1 .
2 . * hypothesis 1 female WHPpain analysis
3 . *   requires estout
4 . *       basis functions
5 . cap gen bffffpain2 = max(0, 23 - BSIsoma)

6 . label var bffffpain2 "max(0, 23 - BSIsoma) "

7 .
8 . cap gen bffffpain3 = max(0, hospw3 - 1.57823e-007)

9 . label var bffffpain3 " max(0, hospw3 - 1.57823e-007) "

10 .
11 . cap gen bffffpain4 = max(0, occ3w2 + 2.13147e-009)

12 . label var bffffpain4 "max(0, occ3w2 + 2.13147e-009)"

13 .
14 .
15 . cap gen bffffpain5 = max(0, shhlw1 - 30)

16 . label var bffffpain5 "max(0, shhlw1 -30)"

17 .
18 .
19 .
20 . cap gen bffffpain6 = max(0, 30 - shhlw1)

21 . label var bffffpain6 "max(0, 30-shhlw1)"

22 .
23 . cap gen bffffpain7 = max(0, inclw3 - 7.3627e-009) * bffffpain5

24 . label var bffffpain7 " max(0, inclw3 - 7.3627e-009) * bffffpain5"

25 .

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26 .
27 .
28 . cap gen bffffpain8 = max(0, BSIsoma - 13)

29 . label var bffffpain8 "max(0, BSIsoma - 13)"

30 .
31 . cap gen bffffpain9 = max(0, 13 - BSIsoma)

32 . label var bffffpain9 "max(0, 13-BSIsoma)"

33 .
34 .
35 .
36 .
37 . cap gen bffffpain11 = max(0, 80 - radw2) * bffffpain8

38 . label var bffffpain11 "max(0, 80- radw2)*bffffpain8 female pain series"

39 .
40 . cap gen bffffpain12 = max(0, physdisagw3 - 10) * bffffpain9

41 . label var bffffpain12 " max(0, physdisagw3 - 10) * bffffpain9 "

42 .
43 . cap gen bffffpain13 = max(0, 10 - physdisagw3) * bffffpain9

44 . label var bffffpain13 "max(0, 10 - physdisagw3) * bffffpain9"

45 .
46 .
47 .
48 . cap gen bffffpain14 = max(0, havmil - 112.275) * bffffpain11

49 . label var bffffpain14 " max(0, havmil - 112.275) * bffffpain11 "

50 .

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51 .
52 . cap gen bffffpain15 = max(0, 112.275 - havmil) * bffffpain11

53 . label var bffffpain15 " max(0, 112.275 - havmil) * bffffpain11 "

54 .
55 .
56 .
57 . cap gen bffffpain16 = max(0, painmedspw3 - 4.33161e-008) * bffffpain3

58 . label var bffffpain16 " max(0, painmedspw3 - 4.33161e-008) * bffffpain3 "

59 .
60 .
61 . cap gen bffffpain17 = max(0, defnw2 - 90) * bffffpain4

62 . label var bffffpain17 "max(0, defnw2 - 90)* bffffpain4"

63 .
64 . cap gen bffffpain19 = (CSprbslv != . ) * bffffpain15

65 . label var bffffpain19 " (CSprbslv != . ) * bffffpain15 "

66 .
67 .
68 . cap gen bffffpain21 = max(0, CSprbslv - 29) * bffffpain19

69 . label var bffffpain21 "max(0, CSprbslv - 29) * bffffpain19"

70 .
71 .
72 .
73 . cap gen bffffpain22 = max(0, 29 - CSprbslv) * bffffpain19

74 . label var bffffpain22 "max(0, 29-CSprbslv)*bffffpain19"

75 .

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76 . cap gen bffffpain23 = max(0, shrelaw1 - 10) * bffffpain16
77 . label var bffffpain23 "max(0, shrelaw1 - 10)*bffffpain16
78 .
79 . cap gen bffffpain24 = max(0, 10 - shrelaw1) * bffffpain16
80 . label var bffffpain24 "max(0, 10-shrelaw1)*bffffpain16"
81 .
82 . cap gen bffffpain25 = max(0, suchrw2 - 2.24572e-006) * bffffpain23
83 . label var bffffpain25 "max(0, suchrw2 - 2.24572e-006) * bffffpain23 "
84 .
85 .
86 .
87 .
88 . cap gen bffffpain26= max(0, neiw3 - 80) * bffffpain24
89 . label var bffffpain26 "max(0, neiw3 - 80) * bffffpain24"
90 .
91 .
92 .
93 . cap gen bffffpain27 = max(0, 80 - neiw3) * bffffpain24
94 . label var bffffpain27 "max((0, 80 - neiw3) * bffffpain24 )"
95 .
96 .
97 . cap gen bffffpain28 = max(0, age - 28) * bffffpain22
98 . label var bffffpain28 "max(0, age - 28)*bffffpain22"
99 .
100 .

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101 .
102 . cap gen bffffpain29 = (medcow3 != . ) * bffffpain4

103 . label var bffffpain29 "(medcow3 != .)* bffffpain4"

104 .
105 .
106 . cap gen bffffpain32 = max(0, 3 - medcow3) * bffffpain29

107 . label var bffffpain32 "max(0, 3- medcow3) * bffffpain29"

108 .
109 .
110 .
111 . cap gen bffffpain33 = max(0, PTSDw3 + 3.81914e-008) * bffffpain32

112 . label var bffffpain33 " max(0, PTSDw3 + 3.81914e-008) * bffffpain32"

113 .
114 . cap gen bffffpain34 = max(0, occ4w3 - 9.59584e-010) * bffffpain3

115 . label var bffffpain34 " max(0, occ4w3 - 9.59584e-010) * bffffpain3 "

116 .
117 .
118 .
119 .
120 . /*
    >
    > y = 31.796 - 1.89477 * bf2 + 0.144911 * bf3 + 11.1203 * bf4
    >          - 0.094477 * bf5 - 0.3146 * bf6 + 0.188845 * bf7
    >          + 0.0503569 * bf11 + 0.118374 * bf12 + 0.13475 * bf13
    >          - 0.000402498 * bf14 - 0.000420239 * bf15
    >          + 0.077665 * bf16 + 1.57704 * bf17
    >          - 0.000272845 * bf21 - 0.000156722 * bf22
    >          - 0.00252184 * bf23 + 4.90027e-005 * bf25
    >          - 0.000723325 * bf26 - 0.000113342 * bf27
    >          + 5.25393e-006 * bf28 - 9.36635 * bf32
    >          + 0.514852 * bf33 + 2.82947 * bf34
    >
    > model whppain = bf2 bf3 bf4 bf5 bf6 bf7 bf11 bf12 bf13 bf14 bf15
    >                  bf16 bf17 bf21 bf22 bf23 bf25 bf26 bf27 bf28 bf32
    >                  bf33 bf34
    > */
121 .

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