

ANEXO IV.19

ANALISIS FACTORIAL SOBRE CAMBIOS ESTRUCTURALES EN EL PIRINEO

-> DATA LIST FILE 'Macintosh HD:SPSS 4.0:CNOVE' FIXED / NOMBRE 1-14 (A)
 -> HLABRA72 29-32 CONPARCE 119-123 POBGANAD 41-44 POBINDUS 47-50 RANGOFUN 53-56
 -> SALDOMIG 86-90 RANGOTAM 107-110 INDREMPLE 112-116 VARIAPOB 125-129.

| Variable | Rec | Start | End | Format |
|-----------|-----|-------|-----|--------|
| NOMBRE | 1 | 1 | 14 | A14 |
| HLABRA72 | 1 | 29 | 32 | F4.0 |
| CONPARCE | 1 | 119 | 123 | F5.0 |
| POBGANAD | 1 | 41 | 44 | F4.0 |
| POBINDUS | 1 | 47 | 50 | F4.0 |
| RANGOFUN | 1 | 53 | 56 | F4.0 |
| SALDOMIG | 1 | 86 | 90 | F5.0 |
| RANGOTAM | 1 | 107 | 110 | F4.0 |
| INDREMPLE | 1 | 112 | 116 | F5.0 |
| VARIAPOB | 1 | 125 | 129 | F5.0 |

MATRIZ DE VARIABLES Y LUGARES

| | H | C | P | P | R | S | R | I | V |
|----------------------|----|-----|----|----|----|-----|----|-----|-----|
| LUGARES | 2 | E | D | S | N | G | M | L | B |
| Abaurrea Alta | 28 | -8 | 4 | 14 | 5 | -26 | 1 | 116 | -44 |
| Abaurrea Baja | 19 | 15 | 0 | 3 | 0 | -56 | 0 | 87 | -62 |
| Aria | 7 | 79 | 0 | 15 | 0 | -28 | 1 | 105 | -42 |
| Arive | 7 | 15 | 0 | 15 | 5 | -22 | 1 | 111 | -33 |
| Garayoa | 9 | 24 | 0 | 24 | 3 | -22 | 1 | 93 | -46 |
| Garralda | 8 | 86 | 1 | 22 | 5 | -21 | 2 | 110 | -30 |
| Orbaiceta | 3 | 32 | 19 | 21 | 8 | -33 | 2 | 128 | -46 |
| Orbara | 11 | 2 | 0 | 27 | 3 | -30 | 1 | 81 | -50 |
| Villanueva Aézcoa | 20 | 20 | 6 | 13 | 3 | -57 | 1 | 88 | -38 |
| Oroz Betelu | 2 | 46 | 1 | 76 | 4 | -19 | 1 | 87 | -62 |
| ARCE Nagore | 3 | 61 | 5 | 24 | 1 | -60 | 0 | 79 | -77 |
| Valcarlos | 1 | 28 | 0 | 12 | 22 | -20 | 4 | 99 | -34 |
| Roncesvalles | 3 | 29 | 2 | 38 | 22 | 3 | 1 | 181 | -19 |
| Burguete | 5 | 9 | 12 | 11 | 27 | -24 | 2 | 143 | -22 |
| ERRO Espinal | 2 | 3 | 50 | 21 | 4 | -29 | 2 | 104 | -49 |
| ESTERIBAR Zubiri | 6 | 4 | 1 | 56 | 10 | -23 | 3 | 135 | -33 |
| Isaba | 1 | 21 | 9 | 24 | 23 | -26 | 4 | 98 | -30 |
| Urzainqui | 0 | -4 | 31 | 36 | 2 | -36 | 1 | 164 | -37 |
| Roncal | 0 | 24 | 4 | 50 | 11 | -15 | 2 | 133 | -16 |
| Garde | 1 | 20 | 34 | 12 | 3 | -34 | 1 | 68 | -72 |
| Uztárruz | 0 | 21 | 37 | 13 | 7 | -42 | 2 | 88 | -48 |
| Vidángoz | 0 | 39 | 41 | 9 | 2 | -60 | 1 | 100 | -69 |
| Burgui | 2 | 31 | 16 | 44 | 9 | -51 | 2 | 95 | -55 |
| Izalzu | 10 | 65 | 9 | 13 | 3 | -49 | 1 | 123 | -48 |
| Ochagavía | 2 | 60 | 16 | 19 | 37 | -24 | 5 | 122 | -37 |
| Ezcároz | 14 | 40 | 0 | 27 | 14 | -27 | 3 | 110 | -13 |
| Jaurrieta | 17 | 21 | 7 | 6 | 14 | -25 | 3 | 150 | -32 |
| Oronz | 5 | 22 | 0 | 11 | 2 | -37 | 0 | 97 | -42 |
| España | 2 | 15 | 6 | 17 | 7 | -38 | 1 | 86 | -37 |
| SARRIES Sarriés | 2 | -2 | 3 | 8 | 3 | -20 | 0 | 95 | -32 |
| GÜESA Güesa | 5 | 2 | 16 | 21 | 1 | -57 | 0 | 83 | -57 |
| GALLUES Gallués | 5 | 2 | 37 | 30 | 0 | -47 | 0 | 77 | -63 |
| NAVASCUES Navascués | 5 | -11 | 26 | 12 | 8 | -59 | 0 | 79 | -61 |
| Castillo Nuevo | 6 | 3 | 43 | 14 | 1 | -89 | 0 | 42 | -90 |
| ROMANZADO Domeño | 13 | 73 | 17 | 20 | 1 | -55 | 0 | 78 | -67 |
| Lumbier | 22 | 38 | 2 | 32 | 62 | -15 | 10 | 136 | -10 |
| URRAUL ALTO Irurozq. | 8 | 1 | 24 | 10 | 1 | -55 | 0 | 81 | -68 |
| URRAUL BAJO San Vic. | 48 | 43 | 6 | 17 | 2 | -55 | 0 | 90 | -65 |
| IBARGOITI Idocin | 31 | 70 | 4 | 19 | 2 | -49 | 0 | 78 | -65 |
| Monreal | 35 | 89 | 2 | 46 | 11 | -25 | 2 | 136 | -36 |
| UNCITI Unciti | 46 | 85 | 4 | 8 | 2 | -60 | 0 | 69 | -71 |
| AOIZ | 19 | 49 | 1 | 62 | 59 | 6 | 11 | 152 | 13 |
| LONGUIDA Aos | 29 | 62 | 8 | 12 | 2 | -46 | 1 | 126 | -60 |
| IZAGAONDOA Ardanaz | 43 | 74 | 4 | 7 | 1 | -65 | 0 | 100 | -73 |
| Urroz | 71 | 84 | 8 | 52 | 10 | -12 | 2 | 97 | -36 |
| LIZOAIN Lizoáin | 27 | 78 | 13 | 13 | 1 | -59 | 0 | 91 | -68 |

Number of cases read: 46 Number of cases listed: 46 (datos redondeados)

ANEXO IV.19

-> FACTOR /VARIABLES HLABRA72 CONPARCE POBGANAD POBINDUS RANGOFUN
 -> SALDOMIG RANGOTAM INDREMPLE VARIAPOB /ROTATION NOROTATE/
 -> PRINT CORRELATION /PLOT ROTATION (1,2) /SAVE AR(ALL FACTORS).

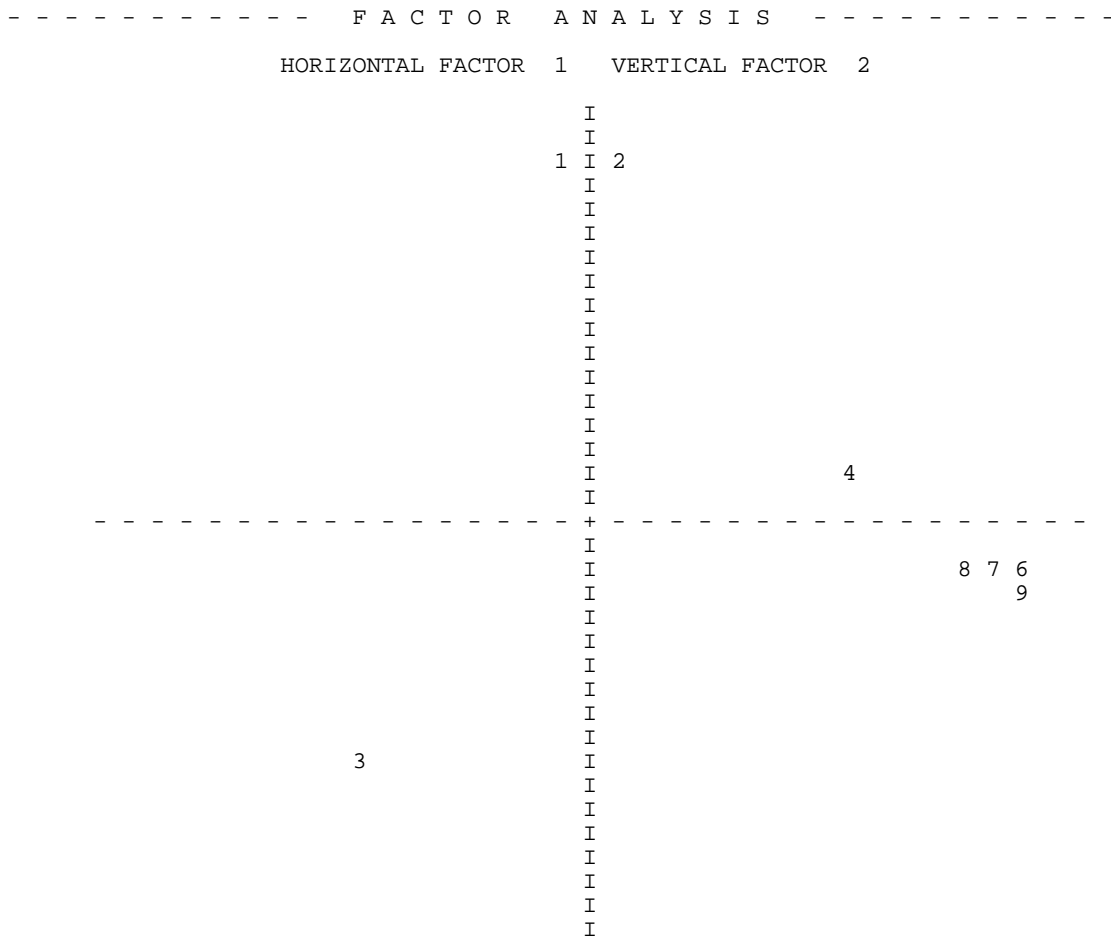
MATRIZ DE CORRELACIONES

HLABRA72 CONPARCE POBGANAD POBINDUS RANGOFUN SALDOMIG RANGOTAM INDREEMPL
 VARIAPOB

| | | | | | | | | | |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| HLABRA72 | 1.00000 | | | | | | | | |
| CONPARCE | .53717 | 1.00000 | | | | | | | |
| POBGANAD | -.30989 | -.33714 | 1.00000 | | | | | | |
| POBINDUS | .01192 | .11407 | -.19973 | 1.00000 | | | | | |
| RANGOFUN | -.02660 | .04124 | -.21381 | .33918 | 1.00000 | | | | |
| SALDOMIG | -.09895 | -.00752 | -.42424 | .51504 | .58262 | 1.00000 | | | |
| RANGOTAM | .01037 | .06264 | -.20640 | .40924 | .94054 | .57275 | 1.00000 | | |
| INDREEMPL | -.05397 | .02873 | -.26704 | .32554 | .51866 | .66312 | .44532 | 1.00000 | |
| VARIAPOB | -.10604 | -.06595 | -.43343 | .38727 | .70986 | .84138 | .70602 | .72685 | 1.00000 |

PC EXTRACTED 2 FACTORS.

POSICION DE LAS VARIABLES RESPECTO DE LOS FACTORES



ANEXO IV.19

-> FACTOR /VARIABLES HLABRA72 CONPARCE POBGANAD POBINDUS RANGOFUN SALDOMIG
 -> RANGOTAM INDREMPLE VARIAPOB /PLOT ROTATION (1,2) /.

VARIANZA EXPLICADA EN CADA FACTOR

| VARIABLE | COMMUNALITY | * | FACTOR | EIGENVALUE | PCT OF VAR | CUM PCT |
|-----------|-------------|---|--------|------------|------------|---------|
| HLABRA72 | 1.00000 | * | 1 | 4.13342 | 45.9 | 45.9 |
| CONPARCE | 1.00000 | * | 2 | 1.76949 | 19.7 | 65.6 |
| POBGANAD | 1.00000 | * | 3 | .90611 | 10.1 | 75.7 |
| POBINDUS | 1.00000 | * | 4 | .77699 | 8.6 | 84.3 |
| RANGOFUN | 1.00000 | * | 5 | .55647 | 6.2 | 90.5 |
| SALDOMIG | 1.00000 | * | 6 | .45320 | 5.0 | 95.5 |
| RANGOTAM | 1.00000 | * | 7 | .24729 | 2.7 | 98.3 |
| INDREMPLE | 1.00000 | * | 8 | .11173 | 1.2 | 99.5 |
| VARIAPOB | 1.00000 | * | 9 | .04529 | .5 | 100.0 |

PC EXTRACTED 2 FACTORS.

MATRIZ FACTORIAL

| | FACTOR 1 | FACTOR 2 |
|-----------|----------|----------|
| HLABRA72 | -.01391 | .84516 |
| CONPARCE | .08164 | .84172 |
| POBGANAD | -.46610 | -.55196 |
| POBINDUS | .56854 | .07034 |
| RANGOFUN | .84110 | -.08698 |
| SALDOMIG | .87309 | -.07317 |
| RANGOTAM | .83373 | -.05371 |
| INDREMPLE | .75607 | -.07662 |
| VARIAPOB | .92172 | -.12419 |

FINAL STATISTICS:

| VARIABLE | COMMUNALITY | * | FACTOR | EIGENVALUE | PCT OF VAR | CUM PCT |
|-----------|-------------|---|--------|------------|-------------|-------------|
| HLABRA72 | .71448 | * | 1 | 4.13342 | 45.9 | 45.9 |
| CONPARCE | .71516 | * | 2 | 1.76949 | 19.7 | 65.6 |
| POBGANAD | .52191 | * | | | | |
| POBINDUS | .32819 | * | | | | |
| RANGOFUN | .71501 | * | | | | |
| SALDOMIG | .76765 | * | | | | |
| RANGOTAM | .69800 | * | | | | |
| INDREMPLE | .57751 | * | | | | |
| VARIAPOB | .86500 | * | | | | |

VARIMAX ROTATION 1 FOR EXTRACTION 1 IN ANALYSIS 1 - KAISER NORMALIZATION.

VARIMAX CONVERGED IN 3 ITERATIONS.

MATRIZ FACTORIAL ROTADA

| | FACTOR 1 | FACTOR 2 |
|-----------|----------|----------|
| HLABRA72 | -.10925 | .83818 |
| CONPARCE | -.01392 | .84556 |
| POBGANAD | -.40080 | -.60106 |
| POBINDUS | .55697 | .13409 |
| RANGOFUN | .84554 | .00854 |
| SALDOMIG | .87577 | .02588 |
| RANGOTAM | .83447 | .04077 |
| INDREMPLE | .75989 | .00924 |
| VARIAPOB | .92985 | -.01933 |

ANEXO IV.19

- - - ROTACION Y NUEVA POSICION DE LAS VARIABLES RESPECTO DE LOS FACTORES - - - - -

HORIZONTAL FACTOR 1 VERTICAL FACTOR 2

