

ACP sur toutes les donnees quantitatives**Procédure PRINCOMP**

| | |
|---------------------|-----|
| Observations | 199 |
| Variabes | 10 |

| Simple Statistics | | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | age | syst50 | diast50 | haut50 | poids50 | chol50 |
| Mean | 46.18090452 | 124.7738693 | 83.44723618 | 68.15577889 | 168.2311558 | 258.7989950 |
| StD | 10.71473248 | 18.1301167 | 10.98695185 | 2.77449682 | 26.6148518 | 54.7876507 |

| Simple Statistics | | | | |
|-------------------|-------------|-------------|-------------|-------------|
| | syst62 | diast62 | chol62 | poids62 |
| Mean | 141.6281407 | 84.86432161 | 254.3517588 | 167.4472362 |
| StD | 24.6296285 | 12.82503405 | 46.4555493 | 27.5665582 |

| Correlation Matrix | | | | | | | | | | |
|--------------------|--------|--------|---------|--------|---------|--------|--------|---------|--------|---------|
| | age | syst50 | diast50 | haut50 | poids50 | chol50 | syst62 | diast62 | chol62 | poids62 |
| age | 1.0000 | 0.3071 | 0.1384 | -1.384 | -.0415 | 0.0444 | 0.2828 | -.0826 | -.1648 | -.1924 |
| syst50 | 0.3071 | 1.0000 | 0.7467 | -.1613 | 0.0970 | 0.0033 | 0.4833 | 0.3146 | -.1886 | -.0157 |
| diast50 | 0.1384 | 0.7467 | 1.0000 | -.0328 | 0.2536 | 0.0348 | 0.4164 | 0.4140 | -.1137 | 0.1430 |
| haut50 | -1.384 | -.1613 | -.0328 | 1.0000 | 0.4439 | -.0933 | -.0372 | 0.0726 | -.0423 | 0.5149 |
| poids50 | -.0415 | 0.0970 | 0.2536 | 0.4439 | 1.0000 | 0.0397 | 0.0735 | 0.1677 | -.0557 | 0.8168 |
| chol50 | 0.0444 | 0.0033 | 0.0348 | -.0933 | 0.0397 | 1.0000 | -.0113 | -.0446 | 0.4558 | -.0345 |
| syst62 | 0.2828 | 0.4833 | 0.4164 | -.0372 | 0.0735 | -.0113 | 1.0000 | 0.6466 | 0.0553 | 0.0967 |
| diast62 | -.0826 | 0.3146 | 0.4140 | 0.0726 | 0.1677 | -.0446 | 0.6466 | 1.0000 | 0.1788 | 0.2713 |
| chol62 | -.1648 | -.1886 | -.1137 | -.0423 | -.0557 | 0.4558 | 0.0553 | 0.1788 | 1.0000 | 0.0510 |
| poids62 | -.1924 | -.0157 | 0.1430 | 0.5149 | 0.8168 | -.0345 | 0.0967 | 0.2713 | 0.0510 | 1.0000 |

| Eigenvalues of the Correlation Matrix | | | | |
|---------------------------------------|---------------|------------|------------|--------|
| | Valeur propre | Différence | Proportion | Cumulé |
| 1 | 2.73876291 | 0.52422720 | 0.2739 | 0.2739 |
| 2 | 2.21453571 | 0.68144302 | 0.2215 | 0.4953 |
| 3 | 1.53309269 | 0.45000533 | 0.1533 | 0.6486 |
| 4 | 1.08308736 | 0.23744089 | 0.1083 | 0.7569 |
| 5 | 0.84564647 | 0.29326144 | 0.0846 | 0.8415 |

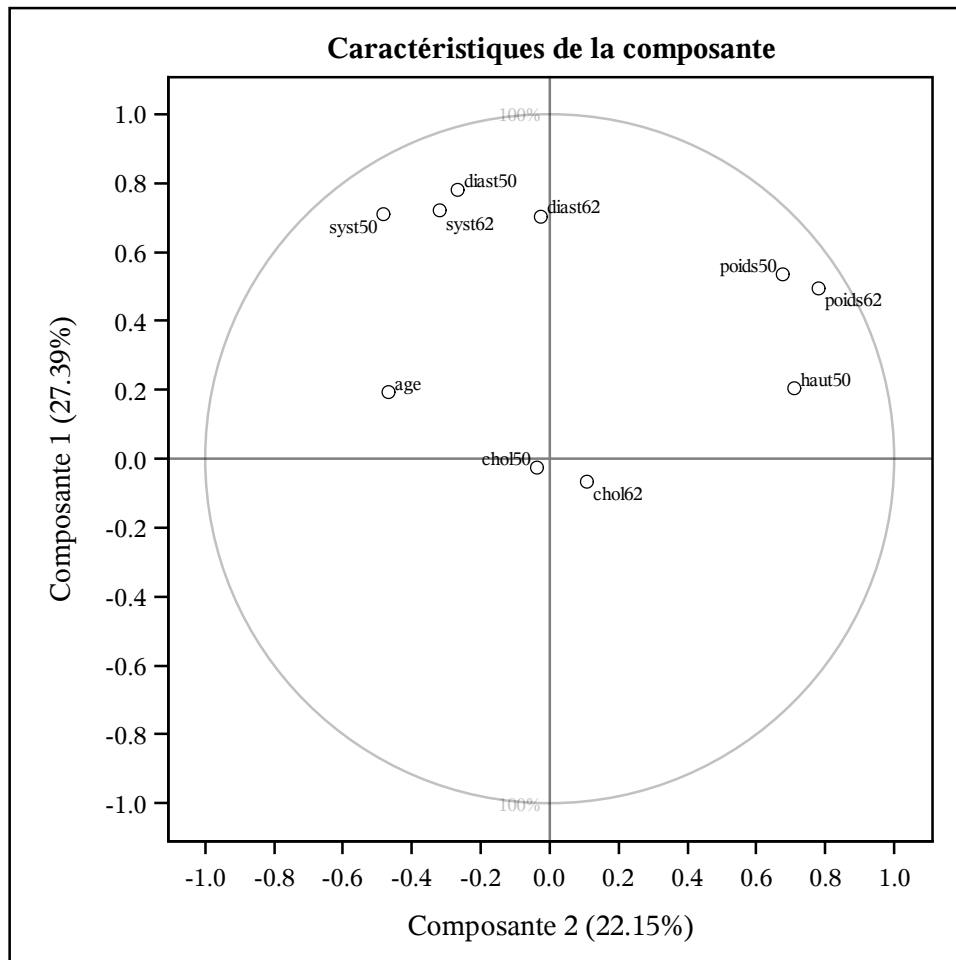
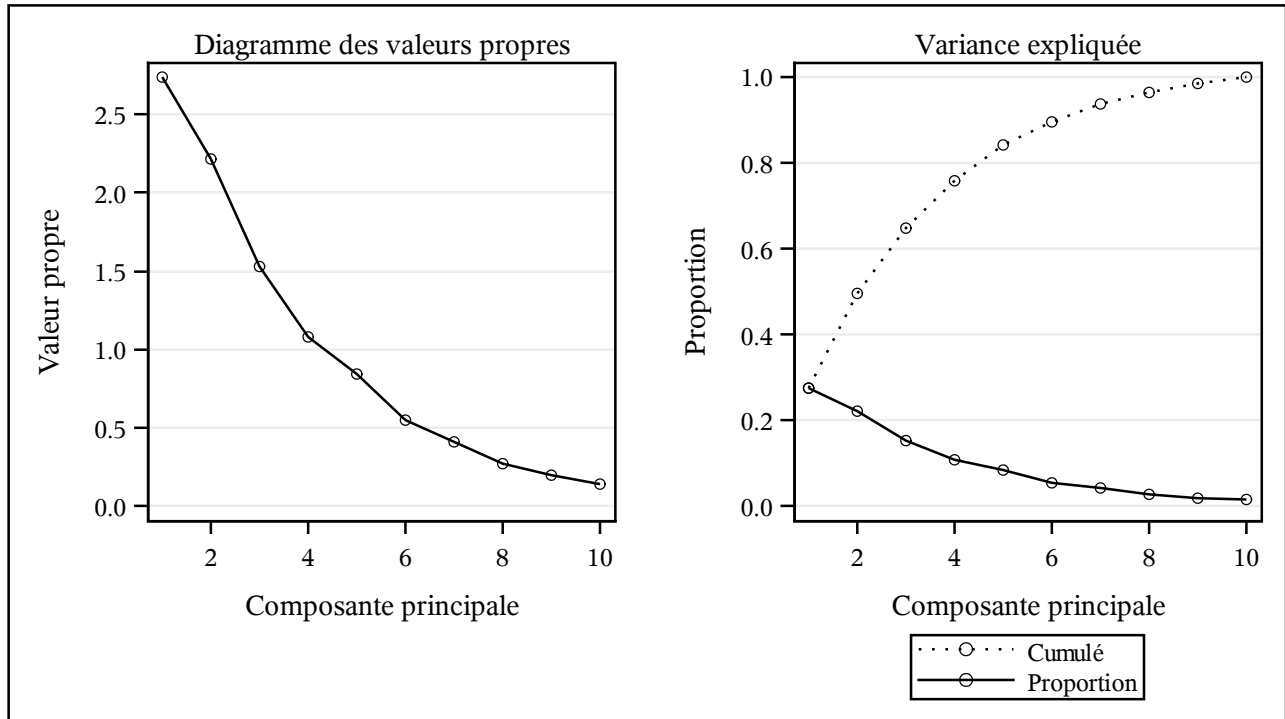
ACP sur toutes les donnees quantitatives**Procédure PRINCOMP**

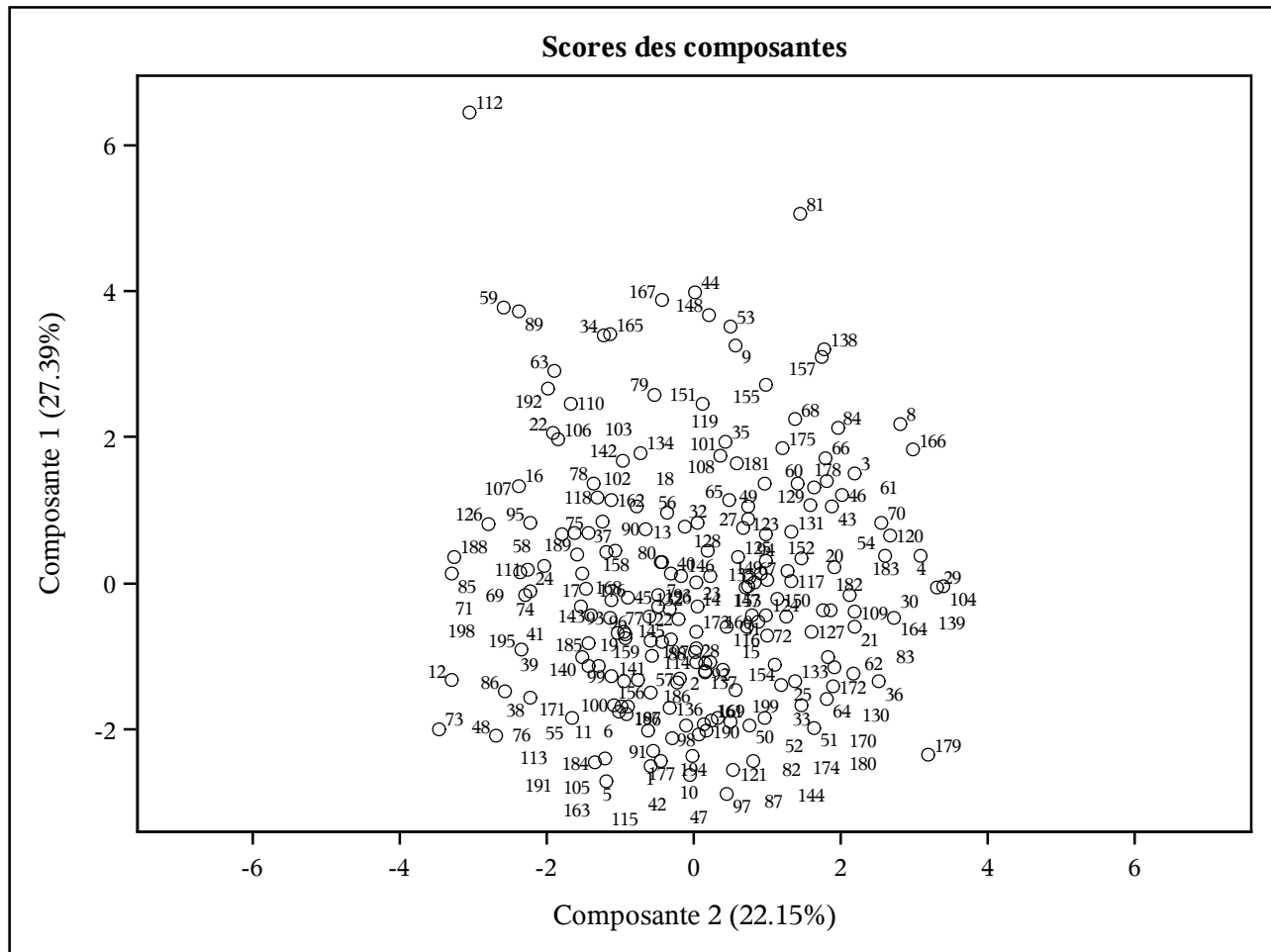
| Eigenvalues of the Correlation Matrix | | | | |
|--|----------------------|-------------------|-------------------|---------------|
| | Valeur propre | Différence | Proportion | Cumulé |
| 6 | 0.55238503 | 0.13972882 | 0.0552 | 0.8968 |
| 7 | 0.41265622 | 0.13833069 | 0.0413 | 0.9380 |
| 8 | 0.27432553 | 0.07246762 | 0.0274 | 0.9654 |
| 9 | 0.20185791 | 0.05820775 | 0.0202 | 0.9856 |
| 10 | 0.14365016 | | 0.0144 | 1.0000 |

| Eigenvectors | | | | | | | | | | |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | Prin1 | Prin2 | Prin3 | Prin4 | Prin5 | Prin6 | Prin7 | Prin8 | Prin9 | Prin10 |
| age | 0.116472 | -.315090 | -.167932 | 0.512904 | 0.653310 | -.090328 | 0.216566 | 0.320777 | 0.058979 | 0.087353 |
| syst50 | 0.428705 | -.324490 | -.107587 | 0.172117 | -.290248 | 0.149528 | 0.174901 | -.379195 | 0.616713 | -.091665 |
| diast50 | 0.470519 | -.178387 | -.040208 | 0.122627 | -.446708 | 0.198987 | 0.212224 | 0.313313 | -.561323 | 0.180843 |
| haut50 | 0.123369 | 0.477740 | -.127132 | 0.023560 | 0.267785 | 0.812867 | 0.051235 | -.020415 | 0.030018 | -.058512 |
| poids50 | 0.322361 | 0.455667 | -.076289 | 0.312877 | -.048101 | -.364084 | -.019748 | -.000278 | -.112141 | -.660986 |
| chol50 | -.016094 | -.024253 | 0.587927 | 0.535162 | -.110671 | 0.169790 | -.559433 | 0.051548 | 0.060890 | 0.081786 |
| syst62 | 0.435451 | -.214638 | 0.138337 | -.232078 | 0.422033 | -.033615 | -.265287 | -.545189 | -.380085 | -.000975 |
| diast62 | 0.425315 | -.017408 | 0.245209 | -.495869 | 0.126539 | -.037055 | -.190275 | 0.577394 | 0.337782 | -.108260 |
| chol62 | -.039479 | 0.072890 | 0.715304 | -.033507 | 0.093202 | -.005193 | 0.672850 | -.103579 | -.022472 | -.087593 |
| poids62 | 0.299656 | 0.524844 | -.006511 | 0.080955 | 0.017679 | -.324374 | 0.046692 | -.103588 | 0.157648 | 0.696315 |

ACP sur toutes les donnees quantitatives

Procédure PRINCOMP



ACP sur toutes les donnees quantitatives**Procédure PRINCOMP****Procédure CORR**

14 Variables : age syst50 diast50 haut50 poids50 chol50 syst62 diast62 chol62 poids62 Prin1 Prin2 Prin3 Prin4

| Statistiques simples | | | | | | |
|----------------------|-----|-----------|------------|-------|-----------|-----------|
| Variable | N | Moyenne | Ecart-type | Somme | Minimum | Maximum |
| age | 199 | 46.18090 | 10.71473 | 9190 | 20.00000 | 69.00000 |
| syst50 | 199 | 124.77387 | 18.13012 | 24830 | 88.00000 | 210.00000 |
| diast50 | 199 | 83.44724 | 10.98695 | 16606 | 38.00000 | 140.00000 |
| haut50 | 199 | 68.15578 | 2.77450 | 13563 | 61.00000 | 75.00000 |
| poids50 | 199 | 168.23116 | 26.61485 | 33478 | 109.00000 | 245.00000 |
| chol50 | 199 | 258.79899 | 54.78765 | 51501 | 130.00000 | 535.00000 |
| syst62 | 199 | 141.62814 | 24.62963 | 28184 | 70.00000 | 230.00000 |
| diast62 | 199 | 84.86432 | 12.82503 | 16888 | 56.00000 | 125.00000 |
| chol62 | 199 | 254.35176 | 46.45555 | 50616 | 139.00000 | 368.00000 |

ACP sur toutes les donnees quantitatives**Procédure CORR**

| Statistiques simples | | | | | | |
|----------------------|-----|-----------|------------|-------|-----------|-----------|
| Variable | N | Moyenne | Ecart-type | Somme | Minimum | Maximum |
| poids62 | 199 | 167.44724 | 27.56656 | 33322 | 108.00000 | 246.00000 |
| Prin1 | 199 | 0 | 1.65492 | 0 | -2.88124 | 6.44592 |
| Prin2 | 199 | 0 | 1.48813 | 0 | -3.45870 | 3.39959 |
| Prin3 | 199 | 0 | 1.23818 | 0 | -2.70778 | 3.31717 |
| Prin4 | 199 | 0 | 1.04071 | 0 | -2.61862 | 3.69593 |

ACP sur toutes les donnees quantitatives**Procédure CORR**

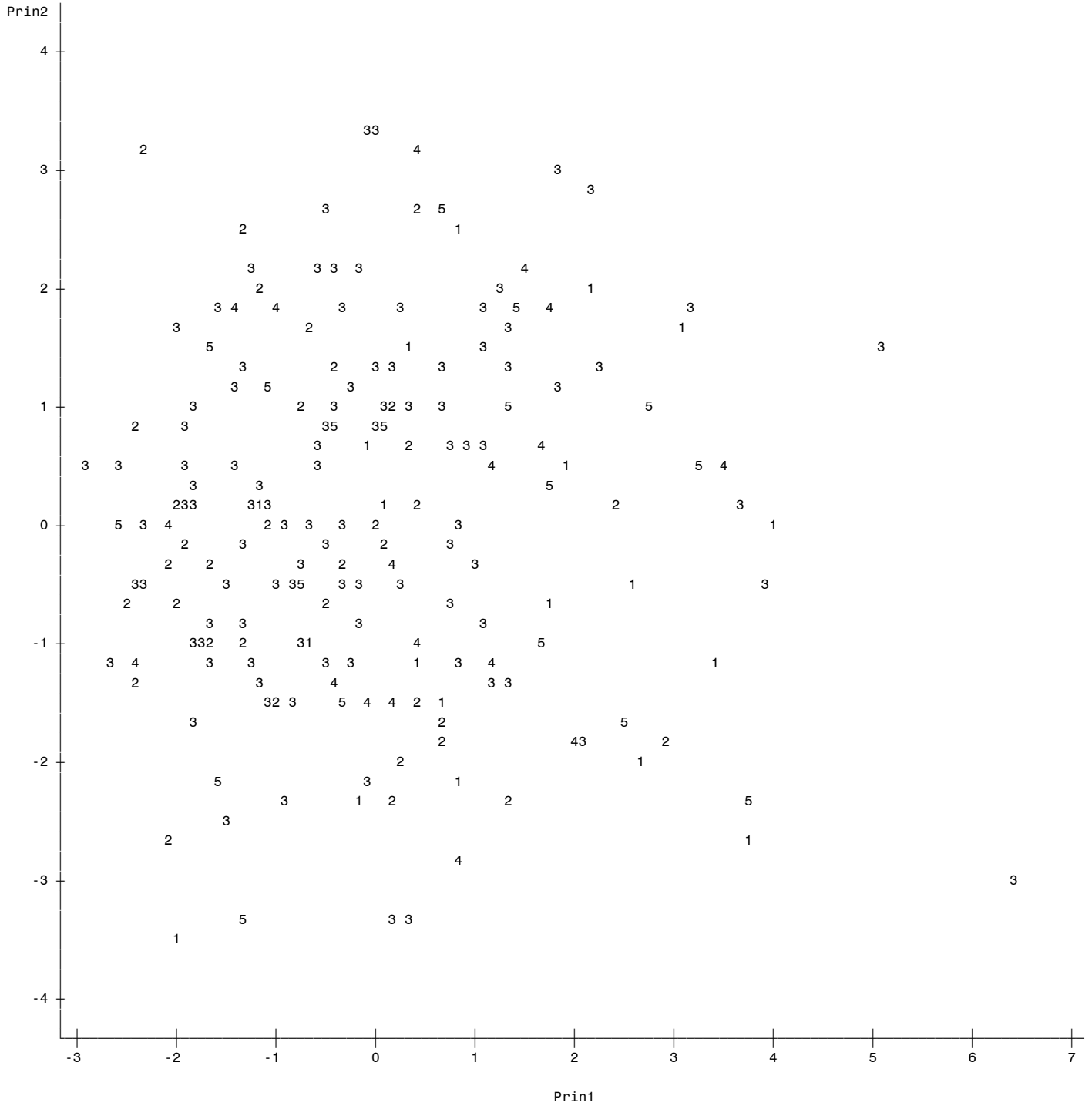
| Coefficients de corrélation de Pearson, N = 199 Proba > r sous H0: Rho=0 | | | | | | | | | |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | age | syst50 | diast50 | haut50 | poids50 | chol50 | syst62 | diast62 | chol62 |
| age | 1.00000 0.0000 | 0.30713 <.0001 | 0.13844 0.0512 | -0.13839 0.0512 | -0.04150 0.5606 | 0.04440 0.5335 | 0.28275 <.0001 | -0.08255 0.2464 | -0.16483 0.0200 |
| syst50 | 0.30713 <.0001 | 1.00000 | 0.74667 <.0001 | -0.16135 0.0228 | 0.09704 0.1727 | 0.00327 0.9634 | 0.48333 <.0001 | 0.31456 <.0001 | -0.18857 0.0076 |
| diast50 | 0.13844 0.0512 | 0.74667 <.0001 | 1.00000 | -0.03278 0.6458 | 0.25359 0.0003 | 0.03481 0.6255 | 0.41641 <.0001 | 0.41398 <.0001 | -0.11370 0.1098 |
| haut50 | -0.13839 0.0512 | -0.16135 0.0228 | -0.03278 0.6458 | 1.00000 | 0.44394 <.0001 | -0.09329 0.1900 | -0.03721 0.6018 | 0.07256 0.3085 | -0.04232 0.5529 |
| poids50 | -0.04150 0.5606 | 0.09704 0.1727 | 0.25359 0.0003 | 0.44394 <.0001 | 1.00000 | 0.03967 0.5780 | 0.07353 0.3020 | 0.16766 0.0179 | -0.05571 0.4345 |
| chol50 | 0.04440 0.5335 | 0.00327 0.9634 | 0.03481 0.6255 | -0.09329 0.1900 | 0.03967 0.5780 | 1.00000 | -0.01130 0.8742 | -0.04456 0.5320 | 0.45583 <.0001 |
| syst62 | 0.28275 <.0001 | 0.48333 <.0001 | 0.41641 <.0001 | -0.03721 0.6018 | 0.07353 0.3020 | -0.01130 0.8742 | 1.00000 | 0.64657 <.0001 | 0.05533 0.4377 |
| diast62 | -0.08255 0.2464 | 0.31456 <.0001 | 0.41398 <.0001 | 0.07256 0.3085 | 0.16766 0.0179 | -0.04456 0.5320 | 0.64657 <.0001 | 1.00000 | 0.17877 0.0115 |
| chol62 | -0.16483 0.0200 | -0.18857 0.0076 | -0.11370 0.1098 | -0.04232 0.5529 | -0.05571 0.4345 | 0.45583 <.0001 | 0.05533 0.4377 | 0.17877 0.0115 | 1.00000 |
| poids62 | -0.19237 0.0065 | -0.01568 0.8260 | 0.14304 0.0438 | 0.51488 <.0001 | 0.81683 <.0001 | -0.03454 0.6281 | 0.09669 0.1743 | 0.27127 0.0001 | 0.05100 0.4744 |
| Prin1 | 0.19275 0.0064 | 0.70947 <.0001 | 0.77867 <.0001 | 0.20417 0.0038 | 0.53348 <.0001 | -0.02663 0.7088 | 0.72064 <.0001 | 0.70386 <.0001 | -0.06533 0.3592 |
| Prin2 | -0.46890 <.0001 | -0.48288 <.0001 | -0.26546 0.0002 | 0.71094 <.0001 | 0.67809 <.0001 | -0.03609 0.6128 | -0.31941 <.0001 | -0.02591 0.7165 | 0.10847 0.1273 |
| Prin3 | -0.20793 0.0032 | -0.13321 0.0607 | -0.04978 0.4850 | -0.15741 0.0264 | -0.09446 0.1845 | 0.72796 <.0001 | 0.17129 0.0156 | 0.30361 <.0001 | 0.88568 <.0001 |
| Prin4 | 0.53379 <.0001 | 0.17912 0.0114 | 0.12762 0.0724 | 0.02452 0.7310 | 0.32562 <.0001 | 0.55695 <.0001 | -0.24153 0.0006 | -0.51606 <.0001 | -0.03487 0.6249 |

ACP sur toutes les donnees quantitatives**Procédure CORR**

| Coefficients de corrélation de Pearson, N = 199 Proba > r sous H0: Rho=0 | | | | | |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| | poids62 | Prin1 | Prin2 | Prin3 | Prin4 |
| age | -0.19237 0.0065 | 0.19275 0.0064 | -0.46890 <.0001 | -0.20793 0.0032 | 0.53379 <.0001 |
| syst50 | -0.01568 0.8260 | 0.70947 <.0001 | -0.48288 <.0001 | -0.13321 0.0607 | 0.17912 0.0114 |
| diast50 | 0.14304 0.0438 | 0.77867 <.0001 | -0.26546 0.0002 | -0.04978 0.4850 | 0.12762 0.0724 |
| haut50 | 0.51488 <.0001 | 0.20417 0.0038 | 0.71094 <.0001 | -0.15741 0.0264 | 0.02452 0.7310 |
| poids50 | 0.81683 <.0001 | 0.53348 <.0001 | 0.67809 <.0001 | -0.09446 0.1845 | 0.32562 <.0001 |
| chol50 | -0.03454 0.6281 | -0.02663 0.7088 | -0.03609 0.6128 | 0.72796 <.0001 | 0.55695 <.0001 |
| syst62 | 0.09669 0.1743 | 0.72064 <.0001 | -0.31941 <.0001 | 0.17129 0.0156 | -0.24153 0.0006 |
| diast62 | 0.27127 0.0001 | 0.70386 <.0001 | -0.02591 0.7165 | 0.30361 <.0001 | -0.51606 <.0001 |
| chol62 | 0.05100 0.4744 | -0.06533 0.3592 | 0.10847 0.1273 | 0.88568 <.0001 | -0.03487 0.6249 |
| poids62 | 1.00000 | 0.49591 <.0001 | 0.78104 <.0001 | -0.00806 0.9100 | 0.08425 0.2368 |
| Prin1 | 0.49591 <.0001 | 1.00000 | 0.00000 1.0000 | 0.00000 1.0000 | 0.00000 1.0000 |
| Prin2 | 0.78104 <.0001 | 0.00000 1.0000 | 1.00000 | 0.00000 1.0000 | 0.00000 1.0000 |
| Prin3 | -0.00806 0.9100 | 0.00000 1.0000 | 0.00000 1.0000 | 1.00000 | 0.00000 1.0000 |
| Prin4 | 0.08425 0.2368 | 0.00000 1.0000 | 0.00000 1.0000 | 0.00000 1.0000 | 1.00000 |

Premiere comp fonction de la 2eme, et STATUS SOCIO-ECON

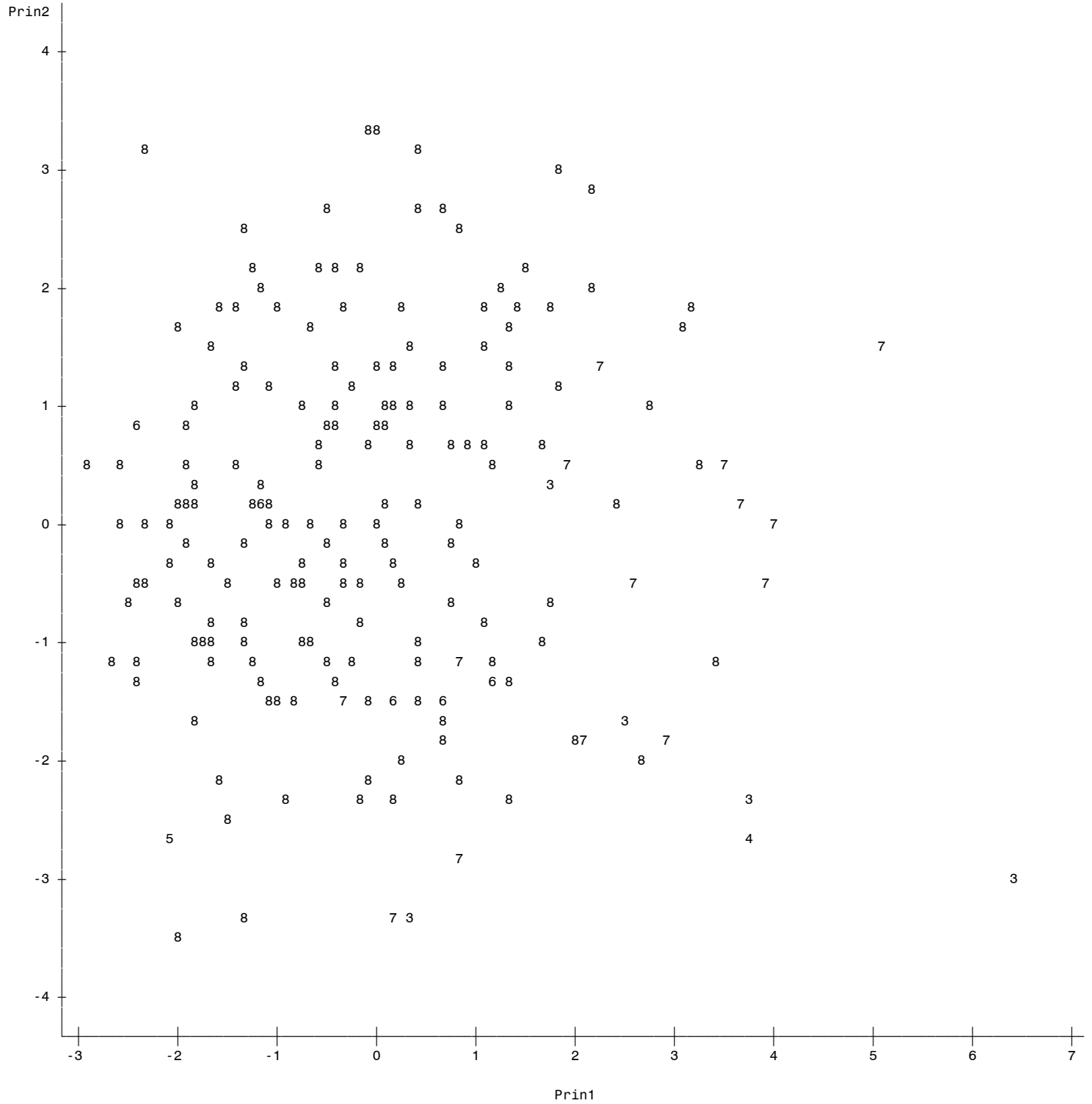
Graphe de Prin2*Prin1. Le symbole est la valeur de status.



NOTE: 10 obs masquée(s).

Premiere comp fonction de la 2eme, et STATUS CLINIQUE

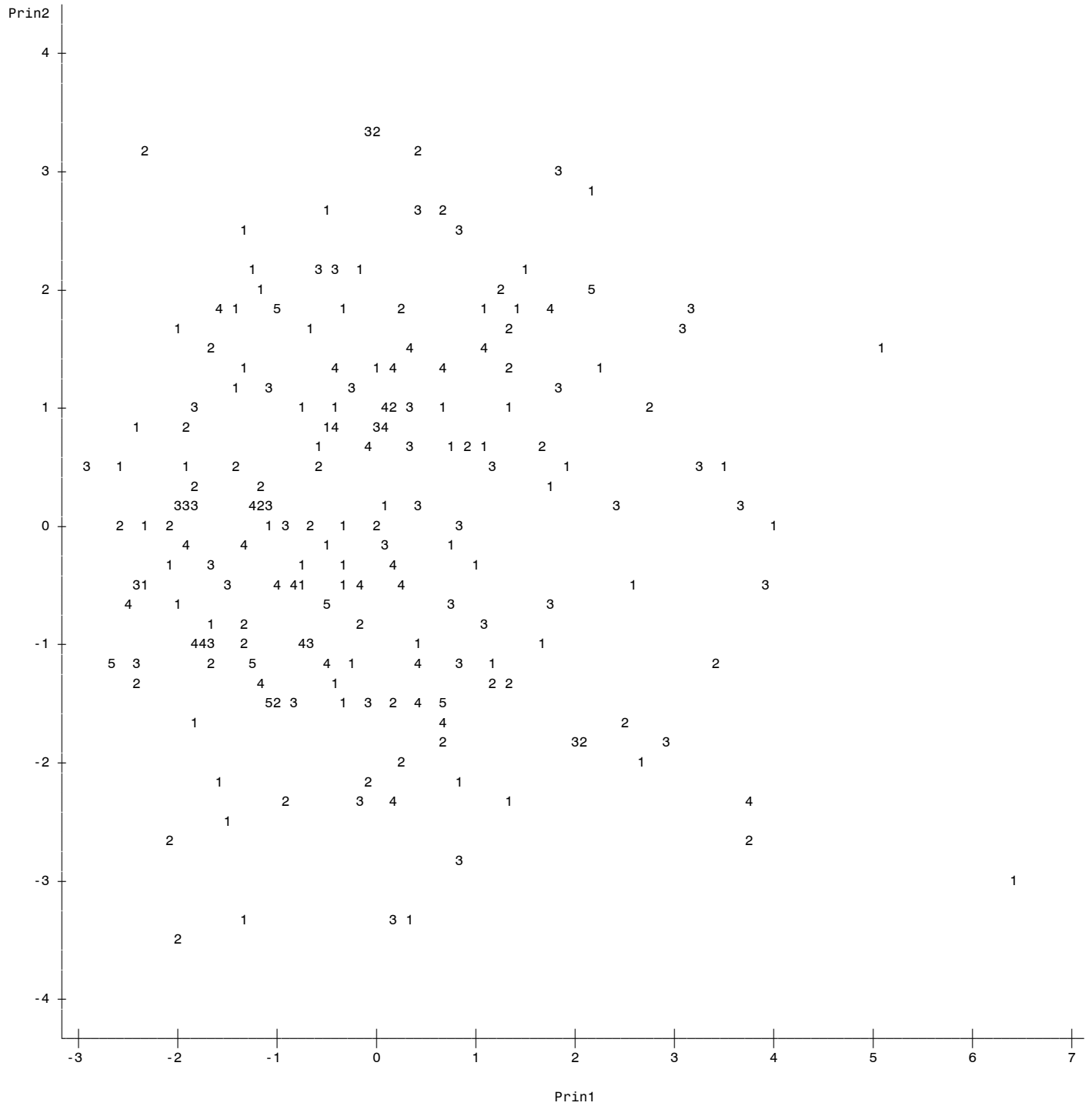
Graphe de Prin2*Prin1. Le symbole est la valeur de clinique.



NOTE: 10 obs masquée(s).

Premiere comp fonction de la 2eme, et DIAGNOSTIQUE 1962

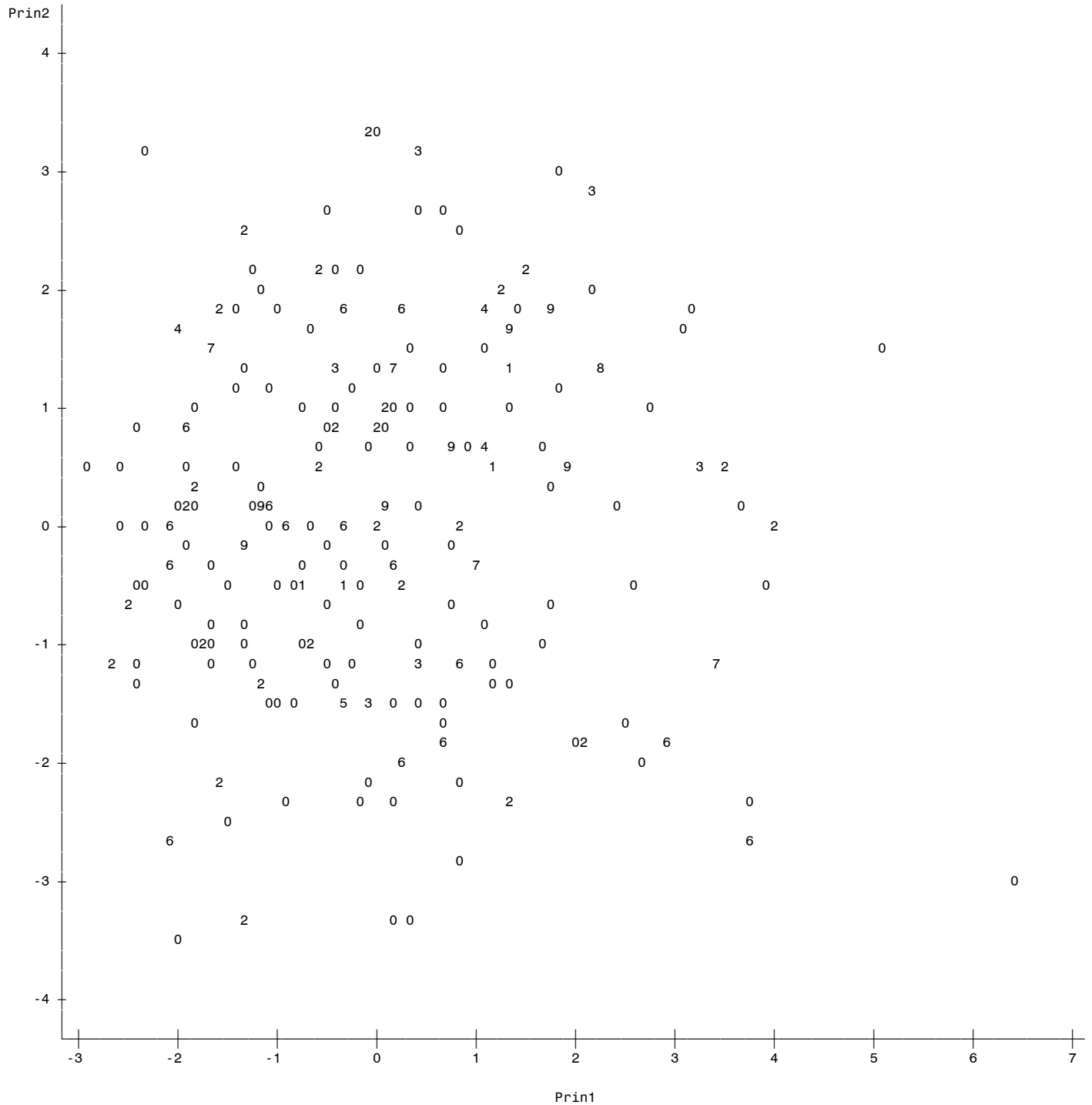
Graphe de Prin2*Prin1. Le symbole est la valeur de med2.



NOTE: 10 obs masquée(s).

Premiere comp fonction de la 2eme, et DIAGNOSTIQUE ISCHEMIC

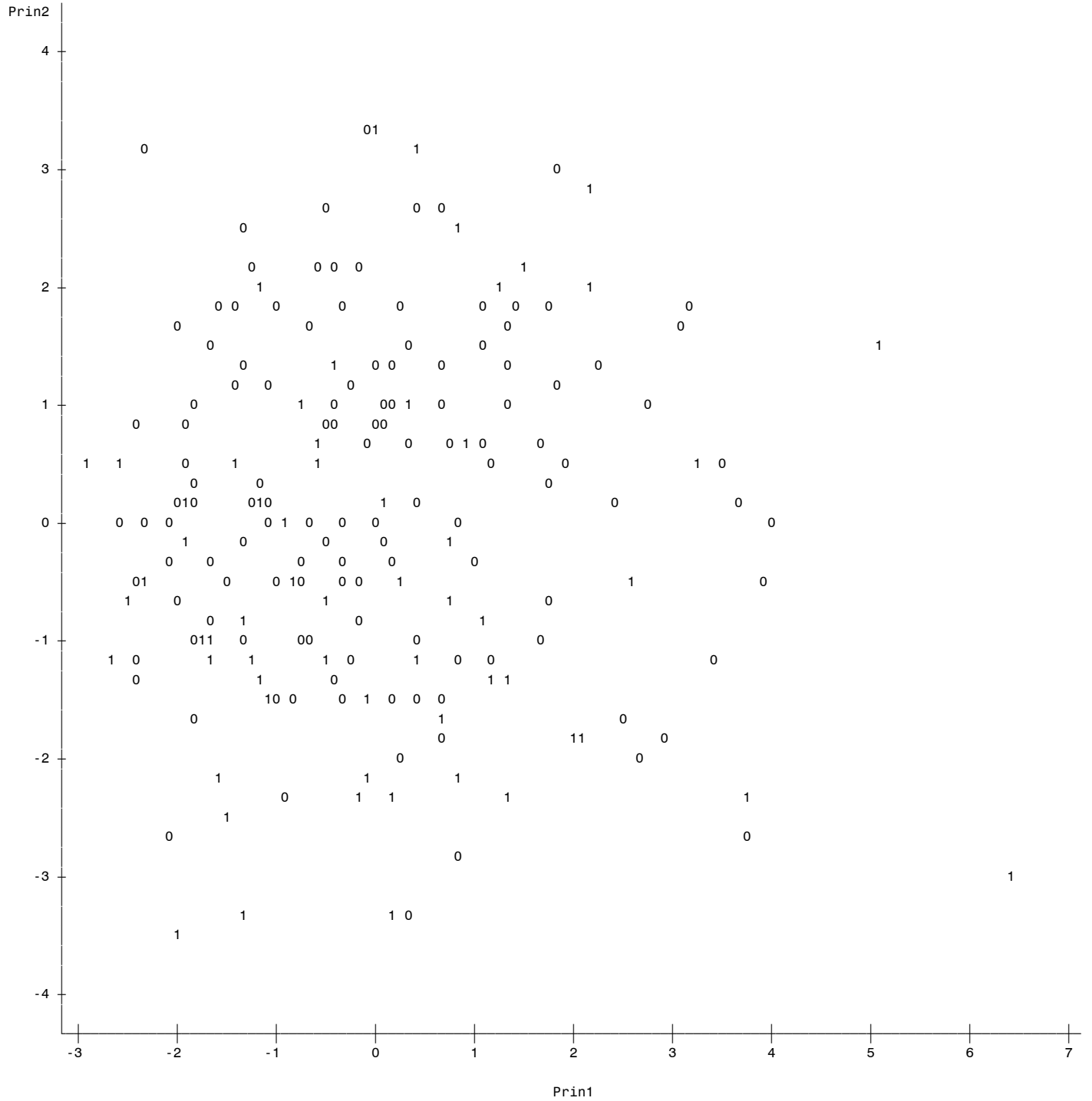
Graphe de Prin2*Prin1. Le symbole est la valeur de diagn.



NOTE: 10 obs masquée(s).

Premiere comp fonction de la 2eme, et SURVIE

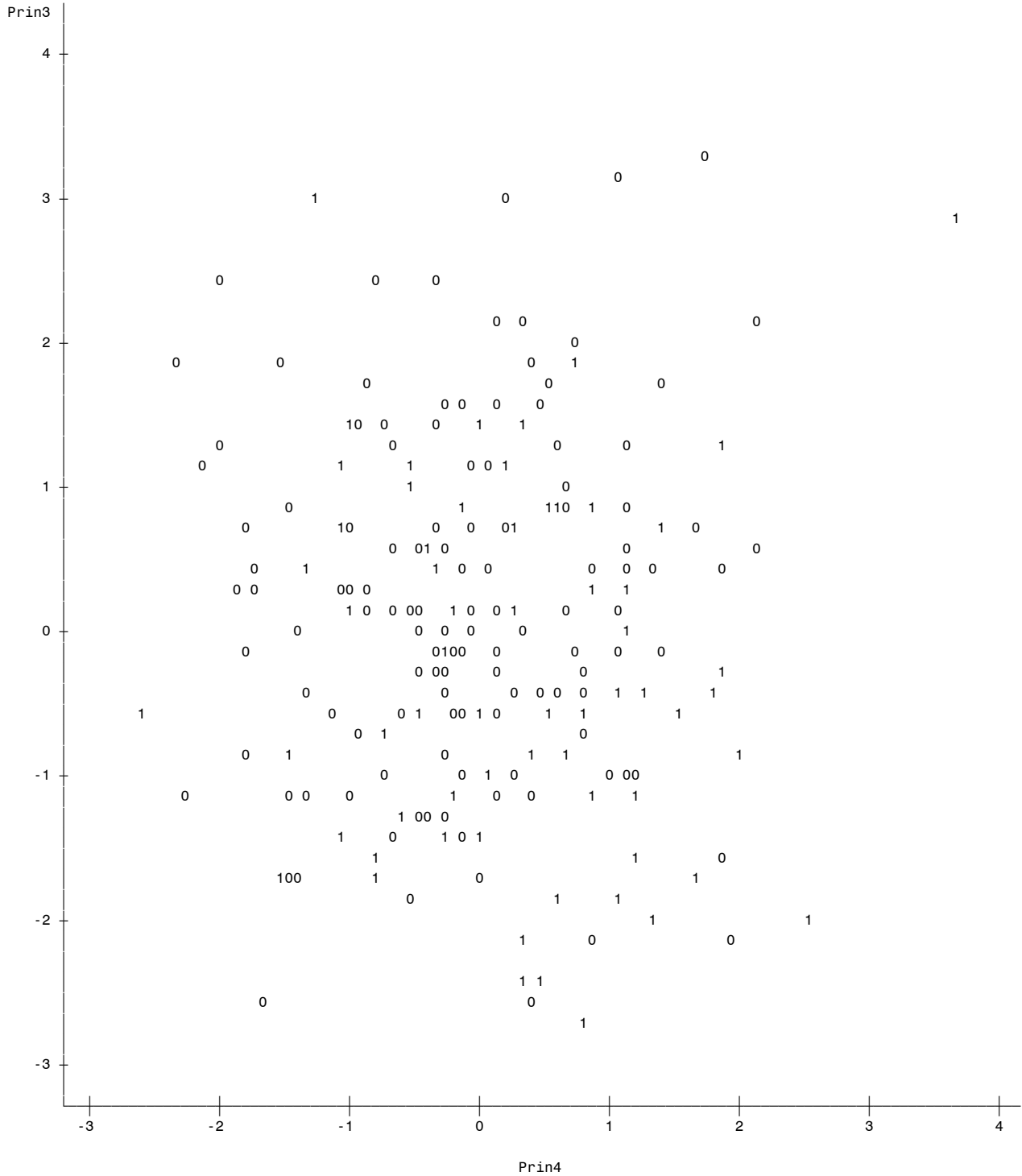
Graphe de Prin2*Prin1. Le symbole est la valeur de survie.



NOTE: 10 obs masquée(s).

Premiere comp fonction de la 3eme, et SURVIE

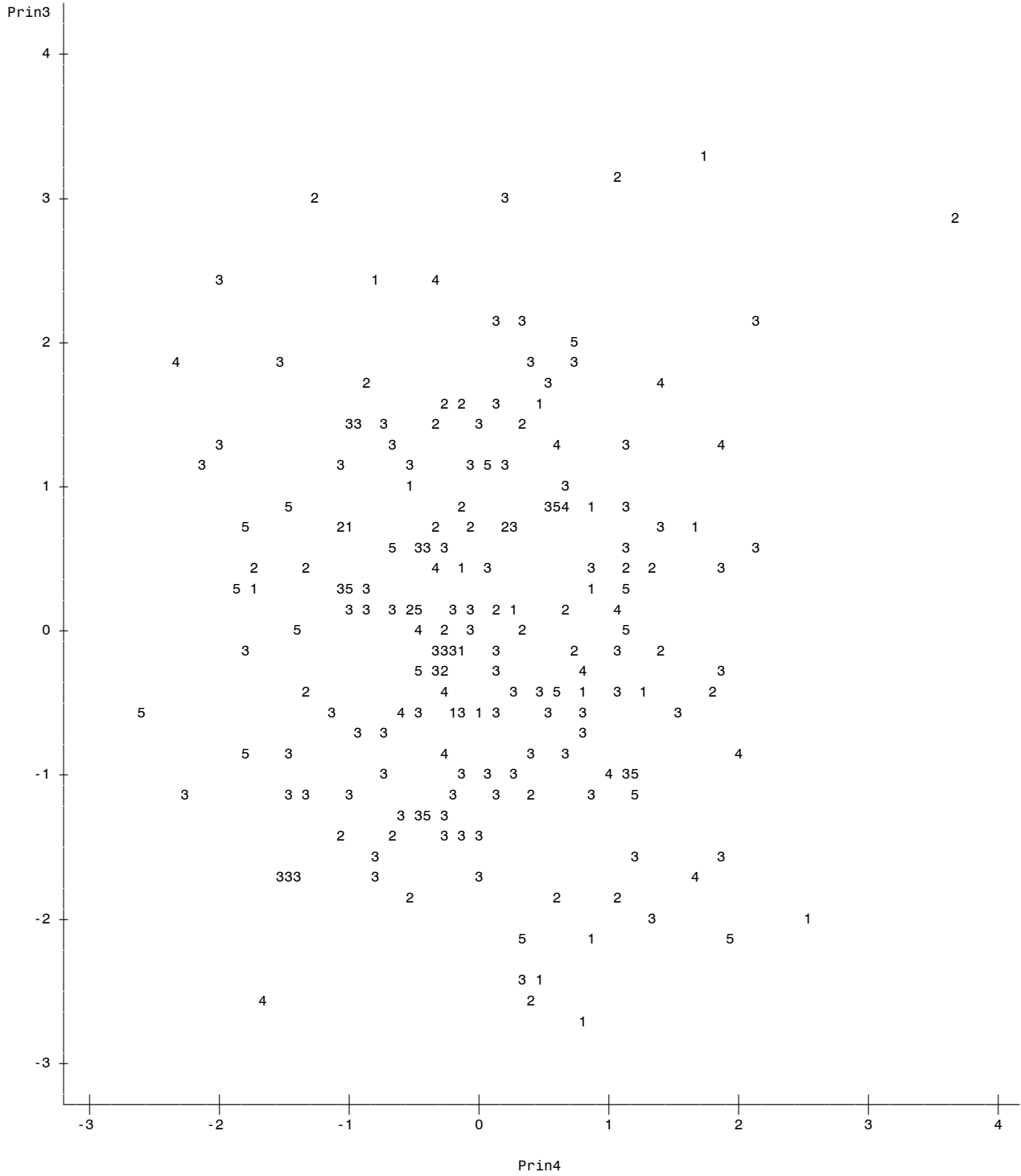
Graphe de Prin3*Prin4. Le symbole est la valeur de survie.



NOTE: 11 obs masquée(s).

Premiere comp fonction de la 3eme, et STATUS SOCIO-ECON

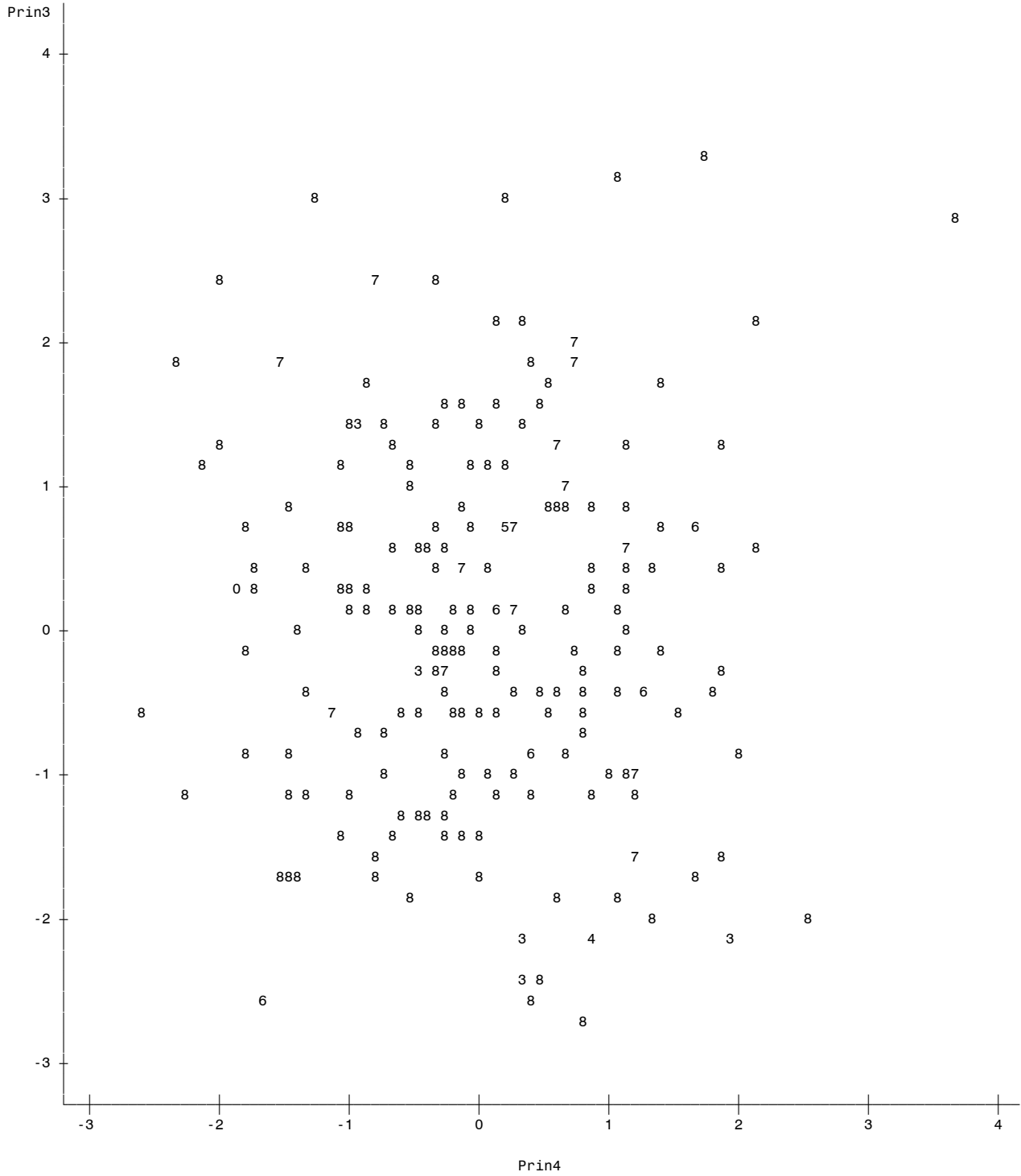
Graphe de Prin3*Prin4. Le symbole est la valeur de status.



NOTE: 11 obs masquée(s).

Premiere comp fonction de la 3eme, et STATUS CLINIQUE

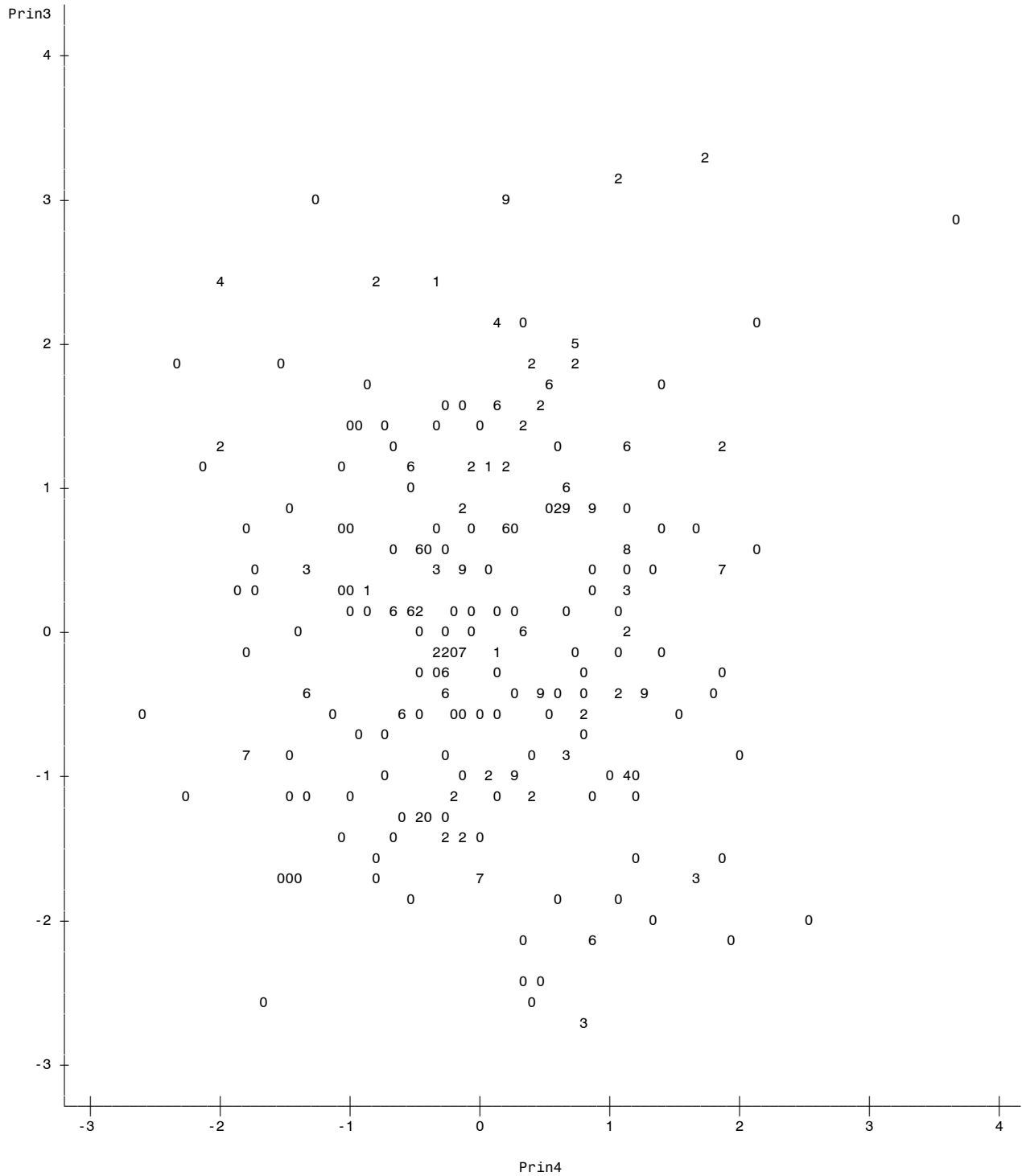
Graphe de Prin3*Prin4. Le symbole est la valeur de clinique.



NOTE: 11 obs masquée(s).

Premiere comp fonction de la 3eme, et DIAGNOSTIQUE ISCHEMIC

Graphe de Prin3*Prin4. Le symbole est la valeur de diagn.



NOTE: 11 obs masquée(s).