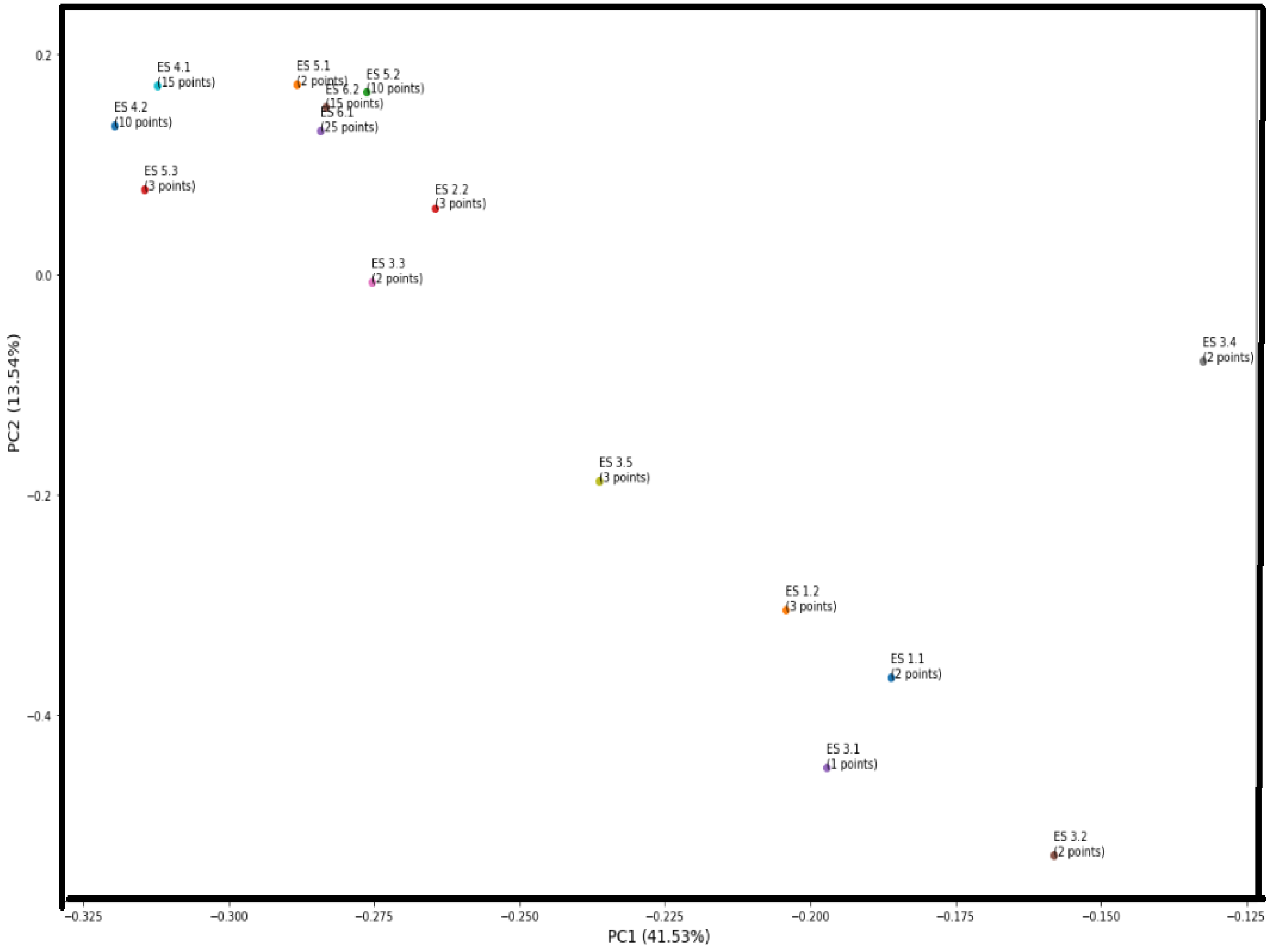
DIAGRAMA PCA



RESULTADOS DE LA REGRESIÓN OLS

```
print_model=model.summary()
print(print_model)
```

```
                            OLS Regression Results
==============================================================================
Dep. Variable:      TOTAL
(100 points)   R-squared:                0.994
Model:                            OLS   Adj. R-squared:                  0.993
Method:                 Least Squares   F-statistic:                     855.9
Date:                Sat, 04 Jun 2022   Prob (F-statistic):           8.39e-45
Time:                        19:48:20   Log-Likelihood:                -114.85
No. Observations:                  52   AIC:                             247.7
Df Residuals:                      43   BIC:                             265.3
Df Model:                           8
Covariance Type:            nonrobust
======================================================================================
                         coef    std err          t      P>|t|      [0.025      0.975]
--------------------------------------------------------------------------------------
const                 10.7551      0.766     14.038      0.000       9.210      12.300
ES 4.1
(15 points)      0.9622      0.105      9.195      0.000       0.751       1.173
ES 4.2
(10 points)      1.1642      0.184      6.335      0.000       0.794       1.535
ES 5.1
(2 points)       1.1585      0.644      1.799      0.079      -0.140       2.457
ES 5.2
(10 points)      1.0402      0.148      7.030      0.000       0.742       1.339
ES 5.3
(3 points)       1.6315      0.425      3.835      0.000       0.774       2.489
ES 6.1
(25 points)      0.9857      0.058     16.931      0.000       0.868       1.103
ES 6.2
(15 points)      1.1150      0.095     11.733      0.000       0.923       1.307
ES 2.2
(3 points)       1.6162      0.421      3.836      0.000       0.766       2.466
==============================================================================
Omnibus:                       20.358   Durbin-Watson:                   2.183
Prob(Omnibus):                  0.000   Jarque-Bera (JB):               40.731
Skew:                          -1.111   Prob(JB):                     1.43e-09
Kurtosis:                       6.723   Cond. No.                         53.2
==============================================================================

Warnings:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
```