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/* TFM : La felicidad en España: Un análisis multivariante */
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```
/* Importamos los datos */
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```
proc import datafile = 'C:\EncuestaINE.csv'  
    out=work.Encuesta  
    dbms=csv  
    replace;  
    getnames=yes;  
run;
```

```
/* Analisis Factorial - Factores Comunes*/
```

```
proc factor data = work.Encuesta (DROP = PW090 PL076 PL074 PL090 PS050\_4  
    PH050\_NA PS060\_4 \ PS040\_7 PH070\_NA) plots=ALL  
    outstat = ACF  
    out = ACF1  
    priors = smc  
    residuals nfact=15 MSA rotate = varimax;  
    var PL060 -- PS102\_4;  
run;
```

```
/* Union salida de factores ACF1 con variable dependiente PW090*/
```

```
proc sql;  
    create table ACF2 as  
    select b.pb030, b.Factor1, b.Factor2, b.Factor3, b.Factor4, b.Factor5,  
        b.Factor6, b.Factor7, b.Factor8, b.Factor9, b.Factor10, b.Factor11,  
        b.Factor12, b.Factor13, b.Factor14, b.Factor15, a.PW090  
    from Encuesta as a  
    inner join ACF1 as b  
    on a.pb030 = b.pb030; /*columna id */  
quit;
```

```
/* Exportamos a Excel */
```

```
proc export data=ACF2  
    outfile='C:\Factores.xlsx'  
    dbms=xlsx  
    replace;  
run;
```