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**Notas**

1. Dif 11265 y 11237
   1. es por completeness of t3. Ver en Excel covariates y en 2.
2. Base GAM (en csv) y Base STATA
   1. son iguales para estos 3 análisis. Ver 4.1
3. ¿Cómo se construyó esa base? 🡺 merges in STATA desde 3 bases crudas. ¿Rehacer?
4. ¿Diferencia en modelar age2 y bmi lineal o gam?
   1. Por 5.1 muy leve mejora al modelar por gam age y bmi. Baja leve de performance por modelar pm línea en vez de gam (manteniendo bmi y age gam).
   2. ¿Cómo modela cr? Porque 10? No será mucho? Maybe overadjusted? Usar categorías 25-30, 31-40, etc… Tb BMI.
5. Ver fixed cohort bias. Ver tiempos data MEQ y ANGELES.

# Compare pms MEQ vs ANG (3.1)

## PM ANG vs MEQ

### Large dispersión. Different CS or calculation?

Figure 1 DATA ANG pm MEQ vs pmpred ANG

Gráfico, Gráfico de dispersión

Descripción generada automáticamente

Figure 2 DATA ANG pm MEQ vs pmcs ANG

Interfaz de usuario gráfica

Descripción generada automáticamente

Figure 3 DATA ANG pm ANG vs cs ANG

Gráfico

Descripción generada automáticamente

Figure 4 DATA ANG pm ANG vs cs ANG reves

Interfaz de usuario gráfica, Gráfico

Descripción generada automáticamente

# Comparar tiempos ANG MEQ (3.2)

## Fechaini y fecha end ANG y MEQ

### Fechaini: parte 1/1/2009 (~ 6 al día) ultimo 10/5/2015 (~1)

### Fechafin: parte 26/7/2009 (~1) último 31/12/2015 (~6)

### Shorter week at early fechafin, shorter weeks at last fechaini

### Posible Fixed cohort BIAS (STRAND)

Gráfico

Descripción generada automáticamente

Gráfico

Descripción generada automáticamente

Gráfico

Descripción generada automáticamente

Gráfico

Descripción generada automáticamente

# Rehacer TESIS MEQ

## Rehacer STATA (4.1)

### Can redo MEQ STATA for thesis

### Equal results using data GAM

### Add IQR: higher ~1.10 for t2 and t3 PE.

Tabla 1 Redo with STATA base from MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** | **ORIQR** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod | 11,236 | 1.01 | 0.97 | 1.06 | 0.59 | 1.05 |
| preclampsi | pmt1 | 11,236 | 0.98 | 0.95 | 1.01 | 0.14 | 0.87 |
| preclampsi | pmt2 | 11,236 | 1.02 | 0.99 | 1.04 | 0.21 | 1.12 |
| preclampsi | pmt3 | 11,236 | 1.02 | 0.99 | 1.05 | 0.16 | 1.13 |
| preclampsi | pmw20 | 11,236 | 0.99 | 0.96 | 1.02 | 0.42 | 0.93 |
| she | pmperiod | 11,236 | 1.00 | 0.98 | 1.03 | 0.75 | 1.02 |
| she | pmt1 | 11,236 | 1.00 | 0.98 | 1.01 | 0.65 | 0.98 |
| she | pmt2 | 11,236 | 1.01 | 0.99 | 1.02 | 0.47 | 1.04 |
| she | pmt3 | 11,236 | 1.01 | 0.99 | 1.02 | 0.45 | 1.04 |
| she | pmw20 | 11,236 | 1.00 | 0.98 | 1.02 | 0.92 | 0.99 |

Tabla 2 Full PE vs pmt2

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi | (Intercept) | 11,236 | 0.001 | 0.000 | 0.002 | 0.000 |
| preclampsi | pmt2 | 11,236 | 1.017 | 0.991 | 1.043 | 0.211 |
| preclampsi | age2 | 11,236 | 1.035 | 1.011 | 1.059 | 0.004 |
| preclampsi | as.factor(hipertens1)Yes | 11,236 | 1.582 | 0.864 | 2.899 | 0.137 |
| preclampsi | as.factor(diabetes1)Yes | 11,236 | 1.348 | 0.465 | 3.904 | 0.583 |
| preclampsi | bmi\_1 | 11,236 | 1.093 | 1.071 | 1.116 | 0.000 |
| preclampsi | as.factor(dmg)1 | 11,236 | 0.875 | 0.556 | 1.377 | 0.564 |
| preclampsi | as.factor(fuma)Yes | 11,236 | 0.477 | 0.234 | 0.971 | 0.041 |
| preclampsi | as.factor(para2)Yes | 11,236 | 2.829 | 2.067 | 3.871 | 0.000 |
| preclampsi | as.factor(multiple)Yes | 11,236 | 2.339 | 1.322 | 4.138 | 0.004 |
| preclampsi | as.factor(api)Adequate plus | 11,236 | 0.638 | 0.477 | 0.854 | 0.003 |
| preclampsi | as.factor(api)Inadequate | 11,236 | 0.726 | 0.466 | 1.131 | 0.156 |
| preclampsi | as.factor(api)Intermediate | 11,236 | 1.051 | 0.597 | 1.852 | 0.862 |
| preclampsi | as.factor(estudios2)None or primary | 11,236 | 0.742 | 0.524 | 1.050 | 0.092 |
| preclampsi | as.factor(estudios2)Secondary | 11,236 | 0.754 | 0.548 | 1.036 | 0.082 |
| preclampsi | as.factor(estado2)Single parent | 11,236 | 0.939 | 0.715 | 1.234 | 0.653 |
| preclampsi | as.factor(job2)1 | 11,236 | 1.062 | 0.797 | 1.415 | 0.683 |
| preclampsi | as.factor(job2)2 | 11,236 | 1.137 | 0.778 | 1.663 | 0.508 |

Tabla 1 Redo with base GAM

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** | **ORIQR** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod | 11,236 | 1.01 | 0.97 | 1.06 | 0.59 | 1.05 |
| preclampsi | pmt1 | 11,236 | 0.98 | 0.95 | 1.01 | 0.14 | 0.87 |
| preclampsi | pmt2 | 11,236 | 1.02 | 0.99 | 1.04 | 0.21 | 1.12 |
| preclampsi | pmt3 | 11,236 | 1.02 | 0.99 | 1.05 | 0.16 | 1.13 |
| preclampsi | pmw20 | 11,236 | 0.99 | 0.96 | 1.02 | 0.42 | 0.93 |
| she | pmperiod | 11,236 | 1.00 | 0.98 | 1.03 | 0.75 | 1.02 |
| she | pmt1 | 11,236 | 1.00 | 0.98 | 1.01 | 0.65 | 0.98 |
| she | pmt2 | 11,236 | 1.01 | 0.99 | 1.02 | 0.47 | 1.04 |
| she | pmt3 | 11,236 | 1.01 | 0.99 | 1.02 | 0.45 | 1.04 |
| she | pmw20 | 11,236 | 1.00 | 0.98 | 1.02 | 0.92 | 0.99 |

Tabla 2 Full PE vs pmt2

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi | (Intercept) | 11,236 | 0.001 | 0.000 | 0.002 | 0.000 |
| preclampsi | pmt2 | 11,236 | 1.017 | 0.991 | 1.043 | 0.211 |
| preclampsi | age2 | 11,236 | 1.035 | 1.011 | 1.059 | 0.004 |
| preclampsi | as.factor(hipertens1)Yes | 11,236 | 1.582 | 0.864 | 2.899 | 0.137 |
| preclampsi | as.factor(diabetes1)Yes | 11,236 | 1.348 | 0.465 | 3.904 | 0.583 |
| preclampsi | bmi\_1 | 11,236 | 1.093 | 1.071 | 1.116 | 0.000 |
| preclampsi | as.factor(dmg)1 | 11,236 | 0.875 | 0.556 | 1.377 | 0.564 |
| preclampsi | as.factor(fuma)Yes | 11,236 | 0.477 | 0.234 | 0.971 | 0.041 |
| preclampsi | as.factor(para2)Yes | 11,236 | 2.829 | 2.067 | 3.871 | 0.000 |
| preclampsi | as.factor(multiple)Yes | 11,236 | 2.339 | 1.322 | 4.138 | 0.004 |
| preclampsi | as.factor(api)Adequate plus | 11,236 | 0.638 | 0.477 | 0.854 | 0.003 |
| preclampsi | as.factor(api)Inadequate | 11,236 | 0.726 | 0.466 | 1.131 | 0.156 |
| preclampsi | as.factor(api)Intermediate | 11,236 | 1.051 | 0.597 | 1.852 | 0.862 |
| preclampsi | as.factor(estudios2)None or primary | 11,236 | 0.742 | 0.524 | 1.050 | 0.092 |
| preclampsi | as.factor(estudios2)Secondary | 11,236 | 0.754 | 0.548 | 1.036 | 0.082 |
| preclampsi | as.factor(estado2)Single parent | 11,236 | 0.939 | 0.715 | 1.234 | 0.653 |
| preclampsi | as.factor(job2)1 | 11,236 | 1.062 | 0.797 | 1.415 | 0.683 |
| preclampsi | as.factor(job2)2 | 11,236 | 1.137 | 0.778 | 1.663 | 0.508 |

## Rehacer GAM (4.2)

### Puedo rehacer lo de MEQ y GAMs.

### Sumé cambios por percentiles. Efecto mayor como 40% PARA 75-98.

Tabla 1 Redo GAM with datagam

| **out** | **var** | **p** | **edf** | **OR5025** | **OR7525** | **OR9025** | **OR9525** | **OR9825** | **OR7550** | **OR9050** | **OR9550** | **OR9850** | **OR9075** | **OR9575** | **OR9875** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod | 0.465 | 2.331 | 0.996 | 0.974 | 1.016 | 1.127 | 1.380 | 0.977 | 1.019 | 1.131 | 1.385 | 1.043 | 1.158 | 1.417 |
| preclampsi | pmt1 | 0.229 | 1.355 | 0.967 | 0.887 | 0.789 | 0.730 | 0.645 | 0.918 | 0.816 | 0.755 | 0.667 | 0.889 | 0.822 | 0.727 |
| preclampsi | pmt2 | 0.054 | 2.969 | 1.036 | 1.058 | 1.050 | 1.144 | 1.508 | 1.021 | 1.013 | 1.104 | 1.456 | 0.992 | 1.082 | 1.426 |
| preclampsi | pmt3 | 0.129 | 1.002 | 1.052 | 1.140 | 1.234 | 1.295 | 1.412 | 1.084 | 1.174 | 1.231 | 1.342 | 1.082 | 1.136 | 1.238 |
| preclampsi | pmw20 | 0.334 | 1.956 | 1.051 | 1.003 | 0.866 | 0.756 | 0.647 | 0.954 | 0.824 | 0.719 | 0.615 | 0.864 | 0.754 | 0.645 |
| she | pmperiod | 0.680 | 1.005 | 1.009 | 1.020 | 1.033 | 1.040 | 1.056 | 1.011 | 1.023 | 1.031 | 1.046 | 1.012 | 1.020 | 1.034 |
| she | pmt1 | 0.677 | 1.024 | 0.991 | 0.977 | 0.963 | 0.954 | 0.940 | 0.985 | 0.971 | 0.963 | 0.949 | 0.985 | 0.977 | 0.963 |
| she | pmt2 | 0.226 | 2.691 | 0.994 | 0.991 | 1.003 | 1.082 | 1.270 | 0.997 | 1.009 | 1.089 | 1.278 | 1.012 | 1.092 | 1.282 |
| she | pmt3 | 0.385 | 1.007 | 1.017 | 1.046 | 1.074 | 1.091 | 1.123 | 1.028 | 1.055 | 1.073 | 1.104 | 1.027 | 1.044 | 1.074 |
| she | pmw20 | 0.955 | 1.004 | 0.998 | 0.996 | 0.993 | 0.992 | 0.989 | 0.998 | 0.995 | 0.994 | 0.991 | 0.998 | 0.996 | 0.993 |

Diagrama

Descripción generada automáticamente

Tabla 2 Full PE vs pmt2

| **out** | **var** | | | | **N** | **OR** | | **ORINF** | | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| pmt2 | (Intercept) | | | | 11,236 | 0.023 | | 0.015 | | 0.036 | 0.000 |
| pmt2 | as.factor(hipertens1)Yes | | | | 11,236 | 1.671 | | 0.914 | | 3.056 | 0.096 |
| pmt2 | as.factor(diabetes1)Yes | | | | 11,236 | 1.376 | | 0.477 | | 3.966 | 0.554 |
| pmt2 | as.factor(dmg)1 | | | | 11,236 | 0.849 | | 0.539 | | 1.337 | 0.480 |
| pmt2 | as.factor(fuma)Yes | | | | 11,236 | 0.486 | | 0.239 | | 0.991 | 0.047 |
| pmt2 | as.factor(para2)Yes | | | | 11,236 | 2.817 | | 2.050 | | 3.871 | 0.000 |
| pmt2 | as.factor(multiple)Yes | | | | 11,236 | 2.352 | | 1.326 | | 4.171 | 0.003 |
| pmt2 | as.factor(api)Adequate plus | | | | 11,236 | 0.640 | | 0.478 | | 0.857 | 0.003 |
| pmt2 | as.factor(api)Inadequate | | | | 11,236 | 0.708 | | 0.453 | | 1.106 | 0.130 |
| pmt2 | as.factor(api)Intermediate | | | | 11,236 | 1.044 | | 0.592 | | 1.840 | 0.882 |
| pmt2 | as.factor(estudios2)None or primary | | | | 11,236 | 0.674 | | 0.466 | | 0.976 | 0.037 |
| pmt2 | as.factor(estudios2)Secondary | | | | 11,236 | 0.706 | | 0.511 | | 0.975 | 0.034 |
| pmt2 | as.factor(estado2)Single parent | | | | 11,236 | 0.928 | | 0.705 | | 1.223 | 0.597 |
| pmt2 | as.factor(job2)1 | | | | 11,236 | 1.070 | | 0.802 | | 1.428 | 0.646 |
| pmt2 | as.factor(job2)2 | | | | 11,236 | 1.072 | | 0.729 | | 1.576 | 0.723 |
| **edf** | | **Ref.df** | **Chi.sq** | **p-value** | | | **var** | |
| 2.968949 | | 3.768549 | 8.626782 | 0.05374168 | | | s(pmt2) | |
| 2.112078 | | 2.695813 | 10.558839 | 0.01414889 | | | s(age2) | |
| 3.022975 | | 3.743827 | 78.315095 | 0.00000000 | | | s(bmi\_1) | |

## Rehacer splines (4.3)

### Puedo rehacer lo de GAM igual a tesis

Tabla 1 Redo Spline with data MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod \_ 95 | 11,236 | 1.168 | 1.002 | 1.361 | 0.048 |
| preclampsi | pmt1 \_ 55 | 11,236 | 0.962 | 0.922 | 1.003 | 0.066 |
| preclampsi | pmt2 \_ 130 | 11,236 | 1.114 | 1.028 | 1.207 | 0.009 |
| preclampsi | pmt3 \_ 60 | 11,236 | 1.022 | 0.984 | 1.061 | 0.256 |
| preclampsi | pmw20 \_ 80 | 11,236 | 0.941 | 0.876 | 1.011 | 0.096 |
| she | pmperiod \_ 100 | 11,236 | 1.071 | 0.949 | 1.209 | 0.265 |
| she | pmt1 \_ 75 | 11,236 | 0.987 | 0.960 | 1.015 | 0.367 |
| she | pmt2 \_ 135 | 11,236 | 1.079 | 1.017 | 1.144 | 0.012 |
| she | pmt3 \_ 75 | 11,236 | 1.005 | 0.978 | 1.032 | 0.739 |
| she | pmw20 \_ 75 | 11,236 | 0.993 | 0.961 | 1.027 | 0.695 |

Gráfico, Gráfico de cajas y bigotes

Descripción generada automáticamente

Tabla 2 Full PE vs pmt2

| **out** | | **var** | | **cov** | | | **N** | | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| preclampsi | | pmt2 \_ 100 | | (Intercept) | | | 11,236 | | 0.022 | 0.014 | 0.035 | 0.000 |
| preclampsi | | pmt2 \_ 100 | | pmt2 | | | 11,236 | | 1.052 | 0.994 | 1.113 | 0.079 |
| preclampsi | | pmt2 \_ 100 | | as.factor(hipertens1)Yes | | | 11,236 | | 1.691 | 0.925 | 3.092 | 0.088 |
| preclampsi | | pmt2 \_ 100 | | as.factor(diabetes1)Yes | | | 11,236 | | 1.362 | 0.473 | 3.924 | 0.567 |
| preclampsi | | pmt2 \_ 100 | | as.factor(dmg)1 | | | 11,236 | | 0.864 | 0.549 | 1.358 | 0.526 |
| preclampsi | | pmt2 \_ 100 | | as.factor(fuma)Yes | | | 11,236 | | 0.484 | 0.238 | 0.987 | 0.046 |
| preclampsi | | pmt2 \_ 100 | | as.factor(para2)Yes | | | 11,236 | | 2.792 | 2.032 | 3.835 | 0.000 |
| preclampsi | | pmt2 \_ 100 | | as.factor(multiple)Yes | | | 11,236 | | 2.345 | 1.323 | 4.159 | 0.004 |
| preclampsi | | pmt2 \_ 100 | | as.factor(api)Adequate plus | | | 11,236 | | 0.642 | 0.479 | 0.859 | 0.003 |
| preclampsi | | pmt2 \_ 100 | | as.factor(api)Inadequate | | | 11,236 | | 0.723 | 0.464 | 1.127 | 0.152 |
| preclampsi | | pmt2 \_ 100 | | as.factor(api)Intermediate | | | 11,236 | | 1.044 | 0.592 | 1.839 | 0.882 |
| preclampsi | | pmt2 \_ 100 | | as.factor(estudios2)None or primary | | | 11,236 | | 0.670 | 0.463 | 0.970 | 0.034 |
| preclampsi | | pmt2 \_ 100 | | as.factor(estudios2)Secondary | | | 11,236 | | 0.702 | 0.508 | 0.969 | 0.031 |
| preclampsi | | pmt2 \_ 100 | | as.factor(estado2)Single parent | | | 11,236 | | 0.933 | 0.709 | 1.228 | 0.621 |
| preclampsi | | pmt2 \_ 100 | | as.factor(job2)1 | | | 11,236 | | 1.075 | 0.806 | 1.434 | 0.622 |
| preclampsi | | pmt2 \_ 100 | | as.factor(job2)2 | | | 11,236 | | 1.072 | 0.730 | 1.576 | 0.722 |
| **edf** | **Ref.df** | | **Chi.sq** | | **p-value** | **var** | |
| 2.103070 | 2.684708 | | 10.28410 | | 0.01555265 | s(age2) | |
| 3.014869 | 3.735093 | | 77.95664 | | 0.00000000 | s(bmi\_1) | |

## Comparar modelos GAM y STATA (4.4): covs y tipo de modelo

### No hay mayor diferencia si se usan distintos covs (gam y no gam) o si se modela edad como gam o no.

Tabla 1 Redo lineal with gam function

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod | 11,236 | 1.013 | 0.966 | 1.062 | 0.586 |
| preclampsi | pmt1 | 11,236 | 0.979 | 0.951 | 1.007 | 0.142 |
| preclampsi | pmt2 | 11,236 | 1.017 | 0.991 | 1.043 | 0.211 |
| preclampsi | pmt3 | 11,236 | 1.019 | 0.993 | 1.047 | 0.159 |
| preclampsi | pmw20 | 11,236 | 0.987 | 0.956 | 1.019 | 0.422 |
| she | pmperiod | 11,236 | 1.004 | 0.977 | 1.032 | 0.752 |
| she | pmt1 | 11,236 | 0.996 | 0.981 | 1.012 | 0.649 |
| she | pmt2 | 11,236 | 1.006 | 0.991 | 1.021 | 0.467 |
| she | pmt3 | 11,236 | 1.006 | 0.990 | 1.022 | 0.451 |
| she | pmw20 | 11,236 | 0.999 | 0.981 | 1.017 | 0.915 |

Tabla 2 Full PE vs pmt2

| **out** | | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| pmt2 | | (Intercept) | 11,236 | 0.001 | 0.000 | 0.002 | 0.000 |
| pmt2 | | pmt2 | 11,236 | 1.002 | 0.999 | 1.004 | 0.211 |
| pmt2 | | age2 | 11,236 | 1.035 | 1.011 | 1.059 | 0.004 |
| pmt2 | | as.factor(hipertens1)Yes | 11,236 | 1.582 | 0.864 | 2.899 | 0.137 |
| pmt2 | | as.factor(diabetes1)Yes | 11,236 | 1.348 | 0.465 | 3.904 | 0.583 |
| pmt2 | | bmi\_1 | 11,236 | 1.093 | 1.071 | 1.116 | 0.000 |
| pmt2 | | as.factor(dmg)1 | 11,236 | 0.875 | 0.556 | 1.377 | 0.564 |
| pmt2 | | as.factor(fuma)Yes | 11,236 | 0.477 | 0.234 | 0.971 | 0.041 |
| pmt2 | | as.factor(para2)Yes | 11,236 | 2.829 | 2.067 | 3.871 | 0.000 |
| pmt2 | | as.factor(multiple)Yes | 11,236 | 2.339 | 1.322 | 4.138 | 0.004 |
| pmt2 | | as.factor(api)Adequate plus | 11,236 | 0.638 | 0.477 | 0.854 | 0.003 |
| pmt2 | | as.factor(api)Inadequate | 11,236 | 0.726 | 0.466 | 1.131 | 0.156 |
| pmt2 | | as.factor(api)Intermediate | 11,236 | 1.051 | 0.597 | 1.852 | 0.862 |
| pmt2 | | as.factor(estudios2)None or primary | 11,236 | 0.742 | 0.524 | 1.050 | 0.092 |
| pmt2 | | as.factor(estudios2)Secondary | 11,236 | 0.754 | 0.548 | 1.036 | 0.082 |
| pmt2 | | as.factor(estado2)Single parent | 11,236 | 0.939 | 0.715 | 1.234 | 0.653 |
| pmt2 | | as.factor(job2)1 | 11,236 | 1.062 | 0.797 | 1.415 | 0.683 |
| pmt2 | | as.factor(job2)2 | 11,236 | 1.137 | 0.778 | 1.663 | 0.508 |
| **var** |

Tabla 3 Redo lineal with gam covs

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod | 11,236 | 1.014 | 0.968 | 1.063 | 0.551 |
| preclampsi | pmt1 | 11,236 | 0.978 | 0.950 | 1.007 | 0.131 |
| preclampsi | pmt2 | 11,236 | 1.017 | 0.991 | 1.044 | 0.189 |
| preclampsi | pmt3 | 11,236 | 1.021 | 0.994 | 1.048 | 0.128 |
| preclampsi | pmw20 | 11,236 | 0.987 | 0.955 | 1.019 | 0.407 |
| she | pmperiod | 11,236 | 1.006 | 0.979 | 1.033 | 0.675 |
| she | pmt1 | 11,236 | 0.996 | 0.981 | 1.012 | 0.651 |
| she | pmt2 | 11,236 | 1.006 | 0.991 | 1.022 | 0.415 |
| she | pmt3 | 11,236 | 1.007 | 0.991 | 1.023 | 0.381 |
| she | pmw20 | 11,236 | 0.999 | 0.981 | 1.017 | 0.935 |

Tabla 4 Full PE vs pmt2

| **out** | **var** | | | | **N** | **OR** | **ORINF** | | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| pmt2 | (Intercept) | | | | 11,236 | 0.021 | 0.013 | | 0.033 | 0.000 |
| pmt2 | pmt2 | | | | 11,236 | 1.002 | 0.999 | | 1.004 | 0.189 |
| pmt2 | as.factor(hipertens1)Yes | | | | 11,236 | 1.675 | 0.916 | | 3.062 | 0.094 |
| pmt2 | as.factor(diabetes1)Yes | | | | 11,236 | 1.362 | 0.473 | | 3.924 | 0.568 |
| pmt2 | as.factor(dmg)1 | | | | 11,236 | 0.867 | 0.551 | | 1.363 | 0.536 |
| pmt2 | as.factor(fuma)Yes | | | | 11,236 | 0.484 | 0.237 | | 0.985 | 0.045 |
| pmt2 | as.factor(para2)Yes | | | | 11,236 | 2.798 | 2.037 | | 3.845 | 0.000 |
| pmt2 | as.factor(multiple)Yes | | | | 11,236 | 2.348 | 1.324 | | 4.165 | 0.004 |
| pmt2 | as.factor(api)Adequate plus | | | | 11,236 | 0.639 | 0.477 | | 0.856 | 0.003 |
| pmt2 | as.factor(api)Inadequate | | | | 11,236 | 0.725 | 0.465 | | 1.129 | 0.155 |
| pmt2 | as.factor(api)Intermediate | | | | 11,236 | 1.041 | 0.591 | | 1.835 | 0.889 |
| pmt2 | as.factor(estudios2)None or primary | | | | 11,236 | 0.671 | 0.464 | | 0.971 | 0.035 |
| pmt2 | as.factor(estudios2)Secondary | | | | 11,236 | 0.702 | 0.509 | | 0.970 | 0.032 |
| pmt2 | as.factor(estado2)Single parent | | | | 11,236 | 0.939 | 0.713 | | 1.235 | 0.651 |
| pmt2 | as.factor(job2)1 | | | | 11,236 | 1.079 | 0.809 | | 1.440 | 0.604 |
| pmt2 | as.factor(job2)2 | | | | 11,236 | 1.071 | 0.729 | | 1.573 | 0.728 |
| **edf** | | **Ref.df** | **Chi.sq** | **p-value** | | **var** | |
| 2.093162 | | 2.671816 | 10.23518 | 0.01572136 | | s(age2) | |
| 3.018501 | | 3.739056 | 78.13385 | 0.00000000 | | s(bmi\_1) | |

Tabla 5 Redo GAM with covslin

| **out** | **var** | **p** | **edf** | **OR5025** | **OR7525** | **OR9025** | **OR9525** | **OR9825** | **OR7550** | **OR9050** | **OR9550** | **OR9850** | **OR9075** | **OR9575** | **OR9875** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| preclampsi | pmperiod | 0.499 | 2.239 | 0.991 | 0.971 | 1.018 | 1.127 | 1.360 | 0.979 | 1.028 | 1.138 | 1.372 | 1.049 | 1.161 | 1.401 |
| preclampsi | pmt1 | 0.250 | 1.398 | 0.972 | 0.895 | 0.794 | 0.732 | 0.645 | 0.921 | 0.817 | 0.754 | 0.664 | 0.887 | 0.818 | 0.721 |
| preclampsi | pmt2 | 0.059 | 2.937 | 1.030 | 1.048 | 1.043 | 1.138 | 1.495 | 1.017 | 1.012 | 1.105 | 1.451 | 0.995 | 1.087 | 1.427 |
| preclampsi | pmt3 | 0.160 | 1.002 | 1.048 | 1.129 | 1.215 | 1.270 | 1.375 | 1.078 | 1.159 | 1.212 | 1.312 | 1.076 | 1.125 | 1.218 |
| preclampsi | pmw20 | 0.345 | 1.944 | 1.051 | 1.006 | 0.871 | 0.763 | 0.653 | 0.957 | 0.829 | 0.726 | 0.621 | 0.866 | 0.758 | 0.649 |
| she | pmperiod | 0.762 | 1.007 | 1.007 | 1.015 | 1.025 | 1.030 | 1.042 | 1.008 | 1.018 | 1.023 | 1.035 | 1.009 | 1.015 | 1.026 |
| she | pmt1 | 0.693 | 1.038 | 0.992 | 0.977 | 0.962 | 0.954 | 0.939 | 0.985 | 0.970 | 0.962 | 0.947 | 0.985 | 0.976 | 0.961 |
| she | pmt2 | 0.243 | 2.651 | 0.990 | 0.985 | 0.998 | 1.075 | 1.255 | 0.995 | 1.007 | 1.085 | 1.268 | 1.013 | 1.091 | 1.274 |
| she | pmt3 | 0.456 | 1.009 | 1.015 | 1.039 | 1.063 | 1.078 | 1.105 | 1.024 | 1.048 | 1.062 | 1.089 | 1.023 | 1.037 | 1.064 |
| she | pmw20 | 0.933 | 1.004 | 0.998 | 0.995 | 0.992 | 0.989 | 0.986 | 0.997 | 0.994 | 0.992 | 0.989 | 0.997 | 0.995 | 0.992 |

Diagrama

Descripción generada automáticamente

Tabla 6 Full PE vs pmt2

| **out** | **var** | | | | **N** | | **OR** | **ORINF** | | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| pmt2 | (Intercept) | | | | 11,236 | | 0.001 | 0.000 | | 0.002 | 0.000 |
| pmt2 | age2 | | | | 11,236 | | 1.035 | 1.012 | | 1.060 | 0.003 |
| pmt2 | as.factor(hipertens1)Yes | | | | 11,236 | | 1.580 | 0.862 | | 2.897 | 0.139 |
| pmt2 | as.factor(diabetes1)Yes | | | | 11,236 | | 1.361 | 0.469 | | 3.947 | 0.570 |
| pmt2 | bmi\_1 | | | | 11,236 | | 1.093 | 1.071 | | 1.116 | 0.000 |
| pmt2 | as.factor(dmg)1 | | | | 11,236 | | 0.857 | 0.544 | | 1.351 | 0.507 |
| pmt2 | as.factor(fuma)Yes | | | | 11,236 | | 0.479 | 0.235 | | 0.977 | 0.043 |
| pmt2 | as.factor(para2)Yes | | | | 11,236 | | 2.847 | 2.080 | | 3.896 | 0.000 |
| pmt2 | as.factor(multiple)Yes | | | | 11,236 | | 2.339 | 1.322 | | 4.137 | 0.004 |
| pmt2 | as.factor(api)Adequate plus | | | | 11,236 | | 0.639 | 0.477 | | 0.855 | 0.003 |
| pmt2 | as.factor(api)Inadequate | | | | 11,236 | | 0.709 | 0.454 | | 1.107 | 0.131 |
| pmt2 | as.factor(api)Intermediate | | | | 11,236 | | 1.054 | 0.599 | | 1.857 | 0.855 |
| pmt2 | as.factor(estudios2)None or primary | | | | 11,236 | | 0.747 | 0.528 | | 1.057 | 0.100 |
| pmt2 | as.factor(estudios2)Secondary | | | | 11,236 | | 0.758 | 0.552 | | 1.043 | 0.088 |
| pmt2 | as.factor(estado2)Single parent | | | | 11,236 | | 0.930 | 0.707 | | 1.222 | 0.602 |
| pmt2 | as.factor(job2)1 | | | | 11,236 | | 1.053 | 0.790 | | 1.404 | 0.724 |
| pmt2 | as.factor(job2)2 | | | | 11,236 | | 1.140 | 0.779 | | 1.667 | 0.500 |
| **edf** | | **Ref.df** | **Chi.sq** | **p-value** | | **var** | | |
| 2.93698 | | 3.730063 | 8.347669 | 0.05854269 | | s(pmt2) | | |

# Rehacer TESIS ANGELES

## Rehacer multivariado A

### Puedo rehacer multivariado A de MAG

Tabla 1 Redo ANGELES PRECLAMPSIA A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** | **ORIQR** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmcsdRIC | 9,879 | 1.11 | 0.81 | 1.52 | 0.50 | 1.11 |
| preclampsi2 | t1\_pmcsRIC | 9,879 | 1.47 | 0.72 | 2.99 | 0.29 | 1.47 |
| preclampsi2 | t2\_pmcsRIC | 9,879 | 1.39 | 0.77 | 2.53 | 0.28 | 1.40 |
| preclampsi2 | t3\_pmcsRIC | 9,867 | 0.77 | 0.43 | 1.36 | 0.36 | 0.77 |
| preclampsi2 | w20\_pmcsdRIC | 9,879 | 1.74 | 0.91 | 3.34 | 0.10 | 1.74 |
| preclampsi2 | total\_pmpredRIC | 9,879 | 1.15 | 0.90 | 1.46 | 0.26 | 1.15 |
| preclampsi2 | t1\_pmpredRIC | 9,879 | 1.24 | 0.75 | 2.06 | 0.41 | 1.24 |
| preclampsi2 | t2\_pmpredRIC | 9,879 | 1.44 | 0.92 | 2.26 | 0.11 | 1.44 |
| preclampsi2 | t3\_pmpredRIC | 9,867 | 0.96 | 0.62 | 1.47 | 0.84 | 0.96 |
| preclampsi2 | w20\_pmpredRIC | 9,879 | 1.44 | 0.91 | 2.26 | 0.12 | 1.44 |
| preclampsi2 | total\_levopredRIC | 9,879 | 1.20 | 0.98 | 1.46 | 0.08 | 1.20 |
| preclampsi2 | t1\_levopredRIC | 9,879 | 1.41 | 1.06 | 1.88 | 0.02 | 1.41 |
| preclampsi2 | t2\_levopredRIC | 9,879 | 1.23 | 0.95 | 1.61 | 0.12 | 1.24 |
| preclampsi2 | t3\_levopredRIC | 9,867 | 0.93 | 0.71 | 1.21 | 0.60 | 0.93 |
| preclampsi2 | w20\_levopredRIC | 9,879 | 1.49 | 1.11 | 2.00 | 0.01 | 1.51 |
| preclampsi2 | total\_KpredRIC | 9,879 | 1.15 | 0.90 | 1.46 | 0.25 | 1.14 |
| preclampsi2 | t1\_KpredRIC | 9,879 | 1.22 | 0.75 | 1.99 | 0.42 | 1.23 |
| preclampsi2 | t2\_KpredRIC | 9,879 | 1.44 | 0.94 | 2.21 | 0.09 | 1.46 |
| preclampsi2 | t3\_KpredRIC | 9,867 | 0.97 | 0.62 | 1.51 | 0.88 | 0.97 |
| preclampsi2 | w20\_KpredRIC | 9,879 | 1.41 | 0.93 | 2.16 | 0.11 | 1.44 |

Tabla 2 Full PE vs t2

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | (Intercept) | 9,879 | 0.000 | 0.000 | 0.001 | 0.000 |
| preclampsi2 | t2\_pmpredRIC | 9,879 | 1.443 | 0.920 | 2.262 | 0.110 |
| preclampsi2 | age2 | 9,879 | 1.034 | 1.009 | 1.058 | 0.006 |
| preclampsi2 | as.factor(hipertens1)Yes | 9,879 | 1.569 | 0.832 | 2.959 | 0.164 |
| preclampsi2 | as.factor(diabetes1)Yes | 9,879 | 0.758 | 0.178 | 3.233 | 0.708 |
| preclampsi2 | bmi\_1 | 9,879 | 1.099 | 1.075 | 1.123 | 0.000 |
| preclampsi2 | as.factor(fuma)3 | 9,879 | 0.508 | 0.249 | 1.039 | 0.064 |
| preclampsi2 | as.factor(para2)Yes | 9,879 | 2.856 | 2.062 | 3.956 | 0.000 |
| preclampsi2 | as.factor(multiple)Yes | 9,879 | 2.493 | 1.366 | 4.550 | 0.003 |
| preclampsi2 | as.factor(api)3 | 9,879 | 1.603 | 1.173 | 2.192 | 0.003 |
| preclampsi2 | as.factor(api)4 | 9,879 | 1.251 | 0.835 | 1.874 | 0.277 |
| preclampsi2 | as.factor(api)5 | 9,879 | 1.745 | 1.001 | 3.043 | 0.050 |
| preclampsi2 | as.factor(estudios2)3 | 9,879 | 1.431 | 0.994 | 2.060 | 0.054 |
| preclampsi2 | as.factor(estudios2)4 | 9,879 | 1.059 | 0.775 | 1.447 | 0.718 |
| preclampsi2 | as.factor(job)3 | 9,879 | 0.942 | 0.705 | 1.259 | 0.687 |
| preclampsi2 | as.factor(month\_concep)2 | 9,879 | 0.684 | 0.376 | 1.245 | 0.214 |
| preclampsi2 | as.factor(month\_concep)3 | 9,879 | 0.982 | 0.577 | 1.672 | 0.947 |
| preclampsi2 | as.factor(month\_concep)4 | 9,879 | 0.601 | 0.310 | 1.167 | 0.132 |
| preclampsi2 | as.factor(month\_concep)5 | 9,879 | 1.011 | 0.541 | 1.887 | 0.973 |
| preclampsi2 | as.factor(month\_concep)6 | 9,879 | 0.689 | 0.312 | 1.522 | 0.357 |
| preclampsi2 | as.factor(month\_concep)7 | 9,879 | 1.286 | 0.600 | 2.754 | 0.518 |
| preclampsi2 | as.factor(month\_concep)8 | 9,879 | 1.480 | 0.672 | 3.259 | 0.330 |
| preclampsi2 | as.factor(month\_concep)9 | 9,879 | 1.654 | 0.755 | 3.625 | 0.209 |
| preclampsi2 | as.factor(month\_concep)10 | 9,879 | 0.975 | 0.427 | 2.226 | 0.951 |
| preclampsi2 | as.factor(month\_concep)11 | 9,879 | 1.359 | 0.663 | 2.786 | 0.403 |
| preclampsi2 | as.factor(month\_concep)12 | 9,879 | 1.335 | 0.766 | 2.327 | 0.308 |
| preclampsi2 | as.factor(nse2)3 | 9,879 | 1.152 | 0.723 | 1.835 | 0.552 |
| preclampsi2 | as.factor(nse2)4 | 9,879 | 1.197 | 0.789 | 1.817 | 0.398 |
| preclampsi2 | as.factor(nse2)5 | 9,879 | 1.220 | 0.747 | 1.992 | 0.427 |

Tabla 3 Redo ANGELES SHE A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** | **ORIQR** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmcsdRIC | 10,203 | 0.97 | 0.85 | 1.10 | 0.61 | 0.97 |
| she2 | t1\_pmcsRIC | 10,203 | 0.91 | 0.80 | 1.04 | 0.19 | 0.91 |
| she2 | t2\_pmcsRIC | 10,203 | 1.00 | 0.89 | 1.14 | 0.96 | 1.00 |
| she2 | t3\_pmcsRIC | 10,187 | 1.03 | 0.91 | 1.17 | 0.63 | 1.03 |
| she2 | w20\_pmcsdRIC | 10,203 | 0.94 | 0.83 | 1.07 | 0.35 | 0.94 |
| she2 | total\_pmpredRIC | 10,203 | 0.94 | 0.84 | 1.06 | 0.33 | 0.94 |
| she2 | t1\_pmpredRIC | 10,203 | 0.91 | 0.81 | 1.03 | 0.14 | 0.91 |
| she2 | t2\_pmpredRIC | 10,203 | 0.99 | 0.88 | 1.11 | 0.84 | 0.99 |
| she2 | t3\_pmpredRIC | 10,187 | 1.01 | 0.90 | 1.14 | 0.87 | 1.01 |
| she2 | w20\_pmpredRIC | 10,203 | 0.93 | 0.83 | 1.05 | 0.24 | 0.93 |
| she2 | total\_levopredRIC | 10,203 | 1.02 | 0.92 | 1.14 | 0.67 | 1.02 |
| she2 | t1\_levopredRIC | 10,203 | 0.97 | 0.88 | 1.07 | 0.55 | 0.97 |
| she2 | t2\_levopredRIC | 10,203 | 1.03 | 0.94 | 1.13 | 0.51 | 1.03 |
| she2 | t3\_levopredRIC | 10,187 | 1.01 | 0.92 | 1.11 | 0.83 | 1.01 |
| she2 | w20\_levopredRIC | 10,203 | 1.00 | 0.90 | 1.11 | 0.96 | 1.00 |
| she2 | total\_KpredRIC | 10,203 | 0.95 | 0.84 | 1.06 | 0.36 | 0.95 |
| she2 | t1\_KpredRIC | 10,203 | 0.91 | 0.80 | 1.02 | 0.11 | 0.90 |
| she2 | t2\_KpredRIC | 10,203 | 0.99 | 0.88 | 1.11 | 0.86 | 0.99 |
| she2 | t3\_KpredRIC | 10,187 | 1.02 | 0.90 | 1.15 | 0.79 | 1.02 |
| she2 | w20\_KpredRIC | 10,203 | 0.93 | 0.83 | 1.04 | 0.21 | 0.93 |

Tabla 4 Full SHE vs t2

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | (Intercept) | 10,203 | 0.002 | 0.001 | 0.004 | 0.000 |
| she2 | t2\_pmpredRIC | 10,203 | 0.988 | 0.875 | 1.115 | 0.841 |
| she2 | age2 | 10,203 | 1.028 | 1.014 | 1.042 | 0.000 |
| she2 | as.factor(hipertens1)Yes | 10,203 | 1.597 | 1.072 | 2.379 | 0.021 |
| she2 | as.factor(diabetes1)Yes | 10,203 | 1.436 | 0.697 | 2.961 | 0.327 |
| she2 | bmi\_1 | 10,203 | 1.106 | 1.092 | 1.121 | 0.000 |
| she2 | as.factor(dmg)2 | 10,203 | 1.096 | 0.834 | 1.440 | 0.511 |
| she2 | as.factor(para2)Yes | 10,203 | 2.447 | 2.037 | 2.939 | 0.000 |
| she2 | as.factor(multiple)Yes | 10,203 | 1.551 | 0.995 | 2.416 | 0.052 |
| she2 | as.factor(estudios2)3 | 10,203 | 1.247 | 1.006 | 1.547 | 0.044 |
| she2 | as.factor(estudios2)4 | 10,203 | 1.126 | 0.948 | 1.337 | 0.176 |
| she2 | as.factor(job)3 | 10,203 | 0.948 | 0.804 | 1.119 | 0.529 |
| she2 | as.factor(nse2)3 | 10,203 | 1.007 | 0.780 | 1.300 | 0.958 |
| she2 | as.factor(nse2)4 | 10,203 | 1.034 | 0.825 | 1.296 | 0.772 |
| she2 | as.factor(nse2)5 | 10,203 | 1.054 | 0.806 | 1.379 | 0.700 |
| she2 | as.factor(year\_concep)2010 | 10,203 | 0.668 | 0.525 | 0.849 | 0.001 |
| she2 | as.factor(year\_concep)2011 | 10,203 | 0.714 | 0.563 | 0.906 | 0.006 |
| she2 | as.factor(year\_concep)2012 | 10,203 | 0.564 | 0.438 | 0.728 | 0.000 |
| she2 | as.factor(year\_concep)2013 | 10,203 | 0.568 | 0.439 | 0.735 | 0.000 |
| she2 | as.factor(year\_concep)2014 | 10,203 | 0.741 | 0.583 | 0.943 | 0.015 |
| she2 | as.factor(year\_concep)2015 | 10,203 | 0.614 | 0.411 | 0.916 | 0.017 |

# Comparar MEQ con base ANGELES

## Redo

# Comparar MEQ y ANGELES según age/bmi gam.

# Comparar MEQ y ANGELES same by 10 ug

# Comparar MEQ y ANGELES pmvars/covs (5.4).

* **PM ANG vs MEQ,** data ang, covs MEQ (Tabla 1)
  + PE: PM MEQ slightly better ANG
  + PE: ANG CS slightly better ANG SP
  + SHE: PM MEQ slightly better ANG
  + SHE: ANG CS slightly better ANG SP
* **PM ANG vs MEQ,** data ang, covs ANG A (Tabla 2)
  + PE: PM ANG better MEQ
  + PE: ANG CS slightly better ANG SP
  + SHE: PMs similar
  + SHE: ANG CS slightly better ANG SP
* **PM ANG vs MEQ,** data ang, covs ANG B (tabla 3)
  + PE: PM ANG better MEQ (MEQ better)
  + PE: ANG CS slightly better ANG SP
  + SHE: PMs similar, MEQ slightly better.
  + SHE: ANG CS slightly better ANG SP
* **Covs ANG vs MEQ,** data ang, pm meq (Tabla 4)
  + Better performance covs angB>A
* **Covs ANG vs MEQ,** data ang, pm ang (Tabla 5)
  + Better performance covs angB>A

Tabla

Descripción generada automáticamente

Tabla 1 PE DATA ANG pmvar MEQ covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | pmperiod | 11,265 | 1.01 | 0.96 | 1.06 | 0.68 |
| preclampsi2 | pmt1 | 11,265 | 0.98 | 0.95 | 1.01 | 0.13 |
| preclampsi2 | pmt2 | 11,265 | 1.02 | 0.99 | 1.04 | 0.25 |
| preclampsi2 | pmt3 | 11,237 | 1.02 | 0.99 | 1.05 | 0.16 |
| preclampsi2 | pmw20 | 11,265 | 0.99 | 0.95 | 1.02 | 0.38 |

Tabla 1 PE DATA ANG pmvar ANG covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmpred | 11,577 | 1.01 | 0.96 | 1.07 | 0.64 |
| preclampsi2 | t1\_pmpred | 11,577 | 0.97 | 0.95 | 1.00 | 0.03 |
| preclampsi2 | t2\_pmpred | 11,577 | 1.01 | 0.99 | 1.04 | 0.41 |
| preclampsi2 | t3\_pmpred | 11,563 | 1.02 | 1.00 | 1.05 | 0.09 |
| preclampsi2 | w20\_pmpred | 11,577 | 0.98 | 0.95 | 1.01 | 0.16 |
| preclampsi2 | total\_pmcs | 11,594 | 1.03 | 0.92 | 1.15 | 0.59 |
| preclampsi2 | t1\_pmcs | 11,594 | 0.95 | 0.91 | 1.00 | 0.03 |
| preclampsi2 | t2\_pmcs | 11,594 | 1.02 | 0.98 | 1.06 | 0.41 |
| preclampsi2 | t3\_pmcs | 11,580 | 1.04 | 1.00 | 1.09 | 0.08 |
| preclampsi2 | w20\_pmcs | 11,594 | 0.96 | 0.92 | 1.01 | 0.15 |

Tabla 1 SHE DATA ANG pmvar MEQ covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | pmperiod | 11,264 | 1.00 | 0.98 | 1.03 | 0.82 |
| she2 | pmt1 | 11,264 | 1.00 | 0.98 | 1.01 | 0.57 |
| she2 | pmt2 | 11,264 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmt3 | 11,236 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmw20 | 11,264 | 1.00 | 0.98 | 1.02 | 0.85 |

Tabla 1 SHE DATA ANG pmvar ANG covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmpred | 11,576 | 0.99 | 0.96 | 1.02 | 0.54 |
| she2 | t1\_pmpred | 11,576 | 0.99 | 0.98 | 1.01 | 0.20 |
| she2 | t2\_pmpred | 11,576 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | t3\_pmpred | 11,562 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | w20\_pmpred | 11,576 | 0.99 | 0.97 | 1.01 | 0.39 |
| she2 | total\_pmcs | 11,593 | 0.99 | 0.93 | 1.06 | 0.80 |
| she2 | t1\_pmcs | 11,593 | 0.99 | 0.96 | 1.01 | 0.26 |
| she2 | t2\_pmcs | 11,593 | 1.01 | 0.98 | 1.03 | 0.66 |
| she2 | t3\_pmcs | 11,579 | 1.01 | 0.98 | 1.03 | 0.68 |
| she2 | w20\_pmcs | 11,593 | 0.99 | 0.96 | 1.02 | 0.52 |

Tabla 2 PE DATA ANG pmvar MEQ covs ANG-A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | pmperiod | 9,776 | 1.02 | 0.97 | 1.08 | 0.43 |
| preclampsi2 | pmt1 | 9,776 | 1.02 | 0.97 | 1.08 | 0.41 |
| preclampsi2 | pmt2 | 9,776 | 1.02 | 0.98 | 1.07 | 0.29 |
| preclampsi2 | pmt3 | 9,754 | 1.00 | 0.95 | 1.04 | 0.86 |
| preclampsi2 | pmw20 | 9,776 | 1.02 | 0.97 | 1.08 | 0.44 |

Tabla 2 PE DATA ANG pmvar ANG covs ANG-A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmpred | 9,879 | 1.05 | 0.97 | 1.14 | 0.26 |
| preclampsi2 | t1\_pmpred | 9,879 | 1.03 | 0.96 | 1.10 | 0.41 |
| preclampsi2 | t2\_pmpred | 9,879 | 1.05 | 0.99 | 1.11 | 0.11 |
| preclampsi2 | t3\_pmpred | 9,867 | 0.99 | 0.93 | 1.06 | 0.84 |
| preclampsi2 | w20\_pmpred | 9,879 | 1.06 | 0.99 | 1.14 | 0.12 |
| preclampsi2 | total\_pmcs | 9,879 | 1.07 | 0.88 | 1.28 | 0.50 |
| preclampsi2 | t1\_pmcs | 9,879 | 1.08 | 0.94 | 1.24 | 0.29 |
| preclampsi2 | t2\_pmcs | 9,879 | 1.07 | 0.95 | 1.21 | 0.28 |
| preclampsi2 | t3\_pmcs | 9,867 | 0.94 | 0.84 | 1.07 | 0.36 |
| preclampsi2 | w20\_pmcs | 9,879 | 1.15 | 0.98 | 1.34 | 0.10 |

Tabla 2 SHE DATA ANG pmvar MEQ covs ANG-A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | pmperiod | 10,098 | 1.00 | 0.97 | 1.03 | 0.95 |
| she2 | pmt1 | 10,098 | 0.99 | 0.97 | 1.01 | 0.31 |
| she2 | pmt2 | 10,098 | 1.01 | 0.99 | 1.02 | 0.47 |
| she2 | pmt3 | 10,070 | 1.01 | 0.99 | 1.03 | 0.33 |
| she2 | pmw20 | 10,098 | 0.99 | 0.97 | 1.01 | 0.53 |

Tabla 2 SHE DATA ANG pmvar ANG covs ANG-A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmpred | 10,203 | 0.98 | 0.94 | 1.02 | 0.33 |
| she2 | t1\_pmpred | 10,203 | 0.99 | 0.97 | 1.00 | 0.14 |
| she2 | t2\_pmpred | 10,203 | 1.00 | 0.98 | 1.01 | 0.84 |
| she2 | t3\_pmpred | 10,187 | 1.00 | 0.98 | 1.02 | 0.87 |
| she2 | w20\_pmpred | 10,203 | 0.99 | 0.97 | 1.01 | 0.24 |
| she2 | total\_pmcs | 10,203 | 0.98 | 0.91 | 1.06 | 0.61 |
| she2 | t1\_pmcs | 10,203 | 0.98 | 0.96 | 1.01 | 0.19 |
| she2 | t2\_pmcs | 10,203 | 1.00 | 0.98 | 1.03 | 0.96 |
| she2 | t3\_pmcs | 10,187 | 1.01 | 0.98 | 1.03 | 0.63 |
| she2 | w20\_pmcs | 10,203 | 0.98 | 0.95 | 1.02 | 0.35 |

Tabla 3 PE DATA ANG pmvar MEQ covs ANG-B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | pmperiod | 9,776 | 1.09 | 0.99 | 1.19 | 0.08 |
| preclampsi2 | pmt1 | 9,776 | 1.05 | 0.99 | 1.12 | 0.13 |
| preclampsi2 | pmt2 | 9,776 | 1.08 | 1.02 | 1.14 | 0.01 |
| preclampsi2 | pmt3 | 9,754 | 0.99 | 0.93 | 1.06 | 0.86 |
| preclampsi2 | pmw20 | 9,776 | 1.07 | 1.00 | 1.15 | 0.06 |

Tabla 3 PE DATA ANG pmvar ANG covs ANG-B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmpred | 9,879 | 1.18 | 1.04 | 1.34 | 0.01 |
| preclampsi2 | t1\_pmpred | 9,879 | 1.04 | 0.96 | 1.12 | 0.38 |
| preclampsi2 | t2\_pmpred | 9,879 | 1.10 | 1.02 | 1.18 | 0.01 |
| preclampsi2 | t3\_pmpred | 9,867 | 1.01 | 0.94 | 1.09 | 0.75 |
| preclampsi2 | w20\_pmpred | 9,879 | 1.10 | 1.01 | 1.20 | 0.03 |
| preclampsi2 | total\_pmcs | 9,879 | 1.27 | 0.98 | 1.66 | 0.07 |
| preclampsi2 | t1\_pmcs | 9,879 | 1.08 | 0.92 | 1.27 | 0.33 |
| preclampsi2 | t2\_pmcs | 9,879 | 1.15 | 1.00 | 1.32 | 0.05 |
| preclampsi2 | t3\_pmcs | 9,867 | 0.96 | 0.83 | 1.10 | 0.53 |
| preclampsi2 | w20\_pmcs | 9,879 | 1.20 | 1.01 | 1.44 | 0.04 |

Tabla 3 SHE DATA ANG pmvar MEQ covs ANG-B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | pmperiod | 10,098 | 1.05 | 1.00 | 1.10 | 0.05 |
| she2 | pmt1 | 10,098 | 1.01 | 0.98 | 1.04 | 0.61 |
| she2 | pmt2 | 10,098 | 1.03 | 1.01 | 1.06 | 0.02 |
| she2 | pmt3 | 10,070 | 1.01 | 0.99 | 1.05 | 0.32 |
| she2 | pmw20 | 10,098 | 1.02 | 0.99 | 1.06 | 0.23 |

Tabla 3 SHE DATA ANG pmvar ANG covs ANG-B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmpred | 10,203 | 1.05 | 0.99 | 1.12 | 0.13 |
| she2 | t1\_pmpred | 10,203 | 0.99 | 0.96 | 1.02 | 0.58 |
| she2 | t2\_pmpred | 10,203 | 1.02 | 1.00 | 1.05 | 0.11 |
| she2 | t3\_pmpred | 10,187 | 1.02 | 0.99 | 1.05 | 0.25 |
| she2 | w20\_pmpred | 10,203 | 1.01 | 0.97 | 1.04 | 0.76 |
| she2 | total\_pmcs | 10,203 | 1.11 | 0.98 | 1.27 | 0.10 |
| she2 | t1\_pmcs | 10,203 | 0.99 | 0.94 | 1.03 | 0.58 |
| she2 | t2\_pmcs | 10,203 | 1.04 | 0.99 | 1.09 | 0.09 |
| she2 | t3\_pmcs | 10,187 | 1.02 | 0.98 | 1.07 | 0.33 |
| she2 | w20\_pmcs | 10,203 | 1.01 | 0.96 | 1.07 | 0.71 |

Tabla 4 PE DATA ANG pmvar MEQ covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | pmperiod | 11,265 | 1.01 | 0.96 | 1.06 | 0.68 |
| preclampsi2 | pmt1 | 11,265 | 0.98 | 0.95 | 1.01 | 0.13 |
| preclampsi2 | pmt2 | 11,265 | 1.02 | 0.99 | 1.04 | 0.25 |
| preclampsi2 | pmt3 | 11,237 | 1.02 | 0.99 | 1.05 | 0.16 |
| preclampsi2 | pmw20 | 11,265 | 0.99 | 0.95 | 1.02 | 0.38 |

Tabla 4 PE DATA ANG pmvar MEQ covs ANG A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | pmperiod | 9,776 | 1.02 | 0.97 | 1.08 | 0.43 |
| preclampsi2 | pmt1 | 9,776 | 1.02 | 0.97 | 1.08 | 0.41 |
| preclampsi2 | pmt2 | 9,776 | 1.02 | 0.98 | 1.07 | 0.29 |
| preclampsi2 | pmt3 | 9,754 | 1.00 | 0.95 | 1.04 | 0.86 |
| preclampsi2 | pmw20 | 9,776 | 1.02 | 0.97 | 1.08 | 0.44 |

Tabla 4 PE DATA ANG pmvar MEQ covs ANG B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | pmperiod | 9,776 | 1.09 | 0.99 | 1.19 | 0.08 |
| preclampsi2 | pmt1 | 9,776 | 1.05 | 0.99 | 1.12 | 0.13 |
| preclampsi2 | pmt2 | 9,776 | 1.08 | 1.02 | 1.14 | 0.01 |
| preclampsi2 | pmt3 | 9,754 | 0.99 | 0.93 | 1.06 | 0.86 |
| preclampsi2 | pmw20 | 9,776 | 1.07 | 1.00 | 1.15 | 0.06 |

Tabla 4 SHE DATA ANG pmvar MEQ covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | pmperiod | 11,264 | 1.00 | 0.98 | 1.03 | 0.82 |
| she2 | pmt1 | 11,264 | 1.00 | 0.98 | 1.01 | 0.57 |
| she2 | pmt2 | 11,264 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmt3 | 11,236 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmw20 | 11,264 | 1.00 | 0.98 | 1.02 | 0.85 |

Tabla 4 SHE DATA ANG pmvar MEQ covs ANG A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | pmperiod | 11,264 | 1.00 | 0.98 | 1.03 | 0.82 |
| she2 | pmt1 | 11,264 | 1.00 | 0.98 | 1.01 | 0.57 |
| she2 | pmt2 | 11,264 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmt3 | 11,236 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmw20 | 11,264 | 1.00 | 0.98 | 1.02 | 0.85 |

Tabla 4 SHE DATA ANG pmvar MEQ covs ANG B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | pmperiod | 11,264 | 1.00 | 0.98 | 1.03 | 0.82 |
| she2 | pmt1 | 11,264 | 1.00 | 0.98 | 1.01 | 0.57 |
| she2 | pmt2 | 11,264 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmt3 | 11,236 | 1.01 | 0.99 | 1.02 | 0.45 |
| she2 | pmw20 | 11,264 | 1.00 | 0.98 | 1.02 | 0.85 |

Tabla 5 PE DATA ANG pmvar ANG covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmpred | 11,577 | 1.01 | 0.96 | 1.07 | 0.64 |
| preclampsi2 | t1\_pmpred | 11,577 | 0.97 | 0.95 | 1.00 | 0.03 |
| preclampsi2 | t2\_pmpred | 11,577 | 1.01 | 0.99 | 1.04 | 0.41 |
| preclampsi2 | t3\_pmpred | 11,563 | 1.02 | 1.00 | 1.05 | 0.09 |
| preclampsi2 | w20\_pmpred | 11,577 | 0.98 | 0.95 | 1.01 | 0.16 |
| preclampsi2 | total\_pmcs | 11,594 | 1.03 | 0.92 | 1.15 | 0.59 |
| preclampsi2 | t1\_pmcs | 11,594 | 0.95 | 0.91 | 1.00 | 0.03 |
| preclampsi2 | t2\_pmcs | 11,594 | 1.02 | 0.98 | 1.06 | 0.41 |
| preclampsi2 | t3\_pmcs | 11,580 | 1.04 | 1.00 | 1.09 | 0.08 |
| preclampsi2 | w20\_pmcs | 11,594 | 0.96 | 0.92 | 1.01 | 0.15 |

Tabla 5 PE DATA ANG pmvar ANG covs ANG A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmpred | 9,879 | 1.05 | 0.97 | 1.14 | 0.26 |
| preclampsi2 | t1\_pmpred | 9,879 | 1.03 | 0.96 | 1.10 | 0.41 |
| preclampsi2 | t2\_pmpred | 9,879 | 1.05 | 0.99 | 1.11 | 0.11 |
| preclampsi2 | t3\_pmpred | 9,867 | 0.99 | 0.93 | 1.06 | 0.84 |
| preclampsi2 | w20\_pmpred | 9,879 | 1.06 | 0.99 | 1.14 | 0.12 |
| preclampsi2 | total\_pmcs | 9,879 | 1.07 | 0.88 | 1.28 | 0.50 |
| preclampsi2 | t1\_pmcs | 9,879 | 1.08 | 0.94 | 1.24 | 0.29 |
| preclampsi2 | t2\_pmcs | 9,879 | 1.07 | 0.95 | 1.21 | 0.28 |
| preclampsi2 | t3\_pmcs | 9,867 | 0.94 | 0.84 | 1.07 | 0.36 |
| preclampsi2 | w20\_pmcs | 9,879 | 1.15 | 0.98 | 1.34 | 0.10 |

Tabla 5 PE DATA ANG pmvar ANG covs ANG B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| preclampsi2 | total\_pmpred | 9,879 | 1.18 | 1.04 | 1.34 | 0.01 |
| preclampsi2 | t1\_pmpred | 9,879 | 1.04 | 0.96 | 1.12 | 0.38 |
| preclampsi2 | t2\_pmpred | 9,879 | 1.10 | 1.02 | 1.18 | 0.01 |
| preclampsi2 | t3\_pmpred | 9,867 | 1.01 | 0.94 | 1.09 | 0.75 |
| preclampsi2 | w20\_pmpred | 9,879 | 1.10 | 1.01 | 1.20 | 0.03 |
| preclampsi2 | total\_pmcs | 9,879 | 1.27 | 0.98 | 1.66 | 0.07 |
| preclampsi2 | t1\_pmcs | 9,879 | 1.08 | 0.92 | 1.27 | 0.33 |
| preclampsi2 | t2\_pmcs | 9,879 | 1.15 | 1.00 | 1.32 | 0.05 |
| preclampsi2 | t3\_pmcs | 9,867 | 0.96 | 0.83 | 1.10 | 0.53 |
| preclampsi2 | w20\_pmcs | 9,879 | 1.20 | 1.01 | 1.44 | 0.04 |

Tabla 5 SHE DATA ANG pmvar ANG covs MEQ

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmpred | 11,576 | 0.99 | 0.96 | 1.02 | 0.54 |
| she2 | t1\_pmpred | 11,576 | 0.99 | 0.98 | 1.01 | 0.20 |
| she2 | t2\_pmpred | 11,576 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | t3\_pmpred | 11,562 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | w20\_pmpred | 11,576 | 0.99 | 0.97 | 1.01 | 0.39 |
| she2 | total\_pmcs | 11,593 | 0.99 | 0.93 | 1.06 | 0.80 |
| she2 | t1\_pmcs | 11,593 | 0.99 | 0.96 | 1.01 | 0.26 |
| she2 | t2\_pmcs | 11,593 | 1.01 | 0.98 | 1.03 | 0.66 |
| she2 | t3\_pmcs | 11,579 | 1.01 | 0.98 | 1.03 | 0.68 |
| she2 | w20\_pmcs | 11,593 | 0.99 | 0.96 | 1.02 | 0.52 |

Tabla 5 SHE DATA ANG pmvar ANG covs ANG A

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmpred | 11,576 | 0.99 | 0.96 | 1.02 | 0.54 |
| she2 | t1\_pmpred | 11,576 | 0.99 | 0.98 | 1.01 | 0.20 |
| she2 | t2\_pmpred | 11,576 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | t3\_pmpred | 11,562 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | w20\_pmpred | 11,576 | 0.99 | 0.97 | 1.01 | 0.39 |
| she2 | total\_pmcs | 11,593 | 0.99 | 0.93 | 1.06 | 0.80 |
| she2 | t1\_pmcs | 11,593 | 0.99 | 0.96 | 1.01 | 0.26 |
| she2 | t2\_pmcs | 11,593 | 1.01 | 0.98 | 1.03 | 0.66 |
| she2 | t3\_pmcs | 11,579 | 1.01 | 0.98 | 1.03 | 0.68 |
| she2 | w20\_pmcs | 11,593 | 0.99 | 0.96 | 1.02 | 0.52 |

Tabla 5 SHE DATA ANG pmvar ANG covs ANG B

| **out** | **var** | **N** | **OR** | **ORINF** | **ORSUP** | **p** |
| --- | --- | --- | --- | --- | --- | --- |
| she2 | total\_pmpred | 11,576 | 0.99 | 0.96 | 1.02 | 0.54 |
| she2 | t1\_pmpred | 11,576 | 0.99 | 0.98 | 1.01 | 0.20 |
| she2 | t2\_pmpred | 11,576 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | t3\_pmpred | 11,562 | 1.00 | 0.99 | 1.02 | 0.83 |
| she2 | w20\_pmpred | 11,576 | 0.99 | 0.97 | 1.01 | 0.39 |
| she2 | total\_pmcs | 11,593 | 0.99 | 0.93 | 1.06 | 0.80 |
| she2 | t1\_pmcs | 11,593 | 0.99 | 0.96 | 1.01 | 0.26 |
| she2 | t2\_pmcs | 11,593 | 1.01 | 0.98 | 1.03 | 0.66 |
| she2 | t3\_pmcs | 11,579 | 1.01 | 0.98 | 1.03 | 0.68 |
| she2 | w20\_pmcs | 11,593 | 0.99 | 0.96 | 1.02 | 0.52 |