```
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-41.458 -13.386  -1.073  13.832  55.542

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    896.402      2.055 436.167   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   43.068     23.161   1.860   0.0653 .
poly(TMP_MEAN_RND1, reg_poly)2   35.941     23.161   1.552   0.1233
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 23.16 on 124 degrees of freedom
Multiple R-squared:  0.04517,   Adjusted R-squared:  0.02977
F-statistic: 2.933 on 2 and 124 DF,  p-value: 0.05694

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-29.521 -14.504  -0.964  14.725  37.522

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    885.281      2.179 406.309   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   22.288     17.431   1.279   0.2059
poly(TMP_MEAN_RND1, reg_poly)2   30.243     17.431   1.735   0.0878 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 17.43 on 61 degrees of freedom
Multiple R-squared:  0.07076,   Adjusted R-squared:  0.0403
F-statistic: 2.323 on 2 and 61 DF,  p-value: 0.1066

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-20.824 -10.758  -3.594   7.439  35.752

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    881.000      2.527 348.622   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    3.886     15.782   0.246    0.807
poly(TMP_MEAN_RND1, reg_poly)2   10.803     15.782   0.685    0.498
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 15.78 on 36 degrees of freedom
Multiple R-squared:  0.01449,   Adjusted R-squared:  -0.04026
F-statistic: 0.2646 on 2 and 36 DF,  p-value: 0.769

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
     Min       1Q   Median       3Q      Max
-11.6928  -8.4056  -0.3309   6.4794  16.6242

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    875.538      2.640 331.618   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -18.777      9.519  -1.973   0.0768 .
poly(TMP_MEAN_RND1, reg_poly)2   -7.514      9.519  -0.789   0.4482
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 9.519 on 10 degrees of freedom
Multiple R-squared:  0.311, Adjusted R-squared:  0.1732
F-statistic: 2.257 on 2 and 10 DF,  p-value: 0.1553

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-76.275 -25.022  -0.303  25.246  93.725

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1793.188      3.566 502.927  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  116.780     40.339   2.895  0.00448 **
poly(TMP_MEAN_RND1, reg_poly)2   92.372     40.339   2.290  0.02370 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 40.34 on 125 degrees of freedom
Multiple R-squared:  0.09828,   Adjusted R-squared:  0.08386
F-statistic: 6.812 on 2 and 125 DF,  p-value: 0.001556

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-55.157 -18.671  -4.025  21.216  71.500

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1773.246      3.725 476.059   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   70.887     30.031   2.361   0.0214 *
poly(TMP_MEAN_RND1, reg_poly)2   71.854     30.031   2.393   0.0198 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 30.03 on 62 degrees of freedom
Multiple R-squared:  0.1541,    Adjusted R-squared:  0.1268
F-statistic: 5.648 on 2 and 62 DF,  p-value: 0.005578

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-38.450 -19.909  -3.916   4.784  66.869

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1764.744      4.315 409.009   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   33.989     26.945   1.261    0.215
poly(TMP_MEAN_RND1, reg_poly)2   37.371     26.945   1.387    0.174
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 26.95 on 36 degrees of freedom
Multiple R-squared:  0.08895,   Adjusted R-squared:  0.03833
F-statistic: 1.757 on 2 and 36 DF,  p-value: 0.187

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-20.7812  -7.0958   0.6761   9.5024  21.9424

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1754.923      3.556 493.548   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -18.128     12.820  -1.414    0.188
poly(TMP_MEAN_RND1, reg_poly)2   -2.949     12.820  -0.230    0.823
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 12.82 on 10 degrees of freedom
Multiple R-squared:  0.1703,    Adjusted R-squared:  0.004332
F-statistic: 1.026 on 2 and 10 DF,  p-value: 0.3932

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-100.599  -42.489   -7.969   27.387  151.401

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2692.945      5.329 505.370   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  137.358     60.287   2.278   0.0244 *
poly(TMP_MEAN_RND1, reg_poly)2   81.442     60.287   1.351   0.1792
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 60.29 on 125 degrees of freedom
Multiple R-squared:  0.05315,   Adjusted R-squared:  0.038
F-statistic: 3.508 on 2 and 125 DF,  p-value: 0.03294

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-69.32 -32.97  -7.96  23.29 129.04

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
```

```
(Intercept)                     2662.338      5.495 484.510   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   87.420     44.301   1.973   0.0529 .
poly(TMP_MEAN_RND1, reg_poly)2   65.088     44.301   1.469   0.1468
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 44.3 on 62 degrees of freedom
Multiple R-squared:  0.08894,   Adjusted R-squared:  0.05955
F-statistic: 3.026 on 2 and 62 DF,  p-value: 0.05572

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-48.955 -20.696  -6.127  11.252  80.094

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2648.615      5.564 476.058   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   52.940     34.745   1.524    0.136
poly(TMP_MEAN_RND1, reg_poly)2   32.786     34.745   0.944    0.352
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 34.74 on 36 degrees of freedom
Multiple R-squared:  0.08191,   Adjusted R-squared:  0.03091
F-statistic: 1.606 on 2 and 36 DF,  p-value: 0.2147

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-26.486 -13.157  -1.503  13.640  21.601

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2635.308      4.641 567.818   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -18.455     16.734  -1.103    0.296
poly(TMP_MEAN_RND1, reg_poly)2  -10.099     16.734  -0.603    0.560
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 16.73 on 10 degrees of freedom
Multiple R-squared:  0.1365,    Adjusted R-squared:  -0.03622
F-statistic: 0.7903 on 2 and 10 DF,  p-value: 0.4801

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-140.396  -67.402   -8.864   41.348  205.604

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3594.547      7.488 480.055   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  102.457     84.715   1.209    0.229
poly(TMP_MEAN_RND1, reg_poly)2   88.322     84.715   1.043    0.299
---
```

```
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 84.71 on 125 degrees of freedom
Multiple R-squared:  0.01999,   Adjusted R-squared:  0.00431
F-statistic: 1.275 on 2 and 125 DF,  p-value: 0.2831

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-97.74 -46.28 -10.67  35.72 215.33

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3551.169      7.952 446.566   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   66.098     64.112   1.031    0.307
poly(TMP_MEAN_RND1, reg_poly)2   75.714     64.112   1.181    0.242
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 64.11 on 62 degrees of freedom
Multiple R-squared:  0.03813,   Adjusted R-squared:  0.007099
F-statistic: 1.229 on 2 and 62 DF,  p-value: 0.2997

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-72.73 -32.71 -11.98  21.39 101.82

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3531.641      7.578 466.056   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   40.953     47.323   0.865    0.393
poly(TMP_MEAN_RND1, reg_poly)2   41.539     47.323   0.878    0.386
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 47.32 on 36 degrees of freedom
Multiple R-squared:  0.0405,    Adjusted R-squared:  -0.01281
F-statistic: 0.7597 on 2 and 36 DF,  p-value: 0.4752

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-34.086 -17.748   2.024  17.739  33.687

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3513.308      7.013 500.961   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -43.618     25.286  -1.725    0.115
poly(TMP_MEAN_RND1, reg_poly)2  -15.176     25.286  -0.600    0.562
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 25.29 on 10 degrees of freedom
Multiple R-squared:  0.2501,    Adjusted R-squared:  0.1002
```

```
F-statistic: 1.668 on 2 and 10 DF,  p-value: 0.2371

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-148.650  -70.158   -9.435   46.631  212.350

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3792.49       7.96 476.458   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   100.94      90.06   1.121    0.264
poly(TMP_MEAN_RND1, reg_poly)2    93.44      90.06   1.038    0.301
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 90.05 on 125 degrees of freedom
Multiple R-squared:  0.01832,   Adjusted R-squared:  0.002614
F-statistic: 1.166 on 2 and 125 DF,  p-value: 0.3148

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-103.39  -49.56  -10.12   38.44  228.88

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3746.031      8.541 438.605   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   65.947     68.858   0.958    0.342
poly(TMP_MEAN_RND1, reg_poly)2   81.572     68.858   1.185    0.241
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 68.86 on 62 degrees of freedom
Multiple R-squared:  0.03608,   Adjusted R-squared:  0.004984
F-statistic:  1.16 on 2 and 62 DF,  p-value: 0.3201

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-77.46 -35.34 -15.02  22.74 107.45

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3725.359      8.235 452.382   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   40.929     51.427   0.796    0.431
poly(TMP_MEAN_RND1, reg_poly)2   47.177     51.427   0.917    0.365
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 51.43 on 36 degrees of freedom
Multiple R-squared:  0.03936,   Adjusted R-squared:  -0.01401
F-statistic: 0.7375 on 2 and 36 DF,  p-value: 0.4854

------------------------------------------------------------------------------
```

```
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-38.836 -18.924  -0.936  14.073  40.438

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3705.77       7.74 478.778   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -49.82      27.91  -1.785    0.105
poly(TMP_MEAN_RND1, reg_poly)2   -14.49      27.91  -0.519    0.615
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 27.91 on 10 degrees of freedom
Multiple R-squared:  0.2569,    Adjusted R-squared:  0.1083
F-statistic: 1.728 on 2 and 10 DF,  p-value: 0.2266

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-178.08  -89.28  -15.11   65.51  269.92

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4503.133      9.516 473.204   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   78.074    107.664   0.725    0.470
poly(TMP_MEAN_RND1, reg_poly)2   90.624    107.664   0.842    0.402
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 107.7 on 125 degrees of freedom
Multiple R-squared:  0.009778,  Adjusted R-squared:  -0.006065
F-statistic: 0.6172 on 2 and 125 DF,  p-value: 0.5411

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-118.93  -63.09  -17.45   42.07  268.26

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4443.877      9.669 459.598   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   40.103     77.954   0.514    0.609
poly(TMP_MEAN_RND1, reg_poly)2   84.450     77.954   1.083    0.283
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 77.95 on 62 degrees of freedom
Multiple R-squared:  0.02267,   Adjusted R-squared:  -0.008855
F-statistic: 0.7191 on 2 and 62 DF,  p-value: 0.4912

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-90.200 -39.117  -5.532  21.754 110.512

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4418.538      8.737 505.699   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   24.321     54.566   0.446    0.658
poly(TMP_MEAN_RND1, reg_poly)2   55.349     54.566   1.014    0.317
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 54.57 on 36 degrees of freedom
Multiple R-squared:  0.03298,   Adjusted R-squared:  -0.02075
F-statistic: 0.6138 on 2 and 36 DF,  p-value: 0.5469

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-42.189 -20.609  -1.924  11.515  46.657

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4396.077      8.579 512.431   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -67.422     30.932  -2.180   0.0543 .
poly(TMP_MEAN_RND1, reg_poly)2  -12.869     30.932  -0.416   0.6862
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 30.93 on 10 degrees of freedom
Multiple R-squared:  0.3299,    Adjusted R-squared:  0.1959
F-statistic: 2.462 on 2 and 10 DF,  p-value: 0.1351

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-227.52 -116.49  -15.29   93.44  303.48

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5415.45      11.73 461.806   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    66.40     132.67   0.500    0.618
poly(TMP_MEAN_RND1, reg_poly)2    86.86     132.67   0.655    0.514
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 132.7 on 125 degrees of freedom
Multiple R-squared:  0.005404,  Adjusted R-squared:  -0.01051
F-statistic: 0.3396 on 2 and 125 DF,  p-value: 0.7127

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-150.30  -70.38  -19.55   63.54  344.45
```

```
Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5335.92      11.52 463.109   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    35.58      92.89   0.383    0.703
poly(TMP_MEAN_RND1, reg_poly)2    92.66      92.89   0.997    0.322
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.89 on 62 degrees of freedom
Multiple R-squared:  0.01808,   Adjusted R-squared:  -0.01359
F-statistic: 0.5708 on 2 and 62 DF,  p-value: 0.568

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-109.677  -43.212   -2.008   40.982  143.330

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5299.513      9.716 545.454   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   17.038     60.675   0.281    0.780
poly(TMP_MEAN_RND1, reg_poly)2   62.118     60.675   1.024    0.313
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 60.68 on 36 degrees of freedom
Multiple R-squared:  0.03035,   Adjusted R-squared:  -0.02351
F-statistic: 0.5635 on 2 and 36 DF,  p-value: 0.5742

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-51.527 -28.969  -1.805  18.213  61.984

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5272.769     10.040 525.175   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -84.854     36.200  -2.344   0.0411 *
poly(TMP_MEAN_RND1, reg_poly)2   -9.052     36.200  -0.250   0.8076
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 36.2 on 10 degrees of freedom
Multiple R-squared:  0.3572,    Adjusted R-squared:  0.2286
F-statistic: 2.779 on 2 and 10 DF,  p-value: 0.1097

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-267.57 -123.54  -26.86  124.72  309.18

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6333.81      14.37 440.907   <2e-16 ***
```

```
poly(TMP_MEAN_RND1, reg_poly)1   -17.88     156.05  -0.115    0.909
poly(TMP_MEAN_RND1, reg_poly)2    70.33     156.05   0.451    0.653
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 156 on 115 degrees of freedom
Multiple R-squared:  0.001877,  Adjusted R-squared:  -0.01548
F-statistic: 0.1081 on 2 and 115 DF,  p-value: 0.8976

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-167.02  -97.71   -8.87   66.78  407.53

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6234.6       14.5 429.835   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1     28.4      112.3   0.253    0.801
poly(TMP_MEAN_RND1, reg_poly)2    108.9      112.3   0.969    0.337
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 112.4 on 57 degrees of freedom
Multiple R-squared:  0.0173,    Adjusted R-squared:  -0.01718
F-statistic: 0.5017 on 2 and 57 DF,  p-value: 0.6081

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-115.55  -50.41  -12.46   50.50  158.65

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6181.53      12.17 508.095   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    40.68      73.00   0.557    0.581
poly(TMP_MEAN_RND1, reg_poly)2    83.23      73.00   1.140    0.262
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 73 on 33 degrees of freedom
Multiple R-squared:  0.04654,   Adjusted R-squared:  -0.01125
F-statistic: 0.8054 on 2 and 33 DF,  p-value: 0.4555

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-64.108 -22.421  -4.642  24.999  74.700

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6150.92      12.69 484.745   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -58.47      43.96  -1.330    0.216
poly(TMP_MEAN_RND1, reg_poly)2    23.53      43.96   0.535    0.605
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 43.96 on 9 degrees of freedom
Multiple R-squared:  0.1859,    Adjusted R-squared:  0.005037
F-statistic: 1.028 on 2 and 9 DF,  p-value: 0.3962

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-399.70 -127.92   -3.21  136.81  373.23

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7300.59      15.87 460.024   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   113.94     179.55   0.635    0.527
poly(TMP_MEAN_RND1, reg_poly)2   167.35     179.55   0.932    0.353
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 179.5 on 125 degrees of freedom
Multiple R-squared:  0.01007,   Adjusted R-squared:  -0.00577
F-statistic: 0.6357 on 2 and 125 DF,  p-value: 0.5313

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-273.31 -105.01    3.21   84.69  380.47

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7172.12      16.14 444.316   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    88.56     130.14   0.681    0.499
poly(TMP_MEAN_RND1, reg_poly)2   122.59     130.14   0.942    0.350
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 130.1 on 62 degrees of freedom
Multiple R-squared:  0.02132,   Adjusted R-squared:  -0.01025
F-statistic: 0.6752 on 2 and 62 DF,  p-value: 0.5128

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-202.299  -65.355   -2.547   45.747  229.511

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7100.82      15.54 456.843   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    79.37      97.07   0.818    0.419
poly(TMP_MEAN_RND1, reg_poly)2    82.46      97.07   0.850    0.401
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 97.07 on 36 degrees of freedom
Multiple R-squared:  0.03718,   Adjusted R-squared:  -0.0163
```

```
F-statistic: 0.6952 on 2 and 36 DF,  p-value: 0.5056

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-91.412 -33.843   3.464  16.038  91.650

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7033.31      16.95 415.034   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -58.72      61.10  -0.961    0.359
poly(TMP_MEAN_RND1, reg_poly)2    33.84      61.10   0.554    0.592
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 61.1 on 10 degrees of freedom
Multiple R-squared:  0.1096,    Adjusted R-squared:  -0.06853
F-statistic: 0.6152 on 2 and 10 DF,  p-value: 0.5598

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-463.36 -144.02   11.42  140.19  430.76

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7728.41      17.07 452.648   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   140.94     193.17   0.730    0.467
poly(TMP_MEAN_RND1, reg_poly)2   161.05     193.17   0.834    0.406
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 193.2 on 125 degrees of freedom
Multiple R-squared:  0.009724,  Adjusted R-squared:  -0.00612
F-statistic: 0.6137 on 2 and 125 DF,  p-value: 0.543

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-320.11 -116.72   -2.24   95.81  349.81

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7587.18      17.82 425.868   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    84.88     143.64   0.591    0.557
poly(TMP_MEAN_RND1, reg_poly)2   118.32     143.64   0.824    0.413
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 143.6 on 62 degrees of freedom
Multiple R-squared:  0.01631,   Adjusted R-squared:  -0.01543
F-statistic: 0.5138 on 2 and 62 DF,  p-value: 0.6007

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
```

```
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-242.58  -83.95   12.11   70.08  282.86

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7506.62      18.18 412.868   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    76.53     113.54   0.674    0.505
poly(TMP_MEAN_RND1, reg_poly)2    94.47     113.54   0.832    0.411
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 113.5 on 36 degrees of freedom
Multiple R-squared:  0.03087,   Adjusted R-squared:  -0.02298
F-statistic: 0.5733 on 2 and 36 DF,  p-value: 0.5687

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-124.46  -29.91   10.26   33.80  136.09

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7420.69      21.79 340.616   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -35.91      78.55  -0.457    0.657
poly(TMP_MEAN_RND1, reg_poly)2    55.93      78.55   0.712    0.493
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 78.55 on 10 degrees of freedom
Multiple R-squared:  0.06682,   Adjusted R-squared:  -0.1198
F-statistic: 0.358 on 2 and 10 DF,  p-value: 0.7077

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-25.064 -13.963  -0.608   4.129  54.934

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    871.910      1.987 438.792  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -65.516     19.871  -3.297  0.00137 **
poly(TMP_MEAN_RND1, reg_poly)2  -66.286     19.871  -3.336  0.00121 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 19.87 on 97 degrees of freedom
Multiple R-squared:  0.1849,    Adjusted R-squared:  0.1681
F-statistic:    11 on 2 and 97 DF,  p-value: 4.949e-05

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
     Min       1Q   Median       3Q      Max
-18.4414  -6.7272  -0.7889   9.5402  14.8287

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   863.480      1.281 673.974  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -49.469      9.059  -5.461 1.75e-06 ***
poly(TMP_MEAN_RND1, reg_poly)2  -64.745      9.059  -7.147 4.90e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 9.059 on 47 degrees of freedom
Multiple R-squared:  0.6325,    Adjusted R-squared:  0.6169
F-statistic: 40.45 on 2 and 47 DF,  p-value: 6.07e-11

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-17.511  -6.109  -1.140   9.874  10.703

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   862.833      1.724 500.478  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -38.083      9.443  -4.033 0.000406 ***
poly(TMP_MEAN_RND1, reg_poly)2  -47.962      9.443  -5.079 2.46e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 9.443 on 27 degrees of freedom
Multiple R-squared:  0.6091,    Adjusted R-squared:  0.5801
F-statistic: 21.03 on 2 and 27 DF,  p-value: 3.116e-06

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-17.430  -5.503  -1.803   9.293  10.842

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   862.700      3.363 256.509 3.61e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1  -22.685     10.635  -2.133   0.0704 .
poly(TMP_MEAN_RND1, reg_poly)2  -27.852     10.635  -2.619   0.0345 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 10.64 on 7 degrees of freedom
Multiple R-squared:  0.6197,    Adjusted R-squared:  0.5111
F-statistic: 5.704 on 2 and 7 DF,  p-value: 0.03391

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-42.628 -27.099  -7.135  13.144 109.901
```

```
Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1762.73       3.65 482.927  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -56.47      36.50  -1.547    0.125
poly(TMP_MEAN_RND1, reg_poly)2  -149.14      36.50  -4.086 9.05e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 36.5 on 97 degrees of freedom
Multiple R-squared:  0.1644,    Adjusted R-squared:  0.1472
F-statistic: 9.544 on 2 and 97 DF,  p-value: 0.0001646

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-29.35 -12.76  -2.66  17.12  38.12

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1746.720      2.316 754.163  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -40.270     16.377  -2.459   0.0177 *
poly(TMP_MEAN_RND1, reg_poly)2 -132.952     16.377  -8.118  1.7e-10 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 16.38 on 47 degrees of freedom
Multiple R-squared:  0.6049,    Adjusted R-squared:  0.5881
F-statistic: 35.97 on 2 and 47 DF,  p-value: 3.337e-10

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-27.518 -12.191  -3.691  18.877  21.155

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1745.467      2.994 582.907  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -30.484     16.401  -1.859    0.074 .
poly(TMP_MEAN_RND1, reg_poly)2  -98.546     16.401  -6.009 2.07e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 16.4 on 27 degrees of freedom
Multiple R-squared:  0.5943,    Adjusted R-squared:  0.5643
F-statistic: 19.78 on 2 and 27 DF,  p-value: 5.132e-06

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-26.503 -10.928  -3.482  16.001  21.171

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1745.400      5.889 296.386 1.31e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1  -17.756     18.622  -0.953   0.3721
```

```
poly(TMP_MEAN_RND1, reg_poly)2  -57.110     18.622  -3.067   0.0182 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 18.62 on 7 degrees of freedom
Multiple R-squared:  0.5957,    Adjusted R-squared:  0.4802
F-statistic: 5.157 on 2 and 7 DF,  p-value: 0.04202

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-54.876 -40.271  -5.961  14.879 150.729

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2661.630      5.051 526.974  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -57.490     50.508  -1.138 0.257828
poly(TMP_MEAN_RND1, reg_poly)2 -182.493     50.508  -3.613 0.000482 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 50.51 on 97 degrees of freedom
Multiple R-squared:  0.1289,    Adjusted R-squared:  0.1109
F-statistic: 7.175 on 2 and 97 DF,  p-value: 0.001241

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-35.898 -16.707  -2.905  17.196  44.446

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2638.440      3.123 844.959  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -23.995     22.080  -1.087    0.283
poly(TMP_MEAN_RND1, reg_poly)2 -173.301     22.080  -7.849 4.29e-10 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 22.08 on 47 degrees of freedom
Multiple R-squared:  0.5719,    Adjusted R-squared:  0.5537
F-statistic: 31.39 on 2 and 47 DF,  p-value: 2.196e-09

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-33.493 -15.245  -3.437  19.499  34.203

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2636.800      4.066 648.549  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -17.716     22.269  -0.796    0.433
poly(TMP_MEAN_RND1, reg_poly)2 -128.366     22.269  -5.764 3.94e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 22.27 on 27 degrees of freedom
Multiple R-squared:  0.5564,    Adjusted R-squared:  0.5235
F-statistic: 16.93 on 2 and 27 DF,  p-value: 1.717e-05

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-32.332 -13.102  -3.653  17.197  33.341

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2636.600      7.921 332.870 5.83e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -10.133     25.048  -0.405   0.6979
poly(TMP_MEAN_RND1, reg_poly)2  -74.297     25.048  -2.966   0.0209 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 25.05 on 7 degrees of freedom
Multiple R-squared:  0.5615,    Adjusted R-squared:  0.4362
F-statistic: 4.481 on 2 and 7 DF,  p-value: 0.05585

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-69.98 -48.74 -21.16  18.93 184.26

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3563.72       6.65 535.862  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -63.09      66.50  -0.949  0.34517
poly(TMP_MEAN_RND1, reg_poly)2  -184.60      66.50  -2.776  0.00661 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 66.5 on 97 degrees of freedom
Multiple R-squared:  0.08148,   Adjusted R-squared:  0.06254
F-statistic: 4.302 on 2 and 97 DF,  p-value: 0.01621

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-42.620 -23.101   3.324  16.337  50.912

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3532.54       3.82 924.787  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -25.11      27.01  -0.930    0.357
poly(TMP_MEAN_RND1, reg_poly)2  -190.09      27.01  -7.038 7.17e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 27.01 on 47 degrees of freedom
Multiple R-squared:  0.5174,    Adjusted R-squared:  0.4969
F-statistic:  25.2 on 2 and 47 DF,  p-value: 3.663e-08
```

```
------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-39.634 -20.761   3.826  18.523  40.734

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3530.333      4.939 714.786  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -17.974     27.052  -0.664    0.512
poly(TMP_MEAN_RND1, reg_poly)2 -139.845     27.052  -5.169 1.93e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 27.05 on 27 degrees of freedom
Multiple R-squared:  0.5015,    Adjusted R-squared:  0.4646
F-statistic: 13.58 on 2 and 27 DF,  p-value: 8.283e-05

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-39.50 -17.23   3.56  15.81  40.86

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3530.100      9.633 366.461 2.98e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -10.713     30.462  -0.352   0.7354
poly(TMP_MEAN_RND1, reg_poly)2  -81.195     30.462  -2.665   0.0322 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 30.46 on 7 degrees of freedom
Multiple R-squared:  0.508, Adjusted R-squared:  0.3675
F-statistic: 3.614 on 2 and 7 DF,  p-value: 0.08353

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-71.67 -52.69 -19.49  18.55 190.31

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3757.440      7.092 529.794   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -77.744     70.923  -1.096    0.276
poly(TMP_MEAN_RND1, reg_poly)2 -177.461     70.923  -2.502    0.014 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 70.92 on 97 degrees of freedom
Multiple R-squared:  0.07144,   Adjusted R-squared:  0.05229
F-statistic: 3.731 on 2 and 97 DF,  p-value: 0.02747

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
```

```
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-42.452 -30.348   0.831  20.671  50.138

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3724.180      4.117 904.519  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -32.185     29.114  -1.105    0.275
poly(TMP_MEAN_RND1, reg_poly)2 -189.520     29.114  -6.510 4.54e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 29.11 on 47 degrees of freedom
Multiple R-squared:  0.4812,    Adjusted R-squared:  0.4591
F-statistic:  21.8 on 2 and 47 DF,  p-value: 2.005e-07

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-39.227 -27.792   1.112  23.747  42.638

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3721.833      5.318 699.846  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -22.744     29.128  -0.781    0.442
poly(TMP_MEAN_RND1, reg_poly)2 -138.696     29.128  -4.762 5.78e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 29.13 on 27 degrees of freedom
Multiple R-squared:  0.463, Adjusted R-squared:  0.4233
F-statistic: 11.64 on 2 and 27 DF,  p-value: 0.0002261

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-38.81 -22.81  -2.04  20.69  43.21

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3721.40      10.44 356.390 3.62e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -13.96      33.02  -0.423   0.6851
poly(TMP_MEAN_RND1, reg_poly)2   -79.83      33.02  -2.418   0.0463 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 33.02 on 7 degrees of freedom
Multiple R-squared:  0.4625,    Adjusted R-squared:  0.309
F-statistic: 3.012 on 2 and 7 DF,  p-value: 0.1138

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
```

```
    Min      1Q  Median      3Q     Max
-103.08  -63.38  -22.14   25.87  230.13

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4453.310      8.699 511.927   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -62.329     86.991  -0.717    0.475
poly(TMP_MEAN_RND1, reg_poly)2 -119.041     86.991  -1.368    0.174
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 86.99 on 97 degrees of freedom
Multiple R-squared:  0.02401,   Adjusted R-squared:  0.003884
F-statistic: 1.193 on 2 and 97 DF,  p-value: 0.3077

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-64.522 -31.150  -4.975  27.851  72.156

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4409.740      5.143 857.355  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -14.477     36.370  -0.398    0.692
poly(TMP_MEAN_RND1, reg_poly)2 -164.150     36.370  -4.513 4.27e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 36.37 on 47 degrees of freedom
Multiple R-squared:  0.304, Adjusted R-squared:  0.2744
F-statistic: 10.26 on 2 and 47 DF,  p-value: 0.0002001

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-60.21 -27.20  -8.74  31.39  58.15

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4406.200      6.412 687.204  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -8.808     35.119  -0.251  0.80386
poly(TMP_MEAN_RND1, reg_poly)2 -120.247     35.119  -3.424  0.00198 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 35.12 on 27 degrees of freedom
Multiple R-squared:  0.3039,    Adjusted R-squared:  0.2523
F-statistic: 5.893 on 2 and 27 DF,  p-value: 0.007519

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-57.551 -22.646  -9.819  30.264  57.105

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4404.100     12.683 347.242 4.34e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -3.267     40.107  -0.081    0.937
poly(TMP_MEAN_RND1, reg_poly)2  -66.888     40.107  -1.668    0.139
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 40.11 on 7 degrees of freedom
Multiple R-squared:  0.2848,    Adjusted R-squared:  0.0805
F-statistic: 1.394 on 2 and 7 DF,  p-value: 0.3093

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-146.39  -70.03  -26.77   31.61  303.56

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5365.39      10.48 512.094   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -41.72     104.77  -0.398    0.691
poly(TMP_MEAN_RND1, reg_poly)2   -75.89     104.77  -0.724    0.471
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 104.8 on 97 degrees of freedom
Multiple R-squared:  0.006994,  Adjusted R-squared:  -0.01348
F-statistic: 0.3416 on 2 and 97 DF,  p-value: 0.7115

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-93.232 -22.387   3.029  33.043  83.409

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5305.180      6.154 862.062  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -3.693     43.516  -0.085 0.932727
poly(TMP_MEAN_RND1, reg_poly)2 -159.190     43.516  -3.658 0.000641 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 43.52 on 47 degrees of freedom
Multiple R-squared:  0.2217,    Adjusted R-squared:  0.1886
F-statistic: 6.695 on 2 and 47 DF,  p-value: 0.002765

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-88.890 -18.184  -2.365  29.708  61.662

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5299.000      7.723 686.091  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    2.996     42.303   0.071  0.94405
```

```
poly(TMP_MEAN_RND1, reg_poly)2 -144.910     42.303  -3.426  0.00198 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 42.3 on 27 degrees of freedom
Multiple R-squared:  0.303, Adjusted R-squared:  0.2514
F-statistic:  5.87 on 2 and 27 DF,  p-value: 0.007645

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-82.570 -16.591  -7.486  25.866  64.196

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  5294.000     14.713 359.830 3.38e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    1.295     46.525   0.028    0.979
poly(TMP_MEAN_RND1, reg_poly)2  -75.593     46.525  -1.625    0.148
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 46.53 on 7 degrees of freedom
Multiple R-squared:  0.2739,    Adjusted R-squared:  0.06646
F-statistic:  1.32 on 2 and 7 DF,  p-value: 0.3262

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-182.13  -79.70  -30.68   44.41  393.55

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6297.9700    12.1672 517.618   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -0.7408   121.6722  -0.006    0.995
poly(TMP_MEAN_RND1, reg_poly)2   16.1795   121.6722   0.133    0.894
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 121.7 on 97 degrees of freedom
Multiple R-squared:  0.0001826, Adjusted R-squared:  -0.02043
F-statistic: 0.00886 on 2 and 97 DF,  p-value: 0.9912

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-108.38  -33.12   11.19   31.91  117.25

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6217.760     7.451 834.533   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -13.561     52.684  -0.257    0.798
poly(TMP_MEAN_RND1, reg_poly)2  -68.992     52.684  -1.310    0.197
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 52.68 on 47 degrees of freedom
Multiple R-squared:  0.03651,   Adjusted R-squared:  -0.004486
F-statistic: 0.8906 on 2 and 47 DF,  p-value: 0.4172

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-98.385 -21.893   9.097  25.994  69.498

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6203.333      8.754 708.646   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -3.508     47.946  -0.073    0.942
poly(TMP_MEAN_RND1, reg_poly)2 -102.348     47.946  -2.135    0.042 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 47.95 on 27 degrees of freedom
Multiple R-squared:  0.1445,    Adjusted R-squared:  0.08117
F-statistic: 2.281 on 2 and 27 DF,  p-value: 0.1215

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-81.94 -23.82  11.58  21.28  64.85

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6188.200     14.692 421.196   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -8.774     46.460  -0.189    0.856
poly(TMP_MEAN_RND1, reg_poly)2  -48.258     46.460  -1.039    0.333
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 46.46 on 7 degrees of freedom
Multiple R-squared:  0.1374,    Adjusted R-squared:  -0.1091
F-statistic: 0.5573 on 2 and 7 DF,  p-value: 0.5962

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-274.24  -92.97  -23.36  100.11  476.42

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7255.720     14.844 488.793   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   68.305    148.441   0.460    0.646
poly(TMP_MEAN_RND1, reg_poly)2   -2.378    148.441  -0.016    0.987
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 148.4 on 97 degrees of freedom
Multiple R-squared:  0.002181,  Adjusted R-squared:  -0.01839
F-statistic: 0.106 on 2 and 97 DF,  p-value: 0.8995
```

```
------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-173.143  -47.228    9.357   54.000  153.472

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  7149.680     11.225 636.927   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    7.914     79.375   0.100    0.921
poly(TMP_MEAN_RND1, reg_poly)2  -49.721     79.375  -0.626    0.534
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 79.37 on 47 degrees of freedom
Multiple R-squared:  0.008488,  Adjusted R-squared:  -0.0337
F-statistic: 0.2012 on 2 and 47 DF,  p-value: 0.8185

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-146.05  -37.29   12.10   46.75   91.66

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  7116.60      12.70 560.290   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    10.05      69.57   0.145    0.886
poly(TMP_MEAN_RND1, reg_poly)2  -102.12      69.57  -1.468    0.154
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 69.57 on 27 degrees of freedom
Multiple R-squared:  0.07457,   Adjusted R-squared:  0.006024
F-statistic: 1.088 on 2 and 27 DF,  p-value: 0.3512

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-113.222  -15.789   -0.014   36.429   71.628

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  7083.30      18.99 372.918 2.63e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    -2.48      60.06  -0.041    0.968
poly(TMP_MEAN_RND1, reg_poly)2   -58.11      60.06  -0.968    0.366
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 60.07 on 7 degrees of freedom
Multiple R-squared:  0.1181,    Adjusted R-squared:  -0.1338
F-statistic: 0.4689 on 2 and 7 DF,  p-value: 0.644

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
```

```
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-327.44  -98.25   -4.37  103.67  507.84

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7687.03      16.08  478.03   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   117.45     160.81    0.73    0.467
poly(TMP_MEAN_RND1, reg_poly)2    -3.26     160.81   -0.02    0.984
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 160.8 on 97 degrees of freedom
Multiple R-squared:  0.005473,  Adjusted R-squared:  -0.01503
F-statistic: 0.2669 on 2 and 97 DF,  p-value: 0.7663

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-217.69  -73.54   12.05   82.67  173.24

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7571.94      13.53 559.716   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    35.26      95.66   0.369    0.714
poly(TMP_MEAN_RND1, reg_poly)2   -52.39      95.66  -0.548    0.587
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 95.66 on 47 degrees of freedom
Multiple R-squared:  0.009187,  Adjusted R-squared:  -0.03298
F-statistic: 0.2179 on 2 and 47 DF,  p-value: 0.805

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-173.259  -48.428    3.279   69.266  127.148

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7522.50      14.85 506.607   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    25.10      81.33   0.309    0.760
poly(TMP_MEAN_RND1, reg_poly)2   -91.35      81.33  -1.123    0.271
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.33 on 27 degrees of freedom
Multiple R-squared:  0.04785,   Adjusted R-squared:  -0.02268
F-statistic: 0.6784 on 2 and 27 DF,  p-value: 0.5159

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
```

```
-127.661  -19.827    1.707   30.202   93.163

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7474.50      21.65 345.224 4.52e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    16.68      68.47   0.244    0.815
poly(TMP_MEAN_RND1, reg_poly)2   -68.05      68.47  -0.994    0.353
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 68.47 on 7 degrees of freedom
Multiple R-squared:  0.1301,    Adjusted R-squared:  -0.1184
F-statistic: 0.5235 on 2 and 7 DF,  p-value: 0.6139

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-30.186  -9.782   1.218  12.702  28.615

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    951.32       1.47 647.180  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -61.69      16.04  -3.847 0.000196 ***
poly(TMP_MEAN_RND1, reg_poly)2   128.01      16.04   7.983 1.14e-12 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 16.04 on 116 degrees of freedom
Multiple R-squared:  0.4037,    Adjusted R-squared:  0.3934
F-statistic: 39.26 on 2 and 116 DF,  p-value: 9.506e-14

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-29.595 -11.711   1.802  12.865  29.292

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   950.475      2.189 434.209  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -41.781     16.814  -2.485    0.016 *
poly(TMP_MEAN_RND1, reg_poly)2   89.596     16.814   5.329 1.82e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 16.81 on 56 degrees of freedom
Multiple R-squared:  0.3817,    Adjusted R-squared:  0.3596
F-statistic: 17.28 on 2 and 56 DF,  p-value: 1.425e-06

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-28.9051 -11.2069   0.4957  13.4234  29.7107

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    949.571      2.953 321.553  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -29.108     17.471  -1.666 0.105448
poly(TMP_MEAN_RND1, reg_poly)2   68.470     17.471   3.919 0.000439 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 17.47 on 32 degrees of freedom
Multiple R-squared:  0.3617,    Adjusted R-squared:  0.3218
F-statistic: 9.068 on 2 and 32 DF,  p-value: 0.0007587

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-24.718 -11.074   1.906  12.614  24.767

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    950.583      5.333 178.253   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -22.299     18.473  -1.207   0.2582
poly(TMP_MEAN_RND1, reg_poly)2   43.432     18.473   2.351   0.0432 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 18.47 on 9 degrees of freedom
Multiple R-squared:  0.437, Adjusted R-squared:  0.3118
F-statistic: 3.492 on 2 and 9 DF,  p-value: 0.07541

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-36.13 -19.88  -2.24  16.82  38.98

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1874.882      2.017 929.519   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -16.763     22.003  -0.762    0.448
poly(TMP_MEAN_RND1, reg_poly)2  242.112     22.003  11.003   <2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 22 on 116 degrees of freedom
Multiple R-squared:  0.5119,    Adjusted R-squared:  0.5035
F-statistic: 60.83 on 2 and 116 DF,  p-value: < 2.2e-16

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-32.591 -18.729  -1.115  17.025  36.564

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1872.525      2.912 643.046  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -12.281     22.367  -0.549    0.585
poly(TMP_MEAN_RND1, reg_poly)2  174.950     22.367   7.822 1.52e-10 ***
```

```
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 22.37 on 56 degrees of freedom
Multiple R-squared:  0.5233,    Adjusted R-squared:  0.5063
F-statistic: 30.74 on 2 and 56 DF,  p-value: 9.776e-10

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-32.400 -18.542  -0.964  17.182  36.770

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1871.886      3.847 486.550  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -5.394     22.761  -0.237    0.814
poly(TMP_MEAN_RND1, reg_poly)2  133.044     22.761   5.845  1.7e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 22.76 on 32 degrees of freedom
Multiple R-squared:  0.5168,    Adjusted R-squared:  0.4866
F-statistic: 17.11 on 2 and 32 DF,  p-value: 8.833e-06

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht:
M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-31.714 -17.162  -1.736  16.262  36.344

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1873.667      7.201 260.202  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -10.157     24.944  -0.407  0.69339
poly(TMP_MEAN_RND1, reg_poly)2   81.089     24.944   3.251  0.00998 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 24.94 on 9 degrees of freedom
Multiple R-squared:  0.5439,    Adjusted R-squared:  0.4426
F-statistic: 5.367 on 2 and 9 DF,  p-value: 0.02922

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-50.79 -28.68   3.21  27.23  77.28

Coefficients:
                             Estimate Std. Error  t value Pr(>|t|)
(Intercept)                  2793.975      2.729 1023.712   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   22.579     29.773    0.758     0.45
poly(TMP_MEAN_RND1, reg_poly)2  353.130     29.773   11.861   <2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 29.77 on 116 degrees of freedom
Multiple R-squared:  0.5491,    Adjusted R-squared:  0.5413
F-statistic: 70.63 on 2 and 116 DF,  p-value: < 2.2e-16

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-44.575 -20.812   9.425  28.266  44.886

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2788.42373    3.61544 771.254  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -0.03239   27.77074  -0.001    0.999
poly(TMP_MEAN_RND1, reg_poly)2  270.13406   27.77074   9.727 1.23e-13 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 27.77 on 56 degrees of freedom
Multiple R-squared:  0.6282,    Adjusted R-squared:  0.6149
F-statistic: 47.31 on 2 and 56 DF,  p-value: 9.301e-13

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-44.035 -19.231   9.965  26.188  31.598

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2787.6000     4.6678 597.201  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    0.2023    27.6149   0.007    0.994
poly(TMP_MEAN_RND1, reg_poly)2  212.7431    27.6149   7.704 8.79e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 27.61 on 32 degrees of freedom
Multiple R-squared:  0.6497,    Adjusted R-squared:  0.6278
F-statistic: 29.68 on 2 and 32 DF,  p-value: 5.141e-08

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht:
M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-42.621 -22.950   3.299  28.802  31.062

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2788.417      8.819 316.193  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -4.042     30.549  -0.132  0.89766
poly(TMP_MEAN_RND1, reg_poly)2  122.693     30.549   4.016  0.00304 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 30.55 on 9 degrees of freedom
Multiple R-squared:  0.6421,    Adjusted R-squared:  0.5626
F-statistic: 8.074 on 2 and 9 DF,  p-value: 0.009814
```

```
------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-85.57 -44.65  11.21  28.48 106.47

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3724.832      4.029 924.476  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   38.304     43.953   0.871    0.385
poly(TMP_MEAN_RND1, reg_poly)2  391.202     43.953   8.901 8.86e-15 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 43.95 on 116 degrees of freedom
Multiple R-squared:  0.4081,    Adjusted R-squared:  0.3979
F-statistic: 39.99 on 2 and 116 DF,  p-value: 6.171e-14

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-75.48 -48.09  23.52  30.02  53.79

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3716.153      5.665 655.980  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    3.381     43.514   0.078    0.938
poly(TMP_MEAN_RND1, reg_poly)2  308.759     43.514   7.096 2.41e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 43.51 on 56 degrees of freedom
Multiple R-squared:  0.4735,    Adjusted R-squared:  0.4547
F-statistic: 25.18 on 2 and 56 DF,  p-value: 1.586e-08

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-75.37 -47.70  23.63  29.24  55.23

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3715.743      7.495 495.773  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    2.885     44.340   0.065    0.949
poly(TMP_MEAN_RND1, reg_poly)2  243.226     44.340   5.485 4.84e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 44.34 on 32 degrees of freedom
Multiple R-squared:  0.4847,    Adjusted R-squared:  0.4524
F-statistic: 15.05 on 2 and 32 DF,  p-value: 2.475e-05

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht:
```

```
M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-75.02 -49.49  14.52  31.86  51.14

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3716.0000    14.1711 262.223   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -0.8013    49.0903  -0.016   0.9873
poly(TMP_MEAN_RND1, reg_poly)2  136.0612    49.0903   2.772   0.0217 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 49.09 on 9 degrees of freedom
Multiple R-squared:  0.4605,    Adjusted R-squared:  0.3406
F-statistic: 3.841 on 2 and 9 DF,  p-value: 0.06222

--------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-96.17 -46.75  13.83  29.42 122.67

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3930.008      4.567 860.511  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   55.958     49.821   1.123    0.264
poly(TMP_MEAN_RND1, reg_poly)2  398.511     49.821   7.999 1.05e-12 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 49.82 on 116 degrees of freedom
Multiple R-squared:   0.36, Adjusted R-squared:  0.3489
F-statistic: 32.62 on 2 and 116 DF,  p-value: 5.745e-12

--------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-84.68 -56.43  24.32  30.05  61.04

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3920.356      6.467 606.184  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   11.122     49.676   0.224    0.824
poly(TMP_MEAN_RND1, reg_poly)2  320.618     49.676   6.454 2.75e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 49.68 on 56 degrees of freedom
Multiple R-squared:  0.4269,    Adjusted R-squared:  0.4064
F-statistic: 20.85 on 2 and 56 DF,  p-value: 1.704e-07

--------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
   Min     1Q Median     3Q    Max
-84.51 -56.64  24.49  30.69  59.21

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3919.829      8.586 456.540  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    6.325     50.795   0.125    0.902
poly(TMP_MEAN_RND1, reg_poly)2  253.926     50.795   4.999 1.99e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 50.8 on 32 degrees of freedom
Multiple R-squared:  0.4387,    Adjusted R-squared:  0.4036
F-statistic:  12.5 on 2 and 32 DF,  p-value: 9.721e-05

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht:
M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-82.74 -58.81  19.26  32.06  64.53

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3919.750     16.428 238.603   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    2.859     56.908   0.050   0.9610
poly(TMP_MEAN_RND1, reg_poly)2  141.299     56.908   2.483   0.0348 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 56.91 on 9 degrees of freedom
Multiple R-squared:  0.4066,    Adjusted R-squared:  0.2748
F-statistic: 3.084 on 2 and 9 DF,  p-value: 0.09549

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-118.91  -49.91   12.75   31.55  152.09

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4664.863      5.634 828.014  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  103.022     60.939   1.691   0.0936 .
poly(TMP_MEAN_RND1, reg_poly)2  501.265     60.939   8.226 3.52e-13 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 60.94 on 114 degrees of freedom
Multiple R-squared:  0.3822,    Adjusted R-squared:  0.3713
F-statistic: 35.26 on 2 and 114 DF,  p-value: 1.2e-12

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-100.90  -64.89   22.23   42.69   84.11

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4649.339      7.686 604.893  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   47.996     59.039   0.813     0.42
poly(TMP_MEAN_RND1, reg_poly)2  400.101     59.039   6.777 8.08e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 59.04 on 56 degrees of freedom
Multiple R-squared:  0.4541,    Adjusted R-squared:  0.4346
F-statistic: 23.29 on 2 and 56 DF,  p-value: 4.352e-08

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-96.66 -74.48  24.41  45.65  78.78

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4647.34      10.53 441.299  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    26.66      62.30   0.428    0.672
poly(TMP_MEAN_RND1, reg_poly)2   316.53      62.30   5.081 1.57e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 62.3 on 32 degrees of freedom
Multiple R-squared:  0.4482,    Adjusted R-squared:  0.4137
F-statistic:    13 on 2 and 32 DF,  p-value: 7.381e-05

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht:
M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-95.03 -71.31  27.82  40.19  86.76

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4646.417     20.474 226.947   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    8.769     70.923   0.124   0.9043
poly(TMP_MEAN_RND1, reg_poly)2  177.059     70.923   2.497   0.0341 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 70.92 on 9 degrees of freedom
Multiple R-squared:  0.4098,    Adjusted R-squared:  0.2786
F-statistic: 3.124 on 2 and 9 DF,  p-value: 0.09325

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-174.254  -38.374    5.242   36.813  187.746

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5571.598      7.532 739.683  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  185.282     81.476   2.274   0.0248 *
poly(TMP_MEAN_RND1, reg_poly)2  552.918     81.476   6.786 5.43e-10 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.48 on 114 degrees of freedom
Multiple R-squared:   0.31, Adjusted R-squared:  0.2979
F-statistic: 25.61 on 2 and 114 DF,  p-value: 6.504e-10

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-146.09  -58.19   20.63   43.51  131.04

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5544.881      9.928 558.534  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  114.651     76.255   1.504    0.138
poly(TMP_MEAN_RND1, reg_poly)2  442.986     76.255   5.809  3.1e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 76.26 on 56 degrees of freedom
Multiple R-squared:  0.3914,    Adjusted R-squared:  0.3696
F-statistic:    18 on 2 and 56 DF,  p-value: 9.165e-07

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-136.10  -92.46   28.30   50.41  125.29

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5539.40      13.74 403.224  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    64.95      81.27   0.799 0.430123
poly(TMP_MEAN_RND1, reg_poly)2   354.21      81.27   4.358 0.000127 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.27 on 32 degrees of freedom
Multiple R-squared:  0.3802,    Adjusted R-squared:  0.3415
F-statistic: 9.817 on 2 and 32 DF,  p-value: 0.0004737

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht:
M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-130.08  -89.73   33.31   51.63  138.81

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5534.42      27.37 202.205   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    29.24      94.81   0.308   0.7648
```

```
poly(TMP_MEAN_RND1, reg_poly)2   192.31      94.81   2.028   0.0731 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 94.81 on 9 degrees of freedom
Multiple R-squared:  0.3187,    Adjusted R-squared:  0.1672
F-statistic: 2.105 on 2 and 9 DF,  p-value: 0.1779

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-212.347  -48.722    8.365   64.513  215.840

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6509.746      9.139 712.331  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  212.978     99.271   2.145    0.034 *
poly(TMP_MEAN_RND1, reg_poly)2  559.358     99.271   5.635 1.27e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 99.27 on 115 degrees of freedom
Multiple R-squared:  0.2402,    Adjusted R-squared:  0.227
F-statistic: 18.18 on 2 and 115 DF,  p-value: 1.383e-07

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-165.36  -50.63   23.52   59.15  152.88

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6461.20      11.01 586.777  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   154.65      85.29   1.813   0.0751 .
poly(TMP_MEAN_RND1, reg_poly)2   439.12      85.29   5.148 3.39e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 85.29 on 57 degrees of freedom
Multiple R-squared:  0.3433,    Adjusted R-squared:  0.3202
F-statistic:  14.9 on 2 and 57 DF,  p-value: 6.247e-06

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-147.88 -109.58   23.27   66.47  147.39

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6447.31      14.98 430.520  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    98.48      89.85   1.096 0.280991
poly(TMP_MEAN_RND1, reg_poly)2   331.36      89.85   3.688 0.000809 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 89.85 on 33 degrees of freedom
Multiple R-squared:  0.3096,    Adjusted R-squared:  0.2678
F-statistic:   7.4 on 2 and 33 DF,  p-value: 0.002212

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht:
M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-134.61 -100.78   26.11   58.75  154.85

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6436.67      30.45 211.367   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    47.74     105.49   0.453    0.662
poly(TMP_MEAN_RND1, reg_poly)2   190.43     105.49   1.805    0.105
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 105.5 on 9 degrees of freedom
Multiple R-squared:  0.2779,    Adjusted R-squared:  0.1174
F-statistic: 1.732 on 2 and 9 DF,  p-value: 0.2311

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-283.834  -63.834    0.336   90.206  273.572

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7470.15      11.12 671.831  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   173.45     120.27   1.442    0.152
poly(TMP_MEAN_RND1, reg_poly)2   617.04     120.27   5.130  1.2e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 120.3 on 114 degrees of freedom
Multiple R-squared:  0.1994,    Adjusted R-squared:  0.1854
F-statistic:  14.2 on 2 and 114 DF,  p-value: 3.115e-06

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-204.81  -70.76   20.37   67.01  160.01

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7389.78      12.62 585.560  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   109.01      96.94   1.125    0.266
poly(TMP_MEAN_RND1, reg_poly)2   444.37      96.94   4.584  2.6e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 96.94 on 56 degrees of freedom
Multiple R-squared:  0.2846,    Adjusted R-squared:  0.2591
```

```
F-statistic: 11.14 on 2 and 56 DF,  p-value: 8.457e-05

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-169.38  -75.69   31.46   63.30  144.36

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7351.37      15.56 472.403   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    89.48      92.06   0.972   0.3384
poly(TMP_MEAN_RND1, reg_poly)2   327.18      92.06   3.554   0.0012 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.06 on 32 degrees of freedom
Multiple R-squared:  0.2979,    Adjusted R-squared:  0.254
F-statistic: 6.787 on 2 and 32 DF,  p-value: 0.00349

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht:
M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-140.51  -86.14   11.94   73.96  133.72

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7326.08      28.93 253.246   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    43.37     100.21   0.433   0.6753
poly(TMP_MEAN_RND1, reg_poly)2   199.48     100.21   1.991   0.0777 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 100.2 on 9 degrees of freedom
Multiple R-squared:  0.3156,    Adjusted R-squared:  0.1635
F-statistic: 2.075 on 2 and 9 DF,  p-value: 0.1815

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-338.96  -83.32    5.00   88.50  288.95

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7905.24      12.47 633.988  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   155.40     136.59   1.138    0.258
poly(TMP_MEAN_RND1, reg_poly)2   604.83     136.59   4.428 2.15e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 136.6 on 117 degrees of freedom
Multiple R-squared:  0.1516,    Adjusted R-squared:  0.1371
F-statistic: 10.45 on 2 and 117 DF,  p-value: 6.669e-05

------------------------------------------------------------------------
```

```
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-244.480  -71.092    6.738   69.199  193.072

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7809.78      14.04 556.113  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    65.72     108.78   0.604 0.548121
poly(TMP_MEAN_RND1, reg_poly)2   446.38     108.78   4.103 0.000131 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 108.8 on 57 degrees of freedom
Multiple R-squared:  0.2318,    Adjusted R-squared:  0.2049
F-statistic: 8.602 on 2 and 57 DF,  p-value: 0.0005437

--------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-194.69  -54.07   19.86   69.94  160.64

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7760.19      16.28 476.716  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    67.74      97.67   0.694  0.49283
poly(TMP_MEAN_RND1, reg_poly)2   336.83      97.67   3.449  0.00156 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 97.67 on 33 degrees of freedom
Multiple R-squared:  0.2727,    Adjusted R-squared:  0.2286
F-statistic: 6.187 on 2 and 33 DF,  p-value: 0.005226

--------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht:
M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-150.17  -68.63   23.97   64.85  120.61

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7716.25      28.81 267.839   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    56.64      99.80   0.568   0.5842
poly(TMP_MEAN_RND1, reg_poly)2   185.96      99.80   1.863   0.0953 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 99.8 on 9 degrees of freedom
Multiple R-squared:  0.2966,    Adjusted R-squared:  0.1402
F-statistic: 1.897 on 2 and 9 DF,  p-value: 0.2054

--------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
```

```
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-33.44 -24.90 -10.42  20.37  84.61

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   919.073      2.929 313.802  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  129.681     30.718   4.222  5.1e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2   24.102     30.718   0.785    0.434
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 30.72 on 107 degrees of freedom
Multiple R-squared:  0.147, Adjusted R-squared:  0.131
F-statistic: 9.219 on 2 and 107 DF,  p-value: 0.0002023

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-27.46 -22.14 -11.37  19.01  57.44

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   912.073      3.521 259.055  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   95.179     26.111   3.645 0.000618 ***
poly(TMP_MEAN_RND1, reg_poly)2  -28.118     26.111  -1.077 0.286510
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 26.11 on 52 degrees of freedom
Multiple R-squared:  0.2174,    Adjusted R-squared:  0.1873
F-statistic: 7.224 on 2 and 52 DF,  p-value: 0.001705

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-26.54 -21.43 -11.26  21.12  57.03

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   911.000      4.646 196.086  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   74.358     26.689   2.786  0.00916 **
poly(TMP_MEAN_RND1, reg_poly)2  -25.184     26.689  -0.944  0.35291
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 26.69 on 30 degrees of freedom
Multiple R-squared:  0.2239,    Adjusted R-squared:  0.1721
F-statistic: 4.326 on 2 and 30 DF,  p-value: 0.02234

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
```

```
-26.52 -21.31 -11.12  18.50  56.98

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   910.909      9.018 101.011 1.03e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1   43.177     29.909   1.444    0.187
poly(TMP_MEAN_RND1, reg_poly)2  -15.175     29.909  -0.507    0.626
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 29.91 on 8 degrees of freedom
Multiple R-squared:  0.2264,    Adjusted R-squared:  0.03302
F-statistic: 1.171 on 2 and 8 DF,  p-value: 0.3581

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-79.33 -45.14 -15.64  44.36 154.06

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1834.800      5.661 324.094  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  234.988     59.376   3.958 0.000137 ***
poly(TMP_MEAN_RND1, reg_poly)2   46.019     59.376   0.775 0.440029
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 59.38 on 107 degrees of freedom
Multiple R-squared:  0.1319,    Adjusted R-squared:  0.1157
F-statistic: 8.132 on 2 and 107 DF,  p-value: 0.0005158

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-65.40 -40.13 -15.39  46.00 111.21

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1821.018      7.082 257.145  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  166.772     52.519   3.175  0.00252 **
poly(TMP_MEAN_RND1, reg_poly)2  -44.434     52.519  -0.846  0.40140
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 52.52 on 52 degrees of freedom
Multiple R-squared:  0.172, Adjusted R-squared:  0.1401
F-statistic:   5.4 on 2 and 52 DF,  p-value: 0.0074

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-62.71 -43.14 -14.84  52.07 107.84

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1817.939      9.374 193.937   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  132.307     53.849   2.457    0.020 *
poly(TMP_MEAN_RND1, reg_poly)2  -45.212     53.849  -0.840    0.408
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 53.85 on 30 degrees of freedom
Multiple R-squared:  0.1835,    Adjusted R-squared:  0.1291
F-statistic: 3.371 on 2 and 30 DF,  p-value: 0.0478

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht:
M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-62.53 -41.37 -14.55  36.72 108.16

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1817.73      18.26  99.548 1.16e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1    76.53      60.56   1.264    0.242
poly(TMP_MEAN_RND1, reg_poly)2   -25.74      60.56  -0.425    0.682
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 60.56 on 8 degrees of freedom
Multiple R-squared:  0.1818,    Adjusted R-squared:  -0.02276
F-statistic: 0.8887 on 2 and 8 DF,  p-value: 0.4482

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-108.08  -61.61  -16.34   67.71  206.39

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2750.87       7.87 349.557  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   349.90      82.54   4.239 4.77e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2   120.49      82.54   1.460    0.147
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 82.54 on 107 degrees of freedom
Multiple R-squared:  0.1582,    Adjusted R-squared:  0.1424
F-statistic: 10.05 on 2 and 107 DF,  p-value: 9.996e-05

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-86.83 -53.25 -27.88  58.62 143.75

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2730.127      9.577 285.070   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  245.496     71.025   3.456   0.0011 **
```

```
poly(TMP_MEAN_RND1, reg_poly)2  -22.269     71.025  -0.314   0.7551
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 71.03 on 52 degrees of freedom
Multiple R-squared:  0.1881,    Adjusted R-squared:  0.1568
F-statistic: 6.023 on 2 and 52 DF,  p-value: 0.00444

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-82.26 -60.38 -26.22  69.41 145.38

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2725.24      12.74 213.948   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   192.85      73.17   2.636   0.0132 *
poly(TMP_MEAN_RND1, reg_poly)2   -33.08      73.17  -0.452   0.6545
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 73.17 on 30 degrees of freedom
Multiple R-squared:  0.1925,    Adjusted R-squared:  0.1386
F-statistic: 3.575 on 2 and 30 DF,  p-value: 0.04049

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht:
M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-79.88 -58.60 -25.87  49.02 145.75

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2724.82      24.74 110.125 5.17e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   111.54      82.06   1.359    0.211
poly(TMP_MEAN_RND1, reg_poly)2   -19.39      82.06  -0.236    0.819
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 82.06 on 8 degrees of freedom
Multiple R-squared:  0.1922,    Adjusted R-squared:  -0.009783
F-statistic: 0.9516 on 2 and 8 DF,  p-value: 0.4259

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-149.455  -81.341   -7.594   92.695  284.406

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3667.97      10.27 357.177  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   428.72     107.71   3.980 0.000126 ***
poly(TMP_MEAN_RND1, reg_poly)2   166.62     107.71   1.547 0.124810
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 107.7 on 107 degrees of freedom
Multiple R-squared:  0.1456,    Adjusted R-squared:  0.1297
F-statistic: 9.119 on 2 and 107 DF,  p-value: 0.0002205

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-115.56  -73.05  -21.43   67.77  161.22

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3638.44      12.26 296.828  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   283.34      90.91   3.117  0.00298 **
poly(TMP_MEAN_RND1, reg_poly)2   -31.98      90.91  -0.352  0.72645
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 90.91 on 52 degrees of freedom
Multiple R-squared:  0.1591,    Adjusted R-squared:  0.1268
F-statistic: 4.919 on 2 and 52 DF,  p-value: 0.01105

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-108.07  -68.26  -42.98   83.21  165.56

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3630.52      16.17 224.504   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   225.83      92.90   2.431   0.0212 *
poly(TMP_MEAN_RND1, reg_poly)2   -50.80      92.90  -0.547   0.5885
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.9 on 30 degrees of freedom
Multiple R-squared:  0.1715,    Adjusted R-squared:  0.1162
F-statistic: 3.104 on 2 and 30 DF,  p-value: 0.05951

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht:
M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-103.66  -74.28  -44.11   78.04  165.59

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3628.55      31.91 113.700    4e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   124.74     105.84   1.178    0.272
poly(TMP_MEAN_RND1, reg_poly)2   -30.43     105.84  -0.288    0.781
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 105.8 on 8 degrees of freedom
Multiple R-squared:  0.1554,    Adjusted R-squared:  -0.0558
```

```
F-statistic: 0.7357 on 2 and 8 DF,  p-value: 0.509

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-160.13  -88.38  -17.89   96.70  306.61

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3870.29      11.03 351.027  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   446.77     115.64   3.864 0.000192 ***
poly(TMP_MEAN_RND1, reg_poly)2   160.01     115.64   1.384 0.169336
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 115.6 on 107 degrees of freedom
Multiple R-squared:  0.136, Adjusted R-squared:  0.1198
F-statistic: 8.421 on 2 and 107 DF,  p-value: 0.0004015

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-122.60  -85.72  -20.00   68.23  180.38

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3838.35      13.22 290.355  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   287.93      98.04   2.937  0.00493 **
poly(TMP_MEAN_RND1, reg_poly)2   -58.58      98.04  -0.598  0.55276
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 98.04 on 52 degrees of freedom
Multiple R-squared:  0.1473,    Adjusted R-squared:  0.1145
F-statistic: 4.491 on 2 and 52 DF,  p-value: 0.01587

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-115.01  -80.92  -47.44   83.72  184.92

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3829.82      17.41 219.957   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   233.50     100.02   2.334   0.0265 *
poly(TMP_MEAN_RND1, reg_poly)2   -75.84     100.02  -0.758   0.4542
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 100 on 30 degrees of freedom
Multiple R-squared:  0.1672,    Adjusted R-squared:  0.1117
F-statistic: 3.012 on 2 and 30 DF,  p-value: 0.06425

------------------------------------------------------------------------------
```

```
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht:
M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-110.39  -80.75  -48.47   81.64  186.41

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3827.09      34.38 111.304 4.74e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   127.40     114.04   1.117    0.296
poly(TMP_MEAN_RND1, reg_poly)2   -45.26     114.04  -0.397    0.702
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 114 on 8 degrees of freedom
Multiple R-squared:  0.1494,    Adjusted R-squared:  -0.06319
F-statistic: 0.7028 on 2 and 8 DF,  p-value: 0.5234

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-192.13  -97.51  -37.38  101.38  377.61

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4592.45      12.41 369.914  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   500.62     130.21   3.845 0.000205 ***
poly(TMP_MEAN_RND1, reg_poly)2   218.97     130.21   1.682 0.095546 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 130.2 on 107 degrees of freedom
Multiple R-squared:  0.1413,    Adjusted R-squared:  0.1253
F-statistic: 8.805 on 2 and 107 DF,  p-value: 0.0002884

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-141.96 -108.13  -25.39   82.87  187.03

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4551.00      14.56 312.627   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   304.92     107.96   2.824   0.0067 **
poly(TMP_MEAN_RND1, reg_poly)2   -71.71     107.96  -0.664   0.5095
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 108 on 52 degrees of freedom
Multiple R-squared:  0.1393,    Adjusted R-squared:  0.1062
F-statistic: 4.209 on 2 and 52 DF,  p-value: 0.02022

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
```

```
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-132.12  -99.86  -35.90   91.71  186.48

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4539.48      19.00 238.877   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   253.07     109.17   2.318   0.0274 *
poly(TMP_MEAN_RND1, reg_poly)2   -95.84     109.17  -0.878   0.3870
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 109.2 on 30 degrees of freedom
Multiple R-squared:   0.17, Adjusted R-squared:  0.1147
F-statistic: 3.072 on 2 and 30 DF,  p-value: 0.06111

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht:
M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-126.31  -98.83  -32.66   95.95  188.34

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4536.18      37.61 120.618  2.5e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   136.17     124.73   1.092    0.307
poly(TMP_MEAN_RND1, reg_poly)2   -56.48     124.73  -0.453    0.663
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 124.7 on 8 degrees of freedom
Multiple R-squared:  0.1487,    Adjusted R-squared:  -0.06419
F-statistic: 0.6984 on 2 and 8 DF,  p-value: 0.5253

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-230.28 -117.76  -23.63   94.74  483.48

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5521.79      15.15 364.469  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   571.29     158.90   3.595 0.000492 ***
poly(TMP_MEAN_RND1, reg_poly)2   325.66     158.90   2.049 0.042860 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 158.9 on 107 degrees of freedom
Multiple R-squared:  0.138, Adjusted R-squared:  0.1219
F-statistic: 8.564 on 2 and 107 DF,  p-value: 0.000355

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
```

```
    Min      1Q  Median      3Q     Max
-170.08 -119.34  -31.79  115.68  238.63

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5466.13      17.69 309.068   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   304.78     131.16   2.324   0.0241 *
poly(TMP_MEAN_RND1, reg_poly)2   -82.32     131.16  -0.628   0.5330
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 131.2 on 52 degrees of freedom
Multiple R-squared:  0.1002,    Adjusted R-squared:  0.06564
F-statistic: 2.897 on 2 and 52 DF,  p-value: 0.06416

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-157.71 -107.55  -63.96  123.89  245.62

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5451.27      22.99 237.158   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   248.35     132.04   1.881   0.0697 .
poly(TMP_MEAN_RND1, reg_poly)2  -113.80     132.04  -0.862   0.3956
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 132 on 30 degrees of freedom
Multiple R-squared:  0.1249,    Adjusted R-squared:  0.06652
F-statistic:  2.14 on 2 and 30 DF,  p-value: 0.1353

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht:
M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-148.66 -103.85  -63.89  124.01  247.74

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5446.09      45.24 120.384 2.53e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   129.47     150.04   0.863    0.413
poly(TMP_MEAN_RND1, reg_poly)2   -67.50     150.04  -0.450    0.665
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 150 on 8 degrees of freedom
Multiple R-squared:  0.1058,    Adjusted R-squared:  -0.1177
F-statistic: 0.4735 on 2 and 8 DF,  p-value: 0.6392

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-304.78 -156.54    8.84  120.09  568.16
```

```
Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6458.18      17.55 367.977  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   737.52     184.07   4.007 0.000114 ***
poly(TMP_MEAN_RND1, reg_poly)2   597.92     184.07   3.248 0.001551 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 184.1 on 107 degrees of freedom
Multiple R-squared:  0.1991,    Adjusted R-squared:  0.1842
F-statistic:  13.3 on 2 and 107 DF,  p-value: 6.925e-06

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-216.83 -120.66  -42.57  115.58  286.29

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6376.71      20.01 318.599   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   394.56     148.43   2.658   0.0104 *
poly(TMP_MEAN_RND1, reg_poly)2    66.25     148.43   0.446   0.6572
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 148.4 on 52 degrees of freedom
Multiple R-squared:  0.1226,    Adjusted R-squared:  0.08884
F-statistic: 3.632 on 2 and 52 DF,  p-value: 0.03337

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-194.72 -119.89  -58.45  114.28  273.86

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6354.12      25.62 248.034   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   298.32     147.16   2.027   0.0516 .
poly(TMP_MEAN_RND1, reg_poly)2   -17.36     147.16  -0.118   0.9069
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 147.2 on 30 degrees of freedom
Multiple R-squared:  0.1208,    Adjusted R-squared:  0.06222
F-statistic: 2.062 on 2 and 30 DF,  p-value: 0.1449

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht:
M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-180.66 -117.73  -57.65  128.27  280.21

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6344.91      50.69 125.173 1.85e-14 ***
```

```
poly(TMP_MEAN_RND1, reg_poly)1   149.08     168.12   0.887    0.401
poly(TMP_MEAN_RND1, reg_poly)2   -10.84     168.12  -0.064    0.950
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 168.1 on 8 degrees of freedom
Multiple R-squared:  0.08993,   Adjusted R-squared:  -0.1376
F-statistic: 0.3953 on 2 and 8 DF,  p-value: 0.686

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-366.03 -169.68   17.59  156.79  605.44

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7428.24      19.97 371.961  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   908.43     209.45   4.337 3.28e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2   890.68     209.45   4.252 4.54e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 209.5 on 107 degrees of freedom
Multiple R-squared:  0.2564,    Adjusted R-squared:  0.2425
F-statistic: 18.45 on 2 and 107 DF,  p-value: 1.308e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-243.39 -148.64  -41.47  115.78  345.17

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7309.6       21.6 338.385  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    539.7      160.2   3.369  0.00143 **
poly(TMP_MEAN_RND1, reg_poly)2    263.0      160.2   1.642  0.10668
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 160.2 on 52 degrees of freedom
Multiple R-squared:  0.2127,    Adjusted R-squared:  0.1824
F-statistic: 7.023 on 2 and 52 DF,  p-value: 0.001996

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-194.15 -129.15  -38.68  122.81  289.88

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7265.33      25.36 286.530   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   356.55     145.66   2.448   0.0204 *
poly(TMP_MEAN_RND1, reg_poly)2    76.49     145.66   0.525   0.6034
---
```

```
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 145.7 on 30 degrees of freedom
Multiple R-squared:  0.1728,    Adjusted R-squared:  0.1177
F-statistic: 3.134 on 2 and 30 DF,  p-value: 0.05808

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht:
M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-167.73 -115.57  -28.11  123.70  280.71

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7244.27      48.59 149.087 4.58e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1   178.50     161.16   1.108    0.300
poly(TMP_MEAN_RND1, reg_poly)2    32.47     161.16   0.201    0.845
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 161.2 on 8 degrees of freedom
Multiple R-squared:  0.1368,    Adjusted R-squared:  -0.07905
F-statistic: 0.6337 on 2 and 8 DF,  p-value: 0.5553

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-378.04 -174.98    4.42  155.06  587.71

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7834.32      19.15 409.137  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  1178.40     218.33   5.397 3.20e-07 ***
poly(TMP_MEAN_RND1, reg_poly)2  1086.67     218.33   4.977 2.05e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 218.3 on 127 degrees of freedom
Multiple R-squared:  0.298, Adjusted R-squared:  0.2869
F-statistic: 26.95 on 2 and 127 DF,  p-value: 1.751e-10

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-235.12 -117.59  -48.09  112.30  381.64

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7699.12      20.09 383.263  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   731.62     161.96   4.517 2.87e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2   405.23     161.96   2.502    0.015 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 162 on 62 degrees of freedom
```

```
Multiple R-squared:  0.3008,    Adjusted R-squared:  0.2782
F-statistic: 13.33 on 2 and 62 DF,  p-value: 1.526e-05

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-172.56 -112.78  -26.51  108.34  342.44

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7643.26      22.64 337.634  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   484.44     141.37   3.427  0.00154 **
poly(TMP_MEAN_RND1, reg_poly)2   191.41     141.37   1.354  0.18420
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 141.4 on 36 degrees of freedom
Multiple R-squared:  0.2738,    Adjusted R-squared:  0.2335
F-statistic: 6.788 on 2 and 36 DF,  p-value: 0.003152

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht:
M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-147.27  -94.19  -55.35   87.49  310.73

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7610.46      41.67 182.625   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   239.93     150.25   1.597    0.141
poly(TMP_MEAN_RND1, reg_poly)2    90.53     150.25   0.603    0.560
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 150.3 on 10 degrees of freedom
Multiple R-squared:  0.2256,    Adjusted R-squared:  0.07069
F-statistic: 1.456 on 2 and 10 DF,  p-value: 0.2785

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-32.232  -4.877  -1.358   9.149  22.050

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    895.93       1.09 822.176  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -19.82      12.43  -1.595    0.113
poly(TMP_MEAN_RND1, reg_poly)2    68.21      12.43   5.490  2.1e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 12.42 on 127 degrees of freedom
Multiple R-squared:  0.2047,    Adjusted R-squared:  0.1922
F-statistic: 16.34 on 2 and 127 DF,  p-value: 4.836e-07
```

```
------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-29.0295  -7.4396  -0.8053  10.6155  23.8230

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    894.292      1.692 528.496  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -16.652     13.643  -1.221 0.226872
poly(TMP_MEAN_RND1, reg_poly)2   55.811     13.643   4.091 0.000126 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 13.64 on 62 degrees of freedom
Multiple R-squared:  0.2272,    Adjusted R-squared:  0.2023
F-statistic: 9.113 on 2 and 62 DF,  p-value: 0.0003392

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-28.6603  -7.9181  -0.6499  10.6481  23.3551

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    893.897      2.245 398.232  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -11.173     14.018  -0.797  0.43064
poly(TMP_MEAN_RND1, reg_poly)2   44.030     14.018   3.141  0.00336 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 14.02 on 36 degrees of freedom
Multiple R-squared:  0.2258,    Adjusted R-squared:  0.1828
F-statistic: 5.251 on 2 and 36 DF,  p-value: 0.009979

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: M
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-26.939  -7.500  -1.808  10.663  22.912

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    893.385      4.319 206.831   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -6.426     15.574  -0.413    0.689
poly(TMP_MEAN_RND1, reg_poly)2   25.968     15.574   1.667    0.126
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 15.57 on 10 degrees of freedom
Multiple R-squared:  0.2278,    Adjusted R-squared:  0.0734
F-statistic: 1.475 on 2 and 10 DF,  p-value: 0.2745

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
```

```
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-45.801  -5.310   1.335  19.179  47.230

Coefficients:
                             Estimate Std. Error  t value Pr(>|t|)
(Intercept)                  1794.308      1.767 1015.558  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -31.029     20.145   -1.540    0.126
poly(TMP_MEAN_RND1, reg_poly)2  137.769     20.145    6.839 3.01e-10 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 20.14 on 127 degrees of freedom
Multiple R-squared:  0.279, Adjusted R-squared:  0.2676
F-statistic: 24.57 on 2 and 127 DF,  p-value: 9.528e-10

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-41.892 -14.767   2.066   9.144  30.401

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1790.323      2.696 664.167  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -25.802     21.733  -1.187     0.24
poly(TMP_MEAN_RND1, reg_poly)2  116.016     21.733   5.338 1.41e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 21.73 on 62 degrees of freedom
Multiple R-squared:  0.3254,    Adjusted R-squared:  0.3036
F-statistic: 14.95 on 2 and 62 DF,  p-value: 5.015e-06

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-40.678 -13.550   0.885  10.015  30.621

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1789.282      3.641 491.412  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -17.861     22.739  -0.785 0.437308
poly(TMP_MEAN_RND1, reg_poly)2   91.089     22.739   4.006 0.000296 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 22.74 on 36 degrees of freedom
Multiple R-squared:  0.3164,    Adjusted R-squared:  0.2784
F-statistic: 8.332 on 2 and 36 DF,  p-value: 0.001062

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht: M
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-38.705 -12.569   0.467  10.782  30.616

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1788.462      6.900 259.209   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -9.257     24.877  -0.372   0.7176
poly(TMP_MEAN_RND1, reg_poly)2   53.468     24.877   2.149   0.0571 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 24.88 on 10 degrees of freedom
Multiple R-squared:  0.3224,    Adjusted R-squared:  0.1869
F-statistic: 2.379 on 2 and 10 DF,  p-value: 0.1429

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-63.06 -15.16  -2.88  17.47  92.45

Coefficients:
                             Estimate Std. Error  t value Pr(>|t|)
(Intercept)                  2699.715      2.618 1031.092  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -15.309     29.853   -0.513    0.609
poly(TMP_MEAN_RND1, reg_poly)2  225.998     29.853    7.570 6.68e-12 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 29.85 on 127 degrees of freedom
Multiple R-squared:  0.3119,    Adjusted R-squared:  0.3011
F-statistic: 28.79 on 2 and 127 DF,  p-value: 4.897e-11

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-56.958 -11.103   0.637  13.764  56.139

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2693.046      3.747 718.759  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -25.970     30.208  -0.860    0.393
poly(TMP_MEAN_RND1, reg_poly)2  198.925     30.208   6.585 1.12e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 30.21 on 62 degrees of freedom
Multiple R-squared:  0.4157,    Adjusted R-squared:  0.3968
F-statistic: 22.05 on 2 and 62 DF,  p-value: 5.839e-08

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-55.479  -9.625   1.533  15.680  57.619

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2691.846      5.046 533.456  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -16.610     31.513  -0.527    0.601
poly(TMP_MEAN_RND1, reg_poly)2  155.594     31.513   4.938 1.82e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 31.51 on 36 degrees of freedom
Multiple R-squared:  0.4065,    Adjusted R-squared:  0.3735
F-statistic: 12.33 on 2 and 36 DF,  p-value: 8.348e-05

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht: M
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-54.836  -8.992  -0.180  16.027  56.272

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2691.308      9.546 281.917   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -8.770     34.420  -0.255   0.8041
poly(TMP_MEAN_RND1, reg_poly)2   89.701     34.420   2.606   0.0262 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 34.42 on 10 degrees of freedom
Multiple R-squared:  0.4068,    Adjusted R-squared:  0.2881
F-statistic: 3.428 on 2 and 10 DF,  p-value: 0.07348

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-88.623 -31.854  -5.811  36.541 153.151

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3612.97       3.95 914.641  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -60.29      45.04  -1.339    0.183
poly(TMP_MEAN_RND1, reg_poly)2   321.39      45.04   7.136 6.53e-11 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 45.04 on 127 degrees of freedom
Multiple R-squared:  0.2933,    Adjusted R-squared:  0.2822
F-statistic: 26.36 on 2 and 127 DF,  p-value: 2.665e-10

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-78.998 -25.178  -1.135  32.255  75.114

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3602.508      5.545 649.739  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -65.702     44.702  -1.470    0.147
poly(TMP_MEAN_RND1, reg_poly)2  290.220     44.702   6.492 1.61e-08 ***
```

```
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 44.7 on 62 degrees of freedom
Multiple R-squared:  0.4168,    Adjusted R-squared:  0.398
F-statistic: 22.16 on 2 and 62 DF,  p-value: 5.498e-08

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-77.194 -23.881  -3.156  34.110  76.924

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3601.026      7.467 482.237  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -46.789     46.634  -1.003    0.322
poly(TMP_MEAN_RND1, reg_poly)2  226.109     46.634   4.849 2.38e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 46.63 on 36 degrees of freedom
Multiple R-squared:  0.4051,    Adjusted R-squared:  0.3721
F-statistic: 12.26 on 2 and 36 DF,  p-value: 8.706e-05

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht: M
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-76.335 -23.528  -4.707  35.074  76.787

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3600.23      14.24 252.875   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -26.52      51.33  -0.517   0.6166
poly(TMP_MEAN_RND1, reg_poly)2   130.50      51.33   2.542   0.0293 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 51.33 on 10 degrees of freedom
Multiple R-squared:  0.4023,    Adjusted R-squared:  0.2827
F-statistic: 3.365 on 2 and 10 DF,  p-value: 0.0763

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-94.666 -37.649  -5.292  41.303 169.926

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3815.915      4.335 880.345  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -66.207     49.422  -1.340    0.183
poly(TMP_MEAN_RND1, reg_poly)2  347.161     49.422   7.024 1.16e-10 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 49.42 on 127 degrees of freedom
```

```
Multiple R-squared:  0.2871,    Adjusted R-squared:  0.2758
F-statistic: 25.57 on 2 and 127 DF,  p-value: 4.661e-10

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-84.054 -30.986  -1.986  36.320  81.803

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3804.400      6.016 632.382  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -72.023     48.502  -1.485    0.143
poly(TMP_MEAN_RND1, reg_poly)2  315.586     48.502   6.507 1.52e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 48.5 on 62 degrees of freedom
Multiple R-squared:  0.4181,    Adjusted R-squared:  0.3993
F-statistic: 22.27 on 2 and 62 DF,  p-value: 5.142e-08

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-82.024 -29.511  -3.721  38.654  83.829

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3802.744      8.116 468.549  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -51.145     50.684  -1.009     0.32
poly(TMP_MEAN_RND1, reg_poly)2  246.854     50.684   4.870 2.23e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 50.68 on 36 degrees of freedom
Multiple R-squared:  0.4073,    Adjusted R-squared:  0.3744
F-statistic: 12.37 on 2 and 36 DF,  p-value: 8.147e-05

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht: M
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-80.877 -28.821  -4.958  39.547  83.991

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3801.92      15.47 245.820   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -27.07      55.76  -0.485   0.6378
poly(TMP_MEAN_RND1, reg_poly)2   142.90      55.76   2.562   0.0283 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 55.76 on 10 degrees of freedom
Multiple R-squared:  0.4048,    Adjusted R-squared:  0.2858
F-statistic: 3.401 on 2 and 10 DF,  p-value: 0.07468

------------------------------------------------------------------------
```

```
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-121.03  -57.33  -10.24   51.44  224.00

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4529.115      5.647 802.104  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -81.368     64.380  -1.264    0.209
poly(TMP_MEAN_RND1, reg_poly)2  427.922     64.380   6.647 7.97e-10 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 64.38 on 127 degrees of freedom
Multiple R-squared:  0.2649,    Adjusted R-squared:  0.2534
F-statistic: 22.89 on 2 and 127 DF,  p-value: 3.245e-09

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-107.341  -47.677   -2.997   55.662  114.716

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4513.94       7.58 595.544  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -95.65      61.11  -1.565    0.123
poly(TMP_MEAN_RND1, reg_poly)2   393.45      61.11   6.439 1.99e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 61.11 on 62 degrees of freedom
Multiple R-squared:  0.4146,    Adjusted R-squared:  0.3957
F-statistic: 21.95 on 2 and 62 DF,  p-value: 6.191e-08

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-104.122  -50.704   -5.607   56.630  117.864

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4511.03      10.36 435.254  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -71.04      64.72  -1.098     0.28
poly(TMP_MEAN_RND1, reg_poly)2   312.25      64.72   4.824 2.57e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 64.72 on 36 degrees of freedom
Multiple R-squared:  0.4048,    Adjusted R-squared:  0.3717
F-statistic: 12.24 on 2 and 36 DF,  p-value: 8.8e-05

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht: M
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
     Min       1Q   Median       3Q      Max
-100.228  -50.317   -7.658   58.110  117.765

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4509.38      19.72 228.645   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -39.14      71.11  -0.550   0.5941
poly(TMP_MEAN_RND1, reg_poly)2   180.78      71.11   2.542   0.0292 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 71.11 on 10 degrees of freedom
Multiple R-squared:  0.4036,    Adjusted R-squared:  0.2843
F-statistic: 3.383 on 2 and 10 DF,  p-value: 0.07548

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-156.377  -73.528   -4.405   39.432  304.183

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  5452.223      7.198 757.416  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -73.583     82.075  -0.897    0.372
poly(TMP_MEAN_RND1, reg_poly)2  505.498     82.075   6.159 8.92e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 82.07 on 127 degrees of freedom
Multiple R-squared:  0.2337,    Adjusted R-squared:  0.2217
F-statistic: 19.37 on 2 and 127 DF,  p-value: 4.555e-08

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-133.359  -57.790   -5.923   62.712  135.957

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  5428.062      8.596 631.478  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -88.444     69.302  -1.276    0.207
poly(TMP_MEAN_RND1, reg_poly)2  478.710     69.302   6.908 3.11e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 69.3 on 62 degrees of freedom
Multiple R-squared:  0.4432,    Adjusted R-squared:  0.4252
F-statistic: 24.67 on 2 and 62 DF,  p-value: 1.311e-08

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-127.40  -53.67  -12.89   66.83  130.71

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5422.44      11.74 461.826  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -66.63      73.32  -0.909     0.37
poly(TMP_MEAN_RND1, reg_poly)2   389.09      73.32   5.306 5.87e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 73.32 on 36 degrees of freedom
Multiple R-squared:  0.446, Adjusted R-squared:  0.4152
F-statistic: 14.49 on 2 and 36 DF,  p-value: 2.415e-05

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht: M
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-121.63  -48.16  -15.36   68.44  101.42

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5417.38      21.88 247.583   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -33.67      78.89  -0.427   0.6786
poly(TMP_MEAN_RND1, reg_poly)2   229.81      78.89   2.913   0.0155 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 78.89 on 10 degrees of freedom
Multiple R-squared:  0.4643,    Adjusted R-squared:  0.3572
F-statistic: 4.334 on 2 and 10 DF,  p-value: 0.04412

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-203.56  -70.00   -8.84   52.13  391.58

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6383.038      9.189 694.602  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -21.984    104.776  -0.210    0.834
poly(TMP_MEAN_RND1, reg_poly)2  594.540    104.776   5.674 8.96e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 104.8 on 127 degrees of freedom
Multiple R-squared:  0.2025,    Adjusted R-squared:  0.1899
F-statistic: 16.12 on 2 and 127 DF,  p-value: 5.765e-07

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-164.50  -60.91  -10.95   49.51  209.27

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
```

```
(Intercept)                      6342.34      10.08 628.979  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -61.69      81.30  -0.759    0.451
poly(TMP_MEAN_RND1, reg_poly)2   550.81      81.30   6.775 5.26e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.3 on 62 degrees of freedom
Multiple R-squared:  0.4285,    Adjusted R-squared:   0.41
F-statistic: 23.24 on 2 and 62 DF,  p-value: 2.938e-08

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-153.513  -68.280   -2.315   55.630  176.001

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6330.92      13.03 486.019  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -56.06      81.35  -0.689    0.495
poly(TMP_MEAN_RND1, reg_poly)2   445.15      81.35   5.472 3.53e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.35 on 36 degrees of freedom
Multiple R-squared:  0.458, Adjusted R-squared:  0.4279
F-statistic: 15.21 on 2 and 36 DF,  p-value: 1.63e-05

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht: M
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-140.819  -56.995   -6.141   47.210  107.356

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6318.54      22.70 278.376  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -32.31      81.84  -0.395  0.70130
poly(TMP_MEAN_RND1, reg_poly)2   273.81      81.84   3.346  0.00742 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.84 on 10 degrees of freedom
Multiple R-squared:  0.5316,    Adjusted R-squared:  0.4379
F-statistic: 5.675 on 2 and 10 DF,  p-value: 0.02254

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-260.89  -96.12  -11.27   80.14  479.89

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7350.47      12.19 602.900  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   110.26     139.01   0.793    0.429
poly(TMP_MEAN_RND1, reg_poly)2   711.00     139.01   5.115 1.13e-06 ***
---
```

```
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 139 on 127 degrees of freedom
Multiple R-squared:  0.1742,    Adjusted R-squared:  0.1612
F-statistic: 13.39 on 2 and 127 DF,  p-value: 5.268e-06

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-200.50  -76.88  -10.27   54.92  337.04

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7288.72      13.96 522.067  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    38.20     112.56   0.339    0.735
poly(TMP_MEAN_RND1, reg_poly)2   621.29     112.56   5.520 7.09e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 112.6 on 62 degrees of freedom
Multiple R-squared:  0.3303,    Adjusted R-squared:  0.3087
F-statistic: 15.29 on 2 and 62 DF,  p-value: 3.998e-06

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-175.63  -72.08  -10.19   49.72  242.75

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7264.08      16.70 434.856  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    30.58     104.32   0.293    0.771
poly(TMP_MEAN_RND1, reg_poly)2   495.76     104.32   4.752 3.19e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 104.3 on 36 degrees of freedom
Multiple R-squared:  0.3864,    Adjusted R-squared:  0.3523
F-statistic: 11.34 on 2 and 36 DF,  p-value: 0.000152

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht: M
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-144.463  -64.718   -1.958   65.421  168.021

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7232.38      30.18 239.609   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    10.35     108.83   0.095   0.9261
poly(TMP_MEAN_RND1, reg_poly)2   310.02     108.83   2.849   0.0173 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 108.8 on 10 degrees of freedom
Multiple R-squared:  0.4482,    Adjusted R-squared:  0.3379
```

```
F-statistic: 4.062 on 2 and 10 DF,  p-value: 0.05114

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-285.25 -102.42  -13.58   75.88  522.31

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7784.85      13.79 564.717  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   174.96     157.18   1.113    0.268
poly(TMP_MEAN_RND1, reg_poly)2   772.55     157.18   4.915 2.68e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 157.2 on 127 degrees of freedom
Multiple R-squared:  0.1667,    Adjusted R-squared:  0.1535
F-statistic:  12.7 on 2 and 127 DF,  p-value: 9.385e-06

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-215.76  -81.91  -10.47   70.01  445.90

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7714.17      16.05 480.762  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    91.53     129.36   0.708    0.482
poly(TMP_MEAN_RND1, reg_poly)2   632.05     129.36   4.886  7.6e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 129.4 on 62 degrees of freedom
Multiple R-squared:  0.2822,    Adjusted R-squared:  0.259
F-statistic: 12.19 on 2 and 62 DF,  p-value: 3.441e-05

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-182.638  -66.189    2.934   55.650  288.250

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7681.13      18.06 425.286  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    74.85     112.79   0.664    0.511
poly(TMP_MEAN_RND1, reg_poly)2   498.39     112.79   4.419 8.74e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 112.8 on 36 degrees of freedom
Multiple R-squared:  0.3567,    Adjusted R-squared:  0.321
F-statistic: 9.982 on 2 and 36 DF,  p-value: 0.0003556

------------------------------------------------------------------------------
```

```
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht: M
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-144.57  -84.65  -15.00   71.64  169.06

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7637.69      32.29 236.514   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    44.87     116.43   0.385   0.7080
poly(TMP_MEAN_RND1, reg_poly)2   318.99     116.43   2.740   0.0208 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 116.4 on 10 degrees of freedom
Multiple R-squared:  0.4336,    Adjusted R-squared:  0.3203
F-statistic: 3.827 on 2 and 10 DF,  p-value: 0.05831

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-79.844 -28.385  -3.044  22.078 114.767

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1038.977      3.014 344.739  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -136.125     34.363  -3.961 0.000123 ***
poly(TMP_MEAN_RND1, reg_poly)2   50.912     34.363   1.482 0.140921
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 34.36 on 127 degrees of freedom
Multiple R-squared:  0.1235,    Adjusted R-squared:  0.1097
F-statistic: 8.944 on 2 and 127 DF,  p-value: 0.0002323

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-60.417 -15.326  -0.653  12.554  51.626

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1019.631      3.053 334.016  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -98.174     24.611  -3.989 0.000178 ***
poly(TMP_MEAN_RND1, reg_poly)2   33.894     24.611   1.377 0.173406
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 24.61 on 62 degrees of freedom
Multiple R-squared:  0.2231,    Adjusted R-squared:  0.1981
F-statistic: 8.904 on 2 and 62 DF,  p-value: 0.0003986

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
   Min     1Q Median     3Q    Max
-50.60 -15.07  -7.02  13.55  54.45

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1013.744      3.937 257.498   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -62.003     24.586  -2.522   0.0162 *
poly(TMP_MEAN_RND1, reg_poly)2   27.719     24.586   1.127   0.2670
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 24.59 on 36 degrees of freedom
Multiple R-squared:  0.1749,    Adjusted R-squared:  0.1291
F-statistic: 3.816 on 2 and 36 DF,  p-value: 0.03141

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-38.218 -11.044  -6.057   7.998  60.846

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1009.154      7.173 140.681   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -32.189     25.864  -1.245    0.242
poly(TMP_MEAN_RND1, reg_poly)2    6.010     25.864   0.232    0.821
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 25.86 on 10 degrees of freedom
Multiple R-squared:  0.1381,    Adjusted R-squared:  -0.03422
F-statistic: 0.8015 on 2 and 10 DF,  p-value: 0.4755

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-153.137  -55.658    2.462   33.096  196.705

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2069.415      6.057 341.655  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -186.253     69.061  -2.697  0.00795 **
poly(TMP_MEAN_RND1, reg_poly)2   95.451     69.061   1.382  0.16936
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 69.06 on 127 degrees of freedom
Multiple R-squared:  0.06744,   Adjusted R-squared:  0.05275
F-statistic: 4.592 on 2 and 127 DF,  p-value: 0.01187

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-102.47  -28.20   -9.66   35.09  101.50
```

```
Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2027.908      5.463 371.238   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -104.886     44.041  -2.382   0.0203 *
poly(TMP_MEAN_RND1, reg_poly)2   57.436     44.041   1.304   0.1970
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 44.04 on 62 degrees of freedom
Multiple R-squared:  0.1063,    Adjusted R-squared:  0.07745
F-statistic: 3.686 on 2 and 62 DF,  p-value: 0.03071

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-80.002 -17.250  -8.388  28.219  80.724

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2015.051      6.591 305.742   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -54.020     41.159  -1.312    0.198
poly(TMP_MEAN_RND1, reg_poly)2   41.424     41.159   1.006    0.321
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 41.16 on 36 degrees of freedom
Multiple R-squared:  0.07062,   Adjusted R-squared:  0.01899
F-statistic: 1.368 on 2 and 36 DF,  p-value: 0.2676

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-55.370 -14.053  -7.301   4.571  83.323

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2007.308     10.818 185.555   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -20.204     39.004  -0.518    0.616
poly(TMP_MEAN_RND1, reg_poly)2    5.215     39.004   0.134    0.896
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 39 on 10 degrees of freedom
Multiple R-squared:  0.02782,   Adjusted R-squared:  -0.1666
F-statistic: 0.1431 on 2 and 10 DF,  p-value: 0.8684

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-206.966  -80.553    1.271   53.676  274.066

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3102.646      9.026 343.759   <2e-16 ***
```

```
poly(TMP_MEAN_RND1, reg_poly)1 -228.778    102.908  -2.223    0.028 *
poly(TMP_MEAN_RND1, reg_poly)2  162.004    102.908   1.574    0.118
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 102.9 on 127 degrees of freedom
Multiple R-squared:  0.0552,    Adjusted R-squared:  0.04033
F-statistic:  3.71 on 2 and 127 DF,  p-value: 0.02716

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-123.51  -45.73  -13.79   51.61  155.27

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3038.400      7.907 384.260   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -97.670     63.749  -1.532    0.131
poly(TMP_MEAN_RND1, reg_poly)2  100.862     63.749   1.582    0.119
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 63.75 on 62 degrees of freedom
Multiple R-squared:  0.07256,   Adjusted R-squared:  0.04264
F-statistic: 2.425 on 2 and 62 DF,  p-value: 0.0968

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-94.511 -31.756  -7.785  41.044 112.129

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3017.128      8.926 337.997   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -44.427     55.746  -0.797    0.431
poly(TMP_MEAN_RND1, reg_poly)2   84.395     55.746   1.514    0.139
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 55.75 on 36 degrees of freedom
Multiple R-squared:  0.07519,   Adjusted R-squared:  0.02382
F-statistic: 1.464 on 2 and 36 DF,  p-value: 0.2449

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-63.31 -21.33 -10.59  12.95  89.91

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3005.77      13.53 222.195   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    -7.06      48.77  -0.145    0.888
poly(TMP_MEAN_RND1, reg_poly)2    32.08      48.77   0.658    0.526
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 48.77 on 10 degrees of freedom
Multiple R-squared:  0.04338,   Adjusted R-squared:  -0.1479
F-statistic: 0.2267 on 2 and 10 DF,  p-value: 0.8011

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-272.64 -121.67   -0.25   82.21  355.13

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4140.57      12.17 340.259   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -314.91     138.75  -2.270   0.0249 *
poly(TMP_MEAN_RND1, reg_poly)2   253.67     138.75   1.828   0.0699 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 138.7 on 127 degrees of freedom
Multiple R-squared:  0.06269,   Adjusted R-squared:  0.04793
F-statistic: 4.247 on 2 and 127 DF,  p-value: 0.01639

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-145.72  -58.93  -31.28   68.47  211.17

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4049.45      10.43 388.354   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -107.34      84.07  -1.277   0.2064
poly(TMP_MEAN_RND1, reg_poly)2   149.99      84.07   1.784   0.0793 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 84.07 on 62 degrees of freedom
Multiple R-squared:  0.07204,   Adjusted R-squared:  0.04211
F-statistic: 2.407 on 2 and 62 DF,  p-value: 0.09848

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-110.873  -44.097   -9.731   51.825  142.427

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4019.00      11.27 356.658   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -52.10      70.37  -0.740   0.4639
poly(TMP_MEAN_RND1, reg_poly)2   132.18      70.37   1.878   0.0685 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 70.37 on 36 degrees of freedom
Multiple R-squared:  0.1017,    Adjusted R-squared:  0.0518
```

```
F-statistic: 2.038 on 2 and 36 DF,  p-value: 0.145

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-84.627 -24.287  -2.613  11.809 102.601

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4003.308     16.626 240.784   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -5.295     59.946  -0.088    0.931
poly(TMP_MEAN_RND1, reg_poly)2   62.603     59.946   1.044    0.321
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 59.95 on 10 degrees of freedom
Multiple R-squared:  0.09897,   Adjusted R-squared:  -0.08124
F-statistic: 0.5492 on 2 and 10 DF,  p-value: 0.5939

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-286.90 -127.76   -1.75   87.85  374.10

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4368.25      12.88 339.092   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -338.01     146.88  -2.301   0.0230 *
poly(TMP_MEAN_RND1, reg_poly)2   262.34     146.88   1.786   0.0765 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 146.9 on 127 degrees of freedom
Multiple R-squared:  0.06263,   Adjusted R-squared:  0.04787
F-statistic: 4.243 on 2 and 127 DF,  p-value: 0.01645

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-151.09  -62.64  -33.10   68.45  221.47

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4270.94      10.99 388.488   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -114.35      88.63  -1.290   0.2018
poly(TMP_MEAN_RND1, reg_poly)2   154.49      88.63   1.743   0.0863 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 88.63 on 62 degrees of freedom
Multiple R-squared:  0.0705,    Adjusted R-squared:  0.04051
F-statistic: 2.351 on 2 and 62 DF,  p-value: 0.1037

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
```

```
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-114.63  -45.59  -12.37   56.00  156.16

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4238.72      11.89 356.532   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -58.32      74.25  -0.786   0.4373
poly(TMP_MEAN_RND1, reg_poly)2   135.39      74.25   1.824   0.0765 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 74.25 on 36 degrees of freedom
Multiple R-squared:  0.0987,    Adjusted R-squared:  0.04863
F-statistic: 1.971 on 2 and 36 DF,  p-value: 0.154

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-88.076 -27.207  -1.273  17.835 106.439

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4221.462     17.179 245.733   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -7.652     61.940  -0.124    0.904
poly(TMP_MEAN_RND1, reg_poly)2   63.428     61.940   1.024    0.330
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 61.94 on 10 degrees of freedom
Multiple R-squared:  0.09616,   Adjusted R-squared:  -0.08461
F-statistic: 0.5319 on 2 and 10 DF,  p-value: 0.6032

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-338.90 -161.11   -5.83  116.52  435.70

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5184.8       15.4 336.584   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -409.1      175.6  -2.329   0.0214 *
poly(TMP_MEAN_RND1, reg_poly)2    323.1      175.6   1.840   0.0681 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 175.6 on 127 degrees of freedom
Multiple R-squared:  0.06487,   Adjusted R-squared:  0.05014
F-statistic: 4.405 on 2 and 127 DF,  p-value: 0.01414

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-165.88  -65.50  -30.03   75.90  256.03

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5063.66      12.91 392.082   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -128.28     104.12  -1.232   0.2226
poly(TMP_MEAN_RND1, reg_poly)2   180.06     104.12   1.729   0.0887 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 104.1 on 62 degrees of freedom
Multiple R-squared:  0.06779,   Adjusted R-squared:  0.03772
F-statistic: 2.254 on 2 and 62 DF,  p-value: 0.1135

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-125.170  -50.114   -9.988   60.605  177.240

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5023.59      13.58 369.994   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -69.68      84.79  -0.822   0.4166
poly(TMP_MEAN_RND1, reg_poly)2   165.38      84.79   1.950   0.0589 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 84.79 on 36 degrees of freedom
Multiple R-squared:  0.1107,    Adjusted R-squared:  0.06126
F-statistic:  2.24 on 2 and 36 DF,  p-value: 0.1211

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-108.519  -37.473    4.459   16.656  117.128

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5002.08      19.59 255.275   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -14.20      70.65  -0.201    0.845
poly(TMP_MEAN_RND1, reg_poly)2    77.88      70.65   1.102    0.296
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 70.65 on 10 degrees of freedom
Multiple R-squared:  0.1115,    Adjusted R-squared:  -0.06615
F-statistic: 0.6277 on 2 and 10 DF,  p-value: 0.5536

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-413.33 -192.96    3.44  136.37  525.64
```

```
Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6233.43      18.77 332.134   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -503.53     213.99  -2.353   0.0202 *
poly(TMP_MEAN_RND1, reg_poly)2   385.51     213.99   1.802   0.0740 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 214 on 127 degrees of freedom
Multiple R-squared:  0.06468,   Adjusted R-squared:  0.04995
F-statistic: 4.391 on 2 and 127 DF,  p-value: 0.01432

--------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-189.870 -100.758    1.373   86.989  297.122

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6079.31      15.34 396.324   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -163.20     123.67  -1.320    0.192
poly(TMP_MEAN_RND1, reg_poly)2   174.62     123.67   1.412    0.163
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 123.7 on 62 degrees of freedom
Multiple R-squared:  0.05682,   Adjusted R-squared:  0.0264
F-statistic: 1.868 on 2 and 62 DF,  p-value: 0.1631

--------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-155.10  -58.98  -21.93   63.55  199.28

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6030.95      16.09 374.822   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -93.27     100.48  -0.928    0.359
poly(TMP_MEAN_RND1, reg_poly)2   167.50     100.48   1.667    0.104
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 100.5 on 36 degrees of freedom
Multiple R-squared:  0.09184,   Adjusted R-squared:  0.04138
F-statistic:  1.82 on 2 and 36 DF,  p-value: 0.1766

--------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-133.072  -39.309   -2.179   13.080  136.931

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5997.15      22.73 263.876   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -18.00      81.94  -0.220    0.831
```

```
poly(TMP_MEAN_RND1, reg_poly)2    87.60      81.94   1.069    0.310
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 81.94 on 10 degrees of freedom
Multiple R-squared:  0.1064,    Adjusted R-squared:  -0.07229
F-statistic: 0.5955 on 2 and 10 DF,  p-value: 0.5697

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-482.3 -177.4  -14.8  155.5  613.0

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7298.16      22.16 329.405   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -481.33     250.66  -1.920   0.0571 .
poly(TMP_MEAN_RND1, reg_poly)2   533.16     250.66   2.127   0.0354 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 250.7 on 125 degrees of freedom
Multiple R-squared:  0.06164,   Adjusted R-squared:  0.04663
F-statistic: 4.106 on 2 and 125 DF,  p-value: 0.01875

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-230.40 -122.11   -9.74  102.88  320.01

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7113.62      17.76 400.596   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -115.15     140.95  -0.817   0.4172
poly(TMP_MEAN_RND1, reg_poly)2   255.26     140.95   1.811   0.0751 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 140.9 on 60 degrees of freedom
Multiple R-squared:  0.06173,   Adjusted R-squared:  0.03045
F-statistic: 1.974 on 2 and 60 DF,  p-value: 0.1479

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-210.41  -71.59  -35.04   65.41  256.20

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7056.95      18.24 386.909   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -12.79     110.95  -0.115   0.9089
poly(TMP_MEAN_RND1, reg_poly)2   259.29     110.95   2.337   0.0255 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 110.9 on 34 degrees of freedom
Multiple R-squared:  0.1387,    Adjusted R-squared:  0.08804
F-statistic: 2.738 on 2 and 34 DF,  p-value: 0.07899

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-84.126 -39.045  -9.114  19.608 125.315

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7008.08      20.98 334.068   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    40.33      72.67   0.555   0.5925
poly(TMP_MEAN_RND1, reg_poly)2   171.14      72.67   2.355   0.0429 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 72.67 on 9 degrees of freedom
Multiple R-squared:  0.3941,    Adjusted R-squared:  0.2595
F-statistic: 2.927 on 2 and 9 DF,  p-value: 0.1049

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-552.60 -222.99  -22.25  170.46  717.83

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8378.89      25.91 323.405   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -636.54     294.26  -2.163   0.0324 *
poly(TMP_MEAN_RND1, reg_poly)2   493.45     294.26   1.677   0.0960 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 294.3 on 126 degrees of freedom
Multiple R-squared:  0.05612,   Adjusted R-squared:  0.04114
F-statistic: 3.746 on 2 and 126 DF,  p-value: 0.02629

------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-310.5 -144.4   -3.0  122.5  348.4

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8161.53      21.08 387.124   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -240.57     168.66  -1.426    0.159
poly(TMP_MEAN_RND1, reg_poly)2   208.50     168.66   1.236    0.221
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 168.7 on 61 degrees of freedom
Multiple R-squared:  0.05518,   Adjusted R-squared:  0.02421
F-statistic: 1.781 on 2 and 61 DF,  p-value: 0.1771
```

```
------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-261.78  -91.84  -57.61  111.14  275.16

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8085.53      22.65 356.960   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -94.61     139.63  -0.678    0.502
poly(TMP_MEAN_RND1, reg_poly)2   194.74     139.63   1.395    0.172
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 139.6 on 35 degrees of freedom
Multiple R-squared:  0.06428,   Adjusted R-squared:  0.01081
F-statistic: 1.202 on 2 and 35 DF,  p-value: 0.3127

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-204.904  -39.483  -15.531    4.673  174.780

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8009.69      30.86 259.524   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -18.81     111.28  -0.169    0.869
poly(TMP_MEAN_RND1, reg_poly)2   124.95     111.28   1.123    0.288
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 111.3 on 10 degrees of freedom
Multiple R-squared:  0.1142,    Adjusted R-squared:  -0.06294
F-statistic: 0.6447 on 2 and 10 DF,  p-value: 0.5453

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-593.11 -233.60  -24.66  190.57  757.16

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8850.36      27.22 325.136   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -689.24     310.36  -2.221   0.0281 *
poly(TMP_MEAN_RND1, reg_poly)2   525.56     310.36   1.693   0.0928 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 310.4 on 127 degrees of freedom
Multiple R-squared:  0.05786,   Adjusted R-squared:  0.04302
F-statistic:   3.9 on 2 and 127 DF,  p-value: 0.02272

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
```

```
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-316.1 -154.7    0.1  112.5  376.4

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8623.12      22.19 388.598   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -278.22     178.90  -1.555    0.125
poly(TMP_MEAN_RND1, reg_poly)2   249.45     178.90   1.394    0.168
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 178.9 on 62 degrees of freedom
Multiple R-squared:  0.06574,   Adjusted R-squared:  0.0356
F-statistic: 2.181 on 2 and 62 DF,  p-value: 0.1215

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-259.15  -90.46  -40.63  118.33  279.65

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8536.21      23.17 368.419   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -107.18     144.70  -0.741    0.464
poly(TMP_MEAN_RND1, reg_poly)2   218.01     144.70   1.507    0.141
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 144.7 on 36 degrees of freedom
Multiple R-squared:  0.07261,   Adjusted R-squared:  0.02109
F-statistic: 1.409 on 2 and 36 DF,  p-value: 0.2575

------------------------------------------------------------------------------
Wettbewerb: Berlin; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-200.118  -65.595  -12.455    6.812  173.124

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8455.69      33.01 256.190   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -20.52     119.00  -0.172    0.867
poly(TMP_MEAN_RND1, reg_poly)2   140.74     119.00   1.183    0.264
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 119 on 10 degrees of freedom
Multiple R-squared:  0.125, Adjusted R-squared:  -0.05001
F-statistic: 0.7142 on 2 and 10 DF,  p-value: 0.5129

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
```

```
   Min     1Q Median     3Q    Max
-69.63 -11.56   4.78  15.08  57.44

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1001.120      2.477 404.157  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -66.187     24.771  -2.672  0.00884 **
poly(TMP_MEAN_RND1, reg_poly)2   14.226     24.771   0.574  0.56708
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 24.77 on 97 degrees of freedom
Multiple R-squared:  0.0715,    Adjusted R-squared:  0.05236
F-statistic: 3.735 on 2 and 97 DF,  p-value: 0.02738

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-64.599  -5.508   5.733  14.145  27.892

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   993.660      2.940 338.003  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -88.808     20.787  -4.272 9.36e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2   -9.841     20.787  -0.473    0.638
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 20.79 on 47 degrees of freedom
Multiple R-squared:  0.2822,    Adjusted R-squared:  0.2516
F-statistic: 9.238 on 2 and 47 DF,  p-value: 0.0004135

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-61.654  -5.870   5.369  13.342  23.809

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   991.633      4.091 242.396   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -55.201     22.407  -2.464   0.0204 *
poly(TMP_MEAN_RND1, reg_poly)2   -1.936     22.407  -0.086   0.9318
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 22.41 on 27 degrees of freedom
Multiple R-squared:  0.1837,    Adjusted R-squared:  0.1232
F-statistic: 3.038 on 2 and 27 DF,  p-value: 0.06455

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-60.097  -4.334   3.514  14.479  25.391

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    991.200      8.659 114.468 1.02e-12 ***
poly(TMP_MEAN_RND1, reg_poly)1  -26.525     27.383  -0.969    0.365
poly(TMP_MEAN_RND1, reg_poly)2    3.363     27.383   0.123    0.906
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 27.38 on 7 degrees of freedom
Multiple R-squared:  0.1199,    Adjusted R-squared:  -0.1316
F-statistic: 0.4767 on 2 and 7 DF,  p-value: 0.6396

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-130.162  -26.660   -3.283   38.601  128.095

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2007.310      5.259 381.699   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -64.589     52.589  -1.228    0.222
poly(TMP_MEAN_RND1, reg_poly)2    9.165     52.589   0.174    0.862
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 52.59 on 97 degrees of freedom
Multiple R-squared:  0.01562,   Adjusted R-squared:  -0.00468
F-statistic: 0.7694 on 2 and 97 DF,  p-value: 0.4661

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-115.129  -23.879    4.483   27.669   82.417

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1988.780      6.167 322.467  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -120.500     43.610  -2.763  0.00815 **
poly(TMP_MEAN_RND1, reg_poly)2  -20.591     43.610  -0.472  0.63900
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 43.61 on 47 degrees of freedom
Multiple R-squared:  0.1432,    Adjusted R-squared:  0.1068
F-statistic: 3.929 on 2 and 47 DF,  p-value: 0.02644

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-109.525  -18.525    9.748   28.638   62.652

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1984.267      8.134 243.944   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -55.457     44.552  -1.245    0.224
```

```
poly(TMP_MEAN_RND1, reg_poly)2  -11.570     44.552  -0.260    0.797
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 44.55 on 27 degrees of freedom
Multiple R-squared:  0.0565,    Adjusted R-squared:  -0.01339
F-statistic: 0.8084 on 2 and 27 DF,  p-value: 0.456

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-107.589  -13.362    6.972   26.644   63.288

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1984.500     16.708 118.774 7.91e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1  -21.934     52.836  -0.415    0.690
poly(TMP_MEAN_RND1, reg_poly)2    1.993     52.836   0.038    0.971
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 52.84 on 7 degrees of freedom
Multiple R-squared:  0.02422,   Adjusted R-squared:  -0.2546
F-statistic: 0.08688 on 2 and 7 DF,  p-value: 0.9178

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-192.03  -27.00   -0.65   30.18  210.50

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3030.530      7.119 425.682   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -157.741     71.192  -2.216   0.0291 *
poly(TMP_MEAN_RND1, reg_poly)2   67.175     71.192   0.944   0.3477
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 71.19 on 97 degrees of freedom
Multiple R-squared:  0.05642,   Adjusted R-squared:  0.03696
F-statistic:   2.9 on 2 and 97 DF,  p-value: 0.05982

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-167.91  -44.68   19.72   42.65   81.09

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3002.680      8.259 363.584  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -223.468     58.397  -3.827 0.000383 ***
poly(TMP_MEAN_RND1, reg_poly)2   22.045     58.397   0.378 0.707496
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 58.4 on 47 degrees of freedom
Multiple R-squared:  0.2393,    Adjusted R-squared:  0.2069
F-statistic: 7.393 on 2 and 47 DF,  p-value: 0.001616

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-158.76  -34.32   23.79   30.06   65.18

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    2996.73      11.05 271.090   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -126.12      60.55  -2.083   0.0469 *
poly(TMP_MEAN_RND1, reg_poly)2    36.96      60.55   0.610   0.5467
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 60.55 on 27 degrees of freedom
Multiple R-squared:  0.1486,    Adjusted R-squared:  0.0855
F-statistic: 2.356 on 2 and 27 DF,  p-value: 0.114

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-154.96  -26.38   25.24   33.05   63.12

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    2994.90      23.23 128.919 4.46e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1   -66.28      73.46  -0.902    0.397
poly(TMP_MEAN_RND1, reg_poly)2    29.52      73.46   0.402    0.700
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 73.46 on 7 degrees of freedom
Multiple R-squared:  0.1223,    Adjusted R-squared:  -0.1285
F-statistic: 0.4877 on 2 and 7 DF,  p-value: 0.6335

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-247.404  -22.592    1.163   35.167  247.482

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4057.820      9.025 449.602   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -188.766     90.254  -2.092   0.0391 *
poly(TMP_MEAN_RND1, reg_poly)2   83.542     90.254   0.926   0.3569
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 90.25 on 97 degrees of freedom
Multiple R-squared:  0.05117,   Adjusted R-squared:  0.03161
F-statistic: 2.616 on 2 and 97 DF,  p-value: 0.07828
```

```
------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-216.10  -44.85   23.91   48.94  101.90

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4020.20      10.38 387.186  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -278.18      73.42  -3.789  0.00043 ***
poly(TMP_MEAN_RND1, reg_poly)2    11.22      73.42   0.153  0.87918
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 73.42 on 47 degrees of freedom
Multiple R-squared:  0.2343,    Adjusted R-squared:  0.2017
F-statistic:  7.19 on 2 and 47 DF,  p-value: 0.001887

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-202.94  -38.17   31.52   42.54   78.31

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4011.40      13.96 287.445   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -158.94      76.44  -2.079   0.0472 *
poly(TMP_MEAN_RND1, reg_poly)2    36.54      76.44   0.478   0.6364
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 76.44 on 27 degrees of freedom
Multiple R-squared:  0.1443,    Adjusted R-squared:  0.08089
F-statistic: 2.276 on 2 and 27 DF,  p-value: 0.122

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-198.72  -30.27   32.57   48.08   82.02

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4006.70      30.11 133.070 3.57e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1  -102.98      95.22  -1.081    0.315
poly(TMP_MEAN_RND1, reg_poly)2    20.17      95.22   0.212    0.838
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 95.22 on 7 degrees of freedom
Multiple R-squared:  0.1478,    Adjusted R-squared:  -0.09562
F-statistic: 0.6073 on 2 and 7 DF,  p-value: 0.5712

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
```

```
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-258.509  -21.811   -1.831   36.336  253.839

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4276.410      9.228 463.396   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -207.145     92.284  -2.245   0.0271 *
poly(TMP_MEAN_RND1, reg_poly)2   78.219     92.284   0.848   0.3988
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.28 on 97 degrees of freedom
Multiple R-squared:  0.05602,   Adjusted R-squared:  0.03656
F-statistic: 2.878 on 2 and 97 DF,  p-value: 0.06104

--------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-224.65  -41.65   23.33   47.67  107.35

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4235.860     10.277 412.177  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -297.465     72.668  -4.093 0.000166 ***
poly(TMP_MEAN_RND1, reg_poly)2    4.349     72.668   0.060 0.952529
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 72.67 on 47 degrees of freedom
Multiple R-squared:  0.2629,    Adjusted R-squared:  0.2315
F-statistic:  8.38 on 2 and 47 DF,  p-value: 0.0007716

--------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-210.69  -35.12   32.43   44.63   68.22

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4226.57      13.73 307.781   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -174.05      75.22  -2.314   0.0285 *
poly(TMP_MEAN_RND1, reg_poly)2    33.66      75.22   0.447   0.6581
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 75.22 on 27 degrees of freedom
Multiple R-squared:  0.1706,    Adjusted R-squared:  0.1092
F-statistic: 2.777 on 2 and 27 DF,  p-value: 0.08

--------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-204.94  -28.14   34.90   52.49   72.35

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4220.60      30.35 139.046 2.63e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1  -112.36      95.99  -1.171    0.280
poly(TMP_MEAN_RND1, reg_poly)2    19.74      95.99   0.206    0.843
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 95.99 on 7 degrees of freedom
Multiple R-squared:  0.1679,    Adjusted R-squared:  -0.06983
F-statistic: 0.7063 on 2 and 7 DF,  p-value: 0.5255

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-275.080  -44.644   -1.471   46.488  293.029

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5068.81      10.13 500.501   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -223.17     101.27  -2.204   0.0299 *
poly(TMP_MEAN_RND1, reg_poly)2   177.29     101.27   1.751   0.0832 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 101.3 on 97 degrees of freedom
Multiple R-squared:  0.07549,   Adjusted R-squared:  0.05643
F-statistic:  3.96 on 2 and 97 DF,  p-value: 0.02222

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-230.13  -24.88   17.41   50.37  137.87

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5017.94      10.21 491.265  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -340.44      72.23  -4.714  2.2e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2    85.65      72.23   1.186    0.242
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 72.23 on 47 degrees of freedom
Multiple R-squared:  0.3345,    Adjusted R-squared:  0.3062
F-statistic: 11.81 on 2 and 47 DF,  p-value: 6.981e-05

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-212.50  -40.99   26.52   43.28   69.52

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5006.63      13.54 369.884  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -211.84      74.14  -2.857  0.00813 **
poly(TMP_MEAN_RND1, reg_poly)2   110.03      74.14   1.484  0.14936
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 74.14 on 27 degrees of freedom
Multiple R-squared:  0.2774,    Adjusted R-squared:  0.2239
F-statistic: 5.183 on 2 and 27 DF,  p-value: 0.01244

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-204.22  -31.01   27.83   50.16   75.99

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4997.80      29.89 167.220 7.22e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1  -136.61      94.51  -1.445    0.192
poly(TMP_MEAN_RND1, reg_poly)2    62.62      94.51   0.663    0.529
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 94.51 on 7 degrees of freedom
Multiple R-squared:  0.2653,    Adjusted R-squared:  0.05545
F-statistic: 1.264 on 2 and 7 DF,  p-value: 0.3398

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-315.68  -75.04    1.34   72.87  352.34

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6095.33      12.28 496.284   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -212.64     122.82  -1.731   0.0866 .
poly(TMP_MEAN_RND1, reg_poly)2   231.95     122.82   1.889   0.0619 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 122.8 on 97 degrees of freedom
Multiple R-squared:  0.06338,   Adjusted R-squared:  0.04407
F-statistic: 3.282 on 2 and 97 DF,  p-value: 0.04176

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-249.16  -31.53  -11.40   59.87  166.84

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6024.04      10.89 553.333  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -371.68      76.98  -4.828  1.5e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2   140.14      76.98   1.820   0.0751 .
```

```
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 76.98 on 47 degrees of freedom
Multiple R-squared:  0.3616,    Adjusted R-squared:  0.3345
F-statistic: 13.31 on 2 and 47 DF,  p-value: 2.625e-05

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-223.331  -32.380   -9.483   67.926  102.723

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6006.90      13.92 431.542  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -256.85      76.24  -3.369  0.00228 **
poly(TMP_MEAN_RND1, reg_poly)2   172.99      76.24   2.269  0.03147 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 76.24 on 27 degrees of freedom
Multiple R-squared:  0.3793,    Adjusted R-squared:  0.3333
F-statistic: 8.249 on 2 and 27 DF,  p-value: 0.0016

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-203.851  -16.937   -1.148   35.895  124.430

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5988.70      30.81 194.347 2.52e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1  -174.30      97.44  -1.789    0.117
poly(TMP_MEAN_RND1, reg_poly)2   108.49      97.44   1.113    0.302
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 97.44 on 7 degrees of freedom
Multiple R-squared:  0.3881,    Adjusted R-squared:  0.2132
F-statistic: 2.219 on 2 and 7 DF,  p-value: 0.1793

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-365.99 -109.42    7.23   73.75  409.42

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7144.55      15.04 475.143   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -177.51     150.37  -1.181   0.2407
poly(TMP_MEAN_RND1, reg_poly)2   298.12     150.37   1.983   0.0502 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 150.4 on 97 degrees of freedom
```

```
Multiple R-squared:  0.05204,   Adjusted R-squared:  0.03249
F-statistic: 2.662 on 2 and 97 DF,  p-value: 0.07489

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-273.738  -65.738   -6.921   65.371  191.262

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7049.30      13.27 531.229  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -387.74      93.83  -4.132 0.000147 ***
poly(TMP_MEAN_RND1, reg_poly)2   209.24      93.83   2.230 0.030565 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 93.83 on 47 degrees of freedom
Multiple R-squared:  0.3193,    Adjusted R-squared:  0.2904
F-statistic: 11.02 on 2 and 47 DF,  p-value: 0.0001186

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-237.71  -47.91  -12.61   73.62  150.18

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7022.80      16.84 417.026  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -311.13      92.24  -3.373  0.00226 **
poly(TMP_MEAN_RND1, reg_poly)2   237.66      92.24   2.577  0.01576 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.24 on 27 degrees of freedom
Multiple R-squared:  0.4002,    Adjusted R-squared:  0.3558
F-statistic: 9.009 on 2 and 27 DF,  p-value: 0.001007

------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-201.883  -29.268   -8.451   33.327  177.643

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6990.90      35.02 199.635 2.09e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1  -220.06     110.74  -1.987   0.0872 .
poly(TMP_MEAN_RND1, reg_poly)2   159.31     110.74   1.439   0.1934
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 110.7 on 7 degrees of freedom
Multiple R-squared:  0.4623,    Adjusted R-squared:  0.3087
F-statistic: 3.009 on 2 and 7 DF,  p-value: 0.114

------------------------------------------------------------------------
```

```
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-406.57 -107.42   -3.76   86.18  424.43

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  8202.510     18.418 445.349   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -6.258    184.182  -0.034    0.973
poly(TMP_MEAN_RND1, reg_poly)2  256.289    184.182   1.392    0.167
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 184.2 on 97 degrees of freedom
Multiple R-squared:  0.01958,   Adjusted R-squared:  -0.0006324
F-statistic: 0.9687 on 2 and 97 DF,  p-value: 0.3832

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-285.284  -81.034    7.086   74.216  206.716

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8077.90      16.48 490.038   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -246.17     116.56  -2.112    0.040 *
poly(TMP_MEAN_RND1, reg_poly)2   174.17     116.56   1.494    0.142
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 116.6 on 47 degrees of freedom
Multiple R-squared:  0.1247,    Adjusted R-squared:  0.08741
F-statistic: 3.347 on 2 and 47 DF,  p-value: 0.04377

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-232.50  -68.36  -11.38   67.74  212.79

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8030.77      19.93 402.922   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -251.96     109.17  -2.308   0.0289 *
poly(TMP_MEAN_RND1, reg_poly)2   185.67     109.17   1.701   0.1005
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 109.2 on 27 degrees of freedom
Multiple R-squared:  0.2334,    Adjusted R-squared:  0.1766
F-statistic:  4.11 on 2 and 27 DF,  p-value: 0.02766

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
     Min       1Q   Median       3Q      Max
-169.497  -50.148   -9.642   47.369  189.871

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7973.30      35.81 222.639 9.74e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1  -203.49     113.25  -1.797    0.115
poly(TMP_MEAN_RND1, reg_poly)2   138.51     113.25   1.223    0.261
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 113.2 on 7 degrees of freedom
Multiple R-squared:  0.403, Adjusted R-squared:  0.2324
F-statistic: 2.362 on 2 and 7 DF,  p-value: 0.1644

--------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-433.24  -94.82    7.79   94.57  526.76

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8674.99      20.12 431.128   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    57.90     201.22   0.288    0.774
poly(TMP_MEAN_RND1, reg_poly)2   289.37     201.22   1.438    0.154
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 201.2 on 97 degrees of freedom
Multiple R-squared:  0.02169,   Adjusted R-squared:  0.001522
F-statistic: 1.075 on 2 and 97 DF,  p-value: 0.3452

--------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-298.16  -92.41   14.51  105.78  211.60

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8535.68      18.62 458.429   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -153.34     131.66  -1.165    0.250
poly(TMP_MEAN_RND1, reg_poly)2   183.19     131.66   1.391    0.171
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 131.7 on 47 degrees of freedom
Multiple R-squared:  0.06547,   Adjusted R-squared:  0.0257
F-statistic: 1.646 on 2 and 47 DF,  p-value: 0.2037

--------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-238.25  -56.29  -15.37   69.91  240.03

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8478.30      22.02 385.042   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -225.87     120.60  -1.873    0.072 .
poly(TMP_MEAN_RND1, reg_poly)2   173.38     120.60   1.438    0.162
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 120.6 on 27 degrees of freedom
Multiple R-squared:  0.1711,    Adjusted R-squared:  0.1097
F-statistic: 2.787 on 2 and 27 DF,  p-value: 0.07936

------------------------------------------------------------------------------
Wettbewerb: London; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-160.209  -64.710   -8.297   45.552  206.695

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8408.20      37.27 225.580 8.88e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1  -195.64     117.87  -1.660    0.141
poly(TMP_MEAN_RND1, reg_poly)2   143.00     117.87   1.213    0.264
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 117.9 on 7 degrees of freedom
Multiple R-squared:  0.3765,    Adjusted R-squared:  0.1983
F-statistic: 2.113 on 2 and 7 DF,  p-value: 0.1914

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-107.744  -36.572    8.177   37.902   75.256

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1083.458      4.404 246.011   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   88.448     48.245   1.833   0.0693 .
poly(TMP_MEAN_RND1, reg_poly)2   82.243     48.245   1.705   0.0909 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 48.24 on 117 degrees of freedom
Multiple R-squared:  0.05084,   Adjusted R-squared:  0.03462
F-statistic: 3.134 on 2 and 117 DF,  p-value: 0.04724

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-99.481 -33.937   6.114  40.051  81.519

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
```

```
(Intercept)                     1077.950      6.671 161.595   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   46.947     51.671   0.909   0.3674
poly(TMP_MEAN_RND1, reg_poly)2   90.183     51.671   1.745   0.0863 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 51.67 on 57 degrees of freedom
Multiple R-squared:  0.0636,    Adjusted R-squared:  0.03075
F-statistic: 1.936 on 2 and 57 DF,  p-value: 0.1537

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-94.06 -33.50   9.81  39.97  86.94

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1075.444      8.988 119.650   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   43.860     53.929   0.813    0.422
poly(TMP_MEAN_RND1, reg_poly)2   83.800     53.929   1.554    0.130
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 53.93 on 33 degrees of freedom
Multiple R-squared:  0.08526,   Adjusted R-squared:  0.02983
F-statistic: 1.538 on 2 and 33 DF,  p-value: 0.2298

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-87.550 -38.362   7.025  40.600  80.450

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1078.42      17.71  60.896 4.38e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1    18.54      61.35   0.302    0.769
poly(TMP_MEAN_RND1, reg_poly)2    39.61      61.35   0.646    0.535
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 61.35 on 9 degrees of freedom
Multiple R-squared:  0.05345,   Adjusted R-squared:  -0.1569
F-statistic: 0.2541 on 2 and 9 DF,  p-value: 0.781

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-203.19  -67.50   12.78   65.51  105.25

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2130.267      6.478 328.863   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  140.128     70.959   1.975   0.0506 .
poly(TMP_MEAN_RND1, reg_poly)2   66.713     70.959   0.940   0.3491
---
```

```
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 70.96 on 117 degrees of freedom
Multiple R-squared:  0.03928,   Adjusted R-squared:  0.02286
F-statistic: 2.392 on 2 and 117 DF,  p-value: 0.09592

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-187.426  -52.906    5.049   33.297  113.574

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2119.95       9.72 218.102   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    73.97      75.29   0.983    0.330
poly(TMP_MEAN_RND1, reg_poly)2   107.05      75.29   1.422    0.161
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 75.29 on 57 degrees of freedom
Multiple R-squared:  0.04979,   Adjusted R-squared:  0.01645
F-statistic: 1.493 on 2 and 57 DF,  p-value: 0.2333

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-176.93  -43.77   14.29   33.76  124.07

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2114.44      13.41 157.682   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    65.55      80.46   0.815    0.421
poly(TMP_MEAN_RND1, reg_poly)2   109.61      80.46   1.362    0.182
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 80.46 on 33 degrees of freedom
Multiple R-squared:  0.07094,   Adjusted R-squared:  0.01463
F-statistic:  1.26 on 2 and 33 DF,  p-value: 0.297

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht:
W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-129.82  -59.14   13.12   42.17  114.18

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   2118.25      25.92  81.715 3.12e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1    24.05      89.80   0.268    0.795
poly(TMP_MEAN_RND1, reg_poly)2    49.34      89.80   0.549    0.596
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 89.8 on 9 degrees of freedom
```

```
Multiple R-squared:  0.03986,   Adjusted R-squared:  -0.1735
F-statistic: 0.1868 on 2 and 9 DF,  p-value: 0.8327

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-283.023  -85.420   -7.893   77.041  161.122

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3181.192      8.476 375.333   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  201.177     92.846   2.167   0.0323 *
poly(TMP_MEAN_RND1, reg_poly)2  100.368     92.846   1.081   0.2819
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.85 on 117 degrees of freedom
Multiple R-squared:  0.04772,   Adjusted R-squared:  0.03145
F-statistic: 2.932 on 2 and 117 DF,  p-value: 0.05723

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-255.701  -57.424   -2.746   55.694  151.476

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                     3162.4       12.3 257.037   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1     96.7       95.3   1.015   0.3146
poly(TMP_MEAN_RND1, reg_poly)2    168.9       95.3   1.772   0.0817 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 95.3 on 57 degrees of freedom
Multiple R-squared:  0.06818,   Adjusted R-squared:  0.03549
F-statistic: 2.085 on 2 and 57 DF,  p-value: 0.1336

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-240.68  -41.87    2.29   55.50  161.86

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3154.56      17.16 183.885   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    84.49     102.93   0.821    0.418
poly(TMP_MEAN_RND1, reg_poly)2   170.27     102.93   1.654    0.108
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 102.9 on 33 degrees of freedom
Multiple R-squared:  0.09366,   Adjusted R-squared:  0.03873
F-statistic: 1.705 on 2 and 33 DF,  p-value: 0.1974
```

```
------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht:
W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-160.750  -66.475    3.319   63.475  157.510

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3159.33      32.87  96.129 7.24e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1    28.52     113.85   0.250    0.808
poly(TMP_MEAN_RND1, reg_poly)2    80.19     113.85   0.704    0.499
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 113.8 on 9 degrees of freedom
Multiple R-squared:  0.05847,   Adjusted R-squared:  -0.1508
F-statistic: 0.2794 on 2 and 9 DF,  p-value: 0.7625

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-343.62  -91.72  -16.19   94.28  264.30

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4227.18      10.34 408.626   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   207.00     113.32   1.827   0.0703 .
poly(TMP_MEAN_RND1, reg_poly)2   136.20     113.32   1.202   0.2318
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 113.3 on 117 degrees of freedom
Multiple R-squared:  0.03926,   Adjusted R-squared:  0.02284
F-statistic: 2.391 on 2 and 117 DF,  p-value: 0.09604

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-303.45  -81.31  -13.41   81.02  161.55

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4197.35      13.83 303.464   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    62.66     107.14   0.585   0.5609
poly(TMP_MEAN_RND1, reg_poly)2   231.73     107.14   2.163   0.0348 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 107.1 on 57 degrees of freedom
Multiple R-squared:  0.08094,   Adjusted R-squared:  0.0487
F-statistic:  2.51 on 2 and 57 DF,  p-value: 0.09021

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
```

```
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-283.735  -61.555   -7.764   79.668  180.265

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4186.53      19.38 216.074   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    55.48     116.25   0.477   0.6363
poly(TMP_MEAN_RND1, reg_poly)2   231.79     116.25   1.994   0.0545 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 116.3 on 33 degrees of freedom
Multiple R-squared:  0.113, Adjusted R-squared:  0.05922
F-statistic: 2.102 on 2 and 33 DF,  p-value: 0.1383

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht:
W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-169.18  -82.69  -24.50   86.16  166.82

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4189.000     36.901 113.520 1.62e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1   -3.935    127.829  -0.031    0.976
poly(TMP_MEAN_RND1, reg_poly)2  115.392    127.829   0.903    0.390
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 127.8 on 9 degrees of freedom
Multiple R-squared:  0.08311,   Adjusted R-squared:  -0.1206
F-statistic: 0.4079 on 2 and 9 DF,  p-value: 0.6767

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-359.69  -84.23  -11.94   97.05  281.18

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4459.77      10.78 413.643   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   224.48     118.11   1.901   0.0598 .
poly(TMP_MEAN_RND1, reg_poly)2   143.21     118.11   1.213   0.2277
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 118.1 on 117 degrees of freedom
Multiple R-squared:  0.04163,   Adjusted R-squared:  0.02525
F-statistic: 2.541 on 2 and 117 DF,  p-value: 0.0831

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-315.29  -85.40  -19.07   83.00  170.71

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4426.85      14.24 310.902   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    68.89     110.29   0.625   0.5347
poly(TMP_MEAN_RND1, reg_poly)2   249.80     110.29   2.265   0.0273 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 110.3 on 57 degrees of freedom
Multiple R-squared:  0.08829,   Adjusted R-squared:  0.0563
F-statistic:  2.76 on 2 and 57 DF,  p-value: 0.07177

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-294.26  -67.95  -13.00   81.49  191.74

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4415.39      19.93 221.598   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    61.10     119.55   0.511   0.6127
poly(TMP_MEAN_RND1, reg_poly)2   249.54     119.55   2.087   0.0447 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 119.6 on 33 degrees of freedom
Multiple R-squared:  0.1228,    Adjusted R-squared:  0.0696
F-statistic: 2.309 on 2 and 33 DF,  p-value: 0.1152

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht:
W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-170.81  -87.35  -26.69   89.52  176.19

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  4416.667     38.045 116.092 1.33e-15 ***
poly(TMP_MEAN_RND1, reg_poly)1   -5.698    131.790  -0.043    0.966
poly(TMP_MEAN_RND1, reg_poly)2  123.930    131.790   0.940    0.372
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 131.8 on 9 degrees of freedom
Multiple R-squared:  0.08964,   Adjusted R-squared:  -0.1127
F-statistic: 0.4431 on 2 and 9 DF,  p-value: 0.6553

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-372.85  -86.61    1.85   93.75  371.35
```

```
Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5295.75      12.08 438.318   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   219.71     132.35   1.660   0.0996 .
poly(TMP_MEAN_RND1, reg_poly)2   155.56     132.35   1.175   0.2423
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 132.4 on 117 degrees of freedom
Multiple R-squared:  0.03415,   Adjusted R-squared:  0.01764
F-statistic: 2.069 on 2 and 117 DF,  p-value: 0.131

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-312.739  -85.949   -9.768   89.925  168.261

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5249.12      14.32 366.632  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    27.87     110.90   0.251  0.80247
poly(TMP_MEAN_RND1, reg_poly)2   297.75     110.90   2.685  0.00949 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 110.9 on 57 degrees of freedom
Multiple R-squared:  0.1131,    Adjusted R-squared:  0.08202
F-statistic: 3.636 on 2 and 57 DF,  p-value: 0.03265

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-288.017  -91.546   -4.411  105.697  192.983

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5234.83      20.03 261.299   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    28.97     120.20   0.241   0.8110
poly(TMP_MEAN_RND1, reg_poly)2   292.45     120.20   2.433   0.0206 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 120.2 on 33 degrees of freedom
Multiple R-squared:  0.1534,    Adjusted R-squared:  0.102
F-statistic: 2.989 on 2 and 33 DF,  p-value: 0.06413

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht:
W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-158.57  -96.69  -33.01  105.97  175.43

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
```

```
(Intercept)                      5232.08      38.12 137.241 2.94e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -34.95     132.06  -0.265    0.797
poly(TMP_MEAN_RND1, reg_poly)2   155.05     132.06   1.174    0.271
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 132.1 on 9 degrees of freedom
Multiple R-squared:  0.1386,    Adjusted R-squared:  -0.05279
F-statistic: 0.7242 on 2 and 9 DF,  p-value: 0.5109

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-369.69  -98.34    2.19   82.31  496.42

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6330.24      14.65 432.216   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   262.89     160.44   1.639    0.104
poly(TMP_MEAN_RND1, reg_poly)2   113.76     160.44   0.709    0.480
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 160.4 on 117 degrees of freedom
Multiple R-squared:  0.02652,   Adjusted R-squared:  0.009883
F-statistic: 1.594 on 2 and 117 DF,  p-value: 0.2075

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-287.020  -85.020   -9.483  102.676  169.453

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6264.350     14.674 426.907   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    6.755    113.663   0.059   0.9528
poly(TMP_MEAN_RND1, reg_poly)2  326.548    113.663   2.873   0.0057 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 113.7 on 57 degrees of freedom
Multiple R-squared:  0.1265,    Adjusted R-squared:  0.09589
F-statistic: 4.129 on 2 and 57 DF,  p-value: 0.02116

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-256.785  -93.189   -2.583  105.024  187.215

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  6244.972     20.075 311.083   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    8.417    120.449   0.070   0.9447
poly(TMP_MEAN_RND1, reg_poly)2  319.959    120.449   2.656   0.0121 *
```

```
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 120.4 on 33 degrees of freedom
Multiple R-squared:  0.1763,    Adjusted R-squared:  0.1263
F-statistic: 3.531 on 2 and 33 DF,  p-value: 0.04079

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht:
W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-142.47  -97.01  -39.23   99.68  185.00

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6229.75      37.53 165.976   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -60.59     130.02  -0.466    0.652
poly(TMP_MEAN_RND1, reg_poly)2   191.70     130.02   1.474    0.174
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 130 on 9 degrees of freedom
Multiple R-squared:  0.2099,    Adjusted R-squared:  0.03433
F-statistic: 1.196 on 2 and 9 DF,  p-value: 0.3464

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-360.85 -130.20   11.01   99.01  592.27

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  7397.717     17.424 424.567   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  279.126    190.872   1.462    0.146
poly(TMP_MEAN_RND1, reg_poly)2    3.297    190.872   0.017    0.986
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 190.9 on 117 degrees of freedom
Multiple R-squared:  0.01795,   Adjusted R-squared:  0.001165
F-statistic: 1.069 on 2 and 117 DF,  p-value: 0.3465

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-256.697 -105.729   -3.204  110.528  246.320

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7308.87      16.35 447.090   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -27.96     126.63  -0.221   0.8260
poly(TMP_MEAN_RND1, reg_poly)2   264.27     126.63   2.087   0.0414 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 126.6 on 57 degrees of freedom
Multiple R-squared:  0.07173,   Adjusted R-squared:  0.03916
F-statistic: 2.202 on 2 and 57 DF,  p-value: 0.1199

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-213.277 -118.469   -8.573  123.217  198.159

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7275.61      21.70 335.243   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -29.32     130.22  -0.225   0.8233
poly(TMP_MEAN_RND1, reg_poly)2   273.90     130.22   2.103   0.0431 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 130.2 on 33 degrees of freedom
Multiple R-squared:  0.1194,    Adjusted R-squared:  0.06605
F-statistic: 2.238 on 2 and 33 DF,  p-value: 0.1227

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht:
W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-113.19  -94.93  -61.53   99.79  245.04

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7246.08      40.67 178.151   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -96.44     140.90  -0.684    0.511
poly(TMP_MEAN_RND1, reg_poly)2   179.00     140.90   1.270    0.236
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 140.9 on 9 degrees of freedom
Multiple R-squared:  0.1879,    Adjusted R-squared:  0.007442
F-statistic: 1.041 on 2 and 9 DF,  p-value: 0.3919

------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-381.34 -140.39  -11.44  100.74  708.69

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8474.42      20.25 418.424   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   467.60     221.86   2.108   0.0372 *
poly(TMP_MEAN_RND1, reg_poly)2   -80.95     221.86  -0.365   0.7159
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 221.9 on 117 degrees of freedom
Multiple R-squared:  0.03763,   Adjusted R-squared:  0.02118
F-statistic: 2.288 on 2 and 117 DF,  p-value: 0.106
```

```
------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-216.88  -76.19   -5.20  104.06  321.63

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8352.00      16.87 495.175   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    65.92     130.65   0.505    0.616
poly(TMP_MEAN_RND1, reg_poly)2   172.21     130.65   1.318    0.193
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 130.6 on 57 degrees of freedom
Multiple R-squared:  0.03377,   Adjusted R-squared:  -0.0001356
F-statistic: 0.996 on 2 and 57 DF,  p-value: 0.3757

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-172.716 -121.980   -7.224  103.573  214.721

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8302.22      20.19 411.252   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    27.55     121.13   0.227    0.821
poly(TMP_MEAN_RND1, reg_poly)2   194.58     121.13   1.606    0.118
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 121.1 on 33 degrees of freedom
Multiple R-squared:  0.07388,   Adjusted R-squared:  0.01775
F-statistic: 1.316 on 2 and 33 DF,  p-value: 0.2819

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht:
W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-100.51  -85.21  -62.41   67.81  278.98

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8250.50      39.00 211.567   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -64.13     135.09  -0.475    0.646
poly(TMP_MEAN_RND1, reg_poly)2   133.59     135.09   0.989    0.349
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 135.1 on 9 degrees of freedom
Multiple R-squared:  0.1179,    Adjusted R-squared:  -0.07808
F-statistic: 0.6017 on 2 and 9 DF,  p-value: 0.5685

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
```

```
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-422.6 -154.8  -25.9  103.7  768.8

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8950.08      21.74 411.604   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   526.12     238.20   2.209   0.0291 *
poly(TMP_MEAN_RND1, reg_poly)2   -93.35     238.20  -0.392   0.6959
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 238.2 on 117 degrees of freedom
Multiple R-squared:  0.04124,   Adjusted R-squared:  0.02485
F-statistic: 2.516 on 2 and 117 DF,  p-value: 0.08514

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-241.77 -102.83  -15.09  113.42  359.29

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8811.80      17.64 499.420   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    94.31     136.67   0.690    0.493
poly(TMP_MEAN_RND1, reg_poly)2   153.37     136.67   1.122    0.266
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 136.7 on 57 degrees of freedom
Multiple R-squared:  0.02955,   Adjusted R-squared:  -0.004504
F-statistic: 0.8677 on 2 and 57 DF,  p-value: 0.4254

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-175.730 -105.472   -8.512  105.637  227.393

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8755.81      20.20 433.364   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    42.12     121.23   0.347    0.730
poly(TMP_MEAN_RND1, reg_poly)2   185.27     121.23   1.528    0.136
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 121.2 on 33 degrees of freedom
Multiple R-squared:  0.06928,   Adjusted R-squared:  0.01287
F-statistic: 1.228 on 2 and 33 DF,  p-value: 0.3059

------------------------------------------------------------------------------
Wettbewerb: NewYork; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht:
W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-100.73  -84.68  -49.97   59.61  281.02

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8694.67      37.79 230.055   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -33.83     130.92  -0.258    0.802
poly(TMP_MEAN_RND1, reg_poly)2   135.47     130.92   1.035    0.328
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 130.9 on 9 degrees of freedom
Multiple R-squared:  0.1122,    Adjusted R-squared:  -0.08509
F-statistic: 0.5687 on 2 and 9 DF,  p-value: 0.5854

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-117.904  -30.094    2.474   32.189   91.283

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1049.600      4.131 254.067  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -3.355     43.328  -0.077    0.938
poly(TMP_MEAN_RND1, reg_poly)2  244.994     43.328   5.654 1.31e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 43.33 on 107 degrees of freedom
Multiple R-squared:  0.2301,    Adjusted R-squared:  0.2157
F-statistic: 15.99 on 2 and 107 DF,  p-value: 8.403e-07

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-98.575 -19.004   1.335  13.285  82.685

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1029.618      5.482 187.808  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -12.219     40.658  -0.301    0.765
poly(TMP_MEAN_RND1, reg_poly)2  213.056     40.658   5.240 2.96e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 40.66 on 52 degrees of freedom
Multiple R-squared:  0.3463,    Adjusted R-squared:  0.3212
F-statistic: 13.78 on 2 and 52 DF,  p-value: 1.583e-05

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
```

```
-87.17 -35.26   4.61  23.52  85.90

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1022.485      7.608 134.400  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    9.381     43.703   0.215 0.831495
poly(TMP_MEAN_RND1, reg_poly)2  176.395     43.703   4.036 0.000346 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 43.7 on 30 degrees of freedom
Multiple R-squared:  0.3526,    Adjusted R-squared:  0.3094
F-statistic: 8.168 on 2 and 30 DF,  p-value: 0.001472

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-84.017 -29.793  -0.084  25.532  90.685

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  1018.36      15.76  64.608 3.66e-12 ***
poly(TMP_MEAN_RND1, reg_poly)1     2.77      52.28   0.053    0.959
poly(TMP_MEAN_RND1, reg_poly)2   101.56      52.28   1.943    0.088 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 52.28 on 8 degrees of freedom
Multiple R-squared:  0.3207,    Adjusted R-squared:  0.1509
F-statistic: 1.888 on 2 and 8 DF,  p-value: 0.2129

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-198.983  -56.622    2.215   74.008  193.780

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  2094.909      7.551 277.452  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    3.403     79.191   0.043    0.966
poly(TMP_MEAN_RND1, reg_poly)2  452.718     79.191   5.717 9.92e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 79.19 on 107 degrees of freedom
Multiple R-squared:  0.234, Adjusted R-squared:  0.2197
F-statistic: 16.34 on 2 and 107 DF,  p-value: 6.408e-07

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-160.526  -33.537   -5.866   23.295  148.763

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
```

```
(Intercept)                     2053.436      9.192 223.390  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -26.916     68.171  -0.395    0.695
poly(TMP_MEAN_RND1, reg_poly)2  393.159     68.171   5.767 4.48e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 68.17 on 52 degrees of freedom
Multiple R-squared:  0.3912,    Adjusted R-squared:  0.3678
F-statistic: 16.71 on 2 and 52 DF,  p-value: 2.488e-06

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-141.059  -58.539    7.429   33.288  142.785

Coefficients:
                                Estimate Std. Error t value Pr(>|t|)
(Intercept)                     2041.45      12.42 164.374  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    12.01      71.34   0.168    0.867
poly(TMP_MEAN_RND1, reg_poly)2   325.45      71.34   4.562 8.01e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 71.34 on 30 degrees of freedom
Multiple R-squared:  0.4099,    Adjusted R-squared:  0.3705
F-statistic: 10.42 on 2 and 30 DF,  p-value: 0.0003665

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht:
W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-133.743  -48.707   -1.319   33.218  153.558

Coefficients:
                                Estimate Std. Error t value Pr(>|t|)
(Intercept)                     2032.091     26.084  77.905 8.22e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1    1.402     86.512   0.016   0.9875
poly(TMP_MEAN_RND1, reg_poly)2  186.939     86.512   2.161   0.0627 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 86.51 on 8 degrees of freedom
Multiple R-squared:  0.3686,    Adjusted R-squared:  0.2107
F-statistic: 2.335 on 2 and 8 DF,  p-value: 0.159

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-278.650  -84.620   -3.964  103.917  293.917

Coefficients:
                                Estimate Std. Error t value Pr(>|t|)
(Intercept)                     3143.19      10.86 289.396  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    63.70     113.91   0.559    0.577
poly(TMP_MEAN_RND1, reg_poly)2   676.80     113.91   5.941 3.57e-08 ***
```

```
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 113.9 on 107 degrees of freedom
Multiple R-squared:  0.2497,    Adjusted R-squared:  0.2357
F-statistic: 17.81 on 2 and 107 DF,  p-value: 2.112e-07

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-219.07  -40.22   -0.24   33.50  216.54

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                  3079.436     12.413 248.075  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    4.317     92.060   0.047    0.963
poly(TMP_MEAN_RND1, reg_poly)2  580.398     92.060   6.305 6.34e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 92.06 on 52 degrees of freedom
Multiple R-squared:  0.4332,    Adjusted R-squared:  0.4114
F-statistic: 19.87 on 2 and 52 DF,  p-value: 3.876e-07

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-190.66  -67.66   -6.17   41.93  182.97

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3061.24      16.34 187.400  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    47.67      93.84   0.508    0.615
poly(TMP_MEAN_RND1, reg_poly)2   481.80      93.84   5.134 1.59e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 93.84 on 30 degrees of freedom
Multiple R-squared:  0.4701,    Adjusted R-squared:  0.4348
F-statistic: 13.31 on 2 and 30 DF,  p-value: 7.285e-05

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht:
W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-179.962  -64.032   -0.887   44.337  199.198

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3047.27      34.87  87.392 3.28e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1    18.39     115.65   0.159   0.8776
poly(TMP_MEAN_RND1, reg_poly)2   278.65     115.65   2.409   0.0425 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 115.6 on 8 degrees of freedom
Multiple R-squared:  0.4216,    Adjusted R-squared:  0.277
F-statistic: 2.915 on 2 and 8 DF,  p-value: 0.1119

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-355.27 -110.43  -13.77  116.45  380.98

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4194.45      14.04 298.746  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   159.95     147.26   1.086     0.28
poly(TMP_MEAN_RND1, reg_poly)2   836.00     147.26   5.677 1.19e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 147.3 on 107 degrees of freedom
Multiple R-squared:  0.2379,    Adjusted R-squared:  0.2237
F-statistic: 16.71 on 2 and 107 DF,  p-value: 4.855e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-270.14  -45.15  -10.36   40.42  287.01

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4106.80      15.58 263.556  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    78.87     115.56   0.683    0.498
poly(TMP_MEAN_RND1, reg_poly)2   718.73     115.56   6.219 8.65e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 115.6 on 52 degrees of freedom
Multiple R-squared:  0.4295,    Adjusted R-squared:  0.4076
F-statistic: 19.57 on 2 and 52 DF,  p-value: 4.6e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-234.904  -90.537   -2.543   45.693  220.712

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4083.82      20.23 201.852  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   113.91     116.22   0.980    0.335
poly(TMP_MEAN_RND1, reg_poly)2   597.63     116.22   5.142 1.56e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 116.2 on 30 degrees of freedom
Multiple R-squared:  0.4774,    Adjusted R-squared:  0.4425
F-statistic:  13.7 on 2 and 30 DF,  p-value: 5.928e-05
```

```
------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht:
W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-219.88  -89.44   10.58   48.94  245.68

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4062.91      44.02  92.292 2.12e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1    49.54     146.01   0.339    0.743
poly(TMP_MEAN_RND1, reg_poly)2   344.46     146.01   2.359    0.046 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 146 on 8 degrees of freedom
Multiple R-squared:  0.4152,    Adjusted R-squared:  0.2691
F-statistic: 2.841 on 2 and 8 DF,  p-value: 0.1169

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-369.37 -114.31  -12.37  117.43  394.89

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4424.67      14.67 301.637  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   192.23     153.85   1.249    0.214
poly(TMP_MEAN_RND1, reg_poly)2   861.92     153.85   5.602 1.66e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 153.8 on 107 degrees of freedom
Multiple R-squared:  0.2354,    Adjusted R-squared:  0.2211
F-statistic: 16.47 on 2 and 107 DF,  p-value: 5.791e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
     Min       1Q   Median       3Q      Max
-277.004  -46.775   -7.953   42.469  294.364

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4331.00      16.07 269.451  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   109.40     119.20   0.918    0.363
poly(TMP_MEAN_RND1, reg_poly)2   735.99     119.20   6.174 1.02e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 119.2 on 52 degrees of freedom
Multiple R-squared:  0.4283,    Adjusted R-squared:  0.4064
F-statistic: 19.48 on 2 and 52 DF,  p-value: 4.848e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
```

```
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-239.56  -96.08    4.52   44.75  227.88

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4306.52      20.77 207.337  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   140.71     119.32   1.179    0.248
poly(TMP_MEAN_RND1, reg_poly)2   612.76     119.32   5.136 1.59e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 119.3 on 30 degrees of freedom
Multiple R-squared:  0.4807,    Adjusted R-squared:  0.446
F-statistic: 13.88 on 2 and 30 DF,  p-value: 5.394e-05

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht:
W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-223.88  -95.34    7.98   51.23  253.41

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4283.82      45.38  94.403 1.77e-13 ***
poly(TMP_MEAN_RND1, reg_poly)1    62.17     150.50   0.413    0.690
poly(TMP_MEAN_RND1, reg_poly)2   351.07     150.50   2.333    0.048 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 150.5 on 8 degrees of freedom
Multiple R-squared:  0.4123,    Adjusted R-squared:  0.2654
F-statistic: 2.806 on 2 and 8 DF,  p-value: 0.1193

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-432.4 -128.4  -12.5  123.5  450.5

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5249.59      16.71 314.120  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   246.16     175.28   1.404    0.163
poly(TMP_MEAN_RND1, reg_poly)2   967.51     175.28   5.520 2.39e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 175.3 on 107 degrees of freedom
Multiple R-squared:  0.2327,    Adjusted R-squared:  0.2183
F-statistic: 16.22 on 2 and 107 DF,  p-value: 7.033e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-318.46  -47.04   -1.28   44.05  323.76

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5135.36      17.33 296.381  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   155.11     128.50   1.207    0.233
poly(TMP_MEAN_RND1, reg_poly)2   800.85     128.50   6.232 8.26e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 128.5 on 52 degrees of freedom
Multiple R-squared:  0.4366,    Adjusted R-squared:  0.4149
F-statistic: 20.15 on 2 and 52 DF,  p-value: 3.319e-07

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-278.04 -101.04   24.59   42.20  244.07

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5105.18      21.97 232.347  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   162.98     126.22   1.291    0.206
poly(TMP_MEAN_RND1, reg_poly)2   663.46     126.22   5.256 1.13e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 126.2 on 30 degrees of freedom
Multiple R-squared:  0.4941,    Adjusted R-squared:  0.4603
F-statistic: 14.65 on 2 and 30 DF,  p-value: 3.643e-05

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht:
W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-255.89 -111.15   24.03   63.43  238.92

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5073.73      48.99 103.572 8.44e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1    69.26     162.47   0.426   0.6811
poly(TMP_MEAN_RND1, reg_poly)2   376.56     162.47   2.318   0.0491 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 162.5 on 8 degrees of freedom
Multiple R-squared:  0.4097,    Adjusted R-squared:  0.2622
F-statistic: 2.777 on 2 and 8 DF,  p-value: 0.1214

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-531.31 -149.79    4.15  136.83  494.21

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6317.03      19.57 322.867  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   417.79     205.20   2.036   0.0442 *
poly(TMP_MEAN_RND1, reg_poly)2  1201.86     205.20   5.857 5.26e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 205.2 on 107 degrees of freedom
Multiple R-squared:  0.2643,    Adjusted R-squared:  0.2506
F-statistic: 19.22 on 2 and 107 DF,  p-value: 7.364e-08

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-387.10  -73.07    4.02   64.11  398.32

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6173.76      19.61 314.783  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   287.03     145.45   1.973   0.0538 .
poly(TMP_MEAN_RND1, reg_poly)2   947.49     145.45   6.514 2.94e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 145.5 on 52 degrees of freedom
Multiple R-squared:  0.4712,    Adjusted R-squared:  0.4508
F-statistic: 23.16 on 2 and 52 DF,  p-value: 6.405e-08

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-341.02 -108.02   30.96   48.82  269.42

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6134.42      24.78 247.591  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   248.59     142.33   1.747   0.0909 .
poly(TMP_MEAN_RND1, reg_poly)2   775.74     142.33   5.450 6.53e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 142.3 on 30 degrees of freedom
Multiple R-squared:  0.522, Adjusted R-squared:  0.4901
F-statistic: 16.38 on 2 and 30 DF,  p-value: 1.556e-05

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht:
W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-308.80 -128.81   13.27   78.95  239.49

Coefficients:
```

```
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    6093.09      56.62 107.622 6.21e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   118.94     187.77   0.633   0.5441
poly(TMP_MEAN_RND1, reg_poly)2   443.39     187.77   2.361   0.0459 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 187.8 on 8 degrees of freedom
Multiple R-squared:  0.4276,    Adjusted R-squared:  0.2845
F-statistic: 2.989 on 2 and 8 DF,  p-value: 0.1073

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-627.12 -174.35    0.42  153.80  501.00

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7403.97      22.84 324.141  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   688.48     239.57   2.874  0.00489 **
poly(TMP_MEAN_RND1, reg_poly)2  1455.68     239.57   6.076 1.92e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 239.6 on 107 degrees of freedom
Multiple R-squared:  0.2969,    Adjusted R-squared:  0.2837
F-statistic: 22.59 on 2 and 107 DF,  p-value: 6.544e-09

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-447.14  -66.85    4.05   90.47  479.60

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7227.93      21.47 336.670  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   498.68     159.22   3.132  0.00285 **
poly(TMP_MEAN_RND1, reg_poly)2  1115.30     159.22   7.005 4.86e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 159.2 on 52 degrees of freedom
Multiple R-squared:  0.531, Adjusted R-squared:  0.513
F-statistic: 29.44 on 2 and 52 DF,  p-value: 2.819e-09

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-384.43 -110.55   26.62   76.45  265.37

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7171.1       26.6 269.620  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1    405.0      152.8   2.651   0.0127 *
```

```
poly(TMP_MEAN_RND1, reg_poly)2    929.5      152.8   6.084  1.1e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 152.8 on 30 degrees of freedom
Multiple R-squared:  0.5948,    Adjusted R-squared:  0.5678
F-statistic: 22.02 on 2 and 30 DF,  p-value: 1.303e-06

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht:
W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-330.36 -137.78   32.91  104.17  304.72

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7113.55      61.67 115.344 3.57e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   220.43     204.54   1.078   0.3126
poly(TMP_MEAN_RND1, reg_poly)2   562.03     204.54   2.748   0.0251 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 204.5 on 8 degrees of freedom
Multiple R-squared:  0.5213,    Adjusted R-squared:  0.4016
F-statistic: 4.356 on 2 and 8 DF,  p-value: 0.05252

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-744.75 -207.87  -17.53  181.21  537.86

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8512.87      26.29 323.809  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   958.77     275.73   3.477 0.000733 ***
poly(TMP_MEAN_RND1, reg_poly)2  1660.34     275.73   6.022 2.47e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 275.7 on 107 degrees of freedom
Multiple R-squared:  0.3112,    Adjusted R-squared:  0.2984
F-statistic: 24.18 on 2 and 107 DF,  p-value: 2.171e-09

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-529.97  -75.35   -1.62  120.68  539.67

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8306.22      24.38 340.640  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   717.82     180.84   3.969 0.000222 ***
poly(TMP_MEAN_RND1, reg_poly)2  1245.78     180.84   6.889 7.44e-09 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 180.8 on 52 degrees of freedom
Multiple R-squared:  0.5487,    Adjusted R-squared:  0.5313
F-statistic: 31.61 on 2 and 52 DF,  p-value: 1.04e-09

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-439.59  -92.71    8.84   90.01  285.58

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8224.12      28.46 288.935  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   585.32     163.51   3.580  0.00119 **
poly(TMP_MEAN_RND1, reg_poly)2  1036.52     163.51   6.339 5.42e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 163.5 on 30 degrees of freedom
Multiple R-squared:  0.6386,    Adjusted R-squared:  0.6145
F-statistic:  26.5 on 2 and 30 DF,  p-value: 2.348e-07

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht:
W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-355.29 -121.70   38.83  122.15  347.59

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8146.36      65.04 125.255 1.85e-14 ***
poly(TMP_MEAN_RND1, reg_poly)1   348.94     215.71   1.618   0.1444
poly(TMP_MEAN_RND1, reg_poly)2   647.12     215.71   3.000   0.0171 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 215.7 on 8 degrees of freedom
Multiple R-squared:  0.5922,    Adjusted R-squared:  0.4902
F-statistic: 5.808 on 2 and 8 DF,  p-value: 0.02766

------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-830.12 -228.42  -11.12  230.55  795.82

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   8990.6       27.0 332.983  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   1074.5      307.9   3.490 0.000664 ***
poly(TMP_MEAN_RND1, reg_poly)2   1734.7      307.9   5.635 1.08e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 307.8 on 127 degrees of freedom
Multiple R-squared:  0.257, Adjusted R-squared:  0.2453
```

```
F-statistic: 21.97 on 2 and 127 DF,  p-value: 6.414e-09

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-582.93 -105.28    4.98  126.26  554.39

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8759.57      24.32 360.170  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   875.96     196.08   4.467 3.42e-05 ***
poly(TMP_MEAN_RND1, reg_poly)2  1274.47     196.08   6.500 1.57e-08 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 196.1 on 62 degrees of freedom
Multiple R-squared:  0.5008,    Adjusted R-squared:  0.4847
F-statistic:  31.1 on 2 and 62 DF,  p-value: 4.425e-10

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-489.57  -78.29   -5.42  102.29  338.33

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8667.51      27.61 313.968  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   677.58     172.40   3.930 0.000369 ***
poly(TMP_MEAN_RND1, reg_poly)2  1083.88     172.40   6.287 2.88e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 172.4 on 36 degrees of freedom
Multiple R-squared:  0.6043,    Adjusted R-squared:  0.5823
F-statistic: 27.49 on 2 and 36 DF,  p-value: 5.663e-08

------------------------------------------------------------------------------
Wettbewerb: Chicago; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht:
W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-391.53 -123.43   38.43  107.22  359.02

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8572.15      57.07 150.212   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   395.84     205.76   1.924   0.0833 .
poly(TMP_MEAN_RND1, reg_poly)2   674.70     205.76   3.279   0.0083 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 205.8 on 10 degrees of freedom
Multiple R-squared:  0.5911,    Adjusted R-squared:  0.5093
F-statistic: 7.227 on 2 and 10 DF,  p-value: 0.01144

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Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-77.94 -49.31 -11.87  13.93 405.45

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1061.777      6.577 161.427  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -265.323     74.995  -3.538 0.000564 ***
poly(TMP_MEAN_RND1, reg_poly)2  132.237     74.995   1.763 0.080258 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 74.99 on 127 degrees of freedom
Multiple R-squared:  0.1096,    Adjusted R-squared:  0.09554
F-statistic: 7.813 on 2 and 127 DF,  p-value: 0.0006309

--------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-60.782 -39.298 -16.762   2.498 254.442

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1046.908      7.842 133.503   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -149.085     63.223  -2.358   0.0215 *
poly(TMP_MEAN_RND1, reg_poly)2   99.760     63.223   1.578   0.1197
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 63.22 on 62 degrees of freedom
Multiple R-squared:  0.1149,    Adjusted R-squared:  0.08637
F-statistic: 4.025 on 2 and 62 DF,  p-value: 0.02272

--------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_5;
Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-57.632 -34.510 -23.810   2.235 258.421

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    1044.36      10.72  97.378   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -106.17      66.98  -1.585    0.122
poly(TMP_MEAN_RND1, reg_poly)2    67.75      66.98   1.012    0.319
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 66.98 on 36 degrees of freedom
Multiple R-squared:  0.08943,   Adjusted R-squared:  0.03885
F-statistic: 1.768 on 2 and 36 DF,  p-value: 0.1852

--------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_5; Geschlecht: W
Call:
lm(formula = S_KM_5 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-39.658 -20.992  -2.536   0.051  86.421

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                   1029.846      9.995 103.034   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -33.510     36.038  -0.930    0.374
poly(TMP_MEAN_RND1, reg_poly)2   30.517     36.038   0.847    0.417
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 36.04 on 10 degrees of freedom
Multiple R-squared:  0.1366,    Adjusted R-squared:  -0.03612
F-statistic: 0.7908 on 2 and 10 DF,  p-value: 0.4799

--------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-156.30 -106.63  -32.59   24.66  635.71

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                     2122.6       12.3 172.567  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -466.4      140.2  -3.326  0.00115 **
poly(TMP_MEAN_RND1, reg_poly)2    258.5      140.2   1.843  0.06759 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 140.2 on 127 degrees of freedom
Multiple R-squared:  0.1022,    Adjusted R-squared:  0.08807
F-statistic: 7.229 on 2 and 127 DF,  p-value: 0.001064

--------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-120.74  -81.90  -28.90   24.33  404.33

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    2091.43      15.08 138.715   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -256.89     121.56  -2.113   0.0386 *
poly(TMP_MEAN_RND1, reg_poly)2   204.01     121.56   1.678   0.0983 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 121.6 on 62 degrees of freedom
Multiple R-squared:  0.1051,    Adjusted R-squared:  0.07625
F-statistic: 3.641 on 2 and 62 DF,  p-value: 0.03197

--------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_10;
Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
```

```
-111.10  -68.66  -33.30    7.65  416.48

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    2083.72      19.27 108.122   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -169.43     120.35  -1.408    0.168
poly(TMP_MEAN_RND1, reg_poly)2   129.94     120.35   1.080    0.287
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 120.4 on 36 degrees of freedom
Multiple R-squared:  0.0804,    Adjusted R-squared:  0.02931
F-statistic: 1.574 on 2 and 36 DF,  p-value: 0.2212

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_10; Geschlecht: W
Call:
lm(formula = S_KM_10 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-74.59 -41.29 -11.69  16.00  99.78

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    2054.38      16.08 127.727   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -40.91      57.99  -0.706    0.497
poly(TMP_MEAN_RND1, reg_poly)2    61.97      57.99   1.069    0.310
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 57.99 on 10 degrees of freedom
Multiple R-squared:  0.1409,    Adjusted R-squared:  -0.03097
F-statistic: 0.8198 on 2 and 10 DF,  p-value: 0.4681

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-247.17 -162.07  -53.43   44.14  808.57

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    3188.11      18.18 175.317  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -637.25     207.34  -3.073  0.00259 **
poly(TMP_MEAN_RND1, reg_poly)2   379.84     207.34   1.832  0.06930 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 207.3 on 127 degrees of freedom
Multiple R-squared:  0.09158,   Adjusted R-squared:  0.07727
F-statistic: 6.401 on 2 and 127 DF,  p-value: 0.002246

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-192.31 -125.58  -33.19   33.42  571.96

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
```

```
(Intercept)                      3139.20      22.96 136.740   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -353.44     185.09  -1.910   0.0608 .
poly(TMP_MEAN_RND1, reg_poly)2   305.67     185.09   1.651   0.1037
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 185.1 on 62 degrees of freedom
Multiple R-squared:  0.09322,   Adjusted R-squared:  0.06397
F-statistic: 3.187 on 2 and 62 DF,  p-value: 0.04814

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_15;
Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-176.42 -106.11  -50.75   15.53  592.01

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3126.36      28.96 107.973   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -226.61     180.82  -1.253    0.218
poly(TMP_MEAN_RND1, reg_poly)2   189.37     180.82   1.047    0.302
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 180.8 on 36 degrees of freedom
Multiple R-squared:  0.06898,   Adjusted R-squared:  0.01726
F-statistic: 1.334 on 2 and 36 DF,  p-value: 0.2762

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_15; Geschlecht: W
Call:
lm(formula = S_KM_15 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-118.75  -44.30  -19.45   38.28  147.45

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   3079.38      23.29 132.212   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -44.93      83.98  -0.535    0.604
poly(TMP_MEAN_RND1, reg_poly)2    82.30      83.98   0.980    0.350
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 83.98 on 10 degrees of freedom
Multiple R-squared:  0.1109,    Adjusted R-squared:  -0.06697
F-statistic: 0.6234 on 2 and 10 DF,  p-value: 0.5557

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-332.15 -196.45  -74.57   66.29  982.06

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   4260.93      24.01 177.474   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -877.92     273.74  -3.207   0.0017 **
poly(TMP_MEAN_RND1, reg_poly)2   511.95     273.74   1.870   0.0638 .
---
```

```
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 273.7 on 127 degrees of freedom
Multiple R-squared:  0.0979,    Adjusted R-squared:  0.0837
F-statistic: 6.892 on 2 and 127 DF,  p-value: 0.001441

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-256.58 -164.34  -40.89   39.86  742.47

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4192.57      30.77 136.259   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -504.22     248.07  -2.033   0.0464 *
poly(TMP_MEAN_RND1, reg_poly)2   414.00     248.07   1.669   0.1002
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 248.1 on 62 degrees of freedom
Multiple R-squared:  0.1004,    Adjusted R-squared:  0.07134
F-statistic: 3.458 on 2 and 62 DF,  p-value: 0.03768

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_20;
Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-233.10 -136.70  -68.74   16.60  770.19

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4174.05      38.44 108.596   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -329.56     240.04  -1.373    0.178
poly(TMP_MEAN_RND1, reg_poly)2   261.58     240.04   1.090    0.283
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 240 on 36 degrees of freedom
Multiple R-squared:  0.07864,   Adjusted R-squared:  0.02745
F-statistic: 1.536 on 2 and 36 DF,  p-value: 0.229

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_20; Geschlecht: W
Call:
lm(formula = S_KM_20 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-157.18  -53.00  -23.64   54.64  215.91

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4111.54      30.89 133.119   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -80.98     111.36  -0.727    0.484
poly(TMP_MEAN_RND1, reg_poly)2   105.66     111.36   0.949    0.365
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 111.4 on 10 degrees of freedom
Multiple R-squared:  0.125, Adjusted R-squared:  -0.04997
```

```
F-statistic: 0.7145 on 2 and 10 DF,  p-value: 0.5128

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-350.43 -201.96  -82.38   73.18 1024.36

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4498.83      25.32 177.649  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -940.88     288.74  -3.259  0.00144 **
poly(TMP_MEAN_RND1, reg_poly)2   548.52     288.74   1.900  0.05974 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 288.7 on 127 degrees of freedom
Multiple R-squared:  0.1007,    Adjusted R-squared:  0.08658
F-statistic: 7.114 on 2 and 127 DF,  p-value: 0.00118

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-270.03 -178.36  -42.96   45.39  779.05

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4425.94      32.53 136.069   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -543.36     262.24  -2.072   0.0424 *
poly(TMP_MEAN_RND1, reg_poly)2   438.87     262.24   1.674   0.0993 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 262.2 on 62 degrees of freedom
Multiple R-squared:  0.1027,    Adjusted R-squared:  0.07372
F-statistic: 3.547 on 2 and 62 DF,  p-value: 0.0348

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM;
Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-245.91 -149.49  -62.34   12.40  808.53

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4406.03      40.53 108.697   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -356.64     253.14  -1.409    0.167
poly(TMP_MEAN_RND1, reg_poly)2   280.11     253.14   1.107    0.276
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 253.1 on 36 degrees of freedom
Multiple R-squared:  0.08185,   Adjusted R-squared:  0.03084
F-statistic: 1.605 on 2 and 36 DF,  p-value: 0.215

------------------------------------------------------------------------------
```

```
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_HM; Geschlecht: W
Call:
lm(formula = S_KM_HM ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-165.28  -60.99  -30.12   58.74  231.68

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    4339.46      32.56 133.267   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -90.94     117.40  -0.775    0.457
poly(TMP_MEAN_RND1, reg_poly)2   111.90     117.40   0.953    0.363
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 117.4 on 10 degrees of freedom
Multiple R-squared:  0.1311,    Adjusted R-squared:  -0.04271
F-statistic: 0.7542 on 2 and 10 DF,  p-value: 0.4954

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-415.40 -225.89  -98.71  101.71 1132.92

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5341.75      29.89 178.725  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1154.96     340.78  -3.389 0.000934 ***
poly(TMP_MEAN_RND1, reg_poly)2   681.87     340.78   2.001 0.047533 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 340.8 on 127 degrees of freedom
Multiple R-squared:  0.1087,    Adjusted R-squared:  0.09468
F-statistic: 7.745 on 2 and 127 DF,  p-value: 0.0006701

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-316.33 -209.65  -65.82   70.62  888.20

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    5250.28      38.77 135.437   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -693.20     312.54  -2.218   0.0302 *
poly(TMP_MEAN_RND1, reg_poly)2   533.61     312.54   1.707   0.0928 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 312.5 on 62 degrees of freedom
Multiple R-squared:  0.1122,    Adjusted R-squared:  0.08355
F-statistic: 3.917 on 2 and 62 DF,  p-value: 0.025

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_25;
Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)
```

```
Residuals:
    Min      1Q  Median      3Q     Max
-284.04 -173.23  -46.03   -6.49  925.70

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5223.77      47.91 109.023   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -453.22     299.22  -1.515    0.139
poly(TMP_MEAN_RND1, reg_poly)2   364.32     299.22   1.218    0.231
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 299.2 on 36 degrees of freedom
Multiple R-squared:  0.09494,   Adjusted R-squared:  0.04466
F-statistic: 1.888 on 2 and 36 DF,  p-value: 0.166

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_25; Geschlecht: W
Call:
lm(formula = S_KM_25 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-186.53  -64.00  -23.98   59.40  294.70

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   5142.62      38.73 132.766   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -126.46     139.66  -0.906    0.386
poly(TMP_MEAN_RND1, reg_poly)2   141.25     139.66   1.011    0.336
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 139.7 on 10 degrees of freedom
Multiple R-squared:  0.1556,    Adjusted R-squared:  -0.01327
F-statistic: 0.9214 on 2 and 10 DF,  p-value: 0.4293

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-506.7 -241.2 -103.9  130.2 1274.5

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6433.05      35.71 180.156  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1403.13     407.14  -3.446 0.000771 ***
poly(TMP_MEAN_RND1, reg_poly)2   893.87     407.14   2.195 0.029945 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 407.1 on 127 degrees of freedom
Multiple R-squared:  0.1162,    Adjusted R-squared:  0.1023
F-statistic: 8.349 on 2 and 127 DF,  p-value: 0.0003922

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-378.87 -268.04  -63.56   97.77 1028.77
```

```
Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6312.85      46.85 134.749   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -865.86     377.71  -2.292   0.0253 *
poly(TMP_MEAN_RND1, reg_poly)2   667.74     377.71   1.768   0.0820 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 377.7 on 62 degrees of freedom
Multiple R-squared:  0.1191,    Adjusted R-squared:  0.09066
F-statistic:  4.19 on 2 and 62 DF,  p-value: 0.01964

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_30;
Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-335.17 -221.72  -63.54   -2.24 1076.38

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6276.54      57.28 109.579   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -569.52     357.71  -1.592    0.120
poly(TMP_MEAN_RND1, reg_poly)2   496.66     357.71   1.388    0.174
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 357.7 on 36 degrees of freedom
Multiple R-squared:  0.1103,    Adjusted R-squared:  0.06087
F-statistic: 2.231 on 2 and 36 DF,  p-value: 0.122

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_30; Geschlecht: W
Call:
lm(formula = S_KM_30 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-217.31  -89.40  -22.50   50.72  375.09

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   6177.85      48.46 127.491   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -166.63     174.71  -0.954    0.363
poly(TMP_MEAN_RND1, reg_poly)2   178.90     174.71   1.024    0.330
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 174.7 on 10 degrees of freedom
Multiple R-squared:  0.1637,    Adjusted R-squared:  -0.003507
F-statistic: 0.979 on 2 and 10 DF,  p-value: 0.409

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-600.9 -278.9 -120.8  170.7 1345.3

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7536.59      41.46 181.784  < 2e-16 ***
```

```
poly(TMP_MEAN_RND1, reg_poly)1 -1574.27     472.71  -3.330  0.00114 **
poly(TMP_MEAN_RND1, reg_poly)2  1187.71     472.71   2.513  0.01324 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 472.7 on 127 degrees of freedom
Multiple R-squared:  0.1205,    Adjusted R-squared:  0.1067
F-statistic: 8.702 on 2 and 127 DF,  p-value: 0.0002872

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-439.46 -328.06  -75.76  123.24 1132.14

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7383.95      54.76 134.832   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1007.42     441.52  -2.282   0.0260 *
poly(TMP_MEAN_RND1, reg_poly)2   855.12     441.52   1.937   0.0573 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 441.5 on 62 degrees of freedom
Multiple R-squared:  0.1262,    Adjusted R-squared:  0.09805
F-statistic: 4.479 on 2 and 62 DF,  p-value: 0.01525

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_35;
Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-380.06 -300.64  -87.93   34.05 1190.91

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                   7334.74      66.39 110.473   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -670.73     414.63  -1.618    0.114
poly(TMP_MEAN_RND1, reg_poly)2   692.91     414.63   1.671    0.103
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 414.6 on 36 degrees of freedom
Multiple R-squared:  0.1306,    Adjusted R-squared:  0.08234
F-statistic: 2.705 on 2 and 36 DF,  p-value: 0.08047

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_35; Geschlecht: W
Call:
lm(formula = S_KM_35 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-242.05 -153.30   -4.61   71.83  437.52

Coefficients:
                             Estimate Std. Error t value Pr(>|t|)
(Intercept)                    7219.7       60.3 119.723   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -232.4      217.4  -1.069     0.31
poly(TMP_MEAN_RND1, reg_poly)2    271.4      217.4   1.248     0.24
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 217.4 on 10 degrees of freedom
Multiple R-squared:  0.2126,    Adjusted R-squared:  0.05515
F-statistic:  1.35 on 2 and 10 DF,  p-value: 0.3026

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-763.9 -333.7 -110.9  221.2 1379.9

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8664.22      47.07 184.066  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1675.80     536.70  -3.122  0.00222 **
poly(TMP_MEAN_RND1, reg_poly)2  1544.05     536.70   2.877  0.00471 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 536.7 on 127 degrees of freedom
Multiple R-squared:  0.1243,    Adjusted R-squared:  0.1105
F-statistic: 9.013 on 2 and 127 DF,  p-value: 0.0002186

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-572.3 -382.3 -124.9  162.1 1233.9

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8481.37      62.47 135.766   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1069.93     503.65  -2.124   0.0376 *
poly(TMP_MEAN_RND1, reg_poly)2  1118.14     503.65   2.220   0.0301 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 503.7 on 62 degrees of freedom
Multiple R-squared:  0.1322,    Adjusted R-squared:  0.1042
F-statistic: 4.721 on 2 and 62 DF,  p-value: 0.01235

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_40;
Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-492.57 -345.80  -89.87   95.74 1256.06

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8409.79      75.85 110.881   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -731.53     473.65  -1.544   0.1312
poly(TMP_MEAN_RND1, reg_poly)2   901.25     473.65   1.903   0.0651 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 473.7 on 36 degrees of freedom
Multiple R-squared:  0.143, Adjusted R-squared:  0.09536
```

```
F-statistic: 3.003 on 2 and 36 DF,  p-value: 0.06221

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_40; Geschlecht: W
Call:
lm(formula = S_KM_40 ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-303.05 -222.39  -16.49  179.03  488.30

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8272.77      77.68 106.505   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -287.72     280.06  -1.027    0.328
poly(TMP_MEAN_RND1, reg_poly)2   389.45     280.06   1.391    0.195
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 280.1 on 10 degrees of freedom
Multiple R-squared:  0.2301,    Adjusted R-squared:  0.07615
F-statistic: 1.495 on 2 and 10 DF,  p-value: 0.2705

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  10; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-834.8 -374.5 -110.8  258.4 1401.1

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    9163.05      49.28 185.948  < 2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1719.12     561.85  -3.060  0.00270 **
poly(TMP_MEAN_RND1, reg_poly)2  1718.84     561.85   3.059  0.00271 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 561.8 on 127 degrees of freedom
Multiple R-squared:  0.1285,    Adjusted R-squared:  0.1147
F-statistic: 9.361 on 2 and 127 DF,  p-value: 0.0001614

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  5; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
   Min     1Q Median     3Q    Max
-635.0 -402.2 -107.9  175.4 1324.1

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8972.03      65.74 136.487   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1 -1086.77     529.98  -2.051   0.0445 *
poly(TMP_MEAN_RND1, reg_poly)2  1257.41     529.98   2.373   0.0208 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 530 on 62 degrees of freedom
Multiple R-squared:  0.1369,    Adjusted R-squared:  0.1091
F-statistic: 4.917 on 2 and 62 DF,  p-value: 0.01042

------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1  -  3; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN;
```

```
Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-542.69 -351.39  -97.49  108.72 1262.22

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                    8888.85      79.84 111.328   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1  -754.50     498.62  -1.513    0.139
poly(TMP_MEAN_RND1, reg_poly)2   988.80     498.62   1.983    0.055 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 498.6 on 36 degrees of freedom
Multiple R-squared:  0.1474,    Adjusted R-squared:    0.1
F-statistic: 3.111 on 2 and 36 DF,  p-value: 0.05672

------------------------------------------------------------------------------
Wettbewerb: Tokyo; Platz: 1; Temp.: 0  -  25; KM-Abschnitt: S_KM_FN; Geschlecht: W
Call:
lm(formula = S_KM_FN ~ poly(TMP_MEAN_RND1, reg_poly), data = final_selection)

Residuals:
    Min      1Q  Median      3Q     Max
-349.03 -229.31  -26.18  233.21  497.63

Coefficients:
                              Estimate Std. Error t value Pr(>|t|)
(Intercept)                     8742.1       84.9 102.974   <2e-16 ***
poly(TMP_MEAN_RND1, reg_poly)1   -312.6      306.1  -1.021    0.331
poly(TMP_MEAN_RND1, reg_poly)2    457.2      306.1   1.494    0.166
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 306.1 on 10 degrees of freedom
Multiple R-squared:  0.2466,    Adjusted R-squared:  0.09596
F-statistic: 1.637 on 2 and 10 DF,  p-value: 0.2427

------------------------------------------------------------------------------
```