1. **ANEXO**

**Resultados Vector Autoregressions (VAR)**

Coeficientes regresiones para series temporales horarias:

* + - Lag 2:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -38.0405

Nobs: 11687.0 HQIC: -38.0635

Log likelihood: 139632. FPE: 2.91179e-17

AIC: -38.0752 Det(Omega\_mle): 2.89813e-17

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.006785 0.000470 14.445 0.000

L1.Conduct 1.994183 0.000961 2075.336 0.000

L1.Water 0.005364 0.002568 2.089 0.037

L1.Temp 0.005191 0.001405 3.696 0.000

L1.Precip. horaria 0.000672 0.000176 3.817 0.000

L1.Temp. prom aire -0.000008 0.000028 -0.292 0.770

L2.Conduct -0.994222 0.000960 -1035.727 0.000

L2.Water -0.005460 0.002567 -2.127 0.033

L2.Temp -0.005346 0.001405 -3.806 0.000

L2.Precip. horaria 0.000489 0.000176 2.776 0.006

L2.Temp. prom aire -0.000012 0.000028 -0.431 0.667

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002676 0.000223 11.976 0.000

L1.Conduct 0.008985 0.000457 19.652 0.000

L1.Water 1.964064 0.001222 1607.137 0.000

L1.Temp -0.001041 0.000668 -1.558 0.119

L1.Precip. horaria 0.000261 0.000084 3.119 0.002

L1.Temp. prom aire -0.000007 0.000013 -0.534 0.593

L2.Conduct -0.008998 0.000457 -19.701 0.000

L2.Water -0.964110 0.001222 -789.263 0.000

L2.Temp 0.000980 0.000668 1.467 0.143

L2.Precip. horaria -0.000034 0.000084 -0.407 0.684

L2.Temp. prom aire 0.000003 0.000013 0.200 0.841

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003221 0.000255 12.614 0.000

L1.Conduct -0.002178 0.000522 -4.170 0.000

L1.Water 0.003223 0.001396 2.308 0.021

L1.Temp 1.997987 0.000764 2616.544 0.000

L1.Precip. horaria -0.000037 0.000096 -0.391 0.696

L1.Temp. prom aire 0.000035 0.000015 2.345 0.019

L2.Conduct 0.002160 0.000522 4.138 0.000

L2.Water -0.003256 0.001396 -2.333 0.020

L2.Temp -0.998060 0.000764 -1306.945 0.000

L2.Precip. horaria -0.000016 0.000096 -0.162 0.871

L2.Temp. prom aire -0.000059 0.000015 -3.969 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.069677 0.024404 -2.855 0.004

L1.Conduct -0.041955 0.049929 -0.840 0.401

L1.Water 0.773798 0.133456 5.798 0.000

L1.Temp 0.033812 0.072980 0.463 0.643

L1.Precip. horaria 0.585057 0.009150 63.938 0.000

L1.Temp. prom aire -0.000683 0.001430 -0.478 0.633

L2.Conduct 0.041432 0.049878 0.831 0.406

L2.Water -0.769475 0.133395 -5.768 0.000

L2.Temp -0.033061 0.072986 -0.453 0.651

L2.Precip. horaria 0.151572 0.009150 16.566 0.000

L2.Temp. prom aire 0.001275 0.001429 0.892 0.372

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.770959 0.097258 7.927 0.000

L1.Conduct 0.200025 0.198980 1.005 0.315

L1.Water -0.605581 0.531860 -1.139 0.255

L1.Temp 2.453455 0.290846 8.436 0.000

L1.Precip. horaria 0.058300 0.036467 1.599 0.110

L1.Temp. prom aire 1.706454 0.005699 299.419 0.000

L2.Conduct -0.199234 0.198779 -1.002 0.316

L2.Water 0.594271 0.531618 1.118 0.264

L2.Temp -2.423517 0.290869 -8.332 0.000

L2.Precip. horaria 0.005906 0.036465 0.162 0.871

L2.Temp. prom aire -0.787782 0.005696 -138.314 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. Horaria Temp. prom aire

Conduct 1.000000 0.766666 0.187715 0.035720 -0.006720

Water 0.766666 1.000000 0.056533 0.035216 -0.006931

Temp 0.187715 0.056533 1.000000 -0.003918 0.009501

Precip. Horaria 0.035720 0.035216 -0.003918 1.000000 -0.025227

Temp. prom aire -0.006720 -0.006931 0.009501 -0.025227 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -36.1053

Nobs: 11687.0 HQIC: -36.1283

Log likelihood: 128323. FPE: 2.01664e-16

AIC: -36.1399 Det(Omega\_mle): 2.00717e-16

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.008982 0.000637 14.096 0.000

L1.Conduct 2.007198 0.001098 1827.796 0.000

L1.Water -0.043558 0.003257 -13.373 0.000

L1.Temp -0.007400 0.001401 -5.282 0.000

L1.Precip. horaria 0.001270 0.000237 5.354 0.000

L1.Temp. prom aire -0.000020 0.000037 -0.535 0.593

L2.Conduct -1.007266 0.001098 -917.468 0.000

L2.Water 0.043392 0.003257 13.324 0.000

L2.Temp 0.007179 0.001401 5.125 0.000

L2.Precip. horaria -0.000146 0.000237 -0.617 0.537

L2.Temp. prom aire 0.000027 0.000037 0.735 0.462

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002928 0.000253 11.562 0.000

L1.Conduct 0.008571 0.000436 19.637 0.000

L1.Water 1.970957 0.001295 1522.514 0.000

L1.Temp -0.003782 0.000557 -6.793 0.000

L1.Precip. horaria 0.000242 0.000094 2.565 0.010

L1.Temp. prom aire -0.000006 0.000015 -0.432 0.666

L2.Conduct -0.008585 0.000436 -19.673 0.000

L2.Water -0.971030 0.001294 -750.175 0.000

L2.Temp 0.003713 0.000557 6.669 0.000

L2.Precip. horaria -0.000350 0.000094 -3.720 0.000

L2.Temp. prom aire 0.000007 0.000015 0.510 0.610

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.004952 0.000399 12.419 0.000

L1.Conduct -0.001778 0.000687 -2.587 0.010

L1.Water 0.010536 0.002038 5.170 0.000

L1.Temp 1.996665 0.000877 2277.492 0.000

L1.Precip. horaria -0.000037 0.000148 -0.252 0.801

L1.Temp. prom aire -0.000013 0.000023 -0.561 0.575

L2.Conduct 0.001755 0.000687 2.554 0.011

L2.Water -0.010633 0.002038 -5.218 0.000

L2.Temp -0.996781 0.000877 -1137.028 0.000

L2.Precip. horaria 0.000132 0.000148 0.888 0.375

L2.Temp. prom aire -0.000013 0.000023 -0.555 0.579

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.088202 0.024618 -3.583 0.000

L1.Conduct -0.024849 0.042427 -0.586 0.558

L1.Water 1.045588 0.125836 8.309 0.000

L1.Temp -0.026446 0.054127 -0.489 0.625

L1.Precip. horaria 0.575868 0.009163 62.844 0.000

L1.Temp. prom aire -0.000759 0.001424 -0.533 0.594

L2.Conduct 0.024573 0.042416 0.579 0.562

L2.Water -1.040996 0.125823 -8.274 0.000

L2.Temp 0.027828 0.054125 0.514 0.607

L2.Precip. horaria 0.143035 0.009156 15.622 0.000

L2.Temp. prom aire 0.001301 0.001424 0.914 0.361

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.178981 0.098435 1.818 0.069

L1.Conduct 0.143047 0.169643 0.843 0.399

L1.Water 0.032788 0.503154 0.065 0.948

L1.Temp 1.616791 0.216428 7.470 0.000

L1.Precip. horaria 0.056483 0.036640 1.542 0.123

L1.Temp. prom aire 1.706326 0.005696 299.584 0.000

L2.Conduct -0.140910 0.169600 -0.831 0.406

L2.Water -0.030840 0.503101 -0.061 0.951

L2.Temp -1.575218 0.216418 -7.279 0.000

L2.Precip. horaria 0.002167 0.036611 0.059 0.953

L2.Temp. prom aire -0.788138 0.005693 -138.430 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.696610 0.042952 0.061599 -0.002614

Water 0.696610 1.000000 -0.016100 0.042428 -0.000935

Temp 0.042952 -0.016100 1.000000 -0.005331 -0.000512

Precip. horaria 0.061599 0.042428 -0.005331 1.000000 -0.025559

Temp. prom aire -0.002614 -0.000935 -0.000512 0.025559 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -33.4044

Nobs: 11687.0 HQIC: -33.4274

Log likelihood: 112540. FPE: 3.00342e-15

AIC: -33.4390 Det(Omega\_mle): 2.98932e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.034102 0.001923 17.734 0.000

L1.Conduct 1.996288 0.000735 2715.131 0.000

L1.Water 0.006773 0.005393 1.256 0.209

L1.Temp -0.039078 0.003589 -10.889 0.000

L1.Precip. horaria 0.000242 0.000664 0.365 0.715

L1.Temp. prom aire -0.000058 0.000104 -0.563 0.573

L2.Conduct -0.996431 0.000735 -1356.057 0.000

L2.Water -0.006866 0.005392 -1.273 0.203

L2.Temp 0.038223 0.003589 10.649 0.000

L2.Precip. horaria 0.000539 0.000664 0.812 0.417

L2.Temp. prom aire -0.000000 0.000104 -0.001 0.999

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.004348 0.000257 16.889 0.000

L1.Conduct 0.001425 0.000098 14.478 0.000

L1.Water 1.977117 0.000722 2738.347 0.000

L1.Temp -0.002429 0.000480 -5.056 0.000

L1.Precip. horaria 0.000459 0.000089 5.156 0.000

L1.Temp. prom aire 0.000001 0.000014 0.104 0.917

L2.Conduct -0.001440 0.000098 -14.635 0.000

L2.Water -0.977152 0.000722 -1353.788 0.000

L2.Temp 0.002324 0.000480 4.836 0.000

L2.Precip. horaria 0.000130 0.000089 1.465 0.143

L2.Temp. prom aire -0.000005 0.000014 -0.356 0.722

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.007243 0.000503 14.402 0.000

L1.Conduct 0.000837 0.000192 4.352 0.000

L1.Water 0.002563 0.001410 1.817 0.069

L1.Temp 1.995608 0.000939 2126.251 0.000

L1.Precip. horaria -0.000040 0.000174 -0.228 0.819

L1.Temp. prom aire -0.000008 0.000027 -0.298 0.766

L2.Conduct -0.000862 0.000192 -4.484 0.000

L2.Water -0.002594 0.001410 -1.840 0.066

L2.Temp -0.995789 0.000939 -1060.856 0.000

L2.Precip. horaria -0.000063 0.000174 -0.363 0.716

L2.Temp. prom aire -0.000021 0.000027 -0.780 0.435

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.014251 0.026501 0.538 0.591

L1.Conduct -0.025619 0.010133 -2.528 0.011

L1.Water 0.660253 0.074329 8.883 0.000

L1.Temp -0.001766 0.049460 -0.036 0.972

L1.Precip. horaria 0.582392 0.009155 63.611 0.000

L1.Temp. prom aire -0.000719 0.001428 -0.504 0.615

L2.Conduct 0.025320 0.010127 2.500 0.012

L2.Water -0.658249 0.074307 -8.859 0.000

L2.Temp 0.000353 0.049466 0.007 0.994

L2.Precip. horaria 0.148560 0.009156 16.225 0.000

L2.Temp. prom aire 0.001346 0.001428 0.943 0.346

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.565523 0.105894 5.340 0.000

L1.Conduct 0.004208 0.040490 0.104 0.917

L1.Water 0.264143 0.297015 0.889 0.374

L1.Temp 1.207426 0.197638 6.109 0.000

L1.Precip. horaria 0.059634 0.036585 1.630 0.103

L1.Temp. prom aire 1.707317 0.005707 299.171 0.000

L2.Conduct -0.003844 0.040465 -0.095 0.924

L2.Water -0.271582 0.296924 -0.915 0.360

L2.Temp -1.175655 0.197661 -5.948 0.000

L2.Precip. horaria 0.006620 0.036588 0.181 0.856

L2.Temp. prom aire -0.787245 0.005705 -137.999 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.471650 0.060248 0.007745 -0.003050

Water 0.471650 1.000000 0.096534 0.051834 -0.001470

Temp 0.060248 0.096534 1.000000 -0.000950 0.003848

Precip. horaria 0.007745 0.051834 -0.000950 1.000000 -0.024856

Temp. prom aire -0.003050 -0.001470 0.003848 -0.024856 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -35.8809

Nobs: 11687.0 HQIC: -35.9039

Log likelihood: 127012. FPE: 2.52395e-16

AIC: -35.9155 Det(Omega\_mle): 2.51211e-16

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.009273 0.000337 27.550 0.000

L1.Conduct 1.982742 0.002694 736.009 0.000

L1.Water 0.010782 0.001762 6.118 0.000

L1.Temp -0.003222 0.001572 -2.049 0.040

L1.Precip. horaria -0.000759 0.000212 -3.576 0.000

L1.Temp. prom aire -0.000025 0.000033 -0.757 0.449

L2.Conduct -0.983331 0.002692 -365.233 0.000

L2.Water -0.010845 0.001761 -6.158 0.000

L2.Temp 0.002919 0.001572 1.857 0.063

L2.Precip. horaria -0.001814 0.000212 -8.577 0.000

L2.Temp. prom aire 0.000030 0.000033 0.917 0.359

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.014131 0.000537 26.305 0.000

L1.Conduct -0.011223 0.004300 -2.610 0.009

L1.Water 2.004799 0.002813 712.750 0.000

L1.Temp -0.002299 0.002509 -0.916 0.360

L1.Precip. horaria -0.001148 0.000339 -3.387 0.001

L1.Temp. prom aire -0.000034 0.000053 -0.654 0.513

L2.Conduct 0.010493 0.004297 2.442 0.015

L2.Water -1.005007 0.002811 -357.546 0.000

L2.Temp 0.001839 0.002508 0.733 0.463

L2.Precip. horaria -0.002961 0.000338 -8.768 0.000

L2.Temp. prom aire 0.000045 0.000053 0.862 0.389

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.001502 0.000195 7.700 0.000

L1.Conduct 0.006465 0.001562 4.140 0.000

L1.Water -0.003762 0.001022 -3.683 0.000

L1.Temp 1.995652 0.000911 2189.761 0.000

L1.Precip. horaria -0.000014 0.000123 -0.116 0.908

L1.Temp. prom aire 0.000027 0.000019 1.429 0.153

L2.Conduct -0.006534 0.001561 -4.187 0.000

L2.Water 0.003754 0.001021 3.678 0.000

L2.Temp -0.995696 0.000911 -1092.969 0.000

L2.Precip. horaria 0.000093 0.000123 0.761 0.447

L2.Temp. prom aire -0.000045 0.000019 -2.361 0.018

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.064721 0.014524 -4.456 0.000

L1.Conduct 0.067886 0.116247 0.584 0.559

L1.Water 0.289274 0.076046 3.804 0.000

L1.Temp -0.031731 0.067845 -0.468 0.640

L1.Precip. horaria 0.570771 0.009160 62.312 0.000

L1.Temp. prom aire -0.000689 0.001420 -0.485 0.628

L2.Conduct -0.067589 0.116179 -0.582 0.561

L2.Water -0.284524 0.075994 -3.744 0.000

L2.Temp 0.033304 0.067819 0.491 0.623

L2.Precip. horaria 0.141249 0.009129 15.473 0.000

L2.Temp. prom aire 0.001294 0.001420 0.911 0.362

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.382582 0.058286 6.564 0.000

L1.Conduct 0.486997 0.466522 1.044 0.297

L1.Water -0.270322 0.305186 -0.886 0.376

L1.Temp 2.128904 0.272276 7.819 0.000

L1.Precip. horaria 0.061406 0.036760 1.670 0.095

L1.Temp. prom aire 1.706778 0.005700 299.457 0.000

L2.Conduct -0.483045 0.466249 -1.036 0.300

L2.Water 0.266365 0.304978 0.873 0.382

L2.Temp -2.091008 0.272170 -7.683 0.000

L2.Precip. horaria 0.009169 0.036636 0.250 0.802

L2.Temp. prom aire -0.787905 0.005697 -138.292 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.953098 -0.051490 -0.005963 0.002221

Water 0.953098 1.000000 -0.045070 -0.005312 0.002426

Temp -0.051490 -0.045070 1.000000 -0.003576 0.014811

Precip. horaria -0.005963 -0.005312 -0.003576 1.000000 -0.024734

Temp. prom aire 0.002221 0.002426 0.014811 -0.024734 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -37.7252

Nobs: 11687.0 HQIC: -37.7482

Log likelihood: 137789. FPE: 3.99110e-17

AIC: -37.7599 Det(Omega\_mle): 3.97237e-17

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.005285 0.000369 14.317 0.000

L1.Conduct 2.000415 0.000787 2540.223 0.000

L1.Water -0.011297 0.001971 -5.731 0.000

L1.Temp -0.006165 0.000991 -6.218 0.000

L1.Precip. horaria 0.000124 0.000155 0.803 0.422

L1.Temp. prom aire 0.000007 0.000024 0.298 0.766

L2.Conduct -1.000511 0.000787 -1271.421 0.000

L2.Water 0.011314 0.001970 5.742 0.000

L2.Temp 0.006015 0.000992 6.065 0.000

L2.Precip. horaria 0.000106 0.000155 0.689 0.491

L2.Temp. prom aire 0.000009 0.000024 0.366 0.714

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000762 0.000167 4.564 0.000

L1.Conduct 0.011082 0.000356 31.128 0.000

L1.Water 1.962434 0.000891 2202.075 0.000

L1.Temp -0.002960 0.000448 -6.604 0.000

L1.Precip. horaria 0.000268 0.000070 3.839 0.000

L1.Temp. prom aire 0.000000 0.000011 0.044 0.965

L2.Conduct -0.011085 0.000356 -31.160 0.000

L2.Water -0.962457 0.000891 -1080.397 0.000

L2.Temp 0.002940 0.000448 6.557 0.000

L2.Precip. horaria 0.000060 0.000070 0.855 0.393

L2.Temp. prom aire 0.000003 0.000011 0.280 0.779

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003792 0.000322 11.787 0.000

L1.Conduct -0.000827 0.000686 -1.205 0.228

L1.Water 0.007384 0.001718 4.298 0.000

L1.Temp 1.996927 0.000864 2311.071 0.000

L1.Precip. horaria -0.000025 0.000135 -0.187 0.852

L1.Temp. prom aire -0.000002 0.000021 -0.102 0.918

L2.Conduct 0.000788 0.000686 1.149 0.250

L2.Water -0.007413 0.001717 -4.317 0.000

L2.Temp -0.997017 0.000864 -1153.476 0.000

L2.Precip. horaria 0.000094 0.000135 0.695 0.487

L2.Temp. prom aire -0.000027 0.000021 -1.273 0.203

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.052671 0.021856 -2.410 0.016

L1.Conduct -0.020798 0.046625 -0.446 0.656

L1.Water 0.658744 0.116712 5.644 0.000

L1.Temp -0.047092 0.058702 -0.802 0.422

L1.Precip. horaria 0.586125 0.009149 64.061 0.000

L1.Temp. prom aire -0.000631 0.001431 -0.441 0.659

L2.Conduct 0.020592 0.046592 0.442 0.659

L2.Water -0.655740 0.116667 -5.621 0.000

L2.Temp 0.047784 0.058721 0.814 0.416

L2.Precip. horaria 0.152383 0.009149 16.655 0.000

L2.Temp. prom aire 0.001253 0.001430 0.876 0.381

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.382264 0.087020 4.393 0.000

L1.Conduct 0.039415 0.185637 0.212 0.832

L1.Water 0.212910 0.464682 0.458 0.647

L1.Temp 1.839262 0.233718 7.870 0.000

L1.Precip. horaria 0.059317 0.036428 1.628 0.103

L1.Temp. prom aire 1.706341 0.005697 299.522 0.000

L2.Conduct -0.037040 0.185502 -0.200 0.842

L2.Water -0.216525 0.464505 -0.466 0.641

L2.Temp -1.801921 0.233796 -7.707 0.000

L2.Precip. horaria 0.005824 0.036427 0.160 0.873

L2.Temp. prom aire -0.787960 0.005694 -138.382 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. Prom aire

Conduct 1.000000 0.692179 0.175595 0.016255 0.012783

Water 0.692179 1.000000 0.081860 0.042061 0.004298

Temp 0.175595 0.081860 1.000000 -0.003857 -0.000589

Precip. horaria 0.016255 0.042061 -0.003857 1.000000 -0.024909

Temp. prom aire 0.012783 0.004298 -0.000589 -0.024909 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -36.8255

Nobs: 11687.0 HQIC: -36.8485

Log likelihood: 132531. FPE: 9.81409e-17

AIC: -36.8601 Det(Omega\_mle): 9.76803e-17

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.008058 0.000607 13.276 0.000

L1.Conduct 1.997631 0.001102 1812.344 0.000

L1.Water -0.005455 0.002885 -1.891 0.059

L1.Temp -0.016650 0.001446 -11.517 0.000

L1.Precip. horaria 0.000295 0.000224 1.316 0.188

L1.Temp. prom aire -0.000005 0.000035 -0.139 0.889

L2.Conduct -0.997761 0.001101 -906.048 0.000

L2.Water 0.005413 0.002884 1.877 0.061

L2.Temp 0.016445 0.001446 11.371 0.000

L2.Precip. horaria 0.000185 0.000224 0.827 0.408

L2.Temp. prom aire 0.000006 0.000035 0.159 0.874

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002551 0.000219 11.635 0.000

L1.Conduct 0.020951 0.000398 52.618 0.000

L1.Water 1.928634 0.001042 1850.510 0.000

L1.Temp -0.006125 0.000522 -11.728 0.000

L1.Precip. horaria 0.000451 0.000081 5.575 0.000

L1.Temp. prom aire -0.000002 0.000013 -0.194 0.846

L2.Conduct -0.020973 0.000398 -52.721 0.000

L2.Water -0.928683 0.001042 -891.350 0.000

L2.Temp 0.006062 0.000522 11.603 0.000

L2.Precip. horaria 0.000181 0.000081 2.235 0.025

L2.Temp. prom aire 0.000005 0.000013 0.421 0.674

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003862 0.000363 10.633 0.000

L1.Conduct 0.001901 0.000660 2.882 0.004

L1.Water 0.004504 0.001727 2.609 0.009

L1.Temp 1.996798 0.000865 2307.854 0.000

L1.Precip. horaria -0.000046 0.000134 -0.340 0.734

L1.Temp. prom aire 0.000012 0.000021 0.575 0.566

L2.Conduct -0.001923 0.000659 -2.919 0.004

L2.Water -0.004571 0.001726 -2.648 0.008

L2.Temp -0.996890 0.000865 -1151.828 0.000

L2.Precip. horaria 0.000096 0.000134 0.717 0.473

L2.Temp. prom aire -0.000031 0.000021 -1.492 0.136

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.039191 0.024807 -1.580 0.114

L1.Conduct -0.078074 0.045050 -1.733 0.083

L1.Water 0.757837 0.117916 6.427 0.000

L1.Temp -0.049674 0.059092 -0.841 0.401

L1.Precip. horaria 0.584955 0.009150 63.927 0.000

L1.Temp. prom aire -0.000619 0.001430 -0.433 0.665

L2.Conduct 0.077186 0.045009 1.715 0.086

L2.Water -0.754265 0.117878 -6.399 0.000

L2.Temp 0.049826 0.059110 0.843 0.399

L2.Precip. horaria 0.151466 0.009148 16.558 0.000

L2.Temp. prom aire 0.001331 0.001429 0.931 0.352

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.279399 0.098828 2.827 0.005

L1.Conduct 0.147446 0.179472 0.822 0.411

L1.Water 0.132565 0.469754 0.282 0.778

L1.Temp 1.801980 0.235410 7.655 0.000

L1.Precip. horaria 0.062819 0.036454 1.723 0.085

L1.Temp. prom aire 1.706562 0.005696 299.599 0.000

L2.Conduct -0.144642 0.179306 -0.807 0.420

L2.Water -0.134974 0.469604 -0.287 0.774

L2.Temp -1.763703 0.235483 -7.490 0.000

L2.Precip. horaria 0.008804 0.036443 0.242 0.809

L2.Temp. prom aire -0.788200 0.005694 -138.416 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.739764 0.076811 0.016626 0.004365

Water 0.739764 1.000000 0.007809 0.056126 0.002069

Temp 0.076811 0.007809 1.000000 -0.005645 0.007614

Precip. horaria 0.016626 0.056126 -0.005645 1.000000 -0.024124

Temp. prom aire 0.004365 0.002069 0.007614 -0.024124 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -35.6851

Nobs: 11687.0 HQIC: -35.7081

Log likelihood: 125868. FPE: 3.06978e-16

AIC: -35.7198 Det(Omega\_mle): 3.05538e-16

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.014746 0.001296 11.376 0.000

L1.Conduct 2.004206 0.000982 2040.509 0.000

L1.Water -0.052491 0.005156 -10.181 0.000

L1.Temp -0.014737 0.004195 -3.513 0.000

L1.Precip. horaria 0.000246 0.000458 0.538 0.591

L1.Temp. prom aire -0.000016 0.000071 -0.226 0.821

L2.Conduct -1.004272 0.000982 -1022.979 0.000

L2.Water 0.052400 0.005156 10.163 0.000

L2.Temp 0.014362 0.004196 3.422 0.001

L2.Precip. horaria -0.000021 0.000458 -0.045 0.964

L2.Temp. prom aire 0.000031 0.000071 0.435 0.664

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002058 0.000276 7.443 0.000

L1.Conduct 0.006704 0.000210 31.999 0.000

L1.Water 1.956084 0.001100 1778.597 0.000

L1.Temp -0.004624 0.000895 -5.167 0.000

L1.Precip. horaria 0.000496 0.000098 5.077 0.000

L1.Temp. prom aire -0.000005 0.000015 -0.358 0.720

L2.Conduct -0.006705 0.000209 -32.020 0.000

L2.Water -0.956138 0.001100 -869.379 0.000

L2.Temp 0.004581 0.000895 5.118 0.000

L2.Precip. horaria 0.000169 0.000098 1.733 0.083

L2.Temp. prom aire 0.000005 0.000015 0.325 0.745

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002211 0.000262 8.450 0.000

L1.Conduct -0.000432 0.000198 -2.177 0.029

L1.Water 0.004627 0.001041 4.446 0.000

L1.Temp 1.997124 0.000847 2358.623 0.000

L1.Precip. horaria -0.000091 0.000092 -0.988 0.323

L1.Temp. prom aire 0.000026 0.000014 1.828 0.068

L2.Conduct 0.000427 0.000198 2.153 0.031

L2.Water -0.004652 0.001041 -4.471 0.000

L2.Temp -0.997175 0.000847 -1177.339 0.000

L2.Precip. horaria -0.000047 0.000092 -0.513 0.608

L2.Temp. prom aire -0.000041 0.000014 -2.868 0.004

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.058362 0.025906 -2.253 0.024

L1.Conduct -0.069933 0.019630 -3.563 0.000

L1.Water 0.815850 0.103044 7.918 0.000

L1.Temp -0.009683 0.083844 -0.115 0.908

L1.Precip. horaria 0.583582 0.009154 63.748 0.000

L1.Temp. prom aire -0.000678 0.001429 -0.474 0.635

L2.Conduct 0.069683 0.019620 3.552 0.000

L2.Water -0.812574 0.103044 -7.886 0.000

L2.Temp 0.010182 0.083868 0.121 0.903

L2.Precip. horaria 0.149643 0.009157 16.342 0.000

L2.Temp. prom aire 0.001319 0.001428 0.923 0.356

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.416406 0.103346 4.029 0.000

L1.Conduct 0.043843 0.078311 0.560 0.576

L1.Water -0.099765 0.411074 -0.243 0.808

L1.Temp 2.744466 0.334480 8.205 0.000

L1.Precip. horaria 0.060592 0.036520 1.659 0.097

L1.Temp. prom aire 1.706872 0.005701 299.418 0.000

L2.Conduct -0.042791 0.078272 -0.547 0.585

L2.Water 0.094611 0.411075 0.230 0.818

L2.Temp -2.706559 0.334575 -8.090 0.000

L2.Precip. horaria 0.008701 0.036529 0.238 0.812

L2.Temp. prom aire -0.787830 0.005698 -138.255 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.716024 0.055128 0.009888 0.004550

Water 0.716024 1.000000 -0.006557 0.051325 -0.002069

Temp 0.055128 -0.006557 1.000000 -0.008922 0.015950

Precip. horaria 0.009888 0.051325 -0.008922 1.000000 -0.024782

Temp. prom aire 0.004550 -0.002069 0.015950 -0.024782 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -36.6977

Nobs: 11687.0 HQIC: -36.7207

Log likelihood: 131785. FPE: 1.11518e-16

AIC: -36.7323 Det(Omega\_mle): 1.10995e-16

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.004881 0.000363 13.434 0.000

L1.Conduct 1.983932 0.001139 1742.503 0.000

L1.Water 0.025905 0.001908 13.579 0.000

L1.Temp -0.007281 0.001092 -6.667 0.000

L1.Precip. horaria -0.000098 0.000168 -0.585 0.559

L1.Temp. prom aire -0.000004 0.000026 -0.144 0.886

L2.Conduct -0.984043 0.001138 -864.899 0.000

L2.Water -0.025930 0.001907 -13.598 0.000

L2.Temp 0.007130 0.001092 6.529 0.000

L2.Precip. horaria -0.000377 0.000168 -2.240 0.025

L2.Temp. prom aire 0.000015 0.000026 0.554 0.579

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003695 0.000254 14.534 0.000

L1.Conduct 0.001671 0.000797 2.097 0.036

L1.Water 1.983476 0.001335 1485.964 0.000

L1.Temp -0.004610 0.000764 -6.033 0.000

L1.Precip horaria 0.000210 0.000118 1.784 0.074

L1.Temp. prom aire -0.000002 0.000018 -0.110 0.912

L2.Conduct -0.001741 0.000796 -2.187 0.029

L2.Water -0.983514 0.001334 -737.176 0.000

L2.Temp 0.004497 0.000764 5.887 0.000

L2.Precip. horaria -0.000101 0.000118 -0.861 0.389

L2.Temp. prom aire 0.000009 0.000018 0.517 0.605

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003255 0.000296 11.005 0.000

L1.Conduct 0.001406 0.000927 1.517 0.129

L1.Water 0.002797 0.001553 1.801 0.072

L1.Temp 1.996445 0.000889 2245.484 0.000

L1.Precip. horaria -0.000025 0.000137 -0.183 0.855

L1.Temp. prom aire -0.000013 0.000021 -0.595 0.552

L2.Conduct -0.001440 0.000926 -1.555 0.120

L2.Water -0.002842 0.001552 -1.831 0.067

L2.Temp -0.996529 0.000889 -1121.002 0.000

L2.Precip. horaria 0.000076 0.000137 0.554 0.580

L2.Temp. prom aire -0.000019 0.000021 -0.872 0.383

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.036253 0.019772 -1.833 0.067

L1.Conduct -0.237634 0.061958 -3.835 0.000

L1.Water 0.748169 0.103818 7.207 0.000

L1.Temp -0.014939 0.059433 -0.251 0.802

L1.Precip. horaria 0.585116 0.009150 63.945 0.000

L1.Temp. prom aire -0.000632 0.001430 -0.442 0.658

L2.Conduct 0.236847 0.061914 3.825 0.000

L2.Water -0.744968 0.103768 -7.179 0.000

L2.Temp 0.015297 0.059424 0.257 0.797

L2.Precip. horaria 0.151626 0.009147 16.576 0.000

L2.Temp. prom aire 0.001283 0.001429 0.898 0.369

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.369889 0.078765 4.696 0.000

L1.Conduct 0.261606 0.246814 1.060 0.289

L1.Water -0.101245 0.413568 -0.245 0.807

L1.Temp 1.913595 0.236755 8.083 0.000

L1.Precip. horaria 0.060674 0.036451 1.665 0.096

L1.Temp. prom aire 1.706313 0.005698 299.482 0.000

L2.Conduct -0.260025 0.246641 -1.054 0.292

L2.Water 0.099879 0.413369 0.242 0.809

L2.Temp -1.876065 0.236720 -7.925 0.000

L2.Precip. horaria 0.007351 0.036440 0.202 0.840

L2.Temp. prom aire -0.787826 0.005694 -138.352 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.768849 0.045272 -0.001076 0.002687

Water 0.768849 1.000000 -0.000309 0.024957 0.003395

Temp 0.045272 -0.000309 1.000000 -0.003381 -0.001574

Precip. horaria -0.001076 0.024957 -0.003381 1.000000 -0.024637

Temp. prom aire 0.002687 0.003395 -0.001574 -0.024637 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -38.4154

Nobs: 11687.0 HQIC: -38.4385

Log likelihood: 141822. FPE: 2.00140e-17

AIC: -38.4501 Det(Omega\_mle): 1.99200e-17

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002643 0.000197 13.443 0.000

L1.Conduct 2.003306 0.000897 2232.998 0.000

L1.Water -0.013382 0.001093 -12.249 0.000

L1.Temp -0.000093 0.000594 -0.156 0.876

L1.Precip. horaria 0.000663 0.000087 7.666 0.000

L1.Temp. prom aire 0.000007 0.000014 0.503 0.615

L2.Conduct -1.003383 0.000897 -1118.954 0.000

L2.Water 0.013375 0.001092 12.244 0.000

L2.Temp 0.000028 0.000594 0.048 0.962

L2.Precip. horaria 0.000767 0.000087 8.854 0.000

L2.Temp. prom aire -0.000017 0.000014 -1.252 0.211

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.001467 0.000198 7.424 0.000

L1.Conduct 0.018780 0.000902 20.831 0.000

L1.Water 1.970904 0.001098 1795.196 0.000

L1.Temp -0.002798 0.000597 -4.690 0.000

L1.Precip. horaria 0.000368 0.000087 4.228 0.000

L1.Temp. prom aire -0.000006 0.000014 -0.420 0.674

L2.Conduct -0.018805 0.000901 -20.870 0.000

L2.Water -0.970926 0.001098 -884.466 0.000

L2.Temp 0.002764 0.000597 4.631 0.000

L2.Precip. horaria 0.000196 0.000087 2.249 0.025

L2.Temp. prom aire 0.000002 0.000014 0.147 0.883

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003128 0.000282 11.090 0.000

L1.Conduct -0.005842 0.001287 -4.539 0.000

L1.Water 0.008044 0.001568 5.131 0.000

L1.Temp 1.997570 0.000852 2344.902 0.000

L1.Precip. horaria -0.000067 0.000124 -0.542 0.588

L1.Temp. prom aire 0.000045 0.000019 2.295 0.022

L2.Conduct 0.005787 0.001287 4.498 0.000

L2.Water -0.008068 0.001567 -5.147 0.000

L2.Temp -0.997648 0.000852 -1170.584 0.000

L2.Precip. horaria 0.000019 0.000124 0.153 0.878

L2.Temp. prom aire -0.000068 0.000019 -3.487 0.000

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.025289 0.020780 -1.217 0.224

L1.Conduct -0.205594 0.094828 -2.168 0.030

L1.Water 0.705230 0.115483 6.107 0.000

L1.Temp 0.025975 0.062755 0.414 0.679

L1.Precip. horaria 0.587394 0.009147 64.215 0.000

L1.Temp. prom aire -0.000626 0.001431 -0.438 0.662

L2.Conduct 0.205035 0.094783 2.163 0.031

L2.Water -0.703173 0.115470 -6.090 0.000

L2.Temp -0.025960 0.062784 -0.413 0.679

L2.Precip. horaria 0.153743 0.009152 16.799 0.000

L2.Temp. prom aire 0.001317 0.001431 0.921 0.357

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.598737 0.082779 7.233 0.000

L1.Conduct 0.391173 0.377752 1.036 0.300

L1.Water -0.176848 0.460029 -0.384 0.701

L1.Temp 2.082515 0.249988 8.330 0.000

L1.Precip. horaria 0.061549 0.036439 1.689 0.091

L1.Temp. prom aire 1.706754 0.005702 299.327 0.000

L2.Conduct -0.384592 0.377573 -1.019 0.308

L2.Water 0.165276 0.459978 0.359 0.719

L2.Temp -2.051324 0.250101 -8.202 0.000

L2.Precip. horaria 0.007846 0.036458 0.215 0.830

L2.Temp. prom aire -0.787632 0.005699 -138.210 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.611204 0.107769 0.057592 -0.004587

Water 0.611204 1.000000 -0.043596 0.038174 -0.006255

Temp 0.107769 -0.043596 1.000000 -0.006268 0.015543

Precip. horaria 0.057592 0.038174 -0.006268 1.000000 -0.024387

Temp. prom aire -0.004587 -0.006255 0.015543 -0.024387 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -36.8424

Nobs: 11687.0 HQIC: -36.8654

Log likelihood: 132630. FPE: 9.64935e-17

AIC: -36.8771 Det(Omega\_mle): 9.60407e-17

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.016406 0.001480 11.083 0.000

L1.Conduct 1.996772 0.001089 1833.152 0.000

L1.Water -0.008046 0.008025 -1.003 0.316

L1.Temp 0.010673 0.005269 2.026 0.043

L1.Precip. horaria 0.000290 0.000505 0.574 0.566

L1.Temp. prom aire -0.000043 0.000079 -0.547 0.584

L2.Conduct -0.996806 0.001088 -915.968 0.000

L2.Water 0.007866 0.008022 0.981 0.327

L2.Temp -0.011087 0.005271 -2.103 0.035

L2.Precip. horaria -0.000307 0.000504 -0.609 0.543

L2.Temp. prom aire -0.000014 0.000079 -0.175 0.861

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.001877 0.000224 8.379 0.000

L1.Conduct 0.003499 0.000165 21.222 0.000

L1.Water 1.963338 0.001215 1616.333 0.000

L1.Temp 0.001056 0.000798 1.324 0.186

L1.Precip. horaria 0.000120 0.000076 1.569 0.117

L1.Temp. prom aire -0.000008 0.000012 -0.648 0.517

L2.Conduct -0.003502 0.000165 -21.258 0.000

L2.Water -0.963369 0.001214 -793.388 0.000

L2.Temp -0.001097 0.000798 -1.375 0.169

L2.Precip. horaria -0.000178 0.000076 -2.332 0.020

L2.Temp. prom aire 0.000000 0.000012 0.041 0.968

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002307 0.000192 11.990 0.000

L1.Conduct 0.000328 0.000142 2.314 0.021

L1.Water -0.005301 0.001043 -5.081 0.000

L1.Temp 1.998587 0.000685 2917.590 0.000

L1.Precip. horaria 0.000008 0.000066 0.125 0.901

L1.Temp. prom aire 0.000033 0.000010 3.220 0.001

L2.Conduct -0.000332 0.000141 -2.346 0.019

L2.Water 0.005277 0.001043 5.060 0.000

L2.Temp -0.998648 0.000685 -1457.328 0.000

L2.Precip. horaria -0.000036 0.000066 -0.553 0.580

L2.Temp. prom aire -0.000045 0.000010 -4.378 0.000

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.088389 0.026818 -3.296 0.001

L1.Conduct -0.061357 0.019735 -3.109 0.002

L1.Water 1.079696 0.145387 7.426 0.000

L1.Temp 0.118117 0.095464 1.237 0.216

L1.Precip. horaria 0.583808 0.009150 63.805 0.000

L1.Temp. prom. aire -0.000735 0.001429 -0.515 0.607

L2.Conduct 0.060934 0.019717 3.090 0.002

L2.Water -1.073541 0.145334 -7.387 0.000

L2.Temp -0.117662 0.095498 -1.232 0.218

L2.Precip. horaria 0.151096 0.009140 16.531 0.000

L2.Temp. prom. aire 0.001275 0.001428 0.893 0.372

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.828592 0.107070 7.739 0.000

L1.Conduct 0.039209 0.078790 0.498 0.619

L1.Water -0.713602 0.580446 -1.229 0.219

L1.Temp 2.990769 0.381132 7.847 0.000

L1.Precip. horaria 0.056217 0.036530 1.539 0.124

L1.Temp. prom aire 1.707237 0.005704 299.331 0.000

L2.Conduct -0.038851 0.078717 -0.494 0.622

L2.Water 0.699221 0.580236 1.205 0.228

L2.Temp -2.954944 0.381269 -7.750 0.000

L2.Precip. horaria 0.003764 0.036491 0.103 0.918

L2.Temp. prom aire -0.787679 0.005702 -138.147 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.762029 0.189490 0.009039 -0.007624

Water 0.762029 1.000000 0.101623 0.026299 -0.008411

Temp 0.189490 0.101623 1.000000 0.002622 0.015083

Precip. horaria 0.009039 0.026299 0.002622 1.000000 -0.025679

Temp. prom aire -0.007624 -0.008411 0.015083 -0.025679 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -37.3774

Nobs: 11686.0 HQIC: -37.4004

Log likelihood: 135745. FPE: 5.65117e-17

AIC: -37.4121 Det(Omega\_mle): 5.62465e-17

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003367 0.000299 11.269 0.000

L1.Conduct 2.009247 0.001197 1677.920 0.000

L1.Water -0.023710 0.001868 -12.690 0.000

L1.Temp -0.006858 0.001197 -5.729 0.000

L1.Precip. horaria 0.000490 0.000149 3.288 0.001

L1.Temp. prom aire -0.000011 0.000023 -0.478 0.633

L2.Conduct -1.009332 0.001196 -843.640 0.000

L2.Water 0.023700 0.001867 12.691 0.000

L2.Temp 0.006764 0.001197 5.653 0.000

L2.Precip. horaria -0.000229 0.000149 -1.535 0.125

L2.Temp. prom aire 0.000009 0.000023 0.405 0.686

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002425 0.000219 11.093 0.000

L1.Conduct 0.026032 0.000876 29.710 0.000

L1.Water 1.952388 0.001367 1428.028 0.000

L1.Temp -0.007072 0.000876 -8.074 0.000

L1.Precip. horaria 0.000548 0.000109 5.030 0.000

L1.Temp. prom aire -0.000008 0.000017 -0.490 0.624

L2.Conduct -0.026073 0.000875 -29.783 0.000

L2.Water -0.952425 0.001366 -696.992 0.000

L2.Temp 0.007007 0.000876 8.003 0.000

L2.Precip. horaria -0.000052 0.000109 -0.480 0.631

L2.Temp. prom aire 0.000005 0.000017 0.296 0.767

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.001805 0.000217 8.313 0.000

L1.Conduct -0.000004 0.000870 -0.005 0.996

L1.Water 0.003320 0.001357 2.445 0.014

L1.Temp 1.996201 0.000870 2295.362 0.000

L1.Precip. horaria -0.000077 0.000108 -0.715 0.475

L1.Temp. prom aire 0.000020 0.000017 1.181 0.238

L2.Conduct -0.000012 0.000869 -0.014 0.989

L2.Water -0.003350 0.001357 -2.469 0.014

L2.Temp -0.996247 0.000869 -1145.938 0.000

L2.Precip. horaria -0.000005 0.000108 -0.050 0.960

L2.Temp. prom aire -0.000037 0.000017 -2.216 0.027

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.063180 0.018383 -3.437 0.001

L1.Conduct -0.077613 0.073663 -1.054 0.292

L1.Water 0.751461 0.114940 6.538 0.000

L1.Temp -0.006617 0.073636 -0.090 0.928

L1.Precip. horaria 0.580783 0.009159 63.409 0.000

L1.Temp. prom aire -0.000741 0.001427 -0.519 0.604

L2.Conduct 0.077478 0.073598 1.053 0.292

L2.Water -0.748043 0.114880 -6.512 0.000

L2.Temp 0.007825 0.073611 0.106 0.915

L2.Precip. horaria 0.146974 0.009160 16.045 0.000

L2.Temp. prom aire 0.001324 0.001427 0.928 0.353

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.443590 0.073436 6.041 0.000

L1.Conduct 0.080528 0.294270 0.274 0.784

L1.Water 0.025137 0.459164 0.055 0.956

L1.Temp 2.246366 0.294163 7.636 0.000

L1.Precip. horaria 0.058077 0.036590 1.587 0.112

L1.Temp. prom aire 1.706945 0.005702 299.357 0.000

L2.Conduct -0.077046 0.294009 -0.262 0.793

L2.Water -0.030296 0.458925 -0.066 0.947

L2.Temp -2.211388 0.294063 -7.520 0.000

L2.Precip. horaria 0.005700 0.036593 0.156 0.876

L2.Temp. prom aire -0.787714 0.005700 -138.196 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.704812 0.033371 0.040961 -0.005469

Water 0.704812 1.000000 -0.022813 0.057293 -0.005380

Temp 0.033371 -0.022813 1.000000 -0.007551 0.013895

Precip. horaria 0.040961 0.057293 -0.007551 1.000000 -0.025310

Temp. prom aire -0.005469 -0.005380 0.013895 -0.025310 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -36.4746

Nobs: 11687.0 HQIC: -36.4976

Log likelihood: 130481. FPE: 1.39389e-16

AIC: -36.5093 Det(Omega\_mle): 1.38735e-16

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.006639 0.000532 12.488 0.000

L1.Conduct 2.002996 0.000835 2397.613 0.000

L1.Water -0.025628 0.002646 -9.687 0.000

L1.Temp -0.014344 0.002012 -7.130 0.000

L1.Precip. horaria 0.000169 0.000257 0.659 0.510

L1.Temp. prom aire 0.000032 0.000040 0.801 0.423

L2.Conduct -1.003122 0.000835 -1201.443 0.000

L2.Water 0.025608 0.002645 9.682 0.000

L2.Temp 0.014139 0.002011 7.031 0.000

L2.Precip. horaria 0.000212 0.000257 0.827 0.408

L2.Temp. prom aire -0.000034 0.000040 -0.851 0.395

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.001832 0.000176 10.417 0.000

L1.Conduct 0.011227 0.000276 40.633 0.000

L1.Water 1.952855 0.000875 2231.669 0.000

L1.Temp -0.004255 0.000665 -6.395 0.000

L1.Precip. horaria 0.000420 0.000085 4.950 0.000

L1.Temp. prom aire 0.000004 0.000013 0.326 0.744

L2.Conduct -0.011240 0.000276 -40.700 0.000

L2.Water -0.952904 0.000875 -1089.325 0.000

L2.Temp 0.004202 0.000665 6.317 0.000

L2.Precip. horaria 0.000110 0.000085 1.291 0.197

L2.Temp. prom aire -0.000004 0.000013 -0.301 0.764

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.002183 0.000221 9.874 0.000

L1.Conduct 0.000890 0.000347 2.563 0.010

L1.Water 0.000906 0.001100 0.823 0.410

L1.Temp 1.996436 0.000836 2386.708 0.000

L1.Precip. horaria -0.000028 0.000107 -0.258 0.796

L1.Temp. prom aire -0.000011 0.000017 -0.655 0.513

L2.Conduct -0.000905 0.000347 -2.608 0.009

L2.Water -0.000941 0.001100 -0.856 0.392

L2.Temp -0.996494 0.000836 -1191.664 0.000

L2.Precip. horaria 0.000037 0.000107 0.350 0.726

L2.Temp. prom aire -0.000010 0.000017 -0.581 0.561

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.054897 0.018950 -2.897 0.004

L1.Conduct -0.067904 0.029776 -2.280 0.023

L1.Water 0.646061 0.094301 6.851 0.000

L1.Temp -0.033052 0.071700 -0.461 0.645

L1.Precip. horaria 0.585287 0.009150 63.964 0.000

L1.Temp. prom aire -0.000646 0.001430 -0.452 0.651

L2.Conduct 0.067740 0.029759 2.276 0.023

L2.Water -0.642972 0.094268 -6.821 0.000

L2.Temp 0.034056 0.071678 0.475 0.635

L2.Precip. horaria 0.151690 0.009149 16.581 0.000

L2.Temp. prom aire 0.001249 0.001429 0.874 0.382

==============================================================

Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.359579 0.075473 4.764 0.000

L1.Conduct 0.104656 0.118593 0.882 0.378

L1.Water 0.037728 0.375579 0.100 0.920

L1.Temp 2.361443 0.285566 8.269 0.000

L1.Precip. horaria 0.059009 0.036444 1.619 0.105

L1.Temp. prom aire 1.706363 0.005696 299.564 0.000

L2.Conduct -0.103272 0.118525 -0.871 0.384

L2.Water -0.039282 0.375450 -0.105 0.917

L2.Temp -2.322470 0.285477 -8.135 0.000

L2.Precip. horaria 0.006293 0.036437 0.173 0.863

L2.Temp. prom aire -0.787990 0.005693 -138.405 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.547865 0.119217 0.009842 0.004629

Water 0.547865 1.000000 0.039858 0.050802 -0.000134

Temp 0.119217 0.039858 1.000000 -0.003388 -0.003265

Precip. horaria 0.009842 0.050802 -0.003388 1.000000 -0.025046

Temp. prom aire 0.004629 -0.000134 -0.003265 -0.025046 1.000000

* + - Lag 6:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -53.4225

Nobs: 11683.0 HQIC: -53.4874

Log likelihood: 229906. FPE: 5.70777e-24

AIC: -53.5202 Det(Omega\_mle): 5.63264e-24

--------------------------------------------------------------------

Results for equation Conduct

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000218 0.000068 3.194 0.001

L1.Conduct 2.979325 0.009551 311.943 0.000

L1.Water 5.897269 0.151211 39.000 0.000

L1.Temp -0.040322 0.018006 -2.239 0.025

L1.Precip. horaria 0.000009 0.000025 0.360 0.719

L1.Temp. prom aire -0.000001 0.000006 -0.221 0.825

L2.Conduct -2.782686 0.030391 -91.564 0.000

L2.Water -23.999287 0.717755 -33.437 0.000

L2.Temp 0.191566 0.060409 3.171 0.002

L2.Precip. horaria 0.000148 0.000029 5.074 0.000

L2.Temp. prom aire -0.000003 0.000012 -0.256 0.798

L3.Conduct 0.547580 0.040675 13.462 0.000

L3.Water 38.392506 1.395261 27.516 0.000

L3.Temp -0.300967 0.082713 -3.639 0.000

L3.Precip. horaria -0.000103 0.000029 -3.507 0.000

L3.Temp. prom aire 0.000004 0.000013 0.325 0.745

L4.Conduct 0.176852 0.040618 4.354 0.000

L4.Water -29.981735 1.387278 -21.612 0.000

L4.Temp 0.158530 0.082975 1.911 0.056

L4.Precip. horaria 0.000000 0.000029 0.012 0.991

L4.Temp. prom aire -0.000004 0.000013 -0.272 0.785

L5.Conduct 0.235733 0.029832 7.902 0.000

L5.Water 11.299752 0.704386 16.042 0.000

L5.Temp 0.021022 0.060678 0.346 0.729

L5.Precip. horaria 0.000025 0.000029 0.846 0.398

L5.Temp. prom aire 0.000015 0.000012 1.209 0.227

L6.Conduct -0.156807 0.009157 -17.125 0.000

L6.Water -1.608502 0.145838 -11.029 0.000

L6.Temp -0.029834 0.018066 -1.651 0.099

L6.Precip. horaria 0.000080 0.000025 3.169 0.002

L6.Temp. prom aire -0.000012 0.000006 -1.865 0.062

==============================================================

Results for equation Water

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000010 0.000004 2.857 0.004

L1.Conduct 0.001172 0.000497 2.356 0.018

L1.Water 5.231326 0.007873 664.432 0.000

L1.Temp -0.009738 0.000938 -10.387 0.000

L1.Precip. horaria -0.000000 0.000001 -0.210 0.834

L1.Temp. prom aire -0.000000 0.000000 -0.489 0.625

L2.Conduct -0.003081 0.001582 -1.947 0.052

L2.Water -11.520369 0.037373 -308.258 0.000

L2.Temp 0.038366 0.003145 12.197 0.000

L2.Precip. horaria -0.000005 0.000002 -3.238 0.001

L2.Temp. prom aire 0.000000 0.000001 0.278 0.781

L3.Conduct 0.003723 0.002118 1.758 0.079

L3.Water 13.698356 0.072649 188.554 0.000

L3.Temp -0.059586 0.004307 -13.836 0.000

L3.Precip. horaria 0.000006 0.000002 3.894 0.000

L3.Temp. prom aire 0.000000 0.000001 0.319 0.750

L4.Conduct -0.003650 0.002115 -1.726 0.084

L4.Water -9.293867 0.072234 -128.664 0.000

L4.Temp 0.045580 0.004320 10.550 0.000

L4.Precip. horaria 0.000001 0.000002 0.427 0.670

L4.Temp. prom aire -0.000000 0.000001 -0.573 0.566

L5.Conduct 0.002599 0.001553 1.673 0.094

L5.Water 3.417300 0.036676 93.174 0.000

L5.Temp -0.017188 0.003159 -5.440 0.000

L5.Precip. horaria -0.000006 0.000002 -3.704 0.000

L5.Temp. prom aire 0.000000 0.000001 0.466 0.641

L6.Conduct -0.000763 0.000477 -1.599 0.110

L6.Water -0.532747 0.007594 -70.157 0.000

L6.Temp 0.002566 0.000941 2.728 0.006

L6.Precip. horaria -0.000001 0.000001 -1.141 0.254

L6.Temp. prom aire -0.000000 0.000000 -0.449 0.654

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Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000099 0.000035 2.790 0.005

L1.Conduct -0.021727 0.004955 -4.385 0.000

L1.Water 0.603382 0.078449 7.691 0.000

L1.Temp 3.135349 0.009342 335.634 0.000

L1.Precip. horaria -0.000000 0.000013 -0.024 0.981

L1.Temp. prom aire 0.000002 0.000003 0.643 0.520

L2.Conduct 0.055719 0.015767 3.534 0.000

L2.Water -2.631851 0.372374 -7.068 0.000

L2.Temp -3.056388 0.031340 -97.523 0.000

L2.Precip. horaria 0.000000 0.000015 0.019 0.984

L2.Temp. prom aire -0.000010 0.000006 -1.525 0.127

L3.Conduct -0.031484 0.021102 -1.492 0.136

L3.Water 4.623067 0.723867 6.387 0.000

L3.Temp 0.517457 0.042912 12.059 0.000

L3.Precip. horaria 0.000008 0.000015 0.529 0.597

L3.Temp. prom aire 0.000008 0.000007 1.123 0.261

L4.Conduct -0.025526 0.021073 -1.211 0.226

L4.Water -4.098996 0.719725 -5.695 0.000

L4.Temp 0.377311 0.043048 8.765 0.000

L4.Precip. horaria 0.000001 0.000015 0.065 0.948

L4.Temp. prom aire 0.000003 0.000007 0.496 0.620

L5.Conduct 0.030958 0.015477 2.000 0.045

L5.Water 1.840153 0.365438 5.035 0.000

L5.Temp 0.240314 0.031480 7.634 0.000

L5.Precip. horaria 0.000000 0.000015 0.021 0.984

L5.Temp. prom aire 0.000006 0.000006 0.995 0.320

L6.Conduct -0.007940 0.004750 -1.672 0.095

L6.Water -0.335756 0.075661 -4.438 0.000

L6.Temp -0.214047 0.009373 -22.838 0.000

L6.Precip. horaria 0.000006 0.000013 0.453 0.651

L6.Temp. prom aire -0.000010 0.000003 -2.926 0.003

==============================================================

Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.080679 0.025145 -3.209 0.001

L1.Conduct 4.940220 3.515968 1.405 0.160

L1.Water 45.717813 55.665617 0.821 0.411

L1.Temp -2.006853 6.628567 -0.303 0.762

L1.Precip. horaria 0.580192 0.009269 62.592 0.000

L1.Temp. prom aire -0.002729 0.002346 -1.163 0.245

L2.Conduct -10.563580 11.187684 -0.944 0.345

L2.Water -206.095135 264.227739 -0.780 0.435

L2.Temp 4.972558 22.238284 0.224 0.823

L2.Precip. horaria 0.148132 0.010715 13.824 0.000

L2.Temp. prom aire 0.007761 0.004512 1.720 0.085

L3.Conduct 4.560807 14.973770 0.305 0.761

L3.Water 358.630565 513.638584 0.698 0.485

L3.Temp -4.169133 30.449111 -0.137 0.891

L3.Precip. horaria 0.009160 0.010820 0.847 0.397

L3.Temp. prom aire -0.005312 0.004849 -1.096 0.273

L4.Conduct 1.050194 14.952859 0.070 0.944

L4.Water -290.329252 510.699938 -0.568 0.570

L4.Temp 2.014008 30.545784 0.066 0.947

L4.Precip. horaria -0.028091 0.010820 -2.596 0.009

L4.Temp. prom aire 0.001956 0.004849 0.403 0.687

L5.Conduct 1.679521 10.982226 0.153 0.878

L5.Water 101.485653 259.306267 0.391 0.696

L5.Temp -1.339474 22.337606 -0.060 0.952

L5.Precip. horaria 0.003572 0.010736 0.333 0.739

L5.Temp. prom aire -0.003908 0.004513 -0.866 0.387

L6.Conduct -1.667538 3.370803 -0.495 0.621

L6.Water -9.405474 53.687599 -0.175 0.861

L6.Temp 0.529748 6.650516 0.080 0.937

L6.Precip. horaria 0.034322 0.009282 3.698 0.000

L6.Temp. prom aire 0.003158 0.002346 1.346 0.178

==============================================================

Results for equation Temp. prom aire

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.004365 0.099176 10.127 0.000

L1.Conduct -5.406604 13.867357 -0.390 0.697

L1.Water -40.083487 219.551196 -0.183 0.855

L1.Temp 5.176877 26.143781 0.198 0.843

L1.Precip. horaria 0.054501 0.036560 1.491 0.136

L1.Temp. prom aire 1.641405 0.009252 177.409 0.000

L2.Conduct 9.616855 44.125433 0.218 0.827

L2.Water 348.530564 1042.142700 0.334 0.738

L2.Temp -75.388887 87.710193 -0.860 0.390

L2.Precip. horaria 0.020849 0.042263 0.493 0.622

L2.Temp. prom aire -0.757380 0.017796 -42.559 0.000

L3.Conduct -1.727685 59.058166 -0.029 0.977

L3.Water -975.006689 2025.845972 -0.481 0.630

L3.Temp 251.012988 120.094577 2.090 0.037

L3.Precip. horaria -0.009823 0.042675 -0.230 0.818

L3.Temp. prom aire 0.084173 0.019124 4.402 0.000

L4.Conduct 0.013996 58.975690 0.000 1.000

L4.Water 1235.526977 2014.255637 0.613 0.540

L4.Temp -337.119458 120.475867 -2.798 0.005

L4.Precip. horaria -0.002978 0.042677 -0.070 0.944

L4.Temp. prom aire -0.043161 0.019125 -2.257 0.024

L5.Conduct -6.042681 43.315083 -0.140 0.889

L5.Water -740.560823 1022.731883 -0.724 0.469

L5.Temp 199.895560 88.101926 2.269 0.023

L5.Precip. horaria -0.000258 0.042343 -0.006 0.995

L5.Temp. prom aire 0.021617 0.017800 1.214 0.225

L6.Conduct 3.547279 13.294811 0.267 0.790

L6.Water 171.578610 211.749681 0.810 0.418

L6.Temp -43.536857 26.230352 -1.660 0.097

L6.Precip. horaria 0.028909 0.036609 0.790 0.430

L6.Temp. prom aire -0.054513 0.009251 -5.892 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.159959 0.246010 0.027212 -0.002708

Water 0.159959 1.000000 -0.018221 0.045711 -0.001699

Temp 0.246010 -0.018221 1.000000 0.001300 -0.010686

Precip. horaria 0.027212 0.045711 0.001300 1.000000 -0.024502

Temp. prom aire -0.002708 -0.001699 -0.010686 -0.024502 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -54.5449

Nobs: 11683.0 HQIC: -54.6098

Log likelihood: 236463. FPE: 1.85782e-24

AIC: -54.6426 Det(Omega\_mle): 1.83336e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000167 0.000031 5.299 0.000

L1.Conduct 4.125872 0.010987 375.537 0.000

L1.Water 2.430732 0.073096 33.254 0.000

L1.Temp -0.219050 0.007967 -27.494 0.000

L1.Precip. horaria -0.000009 0.000012 -0.743 0.457

L1.Temp. prom aire 0.000004 0.000003 1.244 0.213

L2.Conduct -6.564509 0.047443 -138.367 0.000

L2.Water -11.138801 0.344084 -32.372 0.000

L2.Temp 0.750675 0.030279 24.792 0.000

L2.Precip. horaria -0.000035 0.000013 -2.614 0.009

L2.Temp. prom aire -0.000007 0.000006 -1.205 0.228

L3.Conduct 4.764066 0.086717 54.938 0.000

L3.Water 20.623075 0.662008 31.152 0.000

L3.Temp -0.858023 0.048975 -17.520 0.000

L3.Precip. horaria 0.000081 0.000013 5.977 0.000

L3.Temp. prom aire 0.000005 0.000006 0.836 0.403

L4.Conduct -1.186241 0.085856 -13.817 0.000

L4.Water -19.316220 0.651563 -29.646 0.000

L4.Temp 0.249885 0.048184 5.186 0.000

L4.Precip. horaria -0.000004 0.000013 -0.319 0.750

L4.Temp. prom aire 0.000002 0.000006 0.339 0.734

L5.Conduct -0.291891 0.046112 -6.330 0.000

L5.Water 9.165924 0.328116 27.935 0.000

L5.Temp 0.166488 0.029310 5.680 0.000

L5.Precip horaria 0.000019 0.000013 1.440 0.150

L5.Temp. prom aire -0.000003 0.000006 -0.541 0.588

L6.Conduct 0.152701 0.010515 14.523 0.000

L6.Water , -1.764713 0.067573 -26.116 0.000

L6.Temp -0.089980 0.007721 -11.654 0.000

L6.Precip. horaria -0.000016 0.000012 -1.392 0.164

L6.Temp. prom aire -0.000000 0.000003 -0.126 0.900

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000006 0.000004 1.402 0.161

L1.Conduct 0.009450 0.001532 6.170 0.000

L1.Water 5.139769 0.010190 504.400 0.000

L1.Temp 0.032276 0.001111 29.061 0.000

L1.Precip. horaria -0.000003 0.000002 -1.995 0.046

L1.Temp. prom aire 0.000000 0.000000 0.365 0.715

L2.Conduct -0.041957 0.006614 -6.344 0.000

L2.Water -11.087484 0.047967 -231.150 0.000

L2.Temp -0.130340 0.004221 -30.878 0.000

L2.Precip. horaria -0.000002 0.000002 -1.034 0.301

L2.Temp. prom aire -0.000000 0.000001 -0.240 0.810

L3.Conduct 0.078296 0.012089 6.477 0.000

L3.Water 12.868439 0.092286 139.441 0.000

L3.Temp 0.200325 0.006827 29.342 0.000

L3.Precip horaria 0.000004 0.000002 2.063 0.039

L3.Temp. prom aire -0.000000 0.000001 -0.128 0.898

L4.Conduct -0.076579 0.011969 -6.398 0.000

L4.Water -8.487199 0.090830 -93.440 0.000

L4.Temp -0.141125 0.006717 -21.010 0.000

L4.Precip. horaria 0.000002 0.000002 1.141 0.254

L4.Temp. prom aire 0.000000 0.000001 0.495 0.621

L5.Conduct 0.038875 0.006428 6.047 0.000

L5.Water 3.019893 0.045740 66.022 0.000

L5.Temp 0.041244 0.004086 10.094 0.000

L5.Precip. horaria 0.000002 0.000002 0.921 0.357

L5.Temp. prom aire -0.000000 0.000001 -0.627 0.531

L6.Conduct -0.008084 0.001466 -5.515 0.000

L6.Water -0.453418 0.009420 -48.134 0.000

L6.Temp -0.002381 0.001076 -2.212 0.027

L6.Precip. horaria -0.000014 0.000002 -8.647 0.000

L6.Temp. prom aire 0.000000 0.000000 0.690 0.490

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000154 0.000042 3.639 0.000

L1.Conduct -0.119886 0.014807 -8.097 0.000

L1.Water 0.953266 0.098511 9.677 0.000

L1.Temp 3.421300 0.010737 318.641 0.000

L1.Precip. horaria 0.000008 0.000016 0.540 0.589

L1.Temp. prom aire 0.000004 0.000004 0.922 0.356

L2.Conduct 0.418995 0.063938 6.553 0.000

L2.Water -4.113340 0.463720 -8.870 0.000

L2.Temp -3.944381 0.040808 -96.658 0.000

L2.Precip. horaria 0.000003 0.000018 0.161 0.872

L2.Temp. prom aire -0.000009 0.000008 -1.211 0.226

L3.Conduct -0.506039 0.116868 -4.330 0.000

L3.Water 7.054511 0.892184 7.907 0.000

L3.Temp 1.277437 0.066003 19.354 0.000

L3.Precip. horaria -0.000000 0.000018 -0.022 0.982

L3.Temp. prom aire 0.000009 0.000008 1.125 0.261

L4.Conduct 0.196259 0.115708 1.696 0.090

L4.Water -5.998690 0.878108 -6.831 0.000

L4.Temp 0.572274 0.064937 8.813 0.000

L4.Precip. horaria 0.000009 0.000018 0.475 0.635

L4.Temp. prom aire 0.000004 0.000008 0.530 0.596

L5.Conduct 0.048871 0.062146 0.786 0.432

L5.Water 2.521530 0.442200 5.702 0.000

L5.Temp -0.307282 0.039501 -7.779 0.000

L5.Precip. horaria 0.000006 0.000018 0.358 0.720

L5.Temp. prom aire 0.000000 0.000008 0.052 0.959

L6.Conduct -0.038202 0.014171 -2.696 0.007

L6.Water -0.417279 0.091067 -4.582 0.000

L6.Temp -0.019352 0.010406 -1.860 0.063

L6.Precip. horaria 0.000010 0.000016 0.631 0.528

L6.Temp. prom aire -0.000009 0.000004 -2.205 0.027

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.112305 0.025084 -4.477 0.000

L1.Conduct 21.457826 8.750593 2.452 0.014

L1.Water 56.646727 58.219644 0.973 0.331

L1.Temp -2.102675 6.345606 -0.331 0.740

L1.Precip. horaria 0.567082 0.009262 61.229 0.000

L1.Temp. prom aire -0.002849 0.002332 -1.222 0.222

L2.Conduct -70.423004 37.787081 -1.864 0.062

L2.Water -310.927596 274.055763 -1.135 0.257

L2.Temp 7.336872 24.117001 0.304 0.761

L2.Precip. horaria 0.144095 0.010650 13.530 0.000

L2.Temp. prom aire 0.007777 0.004481 1.736 0.083

L3.Conduct 77.517741 69.068349 1.122 0.262

L3.Water 650.024278 527.275430 1.233 0.218

L3.Temp -8.479951 39.007368 -0.217 0.828

L3.Precip. horaria 0.008706 0.010731 0.811 0.417

L3.Temp. prom aire -0.005203 0.004814 -1.081 0.280

L4.Conduct -20.574773 68.382662 -0.301 0.764

L4.Water -648.559798 518.956338 -1.250 0.211

L4.Temp 1.671649 38.377373 0.044 0.965

L4.Precip. horaria -0.030978 0.010745 -2.883 0.004

L4.Temp. prom aire 0.001967 0.004814 0.409 0.683

L5.Conduct -17.077737 36.727617 -0.465 0.642

L5.Water 308.601591 261.337392 1.181 0.238

L5.Temp 3.271585 23.345094 0.140 0.889

L5.Precip. horaria 0.000195 0.010656 0.018 0.985

L5.Temp. prom aire -0.003964 0.004482 -0.884 0.377

L6.Conduct 9.099911 8.374703 1.087 0.277

L6.Water -55.780314 53.820170 -1.036 0.300

L6.Temp -1.695708 6.149702 -0.276 0.783

L6.Precip. horaria 0.030240 0.009240 3.273 0.001

L6.Temp. prom aire 0.003149 0.002333 1.350 0.177

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.213259 0.099517 2.143 0.032

L1.Conduct 0.801728 34.716442 0.023 0.982

L1.Water 144.716094 230.976226 0.627 0.531

L1.Temp 22.662863 25.175077 0.900 0.368

L1.Precip. horaria 0.052811 0.036744 1.437 0.151

L1.Temp. prom aire 1.638891 0.009251 177.149 0.000

L2.Conduct -6.120320 149.913614 -0.041 0.967

L2.Water -613.168139 1087.268166 -0.564 0.573

L2.Temp -130.690400 95.679970 -1.366 0.172

L2.Precip. horaria 0.021142 0.042251 0.500 0.617

L2.Temp. prom aire -0.755498 0.017777 -42.498 0.000

L3.Conduct 15.055891 274.016557 0.055 0.956

L3.Water 1051.570634 2091.872771 0.503 0.615

L3.Temp 282.455009 154.754888 1.825 0.068

L3.Precip. horaria -0.010123 0.042572 -0.238 0.812

L3.Temp. prom aire 0.084095 0.019100 4.403 0.000

L4.Conduct -17.290953 271.296217 -0.064 0.949

L4.Water -918.047435 2058.868234 -0.446 0.656

L4.Temp -281.333063 152.255495 -1.848 0.065

L4.Precip. horaria -0.005109 0.042630 -0.120 0.905

L4.Temp. prom aire -0.043137 0.019101 -2.258 0.024

L5.Conduct 10.083533 145.710376 0.069 0.945

L5.Water 410.711117 1036.810258 0.396 0.692

L5.Temp 126.730344 92.617565 1.368 0.171

L5.Precip. horaria -0.002987 0.042276 -0.071 0.944

L5.Temp. prom aire 0.023570 0.017782 1.326 0.185

L6.Conduct -2.526962 33.225166 -0.076 0.939

L6.Water -75.778969 213.522083 -0.355 0.723

L6.Temp -19.768447 24.397865 -0.810 0.418

L6.Precip. horaria 0.023274 0.036658 0.635 0.525

L6.Temp. prom aire -0.057423 0.009254 -6.205 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.294217 0.392295 0.007659 0.002655

Water 0.294217 1.000000 -0.210583 -0.004641 0.001221

Temp 0.392295 -0.210583 1.000000 0.004657 -0.004409

Precip. horaria 0.007659 -0.004641 0.004657 1.000000 -0.024858

Temp. prom aire 0.002655 0.001221 -0.004409 -0.024858 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -51.4822

Nobs: 11683.0 HQIC: -51.5471

Log likelihood: 218572. FPE: 3.97317e-23

AIC: -51.5799 Det(Omega\_mle): 3.92087e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.001258 0.000331 3.801 0.000

L1.Conduct 2.985335 0.009295 321.178 0.000

L1.Water 6.081100 0.347718 17.489 0.000

L1.Temp -2.243318 0.317177 -7.073 0.000

L1.Precip. horaria -0.000193 0.000112 -1.721 0.085

L1.Temp. prom aire -0.000014 0.000028 -0.482 0.630

L2.Conduct -2.701339 0.029898 -90.353 0.000

L2.Water -24.015449 1.532542 -15.670 0.000

L2.Temp 11.214257 1.524316 7.357 0.000

L2.Precip. horaria 0.000661 0.000129 5.112 0.000

L2.Temp. prom aire -0.000010 0.000054 -0.186 0.852

L3.Conduct 0.343876 0.039967 8.604 0.000

L3.Water 37.137471 2.840506 13.074 0.000

L3.Temp -22.731146 2.987965 -7.608 0.000

L3.Precip. horaria -0.000547 0.000130 -4.192 0.000

L3.Temp. prom aire 0.000033 0.000058 0.561 0.575

L4.Conduct 0.267437 0.039844 6.712 0.000

L4.Water -27.965810 2.817990 -9.924 0.000

L4.Temp 23.314050 2.988617 7.801 0.000

L4.Precip horaria 0.000029 0.000131 0.221 0.825

L4.Temp. prom aire -0.000025 0.000058 -0.433 0.665

L5.Conduct 0.309743 0.029640 10.450 0.000

L5.Water 10.183424 1.496510 6.805 0.000

L5.Temp -12.078605 1.525350 -7.919 0.000

L5.Precip. horaria 0.000154 0.000130 1.191 0.234

L5.Temp. prom aire 0.000054 0.000054 0.984 0.325

L6.Conduct -0.205057 0.009169 -22.364 0.000

L6.Water -1.420742 0.334289 -4.250 0.000

L6.Temp 2.524735 0.317559 7.950 0.000

L6.Precip. horaria 0.000111 0.000112 0.989 0.323

L6.Temp. prom aire -0.000044 0.000028 -1.567 0.117

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000036 0.000010 3.673 0.000

L1.Conduct -0.002268 0.000275 -8.237 0.000

L1.Water 4.113133 0.010301 399.289 0.000

L1.Temp -0.048591 0.009396 -5.171 0.000

L1.Precip. horaria 0.000001 0.000003 0.434 0.664

L1.Temp. prom aire 0.000001 0.000001 0.615 0.538

L2.Conduct 0.007399 0.000886 8.354 0.000

L2.Water -6.279823 0.045402 -138.317 0.000

L2.Temp 0.224210 0.045158 4.965 0.000

L2.Precip. horaria -0.000001 0.000004 -0.282 0.778

L2.Temp. prom aire -0.000001 0.000002 -0.859 0.390

L3.Conduct -0.007488 0.001184 -6.324 0.000

L3.Water 3.833440 0.084150 45.555 0.000

L3.Temp -0.419992 0.088518 -4.745 0.000

L3.Precip. horaria 0.000001 0.000004 0.321 0.748

L3.Temp. prom aire 0.000002 0.000002 1.096 0.273

L4.Conduct 0.000726 0.001180 0.615 0.539

L4.Water 0.035667 0.083483 0.427 0.669

L4.Temp 0.399224 0.088538 4.509 0.000

L4.Precip. horaria 0.000002 0.000004 0.519 0.604

L4.Temp. prom aire -0.000000 0.000002 -0.153 0.879

L5.Conduct 0.002746 0.000878 3.127 0.002

L5.Water -1.018369 0.044334 -22.970 0.000

L5.Temp -0.192465 0.045188 -4.259 0.000

L5.Precip. horaria -0.000002 0.000004 -0.505 0.613

L5.Temp. prom aire -0.000001 0.000002 -0.889 0.374

L6.Conduct -0.001115 0.000272 -4.104 0.000

L6.Water 0.315951 0.009903 31.904 0.000

L6.Temp 0.037613 0.009408 3.998 0.000

L6.Precip. horaria -0.000006 0.000003 -1.947 0.052

L6.Temp. prom aire 0.000001 0.000001 0.949 0.343

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000028 0.000011 2.650 0.008

L1.Conduct 0.000010 0.000297 0.033 0.974

L1.Water -0.517310 0.011116 -46.536 0.000

L1.Temp 5.076474 0.010140 500.640 0.000

L1.Precip. horaria -0.000001 0.000004 -0.247 0.805

L1.Temp. prom aire -0.000001 0.000001 -1.112 0.266

L2.Conduct -0.000006 0.000956 -0.007 0.995

L2.Water 2.328228 0.048995 47.520 0.000

L2.Temp -10.720514 0.048732 -219.991 0.000

L2.Precip. horaria 0.000002 0.000004 0.377 0.706

L2.Temp. prom aire 0.000002 0.000002 1.102 0.270

L3.Conduct 0.000119 0.001278 0.093 0.926

L3.Water -4.190395 0.090809 -46.145 0.000

L3.Temp 12.032825 0.095524 125.967 0.000

L3.Precip. horaria 0.000002 0.000004 0.504 0.614

L3.Temp. prom aire -0.000001 0.000002 -0.350 0.726

L4.Conduct -0.000426 0.001274 -0.334 0.738

L4.Water 3.770454 0.090090 41.852 0.000

L4.Temp -7.547119 0.095544 -78.991 0.000

L4.Precip. horaria 0.000001 0.000004 0.358 0.720

L4.Temp. prom aire 0.000002 0.000002 0.877 0.380

L5.Conduct 0.000465 0.000948 0.490 0.624

L5.Water -1.696181 0.047843 -35.453 0.000

L5.Temp 2.494899 0.048765 51.162 0.000

L5.Precip. horaria -0.000000 0.000004 -0.038 0.970

L5.Temp. prom aire -0.000002 0.000002 -1.184 0.237

L6.Conduct -0.000161 0.000293 -0.550 0.583

L6.Water 0.305204 0.010687 28.558 0.000

L6.Temp -0.336566 0.010152 -33.152 0.000

L6.Precip. horaria -0.000003 0.000004 -0.895 0.371

L6.Temp. prom aire 0.000000 0.000001 0.029 0.977

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.004909 0.027389 -0.179 0.858

L1.Conduct -1.134809 0.769085 -1.476 0.140

L1.Water 6.706230 28.770991 0.233 0.816

L1.Temp 11.397578 26.243930 0.434 0.664

L1.Precip. horaria 0.577368 0.009261 62.346 0.000

L1.Temp. prom aire -0.002765 0.002336 -1.184 0.237

L2.Conduct 2.608614 2.473804 1.054 0.292

L2.Water 40.190438 126.805996 0.317 0.751

L2.Temp -63.654016 126.125318 -0.505 0.614

L2.Precip. horaria 0.146681 0.010698 13.712 0.000

L2.Temp. prom aire 0.007837 0.004502 1.741 0.082

L3.Conduct -1.269447 3.306924 -0.384 0.701

L3.Water -194.667291 235.029806 -0.828 0.408

L3.Temp 141.018319 247.230908 0.570 0.568

L3.Precip. horaria 0.009194 0.010793 0.852 0.394

L3.Temp. prom aire -0.005430 0.004840 -1.122 0.262

L4.Conduct -0.921610 3.296814 -0.280 0.780

L4.Water 285.948802 233.166786 1.226 0.220

L4.Temp -155.588116 247.284838 -0.629 0.529

L4.Precip. horaria -0.029361 0.010801 -2.718 0.007

L4.Temp. prom aire 0.002087 0.004840 0.431 0.666

L5.Conduct 0.845431 2.452460 0.345 0.730

L5.Water -181.301882 123.824561 -1.464 0.143

L5.Temp 85.751152 126.210848 0.679 0.497

L5.Precip. horaria 0.001888 0.010717 0.176 0.860

L5.Temp. prom aire -0.004040 0.004504 -0.897 0.370

L6.Conduct -0.128419 0.758658 -0.169 0.866

L6.Water 43.125831 27.659825 1.559 0.119

L6.Temp -18.926035 26.275550 -0.720 0.471

L6.Precip. horaria 0.031266 0.009255 3.378 0.001

L6.Temp. prom aire 0.003280 0.002337 1.403 0.160

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.718033 0.108498 6.618 0.000

L1.Conduct -1.498992 3.046653 -0.492 0.623

L1.Water 181.359785 113.973348 1.591 0.112

L1.Temp -9.494047 103.962654 -0.091 0.927

L1.Precip. horaria 0.054401 0.036685 1.483 0.138

L1.Temp. prom aire 1.646428 0.009253 177.934 0.000

L2.Conduct 3.865711 9.799721 0.394 0.693

L2.Water -954.595985 502.329032 -1.900 0.057

L2.Temp 30.420292 499.632595 0.061 0.951

L2.Precip. horaria 0.020535 0.042378 0.485 0.628

L2.Temp. prom. aire -0.760998 0.017836 -42.667 0.000

L3.Conduct -3.154677 13.100043 -0.241 0.810

L3.Water 2052.771966 931.046630 2.205 0.027

L3.Temp -41.536794 979.380052 -0.042 0.966

L3.Precip. horaria -0.008982 0.042756 -0.210 0.834

L3.Temp. prom aire 0.084458 0.019174 4.405 0.000

L4.Conduct 1.122946 13.059994 0.086 0.931

L4.Water -2244.882102 923.666466 -2.430 0.015

L4.Temp 44.176580 979.593690 0.045 0.964

L4.Precip. horaria -0.005180 0.042786 -0.121 0.904

L4.Temp. prom aire -0.042824 0.019174 -2.233 0.026

L5.Conduct -0.767131 9.715170 -0.079 0.937

L5.Water 1243.572406 490.518381 2.535 0.011

L5.Temp -36.623744 499.971414 -0.073 0.942

L5.Precip. horaria -0.001666 0.042456 -0.039 0.969

L5.Temp. prom aire 0.018515 0.017841 1.038 0.299

L6.Conduct 0.432669 3.005345 0.144 0.886

L6.Water -278.235600 109.571580 -2.539 0.011

L6.Temp 13.099903 104.087913 0.126 0.900

L6.Precip. horaria 0.030500 0.036664 0.832 0.405

L6.Temp. prom aire -0.050178 0.009259 -5.420 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.260529 0.143732 -0.004914 -0.005862

Water 0.260529 1.000000 0.530341 -0.004472 -0.003352

Temp 0.143732 0.530341 1.000000 -0.000866 -0.009478

Precip. horaria -0.004914 -0.004472 -0.000866 1.000000 -0.024247

Temp. prom aire -0.005862 -0.003352 -0.009478 -0.024247 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -52.2462

Nobs: 11683.0 HQIC: -52.3111

Log likelihood: 223035. FPE: 1.85058e-23

AIC: -52.3440 Det(Omega\_mle): 1.82623e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000077 0.000023 3.327 0.001

L1.Conduct 2.899166 0.009151 316.828 0.000

L1.Water 1.322246 0.026951 49.061 0.000

L1.Temp 0.017108 0.009986 1.713 0.087

L1.Precip. horaria -0.000032 0.000014 -2.244 0.025

L1.Temp. prom aire -0.000002 0.000004 -0.492 0.623

L2.Conduct -2.470400 0.028603 -86.369 0.000

L2.Water -5.219506 0.127992 -40.780 0.000

L2.Temp -0.081758 0.035053 -2.332 0.020

L2.Precip. horaria 0.000094 0.000016 5.802 0.000

L2.Temp. prom aire 0.000003 0.000007 0.511 0.609

L3.Conduct 0.195609 0.036992 5.288 0.000

L3.Water 8.035016 0.249548 32.198 0.000

L3.Temp 0.152407 0.051048 2.986 0.003

L3.Precip. horaria -0.000082 0.000016 -5.023 0.000

L3.Temp. prom aire -0.000001 0.000007 -0.185 0.853

L4.Conduct 0.172315 0.037029 4.654 0.000

L4.Water -5.972805 0.249633 -23.926 0.000

L4.Temp -0.138692 0.050943 -2.722 0.006

L4.Precip. horaria -0.000005 0.000016 -0.298 0.765

L4.Temp. prom aire -0.000003 0.000007 -0.457 0.647

L5.Conduct 0.450413 0.028497 15.806 0.000

L5.Water 2.109549 0.128166 16.460 0.000

L5.Temp 0.061634 0.034938 1.764 0.078

L5.Precip. horaria 0.000005 0.000016 0.318 0.751

L5.Temp. prom aire 0.000007 0.000007 1.036 0.300

L6.Conduct -0.247116 0.009050 -27.304 0.000

L6.Water -0.274497 0.027036 -10.153 0.000

L6.Temp -0.010701 0.009959 -1.074 0.283

L6.Precip. horaria 0.000020 0.000014 1.404 0.160

L6.Temp. prom aire -0.000004 0.000004 -1.144 0.252

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000022 0.000007 3.190 0.001

L1.Conduct 0.004228 0.002726 1.551 0.121

L1.Water 5.298627 0.008028 659.988 0.000

L1.Temp 0.041341 0.002975 13.897 0.000

L1.Precip. horaria -0.000014 0.000004 -3.227 0.001

L1.Temp. prom aire -0.000001 0.000001 -0.678 0.498

L2.Conduct -0.005857 0.008520 -0.687 0.492

L2.Water -11.801813 0.038127 -309.540 0.000

L2.Temp -0.169411 0.010442 -16.225 0.000

L2.Precip. horaria 0.000017 0.000005 3.570 0.000

L2.Temp. prom aire 0.000002 0.000002 1.217 0.224

L3.Conduct 0.001858 0.011019 0.169 0.866

L3.Water 14.151585 0.074337 190.371 0.000

L3.Temp 0.267475 0.015206 17.590 0.000

L3.Precip. horaria -0.000015 0.000005 -3.150 0.002

L3.Temp. prom aire -0.000001 0.000002 -0.667 0.505

L4.Conduct -0.008566 0.011030 -0.777 0.437

L4.Water -9.637492 0.074362 -129.602 0.000

L4.Temp -0.198314 0.015175 -13.068 0.000

L4.Precip. horaria 0.000002 0.000005 0.473 0.636

L4.Temp. prom aire -0.000001 0.000002 -0.317 0.752

L5.Conduct 0.013949 0.008489 1.643 0.100

L5.Water 3.533943 0.038179 92.563 0.000

L5.Temp 0.065150 0.010408 6.260 0.000

L5.Precip. horaria -0.000009 0.000005 -1.940 0.052

L5.Temp. prom aire -0.000000 0.000002 -0.045 0.964

L6.Conduct -0.005612 0.002696 -2.082 0.037

L6.Water -0.544850 0.008054 -67.654 0.000

L6.Temp -0.006241 0.002967 -2.104 0.035

L6.Precip. horaria -0.000001 0.000004 -0.267 0.790

L6.Temp. prom aire 0.000001 0.000001 0.757 0.449

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000048 0.000022 2.209 0.027

L1.Conduct 0.075185 0.008519 8.825 0.000

L1.Water 0.037528 0.025092 1.496 0.135

L1.Temp 3.378427 0.009297 363.382 0.000

L1.Precip. horaria 0.000001 0.000013 0.093 0.926

L1.Temp. prom aire 0.000002 0.000003 0.750 0.453

L2.Conduct -0.226398 0.026629 -8.502 0.000

L2.Water -0.234094 0.119160 -1.965 0.049

L2.Temp -3.776180 0.032634 -115.713 0.000

L2.Precip. horaria 0.000002 0.000015 0.147 0.884

L2.Temp. prom aire -0.000008 0.000006 -1.261 0.207

L3.Conduct 0.181177 0.034439 5.261 0.000

L3.Water 0.553736 0.232330 2.383 0.017

L3.Temp 1.024260 0.047525 21.552 0.000

L3.Precip. horaria -0.000005 0.000015 -0.339 0.735

L3.Temp. prom aire 0.000007 0.000007 0.989 0.323

L4.Conduct 0.067946 0.034474 1.971 0.049

L4.Water -0.634820 0.232409 -2.731 0.006

L4.Temp 0.747662 0.047428 15.764 0.000

L4.Precip. horaria 0.000010 0.000015 0.666 0.506

L4.Temp. prom aire 0.000004 0.000007 0.606 0.545

L5.Conduct -0.149444 0.026531 -5.633 0.000

L5.Water 0.357044 0.119322 2.992 0.003

L5.Temp -0.357102 0.032527 -10.979 0.000

L5.Precip. horaria 0.000007 0.000015 0.471 0.637

L5.Temp. prom aire 0.000004 0.000006 0.698 0.485

L6.Conduct 0.051531 0.008426 6.116 0.000

L6.Water -0.079394 0.025170 -3.154 0.002

L6.Temp -0.017069 0.009272 -1.841 0.066

L6.Precip. horaria -0.000003 0.000013 -0.198 0.843

L6.Temp. prom aire -0.000009 0.000003 -2.746 0.006

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.063883 0.015261 -4.186 0.000

L1.Conduct -6.199493 6.011519 -1.031 0.302

L1.Water 55.302540 17.705667 3.123 0.002

L1.Temp 3.208915 6.560491 0.489 0.625

L1.Precip. horaria 0.567734 0.009265 61.276 0.000

L1.Temp. prom aire -0.002740 0.002330 -1.176 0.240

L2.Conduct 11.622179 18.790845 0.619 0.536

L2.Water -273.561245 84.084634 -3.253 0.001

L2.Temp -12.923276 23.027922 -0.561 0.575

L2.Precip. horaria 0.144787 0.010660 13.583 0.000

L2.Temp. prom aire 0.007782 0.004483 1.736 0.083

L3.Conduct -2.483112 24.301910 -0.102 0.919

L3.Water 551.294369 163.941920 3.363 0.001

L3.Temp 16.623095 33.536054 0.496 0.620

L3.Precip. horaria 0.007725 0.010745 0.719 0.472

L3.Temp. prom aire -0.005376 0.004817 -1.116 0.264

L4.Conduct -0.484917 24.326150 -0.020 0.984

L4.Water -564.106741 163.997668 -3.440 0.001

L4.Temp -4.615965 33.467278 -0.138 0.890

L4.Precip. horaria -0.029160 0.010757 -2.711 0.007

L4.Temp. prom aire 0.001985 0.004818 0.412 0.680

L5.Conduct -7.121627 18.721325 -0.380 0.704

L5.Water 292.401875 84.199006 3.473 0.001

L5.Temp -5.041784 22.952603 -0.220 0.826

L5.Precip. horaria 0.001373 0.010676 0.129 0.898

L5.Temp. prom aire -0.003855 0.004484 -0.860 0.390

L6.Conduct 4.667167 5.945734 0.785 0.432

L6.Water -61.326183 17.761168 -3.453 0.001

L6.Temp 2.750339 6.542851 0.420 0.674

L6.Precip. horaria 0.030615 0.009270 3.302 0.001

L6.Temp. prom aire 0.003174 0.002331 1.362 0.173

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.486115 0.060595 8.022 0.000

L1.Conduct 1.833816 23.869042 0.077 0.939

L1.Water 119.041109 70.301249 1.693 0.090

L1.Temp 22.255703 26.048763 0.854 0.393

L1.Precip. horaria 0.054188 0.036788 1.473 0.141

L1.Temp. prom aire 1.641848 0.009251 177.471 0.000

L2.Conduct 0.677155 74.610003 0.009 0.993

L2.Water -571.253998 333.862301 -1.711 0.087

L2.Temp -134.181410 91.433532 -1.468 0.142

L2.Precip. horaria 0.025037 0.042325 0.592 0.554

L2.Temp. prom aire -0.757507 0.017799 -42.559 0.000

L3.Conduct -9.541776 96.491963 -0.099 0.921

L3.Water 1108.721754 650.939702 1.703 0.089

L3.Temp 326.559078 133.156603 2.452 0.014

L3.Precip. horaria -0.009400 0.042663 -0.220 0.826

L3.Temp. prom aire 0.084033 0.019128 4.393 0.000

L4.Conduct 7.297308 96.588210 0.076 0.940

L4.Water -1088.607153 651.161052 -1.672 0.095

L4.Temp -382.313597 132.883523 -2.877 0.004

L4.Precip. horaria -0.001728 0.042711 -0.040 0.968

L4.Temp. prom aire -0.043131 0.019128 -2.255 0.024

L5.Conduct 2.801268 74.333969 0.038 0.970

L5.Water 540.646467 334.316420 1.617 0.106

L5.Temp 213.073660 91.134475 2.338 0.019

L5.Precip. horaria 0.001107 0.042389 0.026 0.979

L5.Temp. prom aire 0.021818 0.017805 1.225 0.220

L6.Conduct -3.061714 23.607838 -0.130 0.897

L6.Water -108.553090 70.521617 -1.539 0.124

L6.Temp -45.342388 25.978721 -1.745 0.081

L6.Precip. horaria 0.032535 0.036809 0.884 0.377

L6.Temp. prom aire -0.054727 0.009256 -5.913 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.183008 -0.079115 0.004874 0.003918

Water 0.183008 1.000000 -0.102990 0.029403 0.000429

Temp -0.079115 -0.102990 1.000000 0.003031 -0.005142

Precip. horaria 0.004874 0.029403 0.003031 1.000000 -0.024551

Temp. prom aire 0.003918 0.000429 -0.005142 -0.024551 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -53.4946

Nobs: 11683.0 HQIC: -53.5595

Log likelihood: 230328. FPE: 5.31044e-24

AIC: -53.5924 Det(Omega\_mle): 5.24054e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000435 0.000081 5.402 0.000

L1.Conduct 2.829105 0.009068 311.994 0.000

L1.Water 9.838612 0.236153 41.662 0.000

L1.Temp 0.083089 0.020529 4.047 0.000

L1.Prep. horaria -0.000073 0.000033 -2.189 0.029

L1.Temp. prom aire -0.000000 0.000008 -0.039 0.969

L2.Conduct -2.430441 0.027489 -88.416 0.000

L2.Water -45.191022 1.120510 -40.331 0.000

L2.Temp -0.157344 0.071036 -2.215 0.027

L2.Prep. horaria 0.000198 0.000039 5.113 0.000

L2.Temp. prom aire -0.000001 0.000016 -0.080 0.936

L3.Conduct 0.346154 0.035636 9.713 0.000

L3.Water 84.235363 2.175241 38.725 0.000

L3.Temp -0.087662 0.101312 -0.865 0.387

L3.Prep. horaria -0.000166 0.000039 -4.257 0.000

L3.Temp. prom aire 0.000001 0.000017 0.082 0.935

L4.Conduct 0.169048 0.035587 4.750 0.000

L4.Water -79.805345 2.161598 -36.920 0.000

L4.Temp 0.374241 0.101416 3.690 0.000

L4.Prep. horaria 0.000013 0.000039 0.323 0.747

L4.Temp. prom aire -0.000002 0.000017 -0.126 0.900

L5.Conduct 0.196112 0.027275 7.190 0.000

L5.Water 38.481997 1.099137 35.011 0.000

L5.Temp -0.271582 0.071173 -3.816 0.000

L5.Prep. horaria 0.000047 0.000039 1.210 0.226

L5.Temp. prom aire 0.000013 0.000016 0.770 0.441

L6.Conduct -0.109985 0.008916 -12.336 0.000

L6.Water -7.559606 0.228425 -33.095 0.000

L6.Temp 0.059248 0.020576 2.880 0.004

L6.Prep. horaria 0.000026 0.000033 0.766 0.443

L6.Temp. prom aire -0.000010 0.000008 -1.156 0.248

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000004 0.000002 1.988 0.047

L1.Conduct -0.000836 0.000215 -3.883 0.000

L1.Water 5.401444 0.005608 963.170 0.000

L1.Temp -0.003489 0.000488 -7.156 0.000

L1.Prep. horaria 0.000004 0.000001 4.508 0.000

L1.Temp. prom aire 0.000000 0.000000 0.095 0.924

L2.Conduct 0.003366 0.000653 5.156 0.000

L2.Water -12.323452 0.026609 -463.130 0.000

L2.Temp 0.017056 0.001687 10.111 0.000

L2.Prep. horaria 0.000000 0.000001 0.335 0.737

L2.Temp. prom aire 0.000000 0.000000 0.396 0.692

L3.Conduct -0.003785 0.000846 -4.472 0.000

L3.Water 15.233971 0.051656 294.912 0.000

L3.Temp -0.034205 0.002406 -14.217 0.000

L3.Prep. horaria -0.000002 0.000001 -2.299 0.021

L3.Temp. prom aire -0.000000 0.000000 -0.835 0.404

L4.Conduct 0.000182 0.000845 0.215 0.830

L4.Water -10.781655 0.051332 -210.037 0.000

L4.Temp 0.034914 0.002408 14.497 0.000

L4.Prep. horaria -0.000002 0.000001 -1.872 0.061

L4.Temp. prom aire 0.000000 0.000000 0.514 0.607

L5.Conduct 0.001724 0.000648 2.661 0.008

L5.Water 4.147834 0.026102 158.912 0.000

L5.Temp -0.018009 0.001690 -10.655 0.000

L5.Prep. horaria 0.000000 0.000001 0.019 0.985

L5.Temp. prom aire 0.000000 0.000000 0.322 0.747

L6.Conduct -0.000650 0.000212 -3.069 0.002

L6.Water -0.678142 0.005424 -125.015 0.000

L6.Temp 0.003733 0.000489 7.639 0.000

L6.Prep. horaria 0.000001 0.000001 1.001 0.317

L6.Temp. prom aire -0.000000 0.000000 -0.776 0.437

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000107 0.000036 2.960 0.003

L1.Conduct -0.017930 0.004088 -4.386 0.000

L1.Water 1.693685 0.106456 15.910 0.000

L1.Temp 3.315802 0.009254 358.295 0.000

L1.Prep. horaria 0.000000 0.000015 0.016 0.987

L1.Temp. prom aire 0.000003 0.000004 0.783 0.433

L2.Conduct 0.049769 0.012392 4.016 0.000

L2.Water -7.841986 0.505117 -15.525 0.000

L2.Temp -3.575221 0.032023 -111.647 0.000

L2.Prep. horaria -0.000007 0.000017 -0.382 0.702

L2.Temp. prom aire -0.000009 0.000007 -1.276 0.202

L3.Conduct -0.037539 0.016065 -2.337 0.019

L3.Water 14.600904 0.980581 14.890 0.000

L3.Temp 0.842148 0.045670 18.440 0.000

L3.Prep. horaria 0.000002 0.000018 0.094 0.925

L3.Temp. prom aire 0.000009 0.000008 1.095 0.274

L4.Conduct -0.011725 0.016043 -0.731 0.465

L4.Water -13.667598 0.974431 -14.026 0.000

L4.Temp 0.714761 0.045717 15.634 0.000

L4.Prep. horaria 0.000004 0.000018 0.254 0.799

L4.Temp. prom aire 0.000005 0.000008 0.624 0.532

L5.Conduct 0.026343 0.012295 2.143 0.032

L5.Water 6.433207 0.495482 12.984 0.000

L5.Temp -0.235525 0.032084 -7.341 0.000

L5.Prep. horaria 0.000009 0.000017 0.507 0.612

L5.Temp. prom aire 0.000003 0.000007 0.372 0.710

L6.Conduct -0.008920 0.004019 -2.219 0.026

L6.Water -1.218213 0.102972 -11.831 0.000

L6.Temp -0.061968 0.009275 -6.681 0.000

L6.Prep. horaria 0.000006 0.000015 0.401 0.688

L6.Temp. prom aire -0.000010 0.000004 -2.744 0.006

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.044322 0.022328 -1.985 0.047

L1.Conduct -4.148384 2.514336 -1.650 0.099

L1.Water 103.794138 65.480682 1.585 0.113

L1.Temp 1.905398 5.692359 0.335 0.738

L1.Prep. horaria 0.580719 0.009261 62.708 0.000

L1.Temp. prom aire -0.002802 0.002348 -1.193 0.233

L2.Conduct 8.830787 7.622092 1.159 0.247

L2.Water -508.514172 310.696282 -1.637 0.102

L2.Temp -4.833546 19.696964 -0.245 0.806

L2.Prep. horaria 0.147938 0.010717 13.805 0.000

L2.Temp. prom aire 0.007825 0.004513 1.734 0.083

L3.Conduct -4.244696 9.881321 -0.430 0.668

L3.Water 1021.349534 603.152986 1.693 0.090

L3.Temp 0.800711 28.091803 0.029 0.977

L3.Prep. horaria 0.010578 0.010815 0.978 0.328

L3.Temp. prom aire -0.005342 0.004849 -1.102 0.271

L4.Conduct -0.235597 9.867704 -0.024 0.981

L4.Water -1039.719847 599.370068 -1.735 0.083

L4.Temp 7.019834 28.120692 0.250 0.803

L4.Prep. horaria -0.027649 0.010822 -2.555 0.011

L4.Temp. prom aire 0.002005 0.004849 0.414 0.679

L5.Conduct -1.538890 7.562787 -0.203 0.839

L5.Water 531.467590 304.769932 1.744 0.081

L5.Temp -6.661811 19.735024 -0.338 0.736

L5.Prep. horaria 0.004151 0.010737 0.387 0.699

L5.Temp. prom aire -0.003905 0.004514 -0.865 0.387

L6.Conduct 1.336463 2.472218 0.541 0.589

L6.Water -108.374345 63.337863 -1.711 0.087

L6.Temp 1.769715 5.705202 0.310 0.756

L6.Prep. horaria 0.033851 0.009259 3.656 0.000

L6.Temp. prom aire 0.003136 0.002348 1.336 0.182

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.466780 0.087971 5.306 0.000

L1.Conduct 0.504738 9.906264 0.051 0.959

L1.Water 558.221442 257.988193 2.164 0.030

L1.Temp 15.417018 22.427400 0.687 0.492

L1.Prep. horaria 0.052209 0.036486 1.431 0.152

L1.Temp. prom aire 1.639349 0.009250 177.218 0.000

L2.Conduct 1.062771 30.030382 0.035 0.972

L2.Water -2769.422280 1224.116338 -2.262 0.024

L2.Temp -104.131478 77.604325 -1.342 0.180

L2.Prep. horaria 0.019940 0.042222 0.472 0.637

L2.Temp. prom aire -0.755725 0.017780 -42.505 0.000

L3.Conduct -3.322848 38.931544 -0.085 0.932

L3.Water 5544.407802 2376.370322 2.333 0.020

L3.Temp 247.592747 110.679261 2.237 0.025

L3.Prep. horaria -0.010015 0.042609 -0.235 0.814

L3.Temp. prom aire 0.083999 0.019103 4.397 0.000

L4.Conduct 5.081681 38.877896 0.131 0.896

L4.Water -5603.665039 2361.465955 -2.373 0.018

L4.Temp -264.346753 110.793080 -2.386 0.017

L4.Prep. horaria -0.001966 0.042637 -0.046 0.963

L4.Temp. prom aire -0.042995 0.019104 -2.251 0.024

L5.Conduct -6.916576 29.796721 -0.232 0.816

L5.Water 2861.098644 1200.767032 2.383 0.017

L5.Temp 127.626972 77.754277 1.641 0.101

L5.Prep. horaria 0.001779 0.042303 0.042 0.966

L5.Temp. prom aire 0.023089 0.017784 1.298 0.194

L6.Conduct 3.594176 9.740324 0.369 0.712

L6.Water -590.645549 249.545675 -2.367 0.018

L6.Temp -22.107376 22.477998 -0.984 0.325

L6.Prep. horaria 0.027614 0.036481 0.757 0.449

L6.Temp. prom aire -0.056837 0.009252 -6.143 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 -0.009877 0.089171 -0.007856 0.000888

Water -0.009877 1.000000 -0.073879 0.006980 -0.002417

Temp 0.089171 -0.073879 1.000000 0.000692 -0.007113

Prep. horaria -0.007856 0.006980 0.000692 1.000000 -0.024962

Temp. prom aire 0.000888 -0.002417 -0.007113 -0.024962 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -54.9485

Nobs: 11683.0 HQIC: -55.0134

Log likelihood: 238820. FPE: 1.24091e-24

AIC: -55.0462 Det(Omega\_mle): 1.22458e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000169 0.000049 3.444 0.001

L1.Conduct 3.232942 0.009228 350.327 0.000

L1.Water 6.801812 0.243909 27.887 0.000

L1.Temp 0.004266 0.010969 0.389 0.697

L1.Prep. horaria -0.000021 0.000018 -1.169 0.242

L1.Temp. prom aire -0.000003 0.000005 -0.682 0.495

L2.Conduct -3.421006 0.031480 -108.672 0.000

L2.Water -28.988544 1.179722 -24.572 0.000

L2.Temp 0.014982 0.037844 0.396 0.692

L2.Prep. horaria 0.000099 0.000021 4.777 0.000

L2.Temp. prom aire 0.000005 0.000009 0.534 0.593

L3.Conduct 0.890785 0.044863 19.856 0.000

L3.Water 49.191288 2.309510 21.299 0.000

L3.Temp -0.087881 0.053714 -1.636 0.102

L3.Prep. horaria -0.000098 0.000021 -4.681 0.000

L3.Temp. prom aire -0.000000 0.000009 -0.045 0.964

L4.Conduct 0.463554 0.044601 10.393 0.000

L4.Water -41.505977 2.287292 -18.146 0.000

L4.Temp 0.129040 0.053779 2.399 0.016

L4.Prep. horaria 0.000027 0.000021 1.286 0.199

L4.Temp. prom aire -0.000004 0.000009 -0.412 0.680

L5.Conduct -0.082573 0.030655 -2.694 0.007

L5.Water 17.389194 1.145717 15.178 0.000

L5.Temp -0.075700 0.037941 -1.995 0.046

L5.Prep. horaria 0.000043 0.000021 2.066 0.039

L5.Temp. prom aire 0.000008 0.000009 0.900 0.368

L6.Conduct -0.083705 0.008753 -9.563 0.000

L6.Water -2.887774 0.232116 -12.441 0.000

L6.Temp 0.015289 0.011005 1.389 0.165

L6.Prep. horaria 0.000028 0.000018 1.560 0.119

L6.Temp. prom aire -0.000006 0.000005 -1.237 0.216

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000010 0.000002 5.068 0.000

L1.Conduct -0.001246 0.000369 -3.380 0.001

L1.Water 5.414613 0.009747 555.497 0.000

L1.Temp -0.004880 0.000438 -11.132 0.000

L1.Prep. horaria 0.000003 0.000001 3.828 0.000

L1.Temp. prom aire -0.000000 0.000000 -0.593 0.553

L2.Conduct 0.005177 0.001258 4.115 0.000

L2.Water -12.347005 0.047145 -261.893 0.000

L2.Temp 0.019808 0.001512 13.097 0.000

L2.Prep. horaria 0.000000 0.000001 0.025 0.980

L2.Temp. prom aire 0.000000 0.000000 0.748 0.455

L3.Conduct -0.007096 0.001793 -3.958 0.000

L3.Water 15.200536 0.092295 164.695 0.000

L3.Temp -0.032367 0.002147 -15.079 0.000

L3.Prep. horaria -0.000003 0.000001 -3.507 0.000

L3.Temp. prom aire -0.000000 0.000000 -0.075 0.940

L4.Conduct 0.002832 0.001782 1.589 0.112

L4.Water -10.669838 0.091407 -116.729 0.000

L4.Temp 0.026701 0.002149 12.424 0.000

L4.Prep. horaria -0.000000 0.000001 -0.313 0.755

L4.Temp. prom aire -0.000000 0.000000 -0.388 0.698

L5.Conduct 0.001129 0.001225 0.922 0.357

L5.Water 4.052981 0.045786 88.520 0.000

L5.Temp -0.011149 0.001516 -7.353 0.000

L5.Prep. horaria -0.000001 0.000001 -0.896 0.370

L5.Temp. prom aire 0.000000 0.000000 0.114 0.910

L6.Conduct -0.000796 0.000350 -2.275 0.023

L6.Water -0.651287 0.009276 -70.212 0.000

L6.Temp 0.001888 0.000440 4.293 0.000

L6.Prep. horaria 0.000000 0.000001 0.095 0.924

L6.Temp. prom aire 0.000000 0.000000 0.133 0.894

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Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000090 0.000041 2.174 0.030

L1.Conduct -0.027231 0.007784 -3.498 0.000

L1.Water 1.388203 0.205742 6.747 0.000

L1.Temp 3.290821 0.009253 355.668 0.000

L1.Prep. horaria 0.000004 0.000015 0.245 0.806

L1.Temp. prom aire 0.000004 0.000004 0.947 0.343

L2.Conduct 0.086216 0.026554 3.247 0.001

L2.Water -6.311632 0.995120 -6.343 0.000

L2.Temp -3.502360 0.031923 -109.714 0.000

L2.Prep. horaria -0.000003 0.000017 -0.193 0.847

L2.Temp. prom aire -0.000010 0.000007 -1.341 0.180

L3.Conduct -0.085834 0.037843 -2.268 0.023

L3.Water 11.499219 1.948119 5.903 0.000

L3.Temp 0.799439 0.045309 17.644 0.000

L3.Prep. horaria 0.000003 0.000018 0.159 0.873

L3.Temp. prom aire 0.000008 0.000008 1.069 0.285

L4.Conduct 0.010736 0.037622 0.285 0.775

L4.Water -10.498941 1.929377 -5.442 0.000

L4.Temp 0.655104 0.045364 14.441 0.000

L4.Prep. horaria 0.000006 0.000018 0.329 0.742

L4.Temp. prom aire 0.000004 0.000008 0.564 0.573

L5.Conduct 0.027293 0.025858 1.055 0.291

L5.Water 4.806213 0.966435 4.973 0.000

L5.Temp -0.154673 0.032004 -4.833 0.000

L5.Prep. horaria 0.000009 0.000018 0.510 0.610

L5.Temp. prom aire 0.000004 0.000007 0.525 0.599

L6.Conduct -0.011180 0.007384 -1.514 0.130

L6.Water -0.883065 0.195794 -4.510 0.000

L6.Temp -0.088334 0.009283 -9.515 0.000

L6.Prep. horaria 0.000007 0.000015 0.476 0.634

L6.Temp. prom aire -0.000010 0.000004 -2.693 0.007

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.036345 0.025271 -1.438 0.150

L1.Conduct -5.476881 4.762234 -1.150 0.250

L1.Water -91.182665 125.867768 -0.724 0.469

L1.Temp 1.779999 5.660442 0.314 0.753

L1.Prep. horaria 0.575765 0.009261 62.172 0.000

L1.Temp. prom aire -0.002535 0.002342 -1.082 0.279

L2.Conduct 10.293083 16.245069 0.634 0.526

L2.Water 463.608857 608.788226 0.762 0.446

L2.Temp -6.153215 19.529405 -0.315 0.753

L2.Prep. horaria 0.146661 0.010694 13.715 0.000

L2.Temp. prom aire 0.007558 0.004501 1.679 0.093

L3.Conduct -5.755425 23.151262 -0.249 0.804

L3.Water -899.220309 1191.808162 -0.755 0.451

L3.Temp 5.666194 27.718926 0.204 0.838

L3.Prep. horaria 0.009248 0.010783 0.858 0.391

L3.Temp. prom aire -0.005266 0.004836 -1.089 0.276

L4.Conduct 6.447664 23.015937 0.280 0.779

L4.Water 846.164776 1180.342640 0.717 0.473

L4.Temp 1.803943 27.752218 0.065 0.948

L4.Prep. horaria -0.029166 0.010795 -2.702 0.007

L4.Temp. prom aire 0.002009 0.004836 0.416 0.678

L5.Conduct -9.966200 15.819443 -0.630 0.529

L5.Water -391.105399 591.239941 -0.662 0.508

L5.Temp -4.918548 19.579117 -0.251 0.802

L5.Prep. horaria 0.002661 0.010710 0.248 0.804

L5.Temp. prom aire -0.004082 0.004502 -0.907 0.365

L6.Conduct 4.456735 4.517103 0.987 0.324

L6.Water 71.738423 119.781932 0.599 0.549

L6.Temp 1.821492 5.679216 0.321 0.748

L6.Prep. horaria 0.032463 0.009245 3.511 0.000

L6.Temp. prom aire 0.003410 0.002342 1.456 0.145

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.331947 0.099835 3.325 0.001

L1.Conduct -11.341058 18.813775 -0.603 0.547

L1.Water 777.253064 497.255722 1.563 0.118

L1.Temp 17.231401 22.362256 0.771 0.441

L1.Prep. horaria 0.056405 0.036586 1.542 0.123

L1.Temp. prom aire 1.639410 0.009252 177.201 0.000

L2.Conduct 36.629319 64.178093 0.571 0.568

L2.Water -3750.430486 2405.090940 -1.559 0.119

L2.Temp -105.984154 77.153257 -1.374 0.170

L2.Prep. horaria 0.021011 0.042246 0.497 0.619

L2.Temp. prom aire -0.755614 0.017781 -42.495 0.000

L3.Conduct -35.646777 91.461838 -0.390 0.697

L3.Water 7328.679866 4708.381158 1.557 0.120

L3.Temp 246.282408 109.506945 2.249 0.025

L3.Prep. horaria -0.008287 0.042600 -0.195 0.846

L3.Temp. prom aire 0.083963 0.019103 4.395 0.000

L4.Conduct 1.243683 90.927222 0.014 0.989

L4.Water -7251.603766 4663.085240 -1.555 0.120

L4.Temp -263.762173 109.638466 -2.406 0.016

L4.Prep. horaria -0.001342 0.042645 -0.031 0.975

L4.Temp. prom aire -0.043256 0.019104 -2.264 0.024

L5.Conduct 14.793393 62.496609 0.237 0.813

L5.Water 3633.169782 2335.764336 1.555 0.120

L5.Temp 128.709941 77.349650 1.664 0.096

L5.Prep. horaria 0.001893 0.042310 0.045 0.964

L5.Temp. prom aire 0.023339 0.017785 1.312 0.189

L6.Conduct -5.674640 17.845358 -0.318 0.750

L6.Water -737.070815 473.212896 -1.558 0.119

L6.Temp -22.425193 22.436426 -0.999 0.318

L6.Prep. horaria 0.030970 0.036524 0.848 0.396

L6.Temp. prom aire -0.056952 0.009253 -6.155 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.051560 0.089713 0.002723 -0.006698

Water 0.051560 1.000000 -0.034776 0.027014 0.003297

Temp 0.089713 -0.034776 1.000000 0.003956 -0.005538

Prep. horaria 0.002723 0.027014 0.003956 1.000000 -0.023484

Temp. prom aire -0.006698 0.003297 -0.005538 -0.023484 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -51.5683

Nobs: 11683.0 HQIC: -51.6332

Log likelihood: 219075. FPE: 3.64542e-23

AIC: -51.6660 Det(Omega\_mle): 3.59744e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000559 0.000139 4.032 0.000

L1.Conduct 3.039148 0.009335 325.556 0.000

L1.Water 9.667701 0.230404 41.960 0.000

L1.Temp -0.025340 0.043215 -0.586 0.558

L1.Prep. horaria -0.000031 0.000049 -0.642 0.521

L1.Temp. prom aire -0.000003 0.000012 -0.253 0.800

L2.Conduct -2.869092 0.030278 -94.759 0.000

L2.Water -39.006284 1.076369 -36.239 0.000

L2.Temp 0.170199 0.150286 1.133 0.257

L2.Prep. horaria 0.000283 0.000056 5.031 0.000

L2.Temp. prom aire 0.000004 0.000024 0.169 0.866

L3.Conduct 0.512908 0.040701 12.602 0.000

L3.Water 61.157092 2.074373 29.482 0.000

L3.Temp -0.411028 0.216074 -1.902 0.057

L3.Prep. horaria -0.000279 0.000057 -4.909 0.000

L3.Temp. prom aire -0.000001 0.000025 -0.024 0.980

L4.Conduct 0.231264 0.040621 5.693 0.000

L4.Water -45.912468 2.062527 -22.260 0.000

L4.Temp 0.456432 0.216462 2.109 0.035

L4.Prep. horaria -0.000038 0.000057 -0.673 0.501

L4.Temp. prom aire -0.000004 0.000025 -0.150 0.881

L5.Conduct 0.277603 0.029754 9.330 0.000

L5.Water 16.043734 1.055798 15.196 0.000

L5.Temp -0.235056 0.150887 -1.558 0.119

L5.Prep. horaria 0.000029 0.000056 0.517 0.605

L5.Temp. prom aire 0.000018 0.000024 0.762 0.446

L6.Conduct -0.191833 0.008992 -21.333 0.000

L6.Water -1.949779 0.221758 -8.792 0.000

L6.Temp 0.044777 0.043444 1.031 0.303

L6.Prep. horaria 0.000098 0.000049 2.012 0.044

L6.Temp. prom aire -0.000013 0.000012 -1.083 0.279

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000015 0.000006 2.524 0.012

L1.Conduct 0.001833 0.000404 4.541 0.000

L1.Water 4.831117 0.009961 484.994 0.000

L1.Temp -0.015892 0.001868 -8.506 0.000

L1.Prep. horaria 0.000007 0.000002 3.238 0.001

L1.Temp. prom aire -0.000000 0.000001 -0.898 0.369

L2.Conduct -0.004543 0.001309 -3.470 0.001

L2.Water -9.660286 0.046535 -207.591 0.000

L2.Temp 0.051550 0.006497 7.934 0.000

L2.Prep. horaria -0.000000 0.000002 -0.136 0.892

L2.Temp. prom aire 0.000001 0.000001 0.742 0.458

L3.Conduct 0.002648 0.001760 1.505 0.132

L3.Water 10.227530 0.089682 114.042 0.000

L3.Temp -0.059272 0.009342 -6.345 0.000

L3.Prep. horaria -0.000004 0.000002 -1.466 0.143

L3.Temp. prom aire -0.000000 0.000001 -0.321 0.749

L4.Conduct 0.001445 0.001756 0.823 0.411

L4.Water -6.041774 0.089170 -67.755 0.000

L4.Temp 0.026043 0.009358 2.783 0.005

L4.Prep. horaria -0.000003 0.000002 -1.023 0.306

L4.Temp. prom aire 0.000001 0.000001 0.566 0.572

L5.Conduct -0.001822 0.001286 -1.417 0.157

L5.Water 1.886225 0.045646 41.323 0.000

L5.Temp -0.001088 0.006523 -0.167 0.868

L5.Prep. horaria -0.000001 0.000002 -0.246 0.805

L5.Temp. prom aire -0.000001 0.000001 -0.849 0.396

L6.Conduct 0.000440 0.000389 1.131 0.258

L6.Water -0.242812 0.009587 -25.326 0.000

L6.Temp -0.001342 0.001878 -0.715 0.475

L6.Prep. horaria -0.000003 0.000002 -1.617 0.106

L6.Temp. prom aire 0.000000 0.000001 0.637 0.524

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000046 0.000030 1.535 0.125

L1.Conduct -0.007628 0.002005 -3.804 0.000

L1.Water 0.612967 0.049493 12.385 0.000

L1.Temp 3.329356 0.009283 358.652 0.000

L1.Prep. horaria -0.000002 0.000010 -0.152 0.879

L1.Temp. prom aire 0.000001 0.000003 0.457 0.648

L2.Conduct 0.020982 0.006504 3.226 0.001

L2.Water -2.676393 0.231212 -11.575 0.000

L2.Temp -3.626363 0.032283 -112.332 0.000

L2.Prep. horaria -0.000005 0.000012 -0.389 0.697

L2.Temp. prom aire -0.000006 0.000005 -1.205 0.228

L3.Conduct -0.014592 0.008743 -1.669 0.095

L3.Water 4.660576 0.445591 10.459 0.000

L3.Temp 0.913753 0.046414 19.687 0.000

L3.Prep. horaria 0.000002 0.000012 0.163 0.870

L3.Temp. prom aire 0.000006 0.000005 1.032 0.302

L4.Conduct -0.006705 0.008726 -0.768 0.442

L4.Water -4.045499 0.443047 -9.131 0.000

L4.Temp 0.671290 0.046498 14.437 0.000

L4.Prep. horaria 0.000003 0.000012 0.218 0.828

L4.Temp. prom aire 0.000004 0.000005 0.674 0.500

L5.Conduct 0.011333 0.006391 1.773 0.076

L5.Water 1.750493 0.226794 7.718 0.000

L5.Temp -0.226564 0.032412 -6.990 0.000

L5.Prep. horaria 0.000004 0.000012 0.304 0.761

L5.Temp. prom aire 0.000003 0.000005 0.607 0.544

L6.Conduct -0.003390 0.001932 -1.755 0.079

L6.Water -0.302145 0.047635 -6.343 0.000

L6.Temp -0.061473 0.009332 -6.587 0.000

L6.Prep. horaria 0.000003 0.000010 0.297 0.766

L6.Temp. prom aire -0.000007 0.000003 -2.620 0.009

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.057979 0.026325 -2.202 0.028

L1.Conduct -1.410393 1.773749 -0.795 0.427

L1.Water 1.206332 43.778095 0.028 0.978

L1.Temp -0.351115 8.211134 -0.043 0.966

L1.Prep. horaria 0.577743 0.009262 62.376 0.000

L1.Temp. prom aire -0.002607 0.002341 -1.114 0.265

L2.Conduct 3.513901 5.752966 0.611 0.541

L2.Water 11.989905 204.516259 0.059 0.953

L2.Temp -1.745032 28.555210 -0.061 0.951

L2.Prep. horaria 0.146885 0.010703 13.724 0.000

L2.Temp. prom aire 0.007646 0.004506 1.697 0.090

L3.Conduct -2.568498 7.733425 -0.332 0.740

L3.Water -34.047754 394.142614 -0.086 0.931

L3.Temp 3.187647 41.055206 0.078 0.938

L3.Prep. horaria 0.009120 0.010797 0.845 0.398

L3.Temp. prom aire -0.005317 0.004842 -1.098 0.272

L4.Conduct -0.716278 7.718235 -0.093 0.926

L4.Water 30.215198 391.891820 0.077 0.939

L4.Temp 4.138597 41.129033 0.101 0.920

L4.Prep. horaria -0.029349 0.010807 -2.716 0.007

L4.Temp. prom aire 0.001980 0.004842 0.409 0.683

L5.Conduct 2.008187 5.653389 0.355 0.722

L5.Water -11.119265 200.607687 -0.055 0.956

L5.Temp -9.141147 28.669483 -0.319 0.750

L5.Prep. horaria 0.001963 0.010723 0.183 0.855

L5.Temp. prom aire -0.004024 0.004506 -0.893 0.372

L6.Conduct -0.827221 1.708585 -0.484 0.628

L6.Water 1.759064 42.135255 0.042 0.967

L6.Temp 3.911257 8.254640 0.474 0.636

L6.Prep. horaria 0.031375 0.009259 3.389 0.001

L6.Temp. prom aire 0.003363 0.002342 1.436 0.151

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.515834 0.104040 4.958 0.000

L1.Conduct 0.866093 7.010151 0.124 0.902

L1.Water 199.141677 173.018326 1.151 0.250

L1.Temp 24.045343 32.451770 0.741 0.459

L1.Prep. horaria 0.056243 0.036606 1.536 0.124

L1.Temp. prom aire 1.642589 0.009252 177.531 0.000

L2.Conduct -1.968233 22.736679 -0.087 0.931

L2.Water -1018.008884 808.282340 -1.259 0.208

L2.Temp -148.497036 112.854949 -1.316 0.188

L2.Prep. horaria 0.022105 0.042298 0.523 0.601

L2.Temp. prom aire -0.757866 0.017807 -42.559 0.000

L3.Conduct -1.233504 30.563785 -0.040 0.968

L3.Water 2089.845092 1557.717297 1.342 0.180

L3.Temp 376.613705 162.257014 2.321 0.020

L3.Prep. horaria -0.008412 0.042672 -0.197 0.844

L3.Temp. prom aire 0.083978 0.019135 4.389 0.000

L4.Conduct 8.376487 30.503750 0.275 0.784

L4.Water -2158.454916 1548.821784 -1.394 0.163

L4.Temp -460.465603 162.548791 -2.833 0.005

L4.Prep. horaria -0.001729 0.042711 -0.040 0.968

L4.Temp. prom aire -0.043110 0.019135 -2.253 0.024

L5.Conduct -9.446184 22.343135 -0.423 0.672

L5.Water 1123.487471 792.835012 1.417 0.156

L5.Temp 268.333958 113.306573 2.368 0.018

L5.Prep. horaria 0.002137 0.042379 0.050 0.960

L5.Temp. prom aire 0.021090 0.017810 1.184 0.236

L6.Conduct 3.406913 6.752611 0.505 0.614

L6.Water -236.017266 166.525549 -1.417 0.156

L6.Temp -59.979244 32.623713 -1.839 0.066

L6.Prep. horaria 0.030301 0.036593 0.828 0.408

L6.Temp. prom aire -0.053775 0.009255 -5.810 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.222160 0.106296 0.004116 0.004787

Water 0.222160 1.000000 0.014995 0.013250 0.012832

Temp 0.106296 0.014995 1.000000 0.000158 -0.005025

Prep. horaria 0.004116 0.013250 0.000158 1.000000 -0.023868

Temp. prom aire 0.004787 0.012832 -0.005025 -0.023868 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -51.7161

Nobs: 11683.0 HQIC: -51.7810

Log likelihood: 219938. FPE: 3.14448e-23

AIC: -51.8138 Det(Omega\_mle): 3.10309e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000146 0.000052 2.799 0.005

L1.Conduct 3.093525 0.010048 307.878 0.000

L1.Water 0.937492 0.046466 20.176 0.000

L1.Temp 0.152721 0.033275 4.590 0.000

L1.Prep. horaria 0.000033 0.000024 1.386 0.166

L1.Temp. prom aire 0.000002 0.000006 0.272 0.786

L2.Conduct -3.172137 0.032590 -97.334 0.000

L2.Water -2.616267 0.212561 -12.308 0.000

L2.Temp -0.434226 0.143687 -3.022 0.003

L2.Prep. horaria -0.000140 0.000028 -5.088 0.000

L2.Temp. prom aire 0.000004 0.000012 0.326 0.745

L3.Conduct 0.950116 0.045346 20.953 0.000

L3.Water 1.772808 0.413925 4.283 0.000

L3.Temp 0.230553 0.255995 0.901 0.368

L3.Prep. horaria 0.000100 0.000028 3.580 0.000

L3.Temp. prom aire -0.000005 0.000012 -0.404 0.686

L4.Conduct 0.186710 0.045296 4.122 0.000

L4.Water 1.052774 0.427983 2.460 0.014

L4.Temp 0.392618 0.240536 1.632 0.103

L4.Prep. horaria -0.000020 0.000028 -0.735 0.462

L4.Temp. prom aire 0.000001 0.000012 0.091 0.928

L5.Conduct -0.006954 0.032325 -0.215 0.830

L5.Water -1.641746 0.232301 -7.067 0.000

L5.Temp -0.503954 0.121570 -4.145 0.000

L5.Prep. horaria 0.000000 0.000028 0.008 0.994

L5.Temp. prom aire -0.000005 0.000012 -0.473 0.636

L6.Conduct -0.051266 0.009858 -5.200 0.000

L6.Water 0.494940 0.052239 9.475 0.000

L6.Temp 0.162283 0.026481 6.128 0.000

L6.Prep. horaria 0.000038 0.000024 1.610 0.107

L6.Temp. prom aire 0.000005 0.000006 0.908 0.364

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000039 0.000016 2.447 0.014

L1.Conduct 0.010595 0.003075 3.446 0.001

L1.Water 3.898415 0.014218 274.183 0.000

L1.Temp 0.134464 0.010182 13.206 0.000

L1.Prep. horaria 0.000016 0.000007 2.161 0.031

L1.Temp. prom aire -0.000001 0.000002 -0.730 0.465

L2.Conduct -0.027424 0.009972 -2.750 0.006

L2.Water -5.544595 0.065043 -85.245 0.000

L2.Temp -0.439844 0.043968 -10.004 0.000

L2.Prep. horaria 0.000004 0.000008 0.429 0.668

L2.Temp. prom aire 0.000005 0.000004 1.490 0.136

L3.Conduct 0.023036 0.013876 1.660 0.097

L3.Water 2.943219 0.126659 23.237 0.000

L3.Temp 0.433238 0.078333 5.531 0.000

L3.Prep. horaria -0.000005 0.000009 -0.566 0.571

L3.Temp. prom aire -0.000004 0.000004 -1.174 0.240

L4.Conduct -0.007169 0.013860 -0.517 0.605

L4.Water 0.426995 0.130961 3.260 0.001

L4.Temp 0.000914 0.073603 0.012 0.990

L4.Prep. horaria -0.000004 0.000009 -0.457 0.648

L4.Temp. prom aire -0.000002 0.000004 -0.400 0.689

L5.Conduct 0.002030 0.009891 0.205 0.837

L5.Water -0.998633 0.071083 -14.049 0.000

L5.Temp -0.214488 0.037200 -5.766 0.000

L5.Prep. horaria 0.000003 0.000008 0.400 0.689

L5.Temp. prom aire 0.000001 0.000004 0.320 0.749

L6.Conduct -0.001068 0.003017 -0.354 0.723

L6.Water 0.274599 0.015985 17.179 0.000

L6.Temp 0.085714 0.008103 10.578 0.000

L6.Prep. horaria -0.000007 0.000007 -0.983 0.326

L6.Temp. prom aire 0.000001 0.000002 0.680 0.496

==============================================================

Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.000001 0.000020 -0.065 0.948

L1.Conduct -0.003619 0.003872 -0.935 0.350

L1.Water 1.414302 0.017907 78.981 0.000

L1.Temp 4.408466 0.012823 343.783 0.000

L1.Prep. horaria -0.000012 0.000009 -1.298 0.194

L1.Temp. prom aire 0.000000 0.000002 0.131 0.895

L2.Conduct 0.010142 0.012560 0.807 0.419

L2.Water -6.346168 0.081917 -77.471 0.000

L2.Temp -7.984386 0.055374 -144.190 0.000

L2.Prep. horaria -0.000006 0.000011 -0.600 0.549

L2.Temp. prom aire -0.000002 0.000004 -0.459 0.646

L3.Conduct -0.011238 0.017475 -0.643 0.520

L3.Water 11.411492 0.159519 71.537 0.000

L3.Temp 7.690403 0.098655 77.952 0.000

L3.Prep. horaria 0.000003 0.000011 0.235 0.814

L3.Temp. prom aire 0.000001 0.000005 0.112 0.910

L4.Conduct 0.007568 0.017456 0.434 0.665

L4.Water -10.281477 0.164936 -62.336 0.000

L4.Temp -4.273226 0.092698 -46.098 0.000

L4.Prep. horaria 0.000011 0.000011 1.003 0.316

L4.Temp. prom aire 0.000007 0.000005 1.356 0.175

L5.Conduct -0.003953 0.012457 -0.317 0.751

L5.Water 4.642591 0.089524 51.859 0.000

L5.Temp 1.369695 0.046851 29.235 0.000

L5.Prep. horaria 0.000004 0.000011 0.400 0.689

L5.Temp. prom aire -0.000002 0.000004 -0.340 0.734

L6.Conduct 0.001101 0.003799 0.290 0.772

L6.Water -0.840739 0.020132 -41.762 0.000

L6.Temp -0.210951 0.010205 -20.671 0.000

L6.Prep. horaria -0.000002 0.000009 -0.170 0.865

L6.Temp. prom aire -0.000004 0.000002 -1.887 0.059

==============================================================

Results for equation Prep. horaria

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.046251 0.020204 -2.289 0.022

L1.Conduct 0.587882 3.903188 0.151 0.880

L1.Water 16.853667 18.049976 0.934 0.350

L1.Temp 6.388125 12.925804 0.494 0.621

L1.Prep. horaria 0.579818 0.009262 62.604 0.000

L1.Temp. prom aire -0.002673 0.002346 -1.139 0.255

L2.Conduct -3.176606 12.659939 -0.251 0.802

L2.Water -63.129092 82.570964 -0.765 0.445

L2.Temp -21.968777 55.816367 -0.394 0.694

L2.Prep. horaria 0.148030 0.010709 13.823 0.000

L2.Temp. prom aire 0.007731 0.004510 1.714 0.087

L3.Conduct 4.022559 17.615009 0.228 0.819

L3.Water 81.315092 160.792556 0.506 0.613

L3.Temp 24.481539 99.443147 0.246 0.806

L3.Prep. horaria 0.009877 0.010808 0.914 0.361

L3.Temp. prom aire -0.005381 0.004847 -1.110 0.267

L4.Conduct -1.992063 17.595519 -0.113 0.910

L4.Water -25.198160 166.253444 -0.152 0.880

L4.Temp -5.332442 93.438223 -0.057 0.954

L4.Prep. horaria -0.027943 0.010814 -2.584 0.010

L4.Temp. prom aire 0.002002 0.004847 0.413 0.680

L5.Conduct 1.439004 12.556855 0.115 0.909

L5.Water -24.566373 90.239053 -0.272 0.785

L5.Temp -6.853772 47.224988 -0.145 0.885

L5.Prep. horaria 0.004012 0.010730 0.374 0.708

L5.Temp. prom aire -0.003945 0.004512 -0.874 0.382

L6.Conduct -0.881270 3.829513 -0.230 0.818

L6.Water 14.727954 20.292497 0.726 0.468

L6.Temp 3.285792 10.286575 0.319 0.749

L6.Prep. horaria 0.034470 0.009255 3.724 0.000

L6.Temp. prom aire 0.003264 0.002347 1.391 0.164

==============================================================

Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.468670 0.079686 5.881 0.000

L1.Conduct 0.558340 15.394229 0.036 0.971

L1.Water -8.147255 71.189369 -0.114 0.909

L1.Temp 11.761720 50.979560 0.231 0.818

L1.Prep. horaria 0.054349 0.036528 1.488 0.137

L1.Temp. prom aire 1.640224 0.009252 177.277 0.000

L2.Conduct -3.061817 49.930983 -0.061 0.951

L2.Water 113.330270 325.661079 0.348 0.728

L2.Temp -69.741136 220.140561 -0.317 0.751

L2.Prep. horaria 0.021288 0.042238 0.504 0.614

L2.Temp. prom aire -0.756364 0.017789 -42.518 0.000

L3.Conduct 6.589749 69.473850 0.095 0.924

L3.Water -360.002565 634.168174 -0.568 0.570

L3.Temp 154.867994 392.205215 0.395 0.693

L3.Prep. horaria -0.010274 0.042628 -0.241 0.810

L3.Temp. prom aire 0.083959 0.019115 4.392 0.000

L4.Conduct -5.889905 69.396983 -0.085 0.932

L4.Water 484.107327 655.705994 0.738 0.460

L4.Temp -154.735979 368.521706 -0.420 0.675

L4.Prep. horaria -0.004294 0.042651 -0.101 0.920

L4.Temp. prom aire -0.043039 0.019116 -2.251 0.024

L5.Conduct 1.810617 49.524418 0.037 0.971

L5.Water -300.867050 355.904134 -0.845 0.398

L5.Temp 67.425366 186.256036 0.362 0.717

L5.Prep. horaria 0.000033 0.042318 0.001 0.999

L5.Temp. prom aire 0.022522 0.017795 1.266 0.206

L6.Conduct -0.004551 15.103654 -0.000 1.000

L6.Water 71.577812 80.033903 0.894 0.371

L6.Temp -9.527215 40.570401 -0.235 0.814

L6.Prep. horaria 0.029473 0.036503 0.807 0.419

L6.Temp. prom aire -0.055940 0.009258 -6.043 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.393358 -0.284379 0.002773 0.001498

Water 0.393358 1.000000 -0.753737 0.015921 0.006266

Temp -0.284379 -0.753737 1.000000 -0.007972 -0.010735

Prep. horaria 0.002773 0.015921 -0.007972 1.000000 -0.024307

Temp. prom aire 0.001498 0.006266 -0.010735 -0.024307 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -54.7277

Nobs: 11683.0 HQIC: -54.7926

Log likelihood: 237530. FPE: 1.54751e-24

AIC: -54.8254 Det(Omega\_mle): 1.52714e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000154 0.000036 4.332 0.000

L1.Conduct 2.953716 0.009171 322.087 0.000

L1.Water 2.120895 0.096507 21.977 0.000

L1.Temp -0.033983 0.012600 -2.697 0.007

L1.Prep. horaria 0.000031 0.000015 2.002 0.045

L1.Temp. prom aire -0.000001 0.000004 -0.354 0.724

L2.Conduct -2.667297 0.028934 -92.185 0.000

L2.Water -8.847815 0.460161 -19.228 0.000

L2.Temp 0.219651 0.046077 4.767 0.000

L2.Prep. horaria 0.000112 0.000018 6.249 0.000

L2.Temp. prom aire 0.000001 0.000008 0.144 0.886

L3.Conduct 0.400948 0.038137 10.513 0.000

L3.Water 14.616114 0.895862 16.315 0.000

L3.Temp -0.498417 0.071693 -6.952 0.000

L3.Prep. horaria -0.000075 0.000018 -4.159 0.000

L3.Temp. prom aire 0.000001 0.000008 0.114 0.910

L4.Conduct 0.188472 0.038143 4.941 0.000

L4.Water -11.918326 0.890355 -13.386 0.000

L4.Temp 0.518291 0.072453 7.154 0.000

L4.Prep. horaria 0.000001 0.000018 0.041 0.967

L4.Temp. prom aire -0.000002 0.000008 -0.307 0.759

L5.Conduct 0.318253 0.028782 11.057 0.000

L5.Water 4.776251 0.451443 10.580 0.000

L5.Temp -0.249988 0.047035 -5.315 0.000

L5.Prep. horaria 0.000008 0.000018 0.465 0.642

L5.Temp. prom aire 0.000005 0.000008 0.654 0.513

L6.Conduct -0.194096 0.009036 -21.480 0.000

L6.Water -0.747120 0.093299 -8.008 0.000

L6.Temp 0.044442 0.012872 3.453 0.001

L6.Prep. horaria 0.000018 0.000015 1.163 0.245

L6.Temp. prom aire -0.000003 0.000004 -0.869 0.385

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000008 0.000003 2.739 0.006

L1.Conduct 0.003043 0.000735 4.139 0.000

L1.Water 5.295278 0.007737 684.436 0.000

L1.Temp -0.074056 0.001010 -73.313 0.000

L1.Prep. horaria 0.000002 0.000001 1.236 0.217

L1.Temp. prom aire 0.000000 0.000000 0.363 0.717

L2.Conduct -0.007268 0.002320 -3.133 0.002

L2.Water -11.821876 0.036890 -320.464 0.000

L2.Temp 0.310658 0.003694 84.102 0.000

L2.Prep. horaria -0.000000 0.000001 -0.011 0.991

L2.Temp. prom aire -0.000000 0.000001 -0.819 0.413

L3.Conduct 0.006032 0.003057 1.973 0.048

L3.Water 14.273799 0.071819 198.747 0.000

L3.Temp -0.512595 0.005747 -89.186 0.000

L3.Prep. horaria 0.000002 0.000001 1.191 0.234

L3.Temp. prom aire 0.000000 0.000001 0.704 0.482

L4.Conduct -0.003168 0.003058 -1.036 0.300

L4.Water -9.849817 0.071377 -137.996 0.000

L4.Temp 0.412685 0.005808 71.050 0.000

L4.Prep. horaria 0.000003 0.000001 2.075 0.038

L4.Temp. prom aire 0.000000 0.000001 0.504 0.614

L5.Conduct 0.002122 0.002307 0.920 0.358

L5.Water 3.689175 0.036191 101.936 0.000

L5.Temp -0.159986 0.003771 -42.429 0.000

L5.Prep. horaria -0.000005 0.000001 -3.228 0.001

L5.Temp. prom aire -0.000000 0.000001 -0.291 0.771

L6.Conduct -0.000761 0.000724 -1.050 0.294

L6.Water -0.586558 0.007480 -78.422 0.000

L6.Temp 0.023294 0.001032 22.573 0.000

L6.Prep. horaria -0.000002 0.000001 -1.912 0.056

L6.Temp. prom aire -0.000000 0.000000 -0.672 0.502

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000059 0.000027 2.166 0.030

L1.Conduct -0.020710 0.006973 -2.970 0.003

L1.Water 0.185692 0.073379 2.531 0.011

L1.Temp 3.410317 0.009581 355.961 0.000

L1.Prep. horaria 0.000005 0.000012 0.462 0.644

L1.Temp. prom aire 0.000002 0.000003 0.532 0.595

L2.Conduct 0.049901 0.022000 2.268 0.023

L2.Water -0.927743 0.349881 -2.652 0.008

L2.Temp -3.841006 0.035034 -109.636 0.000

L2.Prep. horaria 0.000001 0.000014 0.107 0.915

L2.Temp. prom aire -0.000007 0.000006 -1.174 0.240

L3.Conduct -0.028105 0.028997 -0.969 0.332

L3.Water 1.904269 0.681165 2.796 0.005

L3.Temp 1.000821 0.054512 18.360 0.000

L3.Prep. horaria 0.000004 0.000014 0.265 0.791

L3.Temp. prom aire 0.000006 0.000006 1.000 0.317

L4.Conduct -0.009080 0.029002 -0.313 0.754

L4.Water -2.003116 0.676979 -2.959 0.003

L4.Temp 0.895687 0.055089 16.259 0.000

L4.Prep. horaria 0.000002 0.000014 0.161 0.872

L4.Temp. prom aire 0.000004 0.000006 0.657 0.511

L5.Conduct 0.005918 0.021885 0.270 0.787

L5.Water 1.076472 0.343253 3.136 0.002

L5.Temp -0.482604 0.035763 -13.495 0.000

L5.Prep. horaria 0.000002 0.000014 0.111 0.912

L5.Temp. prom aire 0.000004 0.000006 0.674 0.500

L6.Conduct 0.002076 0.006871 0.302 0.763

L6.Water -0.235574 0.070940 -3.321 0.001

L6.Temp 0.016782 0.009787 1.715 0.086

L6.Prep. horaria 0.000000 0.000012 0.026 0.979

L6.Temp. prom aire -0.000008 0.000003 -2.850 0.004

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.040881 0.021306 -1.919 0.055

L1.Conduct 16.119510 5.491443 2.935 0.003

L1.Water -83.252777 57.789497 -1.441 0.150

L1.Temp 2.210609 7.545216 0.293 0.770

L1.Prep. horaria 0.578912 0.009262 62.504 0.000

L1.Temp. prom aire -0.002471 0.002341 -1.056 0.291

L2.Conduct -30.607026 17.326215 -1.767 0.077

L2.Water 489.481320 275.549852 1.776 0.076

L2.Temp -17.803715 27.591269 -0.645 0.519

L2.Prep. horaria 0.148118 0.010705 13.837 0.000

L2.Temp. prom aire 0.007599 0.004507 1.686 0.092

L3.Conduct 5.934859 22.836737 0.260 0.795

L3.Water -1131.426758 536.453079 -2.109 0.035

L3.Temp 43.346282 42.930906 1.010 0.313

L3.Prep. horaria 0.008307 0.010805 0.769 0.442

L3.Temp. prom aire -0.005331 0.004844 -1.100 0.271

L4.Conduct 7.158761 22.840692 0.313 0.754

L4.Water 1295.857585 533.155760 2.431 0.015

L4.Temp -45.815510 43.385529 -1.056 0.291

L4.Prep. horaria -0.028081 0.010812 -2.597 0.009

L4.Temp. prom aire 0.002008 0.004844 0.415 0.678

L5.Conduct 9.535783 17.235195 0.553 0.580

L5.Water -738.300346 270.329900 -2.731 0.006

L5.Temp 21.768211 28.165121 0.773 0.440

L5.Prep. horaria 0.003945 0.010731 0.368 0.713

L5.Temp. prom aire -0.004095 0.004509 -0.908 0.364

L6.Conduct -8.142120 5.410991 -1.505 0.132

L6.Water 167.643114 55.868706 3.001 0.003

L6.Temp -3.705710 7.708141 -0.481 0.631

L6.Prep. horaria 0.033857 0.009281 3.648 0.000

L6.Temp. prom aire 0.003434 0.002342 1.466 0.143

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.767141 0.084194 9.112 0.000

L1.Conduct -13.183475 21.699940 -0.608 0.543

L1.Water -36.748294 228.360512 -0.161 0.872

L1.Temp 11.300734 29.815614 0.379 0.705

L1.Prep. horaria 0.059430 0.036599 1.624 0.104

L1.Temp. prom aire 1.643236 0.009252 177.603 0.000

L2.Conduct 29.876661 68.466132 0.436 0.663

L2.Water 250.259665 1088.860576 0.230 0.818

L2.Temp -112.553901 109.029436 -1.032 0.302

L2.Prep. horaria 0.024026 0.042301 0.568 0.570

L2.Temp. prom aire -0.758699 0.017810 -42.599 0.000

L3.Conduct -15.623337 90.241467 -0.173 0.863

L3.Water -626.419419 2119.843663 -0.296 0.768

L3.Temp 346.971724 169.645422 2.045 0.041

L3.Prep. horaria -0.007106 0.042695 -0.166 0.868

L3.Temp. prom aire 0.084342 0.019142 4.406 0.000

L4.Conduct -1.801842 90.257093 -0.020 0.984

L4.Water 744.602893 2106.814006 0.353 0.724

L4.Temp -464.955574 171.441909 -2.712 0.007

L4.Prep. horaria -0.002956 0.042726 -0.069 0.945

L4.Temp. prom aire -0.043110 0.019143 -2.252 0.024

L5.Conduct -2.692879 68.106459 -0.040 0.968

L5.Water -427.525601 1068.233455 -0.400 0.689

L5.Temp 285.274789 111.297063 2.563 0.010

L5.Prep. horaria -0.000034 0.042404 -0.001 0.999

L5.Temp. prom aire 0.020558 0.017817 1.154 0.249

L6.Conduct 3.433993 21.382029 0.161 0.872

L6.Water 95.815615 220.770329 0.434 0.664

L6.Temp -65.995979 30.459428 -2.167 0.030

L6.Prep. horaria 0.028788 0.036674 0.785 0.432

L6.Temp. prom aire -0.052962 0.009256 -5.722 0.000

==============================================================

Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.128459 0.088730 0.033046 -0.003558

Water 0.128459 1.000000 0.280349 0.009266 -0.004101

Temp 0.088730 0.280349 1.000000 0.003829 -0.008024

Prep. horaria 0.033046 0.009266 0.003829 1.000000 -0.023358

Temp. prom aire -0.003558 -0.004101 -0.008024 -0.023358 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -56.2837

Nobs: 11683.0 HQIC: -56.3486

Log likelihood: 246620. FPE: 3.26477e-25

AIC: -56.3814 Det(Omega\_mle): 3.22180e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000262 0.000053 4.912 0.000

L1.Conduct 4.188358 0.013294 315.045 0.000

L1.Water 6.942018 0.130359 53.253 0.000

L1.Temp -1.833187 0.027656 -66.286 0.000

L1.Prep. horaria 0.000013 0.000018 0.714 0.475

L1.Temp. prom aire 0.000001 0.000005 0.172 0.864

L2.Conduct -6.672497 0.058703 -113.666 0.000

L2.Water -32.588954 0.598654 -54.437 0.000

L2.Temp 6.690567 0.106826 62.631 0.000

L2.Prep. horaria 0.000010 0.000021 0.477 0.633

L2.Temp. prom aire -0.000006 0.000009 -0.731 0.465

L3.Conduct 4.635780 0.108984 42.536 0.000

L3.Water 61.647180 1.137160 54.212 0.000

L3.Temp -8.722818 0.178499 -48.868 0.000

L3.Prep. horaria -0.000072 0.000021 -3.443 0.001

L3.Temp. prom aire 0.000006 0.000009 0.639 0.523

L4.Conduct -0.769754 0.108106 -7.120 0.000

L4.Water -58.782205 1.122793 -52.354 0.000

L4.Temp 4.307346 0.179797 23.957 0.000

L4.Prep. horaria 0.000071 0.000021 3.386 0.001

L4.Temp. prom aire 0.000001 0.000009 0.136 0.892

L5.Conduct -0.620156 0.057275 -10.828 0.000

L5.Water 28.270402 0.576276 49.057 0.000

L5.Temp -0.043877 0.108538 -0.404 0.686

L5.Prep. horaria -0.000001 0.000021 -0.046 0.963

L5.Temp. prom aire 0.000005 0.000009 0.565 0.572

L6.Conduct 0.238268 0.012751 18.687 0.000

L6.Water -5.488442 0.122359 -44.855 0.000

L6.Temp -0.398039 0.028146 -14.142 0.000

L6.Prep. horaria 0.000019 0.000018 1.068 0.285

L6.Temp. prom aire -0.000006 0.000005 -1.405 0.160

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000011 0.000003 3.168 0.002

L1.Conduct 0.003788 0.000865 4.379 0.000

L1.Water 5.241981 0.008482 618.001 0.000

L1.Temp -0.087157 0.001799 -48.434 0.000

L1.Prep. horaria 0.000002 0.000001 2.057 0.040

L1.Temp. prom aire -0.000000 0.000000 -0.287 0.774

L2.Conduct -0.021257 0.003820 -5.565 0.000

L2.Water -11.544416 0.038953 -296.368 0.000

L2.Temp 0.363654 0.006951 52.318 0.000

L2.Prep. horaria -0.000004 0.000001 -3.295 0.001

L2.Temp. prom aire -0.000000 0.000001 -0.094 0.925

L3.Conduct 0.047596 0.007091 6.712 0.000

L3.Water 13.697275 0.073992 185.118 0.000

L3.Temp -0.593387 0.011615 -51.090 0.000

L3.Prep. horaria 0.000000 0.000001 0.159 0.873

L3.Temp. prom aire 0.000000 0.000001 0.359 0.719

L4.Conduct -0.053058 0.007034 -7.543 0.000

L4.Water -9.251506 0.073057 -126.633 0.000

L4.Temp 0.468479 0.011699 40.045 0.000

L4.Prep. horaria 0.000004 0.000001 2.957 0.003

L4.Temp. prom aire 0.000000 0.000001 0.270 0.787

L5.Conduct 0.029415 0.003727 7.893 0.000

L5.Water 3.378757 0.037497 90.108 0.000

L5.Temp -0.175645 0.007062 -24.871 0.000

L5.Prep. horaria -0.000006 0.000001 -4.323 0.000

L5.Temp. prom aire -0.000000 0.000001 -0.471 0.638

L6.Conduct -0.006483 0.000830 -7.814 0.000

L6.Water -0.522091 0.007962 -65.576 0.000

L6.Temp 0.024055 0.001831 13.135 0.000

L6.Prep. horaria -0.000002 0.000001 -1.678 0.093

L6.Temp. prom aire 0.000000 0.000000 0.067 0.946

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Results for equation Temp

==============================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000052 0.000022 2.367 0.018

L1.Conduct -0.016327 0.005462 -2.989 0.003

L1.Water 0.392255 0.053561 7.324 0.000

L1.Temp 3.225723 0.011363 283.883 0.000

L1.Prep. horaria 0.000001 0.000007 0.102 0.919

L1.Temp. prom aire 0.000001 0.000002 0.546 0.585

L2.Conduct 0.057788 0.024119 2.396 0.017

L2.Water -1.688799 0.245969 -6.866 0.000

L2.Temp -3.310227 0.043892 -75.418 0.000

L2.Prep. horaria -0.000001 0.000009 -0.072 0.942

L2.Temp. prom aire -0.000005 0.000004 -1.376 0.169

L3.Conduct -0.069883 0.044778 -1.561 0.119

L3.Water 2.888685 0.467225 6.183 0.000

L3.Temp 0.685932 0.073340 9.353 0.000

L3.Prep. horaria 0.000002 0.000009 0.265 0.791

L3.Temp. prom aire 0.000004 0.000004 0.979 0.328

L4.Conduct 0.025782 0.044417 0.580 0.562

L4.Water -2.450386 0.461322 -5.312 0.000

L4.Temp 0.502666 0.073873 6.804 0.000

L4.Prep. horaria 0.000001 0.000009 0.116 0.908

L4.Temp. prom aire 0.000002 0.000004 0.478 0.633

L5.Conduct 0.008563 0.023533 0.364 0.716

L5.Water 1.028795 0.236774 4.345 0.000

L5.Temp 0.048145 0.044595 1.080 0.280

L5.Prep. horaria 0.000000 0.000009 0.007 0.995

L5.Temp. prom aire 0.000003 0.000004 0.707 0.480

L6.Conduct -0.005922 0.005239 -1.130 0.258

L6.Water -0.170551 0.050274 -3.392 0.001

L6.Temp -0.152241 0.011564 -13.165 0.000

L6.Prep. horaria -0.000000 0.000007 -0.005 0.996

L6.Temp. prom aire -0.000004 0.000002 -2.041 0.041

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.090299 0.027546 -3.278 0.001

L1.Conduct 15.867206 6.855384 2.315 0.021

L1.Water -203.183498 67.220513 -3.023 0.003

L1.Temp -13.835139 14.260782 -0.970 0.332

L1.Prep. horaria 0.578863 0.009265 62.476 0.000

L1.Temp. prom aire -0.002930 0.002339 -1.253 0.210

L2.Conduct -64.015925 30.270442 -2.115 0.034

L2.Water 905.613592 308.699716 2.934 0.003

L2.Temp 57.488687 55.085420 1.044 0.297

L2.Prep. horaria 0.148007 0.010704 13.827 0.000

L2.Temp. prom aire 0.007884 0.004505 1.750 0.080

L3.Conduct 101.533362 56.198452 1.807 0.071

L3.Water -1635.594336 586.383484 -2.789 0.005

L3.Temp -89.919750 92.044230 -0.977 0.329

L3.Prep. horaria 0.008232 0.010794 0.763 0.446

L3.Temp. prom aire -0.005311 0.004843 -1.097 0.273

L4.Conduct -79.539098 55.745353 -1.427 0.154

L4.Water 1512.942804 578.975335 2.613 0.009

L4.Temp 63.695638 92.713361 0.687 0.492

L4.Prep. horaria -0.027167 0.010802 -2.515 0.012

L4.Temp. prom aire 0.001981 0.004843 0.409 0.683

L5.Conduct 31.124095 29.534310 1.054 0.292

L5.Water -724.481627 297.160296 -2.438 0.015

L5.Temp -18.266573 55.968089 -0.326 0.744

L5.Prep. horaria 0.003180 0.010718 0.297 0.767

L5.Temp. prom aire -0.003802 0.004506 -0.844 0.399

L6.Conduct -4.970006 6.574992 -0.756 0.450

L6.Water 144.708828 63.095296 2.293 0.022

L6.Temp 0.837519 14.513733 0.058 0.954

L6.Prep. horaria 0.033624 0.009263 3.630 0.000

L6.Temp. prom aire 0.003019 0.002339 1.290 0.197

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.076809 0.108984 9.880 0.000

L1.Conduct -1.807578 27.123104 -0.067 0.947

L1.Water 7.530945 265.955790 0.028 0.977

L1.Temp 10.212247 56.422324 0.181 0.856

L1.Prep. horaria 0.051789 0.036658 1.413 0.158

L1.Temp. prom aire 1.644916 0.009253 177.764 0.000

L2.Conduct 8.310897 119.764027 0.069 0.945

L2.Water 2.051972 1221.360458 0.002 0.999

L2.Temp -136.220282 217.943686 -0.625 0.532

L2.Prep. horaria 0.020099 0.042351 0.475 0.635

L2.Temp. prom aire -0.759936 0.017824 -42.634 0.000

L3.Conduct -23.893645 222.347361 -0.107 0.914

L3.Water -55.903766 2320.007319 -0.024 0.981

L3.Temp 476.130323 364.170025 1.307 0.191

L3.Prep. horaria -0.010787 0.042705 -0.253 0.801

L3.Temp. prom aire 0.084394 0.019159 4.405 0.000

L4.Conduct 39.659547 220.554688 0.180 0.857

L4.Water 74.941456 2290.697215 0.033 0.974

L4.Temp -691.653519 366.817419 -1.886 0.059

L4.Prep. horaria -0.005085 0.042739 -0.119 0.905

L4.Temp. prom aire -0.043095 0.019160 -2.249 0.024

L5.Conduct -31.820839 116.851543 -0.272 0.785

L5.Water -28.898685 1175.705115 -0.025 0.980

L5.Temp 452.586926 221.435937 2.044 0.041

L5.Prep. horaria -0.001879 0.042407 -0.044 0.965

L5.Temp. prom aire 0.019596 0.017829 1.099 0.272

L6.Conduct 9.552117 26.013743 0.367 0.713

L6.Water 0.259231 249.634500 0.001 0.999

L6.Temp -111.008127 57.423115 -1.933 0.053

L6.Prep. horaria 0.025286 0.036650 0.690 0.490

L6.Temp. prom aire -0.051665 0.009255 -5.582 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.589679 0.593174 0.041579 -0.011212

Water 0.589679 1.000000 0.218052 0.055300 -0.013026

Temp 0.593174 0.218052 1.000000 0.003212 -0.011546

Prep. horaria 0.041579 0.055300 0.003212 1.000000 -0.025152

Temp. prom aire -0.011212 -0.013026 -0.011546 -0.025152 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -53.4794

Nobs: 11682.0 HQIC: -53.5443

Log likelihood: 230219. FPE: 5.39221e-24

AIC: -53.5771 Det(Omega\_mle): 5.32123e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000089 0.000027 3.306 0.001

L1.Conduct 3.555524 0.009794 363.038 0.000

L1.Water 2.290239 0.046787 48.950 0.000

L1.Temp 0.040571 0.010472 3.874 0.000

L1.Prep. horaria 0.000009 0.000013 0.658 0.510

L1.Temp. prom aire 0.000001 0.000003 0.156 0.876

L2.Conduct -4.544430 0.036087 -125.930 0.000

L2.Water -9.780416 0.214577 -45.580 0.000

L2.Temp -0.238784 0.037483 -6.370 0.000

L2.Prep. horaria -0.000065 0.000015 -4.219 0.000

L2.Temp. prom aire -0.000000 0.000006 -0.021 0.983

L3.Conduct 2.140192 0.057598 37.157 0.000

L3.Water 16.732180 0.407716 41.039 0.000

L3.Temp 0.562674 0.056114 10.027 0.000

L3.Prep. horaria 0.000083 0.000015 5.347 0.000

L3.Temp. prom aire 0.000002 0.000007 0.314 0.753

L4.Conduct 0.241910 0.057206 4.229 0.000

L4.Water -14.371086 0.402328 -35.720 0.000

L4.Temp -0.662051 0.055256 -11.982 0.000

L4.Prep. horaria -0.000016 0.000015 -1.044 0.297

L4.Temp. prom aire -0.000001 0.000007 -0.173 0.863

L5.Conduct -0.506355 0.035264 -14.359 0.000

L5.Water 6.218305 0.205983 30.188 0.000

L5.Temp 0.388307 0.036489 10.642 0.000

L5.Prep. horaria -0.000011 0.000015 -0.737 0.461

L5.Temp. prom aire -0.000003 0.000006 -0.460 0.646

L6.Conduct 0.113154 0.009391 12.049 0.000

L6.Water -1.089219 0.043592 -24.987 0.000

L6.Temp -0.090719 0.010223 -8.874 0.000

L6.Prep. horaria 0.000021 0.000013 1.607 0.108

L6.Temp. prom aire 0.000002 0.000003 0.506 0.613

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Results for equation Water

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000006 0.000006 1.106 0.269

L1.Conduct 0.009391 0.002038 4.607 0.000

L1.Water 4.842991 0.009738 497.321 0.000

L1.Temp 0.061558 0.002180 28.243 0.000

L1.Prep. horaria 0.000003 0.000003 0.915 0.360

L1.Temp. prom aire -0.000000 0.000001 -0.284 0.776

L2.Conduct -0.031492 0.007511 -4.193 0.000

L2.Water -9.721354 0.044661 -217.668 0.000

L2.Temp -0.262189 0.007802 -33.607 0.000

L2.Prep. horaria -0.000004 0.000003 -1.106 0.269

L2.Temp. prom aire -0.000000 0.000001 -0.032 0.974

L3.Conduct 0.040904 0.011988 3.412 0.001

L3.Water 10.335763 0.084861 121.797 0.000

L3.Temp 0.434062 0.011679 37.165 0.000

L3.Prep. horaria 0.000000 0.000003 0.155 0.877

L3.Temp. prom aire 0.000001 0.000001 0.441 0.659

L4.Conduct -0.025993 0.011907 -2.183 0.029

L4.Water -6.120380 0.083739 -73.089 0.000

L4.Temp -0.343772 0.011501 -29.891 0.000

L4.Prep. horaria 0.000000 0.000003 0.086 0.931

L4.Temp. prom aire -0.000000 0.000001 -0.135 0.893

L5.Conduct 0.008396 0.007340 1.144 0.253

L5.Water 1.903424 0.042873 44.397 0.000

L5.Temp 0.126309 0.007595 16.631 0.000

L5.Prep. horaria -0.000003 0.000003 -0.828 0.408

L5.Temp. prom aire -0.000001 0.000001 -0.529 0.597

L6.Conduct -0.001206 0.001955 -0.617 0.537

L6.Water -0.240444 0.009073 -26.501 0.000

L6.Temp -0.015968 0.002128 -7.504 0.000

L6.Prep. horaria -0.000010 0.000003 -3.497 0.000

L6.Temp. prom aire 0.000000 0.000001 0.710 0.477

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Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000062 0.000025 2.537 0.011

L1.Conduct -0.056307 0.008955 -6.288 0.000

L1.Water 0.734240 0.042779 17.164 0.000

L1.Temp 3.412916 0.009575 356.448 0.000

L1.Prep. horaria -0.000002 0.000012 -0.153 0.879

L1.Temp. prom aire -0.000005 0.000003 -1.639 0.101

L2.Conduct 0.163430 0.032995 4.953 0.000

L2.Water -3.180431 0.196194 -16.211 0.000

L2.Temp -3.941736 0.034272 -115.012 0.000

L2.Prep. horaria 0.000001 0.000014 0.058 0.953

L2.Temp. prom aire 0.000005 0.000006 0.824 0.410

L3.Conduct -0.133672 0.052664 -2.538 0.011

L3.Water 5.517022 0.372787 14.799 0.000

L3.Temp 1.340199 0.051307 26.121 0.000

L3.Prep. horaria 0.000001 0.000014 0.045 0.964

L3.Temp. prom aire 0.000004 0.000006 0.659 0.510

L4.Conduct -0.020026 0.052305 -0.383 0.702

L4.Water -4.800055 0.367861 -13.049 0.000

L4.Temp 0.450070 0.050522 8.908 0.000

L4.Prep. horaria 0.000006 0.000014 0.403 0.687

L4.Temp. prom aire -0.000005 0.000006 -0.729 0.466

L5.Conduct 0.068620 0.032243 2.128 0.033

L5.Water 2.100241 0.188337 11.152 0.000

L5.Temp -0.219846 0.033363 -6.589 0.000

L5.Prep. horaria 0.000005 0.000014 0.384 0.701

L5.Temp. prom aire 0.000011 0.000006 1.904 0.057

L6.Conduct -0.022046 0.008586 -2.567 0.010

L6.Water -0.371017 0.039857 -9.309 0.000

L6.Temp -0.041605 0.009348 -4.451 0.000

L6.Prep. horaria 0.000007 0.000012 0.538 0.591

L6.Temp. prom aire -0.000011 0.000003 -3.523 0.000

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.075983 0.018733 -4.056 0.000

L1.Conduct 0.413019 6.812048 0.061 0.952

L1.Water 74.608303 32.542726 2.293 0.022

L1.Temp 3.028174 7.283709 0.416 0.678

L1.Prep. horaria 0.573944 0.009260 61.982 0.000

L1.Temp. prom aire -0.002774 0.002335 -1.188 0.235

L2.Conduct -7.435558 25.100204 -0.296 0.767

L2.Water -297.958057 149.248302 -1.996 0.046

L2.Temp -13.669456 26.071503 -0.524 0.600

L2.Prep. horaria 0.145846 0.010678 13.658 0.000

L2.Temp. prom aire 0.007797 0.004496 1.734 0.083

L3.Conduct 8.808641 40.062421 0.220 0.826

L3.Water 479.329841 283.585478 1.690 0.091

L3.Temp 23.329359 39.030123 0.598 0.550

L3.Prep. horaria 0.008653 0.010769 0.804 0.422

L3.Temp. prom aire -0.005260 0.004831 -1.089 0.276

L4.Conduct 14.966742 39.789431 0.376 0.707

L4.Water -387.667336 279.837667 -1.385 0.166

L4.Temp -18.658104 38.432930 -0.485 0.627

L4.Prep. horaria -0.029434 0.010780 -2.730 0.006

L4.Temp. prom aire 0.001906 0.004831 0.395 0.693

L5.Conduct -29.039581 24.527827 -1.184 0.236

L5.Water 157.256737 143.270733 1.098 0.272

L5.Temp 6.900632 25.380066 0.272 0.786

L5.Prep. horaria 0.002110 0.010696 0.197 0.844

L5.Temp. prom aire -0.003889 0.004495 -0.865 0.387

L6.Conduct 12.286865 6.531890 1.881 0.060

L6.Water -25.566064 30.320185 -0.843 0.399

L6.Temp -0.929253 7.110814 -0.131 0.896

L6.Prep. horaria 0.034192 0.009251 3.696 0.000

L6.Temp. prom aire 0.003175 0.002335 1.360 0.174

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.576662 0.074242 7.767 0.000

L1.Conduct -4.274878 26.997245 -0.158 0.874

L1.Water -10.889380 128.972070 -0.084 0.933

L1.Temp -25.689555 28.866512 -0.890 0.373

L1.Prep. horaria 0.054124 0.036698 1.475 0.140

L1.Temp. prom aire 1.643228 0.009254 177.576 0.000

L2.Conduct 3.763225 99.476156 0.038 0.970

L2.Water 102.398679 591.495090 0.173 0.863

L2.Temp 136.449316 103.325573 1.321 0.187

L2.Prep. horaria 0.021334 0.042321 0.504 0.614

L2.Temp. prom aire -0.758525 0.017817 -42.574 0.000

L3.Conduct 14.712140 158.773833 0.093 0.926

L3.Water -273.006796 1123.894978 -0.243 0.808

L3.Temp -283.683148 154.682673 -1.834 0.067

L3.Prep. horaria -0.010550 0.042678 -0.247 0.805

L3.Temp. prom aire 0.083967 0.019147 4.385 0.000

L4.Conduct -26.046982 157.691933 -0.165 0.869

L4.Water 314.498201 1109.041801 0.284 0.777

L4.Temp 305.780485 152.315899 2.008 0.045

L4.Prep. horaria -0.004804 0.042725 -0.112 0.910

L4.Temp. prom aire -0.042292 0.019147 -2.209 0.027

L5.Conduct 14.345979 97.207735 0.148 0.883

L5.Water -164.980003 567.805020 -0.291 0.771

L5.Temp -175.113308 100.585296 -1.741 0.082

L5.Prep. horaria -0.001302 0.042391 -0.031 0.975

L5.Temp. prom aire 0.019608 0.017815 1.101 0.271

L6.Conduct -2.494987 25.886933 -0.096 0.923

L6.Water 31.972840 120.163783 0.266 0.790

L6.Temp 42.302739 28.181304 1.501 0.133

L6.Prep. horaria 0.026824 0.036662 0.732 0.464

L6.Temp. prom aire -0.052702 0.009254 -5.695 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.336785 0.058672 -0.002133 0.001186

Water 0.336785 1.000000 -0.254062 0.004932 0.005323

Temp 0.058672 -0.254062 1.000000 -0.001868 0.002433

Prep. horaria -0.002133 0.004932 -0.001868 1.000000 -0.024501

Temp. prom aire 0.001186 0.005323 0.002433 -0.024501 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -52.8129

Nobs: 11683.0 HQIC: -52.8778

Log likelihood: 226345. FPE: 1.05008e-23

AIC: -52.9106 Det(Omega\_mle): 1.03626e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.000271 0.000075 3.625 0.000

L1.Conduct 2.995507 0.008997 332.927 0.000

L1.Water 4.804181 0.211106 22.757 0.000

L1.Temp 0.305856 0.034423 8.885 0.000

L1.Prep. horaria -0.000052 0.000036 -1.463 0.144

L1.Temp. prom aire -0.000002 0.000009 -0.221 0.825

L2.Conduct -2.747625 0.028928 -94.980 0.000

L2.Water -21.592192 0.994178 -21.719 0.000

L2.Temp -1.309715 0.129726 -10.096 0.000

L2.Prep. horaria 0.000221 0.000041 5.327 0.000

L2.Temp. prom aire -0.000001 0.000017 -0.063 0.950

L3.Conduct 0.438436 0.038558 11.371 0.000

L3.Water 39.397447 1.920164 20.518 0.000

L3.Temp 2.231179 0.208143 10.719 0.000

L3.Prep. horaria -0.000191 0.000042 -4.554 0.000

L3.Temp. prom aire 0.000001 0.000019 0.051 0.959

L4.Conduct 0.161879 0.038512 4.203 0.000

L4.Water -36.596574 1.904434 -19.217 0.000

L4.Temp -1.898699 0.206110 -9.212 0.000

L4.Prep. horaria 0.000003 0.000042 0.069 0.945

L4.Temp. prom aire -0.000003 0.000019 -0.136 0.892

L5.Conduct 0.371285 0.028746 12.916 0.000

L5.Water 17.353378 0.969551 17.898 0.000

L5.Temp 0.813206 0.127228 6.392 0.000

L5.Prep. horaria 0.000040 0.000042 0.957 0.338

L5.Temp. prom aire 0.000013 0.000017 0.769 0.442

L6.Conduct -0.219487 0.008880 -24.718 0.000

L6.Water -3.366242 0.202218 -16.647 0.000

L6.Temp -0.141835 0.033777 -4.199 0.000

L6.Prep. horaria 0.000080 0.000036 2.227 0.026

L6.Temp. prom aire -0.000010 0.000009 -1.119 0.263

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000003 0.000003 0.816 0.414

L1.Conduct 0.002157 0.000414 5.215 0.000

L1.Water 4.798917 0.009703 494.569 0.000

L1.Temp 0.067038 0.001582 42.370 0.000

L1.Prep. horaria 0.000002 0.000002 1.172 0.241

L1.Temp. prom aire 0.000000 0.000000 0.196 0.845

L2.Conduct -0.003962 0.001330 -2.980 0.003

L2.Water -9.473419 0.045696 -207.313 0.000

L2.Temp -0.288089 0.005963 -48.315 0.000

L2.Prep. horaria 0.000001 0.000002 0.650 0.516

L2.Temp. prom aire 0.000000 0.000001 0.434 0.665

L3.Conduct 0.000635 0.001772 0.358 0.720

L3.Water 9.801646 0.088258 111.057 0.000

L3.Temp 0.487748 0.009567 50.982 0.000

L3.Prep. horaria -0.000002 0.000002 -0.945 0.344

L3.Temp. prom aire -0.000001 0.000001 -0.862 0.388

L4.Conduct 0.001180 0.001770 0.667 0.505

L4.Water -5.562743 0.087535 -63.549 0.000

L4.Temp -0.404242 0.009474 -42.670 0.000

L4.Prep. horaria -0.000001 0.000002 -0.521 0.602

L4.Temp. prom aire -0.000000 0.000001 -0.020 0.984

L5.Conduct 0.000828 0.001321 0.627 0.531

L5.Water 1.619345 0.044564 36.337 0.000

L5.Temp 0.162421 0.005848 27.774 0.000

L5.Prep. horaria -0.000002 0.000002 -1.102 0.271

L5.Temp. prom aire 0.000000 0.000001 0.380 0.704

L6.Conduct -0.000838 0.000408 -2.054 0.040

L6.Water -0.183745 0.009295 -19.769 0.000

L6.Temp -0.024875 0.001553 -16.022 0.000

L6.Prep. horaria -0.000004 0.000002 -2.574 0.010

L6.Temp. prom aire 0.000000 0.000000 0.250 0.803

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000053 0.000021 2.511 0.012

L1.Conduct -0.010844 0.002522 -4.299 0.000

L1.Water 1.376901 0.059182 23.266 0.000

L1.Temp 3.605413 0.009650 373.612 0.000

L1.Prep. horaria 0.000002 0.000010 0.179 0.858

L1.Temp. prom aire 0.000002 0.000003 0.802 0.422

L2.Conduct 0.030027 0.008110 3.703 0.000

L2.Water -6.325718 0.278709 -22.697 0.000

L2.Temp -4.595464 0.036367 -126.362 0.000

L2.Prep. horaria -0.000003 0.000012 -0.232 0.817

L2.Temp. prom aire -0.000005 0.000005 -1.090 0.276

L3.Conduct -0.020872 0.010809 -1.931 0.053

L3.Water 11.657664 0.538300 21.656 0.000

L3.Temp 2.067611 0.058351 35.434 0.000

L3.Prep. horaria 0.000001 0.000012 0.108 0.914

L3.Temp. prom aire 0.000005 0.000005 0.981 0.326

L4.Conduct -0.009881 0.010797 -0.915 0.360

L4.Water -10.777476 0.533891 -20.187 0.000

L4.Temp 0.274926 0.057781 4.758 0.000

L4.Prep. horaria 0.000003 0.000012 0.270 0.787

L4.Temp. prom aire 0.000003 0.000005 0.495 0.621

L5.Conduct 0.016434 0.008059 2.039 0.041

L5.Water 5.000733 0.271805 18.398 0.000

L5.Temp -0.399065 0.035667 -11.189 0.000

L5.Prep. horaria 0.000004 0.000012 0.351 0.725

L5.Temp. prom aire 0.000001 0.000005 0.149 0.882

L6.Conduct -0.004865 0.002489 -1.954 0.051

L6.Water -0.932105 0.056690 -16.442 0.000

L6.Temp 0.046578 0.009469 4.919 0.000

L6.Prep. horaria 0.000006 0.000010 0.646 0.518

L6.Temp. prom aire -0.000006 0.000003 -2.159 0.031

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.058133 0.019282 -3.015 0.003

L1.Conduct -2.895417 2.321662 -1.247 0.212

L1.Water 74.233241 54.472516 1.363 0.173

L1.Temp 5.734148 8.882308 0.646 0.519

L1.Prep. horaria 0.579351 0.009260 62.565 0.000

L1.Temp. prom aire -0.002765 0.002346 -1.179 0.239

L2.Conduct 6.467353 7.464533 0.866 0.386

L2.Water -339.478572 256.532110 -1.323 0.186

L2.Temp -24.197133 33.473735 -0.723 0.470

L2.Prep. horaria 0.147459 0.010706 13.773 0.000

L2.Temp. prom aire 0.007757 0.004509 1.720 0.085

L3.Conduct -3.463519 9.949396 -0.348 0.728

L3.Water 647.323849 495.468369 1.306 0.191

L3.Temp 38.775720 53.708062 0.722 0.470

L3.Prep. horaria 0.009707 0.010803 0.899 0.369

L3.Temp. prom aire -0.005344 0.004845 -1.103 0.270

L4.Conduct -0.902084 9.937483 -0.091 0.928

L4.Water -636.403823 491.409590 -1.295 0.195

L4.Temp -28.663931 53.183471 -0.539 0.590

L4.Prep. horaria -0.028542 0.010810 -2.640 0.008

L4.Temp. prom aire 0.002016 0.004845 0.416 0.677

L5.Conduct 0.611067 7.417519 0.082 0.934

L5.Water 318.692704 250.177607 1.274 0.203

L5.Temp 9.101460 32.829196 0.277 0.782

L5.Prep. horaria 0.003175 0.010726 0.296 0.767

L5.Temp. prom aire -0.003915 0.004510 -0.868 0.385

L6.Conduct 0.182382 2.291233 0.080 0.937

L6.Water -64.364157 52.179288 -1.234 0.217

L6.Temp -0.749355 8.715640 -0.086 0.931

L6.Prep. horaria 0.033881 0.009255 3.661 0.000

L6.Temp. prom aire 0.003160 0.002346 1.347 0.178

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.470054 0.076051 6.181 0.000

L1.Conduct 2.373050 9.156890 0.259 0.796

L1.Water 87.518211 214.845567 0.407 0.684

L1.Temp 45.595782 35.032795 1.302 0.193

L1.Prep. horaria 0.053691 0.036522 1.470 0.142

L1.Temp. prom aire 1.639736 0.009252 177.238 0.000

L2.Conduct -2.762432 29.440937 -0.094 0.925

L2.Water -392.839041 1011.790729 -0.388 0.698

L2.Temp -234.398968 132.024077 -1.775 0.076

L2.Prep. horaria 0.021530 0.042226 0.510 0.610

L2.Temp. prom aire -0.756126 0.017784 -42.516 0.000

L3.Conduct -2.764525 39.241507 -0.070 0.944

L3.Water 723.172808 1954.181493 0.370 0.711

L3.Temp 476.837946 211.830479 2.251 0.024

L3.Prep. horaria -0.010359 0.042606 -0.243 0.808

L3.Temp. prom aire 0.084086 0.019109 4.400 0.000

L4.Conduct 2.289150 39.194519 0.058 0.953

L4.Water -688.107676 1938.173227 -0.355 0.723

L4.Temp -469.628685 209.761431 -2.239 0.025

L4.Prep. horaria -0.004182 0.042638 -0.098 0.922

L4.Temp. prom aire -0.043047 0.019110 -2.253 0.024

L5.Conduct 3.072500 29.255507 0.105 0.916

L5.Water 340.633268 986.727874 0.345 0.730

L5.Temp 221.417636 129.481945 1.710 0.087

L5.Prep. horaria -0.000918 0.042304 -0.022 0.983

L5.Temp. prom aire 0.022914 0.017788 1.288 0.198

L6.Conduct -2.205864 9.036874 -0.244 0.807

L6.Water -70.379377 205.800826 -0.342 0.732

L6.Temp -39.771295 34.375440 -1.157 0.247

L6.Prep. horaria 0.028088 0.036503 0.769 0.442

L6.Temp. prom aire -0.056665 0.009254 -6.123 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.065851 0.042415 -0.003676 0.002449

Water 0.065851 1.000000 -0.335878 -0.001647 0.002351

Temp 0.042415 -0.335878 1.000000 -0.001007 -0.005222

Prep. horaria -0.003676 -0.001647 -0.001007 1.000000 -0.024639

Temp. prom aire 0.002449 0.002351 -0.005222 -0.024639 1.000000

* + - Lag 12:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.7070

Nobs: 11677.0 HQIC: -53.8347

Log likelihood: 232152. FPE: 3.90667e-24

AIC: -53.8994 Det(Omega\_mle): 3.80621e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000234 0.000070 3.350 0.001

L1.Conduct 2.948292 0.009657 305.303 0.000

L1.Water 7.131282 0.198466 35.932 0.000

L1.Temp -0.049766 0.018817 -2.645 0.008

L1.Prep. horaria 0.000004 0.000025 0.144 0.886

L1.Temp. prom aire -0.000002 0.000006 -0.377 0.707

L2.Conduct -2.725257 0.030170 -90.329 0.000

L2.Water -31.671503 0.914776 -34.622 0.000

L2.Temp 0.221565 0.060925 3.637 0.000

L2.Prep. horaria 0.000141 0.000029 4.884 0.000

L2.Temp. prom aire -0.000002 0.000012 -0.155 0.877

L3.Conduct 0.540081 0.040186 13.440 0.000

L3.Water 60.876051 1.415077 43.020 0.000

L3.Temp -0.312823 0.082208 -3.805 0.000

L3.Prep. horaria -0.000094 0.000029 -3.230 0.001

L3.Temp. prom aire 0.000003 0.000013 0.237 0.813

L4.Conduct 0.239380 0.040529 5.906 0.000

L4.Water -71.382888 NAN NAN NAN

L4.Temp 0.176352 0.083121 2.122 0.034

L4.Prep. horaria -0.000011 0.000029 -0.388 0.698

L4.Temp. prom aire -0.000003 0.000013 -0.216 0.829

L5.Conduct 0.028015 0.040543 0.691 0.490

L5.Water 65.925006 1.593596 41.369 0.000

L5.Temp -0.146391 0.081755 -1.791 0.073

L5.Prep. horaria 0.000028 0.000029 0.952 0.341

L5.Temp. prom aire 0.000012 0.000013 0.962 0.336

L6.Conduct -0.021972 0.040526 -0.542 0.588

L6.Water -59.667003 5.209588 -11.453 0.000

L6.Temp 0.217114 0.083480 2.601 0.009

L6.Prep. horaria 0.000035 0.000029 1.196 0.232

L6.Temp. prom aire -0.000009 0.000013 -0.667 0.505

L7.Conduct -0.020811 0.040519 -0.514 0.608

L7.Water 54.720651 5.366891 10.196 0.000

L7.Temp -0.168954 0.086720 -1.948 0.051

L7.Prep. horaria 0.000036 0.000029 1.228 0.219

L7.Temp. prom aire -0.000008 0.000013 -0.604 0.546

L8.Conduct 0.014003 0.040584 0.345 0.730

L8.Water -44.733875 2.078289 -21.524 0.000

L8.Temp 0.177983 0.085008 2.094 0.036

L8.Prep. horaria 0.000001 0.000029 0.033 0.974

L8.Temp. prom aire 0.000017 0.000013 1.327 0.185

L9.Conduct 0.022529 0.040837 0.552 0.581

L9.Water 28.163910 NAN NAN NAN

L9.Temp -0.158524 0.081798 -1.938 0.053

L9.Prep. horaria 0.000039 0.000029 1.340 0.180

L9.Temp. prom aire -0.000003 0.000013 -0.211 0.833

L10.Conduct 0.039497 0.040146 0.984 0.325

L10.Water -12.345558 1.105594 -11.166 0.000

L10.Temp 0.010957 0.081545 0.134 0.893

L10.Prep. horaria 0.000006 0.000029 0.224 0.823

L10.Temp. prom aire -0.000022 0.000013 -1.724 0.085

L11.Conduct -0.119301 0.029357 -4.064 0.000

L11.Water 3.511664 0.812994 4.319 0.000

L11.Temp 0.044427 0.061047 0.728 0.467

L11.Prep. horaria 0.000024 0.000029 0.829 0.407

L11.Temp. prom aire 0.000015 0.000012 1.226 0.220

L12.Conduct 0.055540 0.009131 6.083 0.000

L12.Water -0.527733 0.179134 -2.946 0.003

L12.Temp -0.011945 0.018832 -0.634 0.526

L12.Prep. horaria 0.000021 0.000025 0.850 0.396

L12.Temp. prom aire -0.000000 0.000006 -0.053 0.958

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000009 0.000003 2.767 0.006

L1.Conduct 0.000603 0.000448 1.347 0.178

L1.Water 5.563728 0.009199 604.791 0.000

L1.Temp -0.006571 0.000872 -7.533 0.000

L1.Prep. horaria 0.000000 0.000001 0.226 0.821

L1.Temp. prom aire -0.000000 0.000000 -0.852 0.394

L2.Conduct -0.002411 0.001398 -1.724 0.085

L2.Water -13.725678 0.042402 -323.700 0.000

L2.Temp 0.030480 0.002824 10.793 0.000

L2.Prep. horaria -0.000003 0.000001 -2.534 0.011

L2.Temp. prom aire 0.000000 0.000001 0.623 0.533

L3.Conduct 0.003283 0.001863 1.762 0.078

L3.Water 20.265178 0.065593 308.955 0.000

L3.Temp -0.059921 0.003811 -15.725 0.000

L3.Prep. horaria 0.000005 0.000001 4.039 0.000

L3.Temp. prom aire -0.000000 0.000001 -0.038 0.969

L4.Conduct -0.001202 0.001879 -0.640 0.522

L4.Water -20.855365 NAN NAN NAN

L4.Temp 0.069502 0.003853 18.039 0.000

L4.Prep. horaria -0.000003 0.000001 -2.128 0.033

L4.Temp. prom aire -0.000000 0.000001 -0.443 0.658

L5.Conduct -0.000687 0.001879 -0.365 0.715

L5.Water 16.844925 0.073868 228.042 0.000

L5.Temp -0.061518 0.003790 -16.233 0.000

L5.Prep. horaria -0.000002 0.000001 -1.133 0.257

L5.Temp. prom aire 0.000000 0.000001 0.473 0.636

L6.Conduct 0.000443 0.001879 0.236 0.813

L6.Water -11.546671 0.241479 -47.816 0.000

L6.Temp 0.048585 0.003870 12.556 0.000

L6.Prep. horaria -0.000001 0.000001 -0.702 0.482

L6.Temp. prom aire 0.000000 0.000001 0.097 0.923

L7.Conduct -0.000764 0.001878 -0.407 0.684

L7.Water 6.879818 0.248770 27.655 0.000

L7.Temp -0.030432 0.004020 -7.571 0.000

L7.Prep. horaria 0.000002 0.000001 1.292 0.196

L7.Temp. prom aire 0.000000 0.000001 0.331 0.741

L8.Conduct 0.001163 0.001881 0.618 0.536

L8.Water -3.719039 0.096334 -38.605 0.000

L8.Temp 0.015536 0.003940 3.943 0.000

L8.Prep. horaria -0.000005 0.000001 -3.634 0.000

L8.Temp. prom aire -0.000001 0.000001 -1.398 0.162

L9.Conduct -0.000748 0.001893 -0.395 0.693

L9.Water 2.041018 NAN NAN NAN

L9.Temp -0.009928 0.003792 -2.618 0.009

L9.Prep. horaria 0.000008 0.000001 5.647 0.000

L9.Temp. prom aire 0.000001 0.000001 0.854 0.393

L10.Conduct 0.001637 0.001861 0.880 0.379

L10.Water -1.102821 0.051247 -21.520 0.000

L10.Temp 0.004815 0.003780 1.274 0.203

L10.Prep. horaria -0.000007 0.000001 -5.163 0.000

L10.Temp. prom aire -0.000000 0.000001 -0.752 0.452

L11.Conduct -0.002154 0.001361 -1.583 0.113

L11.Water 0.437046 0.037685 11.597 0.000

L11.Temp 0.000033 0.002830 0.012 0.991

L11.Prep. horaria 0.000001 0.000001 0.565 0.572

L11.Temp. prom aire 0.000001 0.000001 1.418 0.156

L12.Conduct 0.000836 0.000423 1.975 0.048

L12.Water -0.082138 0.008303 -9.892 0.000

L12.Temp -0.000581 0.000873 -0.666 0.506

L12.Prep. horaria 0.000001 0.000001 1.223 0.221

L12.Temp. prom aire -0.000000 0.000000 -1.316 0.188

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000055 0.000035 1.539 0.124

L1.Conduct -0.020925 0.004913 -4.260 0.000

L1.Water 0.735170 0.100961 7.282 0.000

L1.Temp 3.076909 0.009573 321.429 0.000

L1.Prep. horaria 0.000001 0.000013 0.058 0.954

L1.Temp. prom aire 0.000003 0.000003 1.093 0.274

L2.Conduct 0.049611 0.015348 3.232 0.001

L2.Water -3.517819 0.465356 -7.559 0.000

L2.Temp -2.871040 0.030993 -92.635 0.000

L2.Prep. horaria 0.000001 0.000015 0.059 0.953

L2.Temp. prom aire -0.000010 0.000006 -1.704 0.088

L3.Conduct -0.025488 0.020443 -1.247 0.212

L3.Water 7.338374 0.719864 10.194 0.000

L3.Temp 0.425738 0.041820 10.180 0.000

L3.Prep. horaria 0.000007 0.000015 0.505 0.614

L3.Temp. prom aire 0.000005 0.000007 0.741 0.459

L4.Conduct -0.009714 0.020617 -0.471 0.638

L4.Water -9.145845 NAN NAN NAN

L4.Temp 0.271288 0.042285 6.416 0.000

L4.Prep. horaria -0.000000 0.000015 -0.030 0.976

L4.Temp. prom aire 0.000004 0.000007 0.682 0.495

L5.Conduct 0.001156 0.020625 0.056 0.955

L5.Water 8.141429 0.810679 10.043 0.000

L5.Temp 0.101273 0.041590 2.435 0.015

L5.Prep. horaria 0.000002 0.000015 0.149 0.882

L5.Temp. prom aire -0.000003 0.000007 -0.407 0.684

L6.Conduct 0.004010 0.020616 0.194 0.846

L6.Water -5.794159 2.650172 -2.186 0.029

L6.Temp 0.086301 0.042467 2.032 0.042

L6.Prep. horaria 0.000003 0.000015 0.234 0.815

L6.Temp. prom aire 0.000008 0.000007 1.247 0.213

L7.Conduct 0.000681 0.020613 0.033 0.974

L7.Water 3.260533 2.730193 1.194 0.232

L7.Temp -0.004867 0.044115 -0.110 0.912

L7.Prep. horaria 0.000003 0.000015 0.208 0.835

L7.Temp. prom aire -0.000010 0.000007 -1.570 0.116

L8.Conduct -0.000645 0.020646 -0.031 0.975

L8.Water -1.286055 1.057247 -1.216 0.224

L8.Temp -0.014264 0.043245 -0.330 0.742

L8.Prep. horaria 0.000002 0.000015 0.137 0.891

L8.Temp. prom aire 0.000006 0.000007 0.875 0.382

L9.Conduct 0.002136 0.020774 0.103 0.918

L9.Water 0.262246 NAN NAN NAN

L9.Temp -0.064169 0.041612 -1.542 0.123

L9.Prep. horaria 0.000004 0.000015 0.294 0.768

L9.Temp. prom aire -0.000006 0.000007 -0.975 0.329

L10.Conduct 0.009533 0.020423 0.467 0.641

L10.Water 0.054220 0.562427 0.096 0.923

L10.Temp -0.097575 0.041483 -2.352 0.019

L10.Prep. horaria -0.000003 0.000015 -0.190 0.849

L10.Temp. prom aire -0.000000 0.000007 -0.046 0.963

L11.Conduct -0.017604 0.014934 -1.179 0.239

L11.Water -0.065206 0.413579 -0.158 0.875

L11.Temp 0.102364 0.031055 3.296 0.001

L11.Prep. horaria 0.000002 0.000015 0.130 0.896

L11.Temp. prom aire 0.000002 0.000006 0.286 0.775

L12.Conduct 0.007248 0.004645 1.560 0.119

L12.Water 0.017110 0.091127 0.188 0.851

L12.Temp -0.011958 0.009580 -1.248 0.212

L12.Prep. horaria -0.000002 0.000013 -0.118 0.906

L12.Temp. prom aire -0.000000 0.000003 -0.005 0.996

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.075113 0.026015 -2.887 0.004

L1.Conduct 4.040781 3.602350 1.122 0.262

L1.Water 304.539750 74.034129 4.114 0.000

L1.Temp 0.026591 7.019501 0.004 0.997

L1.Prep. horaria 0.577057 0.009318 61.930 0.000

L1.Temp. prom aire -0.002545 0.002348 -1.084 0.278

L2.Conduct -9.137760 11.254547 -0.812 0.417

L2.Water -1920.414200 341.241471 -5.628 0.000

L2.Temp -1.438275 22.726968 -0.063 0.950

L2.Prep. horaria 0.145291 0.010736 13.533 0.000

L2.Temp. prom aire 0.007743 0.004497 1.722 0.085

L3.Conduct 4.544052 14.990611 0.303 0.762

L3.Water 5661.481290 527.869943 10.725 0.000

L3.Temp -0.508839 30.666246 -0.017 0.987

L3.Prep. horaria 0.007918 0.010806 0.733 0.464

L3.Temp. prom aire -0.005424 0.004832 -1.123 0.262

L4.Conduct 2.064810 15.118549 0.137 0.891

L4.Water -10524.174587 NAN NAN NAN

L4.Temp 16.481337 31.007033 0.532 0.595

L4.Prep. horaria -0.030643 0.010864 -2.821 0.005

L4.Temp. prom aire 0.002167 0.004836 0.448 0.654

L5.Conduct -3.240985 15.123950 -0.214 0.830

L5.Water 14059.742736 594.463429 23.651 0.000

L5.Temp -37.869418 30.497444 -1.242 0.214

L5.Prep. horaria 0.001534 0.010803 0.142 0.887

L5.Temp. prom aire -0.003840 0.004837 -0.794 0.427

L6.Conduct 4.160878 15.117624 0.275 0.783

L6.Water -14642.457865 1943.346865 -7.535 0.000

L6.Temp 44.883593 31.140865 1.441 0.149

L6.Prep. horaria 0.008692 0.010850 0.801 0.423

L6.Temp. prom aire 0.004879 0.004835 1.009 0.313

L7.Conduct 0.141219 15.114974 0.009 0.993

L7.Water 12776.473978 2002.025939 6.382 0.000

L7.Temp -43.173242 32.349268 -1.335 0.182

L7.Prep. horaria 0.035292 0.010829 3.259 0.001

L7.Temp. prom aire -0.003565 0.004837 -0.737 0.461

L8.Conduct -9.512796 15.139263 -0.628 0.530

L8.Water -9987.240313 775.269671 -12.882 0.000

L8.Temp 44.465063 31.710862 1.402 0.161

L8.Prep. horaria -0.042876 0.010799 -3.970 0.000

L8.Temp. prom aire 0.002982 0.004838 0.616 0.538

L9.Conduct 9.790542 15.233595 0.643 0.520

L9.Water 7012.637022 NAN NAN NAN

L9.Temp -38.063750 30.513387 -1.247 0.212

L9.Prep. horaria 0.033900 0.010861 3.121 0.002

L9.Temp. prom aire -0.003459 0.004836 -0.715 0.475

L10.Conduct -1.168934 14.975705 -0.078 0.938

L10.Water -3950.378010 412.422927 -9.578 0.000

L10.Temp 21.076762 30.419097 0.693 0.488

L10.Prep. horaria 0.041836 0.010792 3.877 0.000

L10.Temp. prom aire 0.003930 0.004832 0.813 0.416

L11.Conduct -2.604399 10.951244 -0.238 0.812

L11.Water 1461.367251 303.273524 4.819 0.000

L11.Temp -7.334720 22.772366 -0.322 0.747

L11.Prep. horaria -0.007700 0.010737 -0.717 0.473

L11.Temp. prom aire -0.002804 0.004500 -0.623 0.533

L12.Conduct 0.922248 3.405989 0.271 0.787

L12.Water -251.573428 66.822660 -3.765 0.000

L12.Temp 1.455167 7.024831 0.207 0.836

L12.Prep. horaria 0.016109 0.009325 1.728 0.084

L12.Temp. prom aire 0.001755 0.002351 0.747 0.455

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.170082 0.102729 11.390 0.000

L1.Conduct -10.630466 14.224974 -0.747 0.455

L1.Water -95.585663 292.346256 -0.327 0.744

L1.Temp 8.906224 27.718635 0.321 0.748

L1.Prep. horaria 0.057529 0.036794 1.564 0.118

L1.Temp. prom aire 1.633234 0.009271 176.158 0.000

L2.Conduct 24.423100 44.442001 0.550 0.583

L2.Water 719.235206 1347.495645 0.534 0.594

L2.Temp -101.452290 89.744340 -1.130 0.258

L2.Prep. horaria 0.021621 0.042395 0.510 0.610

L2.Temp. prom aire -0.751326 0.017757 -42.311 0.000

L3.Conduct -10.066761 59.194983 -0.170 0.865

L3.Water -1980.951099 2084.454884 -0.950 0.342

L3.Temp 283.950888 121.094990 2.345 0.019

L3.Prep. horaria -0.007628 0.042672 -0.179 0.858

L3.Temp. prom aire 0.079110 0.019080 4.146 0.000

L4.Conduct -5.697689 59.700186 -0.095 0.924

L4.Water 3016.893608 NAN NAN NAN

L4.Temp -296.649831 122.440692 -2.423 0.015

L4.Prep. horaria -0.006646 0.042901 -0.155 0.877

L4.Temp. prom aire -0.039488 0.019095 -2.068 0.039

L5.Conduct -4.684747 59.721513 -0.078 0.937

L5.Water -3914.228245 2347.419501 -1.667 0.095

L5.Temp 72.113102 120.428425 0.599 0.549

L5.Prep. horaria -0.004609 0.042658 -0.108 0.914

L5.Temp. prom aire -0.018336 0.019100 -0.960 0.337

L6.Conduct 4.902046 59.696531 0.082 0.935

L6.Water 5711.642193 7673.895653 0.744 0.457

L6.Temp 82.567757 122.969168 0.671 0.502

L6.Prep. horaria 0.022899 0.042844 0.534 0.593

L6.Temp. prom aire 0.015632 0.019094 0.819 0.413

L7.Conduct 0.975906 59.686068 0.016 0.987

L7.Water -7155.398908 7905.607809 -0.905 0.365

L7.Temp -88.408450 127.740915 -0.692 0.489

L7.Prep. horaria 0.019239 0.042763 0.450 0.653

L7.Temp. prom aire -0.039403 0.019100 -2.063 0.039

L8.Conduct 10.361367 59.781979 0.173 0.862

L8.Water 6303.711381 3061.387891 2.059 0.039

L8.Temp 105.872783 125.219974 0.845 0.398

L8.Prep. horaria 0.034907 0.042644 0.819 0.413

L8.Temp. prom aire 0.017602 0.019103 0.921 0.357

L9.Conduct -20.052690 60.154479 -0.333 0.739

L9.Water -3928.311653 NAN NAN NAN

L9.Temp -57.926054 120.491382 -0.481 0.631

L9.Prep. horaria -0.024669 0.042887 -0.575 0.565

L9.Temp. prom aire 0.011805 0.019098 0.618 0.537

L10.Conduct 20.655801 59.136124 0.349 0.727

L10.Water 1766.930240 1628.577256 1.085 0.278

L10.Temp -143.950285 120.119049 -1.198 0.231

L10.Prep. horaria -0.037481 0.042616 -0.879 0.379

L10.Temp. prom aire -0.007419 0.019082 -0.389 0.697

L11.Conduct -14.937187 43.244315 -0.345 0.730

L11.Water -505.341620 1197.567669 -0.422 0.673

L11.Temp 218.400666 89.923606 2.429 0.015

L11.Prep. horaria 0.002401 0.042397 0.057 0.955

L11.Temp. prom aire -0.056889 0.017769 -3.202 0.001

L12.Conduct 4.752297 13.449582 0.353 0.724

L12.Water 61.387626 263.869580 0.233 0.816

L12.Temp -83.380227 27.739678 -3.006 0.003

L12.Prep. horaria 0.026722 0.036822 0.726 0.468

L12.Temp. prom aire 0.033958 0.009284 3.658 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.149028 0.242488 0.020696 -0.003875

Water 0.149028 1.000000 -0.037511 0.026470 -0.001199

Temp 0.242488 -0.037511 1.000000 -0.000037 -0.007478

Prep. horaria 0.020696 0.026470 -0.000037 1.000000 -0.023624

Temp. prom aire -0.003875 -0.001199 -0.007478 -0.023624 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -54.7762

Nobs: 11677.0 HQIC: -54.9039

Log likelihood: 238394. FPE: 1.34110e-24

AIC: -54.9685 Det(Omega\_mle): 1.30662e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000118 0.000031 3.815 0.000

L1.Conduct 4.121886 0.011822 348.659 0.000

L1.Water 3.082206 0.152364 20.229 0.000

L1.Temp -0.225016 0.009496 -23.697 0.000

L1.Prep. horaria -0.000006 0.000011 -0.546 0.585

L1.Temp. prom aire 0.000004 0.000003 1.344 0.179

L2.Conduct -6.534845 0.050617 -129.104 0.000

L2.Water -15.547962 0.846520 -18.367 0.000

L2.Temp 0.732133 0.038998 18.774 0.000

L2.Prep. horaria -0.000037 0.000013 -2.852 0.004

L2.Temp. prom aire -0.000007 0.000005 -1.300 0.194

L3.Conduct 4.708588 0.091888 51.243 0.000

L3.Water 33.618309 2.080138 16.162 0.000

L3.Temp -0.626321 0.071594 -8.748 0.000

L3.Prep. horaria 0.000075 0.000013 5.740 0.000

L3.Temp. prom aire 0.000005 0.000006 0.841 0.400

L4.Conduct -1.172350 0.101434 -11.558 0.000

L4.Water -41.761113 2.954525 -14.135 0.000

L4.Temp -0.334009 0.080889 -4.129 0.000

L4.Prep. horaria -0.000011 0.000013 -0.804 0.421

L4.Temp. prom aire 0.000002 0.000006 0.400 0.689

L5.Conduct -0.274239 0.100633 -2.725 0.006

L5.Water 36.122008 2.529969 14.278 0.000

L5.Temp 0.841142 0.062931 13.366 0.000

L5.Prep. horaria 0.000022 0.000013 1.696 0.090

L5.Temp. prom aire -0.000005 0.000006 -0.884 0.377

L6.Conduct 0.243861 0.107622 2.266 0.023

L6.Water -28.551382 0.714985 -39.933 0.000

L6.Temp -0.635805 0.047395 -13.415 0.000

L6.Prep. horaria -0.000011 0.000013 -0.847 0.397

L6.Temp. prom aire 0.000009 0.000006 1.507 0.132

L7.Conduct -0.183228 0.110516 -1.658 0.097

L7.Water 24.241416 1.001584 24.203 0.000

L7.Temp 0.513795 0.064903 7.916 0.000

L7.Prep. horaria 0.000021 0.000013 1.583 0.113

L7.Temp. prom aire -0.000009 0.000006 -1.535 0.125

L8.Conduct 0.075357 0.109660 0.687 0.492

L8.Water -18.330705 2.716980 -6.747 0.000

L8.Temp -0.381594 0.085265 -4.475 0.000

L8.Prep. horaria -0.000021 0.000013 -1.630 0.103

L8.Temp. prom aire -0.000002 0.000006 -0.327 0.744

L9.Conduct 0.075656 0.104806 0.722 0.470

L9.Water 10.066423 3.034645 3.317 0.001

L9.Temp 0.134125 0.082400 1.628 0.104

L9.Prep. horaria 0.000005 0.000013 0.348 0.728

L9.Temp. prom aire 0.000005 0.000006 0.816 0.414

L10.Conduct -0.088680 0.085468 -1.038 0.299

L10.Water -3.704840 2.065257 -1.794 0.073

L10.Temp -0.056714 0.059990 -0.945 0.344

L10.Prep. horaria -0.000040 0.000013 -3.038 0.002

L10.Temp. prom aire 0.000002 0.000006 0.378 0.705

L11.Conduct 0.029894 0.045078 0.663 0.507

L11.Water 0.881207 0.812209 1.085 0.278

L11.Temp 0.057410 0.031862 1.802 0.072

L11.Prep. horaria 0.000002 0.000013 0.167 0.867

L11.Temp. prom aire -0.000005 0.000005 -0.862 0.389

L12.Conduct -0.001899 0.010424 -0.182 0.855

L12.Water -0.115571 0.141113 -0.819 0.413

L12.Temp -0.019150 0.008155 -2.348 0.019

L12.Prep. horaria -0.000002 0.000011 -0.217 0.828

L12.Temp. prom aire 0.000003 0.000003 1.056 0.291

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000004 0.000004 1.008 0.314

L1.Conduct 0.011294 0.001584 7.130 0.000

L1.Water 5.302593 0.020416 259.727 0.000

L1.Temp 0.039227 0.001272 30.830 0.000

L1.Prep. horaria -0.000002 0.000002 -1.348 0.178

L1.Temp. prom aire 0.000000 0.000000 0.408 0.683

L2.Conduct -0.042715 0.006782 -6.298 0.000

L2.Water -12.258332 0.113429 -108.070 0.000

L2.Temp -0.169138 0.005226 -32.368 0.000

L2.Prep. horaria -0.000002 0.000002 -1.274 0.203

L2.Temp. prom aire -0.000000 0.000001 -0.293 0.770

L3.Conduct 0.062366 0.012313 5.065 0.000

L3.Water 16.491871 0.278728 59.168 0.000

L3.Temp 0.294496 0.009593 30.698 0.000

L3.Prep. horaria 0.000003 0.000002 1.905 0.057

L3.Temp. prom aire 0.000000 0.000001 0.103 0.918

L4.Conduct -0.041918 0.013592 -3.084 0.002

L4.Water -14.832547 0.395891 -37.466 0.000

L4.Temp -0.278435 0.010839 -25.689 0.000

L4.Prep. horaria 0.000001 0.000002 0.510 0.610

L4.Temp. prom aire 0.000000 0.000001 0.259 0.796

L5.Conduct 0.010477 0.013484 0.777 0.437

L5.Water 10.033892 0.339003 29.598 0.000

L5.Temp 0.181799 0.008432 21.560 0.000

L5.Prep. horaria 0.000003 0.000002 1.948 0.051

L5.Temp. prom aire -0.000000 0.000001 -0.053 0.957

L6.Conduct -0.000543 0.014421 -0.038 0.970

L6.Water -5.724984 0.095804 -59.757 0.000

L6.Temp -0.105912 0.006351 -16.677 0.000

L6.Prep. horaria -0.000007 0.000002 -4.010 0.000

L6.Temp. prom aire -0.000000 0.000001 -0.533 0.594

L7.Conduct 0.005615 0.014809 0.379 0.705

L7.Water 2.952138 0.134207 21.997 0.000

L7.Temp 0.051653 0.008697 5.939 0.000

L7.Prep. horaria 0.000002 0.000002 1.117 0.264

L7.Temp. prom aire 0.000001 0.000001 1.118 0.264

L8.Conduct -0.006600 0.014694 -0.449 0.653

L8.Water -1.432806 0.364061 -3.936 0.000

L8.Temp -0.023222 0.011425 -2.033 0.042

L8.Prep. horaria -0.000011 0.000002 -6.477 0.000

L8.Temp. prom aire -0.000001 0.000001 -1.458 0.145

L9.Conduct -0.003049 0.014044 -0.217 0.828

L9.Water 0.764928 0.406627 1.881 0.060

L9.Temp 0.017109 0.011041 1.550 0.121

L9.Prep. horaria 0.000002 0.000002 1.130 0.259

L9.Temp. prom aire 0.000001 0.000001 0.681 0.496

L10.Conduct 0.011192 0.011452 0.977 0.328

L10.Water -0.479770 0.276734 -1.734 0.083

L10.Temp -0.009209 0.008038 -1.146 0.252

L10.Prep. horaria -0.000005 0.000002 -2.635 0.008

L10.Temp. prom aire 0.000000 0.000001 0.423 0.672

L11.Conduct -0.007978 0.006040 -1.321 0.187

L11.Water 0.235958 0.108832 2.168 0.030

L11.Temp 0.001499 0.004269 0.351 0.725

L11.Prep. horaria 0.000001 0.000002 0.598 0.550

L11.Temp. prom aire -0.000000 0.000001 -0.289 0.772

L12.Conduct 0.001861 0.001397 1.332 0.183

L12.Water -0.052942 0.018908 -2.800 0.005

L12.Temp 0.000132 0.001093 0.120 0.904

L12.Prep. horaria -0.000002 0.000002 -1.463 0.143

L12.Temp. prom aire 0.000000 0.000000 0.027 0.979

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000060 0.000040 1.506 0.132

L1.Conduct -0.108519 0.015259 -7.112 0.000

L1.Water 0.911321 0.196664 4.634 0.000

L1.Temp 3.317989 0.012256 270.715 0.000

L1.Prep. horaria 0.000006 0.000015 0.407 0.684

L1.Temp. prom aire 0.000004 0.000004 1.191 0.234

L2.Conduct 0.379906 0.065333 5.815 0.000

L2.Water -4.146345 1.092642 -3.795 0.000

L2.Temp -3.549057 0.050337 -70.506 0.000

L2.Prep. horaria 0.000002 0.000017 0.096 0.924

L2.Temp. prom aire -0.000011 0.000007 -1.590 0.112

L3.Conduct -0.460314 0.118604 -3.881 0.000

L3.Water 7.811964 2.684930 2.910 0.004

L3.Temp 0.977046 0.092410 10.573 0.000

L3.Prep. horaria 0.000000 0.000017 0.025 0.980

L3.Temp. prom aire 0.000009 0.000008 1.132 0.258

L4.Conduct 0.175959 0.130925 1.344 0.179

L4.Water -8.080984 3.813542 -2.119 0.034

L4.Temp 0.141354 0.104408 1.354 0.176

L4.Prep. horaria 0.000008 0.000017 0.445 0.656

L4.Temp. prom aire 0.000005 0.000008 0.710 0.478

L5.Conduct 0.048521 0.129891 0.374 0.709

L5.Water 5.427263 3.265548 1.662 0.097

L5.Temp 0.244395 0.081228 3.009 0.003

L5.Prep. horaria 0.000005 0.000017 0.284 0.777

L5.Temp. prom aire -0.000005 0.000008 -0.598 0.550

L6.Conduct -0.025169 0.138913 -0.181 0.856

L6.Water -2.782458 0.922865 -3.015 0.003

L6.Temp -0.007983 0.061175 -0.130 0.896

L6.Prep. horaria 0.000002 0.000017 0.108 0.914

L6.Temp. prom aire 0.000006 0.000008 0.852 0.394

L7.Conduct -0.012709 0.142648 -0.089 0.929

L7.Water 0.854582 1.292791 0.661 0.509

L7.Temp -0.026423 0.083773 -0.315 0.752

L7.Prep. horaria 0.000005 0.000017 0.299 0.765

L7.Temp. prom aire -0.000012 0.000008 -1.625 0.104

L8.Conduct -0.001522 0.141543 -0.011 0.991

L8.Water 0.390525 3.506932 0.111 0.911

L8.Temp -0.057281 0.110056 -0.520 0.603

L8.Prep. horaria 0.000002 0.000017 0.135 0.893

L8.Temp. prom aire 0.000006 0.000008 0.752 0.452

L9.Conduct -0.025113 0.135279 -0.186 0.853

L9.Water -0.638576 3.916957 -0.163 0.870

L9.Temp -0.081885 0.106357 -0.770 0.441

L9.Prep. horaria 0.000007 0.000017 0.412 0.680

L9.Temp. prom aire -0.000007 0.000008 -0.968 0.333

L10.Conduct 0.081912 0.110318 0.743 0.458

L10.Water 0.307186 2.665723 0.115 0.908

L10.Temp -0.115318 0.077432 -1.489 0.136

L10.Prep. horaria -0.000001 0.000017 -0.033 0.973

L10.Temp. prom aire 0.000002 0.000008 0.268 0.789

L11.Conduct -0.078027 0.058185 -1.341 0.180

L11.Water -0.049923 1.048356 -0.048 0.962

L11.Temp 0.240665 0.041125 5.852 0.000

L11.Prep. horaria -0.000004 0.000017 -0.209 0.835

L11.Temp. prom aire 0.000005 0.000007 0.774 0.439

L12.Conduct 0.025075 0.013455 1.864 0.062

L12.Water -0.004556 0.182141 -0.025 0.980

L12.Temp -0.083503 0.010526 -7.933 0.000

L12.Prep. horaria 0.000001 0.000015 0.062 0.951

L12.Temp. prom aire -0.000001 0.000004 -0.248 0.804

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.093600 0.025250 -3.707 0.000

L1.Conduct 23.927126 9.653002 2.479 0.013

L1.Water 52.175022 124.408657 0.419 0.675

L1.Temp -4.192662 7.753347 -0.541 0.589

L1.Prep. horaria 0.560648 0.009272 60.465 0.000

L1.Temp. prom aire -0.002753 0.002335 -1.179 0.238

L2.Conduct -81.820562 41.329671 -1.980 0.048

L2.Water -216.276203 691.201080 -0.313 0.754

L2.Temp 17.245970 31.842778 0.542 0.588

L2.Prep. horaria 0.141718 0.010638 13.322 0.000

L2.Temp. prom aire 0.007761 0.004465 1.738 0.082

L3.Conduct 102.528546 75.028690 1.367 0.172

L3.Water 240.028328 1698.476032 0.141 0.888

L3.Temp -28.382109 58.458296 -0.486 0.627

L3.Prep. horaria 0.007615 0.010712 0.711 0.477

L3.Temp. prom aire -0.005190 0.004798 -1.082 0.279

L4.Conduct -56.811191 82.822726 -0.686 0.493

L4.Water 156.188992 2412.431600 0.065 0.948

L4.Temp 25.263264 66.047902 0.382 0.702

L4.Prep. horaria -0.029751 0.010733 -2.772 0.006

L4.Temp. prom aire 0.002154 0.004802 0.449 0.654

L5.Conduct 17.212454 82.168831 0.209 0.834

L5.Water -381.068368 2065.772650 -0.184 0.854

L5.Temp -12.551598 51.384366 -0.244 0.807

L5.Prep. horaria -0.004310 0.010720 -0.402 0.688

L5.Temp. prom aire -0.004057 0.004801 -0.845 0.398

L6.Conduct -3.939798 87.875938 -0.045 0.964

L6.Water -386.705474 583.800627 -0.662 0.508

L6.Temp -11.072667 38.699163 -0.286 0.775

L6.Prep. horaria 0.008011 0.010718 0.747 0.455

L6.Temp. prom aire 0.004953 0.004801 1.032 0.302

L7.Conduct -25.766765 90.238541 -0.286 0.775

L7.Water 1796.815520 817.814085 2.197 0.028

L7.Temp 48.839596 52.994526 0.922 0.357

L7.Prep. horaria 0.035862 0.010753 3.335 0.001

L7.Temp. prom aire -0.003570 0.004802 -0.744 0.457

L8.Conduct 65.821268 89.539677 0.735 0.462

L8.Water -2833.445857 2218.471198 -1.277 0.202

L8.Temp -78.989847 69.620792 -1.135 0.257

L8.Prep. horaria -0.041205 0.010754 -3.832 0.000

L8.Temp. prom aire 0.003013 0.004804 0.627 0.531

L9.Conduct -53.292318 85.576637 -0.623 0.533

L9.Water 2915.731238 2477.851275 1.177 0.239

L9.Temp 72.119867 67.281085 1.072 0.284

L9.Prep. horaria 0.030409 0.010777 2.822 0.005

L9.Temp. prom aire -0.003597 0.004804 -0.749 0.454

L10.Conduct -12.254395 69.786561 -0.176 0.861

L10.Water -2050.253335 1686.325507 -1.216 0.224

L10.Temp -32.489712 48.983477 -0.663 0.507

L10.Prep. horaria 0.045964 0.010746 4.278 0.000

L10.Temp. prom aire 0.004363 0.004799 0.909 0.363

L11.Conduct 39.740135 36.807377 1.080 0.280

L11.Water 870.955285 663.186028 1.313 0.189

L11.Temp 1.648290 26.015614 0.063 0.949

L11.Prep. horaria -0.007896 0.010649 -0.742 0.458

L11.Temp. prom aire -0.003265 0.004468 -0.731 0.465

L12.Conduct -15.344602 8.511589 -1.803 0.071

L12.Water -164.141093 115.221820 -1.425 0.154

L12.Temp 2.562576 6.658918 0.385 0.700

L12.Prep. horaria 0.024269 0.009319 2.604 0.009

L12.Temp. prom aire 0.001842 0.002338 0.787 0.431

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.268012 0.100292 2.672 0.008

L1.Conduct -0.714458 38.341815 -0.019 0.985

L1.Water 89.852177 494.152360 0.182 0.856

L1.Temp 17.011559 30.796368 0.552 0.581

L1.Prep. horaria 0.056385 0.036830 1.531 0.126

L1.Temp. prom aire 1.630557 0.009273 175.839 0.000

L2.Conduct 0.812183 164.161844 0.005 0.996

L2.Water -199.070129 2745.457206 -0.073 0.942

L2.Temp -107.272793 126.479816 -0.848 0.396

L2.Prep. horaria 0.021135 0.042255 0.500 0.617

L2.Temp. prom aire -0.750054 0.017737 -42.288 0.000

L3.Conduct 5.730812 298.014665 0.019 0.985

L3.Water -305.922787 6746.362814 -0.045 0.964

L3.Temp 249.277614 232.196902 1.074 0.283

L3.Prep. horaria -0.005124 0.042548 -0.120 0.904

L3.Temp. prom aire 0.079022 0.019058 4.146 0.000

L4.Conduct -24.856215 328.972649 -0.076 0.940

L4.Water 1876.892777 9582.201062 0.196 0.845

L4.Temp -222.678009 262.342889 -0.849 0.396

L4.Prep. horaria -0.007593 0.042630 -0.178 0.859

L4.Temp. prom aire -0.039472 0.019073 -2.070 0.038

L5.Conduct 40.143830 326.375371 0.123 0.902

L5.Water -4023.066680 8205.268444 -0.490 0.624

L5.Temp -40.198987 204.099185 -0.197 0.844

L5.Prep. horaria -0.007110 0.042580 -0.167 0.867

L5.Temp. prom aire -0.018740 0.019071 -0.983 0.326

L6.Conduct -23.195135 349.044056 -0.066 0.947

L6.Water 6033.528710 2318.861597 2.602 0.009

L6.Temp 237.300467 153.713442 1.544 0.123

L6.Prep. horaria 0.021415 0.042572 0.503 0.615

L6.Temp. prom aire 0.015436 0.019069 0.810 0.418

L7.Conduct -0.131379 358.428336 -0.000 1.000

L7.Water -7592.599030 3248.365259 -2.337 0.019

L7.Temp -264.160750 210.494757 -1.255 0.209

L7.Prep. horaria 0.018671 0.042712 0.437 0.662

L7.Temp. prom aire -0.039828 0.019072 -2.088 0.037

L8.Conduct -3.890109 355.652442 -0.011 0.991

L8.Water 8164.598416 8811.788518 0.927 0.354

L8.Temp 302.272260 276.534441 1.093 0.274

L8.Prep. horaria 0.032515 0.042713 0.761 0.447

L8.Temp. prom aire 0.017225 0.019082 0.903 0.367

L9.Conduct -1.085188 339.911207 -0.003 0.997

L9.Water -6806.918609 9842.048629 -0.692 0.489

L9.Temp -207.239155 267.241105 -0.775 0.438

L9.Prep. horaria -0.028442 0.042808 -0.664 0.506

L9.Temp. prom aire 0.011837 0.019083 0.620 0.535

L10.Conduct 25.325272 277.192880 0.091 0.927

L10.Water 3822.938669 6698.100816 0.571 0.568

L10.Temp -92.966096 194.562831 -0.478 0.633

L10.Prep. horaria -0.034433 0.042681 -0.807 0.420

L10.Temp. prom aire -0.007711 0.019061 -0.405 0.686

L11.Conduct -25.792703 146.199247 -0.176 0.860

L11.Water -1219.106458 2634.181156 -0.463 0.644

L11.Temp 203.378421 103.334266 1.968 0.049

L11.Prep. horaria 0.000503 0.042297 0.012 0.991

L11.Temp. prom aire -0.054093 0.017749 -3.048 0.002

L12.Conduct 7.656311 33.808113 0.226 0.821

L12.Water 158.876235 457.662154 0.347 0.728

L12.Temp -74.660354 26.449285 -2.823 0.005

L12.Prep. horaria 0.026825 0.037014 0.725 0.469

L12.Temp. prom aire 0.029942 0.009289 3.224 0.001

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.284160 0.375234 0.008573 0.003037

Water 0.284160 1.000000 -0.222591 -0.000559 0.004615

Temp 0.375234 -0.222591 1.000000 0.003079 -0.006623

Prep. horaria 0.008573 -0.000559 0.003079 1.000000 -0.023979

Temp. prom aire 0.003037 0.004615 -0.006623 -0.023979 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -51.4890

Nobs: 11677.0 HQIC: -51.6168

Log likelihood: 219202. FPE: 3.58970e-23

AIC: -51.6814 Det(Omega\_mle): 3.49739e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.001146 0.000333 3.447 0.001

L1.Conduct 2.944635 0.009670 304.515 0.000

L1.Water 7.490104 0.405785 18.458 0.000

L1.Temp -2.303976 0.405766 -5.678 0.000

L1.Prep. horaria -0.000157 0.000111 -1.415 0.157

L1.Temp. prom aire -0.000018 0.000028 -0.631 0.528

L2.Conduct -2.598255 0.030200 -86.034 0.000

L2.Water -28.424832 1.880234 -15.118 0.000

L2.Temp 11.165325 2.196390 5.083 0.000

L2.Prep. horaria 0.000658 0.000128 5.145 0.000

L2.Temp. prom aire -0.000001 0.000054 -0.019 0.985

L3.Conduct 0.316561 0.039659 7.982 0.000

L3.Water 38.275041 3.916305 9.773 0.000

L3.Temp -21.702643 5.317444 -4.081 0.000

L3.Prep. horaria -0.000538 0.000129 -4.174 0.000

L3.Temp. prom aire 0.000027 0.000058 0.466 0.641

L4.Conduct 0.254424 0.039982 6.363 0.000

L4.Water -18.736233 5.139599 -3.645 0.000

L4.Temp 21.058113 7.793516 2.702 0.007

L4.Prep. horaria 0.000018 0.000129 0.143 0.886

L4.Temp. prom aire -0.000017 0.000058 -0.295 0.768

L5.Conduct 0.094211 0.040069 2.351 0.019

L5.Water 0.675518 5.087165 0.133 0.894

L5.Temp -9.640244 8.105291 -1.189 0.234

L5.Prep. horaria 0.000158 0.000129 1.225 0.221

L5.Temp. prom aire 0.000044 0.000058 0.768 0.442

L6.Conduct 0.043079 0.040021 1.076 0.282

L6.Water 0.772851 4.586740 0.168 0.866

L6.Temp -1.719896 7.207445 -0.239 0.811

L6.Prep. horaria 0.000094 0.000129 0.730 0.466

L6.Temp. prom aire -0.000045 0.000058 -0.771 0.441

L7.Conduct 0.017284 0.039961 0.433 0.665

L7.Water -8.123319 4.668088 -1.740 0.082

L7.Temp 9.875438 7.281331 1.356 0.175

L7.Prep. horaria 0.000055 0.000129 0.424 0.672

L7.Temp. prom aire -0.000034 0.000058 -0.595 0.552

L8.Conduct -0.058586 0.039899 -1.468 0.142

L8.Water 13.998250 5.061685 2.766 0.006

L8.Temp -12.596100 8.262963 -1.524 0.127

L8.Prep. horaria 0.000052 0.000129 0.402 0.688

L8.Temp. prom aire 0.000094 0.000058 1.630 0.103

L9.Conduct -0.027449 0.039822 -0.689 0.491

L9.Water -1.439895 4.777299 -0.301 0.763

L9.Temp 6.932275 7.941526 0.873 0.383

L9.Prep. horaria -0.000035 0.000129 -0.271 0.786

L9.Temp. prom aire -0.000037 0.000058 -0.647 0.518

L10.Conduct 0.016200 0.039390 0.411 0.681

L10.Water -10.113338 3.498464 -2.891 0.004

L10.Temp 0.166705 5.405859 0.031 0.975

L10.Prep. horaria -0.000014 0.000129 -0.112 0.911

L10.Temp. prom aire -0.000084 0.000058 -1.448 0.147

L11.Conduct -0.015471 0.029410 -0.526 0.599

L11.Water 7.082521 1.675782 4.226 0.000

L11.Temp -1.776493 2.228506 -0.797 0.425

L11.Prep. horaria -0.000044 0.000128 -0.344 0.731

L11.Temp. prom aire 0.000082 0.000054 1.520 0.128

L12.Conduct 0.013363 0.009289 1.439 0.150

L12.Water -1.456674 0.363528 -4.007 0.000

L12.Temp 0.541473 0.411180 1.317 0.188

L12.Prep. horaria -0.000021 0.000111 -0.190 0.849

L12.Temp. prom aire -0.000017 0.000028 -0.624 0.533

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000036 0.000010 3.684 0.000

L1.Conduct -0.001823 0.000288 -6.337 0.000

L1.Water 4.061493 0.012074 336.376 0.000

L1.Temp -0.026703 0.012074 -2.212 0.027

L1.Prep. horaria 0.000001 0.000003 0.416 0.677

L1.Temp. prom aire 0.000001 0.000001 0.808 0.419

L2.Conduct 0.006068 0.000899 6.753 0.000

L2.Water -6.057117 0.055947 -108.265 0.000

L2.Temp 0.091827 0.065354 1.405 0.160

L2.Prep. horaria -0.000000 0.000004 -0.091 0.928

L2.Temp. prom aire -0.000002 0.000002 -1.161 0.246

L3.Conduct -0.006425 0.001180 -5.445 0.000

L3.Water 3.541605 0.116531 30.392 0.000

L3.Temp -0.098750 0.158222 -0.624 0.533

L3.Prep. horaria 0.000001 0.000004 0.306 0.760

L3.Temp. prom aire 0.000002 0.000002 1.306 0.191

L4.Conduct 0.001301 0.001190 1.094 0.274

L4.Water -0.031000 0.152931 -0.203 0.839

L4.Temp -0.001486 0.231899 -0.006 0.995

L4.Prep. horaria 0.000002 0.000004 0.448 0.654

L4.Temp. prom aire -0.000000 0.000002 -0.195 0.846

L5.Conduct 0.001107 0.001192 0.929 0.353

L5.Water -0.540236 0.151370 -3.569 0.000

L5.Temp 0.110071 0.241176 0.456 0.648

L5.Prep. horaria -0.000002 0.000004 -0.452 0.651

L5.Temp. prom aire -0.000001 0.000002 -0.846 0.398

L6.Conduct 0.000116 0.001191 0.097 0.923

L6.Water -0.005575 0.136480 -0.041 0.967

L6.Temp -0.195999 0.214460 -0.914 0.361

L6.Prep. horaria -0.000008 0.000004 -2.049 0.040

L6.Temp. prom aire 0.000001 0.000002 0.768 0.442

L7.Conduct -0.000061 0.001189 -0.052 0.959

L7.Water -0.093104 0.138901 -0.670 0.503

L7.Temp 0.252714 0.216659 1.166 0.243

L7.Prep. horaria -0.000002 0.000004 -0.608 0.543

L7.Temp. prom aire -0.000001 0.000002 -0.866 0.387

L8.Conduct -0.000288 0.001187 -0.242 0.808

L8.Water 0.164274 0.150612 1.091 0.275

L8.Temp -0.201966 0.245867 -0.821 0.411

L8.Prep. horaria 0.000004 0.000004 1.077 0.281

L8.Temp. prom aire 0.000002 0.000002 1.238 0.216

L9.Conduct -0.000267 0.001185 -0.225 0.822

L9.Water 0.010935 0.142150 0.077 0.939

L9.Temp 0.090991 0.236303 0.385 0.700

L9.Prep. horaria 0.000005 0.000004 1.204 0.229

L9.Temp. prom aire -0.000002 0.000002 -1.198 0.231

L10.Conduct 0.000171 0.001172 0.146 0.884

L10.Water -0.115293 0.104098 -1.108 0.268

L10.Temp -0.028658 0.160853 -0.178 0.859

L10.Prep. horaria 0.000000 0.000004 0.013 0.990

L10.Temp. prom aire 0.000001 0.000002 0.453 0.650

L11.Conduct 0.000249 0.000875 0.284 0.776

L11.Water 0.089369 0.049863 1.792 0.073

L11.Temp 0.010089 0.066310 0.152 0.879

L11.Prep. horaria -0.000005 0.000004 -1.409 0.159

L11.Temp. prom aire 0.000001 0.000002 0.430 0.667

L12.Conduct -0.000147 0.000276 -0.533 0.594

L12.Water -0.025352 0.010817 -2.344 0.019

L12.Temp -0.002129 0.012235 -0.174 0.862

L12.Prep. horaria -0.000008 0.000003 -2.278 0.023

L12.Temp. prom aire -0.000001 0.000001 -0.657 0.511

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000027 0.000011 2.555 0.011

L1.Conduct 0.000368 0.000307 1.197 0.231

L1.Water -0.609466 0.012890 -47.281 0.000

L1.Temp 5.155550 0.012890 399.972 0.000

L1.Prep. horaria -0.000001 0.000004 -0.347 0.728

L1.Temp. prom aire -0.000001 0.000001 -0.926 0.354

L2.Conduct -0.000907 0.000959 -0.946 0.344

L2.Water 2.814578 0.059729 47.123 0.000

L2.Temp -11.290467 0.069772 -161.820 0.000

L2.Prep. horaria 0.000002 0.000004 0.536 0.592

L2.Temp. prom aire 0.000001 0.000002 0.853 0.394

L3.Conduct 0.000492 0.001260 0.391 0.696

L3.Water -5.247959 0.124408 -42.184 0.000

L3.Temp 13.802037 0.168917 81.709 0.000

L3.Prep. horaria 0.000002 0.000004 0.391 0.696

L3.Temp. prom aire -0.000001 0.000002 -0.305 0.760

L4.Conduct 0.000102 0.001270 0.080 0.936

L4.Water 5.039598 0.163267 30.867 0.000

L4.Temp -10.633998 0.247573 -42.953 0.000

L4.Prep. horaria 0.000002 0.000004 0.409 0.683

L4.Temp. prom aire 0.000002 0.000002 1.191 0.234

L5.Conduct 0.000036 0.001273 0.028 0.977

L5.Water -2.749536 0.161602 -17.014 0.000

L5.Temp 5.833142 0.257477 22.655 0.000

L5.Prep. horaria 0.000001 0.000004 0.185 0.854

L5.Temp. prom aire -0.000002 0.000002 -1.307 0.191

L6.Conduct 0.000022 0.001271 0.017 0.986

L6.Water 1.101816 0.145705 7.562 0.000

L6.Temp -2.701833 0.228956 -11.801 0.000

L6.Prep. horaria -0.000002 0.000004 -0.539 0.590

L6.Temp. prom aire 0.000001 0.000002 0.296 0.767

L7.Conduct 0.000021 0.001269 0.017 0.987

L7.Water -0.544305 0.148289 -3.671 0.000

L7.Temp 1.187616 0.231303 5.134 0.000

L7.Prep. horaria -0.000004 0.000004 -0.911 0.363

L7.Temp. prom aire 0.000000 0.000002 0.167 0.868

L8.Conduct -0.000133 0.001267 -0.105 0.916

L8.Water 0.285822 0.160792 1.778 0.075

L8.Temp -0.549297 0.262486 -2.093 0.036

L8.Prep. horaria 0.000000 0.000004 0.117 0.907

L8.Temp. prom aire -0.000002 0.000002 -1.036 0.300

L9.Conduct -0.000130 0.001265 -0.102 0.918

L9.Water -0.157282 0.151758 -1.036 0.300

L9.Temp 0.390801 0.252275 1.549 0.121

L9.Prep. horaria 0.000002 0.000004 0.382 0.702

L9.Temp. prom aire 0.000001 0.000002 0.421 0.673

L10.Conduct -0.000128 0.001251 -0.102 0.919

L10.Water 0.089948 0.111134 0.809 0.418

L10.Temp -0.337280 0.171726 -1.964 0.050

L10.Prep. horaria 0.000001 0.000004 0.333 0.739

L10.Temp. prom aire -0.000001 0.000002 -0.436 0.663

L11.Conduct 0.000456 0.000934 0.488 0.626

L11.Water -0.020815 0.053234 -0.391 0.696

L11.Temp 0.187004 0.070792 2.642 0.008

L11.Prep. horaria -0.000002 0.000004 -0.543 0.587

L11.Temp. prom aire 0.000003 0.000002 1.642 0.101

L12.Conduct -0.000200 0.000295 -0.676 0.499

L12.Water -0.002398 0.011548 -0.208 0.835

L12.Temp -0.043275 0.013062 -3.313 0.001

L12.Prep. horaria -0.000003 0.000004 -0.825 0.410

L12.Temp. prom aire -0.000001 0.000001 -1.646 0.100

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.008518 0.027847 -0.306 0.760

L1.Conduct -0.863683 0.809699 -1.067 0.286

L1.Water -7.750724 33.977972 -0.228 0.820

L1.Temp 15.518504 33.976328 0.457 0.648

L1.Prep. horaria 0.573952 0.009279 61.853 0.000

L1.Temp. prom aire -0.002530 0.002342 -1.080 0.280

L2.Conduct 1.780728 2.528791 0.704 0.481

L2.Water 98.066110 157.439326 0.623 0.533

L2.Temp -87.402515 183.912302 -0.475 0.635

L2.Prep. horaria 0.145215 0.010702 13.569 0.000

L2.Temp. prom aire 0.007597 0.004500 1.688 0.091

L3.Conduct -0.759618 3.320774 -0.229 0.819

L3.Water -250.915411 327.927414 -0.765 0.444

L3.Temp 201.551307 445.250251 0.453 0.651

L3.Prep. horaria 0.007497 0.010792 0.695 0.487

L3.Temp. prom aire -0.005250 0.004836 -1.086 0.278

L4.Conduct -0.398805 3.347838 -0.119 0.905

L4.Water 229.099232 430.358610 0.532 0.594

L4.Temp -244.073583 652.581401 -0.374 0.708

L4.Prep. horaria -0.029072 0.010797 -2.693 0.007

L4.Temp. prom aire 0.002174 0.004839 0.449 0.653

L5.Conduct -0.090278 3.355119 -0.027 0.979

L5.Water -46.363231 425.968098 -0.109 0.913

L5.Temp 162.804752 678.687496 0.240 0.810

L5.Prep. horaria -0.002908 0.010792 -0.269 0.788

L5.Temp. prom aire -0.004041 0.004839 -0.835 0.404

L6.Conduct 0.971787 3.351121 0.290 0.772

L6.Water -26.797918 384.065602 -0.070 0.944

L6.Temp -49.361049 603.507411 -0.082 0.935

L6.Prep. horaria 0.008491 0.010786 0.787 0.431

L6.Temp. prom aire 0.005058 0.004839 1.045 0.296

L7.Conduct -0.007632 3.346114 -0.002 0.998

L7.Water -7.720627 390.877156 -0.020 0.984

L7.Temp -10.649424 609.694131 -0.017 0.986

L7.Prep. horaria 0.034418 0.010788 3.190 0.001

L7.Temp. prom aire -0.003557 0.004839 -0.735 0.462

L8.Conduct -2.168972 3.340926 -0.649 0.516

L8.Water 41.769770 423.834537 0.099 0.921

L8.Temp 9.632966 691.890050 0.014 0.989

L8.Prep. horaria -0.042489 0.010792 -3.937 0.000

L8.Temp. prom aire 0.002972 0.004840 0.614 0.539

L9.Conduct 2.076343 3.334468 0.623 0.533

L9.Water -57.746076 400.021835 -0.144 0.885

L9.Temp 20.179987 664.974883 0.030 0.976

L9.Prep. horaria 0.030114 0.010796 2.789 0.005

L9.Temp. prom aire -0.003486 0.004843 -0.720 0.472

L10.Conduct -0.714805 3.298277 -0.217 0.828

L10.Water 22.106001 292.939955 0.075 0.940

L10.Temp -32.980915 452.653557 -0.073 0.942

L10.Prep. horaria 0.044917 0.010798 4.160 0.000

L10.Temp. prom aire 0.004300 0.004838 0.889 0.374

L11.Conduct 0.392380 2.462654 0.159 0.873

L11.Water 16.767913 140.319711 0.119 0.905

L11.Temp 18.598823 186.601507 0.100 0.921

L11.Prep. horaria -0.013290 0.010720 -1.240 0.215

L11.Temp. prom aire -0.003441 0.004501 -0.764 0.445

L12.Conduct -0.217668 0.777794 -0.280 0.780

L12.Water -10.513118 30.439598 -0.345 0.730

L12.Temp -3.820292 34.429722 -0.111 0.912

L12.Prep. horaria 0.015119 0.009277 1.630 0.103

L12.Temp. prom aire 0.002056 0.002344 0.877 0.380

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.821849 0.110241 7.455 0.000

L1.Conduct -1.971949 3.205411 -0.615 0.538

L1.Water 251.071759 134.510941 1.867 0.062

L1.Temp -79.484216 134.504434 -0.591 0.555

L1.Prep. horaria 0.056093 0.036734 1.527 0.127

L1.Temp. prom aire 1.640371 0.009273 176.901 0.000

L2.Conduct 5.785932 10.010898 0.578 0.563

L2.Water -1294.804996 623.265923 -2.077 0.038

L2.Temp 435.031791 728.066319 0.598 0.550

L2.Prep. horaria 0.018146 0.042366 0.428 0.668

L2.Temp. prom aire -0.756740 0.017816 -42.476 0.000

L3.Conduct -4.710579 13.146175 -0.358 0.720

L3.Water 2782.142506 1298.188879 2.143 0.032

L3.Temp -1152.760873 1762.642890 -0.654 0.513

L3.Prep. horaria -0.006061 0.042722 -0.142 0.887

L3.Temp. prom aire 0.079804 0.019146 4.168 0.000

L4.Conduct -0.323475 13.253315 -0.024 0.981

L4.Water -3322.961229 1703.690324 -1.950 0.051

L4.Temp 2293.291843 2583.419019 0.888 0.375

L4.Prep. horaria -0.009270 0.042742 -0.217 0.828

L4.Temp. prom aire -0.038165 0.019155 -1.992 0.046

L5.Conduct 0.606054 13.282142 0.046 0.964

L5.Water 2771.723835 1686.309299 1.644 0.100

L5.Temp -4070.095334 2686.767017 -1.515 0.130

L5.Prep. horaria -0.007265 0.042725 -0.170 0.865

L5.Temp. prom aire -0.017956 0.019157 -0.937 0.349

L6.Conduct 1.199504 13.266315 0.090 0.928

L6.Water -2174.254962 1520.426998 -1.430 0.153

L6.Temp 5901.141806 2389.146429 2.470 0.014

L6.Prep. horaria 0.022556 0.042698 0.528 0.597

L6.Temp. prom aire 0.014781 0.019156 0.772 0.440

L7.Conduct -0.970671 13.246494 -0.073 0.942

L7.Water 1460.237467 1547.392368 0.944 0.345

L7.Temp -5990.307134 2413.638224 -2.482 0.013

L7.Prep. horaria 0.020833 0.042706 0.488 0.626

L7.Temp. prom aire -0.038298 0.019157 -1.999 0.046

L8.Conduct 2.160724 13.225954 0.163 0.870

L8.Water -366.776504 1677.863023 -0.219 0.827

L8.Temp 3461.530006 2739.032877 1.264 0.206

L8.Prep. horaria 0.031238 0.042723 0.731 0.465

L8.Temp. prom aire 0.017781 0.019162 0.928 0.353

L9.Conduct -4.125640 13.200387 -0.313 0.755

L9.Water -263.895555 1583.594037 -0.167 0.868

L9.Temp -86.110330 2632.481950 -0.033 0.974

L9.Prep. horaria -0.026722 0.042738 -0.625 0.532

L9.Temp. prom aire 0.011889 0.019171 0.620 0.535

L10.Conduct 5.011232 13.057117 0.384 0.701

L10.Water 141.801606 1159.681612 0.122 0.903

L10.Temp -1557.839066 1791.950866 -0.869 0.385

L10.Prep. horaria -0.039484 0.042748 -0.924 0.356

L10.Temp. prom aire -0.006363 0.019152 -0.332 0.740

L11.Conduct -4.077250 9.749079 -0.418 0.676

L11.Water 48.742118 555.493321 0.088 0.930

L11.Temp 1118.055775 738.712259 1.514 0.130

L11.Prep. horaria 0.006735 0.042438 0.159 0.874

L11.Temp. prom aire -0.061007 0.017819 -3.424 0.001

L12.Conduct 1.416587 3.079108 0.460 0.645

L12.Water -33.036864 120.503339 -0.274 0.784

L12.Temp -272.409267 136.299315 -1.999 0.046

L12.Prep. horaria 0.031057 0.036727 0.846 0.398

L12.Temp. prom aire 0.039911 0.009280 4.301 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.278708 0.161732 -0.001908 -0.006781

Water 0.278708 1.000000 0.530538 -0.006220 -0.001878

Temp 0.161732 0.530538 1.000000 -0.003009 -0.008883

Prep. horaria -0.001908 -0.006220 -0.003009 1.000000 -0.023730

Temp. prom aire -0.006781 -0.001878 -0.008883 -0.023730 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -52.4539

Nobs: 11677.0 HQIC: -52.5817

Log likelihood: 224836. FPE: 1.36770e-23

AIC: -52.6463 Det(Omega\_mle): 1.33253e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000069 0.000023 2.960 0.003

L1.Conduct 2.844183 0.009445 301.137 0.000

L1.Water 1.444746 0.033407 43.247 0.000

L1.Temp 0.028074 0.010564 2.657 0.008

L1.Precip. horaria -0.000032 0.000014 -2.282 0.023

L1.Temp. prom aire -0.000001 0.000003 -0.287 0.774

L2.Conduct -2.352776 0.028554 -82.398 0.000

L2.Water -5.875579 0.184802 -31.794 0.000

L2.Temp -0.124601 0.036447 -3.419 0.001

L2.Precip. horaria 0.000093 0.000016 5.844 0.000

L2.Temp. prom aire 0.000002 0.000007 0.343 0.731

L3.Conduct 0.200064 0.036336 5.506 0.000

L3.Water 9.789294 0.470355 20.813 0.000

L3.Temp 0.219552 0.052234 4.203 0.000

L3.Precip. horaria -0.000085 0.000016 -5.296 0.000

L3.Temp. prom aire -0.000001 0.000007 -0.135 0.892

L4.Conduct 0.172551 0.036415 4.738 0.000

L4.Water -9.124175 0.759465 -12.014 0.000

L4.Temp -0.204132 0.054501 -3.745 0.000

L4.Precip. horaria -0.000002 0.000016 -0.126 0.900

L4.Temp. prom aire -0.000003 0.000007 -0.438 0.661

L5.Conduct 0.117884 0.036455 3.234 0.001

L5.Water 6.044758 0.934641 6.467 0.000

L5.Temp 0.124418 0.055779 2.231 0.026

L5.Precip. horaria -0.000000 0.000016 -0.000 1.000

L5.Temp. prom aire 0.000009 0.000007 1.274 0.203

L6.Conduct 0.051417 0.036470 1.410 0.159

L6.Water -3.587567 1.002880 -3.577 0.000

L6.Temp -0.068744 0.056230 -1.223 0.222

L6.Precip. horaria 0.000015 0.000016 0.915 0.360

L6.Temp. prom aire -0.000009 0.000007 -1.246 0.213

L7.Conduct 0.012739 0.036470 0.349 0.727

L7.Water 2.041535 1.004067 2.033 0.042

L7.Temp 0.040623 0.056022 0.725 0.468

L7.Precip. horaria 0.000007 0.000016 0.464 0.643

L7.Temp. prom aire 0.000001 0.000007 0.117 0.907

L8.Conduct -0.003534 0.036450 -0.097 0.923

L8.Water -1.276689 0.937515 -1.362 0.173

L8.Temp -0.027402 0.055054 -0.498 0.619

L8.Precip. horaria 0.000009 0.000016 0.553 0.580

L8.Temp. prom aire 0.000006 0.000007 0.852 0.394

L9.Conduct -0.006908 0.036408 -0.190 0.850

L9.Water 0.951507 0.762312 1.248 0.212

L9.Temp 0.022302 0.053235 0.419 0.675

L9.Precip. horaria -0.000013 0.000016 -0.784 0.433

L9.Temp. prom aire 0.000001 0.000007 0.101 0.920

L10.Conduct -0.008531 0.036353 -0.235 0.814

L10.Water -0.687173 0.471983 -1.456 0.145

L10.Temp -0.016939 0.051189 -0.331 0.741

L10.Precip. horaria 0.000004 0.000016 0.259 0.796

L10.Temp. prom aire -0.000012 0.000007 -1.612 0.107

L11.Conduct -0.089636 0.028512 -3.144 0.002

L11.Water 0.387245 0.185428 2.088 0.037

L11.Temp 0.009232 0.036011 0.256 0.798

L11.Precip. horaria 0.000005 0.000016 0.343 0.732

L11.Temp. prom aire 0.000007 0.000007 1.073 0.283

L12.Conduct 0.062533 0.009372 6.673 0.000

L12.Water -0.107898 0.033554 -3.216 0.001

L12.Temp -0.002386 0.010477 -0.228 0.820

L12.Precip. horaria -0.000005 0.000014 -0.357 0.721

L12.Temp. prom aire 0.000000 0.000003 0.060 0.952

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000021 0.000007 3.054 0.002

L1.Conduct 0.004835 0.002728 1.772 0.076

L1.Water 5.457962 0.009649 565.645 0.000

L1.Temp 0.051183 0.003051 16.774 0.000

L1.Precip. horaria -0.000012 0.000004 -2.901 0.004

L1.Temp. prom aire -0.000000 0.000001 -0.376 0.707

L2.Conduct -0.009944 0.008247 -1.206 0.228

L2.Water -12.891126 0.053377 -241.512 0.000

L2.Temp -0.217400 0.010527 -20.652 0.000

L2.Precip. horaria 0.000021 0.000005 4.528 0.000

L2.Temp. prom aire 0.000002 0.000002 1.019 0.308

L3.Conduct 0.006929 0.010495 0.660 0.509

L3.Water 17.455093 0.135854 128.484 0.000

L3.Temp 0.371782 0.015087 24.643 0.000

L3.Precip. horaria -0.000023 0.000005 -5.057 0.000

L3.Temp. prom aire -0.000001 0.000002 -0.708 0.479

L4.Conduct -0.003825 0.010518 -0.364 0.716

L4.Water -15.469789 0.219359 -70.523 0.000

L4.Temp -0.339015 0.015742 -21.536 0.000

L4.Precip. horaria 0.000011 0.000005 2.352 0.019

L4.Temp. prom aire -0.000000 0.000002 -0.023 0.981

L5.Conduct 0.002354 0.010530 0.224 0.823

L5.Water 10.118719 0.269956 37.483 0.000

L5.Temp 0.200575 0.016111 12.450 0.000

L5.Precip. horaria -0.000015 0.000005 -3.324 0.001

L5.Temp. prom aire 0.000000 0.000002 0.051 0.960

L6.Conduct 0.000091 0.010534 0.009 0.993

L6.Water -5.406299 0.289665 -18.664 0.000

L6.Temp -0.097495 0.016241 -6.003 0.000

L6.Precip. horaria 0.000003 0.000005 0.726 0.468

L6.Temp. prom aire -0.000001 0.000002 -0.542 0.588

L7.Conduct 0.001986 0.010534 0.189 0.850

L7.Water 2.296860 0.290008 7.920 0.000

L7.Temp 0.039939 0.016181 2.468 0.014

L7.Precip. horaria -0.000000 0.000005 -0.047 0.962

L7.Temp. prom aire 0.000003 0.000002 1.290 0.197

L8.Conduct -0.002964 0.010528 -0.281 0.778

L8.Water -0.836429 0.270786 -3.089 0.002

L8.Temp -0.018341 0.015901 -1.153 0.249

L8.Precip. horaria 0.000005 0.000005 1.129 0.259

L8.Temp. prom aire -0.000002 0.000002 -0.914 0.361

L9.Conduct -0.003750 0.010516 -0.357 0.721

L9.Water 0.675909 0.220181 3.070 0.002

L9.Temp 0.016612 0.015376 1.080 0.280

L9.Precip. horaria -0.000016 0.000005 -3.428 0.001

L9.Temp. prom aire 0.000001 0.000002 0.556 0.578

L10.Conduct 0.000060 0.010500 0.006 0.995

L10.Water -0.701288 0.136324 -5.144 0.000

L10.Temp -0.011622 0.014785 -0.786 0.432

L10.Precip. horaria -0.000000 0.000005 -0.088 0.930

L10.Temp. prom aire -0.000001 0.000002 -0.370 0.711

L11.Conduct 0.010801 0.008235 1.312 0.190

L11.Water 0.378683 0.053558 7.071 0.000

L11.Temp 0.005128 0.010401 0.493 0.622

L11.Precip. horaria 0.000017 0.000005 3.580 0.000

L11.Temp. prom aire -0.000000 0.000002 -0.125 0.900

L12.Conduct -0.006575 0.002707 -2.429 0.015

L12.Water -0.078294 0.009692 -8.079 0.000

L12.Temp -0.001346 0.003026 -0.445 0.656

L12.Precip. horaria -0.000017 0.000004 -4.125 0.000

L12.Temp. prom. aire 0.000001 0.000001 0.634 0.526

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000019 0.000021 0.925 0.355

L1.Conduct 0.081552 0.008340 9.779 0.000

L1.Water 0.040660 0.029498 1.378 0.168

L1.Temp 3.275765 0.009328 351.168 0.000

L1.Precip. horaria 0.000000 0.000012 0.021 0.984

L1.Temp. prom aire 0.000004 0.000003 1.313 0.189

L2.Conduct -0.220118 0.025213 -8.731 0.000

L2.Water -0.310237 0.163177 -1.901 0.057

L2.Temp -3.380397 0.032182 -105.040 0.000

L2.Precip. horaria 0.000001 0.000014 0.058 0.953

L2.Temp. prom aire -0.000011 0.000006 -1.829 0.067

L3.Conduct 0.136889 0.032085 4.267 0.000

L3.Water 0.838440 0.415317 2.019 0.044

L3.Temp 0.718123 0.046122 15.570 0.000

L3.Precip. horaria -0.000007 0.000014 -0.499 0.618

L3.Temp. prom aire 0.000006 0.000006 0.878 0.380

L4.Conduct 0.047419 0.032154 1.475 0.140

L4.Water -1.104276 0.670598 -1.647 0.100

L4.Temp 0.331067 0.048123 6.880 0.000

L4.Precip. horaria 0.000009 0.000014 0.628 0.530

L4.Temp. prom aire 0.000005 0.000006 0.808 0.419

L5.Conduct -0.009181 0.032190 -0.285 0.775

L5.Water 0.831081 0.825276 1.007 0.314

L5.Temp 0.168658 0.049252 3.424 0.001

L5.Precip. horaria 0.000007 0.000014 0.473 0.636

L5.Temp. prom aire -0.000003 0.000006 -0.398 0.690

L6.Conduct -0.028263 0.032202 -0.878 0.380

L6.Water -0.472391 0.885530 -0.533 0.594

L6.Temp 0.020569 0.049650 0.414 0.679

L6.Precip. horaria 0.000005 0.000014 0.337 0.736

L6.Temp. prom aire 0.000007 0.000006 1.100 0.272

L7.Conduct -0.021253 0.032202 -0.660 0.509

L7.Water 0.265660 0.886578 0.300 0.764

L7.Temp -0.033589 0.049467 -0.679 0.497

L7.Precip. horaria -0.000000 0.000014 -0.022 0.983

L7.Temp. prom aire -0.000010 0.000006 -1.504 0.133

L8.Conduct -0.005890 0.032185 -0.183 0.855

L8.Water -0.127226 0.827814 -0.154 0.878

L8.Temp -0.063004 0.048612 -1.296 0.195

L8.Precip. horaria -0.000002 0.000014 -0.111 0.912

L8.Temp. prom aire 0.000005 0.000006 0.804 0.421

L9.Conduct 0.007696 0.032148 0.239 0.811

L9.Water 0.097022 0.673112 0.144 0.885

L9.Temp -0.080219 0.047006 -1.707 0.088

L9.Precip. horaria -0.000003 0.000014 -0.187 0.852

L9.Temp. prom aire -0.000007 0.000006 -1.137 0.255

L10.Conduct 0.012294 0.032099 0.383 0.702

L10.Water -0.094470 0.416755 -0.227 0.821

L10.Temp -0.113367 0.045200 -2.508 0.012

L10.Precip. horaria -0.000000 0.000014 -0.016 0.987

L10.Temp. prom aire -0.000001 0.000006 -0.104 0.917

L11.Conduct 0.009186 0.025176 0.365 0.715

L11.Water 0.038359 0.163731 0.234 0.815

L11.Temp 0.239661 0.031797 7.537 0.000

L11.Precip. horaria -0.000002 0.000014 -0.109 0.913

L11.Temp. prom aire 0.000005 0.000006 0.782 0.434

L12.Conduct -0.010333 0.008275 -1.249 0.212

L12.Water -0.002620 0.029628 -0.088 0.930

L12.Temp -0.083267 0.009251 -9.000 0.000

L12.Precip. horaria -0.000003 0.000012 -0.263 0.793

L12.Temp. prom aire -0.000000 0.000003 -0.127 0.899

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.055863 0.015647 -3.570 0.000

L1.Conduct -4.820539 6.312543 -0.764 0.445

L1.Water 75.732430 22.328050 3.392 0.001

L1.Temp 4.427626 7.060805 0.627 0.531

L1.Precip. horaria 0.563385 0.009277 60.729 0.000

L1.Temp. prom aire -0.002532 0.002334 -1.085 0.278

L2.Conduct 8.731127 19.084156 0.458 0.647

L2.Water -412.810147 123.514196 -3.342 0.001

L2.Temp -17.697086 24.359703 -0.726 0.468

L2.Precip. horaria 0.143119 0.010659 13.428 0.000

L2.Temp. prom aire 0.007559 0.004471 1.691 0.091

L3.Conduct -2.938814 24.285822 -0.121 0.904

L3.Water 966.030633 314.366805 3.073 0.002

L3.Temp 27.863532 34.910931 0.798 0.425

L3.Precip. horaria 0.004065 0.010752 0.378 0.705

L3.Temp. prom aire -0.005369 0.004804 -1.117 0.264

L4.Conduct -1.238694 24.338458 -0.051 0.959

L4.Water -1257.834384 507.597389 -2.478 0.013

L4.Temp -25.289620 36.426184 -0.694 0.488

L4.Precip. horaria -0.028134 0.010772 -2.612 0.009

L4.Temp. prom aire 0.002333 0.004808 0.485 0.627

L5.Conduct -1.217400 24.365345 -0.050 0.960

L5.Water 1027.580698 624.678276 1.645 0.100

L5.Temp 19.129746 37.280481 0.513 0.608

L5.Precip. horaria -0.003361 0.010771 -0.312 0.755

L5.Temp. prom aire -0.004016 0.004809 -0.835 0.404

L6.Conduct 6.265349 24.375074 0.257 0.797

L6.Water -698.333742 670.286016 -1.042 0.297

L6.Temp -15.831149 37.582037 -0.421 0.674

L6.Precip. horaria 0.009303 0.010770 0.864 0.388

L6.Temp. prom aire 0.004894 0.004808 1.018 0.309

L7.Conduct -0.104809 24.375060 -0.004 0.997

L7.Water 759.701529 671.079809 1.132 0.258

L7.Temp 20.622566 37.442919 0.551 0.582

L7.Precip. horaria 0.032509 0.010771 3.018 0.003

L7.Temp. prom aire -0.003498 0.004809 -0.727 0.467

L8.Conduct -15.512036 24.361781 -0.637 0.524

L8.Water -1135.482797 626.599043 -1.812 0.070

L8.Temp -31.573691 36.795832 -0.858 0.391

L8.Precip. horaria -0.040322 0.010758 -3.748 0.000

L8.Temp. prom aire 0.003003 0.004810 0.624 0.532

L9.Conduct 14.591792 24.334023 0.600 0.549

L9.Water 1318.502524 509.499973 2.588 0.010

L9.Temp 30.929599 35.580362 0.869 0.385

L9.Precip. horaria 0.028523 0.010740 2.656 0.008

L9.Temp. prom aire -0.003619 0.004809 -0.753 0.452

L10.Conduct -6.483755 24.296709 -0.267 0.790

L10.Water -986.183379 315.455125 -3.126 0.002

L10.Temp -16.398314 34.212995 -0.479 0.632

L10.Precip. horaria 0.047649 0.010745 4.434 0.000

L10.Temp. prom aire 0.004279 0.004805 0.890 0.373

L11.Conduct 4.621092 19.056491 0.242 0.808

L11.Water 421.118062 123.933010 3.398 0.001

L11.Temp 4.014116 24.068400 0.167 0.868

L11.Precip. horaria -0.010744 0.010670 -1.007 0.314

L11.Temp. prom aire -0.002940 0.004474 -0.657 0.511

L12.Conduct -1.893361 6.263692 -0.302 0.762

L12.Water -78.017512 22.426193 -3.479 0.001

L12.Temp -0.196682 7.002742 -0.028 0.978

L12.Precip. horaria 0.021902 0.009284 2.359 0.018

L12.Temp. prom aire 0.001598 0.002337 0.684 0.494

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.565283 0.062148 9.096 0.000

L1.Conduct -1.322394 25.072611 -0.053 0.958

L1.Water 89.025817 88.684149 1.004 0.315

L1.Temp 32.199141 28.044611 1.148 0.251

L1.Precip. horaria 0.056577 0.036847 1.535 0.125

L1.Temp. prom aire 1.633600 0.009270 176.228 0.000

L2.Conduct 7.231949 75.799819 0.095 0.924

L2.Water -365.393477 490.582532 -0.745 0.456

L2.Temp -153.553230 96.753612 -1.587 0.113

L2.Precip. horaria 0.023623 0.042335 0.558 0.577

L2.Temp. prom aire -0.751660 0.017759 -42.327 0.000

L3.Conduct -14.493441 96.460166 -0.150 0.881

L3.Water 479.280834 1248.624596 0.384 0.701

L3.Temp 319.935714 138.661738 2.307 0.021

L3.Precip. horaria -0.004754 0.042707 -0.111 0.911

L3.Temp. prom aire 0.078982 0.019083 4.139 0.000

L4.Conduct 10.017298 96.669232 0.104 0.917

L4.Water 130.602288 2016.111670 0.065 0.948

L4.Temp -317.298603 144.680127 -2.193 0.028

L4.Precip. horaria -0.007176 0.042783 -0.168 0.867

L4.Temp. prom aire -0.039191 0.019098 -2.052 0.040

L5.Conduct 3.172591 96.776021 0.033 0.974

L5.Water -1199.935723 2481.141928 -0.484 0.629

L5.Temp 62.400544 148.073285 0.421 0.673

L5.Precip. horaria -0.000903 0.042782 -0.021 0.983

L5.Temp. prom aire -0.018198 0.019100 -0.953 0.341

L6.Conduct 0.371085 96.814664 0.004 0.997

L6.Water 1732.293379 2662.290014 0.651 0.515

L6.Temp 153.801289 149.271026 1.030 0.303

L6.Precip. horaria 0.023610 0.042779 0.552 0.581

L6.Temp. prom aire 0.015451 0.019098 0.809 0.418

L7.Conduct -10.824668 96.814608 -0.112 0.911

L7.Water -1261.685374 2665.442857 -0.473 0.636

L7.Temp -156.398933 148.718468 -1.052 0.293

L7.Precip. horaria 0.023266 0.042780 0.544 0.587

L7.Temp. prom aire -0.039472 0.019101 -2.066 0.039

L8.Conduct 14.603094 96.761869 0.151 0.880

L8.Water 315.280604 2488.770965 0.127 0.899

L8.Temp 160.343562 146.148323 1.097 0.273

L8.Precip. horaria 0.033225 0.042728 0.778 0.437

L8.Temp. prom aire 0.017516 0.019106 0.917 0.359

L9.Conduct -32.154421 96.651615 -0.333 0.739

L9.Water 316.439274 2023.668492 0.156 0.876

L9.Temp -107.490183 141.320632 -0.761 0.447

L9.Precip. horaria -0.025377 0.042658 -0.595 0.552

L9.Temp. prom aire 0.011797 0.019100 0.618 0.537

L10.Conduct 36.351367 96.503411 0.377 0.706

L10.Water -374.132923 1252.947265 -0.299 0.765

L10.Temp -159.496605 135.889625 -1.174 0.241

L10.Precip. horaria -0.035887 0.042679 -0.841 0.400

L10.Temp. prom aire -0.007463 0.019085 -0.391 0.696

L11.Conduct -11.650943 75.689937 -0.154 0.878

L11.Water 168.144101 492.246008 0.342 0.733

L11.Temp 266.858555 95.596595 2.792 0.005

L11.Precip. horaria 0.007849 0.042379 0.185 0.853

L11.Temp. prom aire -0.056395 0.017771 -3.173 0.002

L12.Conduct -1.294911 24.878581 -0.052 0.958

L12.Water -29.925008 89.073958 -0.336 0.737

L12.Temp -101.244215 27.813991 -3.640 0.000

L12.Precip. horaria 0.029339 0.036875 0.796 0.426

L12.Temp. prom aire 0.033546 0.009284 3.613 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.190996 -0.079116 0.004929 0.004469

Water 0.190996 1.000000 -0.114858 0.027167 0.001297

Temp -0.079116 -0.114858 1.000000 0.002202 -0.003258

Precip. horaria 0.004929 0.027167 0.002202 1.000000 -0.024081

Temp. prom aire 0.004469 0.001297 -0.003258 -0.024081 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.8617

Nobs: 11677.0 HQIC: -53.9894

Log likelihood: 233055. FPE: 3.34676e-24

AIC: -54.0541 Det(Omega\_mle): 3.26069e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000316 0.000079 3.999 0.000

L1.Conduct 2.842826 0.009172 309.948 0.000

L1.Water 13.217999 0.424000 31.174 0.000

L1.Temp 0.085470 0.021410 3.992 0.000

L1.Prep. horaria -0.000066 0.000032 -2.025 0.043

L1.Temp. prom aire 0.000002 0.000008 0.223 0.823

L2.Conduct -2.487487 0.027651 -89.959 0.000

L2.Water -66.553460 2.248660 -29.597 0.000

L2.Temp -0.157994 0.072203 -2.188 0.029

L2.Prep. horaria 0.000185 0.000037 4.948 0.000

L2.Temp. prom aire -0.000003 0.000016 -0.167 0.867

L3.Conduct 0.397931 0.036134 11.013 0.000

L3.Water 142.845265 4.963536 28.779 0.000

L3.Temp -0.084567 0.099708 -0.848 0.396

L3.Prep. horaria -0.000152 0.000038 -4.031 0.000

L3.Temp. prom aire 0.000001 0.000017 0.088 0.930

L4.Conduct 0.300079 0.036055 8.323 0.000

L4.Water -163.908848 5.651467 -29.003 0.000

L4.Temp 0.433183 0.102711 4.218 0.000

L4.Prep. horaria 0.000034 0.000038 0.895 0.371

L4.Temp. prom aire -0.000003 0.000017 -0.155 0.877

L5.Conduct -0.145410 0.035157 -4.136 0.000

L5.Water 80.922648 4.750896 17.033 0.000

L5.Temp -0.582010 0.103509 -5.623 0.000

L5.Prep. horaria 0.000032 0.000038 0.844 0.399

L5.Temp. prom aire 0.000015 0.000017 0.872 0.383

L6.Conduct 0.142977 0.035207 4.061 0.000

L6.Water 69.815645 7.326627 9.529 0.000

L6.Temp 0.473190 0.101797 4.648 0.000

L6.Prep. horaria 0.000035 0.000038 0.931 0.352

L6.Temp. prom aire -0.000019 0.000017 -1.115 0.265

L7.Conduct -0.004589 0.035387 -0.130 0.897

L7.Water -200.309804 7.580736 -26.424 0.000

L7.Temp 0.020107 0.104259 0.193 0.847

L7.Prep. horaria -0.000000 0.000038 -0.009 0.993

L7.Temp. prom aire 0.000001 0.000017 0.070 0.944

L8.Conduct -0.053524 0.034738 -1.541 0.123

L8.Water 230.969056 4.941381 46.742 0.000

L8.Temp -0.479099 0.102164 -4.690 0.000

L8.Prep. horaria -0.000010 0.000038 -0.275 0.784

L8.Temp. prom aire 0.000019 0.000017 1.098 0.272

L9.Conduct 0.006230 0.034661 0.180 0.857

L9.Water -160.922441 5.259274 -30.598 0.000

L9.Temp 0.441217 0.100720 4.381 0.000

L9.Prep. horaria -0.000011 0.000038 -0.299 0.765

L9.Temp. prom aire -0.000003 0.000017 -0.190 0.849

L10.Conduct 0.001037 0.034366 0.030 0.976

L10.Water 68.579601 4.658115 14.723 0.000

L10.Temp -0.196027 0.100122 -1.958 0.050

L10.Prep. horaria 0.000002 0.000038 0.048 0.962

L10.Temp. prom aire -0.000022 0.000017 -1.305 0.192

L11.Conduct -0.004694 0.026398 -0.178 0.859

L11.Water -16.267846 2.130147 -7.637 0.000

L11.Temp 0.054273 0.071951 0.754 0.451

L11.Prep. horaria 0.000016 0.000037 0.437 0.662

L11.Temp. prom aire 0.000012 0.000016 0.768 0.442

L12.Conduct 0.004620 0.008686 0.532 0.595

L12.Water 1.612184 0.402049 4.010 0.000

L12.Temp -0.007754 0.021271 -0.365 0.715

L12.Prep. horaria 0.000019 0.000032 0.582 0.561

L12.Temp. prom aire 0.000002 0.000008 0.296 0.767

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000002 0.000002 1.293 0.196

L1.Conduct 0.001555 0.000200 7.761 0.000

L1.Water 5.757072 0.009264 621.452 0.000

L1.Temp -0.000006 0.000468 -0.013 0.990

L1.Prep. horaria 0.000004 0.000001 5.231 0.000

L1.Temp. prom aire 0.000000 0.000000 0.844 0.399

L2.Conduct -0.003485 0.000604 -5.768 0.000

L2.Water -14.661731 0.049131 -298.424 0.000

L2.Temp 0.005863 0.001578 3.717 0.000

L2.Prep. horaria -0.000001 0.000001 -0.760 0.447

L2.Temp. prom aire -0.000000 0.000000 -0.167 0.868

L3.Conduct 0.002566 0.000789 3.251 0.001

L3.Water 22.019266 0.108447 203.041 0.000

L3.Temp -0.023179 0.002178 -10.640 0.000

L3.Prep. horaria -0.000001 0.000001 -1.790 0.073

L3.Temp. prom aire -0.000000 0.000000 -0.670 0.503

L4.Conduct -0.001622 0.000788 -2.059 0.040

L4.Water -22.319563 0.123478 -180.758 0.000

L4.Temp 0.035282 0.002244 15.722 0.000

L4.Prep. horaria -0.000001 0.000001 -1.447 0.148

L4.Temp. prom aire 0.000000 0.000000 0.617 0.537

L5.Conduct 0.001613 0.000768 2.099 0.036

L5.Water 17.230028 0.103801 165.990 0.000

L5.Temp -0.029634 0.002262 -13.103 0.000

L5.Prep. horaria -0.000000 0.000001 -0.040 0.968

L5.Temp. prom aire 0.000000 0.000000 0.601 0.548

L6.Conduct -0.000384 0.000769 -0.499 0.618

L6.Water -11.680176 0.160078 -72.965 0.000

L6.Temp 0.023063 0.002224 10.369 0.000

L6.Prep. horaria 0.000001 0.000001 1.236 0.216

L6.Temp. prom aire -0.000001 0.000000 -1.903 0.057

L7.Conduct -0.000260 0.000773 -0.336 0.737

L7.Water 7.649086 0.165630 46.182 0.000

L7.Temp -0.019923 0.002278 -8.746 0.000

L7.Prep. horaria -0.000001 0.000001 -1.741 0.082

L7.Temp. prom aire 0.000001 0.000000 1.986 0.047

L8.Conduct 0.000105 0.000759 0.138 0.890

L8.Water -4.691784 0.107963 -43.457 0.000

L8.Temp 0.012478 0.002232 5.590 0.000

L8.Prep. horaria -0.000001 0.000001 -1.352 0.176

L8.Temp. prom aire -0.000000 0.000000 -1.049 0.294

L9.Conduct -0.000344 0.000757 -0.454 0.650

L9.Water 2.512456 0.114909 21.865 0.000

L9.Temp -0.007019 0.002201 -3.189 0.001

L9.Prep. horaria 0.000000 0.000001 0.371 0.711

L9.Temp. prom aire 0.000000 0.000000 0.732 0.464

L10.Conduct -0.000077 0.000751 -0.103 0.918

L10.Water -1.118503 0.101774 -10.990 0.000

L10.Temp 0.004732 0.002188 2.163 0.031

L10.Prep. horaria 0.000000 0.000001 0.391 0.696

L10.Temp. prom aire -0.000000 0.000000 -0.808 0.419

L11.Conduct 0.000714 0.000577 1.239 0.215

L11.Water 0.364702 0.046541 7.836 0.000

L11.Temp -0.001864 0.001572 -1.186 0.236

L11.Prep. horaria 0.000000 0.000001 0.003 0.998

L11.Temp. prom aire 0.000000 0.000000 0.433 0.665

L12.Conduct -0.000381 0.000190 -2.009 0.045

L12.Water -0.060854 0.008784 -6.928 0.000

L12.Temp 0.000207 0.000465 0.446 0.655

L12.Prep. horaria -0.000001 0.000001 -1.371 0.170

L12.Temp. prom aire 0.000000 0.000000 0.125 0.900

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000005 0.000034 0.150 0.881

L1.Conduct -0.017230 0.004004 -4.303 0.000

L1.Water 2.276929 0.185112 12.300 0.000

L1.Temp 3.237423 0.009347 346.357 0.000

L1.Prep. horaria 0.000000 0.000014 0.007 0.994

L1.Temp. prom aire 0.000004 0.000004 1.130 0.258

L2.Conduct 0.044258 0.012072 3.666 0.000

L2.Water -11.923547 0.981731 -12.145 0.000

L2.Temp -3.266008 0.031523 -103.609 0.000

L2.Prep. horaria -0.000009 0.000016 -0.530 0.596

L2.Temp. prom aire -0.000011 0.000007 -1.656 0.098

L3.Conduct -0.027935 0.015776 -1.771 0.077

L3.Water 26.930344 2.167005 12.427 0.000

L3.Temp 0.607455 0.043531 13.955 0.000

L3.Prep. horaria 0.000004 0.000016 0.272 0.786

L3.Temp. prom aire 0.000007 0.000007 1.012 0.312

L4.Conduct -0.009063 0.015741 -0.576 0.565

L4.Water -35.048826 2.467346 -14.205 0.000

L4.Temp 0.386756 0.044842 8.625 0.000

L4.Prep. horaria 0.000007 0.000016 0.395 0.693

L4.Temp. prom aire 0.000006 0.000007 0.832 0.406

L5.Conduct 0.008399 0.015349 0.547 0.584

L5.Water 30.938681 2.074170 14.916 0.000

L5.Temp 0.109361 0.045190 2.420 0.016

L5.Prep. horaria 0.000010 0.000016 0.609 0.543

L5.Temp. prom aire -0.000004 0.000007 -0.568 0.570

L6.Conduct -0.002143 0.015371 -0.139 0.889

L6.Water -22.850977 3.198696 -7.144 0.000

L6.Temp 0.069224 0.044443 1.558 0.119

L6.Prep. horaria 0.000007 0.000016 0.420 0.675

L6.Temp. prom aire 0.000007 0.000007 0.941 0.347

L7.Conduct 0.007873 0.015449 0.510 0.610

L7.Water 18.009925 3.309636 5.442 0.000

L7.Temp -0.056372 0.045518 -1.238 0.216

L7.Prep. horaria -0.000001 0.000016 -0.082 0.935

L7.Temp. prom aire -0.000012 0.000007 -1.627 0.104

L8.Conduct -0.000011 0.015166 -0.001 0.999

L8.Water -15.463480 2.157333 -7.168 0.000

L8.Temp -0.031466 0.044603 -0.705 0.481

L8.Prep. horaria -0.000000 0.000016 -0.011 0.991

L8.Temp. prom aire 0.000005 0.000007 0.673 0.501

L9.Conduct -0.004620 0.015132 -0.305 0.760

L9.Water 11.961473 2.296120 5.209 0.000

L9.Temp -0.111528 0.043973 -2.536 0.011

L9.Prep. horaria -0.000001 0.000016 -0.041 0.967

L9.Temp. prom aire -0.000007 0.000007 -0.915 0.360

L10.Conduct 0.000888 0.015004 0.059 0.953

L10.Water -6.923584 2.033663 -3.404 0.001

L10.Temp -0.077478 0.043712 -1.772 0.076

L10.Prep. horaria -0.000002 0.000016 -0.122 0.903

L10.Temp. prom aire 0.000001 0.000007 0.095 0.924

L11.Conduct -0.002568 0.011525 -0.223 0.824

L11.Water 2.509715 0.929990 2.699 0.007

L11.Temp 0.201191 0.031413 6.405 0.000

L11.Prep. horaria -0.000001 0.000016 -0.044 0.965

L11.Temp. prom aire 0.000006 0.000007 0.852 0.394

L12.Conduct 0.002154 0.003792 0.568 0.570

L12.Water -0.416654 0.175529 -2.374 0.018

L12.Temp -0.068558 0.009287 -7.382 0.000

L12.Prep. horaria 0.000004 0.000014 0.274 0.784

L12.Temp. prom aire -0.000001 0.000004 -0.327 0.744

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.038031 0.022614 -1.682 0.093

L1.Conduct -4.161634 2.628500 -1.583 0.113

L1.Water 105.853744 121.510071 0.871 0.384

L1.Temp 1.670993 6.135545 0.272 0.785

L1.Prep. horaria 0.576690 0.009277 62.166 0.000

L1.Temp. prom aire -0.002569 0.002354 -1.091 0.275

L2.Conduct 10.723881 7.924309 1.353 0.176

L2.Water -495.424526 644.421244 -0.769 0.442

L2.Temp -3.622938 20.691819 -0.175 0.861

L2.Prep. horaria 0.146036 0.010725 13.616 0.000

L2.Temp. prom aire 0.007661 0.004504 1.701 0.089

L3.Conduct -8.847317 10.355312 -0.854 0.393

L3.Water 850.761864 1422.450423 0.598 0.550

L3.Temp -0.803076 28.574190 -0.028 0.978

L3.Prep. horaria 0.008678 0.010808 0.803 0.422

L3.Temp. prom aire -0.005233 0.004839 -1.081 0.280

L4.Conduct 0.577676 10.332600 0.056 0.955

L4.Water -502.677723 1619.597881 -0.310 0.756

L4.Temp 5.145747 29.434815 0.175 0.861

L4.Prep. horaria -0.027792 0.010820 -2.569 0.010

L4.Temp. prom aire 0.002053 0.004843 0.424 0.672

L5.Conduct 3.204316 10.075268 0.318 0.750

L5.Water -1.617038 1361.512135 -0.001 0.999

L5.Temp 1.960713 29.663547 0.066 0.947

L5.Prep. horaria -0.001145 0.010811 -0.106 0.916

L5.Temp. prom aire -0.004004 0.004844 -0.827 0.408

L6.Conduct -1.726980 10.089764 -0.171 0.864

L6.Water -942.290783 2099.665357 -0.449 0.654

L6.Temp -10.166249 29.173080 -0.348 0.727

L6.Prep. horaria 0.009153 0.010806 0.847 0.397

L6.Temp. prom aire 0.005001 0.004843 1.033 0.302

L7.Conduct 3.436976 10.141245 0.339 0.735

L7.Water 3482.035314 2172.487882 1.603 0.109

L7.Temp 5.649795 29.878429 0.189 0.850

L7.Prep. horaria 0.034967 0.010803 3.237 0.001

L7.Temp. prom aire -0.003561 0.004846 -0.735 0.462

L8.Conduct -7.365266 9.955144 -0.740 0.459

L8.Water -5824.854587 1416.101313 -4.113 0.000

L8.Temp 6.810738 29.278135 0.233 0.816

L8.Prep. horaria -0.042284 0.010808 -3.912 0.000

L8.Temp. prom aire 0.003096 0.004846 0.639 0.523

L9.Conduct 5.031765 9.933109 0.507 0.612

L9.Water 6171.854137 1507.203053 4.095 0.000

L9.Temp -14.874785 28.864436 -0.515 0.606

L9.Prep. horaria 0.030380 0.010812 2.810 0.005

L9.Temp. prom aire -0.003647 0.004845 -0.753 0.452

L10.Conduct -0.365225 9.848576 -0.037 0.970

L10.Water -4282.448988 1334.922809 -3.208 0.001

L10.Temp 13.821130 28.692993 0.482 0.630

L10.Prep. horaria 0.045865 0.010815 4.241 0.000

L10.Temp. prom aire 0.004336 0.004841 0.896 0.370

L11.Conduct -0.798746 7.565221 -0.106 0.916

L11.Water 1759.068003 610.457573 2.882 0.004

L11.Temp -7.378769 20.619656 -0.358 0.720

L11.Prep. horaria -0.012040 0.010736 -1.121 0.262

L11.Temp. prom aire -0.003136 0.004508 -0.696 0.487

L12.Conduct 0.290209 2.489155 0.117 0.907

L12.Water -320.256945 115.219300 -2.780 0.005

L12.Temp 1.786404 6.095884 0.293 0.769

L12.Prep. horaria 0.016800 0.009280 1.810 0.070

L12.Temp. prom aire 0.001750 0.002358 0.742 0.458

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.556700 0.089064 6.251 0.000

L1.Conduct -1.210095 10.351989 -0.117 0.907

L1.Water 169.369966 478.550885 0.354 0.723

L1.Temp 10.094530 24.164010 0.418 0.676

L1.Prep. horaria 0.054797 0.036535 1.500 0.134

L1.Temp. prom aire 1.631070 0.009271 175.931 0.000

L2.Conduct 8.498812 31.208813 0.272 0.785

L2.Water -562.282650 2537.965398 -0.222 0.825

L2.Temp -87.964714 81.491916 -1.079 0.280

L2.Prep. horaria 0.019537 0.042240 0.463 0.644

L2.Temp. prom aire -0.749868 0.017739 -42.272 0.000

L3.Conduct -10.071980 40.782989 -0.247 0.805

L3.Water 451.028428 5602.127471 0.081 0.936

L3.Temp 249.296412 112.535562 2.215 0.027

L3.Prep. horaria -0.005802 0.042566 -0.136 0.892

L3.Temp. prom aire 0.078751 0.019058 4.132 0.000

L4.Conduct 0.475412 40.693540 0.012 0.991

L4.Water 103.358377 6378.565913 0.016 0.987

L4.Temp -287.406180 115.925013 -2.479 0.013

L4.Prep. horaria -0.007490 0.042614 -0.176 0.860

L4.Temp. prom aire -0.039674 0.019074 -2.080 0.038

L5.Conduct -1.005133 39.680072 -0.025 0.980

L5.Water 359.519073 5362.130312 0.067 0.947

L5.Temp 75.266820 116.825845 0.644 0.519

L5.Prep. horaria -0.005094 0.042576 -0.120 0.905

L5.Temp. prom aire -0.018516 0.019078 -0.971 0.332

L6.Conduct 3.023522 39.737162 0.076 0.939

L6.Water -1078.677995 8269.246354 -0.130 0.896

L6.Temp 106.845131 114.894207 0.930 0.352

L6.Prep. horaria 0.024140 0.042559 0.567 0.571

L6.Temp. prom aire 0.015540 0.019075 0.815 0.415

L7.Conduct 1.788979 39.939915 0.045 0.964

L7.Water 507.398348 8556.047960 0.059 0.953

L7.Temp -101.539717 117.672129 -0.863 0.388

L7.Prep. horaria 0.021266 0.042544 0.500 0.617

L7.Temp. prom aire -0.039588 0.019084 -2.074 0.038

L8.Conduct 4.001543 39.206982 0.102 0.919

L8.Water -822.004054 5577.122363 -0.147 0.883

L8.Temp 119.259522 115.307952 1.034 0.301

L8.Prep. horaria 0.030001 0.042565 0.705 0.481

L8.Temp. prom aire 0.017079 0.019084 0.895 0.371

L9.Conduct -13.142925 39.120198 -0.336 0.737

L9.Water 3083.144623 5935.914172 0.519 0.603

L9.Temp -83.985668 113.678655 -0.739 0.460

L9.Prep. horaria -0.027910 0.042580 -0.655 0.512

L9.Temp. prom aire 0.012037 0.019080 0.631 0.528

L10.Conduct 16.045420 38.787275 0.414 0.679

L10.Water -3912.511021 5257.411869 -0.744 0.457

L10.Temp -135.930776 113.003450 -1.203 0.229

L10.Prep. horaria -0.037059 0.042593 -0.870 0.384

L10.Temp. prom aire -0.007750 0.019066 -0.406 0.684

L11.Conduct -13.523337 29.794592 -0.454 0.650

L11.Water 2156.376165 2404.204100 0.897 0.370

L11.Temp 213.955839 81.207709 2.635 0.008

L11.Prep. horaria 0.006743 0.042282 0.159 0.873

L11.Temp. prom aire -0.055062 0.017753 -3.101 0.002

L12.Conduct 5.123996 9.803198 0.523 0.601

L12.Water -454.725108 453.775537 -1.002 0.316

L12.Temp -77.833394 24.007810 -3.242 0.001

L12.Prep. horaria 0.025715 0.036548 0.704 0.482

L12.Temp. prom aire 0.031282 0.009287 3.368 0.001

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 -0.048776 0.072778 -0.005446 0.001264

Water -0.048776 1.000000 -0.140792 0.004081 0.001015

Temp 0.072778 -0.140792 1.000000 -0.000929 -0.008462

Prep. horaria -0.005446 0.004081 -0.000929 1.000000 -0.024196

Temp. prom aire 0.001264 0.001015 -0.008462 -0.024196 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -55.3179

Nobs: 11677.0 HQIC: -55.4456

Log likelihood: 241557. FPE: 7.80197e-25

AIC: -55.5103 Det(Omega\_mle): 7.60134e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000159 0.000048 3.335 0.001

L1.Conduct 3.214055 0.009136 351.806 0.000

L1.Water 10.267139 0.014163 724.924 0.000

L1.Temp 0.022276 0.011247 1.981 0.048

L1.Prep. horaria -0.000033 0.000017 -1.883 0.060

L1.Temp. prom aire -0.000002 0.000004 -0.539 0.590

L2.Conduct -3.371868 0.030576 -110.278 0.000

L2.Water -50.624386 NAN NAN NAN

L2.Temp -0.017499 0.037759 -0.463 0.643

L2.Prep. horaria 0.000104 0.000020 5.197 0.000

L2.Temp. prom aire 0.000003 0.000008 0.387 0.699

L3.Conduct 0.893248 0.042775 20.882 0.000

L3.Water 108.326650 NAN NAN NAN

L3.Temp -0.118794 0.052164 -2.277 0.023

L3.Prep. horaria -0.000089 0.000020 -4.435 0.000

L3.Temp. prom aire -0.000001 0.000009 -0.122 0.903

L4.Conduct 0.355395 0.042940 8.276 0.000

L4.Water -132.705585 NAN NAN NAN

L4.Temp 0.248578 0.052546 4.731 0.000

L4.Prep. horaria 0.000038 0.000020 1.910 0.056

L4.Temp. prom aire -0.000003 0.000009 -0.384 0.701

L5.Conduct -0.036116 0.043609 -0.828 0.408

L5.Water 101.092680 NAN NAN NAN

L5.Temp -0.216657 0.052657 -4.115 0.000

L5.Prep. horaria 0.000031 0.000020 1.539 0.124

L5.Temp. prom aire 0.000008 0.000009 0.930 0.352

L6.Conduct 0.009285 0.043894 0.212 0.832

L6.Water -42.274076 NAN NAN NAN

L6.Temp 0.130883 0.052596 2.488 0.013

L6.Prep. horaria 0.000025 0.000020 1.244 0.213

L6.Temp. prom aire -0.000009 0.000009 -1.017 0.309

L7.Conduct -0.044664 0.043844 -1.019 0.308

L7.Water -5.982663 NAN NAN NAN

L7.Temp -0.041350 0.052524 -0.787 0.431

L7.Prep. horaria 0.000014 0.000020 0.687 0.492

L7.Temp. prom aire -0.000001 0.000009 -0.163 0.870

L8.Conduct -0.026700 0.043835 -0.609 0.542

L8.Water 26.429481 NAN NAN NAN

L8.Temp -0.035766 0.052910 -0.676 0.499

L8.Prep. horaria 0.000001 0.000020 0.071 0.944

L8.Temp. prom aire 0.000013 0.000009 1.408 0.159

L9.Conduct 0.006810 0.043486 0.157 0.876

L9.Water -22.934376 NAN NAN NAN

L9.Temp 0.041197 0.052504 0.785 0.433

L9.Prep. horaria 0.000010 0.000020 0.509 0.610

L9.Temp. prom aire -0.000002 0.000009 -0.210 0.834

L10.Conduct -0.015844 0.042752 -0.371 0.711

L10.Water 10.826740 NAN NAN NAN

L10.Temp -0.030549 0.052253 -0.585 0.559

L10.Prep. horaria 0.000010 0.000020 0.492 0.623

L10.Temp. prom aire -0.000016 0.000009 -1.750 0.080

L11.Conduct 0.017997 0.029626 0.607 0.544

L11.Water -2.644641 NAN NAN NAN

L11.Temp 0.029180 0.037912 0.770 0.442

L11.Prep. horaria 0.000022 0.000020 1.114 0.265

L11.Temp. prom aire 0.000012 0.000008 1.476 0.140

L12.Conduct -0.001599 0.008522 -0.188 0.851

L12.Water 0.223034 NAN NAN NAN

L12.Temp -0.011503 0.011295 -1.018 0.308

L12.Prep. horaria 0.000045 0.000017 2.591 0.010

L12.Temp. prom aire -0.000003 0.000004 -0.791 0.429

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000007 0.000002 4.200 0.000

L1.Conduct 0.001322 0.000336 3.932 0.000

L1.Water 5.769363 0.000521 11069.758 0.000

L1.Temp -0.002920 0.000414 -7.054 0.000

L1.Prep. horaria 0.000002 0.000001 2.848 0.004

L1.Temp. prom aire -0.000000 0.000000 -0.233 0.816

L2.Conduct -0.004180 0.001125 -3.715 0.000

L2.Water -14.701629 NAN NAN NAN

L2.Temp 0.015234 0.001389 10.964 0.000

L2.Prep. horaria 0.000001 0.000001 0.927 0.354

L2.Temp. prom aire 0.000000 0.000000 0.699 0.485

L3.Conduct 0.004887 0.001574 3.105 0.002

L3.Water 22.067894 NAN NAN NAN

L3.Temp -0.032510 0.001920 -16.936 0.000

L3.Prep. horaria -0.000003 0.000001 -3.720 0.000

L3.Temp. prom aire -0.000000 0.000000 -0.480 0.631

L4.Conduct -0.002874 0.001580 -1.819 0.069

L4.Water -22.283470 NAN NAN NAN

L4.Temp 0.036858 0.001934 19.062 0.000

L4.Prep. horaria 0.000001 0.000001 1.515 0.130

L4.Temp. prom aire -0.000000 0.000000 -0.108 0.914

L5.Conduct 0.001442 0.001605 0.898 0.369

L5.Water 16.879433 NAN NAN NAN

L5.Temp -0.027787 0.001938 -14.340 0.000

L5.Prep. horaria -0.000002 0.000001 -3.207 0.001

L5.Temp. prom aire 0.000000 0.000000 0.052 0.958

L6.Conduct -0.001284 0.001615 -0.795 0.427

L6.Water -10.851864 NAN NAN NAN

L6.Temp 0.020619 0.001935 10.653 0.000

L6.Prep. horaria 0.000000 0.000001 0.620 0.535

L6.Temp. prom aire 0.000000 0.000000 0.137 0.891

L7.Conduct 0.001359 0.001613 0.842 0.400

L7.Water 6.665342 NAN NAN NAN

L7.Temp -0.015021 0.001933 -7.772 0.000

L7.Prep. horaria 0.000001 0.000001 1.121 0.262

L7.Temp. prom aire 0.000000 0.000000 0.343 0.732

L8.Conduct -0.000473 0.001613 -0.293 0.769

L8.Water -4.139335 NAN NAN NAN

L8.Temp 0.008626 0.001947 4.430 0.000

L8.Prep. horaria -0.000000 0.000001 -0.095 0.925

L8.Temp. prom aire -0.000000 0.000000 -0.607 0.544

L9.Conduct -0.000328 0.001600 -0.205 0.838

L9.Water 2.523256 NAN NAN NAN

L9.Temp -0.006090 0.001932 -3.152 0.002

L9.Prep. horaria 0.000001 0.000001 1.223 0.221

L9.Temp. prom aire 0.000000 0.000000 0.779 0.436

L10.Conduct -0.000815 0.001573 -0.518 0.604

L10.Water -1.329994 NAN NAN NAN

L10.Temp 0.004096 0.001923 2.130 0.033

L10.Prep. horaria -0.000001 0.000001 -1.903 0.057

L10.Temp. prom aire -0.000000 0.000000 -0.222 0.825

L11.Conduct 0.001580 0.001090 1.450 0.147

L11.Water 0.485958 NAN NAN NAN

L11.Temp -0.001051 0.001395 -0.753 0.451

L11.Prep. horaria -0.000001 0.000001 -0.957 0.339

L11.Temp. prom aire -0.000000 0.000000 -1.094 0.274

L12.Conduct -0.000636 0.000314 -2.029 0.042

L12.Water -0.084954 NAN NAN NAN

L12.Temp -0.000057 0.000416 -0.136 0.892

L12.Prep. horaria -0.000001 0.000001 -1.561 0.119

L12.Temp. prom aire 0.000000 0.000000 1.858 0.063

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000007 0.000039 -0.190 0.849

L1.Conduct -0.029302 0.007516 -3.898 0.000

L1.Water 1.779805 0.011652 152.745 0.000

L1.Temp 3.210773 0.009253 346.996 0.000

L1.Prep. horaria -0.000001 0.000014 -0.063 0.950

L1.Temp. prom aire 0.000005 0.000004 1.308 0.191

L2.Conduct 0.085675 0.025155 3.406 0.001

L2.Water -9.215461 NAN NAN NAN

L2.Temp -3.190494 0.031065 -102.704 0.000

L2.Prep. horaria -0.000005 0.000016 -0.284 0.776

L2.Temp. prom aire -0.000012 0.000007 -1.677 0.094

L3.Conduct -0.066176 0.035192 -1.880 0.060

L3.Water 20.515488 NAN NAN NAN

L3.Temp 0.557088 0.042916 12.981 0.000

L3.Prep. horaria 0.000004 0.000017 0.216 0.829

L3.Temp. prom aire 0.000006 0.000007 0.872 0.383

L4.Conduct -0.010285 0.035328 -0.291 0.771

L4.Water -26.233792 NAN NAN NAN

L4.Temp 0.367074 0.043230 8.491 0.000

L4.Prep. horaria 0.000008 0.000017 0.480 0.631

L4.Temp. prom aire 0.000006 0.000007 0.791 0.429

L5.Conduct 0.012842 0.035878 0.358 0.720

L5.Water 22.493656 NAN NAN NAN

L5.Temp 0.122659 0.043321 2.831 0.005

L5.Prep. horaria 0.000007 0.000017 0.405 0.686

L5.Temp. prom aire -0.000004 0.000007 -0.516 0.606

L6.Conduct 0.004365 0.036112 0.121 0.904

L6.Water -15.412971 NAN NAN NAN

L6.Temp 0.073075 0.043272 1.689 0.091

L6.Prep. horaria 0.000010 0.000017 0.616 0.538

L6.Temp. prom aire 0.000008 0.000007 1.141 0.254

L7.Conduct 0.017757 0.036071 0.492 0.623

L7.Water 10.701752 NAN NAN NAN

L7.Temp -0.042655 0.043212 -0.987 0.324

L7.Prep. horaria 0.000002 0.000017 0.118 0.906

L7.Temp. prom aire -0.000012 0.000007 -1.682 0.093

L8.Conduct -0.011165 0.036064 -0.310 0.757

L8.Water -8.976326 NAN NAN NAN

L8.Temp -0.041609 0.043530 -0.956 0.339

L8.Prep. horaria -0.000003 0.000017 -0.159 0.874

L8.Temp. prom aire 0.000006 0.000007 0.793 0.428

L9.Conduct -0.006650 0.035777 -0.186 0.853

L9.Water 8.043221 NAN NAN NAN

L9.Temp -0.099910 0.043196 -2.313 0.021

L9.Prep. horaria -0.000005 0.000017 -0.276 0.783

L9.Temp. prom aire -0.000007 0.000007 -0.971 0.331

L10.Conduct -0.000013 0.035173 -0.000 1.000

L10.Water -5.656245 NAN NAN NAN

L10.Temp -0.094588 0.042989 -2.200 0.028

L10.Prep. horaria -0.000004 0.000017 -0.216 0.829

L10.Temp. prom aire -0.000000 0.000007 -0.031 0.976

L11.Conduct 0.003123 0.024374 0.128 0.898

L11.Water 2.409586 NAN NAN NAN

L11.Temp 0.204997 0.031191 6.572 0.000

L11.Prep. horaria 0.000002 0.000016 0.134 0.893

L11.Temp. prom aire 0.000004 0.000007 0.582 0.560

L12.Conduct -0.000170 0.007011 -0.024 0.981

L12.Water -0.448714 NAN NAN NAN

L12.Temp -0.066411 0.009293 -7.147 0.000

L12.Prep. horaria 0.000007 0.000014 0.524 0.600

L12.Temp. prom aire 0.000001 0.000004 0.234 0.815

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.024031 0.025462 -0.944 0.345

L1.Conduct -4.873376 4.893249 -0.996 0.319

L1.Water -161.571024 7.585851 -21.299 0.000

L1.Temp 0.954816 6.023972 0.159 0.874

L1.Prep. horaria 0.570850 0.009274 61.556 0.000

L1.Temp. prom aire -0.002274 0.002346 -0.969 0.333

L2.Conduct 11.241605 16.376743 0.686 0.492

L2.Water 788.783127 NAN NAN NAN

L2.Temp -3.785113 20.224176 -0.187 0.852

L2.Prep. horaria 0.143982 0.010687 13.473 0.000

L2.Temp. prom aire 0.007377 0.004490 1.643 0.100

L3.Conduct -6.740914 22.910662 -0.294 0.769

L3.Water -1413.466066 NAN NAN NAN

L3.Temp 5.881675 27.939407 0.211 0.833

L3.Prep. horaria 0.006760 0.010770 0.628 0.530

L3.Temp. prom aire -0.005165 0.004824 -1.071 0.284

L4.Conduct -4.970815 22.999202 -0.216 0.829

L4.Water 725.281202 NAN NAN NAN

L4.Temp -4.902551 28.144094 -0.174 0.862

L4.Prep. horaria -0.029591 0.010779 -2.745 0.006

L4.Temp. prom aire 0.002141 0.004828 0.443 0.657

L5.Conduct 8.441454 23.357500 0.361 0.718

L5.Water 1659.700644 NAN NAN NAN

L5.Temp 2.176265 28.203383 0.077 0.938

L5.Prep. horaria -0.004095 0.010774 -0.380 0.704

L5.Temp. prom aire -0.004040 0.004828 -0.837 0.403

L6.Conduct -2.334516 23.510114 -0.099 0.921

L6.Water -4684.014609 NAN NAN NAN

L6.Temp 0.581943 28.171116 0.021 0.984

L6.Prep. horaria 0.009037 0.010770 0.839 0.401

L6.Temp. prom aire 0.005077 0.004828 1.052 0.293

L7.Conduct 5.452114 23.483309 0.232 0.816

L7.Water 7137.669423 NAN NAN NAN

L7.Temp -5.878758 28.132100 -0.209 0.834

L7.Prep. horaria 0.033741 0.010768 3.133 0.002

L7.Temp. prom aire -0.003595 0.004829 -0.745 0.457

L8.Conduct -16.628522 23.478469 -0.708 0.479

L8.Water -8145.425683 NAN NAN NAN

L8.Temp 15.120641 28.339162 0.534 0.594

L8.Prep. horaria -0.041910 0.010770 -3.891 0.000

L8.Temp. prom aire 0.003095 0.004830 0.641 0.522

L9.Conduct 13.453906 23.291663 0.578 0.564

L9.Water 7094.095716 NAN NAN NAN

L9.Temp -18.020675 28.121720 -0.641 0.522

L9.Prep. horaria 0.029315 0.010774 2.721 0.007

L9.Temp. prom aire -0.003595 0.004828 -0.745 0.456

L10.Conduct -0.446895 22.898463 -0.020 0.984

L10.Water -4382.415566 NAN NAN NAN

L10.Temp 10.483701 27.986889 0.375 0.708

L10.Prep. horaria 0.045807 0.010777 4.251 0.000

L10.Temp. prom aire 0.004355 0.004824 0.903 0.367

L11.Conduct -4.319507 15.868112 -0.272 0.785

L11.Water 1672.795249 NAN NAN NAN

L11.Temp -3.147936 20.306212 -0.155 0.877

L11.Prep. horaria -0.011746 0.010697 -1.098 0.272

L11.Temp. prom aire -0.003299 0.004493 -0.734 0.463

L12.Conduct 1.724387 4.564477 0.378 0.706

L12.Water -291.429290 NAN NAN NAN

L12.Temp 0.535065 6.049759 0.088 0.930

L12.Prep. horaria 0.017199 0.009266 1.856 0.063

L12.Temp. prom aire 0.002010 0.002350 0.855 0.392

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.406762 0.100594 4.044 0.000

L1.Conduct -19.409928 19.332210 -1.004 0.315

L1.Water 545.013518 29.970120 18.185 0.000

L1.Temp 17.582596 23.799462 0.739 0.460

L1.Prep. horaria 0.061379 0.036638 1.675 0.094

L1.Temp. prom aire 1.631121 0.009270 175.948 0.000

L2.Conduct 61.067746 64.701110 0.944 0.345

L2.Water -2077.488972 NAN NAN NAN

L2.Temp -101.265546 79.901517 -1.267 0.205

L2.Prep. horaria 0.019259 0.042222 0.456 0.648

L2.Temp. prom aire -0.750035 0.017739 -42.283 0.000

L3.Conduct -61.330334 90.515268 -0.678 0.498

L3.Water 2083.024214 NAN NAN NAN

L3.Temp 243.085679 110.382794 2.202 0.028

L3.Prep. horaria -0.003293 0.042552 -0.077 0.938

L3.Temp. prom aire 0.078776 0.019058 4.133 0.000

L4.Conduct 18.391831 90.865069 0.202 0.840

L4.Water 2451.742459 NAN NAN NAN

L4.Temp -269.295608 111.191470 -2.422 0.015

L4.Prep. horaria -0.006233 0.042587 -0.146 0.884

L4.Temp. prom aire -0.039477 0.019073 -2.070 0.038

L5.Conduct -1.118541 92.280629 -0.012 0.990

L5.Water -8356.129840 NAN NAN NAN

L5.Temp 86.665364 111.425709 0.778 0.437

L5.Prep. horaria -0.003371 0.042565 -0.079 0.937

L5.Temp. prom aire -0.018648 0.019076 -0.978 0.328

L6.Conduct -3.611608 92.883578 -0.039 0.969

L6.Water 9224.241844 NAN NAN NAN

L6.Temp 73.196806 111.298228 0.658 0.511

L6.Prep. horaria 0.024776 0.042548 0.582 0.560

L6.Temp. prom aire 0.015678 0.019073 0.822 0.411

L7.Conduct 9.102988 92.777674 0.098 0.922

L7.Water -3953.005983 NAN NAN NAN

L7.Temp -84.475780 111.144082 -0.760 0.447

L7.Prep. horaria 0.023237 0.042542 0.546 0.585

L7.Temp. prom aire -0.039829 0.019077 -2.088 0.037

L8.Conduct 14.248421 92.758552 0.154 0.878

L8.Water -2852.707165 NAN NAN NAN

L8.Temp 127.450915 111.962144 1.138 0.255

L8.Prep. horaria 0.032426 0.042551 0.762 0.446

L8.Temp. prom aire 0.017119 0.019081 0.897 0.370

L9.Conduct -39.179675 92.020523 -0.426 0.670

L9.Water 6195.542476 NAN NAN NAN

L9.Temp -100.625595 111.103076 -0.906 0.365

L9.Prep. horaria -0.027500 0.042564 -0.646 0.518

L9.Temp. prom aire 0.012182 0.019075 0.639 0.523

L10.Conduct 32.112564 90.467071 0.355 0.723

L10.Water -4942.454844 NAN NAN NAN

L10.Temp -133.007943 110.570385 -1.203 0.229

L10.Prep. horaria -0.038077 0.042576 -0.894 0.371

L10.Temp. prom aire -0.007857 0.019060 -0.412 0.680

L11.Conduct -11.825085 62.691612 -0.189 0.850

L11.Water 2040.951007 NAN NAN NAN

L11.Temp 223.789180 80.225625 2.789 0.005

L11.Prep. horaria 0.004969 0.042261 0.118 0.906

L11.Temp. prom aire -0.054753 0.017751 -3.085 0.002

L12.Conduct 1.555840 18.033301 0.086 0.931

L12.Water -358.731792 NAN NAN NAN

L12.Temp -83.040983 23.901343 -3.474 0.001

L12.Prep. horaria 0.029631 0.036609 0.809 0.418

L12.Temp. prom aire 0.030871 0.009286 3.324 0.001

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 -0.028030 0.074632 0.004131 -0.007299

Water -0.028030 1.000000 -0.090947 0.032321 0.004788

Temp 0.074632 -0.090947 1.000000 0.002126 -0.006633

Prep. horaria 0.004131 0.032321 0.002126 1.000000 -0.022535

Temp. prom aire -0.007299 0.004788 -0.006633 -0.022535 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -51.6508

Nobs: 11677.0 HQIC: -51.7786

Log likelihood: 220147. FPE: 3.05344e-23

AIC: -51.8432 Det(Omega\_mle): 2.97492e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000585 0.000139 4.219 0.000

L1.Conduct 3.007175 0.009545 315.061 0.000

L1.Water 10.029184 0.180759 55.484 0.000

L1.Temp -0.075762 0.045248 -1.674 0.094

L1.Prep. horaria -0.000054 0.000048 -1.124 0.261

L1.Temp. prom aire -0.000001 0.000012 -0.078 0.938

L2.Conduct -2.805551 0.030215 -92.853 0.000

L2.Water -40.351670 0.789495 -51.111 0.000

L2.Temp 0.374988 0.154181 2.432 0.015

L2.Prep. horaria 0.000275 0.000056 4.926 0.000

L2.Temp. prom aire -0.000000 0.000023 -0.017 0.986

L3.Conduct 0.517665 0.040311 12.842 0.000

L3.Water 64.080867 1.392444 46.020 0.000

L3.Temp -0.553337 0.216334 -2.558 0.011

L3.Prep. horaria -0.000274 0.000056 -4.863 0.000

L3.Temp. prom aire 0.000000 0.000025 0.003 0.997

L4.Conduct 0.251935 0.040616 6.203 0.000

L4.Water -52.538882 0.989727 -53.084 0.000

L4.Temp 0.173913 0.219239 0.793 0.428

L4.Prep. horaria -0.000034 0.000056 -0.612 0.540

L4.Temp. prom aire -0.000002 0.000025 -0.074 0.941

L5.Conduct 0.060117 0.040684 1.478 0.139

L5.Water 27.504101 NAN NAN NAN

L5.Temp 0.065361 0.220031 0.297 0.766

L5.Prep. horaria 0.000022 0.000056 0.399 0.690

L5.Temp. prom aire 0.000020 0.000025 0.805 0.421

L6.Conduct -0.003583 0.040687 -0.088 0.930

L6.Water -13.523270 NAN NAN NAN

L6.Temp 0.141316 0.220062 0.642 0.521

L6.Prep. horaria 0.000019 0.000056 0.344 0.731

L6.Temp. prom aire -0.000020 0.000025 -0.804 0.421

L7.Conduct -0.006030 0.040683 -0.148 0.882

L7.Water 7.009671 NAN NAN NAN

L7.Temp -0.069182 0.219926 -0.315 0.753

L7.Prep. horaria 0.000034 0.000056 0.602 0.547

L7.Temp. prom aire -0.000006 0.000025 -0.225 0.822

L8.Conduct -0.007856 0.040669 -0.193 0.847

L8.Water -3.858493 NAN NAN NAN

L8.Temp -0.049726 0.219421 -0.227 0.821

L8.Prep. horaria 0.000054 0.000056 0.952 0.341

L8.Temp. prom aire 0.000034 0.000025 1.345 0.179

L9.Conduct 0.000382 0.040541 0.009 0.992

L9.Water 3.291780 1.142445 2.881 0.004

L9.Temp -0.045175 0.218640 -0.207 0.836

L9.Prep. horaria 0.000031 0.000056 0.551 0.582

L9.Temp. prom aire -0.000008 0.000025 -0.303 0.762

L10.Conduct 0.001477 0.040176 0.037 0.971

L10.Water -2.963433 1.438246 -2.060 0.039

L10.Temp -0.028175 0.216550 -0.130 0.896

L10.Prep. horaria 0.000037 0.000056 0.650 0.516

L10.Temp. prom aire -0.000050 0.000025 -2.002 0.045

L11.Conduct -0.041591 0.029599 -1.405 0.160

L11.Water 1.831434 0.788095 2.324 0.020

L11.Temp 0.101385 0.154587 0.656 0.512

L11.Prep. horaria 0.000009 0.000056 0.160 0.873

L11.Temp. prom aire 0.000036 0.000023 1.517 0.129

L12.Conduct 0.025858 0.009126 2.834 0.005

L12.Water -0.511297 0.174170 -2.936 0.003

L12.Temp -0.035624 0.045414 -0.784 0.433

L12.Prep. horaria 0.000058 0.000048 1.207 0.227

L12.Temp. prom aire 0.000001 0.000012 0.114 0.909

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Results for equation Water

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.000013 0.000006 2.147 0.032

L1.Conduct 0.002185 0.000410 5.332 0.000

L1.Water 4.867132 0.007761 627.159 0.000

L1.Temp -0.015321 0.001943 -7.887 0.000

L1.Prep. horaria 0.000007 0.000002 3.392 0.001

L1.Temp. prom aire -0.000000 0.000001 -0.585 0.559

L2.Conduct -0.005902 0.001297 -4.550 0.000

L2.Water -9.966362 0.033896 -294.030 0.000

L2.Temp 0.049568 0.006620 7.488 0.000

L2.Prep. horaria 0.000000 0.000002 0.125 0.901

L2.Temp. prom aire 0.000001 0.000001 0.521 0.603

L3.Conduct 0.004216 0.001731 2.436 0.015

L3.Water 11.318950 0.059782 189.336 0.000

L3.Temp -0.054690 0.009288 -5.888 0.000

L3.Prep. horaria -0.000003 0.000002 -1.395 0.163

L3.Temp. prom aire -0.000000 0.000001 -0.459 0.646

L4.Conduct 0.000700 0.001744 0.401 0.688

L4.Water -8.181668 0.042492 -192.545 0.000

L4.Temp 0.022335 0.009413 2.373 0.018

L4.Prep. horaria -0.000003 0.000002 -1.203 0.229

L4.Temp. prom aire 0.000001 0.000001 0.849 0.396

L5.Conduct -0.000861 0.001747 -0.493 0.622

L5.Water 4.439270 NAN NAN NAN

L5.Temp -0.009638 0.009447 -1.020 0.308

L5.Prep. horaria -0.000000 0.000002 -0.203 0.839

L5.Temp. prom aire -0.000001 0.000001 -1.015 0.310

L6.Conduct -0.000568 0.001747 -0.325 0.745

L6.Water -2.211523 NAN NAN NAN

L6.Temp 0.015459 0.009448 1.636 0.102

L6.Prep. horaria -0.000001 0.000002 -0.337 0.736

L6.Temp. prom aire 0.000000 0.000001 0.313 0.754

L7.Conduct 0.000056 0.001747 0.032 0.975

L7.Water 1.085465 NAN NAN NAN

L7.Temp -0.005992 0.009442 -0.635 0.526

L7.Prep. horaria -0.000000 0.000002 -0.027 0.979

L7.Temp. prom aire 0.000000 0.000001 0.420 0.675

L8.Conduct -0.000316 0.001746 -0.181 0.856

L8.Water -0.584774 NAN NAN NAN

L8.Temp -0.001476 0.009420 -0.157 0.876

L8.Prep. horaria -0.000000 0.000002 -0.139 0.890

L8.Temp. prom aire 0.000000 0.000001 0.086 0.931

L9.Conduct 0.000484 0.001741 0.278 0.781

L9.Water 0.456639 0.049049 9.310 0.000

L9.Temp -0.002825 0.009387 -0.301 0.763

L9.Prep. horaria 0.000000 0.000002 0.158 0.875

L9.Temp. prom aire 0.000000 0.000001 0.348 0.728

L10.Conduct 0.000883 0.001725 0.512 0.609

L10.Water -0.380194 0.061749 -6.157 0.000

L10.Temp 0.001841 0.009297 0.198 0.843

L10.Prep. horaria -0.000001 0.000002 -0.391 0.695

L10.Temp. prom aire -0.000002 0.000001 -1.935 0.053

L11.Conduct -0.001346 0.001271 -1.059 0.289

L11.Water 0.204162 0.033836 6.034 0.000

L11.Temp 0.001662 0.006637 0.250 0.802

L11.Prep. horaria -0.000003 0.000002 -1.283 0.199

L11.Temp. prom aire 0.000001 0.000001 1.414 0.157

L12.Conduct 0.000471 0.000392 1.201 0.230

L12.Water -0.047097 0.007478 -6.298 0.000

L12.Temp -0.000923 0.001950 -0.473 0.636

L12.Prep. horaria -0.000004 0.000002 -1.950 0.051

L12.Temp. prom aire -0.000000 0.000001 -0.070 0.944

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000009 0.000028 -0.318 0.751

L1.Conduct -0.008737 0.001960 -4.458 0.000

L1.Water 0.621020 0.037115 16.733 0.000

L1.Temp 3.254310 0.009291 350.279 0.000

L1.Prep. horaria -0.000001 0.000010 -0.133 0.894

L1.Temp. prom aire 0.000003 0.000003 1.054 0.292

L2.Conduct 0.022646 0.006204 3.650 0.000

L2.Water -2.687946 0.162104 -16.582 0.000

L2.Temp -3.329072 0.031657 -105.160 0.000

L2.Prep. horaria -0.000006 0.000011 -0.541 0.588

L2.Temp. prom aire -0.000008 0.000005 -1.743 0.081

L3.Conduct -0.013858 0.008277 -1.674 0.094

L3.Water 4.597902 0.285905 16.082 0.000

L3.Temp 0.683332 0.044419 15.384 0.000

L3.Prep. horaria 0.000001 0.000012 0.104 0.917

L3.Temp. prom aire 0.000005 0.000005 0.920 0.358

L4.Conduct -0.003805 0.008340 -0.456 0.648

L4.Water -4.005805 0.203217 -19.712 0.000

L4.Temp 0.357602 0.045015 7.944 0.000

L4.Prep. horaria 0.000003 0.000012 0.226 0.822

L4.Temp. prom aire 0.000005 0.000005 0.879 0.380

L5.Conduct 0.000694 0.008353 0.083 0.934

L5.Water 2.156819 NAN NAN NAN

L5.Temp 0.129141 0.045178 2.858 0.004

L5.Prep. horaria 0.000005 0.000012 0.461 0.645

L5.Temp. prom aire -0.000003 0.000005 -0.592 0.554

L6.Conduct 0.002046 0.008354 0.245 0.807

L6.Water -1.110063 NAN NAN NAN

L6.Temp 0.028710 0.045184 0.635 0.525

L6.Prep. horaria 0.000004 0.000012 0.384 0.701

L6.Temp. prom aire 0.000006 0.000005 1.222 0.222

L7.Conduct 0.001742 0.008353 0.209 0.835

L7.Water 0.595887 NAN NAN NAN

L7.Temp -0.037265 0.045157 -0.825 0.409

L7.Prep. horaria 0.000002 0.000012 0.159 0.874

L7.Temp. prom aire -0.000008 0.000005 -1.576 0.115

L8.Conduct 0.000213 0.008350 0.026 0.980

L8.Water -0.308048 NAN NAN NAN

L8.Temp -0.049036 0.045053 -1.088 0.276

L8.Prep. horaria -0.000000 0.000012 -0.005 0.996

L8.Temp. prom aire 0.000004 0.000005 0.857 0.392

L9.Conduct 0.000113 0.008324 0.014 0.989

L9.Water 0.300169 0.234574 1.280 0.201

L9.Temp -0.070925 0.044892 -1.580 0.114

L9.Prep. horaria -0.000002 0.000012 -0.136 0.892

L9.Temp. prom aire -0.000005 0.000005 -1.041 0.298

L10.Conduct 0.001403 0.008249 0.170 0.865

L10.Water -0.203341 0.295309 -0.689 0.491

L10.Temp -0.099008 0.044463 -2.227 0.026

L10.Prep. horaria -0.000002 0.000012 -0.195 0.845

L10.Temp. prom aire -0.000001 0.000005 -0.116 0.908

L11.Conduct -0.005136 0.006077 -0.845 0.398

L11.Water 0.035593 0.161816 0.220 0.826

L11.Temp 0.197189 0.031741 6.212 0.000

L11.Prep. horaria -0.000001 0.000011 -0.122 0.903

L11.Temp. prom aire 0.000003 0.000005 0.624 0.532

L12.Conduct 0.002680 0.001874 1.430 0.153

L12.Water 0.007812 0.035762 0.218 0.827

L12.Temp -0.064979 0.009325 -6.969 0.000

L12.Prep. horaria -0.000000 0.000010 -0.038 0.970

L12.Temp. prom aire -0.000000 0.000003 -0.058 0.954

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.051101 0.026604 -1.921 0.055

L1.Conduct -2.458039 1.829836 -1.343 0.179

L1.Water 6.765852 34.653615 0.195 0.845

L1.Temp 0.738440 8.674604 0.085 0.932

L1.Prep. horaria 0.573627 0.009276 61.838 0.000

L1.Temp. prom aire -0.002390 0.002346 -1.019 0.308

L2.Conduct 5.586632 5.792559 0.964 0.335

L2.Water 8.502267 151.355460 0.056 0.955

L2.Temp -4.410741 29.558288 -0.149 0.881

L2.Prep. horaria 0.144953 0.010701 13.546 0.000

L2.Temp. prom aire 0.007468 0.004498 1.660 0.097

L3.Conduct -2.944901 7.728132 -0.381 0.703

L3.Water -52.339427 266.947864 -0.196 0.845

L3.Temp 5.049416 41.473847 0.122 0.903

L3.Prep. horaria 0.007614 0.010789 0.706 0.480

L3.Temp. prom aire -0.005172 0.004834 -1.070 0.285

L4.Conduct -0.830063 7.786573 -0.107 0.915

L4.Water 39.903995 189.742169 0.210 0.833

L4.Temp 1.724028 42.030631 0.041 0.967

L4.Prep. horaria -0.029106 0.010797 -2.696 0.007

L4.Temp. prom aire 0.002069 0.004837 0.428 0.669

L5.Conduct -0.468922 7.799535 -0.060 0.952

L5.Water 31.096998 NAN NAN NAN

L5.Temp -2.436398 42.182429 -0.058 0.954

L5.Prep. horaria -0.003190 0.010792 -0.296 0.768

L5.Temp. prom aire -0.003933 0.004838 -0.813 0.416

L6.Conduct 2.001459 7.800086 0.257 0.797

L6.Water -91.806827 NAN NAN NAN

L6.Temp -1.783621 42.188485 -0.042 0.966

L6.Prep. horaria 0.008767 0.010786 0.813 0.416

L6.Temp. prom aire 0.005016 0.004837 1.037 0.300

L7.Conduct 0.348971 7.799324 0.045 0.964

L7.Water 155.079507 NAN NAN NAN

L7.Temp -1.448991 42.162407 -0.034 0.973

L7.Prep. horaria 0.034836 0.010785 3.230 0.001

L7.Temp. prom aire -0.003573 0.004837 -0.739 0.460

L8.Conduct -5.362294 7.796726 -0.688 0.492

L8.Water -249.848813 NAN NAN NAN

L8.Temp 4.252162 42.065602 0.101 0.919

L8.Prep. horaria -0.042346 0.010789 -3.925 0.000

L8.Temp. prom aire 0.003104 0.004838 0.642 0.521

L9.Conduct 5.937266 7.772119 0.764 0.445

L9.Water 375.428457 219.020042 1.714 0.087

L9.Temp -3.864387 41.915851 -0.092 0.927

L9.Prep. horaria 0.030426 0.010793 2.819 0.005

L9.Temp. prom aire -0.003658 0.004836 -0.756 0.449

L10.Conduct 1.350357 7.702296 0.175 0.861

L10.Water -422.182816 275.728614 -1.531 0.126

L10.Temp 6.070596 41.515194 0.146 0.884

L10.Prep. horaria 0.045532 0.010795 4.218 0.000

L10.Temp. prom aire 0.004401 0.004833 0.911 0.362

L11.Conduct -5.335209 5.674474 -0.940 0.347

L11.Water 268.724692 151.087046 1.779 0.075

L11.Temp -5.882767 29.636199 -0.198 0.843

L11.Prep. horaria -0.011794 0.010718 -1.100 0.271

L11.Temp. prom aire -0.003453 0.004501 -0.767 0.443

L12.Conduct 2.174453 1.749474 1.243 0.214

L12.Water -69.320876 33.390421 -2.076 0.038

L12.Temp 1.991843 8.706377 0.229 0.819

L12.Prep. horaria 0.017618 0.009289 1.897 0.058

L12.Temp. prom aire 0.002086 0.002350 0.888 0.375

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.617794 0.105104 5.878 0.000

L1.Conduct 0.569891 7.229066 0.079 0.937

L1.Water 245.688286 136.904764 1.795 0.073

L1.Temp 36.348881 34.270439 1.061 0.289

L1.Prep. horaria 0.059609 0.036647 1.627 0.104

L1.Temp. prom aire 1.634949 0.009270 176.373 0.000

L2.Conduct 0.682165 22.884450 0.030 0.976

L2.Water -1396.541110 597.954463 -2.336 0.020

L2.Temp -189.569561 116.774845 -1.623 0.105

L2.Prep. horaria 0.021255 0.042275 0.503 0.615

L2.Temp. prom aire -0.752355 0.017770 -42.338 0.000

L3.Conduct -3.954496 30.531248 -0.130 0.897

L3.Water 3422.304034 1054.621134 3.245 0.001

L3.Temp 414.970204 163.849205 2.533 0.011

L3.Prep. horaria -0.004339 0.042623 -0.102 0.919

L3.Temp. prom aire 0.078548 0.019096 4.113 0.000

L4.Conduct 3.482781 30.762127 0.113 0.910

L4.Water -4702.940890 749.607424 -6.274 0.000

L4.Temp -412.366636 166.048871 -2.483 0.013

L4.Prep. horaria -0.006555 0.042653 -0.154 0.878

L4.Temp. prom aire -0.038681 0.019111 -2.024 0.043

L5.Conduct -0.649728 30.813337 -0.021 0.983

L5.Water 3734.528446 NAN NAN NAN

L5.Temp 86.156681 166.648573 0.517 0.605

L5.Prep. horaria -0.004740 0.042637 -0.111 0.911

L5.Temp. prom aire -0.018462 0.019114 -0.966 0.334

L6.Conduct 0.436443 30.815512 0.014 0.989

L6.Water -1224.047314 NAN NAN NAN

L6.Temp 157.658568 166.672500 0.946 0.344

L6.Prep. horaria 0.024353 0.042610 0.572 0.568

L6.Temp. prom aire 0.015976 0.019111 0.836 0.403

L7.Conduct -2.894991 30.812504 -0.094 0.925

L7.Water -555.088060 NAN NAN NAN

L7.Temp -150.464709 166.569473 -0.903 0.366

L7.Prep. horaria 0.022703 0.042608 0.533 0.594

L7.Temp. prom aire -0.039797 0.019110 -2.083 0.037

L8.Conduct 6.376280 30.802241 0.207 0.836

L8.Water 519.869032 NAN NAN NAN

L8.Temp 183.012341 166.187030 1.101 0.271

L8.Prep. horaria 0.032559 0.042623 0.764 0.445

L8.Temp. prom aire 0.017539 0.019113 0.918 0.359

L9.Conduct -8.833445 30.705026 -0.288 0.774

L9.Water 145.084735 865.274447 0.168 0.867

L9.Temp -135.487455 165.595415 -0.818 0.413

L9.Prep. horaria -0.025635 0.042639 -0.601 0.548

L9.Temp. prom aire 0.012140 0.019107 0.635 0.525

L10.Conduct 10.057262 30.429178 0.331 0.741

L10.Water -267.904682 1089.310921 -0.246 0.806

L10.Temp -187.943003 164.012553 -1.146 0.252

L10.Prep. horaria -0.037612 0.042647 -0.882 0.378

L10.Temp. prom aire -0.007560 0.019093 -0.396 0.692

L11.Conduct -8.002238 22.417937 -0.357 0.721

L11.Water 84.577206 596.894048 0.142 0.887

L11.Temp 318.612021 117.082643 2.721 0.007

L11.Prep. horaria 0.005643 0.042343 0.133 0.894

L11.Temp. prom aire -0.056913 0.017782 -3.201 0.001

L12.Conduct 2.731704 6.911582 0.395 0.693

L12.Water -5.537732 131.914313 -0.042 0.967

L12.Temp -120.871060 34.395964 -3.514 0.000

L12.Prep. horaria 0.029477 0.036699 0.803 0.422

L12.Temp. prom aire 0.034616 0.009284 3.728 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.226853 0.094236 0.000122 0.004360

Water 0.226853 1.000000 0.006686 0.013686 0.010929

Temp 0.094236 0.006686 1.000000 0.000678 -0.002797

Precip. horaria 0.000122 0.013686 0.000678 1.000000 -0.023011

Temp. prom aire 0.004360 0.010929 -0.002797 -0.023011 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -51.7913

Nobs: 11677.0 HQIC: -51.9191

Log likelihood: 220967. FPE: 2.65312e-23

AIC: -51.9837 Det(Omega\_mle): 2.58490e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.000179 0.000052 3.439 0.001

L1.Conduct 3.074155 0.010066 305.395 0.000

L1.Water 1.042879 0.047069 22.156 0.000

L1.Temp 0.306913 0.036525 8.403 0.000

L1.Prep. horaria 0.000022 0.000024 0.912 0.362

L1.Temp. prom aire 0.000002 0.000006 0.255 0.799

L2.Conduct -3.129223 0.032411 -96.547 0.000

L2.Water -3.266083 0.223646 -14.604 0.000

L2.Temp -1.186788 0.166115 -7.144 0.000

L2.Prep. horaria -0.000149 0.000027 -5.479 0.000

L2.Temp. prom aire 0.000003 0.000011 0.277 0.781

L3.Conduct 0.920552 0.044944 20.482 0.000

L3.Water 3.617010 0.494350 7.317 0.000

L3.Temp 1.639308 0.336671 4.869 0.000

L3.Prep. horaria 0.000092 0.000028 3.336 0.001

L3.Temp. prom aire -0.000004 0.000012 -0.354 0.723

L4.Conduct 0.212741 0.045792 4.646 0.000

L4.Water -1.722129 0.704565 -2.444 0.015

L4.Temp -0.938327 0.437835 -2.143 0.032

L4.Prep. horaria -0.000021 0.000028 -0.757 0.449

L4.Temp. prom aire 0.000003 0.000012 0.204 0.838

L5.Conduct -0.039904 0.045771 -0.872 0.383

L5.Water 0.845282 0.783173 1.079 0.280

L5.Temp 0.638896 0.465852 1.371 0.170

L5.Prep. horaria -0.000012 0.000028 -0.438 0.661

L5.Temp. prom aire -0.000008 0.000012 -0.637 0.524

L6.Conduct -0.030329 0.045770 -0.663 0.508

L6.Water -2.140245 0.795425 -2.691 0.007

L6.Temp -1.681687 0.470436 -3.575 0.000

L6.Prep. horaria 0.000011 0.000027 0.412 0.681

L6.Temp. prom aire 0.000010 0.000012 0.819 0.413

L7.Conduct -0.031535 0.045764 -0.689 0.491

L7.Water 4.169928 0.798270 5.224 0.000

L7.Temp 2.526807 0.471853 5.355 0.000

L7.Prep. horaria 0.000021 0.000027 0.746 0.456

L7.Temp. prom aire 0.000003 0.000012 0.277 0.782

L8.Conduct 0.018503 0.045757 0.404 0.686

L8.Water -4.336376 0.795507 -5.451 0.000

L8.Temp -2.137364 0.465453 -4.592 0.000

L8.Prep. horaria 0.000020 0.000027 0.735 0.462

L8.Temp. prom aire -0.000017 0.000012 -1.397 0.162

L9.Conduct 0.014591 0.045707 0.319 0.750

L9.Water 2.500021 0.744157 3.360 0.001

L9.Temp 1.238398 0.414585 2.987 0.003

L9.Prep. horaria 0.000016 0.000028 0.584 0.559

L9.Temp. prom aire 0.000007 0.000012 0.529 0.597

L10.Conduct 0.003803 0.044729 0.085 0.932

L10.Water -1.121617 0.557788 -2.011 0.044

L10.Temp -0.565512 0.285740 -1.979 0.048

L10.Prep. horaria 0.000007 0.000028 0.249 0.803

L10.Temp. prom aire 0.000015 0.000012 1.236 0.216

L11.Conduct -0.020393 0.031893 -0.639 0.523

L11.Water 0.580346 0.265407 2.187 0.029

L11.Temp 0.193608 0.128316 1.509 0.131

L11.Prep. horaria 0.000033 0.000027 1.212 0.226

L11.Temp. prom aire -0.000018 0.000011 -1.580 0.114

L12.Conduct 0.007034 0.009743 0.722 0.470

L12.Water -0.169016 0.056452 -2.994 0.003

L12.Temp -0.034257 0.027183 -1.260 0.208

L12.Prep. horaria 0.000079 0.000024 3.315 0.001

L12.Temp. prom aire 0.000008 0.000006 1.270 0.204

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000035 0.000016 2.208 0.027

L1.Conduct 0.011476 0.003049 3.764 0.000

L1.Water 3.947656 0.014257 276.883 0.000

L1.Temp 0.238085 0.011064 21.520 0.000

L1.Prep. horaria 0.000016 0.000007 2.242 0.025

L1.Temp. prom aire -0.000001 0.000002 -0.771 0.441

L2.Conduct -0.028592 0.009818 -2.912 0.004

L2.Water -5.947281 0.067744 -87.791 0.000

L2.Temp -0.959843 0.050317 -19.076 0.000

L2.Prep. horaria 0.000002 0.000008 0.274 0.784

L2.Temp. prom aire 0.000006 0.000003 1.617 0.106

L3.Conduct 0.021550 0.013614 1.583 0.113

L3.Water 4.225133 0.149741 28.216 0.000

L3.Temp 1.445535 0.101980 14.175 0.000

L3.Prep. horaria -0.000007 0.000008 -0.804 0.421

L3.Temp. prom aire -0.000005 0.000004 -1.213 0.225

L4.Conduct -0.002008 0.013871 -0.145 0.885

L4.Water -1.564090 0.213417 -7.329 0.000

L4.Temp -0.925933 0.132623 -6.982 0.000

L4.Prep. horaria -0.000006 0.000008 -0.717 0.473

L4.Temp. prom aire -0.000001 0.000004 -0.301 0.764

L5.Conduct -0.001860 0.013864 -0.134 0.893

L5.Water 0.445752 0.237227 1.879 0.060

L5.Temp 0.143574 0.141109 1.017 0.309

L5.Prep. horaria 0.000003 0.000008 0.336 0.737

L5.Temp. prom aire 0.000003 0.000004 0.725 0.469

L6.Conduct -0.001093 0.013864 -0.079 0.937

L6.Water 0.030683 0.240939 0.127 0.899

L6.Temp 0.080657 0.142498 0.566 0.571

L6.Prep. horaria 0.000003 0.000008 0.316 0.752

L6.Temp. prom aire -0.000004 0.000004 -0.992 0.321

L7.Conduct -0.001273 0.013862 -0.092 0.927

L7.Water -0.149389 0.241800 -0.618 0.537

L7.Temp -0.004231 0.142927 -0.030 0.976

L7.Prep. horaria -0.000000 0.000008 -0.054 0.957

L7.Temp. prom aire 0.000005 0.000004 1.286 0.198

L8.Conduct 0.001581 0.013860 0.114 0.909

L8.Water -0.119139 0.240963 -0.494 0.621

L8.Temp -0.093800 0.140988 -0.665 0.506

L8.Prep. horaria -0.000003 0.000008 -0.354 0.723

L8.Temp. prom aire -0.000003 0.000004 -0.865 0.387

L9.Conduct 0.000328 0.013845 0.024 0.981

L9.Water 0.278131 0.225409 1.234 0.217

L9.Temp 0.168934 0.125580 1.345 0.179

L9.Prep. horaria -0.000006 0.000008 -0.715 0.475

L9.Temp. prom aire 0.000003 0.000004 0.759 0.448

L10.Conduct -0.001643 0.013549 -0.121 0.903

L10.Water -0.285345 0.168957 -1.689 0.091

L10.Temp -0.137334 0.086552 -1.587 0.113

L10.Prep. horaria -0.000006 0.000008 -0.707 0.480

L10.Temp. prom aire -0.000000 0.000004 -0.072 0.943

L11.Conduct 0.003842 0.009661 0.398 0.691

L11.Water 0.189220 0.080393 2.354 0.019

L11.Temp 0.052581 0.038868 1.353 0.176

L11.Prep. horaria -0.000005 0.000008 -0.593 0.553

L11.Temp. prom aire -0.000003 0.000003 -0.880 0.379

L12.Conduct -0.002308 0.002951 -0.782 0.434

L12.Water -0.051332 0.017100 -3.002 0.003

L12.Temp -0.008228 0.008234 -0.999 0.318

L12.Prep. horaria -0.000003 0.000007 -0.412 0.681

L12.Temp. prom aire 0.000002 0.000002 1.226 0.220

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000014 0.000019 -0.700 0.484

L1.Conduct -0.005980 0.003741 -1.599 0.110

L1.Water 1.363071 0.017493 77.919 0.000

L1.Temp 4.288262 0.013575 315.901 0.000

L1.Prep. horaria -0.000013 0.000009 -1.443 0.149

L1.Temp. prom aire 0.000001 0.000002 0.388 0.698

L2.Conduct 0.015424 0.012046 1.280 0.200

L2.Water -6.076011 0.083119 -73.100 0.000

L2.Temp -7.508225 0.061737 -121.616 0.000

L2.Prep. horaria -0.000004 0.000010 -0.375 0.708

L2.Temp. prom aire -0.000004 0.000004 -0.837 0.403

L3.Conduct -0.011444 0.016704 -0.685 0.493

L3.Water 10.918335 0.183728 59.427 0.000

L3.Temp 7.264993 0.125126 58.062 0.000

L3.Prep. horaria 0.000005 0.000010 0.447 0.655

L3.Temp. prom aire 0.000002 0.000005 0.363 0.716

L4.Conduct -0.001896 0.017019 -0.111 0.911

L4.Water -10.293183 0.261855 -39.309 0.000

L4.Temp -4.966858 0.162723 -30.523 0.000

L4.Prep. horaria 0.000012 0.000010 1.212 0.226

L4.Temp. prom aire 0.000006 0.000005 1.260 0.208

L5.Conduct 0.003920 0.017011 0.230 0.818

L5.Water 6.095801 0.291070 20.943 0.000

L5.Temp 3.100390 0.173136 17.907 0.000

L5.Prep. horaria 0.000005 0.000010 0.527 0.598

L5.Temp. prom aire -0.000003 0.000005 -0.662 0.508

L6.Conduct 0.001456 0.017011 0.086 0.932

L6.Water -3.182475 0.295624 -10.765 0.000

L6.Temp -1.666511 0.174840 -9.532 0.000

L6.Prep. horaria -0.000006 0.000010 -0.633 0.527

L6.Temp. prom aire 0.000002 0.000005 0.421 0.674

L7.Conduct -0.000381 0.017008 -0.022 0.982

L7.Water 1.591731 0.296681 5.365 0.000

L7.Temp 0.670475 0.175366 3.823 0.000

L7.Prep. horaria -0.000005 0.000010 -0.498 0.618

L7.Temp. prom aire -0.000008 0.000005 -1.754 0.080

L8.Conduct -0.000692 0.017006 -0.041 0.968

L8.Water -0.506392 0.295654 -1.713 0.087

L8.Temp -0.261302 0.172988 -1.511 0.131

L8.Prep. horaria 0.000004 0.000010 0.403 0.687

L8.Temp. prom aire 0.000007 0.000005 1.625 0.104

L9.Conduct -0.000733 0.016987 -0.043 0.966

L9.Water 0.223565 0.276570 0.808 0.419

L9.Temp 0.135554 0.154082 0.880 0.379

L9.Prep. horaria 0.000002 0.000010 0.239 0.811

L9.Temp. prom aire -0.000007 0.000005 -1.632 0.103

L10.Conduct 0.002789 0.016624 0.168 0.867

L10.Water -0.199382 0.207305 -0.962 0.336

L10.Temp -0.129445 0.106197 -1.219 0.223

L10.Prep. horaria 0.000006 0.000010 0.580 0.562

L10.Temp. prom aire 0.000002 0.000005 0.542 0.588

L11.Conduct -0.005324 0.011853 -0.449 0.653

L11.Water 0.067032 0.098640 0.680 0.497

L11.Temp 0.101461 0.047689 2.128 0.033

L11.Prep. horaria 0.000002 0.000010 0.207 0.836

L11.Temp. prom aire 0.000005 0.000004 1.067 0.286

L12.Conduct 0.002860 0.003621 0.790 0.430

L12.Water -0.002090 0.020981 -0.100 0.921

L12.Temp -0.028795 0.010103 -2.850 0.004

L12.Prep. horaria 0.000003 0.000009 0.286 0.775

L12.Temp. prom aire -0.000003 0.000002 -1.242 0.214

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.041312 0.020449 -2.020 0.043

L1.Conduct -1.724482 3.951754 -0.436 0.663

L1.Water 19.824578 18.478301 1.073 0.283

L1.Temp 2.963162 14.338911 0.207 0.836

L1.Prep. horaria 0.575133 0.009278 61.989 0.000

L1.Temp. prom aire -0.002451 0.002351 -1.043 0.297

L2.Conduct 1.848812 12.723989 0.145 0.884

L2.Water -53.167480 87.798598 -0.606 0.545

L2.Temp 0.160255 65.213009 0.002 0.998

L2.Prep. horaria 0.145901 0.010706 13.628 0.000

L2.Temp. prom aire 0.007543 0.004501 1.676 0.094

L3.Conduct 2.552498 17.643930 0.145 0.885

L3.Water 8.890214 194.071085 0.046 0.963

L3.Temp -33.290709 132.169830 -0.252 0.801

L3.Prep. horaria 0.007886 0.010798 0.730 0.465

L3.Temp. prom aire -0.005228 0.004836 -1.081 0.280

L4.Conduct -4.406745 17.976851 -0.245 0.806

L4.Water 106.492656 276.596873 0.385 0.700

L4.Temp 64.276950 171.884271 0.374 0.708

L4.Prep. horaria -0.027792 0.010801 -2.573 0.010

L4.Temp. prom aire 0.001997 0.004840 0.413 0.680

L5.Conduct 2.378501 17.968874 0.132 0.895

L5.Water -101.593321 307.456484 -0.330 0.741

L5.Temp -23.649129 182.883361 -0.129 0.897

L5.Prep. horaria -0.001428 0.010798 -0.132 0.895

L5.Temp. prom aire -0.003697 0.004841 -0.764 0.445

L6.Conduct -1.953648 17.968353 -0.109 0.913

L6.Water -56.812557 312.266413 -0.182 0.856

L6.Temp -57.305660 184.683025 -0.310 0.756

L6.Prep. horaria 0.010084 0.010791 0.935 0.350

L6.Temp. prom aire 0.004922 0.004840 1.017 0.309

L7.Conduct -1.957593 17.965853 -0.109 0.913

L7.Water 183.102645 313.383302 0.584 0.559

L7.Temp 108.985351 185.239035 0.588 0.556

L7.Prep. horaria 0.035679 0.010790 3.307 0.001

L7.Temp. prom aire -0.003693 0.004841 -0.763 0.446

L8.Conduct 10.903972 17.963251 0.607 0.544

L8.Water -250.769492 312.298474 -0.803 0.422

L8.Temp -159.206989 182.726642 -0.871 0.384

L8.Prep. horaria -0.041364 0.010795 -3.832 0.000

L8.Temp. prom aire 0.003149 0.004842 0.650 0.515

L9.Conduct -11.696984 17.943523 -0.652 0.514

L9.Water 352.509391 292.139756 1.207 0.228

L9.Temp 210.933022 162.756978 1.296 0.195

L9.Prep. horaria 0.030949 0.010798 2.866 0.004

L9.Temp. prom aire -0.003660 0.004841 -0.756 0.450

L10.Conduct 6.482641 17.559774 0.369 0.712

L10.Water -384.484646 218.975474 -1.756 0.079

L10.Temp -182.657671 112.175124 -1.628 0.103

L10.Prep. horaria 0.045507 0.010800 4.214 0.000

L10.Temp. prom aire 0.004389 0.004838 0.907 0.364

L11.Conduct -4.174796 12.520584 -0.333 0.739

L11.Water 233.548463 104.192897 2.242 0.025

L11.Temp 84.969119 50.374114 1.687 0.092

L11.Prep. horaria -0.012355 0.010725 -1.152 0.249

L11.Temp. prom aire -0.003357 0.004505 -0.745 0.456

L12.Conduct 1.747311 3.825073 0.457 0.648

L12.Water -57.537834 22.161930 -2.596 0.009

L12.Temp -16.177876 10.671359 -1.516 0.130

L12.Prep. horaria 0.018486 0.009298 1.988 0.047

L12.Temp. prom aire 0.002002 0.002355 0.850 0.395

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.554424 0.080630 6.876 0.000

L1.Conduct 3.991194 15.581550 0.256 0.798

L1.Water -0.517801 72.858936 -0.007 0.994

L1.Temp 2.579242 56.537549 0.046 0.964

L1.Prep. horaria 0.057114 0.036583 1.561 0.118

L1.Temp. prom aire 1.632117 0.009271 176.051 0.000

L2.Conduct -13.920810 50.169998 -0.277 0.781

L2.Water 100.005106 346.185101 0.289 0.773

L2.Temp -48.382934 257.131352 -0.188 0.851

L2.Prep. horaria 0.021232 0.042214 0.503 0.615

L2.Temp. prom aire -0.750825 0.017747 -42.307 0.000

L3.Conduct 17.808408 69.569057 0.256 0.798

L3.Water -274.784736 765.211739 -0.359 0.720

L3.Temp 263.213130 521.138455 0.505 0.614

L3.Prep. horaria -0.005167 0.042577 -0.121 0.903

L3.Temp. prom aire 0.079271 0.019068 4.157 0.000

L4.Conduct -9.300551 70.881746 -0.131 0.896

L4.Water -60.195588 1090.606435 -0.055 0.956

L4.Temp -660.556366 677.730340 -0.975 0.330

L4.Prep. horaria -0.006556 0.042590 -0.154 0.878

L4.Temp. prom aire -0.039774 0.019085 -2.084 0.037

L5.Conduct -1.313664 70.850294 -0.019 0.985

L5.Water 1116.751071 1212.284204 0.921 0.357

L5.Temp 958.666200 721.099152 1.329 0.184

L5.Prep. horaria -0.004935 0.042575 -0.116 0.908

L5.Temp. prom aire -0.018350 0.019087 -0.961 0.336

L6.Conduct 3.861647 70.848238 0.055 0.957

L6.Water -1890.198329 1231.249495 -1.535 0.125

L6.Temp -967.220268 728.195128 -1.328 0.184

L6.Prep. horaria 0.023822 0.042548 0.560 0.576

L6.Temp. prom aire 0.015556 0.019084 0.815 0.415

L7.Conduct 4.238162 70.838382 0.060 0.952

L7.Water 1840.460035 1235.653325 1.489 0.136

L7.Temp 841.192664 730.387447 1.152 0.249

L7.Prep. horaria 0.019408 0.042546 0.456 0.648

L7.Temp. prom aire -0.039944 0.019088 -2.093 0.036

L8.Conduct -11.489093 70.828121 -0.162 0.871

L8.Water -1650.402522 1231.375908 -1.340 0.180

L8.Temp -746.683742 720.481217 -1.036 0.300

L8.Prep. horaria 0.030962 0.042564 0.727 0.467

L8.Temp. prom aire 0.017395 0.019093 0.911 0.362

L9.Conduct 21.154689 70.750335 0.299 0.765

L9.Water 1514.998717 1151.891180 1.315 0.188

L9.Temp 767.328866 641.741917 1.196 0.232

L9.Prep. horaria -0.024937 0.042578 -0.586 0.558

L9.Temp. prom aire 0.012012 0.019089 0.629 0.529

L10.Conduct -38.760661 69.237236 -0.560 0.576

L10.Water -1037.248152 863.408391 -1.201 0.230

L10.Temp -780.459629 442.300417 -1.765 0.078

L10.Prep. horaria -0.036265 0.042585 -0.852 0.394

L10.Temp. prom aire -0.007279 0.019075 -0.382 0.703

L11.Conduct 34.662756 49.367980 0.702 0.483

L11.Water 413.237891 410.826928 1.006 0.314

L11.Temp 506.853249 198.622392 2.552 0.011

L11.Prep. horaria 0.006023 0.042287 0.142 0.887

L11.Temp. prom aire -0.055883 0.017762 -3.146 0.002

L12.Conduct -10.929587 15.082054 -0.725 0.469

L12.Water -72.107714 87.383287 -0.825 0.409

L12.Temp -136.473294 42.076588 -3.243 0.001

L12.Prep. horaria 0.026614 0.036661 0.726 0.468

L12.Temp. prom aire 0.032096 0.009285 3.457 0.001

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.390820 -0.279017 -0.002038 0.002809

Water 0.390820 1.000000 -0.751875 0.018278 0.008837

Temp -0.279017 -0.751875 1.000000 -0.009465 -0.013803

Prep. horaria -0.002038 0.018278 -0.009465 1.000000 -0.023667

Temp. prom aire 0.002809 0.008837 -0.013803 -0.023667 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -55.1217

Nobs: 11677.0 HQIC: -55.2495

Log likelihood: 240412. FPE: 9.49278e-25

AIC: -55.3141 Det(Omega\_mle): 9.24867e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000153 0.000036 4.267 0.000

L1.Conduct 2.925094 0.009240 316.562 0.000

L1.Water 2.609710 0.050216 51.970 0.000

L1.Temp -0.053317 0.013031 -4.092 0.000

L1.Prep. horaria 0.000029 0.000015 1.922 0.055

L1.Temp. prom aire -0.000001 0.000004 -0.172 0.864

L2.Conduct -2.608223 0.028501 -91.514 0.000

L2.Water -11.902541 0.009773 -1217.936 0.000

L2.Temp 0.337804 0.044917 7.521 0.000

L2.Prep. horaria 0.000100 0.000018 5.715 0.000

L2.Temp. prom aire -0.000001 0.000007 -0.086 0.931

L3.Conduct 0.396867 0.037321 10.634 0.000

L3.Water 23.980554 NAN NAN NAN

L3.Temp -0.826187 0.059721 -13.834 0.000

L3.Prep. horaria -0.000066 0.000018 -3.754 0.000

L3.Temp. prom aire 0.000003 0.000008 0.342 0.732

L4.Conduct 0.242498 0.037574 6.454 0.000

L4.Water -31.469707 NAN NAN NAN

L4.Temp 1.143922 0.052340 21.855 0.000

L4.Prep. horaria 0.000013 0.000018 0.748 0.454

L4.Temp. prom aire -0.000004 0.000008 -0.490 0.624

L5.Conduct 0.055420 0.037611 1.473 0.141

L5.Water 37.464930 1.540268 24.324 0.000

L5.Temp -1.316569 0.083253 -15.814 0.000

L5.Prep. horaria 0.000003 0.000018 0.147 0.883

L5.Temp. prom aire 0.000007 0.000008 0.930 0.353

L6.Conduct 0.016901 0.037643 0.449 0.653

L6.Water -48.032813 2.814275 -17.068 0.000

L6.Temp 1.712245 0.123880 13.822 0.000

L6.Prep. horaria 0.000007 0.000018 0.414 0.679

L6.Temp. prom aire -0.000009 0.000008 -1.087 0.277

L7.Conduct -0.011782 0.037608 -0.313 0.754

L7.Water 57.643783 2.650526 21.748 0.000

L7.Temp -2.139140 0.122454 -17.469 0.000

L7.Prep. horaria 0.000005 0.000018 0.267 0.789

L7.Temp. prom aire -0.000002 0.000008 -0.217 0.828

L8.Conduct -0.004817 0.037569 -0.128 0.898

L8.Water -53.955940 0.893024 -60.419 0.000

L8.Temp 2.064542 0.076242 27.079 0.000

L8.Prep. horaria 0.000006 0.000018 0.364 0.716

L8.Temp. prom aire 0.000011 0.000008 1.405 0.160

L9.Conduct 0.017872 0.037521 0.476 0.634

L9.Water 35.281605 NAN NAN NAN

L9.Temp -1.391753 0.035800 -38.876 0.000

L9.Prep. horaria -0.000004 0.000018 -0.220 0.826

L9.Temp. prom aire -0.000003 0.000008 -0.318 0.751

L10.Conduct 0.006020 0.037353 0.161 0.872

L10.Water -14.834871 NAN NAN NAN

L10.Temp 0.589444 0.053634 10.990 0.000

L10.Prep. horaria 0.000008 0.000018 0.471 0.637

L10.Temp. prom aire -0.000011 0.000008 -1.401 0.161

L11.Conduct -0.085426 0.028371 -3.011 0.003

L11.Water 3.625383 NAN NAN NAN

L11.Temp -0.130956 0.044042 -2.973 0.003

L11.Prep. horaria -0.000008 0.000018 -0.430 0.667

L11.Temp. prom aire 0.000011 0.000007 1.432 0.152

L12.Conduct 0.049573 0.009080 5.459 0.000

L12.Water -0.410094 0.041505 -9.881 0.000

L12.Temp 0.009961 0.013027 0.765 0.444

L12.Prep. horaria -0.000010 0.000015 -0.650 0.515

L12.Temp. prom aire -0.000004 0.000004 -0.931 0.352

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000005 0.000003 1.795 0.073

L1.Conduct 0.001991 0.000661 3.014 0.003

L1.Water 5.653654 0.003590 1574.615 0.000

L1.Temp -0.086838 0.000932 -93.198 0.000

L1.Prep. horaria 0.000000 0.000001 0.288 0.773

L1.Temp. prom aire 0.000000 0.000000 0.816 0.414

L2.Conduct -0.004619 0.002038 -2.267 0.023

L2.Water -14.205192 0.000699 -20329.022 0.000

L2.Temp 0.396317 0.003212 123.400 0.000

L2.Prep. horaria 0.000000 0.000001 0.263 0.792

L2.Temp. prom aire -0.000001 0.000001 -1.407 0.160

L3.Conduct 0.002967 0.002669 1.112 0.266

L3.Water 21.357641 NAN NAN NAN

L3.Temp -0.760263 0.004270 -178.041 0.000

L3.Prep. horaria 0.000002 0.000001 1.243 0.214

L3.Temp. prom aire 0.000001 0.000001 1.304 0.192

L4.Conduct 0.000225 0.002687 0.084 0.933

L4.Water -22.324794 NAN NAN NAN

L4.Temp 0.844301 0.003742 225.603 0.000

L4.Prep. horaria 0.000003 0.000001 2.600 0.009

L4.Temp. prom aire -0.000000 0.000001 -0.034 0.973

L5.Conduct -0.000916 0.002689 -0.341 0.733

L5.Water 18.442323 0.110132 167.457 0.000

L5.Temp -0.691979 0.005953 -116.245 0.000

L5.Prep. horaria -0.000004 0.000001 -3.530 0.000

L5.Temp. prom aire -0.000000 0.000001 -0.095 0.925

L6.Conduct 0.000321 0.002692 0.119 0.905

L6.Water -13.517274 0.201225 -67.175 0.000

L6.Temp 0.519577 0.008858 58.659 0.000

L6.Prep. horaria 0.000001 0.000001 0.418 0.676

L6.Temp. prom aire 0.000000 0.000001 0.440 0.660

L7.Conduct -0.000318 0.002689 -0.118 0.906

L7.Water 9.281751 0.189517 48.976 0.000

L7.Temp -0.361882 0.008756 -41.331 0.000

L7.Prep. horaria -0.000001 0.000001 -0.860 0.390

L7.Temp. prom aire -0.000001 0.000001 -1.404 0.160

L8.Conduct 0.000609 0.002686 0.227 0.821

L8.Water -5.801643 0.063853 -90.860 0.000

L8.Temp 0.226184 0.005451 41.491 0.000

L8.Prep. horaria -0.000001 0.000001 -1.167 0.243

L8.Temp. prom aire 0.000001 0.000001 0.988 0.323

L9.Conduct 0.000011 0.002683 0.004 0.997

L9.Water 3.083209 NAN NAN NAN

L9.Temp -0.126656 0.002560 -49.480 0.000

L9.Prep. horaria 0.000003 0.000001 2.043 0.041

L9.Temp. prom aire -0.000000 0.000001 -0.593 0.553

L10.Conduct -0.000029 0.002671 -0.011 0.991

L10.Water -1.291138 NAN NAN NAN

L10.Temp 0.049080 0.003835 12.798 0.000

L10.Prep. horaria -0.000000 0.000001 -0.319 0.750

L10.Temp. prom aire 0.000000 0.000001 0.297 0.766

L11.Conduct -0.000510 0.002029 -0.251 0.802

L11.Water 0.378932 NAN NAN NAN

L11.Temp -0.007210 0.003149 -2.289 0.022

L11.Prep. horaria -0.000003 0.000001 -2.245 0.025

L11.Temp. prom aire 0.000000 0.000001 0.280 0.780

L12.Conduct 0.000268 0.000649 0.413 0.680

L12.Water -0.057470 0.002968 -19.365 0.000

L12.Temp -0.000633 0.000931 -0.680 0.496

L12.Prep. horaria 0.000003 0.000001 2.864 0.004

L12.Temp. prom aire -0.000000 0.000000 -0.400 0.689

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000003 0.000026 -0.129 0.897

L1.Conduct -0.014120 0.006618 -2.134 0.033

L1.Water 0.295449 0.035963 8.215 0.000

L1.Temp 3.292048 0.009333 352.746 0.000

L1.Prep. horaria 0.000005 0.000011 0.426 0.670

L1.Temp. prom aire 0.000003 0.000003 1.170 0.242

L2.Conduct 0.035254 0.020412 1.727 0.084

L2.Water -1.602024 0.006999 -228.894 0.000

L2.Temp -3.370962 0.032169 -104.790 0.000

L2.Prep. horaria 0.000001 0.000013 0.099 0.921

L2.Temp. prom aire -0.000009 0.000005 -1.786 0.074

L3.Conduct -0.021586 0.026729 -0.808 0.419

L3.Water 3.764881 NAN NAN NAN

L3.Temp 0.576508 0.042771 13.479 0.000

L3.Prep. horaria 0.000003 0.000013 0.198 0.843

L3.Temp. prom aire 0.000005 0.000006 0.870 0.384

L4.Conduct -0.006485 0.026910 -0.241 0.810

L4.Water -5.122476 NAN NAN NAN

L4.Temp 0.556387 0.037485 14.843 0.000

L4.Prep. horaria 0.000001 0.000013 0.081 0.936

L4.Temp. prom aire 0.000005 0.000006 0.810 0.418

L5.Conduct 0.003590 0.026936 0.133 0.894

L5.Water 4.685695 1.103103 4.248 0.000

L5.Temp -0.020117 0.059624 -0.337 0.736

L5.Prep. horaria 0.000001 0.000013 0.113 0.910

L5.Temp. prom aire -0.000003 0.000006 -0.474 0.636

L6.Conduct 0.006222 0.026959 0.231 0.817

L6.Water -3.276376 2.015515 -1.626 0.104

L6.Temp 0.161136 0.088720 1.816 0.069

L6.Prep. horaria 0.000005 0.000013 0.357 0.721

L6.Temp. prom aire 0.000007 0.000006 1.230 0.219

L7.Conduct -0.001476 0.026934 -0.055 0.956

L7.Water 1.880235 1.898242 0.991 0.322

L7.Temp -0.107954 0.087699 -1.231 0.218

L7.Prep. horaria 0.000002 0.000013 0.181 0.856

L7.Temp. prom aire -0.000009 0.000006 -1.633 0.102

L8.Conduct -0.001473 0.026906 -0.055 0.956

L8.Water -0.862402 0.639562 -1.348 0.178

L8.Temp -0.030625 0.054603 -0.561 0.575

L8.Prep. horaria 0.000001 0.000013 0.076 0.940

L8.Temp. prom aire 0.000004 0.000006 0.784 0.433

L9.Conduct 0.000832 0.026871 0.031 0.975

L9.Water 0.313225 NAN NAN NAN

L9.Temp -0.111355 0.025639 -4.343 0.000

L9.Prep. horaria -0.000001 0.000013 -0.068 0.946

L9.Temp. prom aire -0.000006 0.000006 -1.004 0.315

L10.Conduct -0.001005 0.026751 -0.038 0.970

L10.Water -0.081887 NAN NAN NAN

L10.Temp -0.138231 0.038411 -3.599 0.000

L10.Prep. horaria -0.000004 0.000013 -0.285 0.775

L10.Temp. prom aire -0.000000 0.000006 -0.063 0.950

L11.Conduct -0.001272 0.020319 -0.063 0.950

L11.Water -0.002550 NAN NAN NAN

L11.Temp 0.302319 0.031542 9.585 0.000

L11.Prep. horaria -0.000002 0.000013 -0.196 0.845

L11.Temp. prom aire 0.000003 0.000005 0.530 0.596

L12.Conduct 0.001519 0.006503 0.234 0.815

L12.Water 0.008229 0.029725 0.277 0.782

L12.Temp -0.109155 0.009329 -11.700 0.000

L12.Prep. horaria 0.000001 0.000011 0.049 0.961

L12.Temp. prom aire 0.000000 0.000003 0.039 0.969

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.039420 0.021918 -1.799 0.072

L1.Conduct 16.000919 5.636559 2.839 0.005

L1.Water -63.884166 30.631806 -2.086 0.037

L1.Temp 0.978217 7.949106 0.123 0.902

L1.Prep. horaria 0.575174 0.009279 61.987 0.000

L1.Temp. prom aire -0.002081 0.002343 -0.888 0.375

L2.Conduct -29.302350 17.385647 -1.685 0.092

L2.Water 263.244041 5.961404 44.158 0.000

L2.Temp -9.747751 27.399745 -0.356 0.722

L2.Prep. horaria 0.147056 0.010700 13.743 0.000

L2.Temp. prom aire 0.007231 0.004493 1.609 0.108

L3.Conduct 4.631687 22.766301 0.203 0.839

L3.Water 147.342425 NAN NAN NAN

L3.Temp 5.879349 36.430190 0.161 0.872

L3.Prep. horaria 0.006031 0.010796 0.559 0.576

L3.Temp. prom aire -0.005005 0.004828 -1.036 0.300

L4.Conduct 8.319646 22.920311 0.363 0.717

L4.Water -2758.526768 NAN NAN NAN

L4.Temp 81.125182 31.927908 2.541 0.011

L4.Prep. horaria -0.028210 0.010804 -2.611 0.009

L4.Temp. prom aire 0.001850 0.004832 0.383 0.702

L5.Conduct -0.446245 22.943138 -0.019 0.984

L5.Water 7162.923374 939.571564 7.624 0.000

L5.Temp -251.822058 50.785047 -4.959 0.000

L5.Prep. horaria -0.002054 0.010792 -0.190 0.849

L5.Temp. prom aire -0.003621 0.004833 -0.749 0.454

L6.Conduct 6.684383 22.962159 0.291 0.771

L6.Water -10058.557319 1716.722474 -5.859 0.000

L6.Temp 372.813504 75.567606 4.934 0.000

L6.Prep. horaria 0.009041 0.010789 0.838 0.402

L6.Temp. prom aire 0.004753 0.004833 0.983 0.325

L7.Conduct 0.069833 22.941365 0.003 0.998

L7.Water 9577.482364 1616.834696 5.924 0.000

L7.Temp -360.625006 74.697531 -4.828 0.000

L7.Prep. horaria 0.033991 0.010783 3.152 0.002

L7.Temp. prom aire -0.003585 0.004833 -0.742 0.458

L8.Conduct -16.670718 22.917427 -0.727 0.467

L8.Water -7198.810846 544.749101 -13.215 0.000

L8.Temp 278.078901 46.507944 5.979 0.000

L8.Prep. horaria -0.039969 0.010788 -3.705 0.000

L8.Temp. prom aire 0.003151 0.004834 0.652 0.515

L9.Conduct 16.517205 22.887889 0.722 0.471

L9.Water 4606.169436 NAN NAN NAN

L9.Temp -187.109908 21.837986 -8.568 0.000

L9.Prep. horaria 0.030824 0.010787 2.858 0.004

L9.Temp. prom aire -0.003802 0.004833 -0.787 0.432

L10.Conduct -1.810270 22.785260 -0.079 0.937

L10.Water -2330.680317 NAN NAN NAN

L10.Temp 96.543748 32.716721 2.951 0.003

L10.Prep. horaria 0.046694 0.010787 4.329 0.000

L10.Temp. prom aire 0.004647 0.004829 0.962 0.336

L11.Conduct -8.085711 17.306528 -0.467 0.640

L11.Water 774.861214 NAN NAN NAN

L11.Temp -30.308041 26.865642 -1.128 0.259

L11.Prep. horaria -0.010530 0.010720 -0.982 0.326

L11.Temp. prom aire -0.003410 0.004496 -0.758 0.448

L12.Conduct 4.091211 5.538977 0.739 0.460

L12.Water -121.561485 25.318075 -4.801 0.000

L12.Temp 4.193417 7.946338 0.528 0.598

L12.Prep. horaria 0.016727 0.009290 1.800 0.072

L12.Temp. prom aire 0.002074 0.002347 0.884 0.377

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.895708 0.086691 10.332 0.000

L1.Conduct -20.524905 22.294023 -0.921 0.357

L1.Water 149.178645 121.156580 1.231 0.218

L1.Temp 19.004282 31.440735 0.604 0.546

L1.Prep. horaria 0.063659 0.036700 1.735 0.083

L1.Temp. prom aire 1.635457 0.009269 176.452 0.000

L2.Conduct 47.278285 68.764653 0.688 0.492

L2.Water -928.039439 23.578867 -39.359 0.000

L2.Temp -111.205686 108.372956 -1.026 0.305

L2.Prep. horaria 0.022736 0.042322 0.537 0.591

L2.Temp. prom aire -0.752949 0.017771 -42.369 0.000

L3.Conduct -26.597470 90.046508 -0.295 0.768

L3.Water 2915.551067 NAN NAN NAN

L3.Temp 251.795605 144.090660 1.747 0.081

L3.Prep. horaria -0.003569 0.042700 -0.084 0.933

L3.Temp. prom aire 0.079642 0.019098 4.170 0.000

L4.Conduct -1.350461 90.655657 -0.015 0.988

L4.Water -6072.188982 NAN NAN NAN

L4.Temp -180.074454 126.282992 -1.426 0.154

L4.Prep. horaria -0.005858 0.042732 -0.137 0.891

L4.Temp. prom aire -0.039567 0.019113 -2.070 0.038

L5.Conduct -0.035229 90.745941 -0.000 1.000

L5.Water 9156.544791 3716.244343 2.464 0.014

L5.Temp -214.518073 200.867767 -1.068 0.286

L5.Prep. horaria -0.005004 0.042684 -0.117 0.907

L5.Temp. prom aire -0.017889 0.019116 -0.936 0.349

L6.Conduct 1.582323 90.821176 0.017 0.986

L6.Water -10466.196462 6790.073714 -1.541 0.123

L6.Temp 516.855056 298.889089 1.729 0.084

L6.Prep. horaria 0.023634 0.042674 0.554 0.580

L6.Temp. prom aire 0.015797 0.019114 0.826 0.409

L7.Conduct -10.237723 90.738931 -0.113 0.910

L7.Water 9337.039813 6394.992166 1.460 0.144

L7.Temp -490.986329 295.447719 -1.662 0.097

L7.Prep. horaria 0.019255 0.042648 0.451 0.652

L7.Temp. prom aire -0.039423 0.019117 -2.062 0.039

L8.Conduct 22.207426 90.644247 0.245 0.806

L8.Water -6631.231033 2154.621149 -3.078 0.002

L8.Temp 431.905928 183.950738 2.348 0.019

L8.Prep. horaria 0.032433 0.042670 0.760 0.447

L8.Temp. prom aire 0.017647 0.019121 0.923 0.356

L9.Conduct -30.568596 90.527420 -0.338 0.736

L9.Water 3940.264536 NAN NAN NAN

L9.Temp -294.360273 86.374783 -3.408 0.001

L9.Prep. horaria -0.026142 0.042665 -0.613 0.540

L9.Temp. prom aire 0.011819 0.019115 0.618 0.536

L10.Conduct 34.462134 90.121495 0.382 0.702

L10.Water -2084.339666 NAN NAN NAN

L10.Temp -84.444830 129.402948 -0.653 0.514

L10.Prep. horaria -0.038958 0.042663 -0.913 0.361

L10.Temp. prom aire -0.007022 0.019101 -0.368 0.713

L11.Conduct -20.405472 68.451717 -0.298 0.766

L11.Water 865.852263 NAN NAN NAN

L11.Temp 260.998894 106.260444 2.456 0.014

L11.Prep. horaria 0.004783 0.042400 0.113 0.910

L11.Temp. prom aire -0.058291 0.017784 -3.278 0.001

L12.Conduct 4.198789 21.908063 0.192 0.848

L12.Water -182.452615 100.139421 -1.822 0.068

L12.Temp -104.924841 31.429786 -3.338 0.001

L12.Prep. horaria 0.024255 0.036745 0.660 0.509

L12.Temp. prom aire 0.036225 0.009283 3.903 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.129028 0.089792 0.030588 -0.004830

Water 0.129028 1.000000 0.279298 0.008553 -0.006085

Temp 0.089792 0.279298 1.000000 0.003018 -0.006934

Prep. horaria 0.030588 0.008553 0.003018 1.000000 -0.022615

Temp. prom aire -0.004830 -0.006085 -0.006934 -0.022615 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -56.4812

Nobs: 11677.0 HQIC: -56.6090

Log likelihood: 248349. FPE: 2.43767e-25

AIC: -56.6736 Det(Omega\_mle): 2.37498e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000205 0.000053 3.861 0.000

L1.Conduct 4.195505 NAN NAN NAN

L1.Water 9.424794 NAN NAN NAN

L1.Temp -1.979171 NAN NAN NAN

L1.Prep. horaria -0.000004 0.000017 -0.219 0.827

L1.Temp. prom aire 0.000004 0.000004 0.824 0.410

L2.Conduct -6.648671 NAN NAN NAN

L2.Water -49.321410 NAN NAN NAN

L2.Temp 7.460076 NAN NAN NAN

L2.Prep. horaria 0.000028 0.000020 1.429 0.153

L2.Temp. prom aire -0.000011 0.000008 -1.319 0.187

L3.Conduct 4.439976 NAN NAN NAN

L3.Water 111.293152 NAN NAN NAN

L3.Temp -10.386171 NAN NAN NAN

L3.Prep. horaria -0.000071 0.000020 -3.552 0.000

L3.Temp. prom aire 0.000008 0.000009 0.874 0.382

L4.Conduct -0.417956 NAN NAN NAN

L4.Water -144.185266 NAN NAN NAN

L4.Temp 6.765908 NAN NAN NAN

L4.Prep. horaria 0.000057 0.000020 2.887 0.004

L4.Temp. prom aire -0.000000 0.000009 -0.047 0.962

L5.Conduct -0.756711 NAN NAN NAN

L5.Water 123.890324 NAN NAN NAN

L5.Temp -3.463298 NAN NAN NAN

L5.Prep. horaria -0.000010 0.000020 -0.499 0.618

L5.Temp. prom aire 0.000001 0.000009 0.060 0.952

L6.Conduct -0.029453 NAN NAN NAN

L6.Water -81.937270 NAN NAN NAN

L6.Temp 3.289216 NAN NAN NAN

L6.Prep. horaria 0.000025 0.000020 1.239 0.215

L6.Temp. prom aire 0.000004 0.000009 0.408 0.683

L7.Conduct 0.293840 NAN NAN NAN

L7.Water 49.482321 NAN NAN NAN

L7.Temp -2.437918 NAN NAN NAN

L7.Prep. horaria 0.000002 0.000020 0.124 0.901

L7.Temp. prom aire -0.000005 0.000009 -0.511 0.610

L8.Conduct 0.001771 NAN NAN NAN

L8.Water -29.547624 NAN NAN NAN

L8.Temp 1.156513 NAN NAN NAN

L8.Prep. horaria 0.000011 0.000020 0.569 0.569

L8.Temp. prom aire 0.000009 0.000009 1.029 0.304

L9.Conduct -0.095800 NAN NAN NAN

L9.Water 16.181486 NAN NAN NAN

L9.Temp -0.594596 NAN NAN NAN

L9.Prep. horaria 0.000014 0.000020 0.719 0.472

L9.Temp. prom aire -0.000017 0.000009 -1.888 0.059

L10.Conduct -0.044840 NAN NAN NAN

L10.Water -6.921058 NAN NAN NAN

L10.Temp 0.187342 NAN NAN NAN

L10.Prep. horaria -0.000024 0.000020 -1.222 0.222

L10.Temp. prom aire 0.000002 0.000009 0.259 0.796

L11.Conduct 0.093965 NAN NAN NAN

L11.Water 1.854904 NAN NAN NAN

L11.Temp -0.003371 NAN NAN NAN

L11.Prep. horaria -0.000019 0.000020 -0.986 0.324

L11.Temp. prom aire 0.000009 0.000008 1.047 0.295

L12.Conduct -0.031627 NAN NAN NAN

L12.Water -0.214353 NAN NAN NAN

L12.Temp 0.005467 NAN NAN NAN

L12.Prep. horaria 0.000037 0.000017 2.129 0.033

L12.Temp. prom aire -0.000004 0.000004 -0.896 0.370

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000008 0.000003 2.581 0.010

L1.Conduct 0.005146 NAN NAN NAN

L1.Water 5.512090 NAN NAN NAN

L1.Temp -0.097696 NAN NAN NAN

L1.Prep. horaria 0.000001 0.000001 1.012 0.312

L1.Temp. prom aire 0.000000 0.000000 0.223 0.823

L2.Conduct -0.024246 NAN NAN NAN

L2.Water -13.380487 NAN NAN NAN

L2.Temp 0.432810 NAN NAN NAN

L2.Prep. horaria -0.000002 0.000001 -1.560 0.119

L2.Temp. prom aire -0.000000 0.000001 -0.825 0.410

L3.Conduct 0.043914 NAN NAN NAN

L3.Water 19.230647 NAN NAN NAN

L3.Temp -0.789462 NAN NAN NAN

L3.Prep. horaria -0.000000 0.000001 -0.180 0.857

L3.Temp. prom aire 0.000001 0.000001 0.964 0.335

L4.Conduct -0.035592 NAN NAN NAN

L4.Water -19.006955 NAN NAN NAN

L4.Temp 0.804838 NAN NAN NAN

L4.Prep. horaria 0.000003 0.000001 2.325 0.020

L4.Temp. prom aire -0.000000 0.000001 -0.104 0.917

L5.Conduct 0.010066 NAN NAN NAN

L5.Water 14.644657 NAN NAN NAN

L5.Temp -0.583151 NAN NAN NAN

L5.Prep. horaria -0.000006 0.000001 -4.734 0.000

L5.Temp. prom aire -0.000000 0.000001 -0.563 0.573

L6.Conduct -0.002312 NAN NAN NAN

L6.Water -9.689783 NAN NAN NAN

L6.Temp 0.388679 NAN NAN NAN

L6.Prep. horaria 0.000001 0.000001 0.581 0.561

L6.Temp. prom aire 0.000000 0.000001 0.737 0.461

L7.Conduct 0.008228 NAN NAN NAN

L7.Water 5.663957 NAN NAN NAN

L7.Temp -0.239656 NAN NAN NAN

L7.Prep. horaria -0.000001 0.000001 -1.163 0.245

L7.Temp. prom aire -0.000000 0.000001 -0.353 0.724

L8.Conduct -0.004082 NAN NAN NAN

L8.Water -2.960574 NAN NAN NAN

L8.Temp 0.123708 NAN NAN NAN

L8.Prep. horaria -0.000001 0.000001 -0.646 0.519

L8.Temp. prom aire 0.000000 0.000001 0.679 0.497

L9.Conduct -0.006819 NAN NAN NAN

L9.Water 1.523857 NAN NAN NAN

L9.Temp -0.054029 NAN NAN NAN

L9.Prep. horaria 0.000004 0.000001 3.156 0.002

L9.Temp. prom aire -0.000001 0.000001 -1.603 0.109

L10.Conduct 0.009722 NAN NAN NAN

L10.Water -0.797269 NAN NAN NAN

L10.Temp 0.013375 NAN NAN NAN

L10.Prep. horaria -0.000001 0.000001 -0.909 0.364

L10.Temp. prom aire 0.000000 0.000001 0.503 0.615

L11.Conduct -0.005032 NAN NAN NAN

L11.Water 0.323057 NAN NAN NAN

L11.Temp 0.001728 NAN NAN NAN

L11.Prep. horaria -0.000005 0.000001 -4.162 0.000

L11.Temp. prom aire 0.000000 0.000001 0.781 0.435

L12.Conduct 0.001006 NAN NAN NAN

L12.Water -0.063198 NAN NAN NAN

L12.Temp -0.001145 NAN NAN NAN

L12.Prep. horaria 0.000003 0.000001 2.419 0.016

L12.Temp. prom aire -0.000000 0.000000 -0.807 0.420

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000033 0.000022 1.485 0.138

L1.Conduct -0.016693 NAN NAN NAN

L1.Water 0.455208 NAN NAN NAN

L1.Temp 3.171471 NAN NAN NAN

L1.Prep. horaria 0.000002 0.000007 0.313 0.754

L1.Temp. prom aire 0.000002 0.000002 1.155 0.248

L2.Conduct 0.058075 NAN NAN NAN

L2.Water -2.091552 NAN NAN NAN

L2.Temp -3.103026 NAN NAN NAN

L2.Prep. horaria 0.000000 0.000008 0.048 0.961

L2.Temp. prom aire -0.000006 0.000003 -1.699 0.089

L3.Conduct -0.067545 NAN NAN NAN

L3.Water 4.076525 NAN NAN NAN

L3.Temp 0.514475 NAN NAN NAN

L3.Prep. horaria 0.000002 0.000008 0.256 0.798

L3.Temp. prom aire 0.000003 0.000004 0.736 0.462

L4.Conduct 0.020663 NAN NAN NAN

L4.Water -4.629448 NAN NAN NAN

L4.Temp 0.431172 NAN NAN NAN

L4.Prep. horaria 0.000001 0.000008 0.081 0.935

L4.Temp. prom aire 0.000002 0.000004 0.603 0.546

L5.Conduct 0.011346 NAN NAN NAN

L5.Water 3.806241 NAN NAN NAN

L5.Temp -0.039899 NAN NAN NAN

L5.Prep. horaria 0.000000 0.000008 0.052 0.959

L5.Temp. prom aire -0.000002 0.000004 -0.493 0.622

L6.Conduct -0.006137 NAN NAN NAN

L6.Water -2.681388 NAN NAN NAN

L6.Temp 0.162776 NAN NAN NAN

L6.Prep. horaria 0.000002 0.000008 0.283 0.777

L6.Temp. prom aire 0.000005 0.000004 1.334 0.182

L7.Conduct 0.004025 NAN NAN NAN

L7.Water 1.561299 NAN NAN NAN

L7.Temp -0.072327 NAN NAN NAN

L7.Prep. horaria 0.000001 0.000008 0.070 0.945

L7.Temp. prom aire -0.000006 0.000004 -1.490 0.136

L8.Conduct -0.003564 NAN NAN NAN

L8.Water -0.630508 NAN NAN NAN

L8.Temp 0.002952 NAN NAN NAN

L8.Prep. horaria 0.000001 0.000008 0.084 0.933

L8.Temp. prom aire 0.000003 0.000004 0.885 0.376

L9.Conduct -0.010435 NAN NAN NAN

L9.Water 0.137827 NAN NAN NAN

L9.Temp -0.057754 NAN NAN NAN

L9.Prep. horaria 0.000001 0.000008 0.061 0.951

L9.Temp. prom aire -0.000004 0.000004 -0.980 0.327

L10.Conduct 0.023579 NAN NAN NAN

L10.Water 0.005660 NAN NAN NAN

L10.Temp -0.149619 NAN NAN NAN

L10.Prep. horaria -0.000001 0.000008 -0.159 0.874

L10.Temp. prom aire 0.000000 0.000004 0.021 0.983

L11.Conduct -0.018894 NAN NAN NAN

L11.Water -0.009218 NAN NAN NAN

L11.Temp 0.187795 NAN NAN NAN

L11.Prep. horaria -0.000001 0.000008 -0.121 0.904

L11.Temp. prom aire 0.000002 0.000003 0.525 0.600

L12.Conduct 0.005579 NAN NAN NAN

L12.Water -0.000647 NAN NAN NAN

L12.Temp -0.048016 NAN NAN NAN

L12.Prep. horaria -0.000002 0.000007 -0.271 0.786

L12.Temp. prom aire -0.000001 0.000002 -0.561 0.575

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.081178 0.028471 -2.851 0.004

L1.Conduct 19.848785 NAN NAN NAN

L1.Water -101.602559 NAN NAN NAN

L1.Temp -21.735729 NAN NAN NAN

L1.Prep. horaria 0.573050 0.009280 61.750 0.000

L1.Temp. prom aire -0.002702 0.002341 -1.154 0.248

L2.Conduct -76.227151 NAN NAN NAN

L2.Water 125.733015 NAN NAN NAN

L2.Temp 96.920378 NAN NAN NAN

L2.Prep. horaria 0.147176 0.010694 13.763 0.000

L2.Temp. prom aire 0.007576 0.004492 1.686 0.092

L3.Conduct 98.128437 NAN NAN NAN

L3.Water 1079.934328 NAN NAN NAN

L3.Temp -175.630330 NAN NAN NAN

L3.Prep. horaria 0.005801 0.010681 0.543 0.587

L3.Temp. prom aire -0.004964 0.004828 -1.028 0.304

L4.Conduct -27.047834 NAN NAN NAN

L4.Water -3977.440470 NAN NAN NAN

L4.Temp 190.774094 NAN NAN NAN

L4.Prep. horaria -0.027447 0.010615 -2.586 0.010

L4.Temp. prom aire 0.001926 0.004832 0.399 0.690

L5.Conduct -38.468993 NAN NAN NAN

L5.Water 6356.005094 NAN NAN NAN

L5.Temp -191.838375 NAN NAN NAN

L5.Prep. horaria -0.001305 0.010658 -0.122 0.903

L5.Temp. prom aire -0.003788 0.004831 -0.784 0.433

L6.Conduct 16.214182 NAN NAN NAN

L6.Water -6000.196619 NAN NAN NAN

L6.Temp 210.977971 NAN NAN NAN

L6.Prep. horaria 0.009072 0.010713 0.847 0.397

L6.Temp. prom aire 0.004892 0.004830 1.013 0.311

L7.Conduct 33.419102 NAN NAN NAN

L7.Water 3724.849384 NAN NAN NAN

L7.Temp -197.377565 NAN NAN NAN

L7.Prep. horaria 0.032771 0.010659 3.075 0.002

L7.Temp. prom aire -0.003659 0.004831 -0.757 0.449

L8.Conduct -48.073929 NAN NAN NAN

L8.Water -1750.859156 NAN NAN NAN

L8.Temp 144.806062 NAN NAN NAN

L8.Prep. horaria -0.040413 0.010755 -3.757 0.000

L8.Temp. prom aire 0.003092 0.004832 0.640 0.522

L9.Conduct 22.385038 NAN NAN NAN

L9.Water 1067.444437 NAN NAN NAN

L9.Temp -78.239051 NAN NAN NAN

L9.Prep. horaria 0.031427 0.010774 2.917 0.004

L9.Temp. prom aire -0.003780 0.004832 -0.782 0.434

L10.Conduct 13.768814 NAN NAN NAN

L10.Water -980.039784 NAN NAN NAN

L10.Temp 20.337417 NAN NAN NAN

L10.Prep. horaria 0.045740 0.010750 4.255 0.000

L10.Temp. prom aire 0.004487 0.004829 0.929 0.353

L11.Conduct -20.430028 NAN NAN NAN

L11.Water 607.853254 NAN NAN NAN

L11.Temp 3.165827 NAN NAN NAN

L11.Prep. horaria -0.009488 0.010594 -0.896 0.370

L11.Temp. prom aire -0.003272 0.004494 -0.728 0.467

L12.Conduct 6.483263 NAN NAN NAN

L12.Water -151.676012 NAN NAN NAN

L12.Temp -2.160928 NAN NAN NAN

L12.Prep. horaria 0.019131 0.009231 2.072 0.038

L12.Temp. prom aire 0.001862 0.002342 0.795 0.427

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.217809 0.112768 10.799 0.000

L1.Conduct -0.260511 NAN NAN NAN

L1.Water 105.465262 NAN NAN NAN

L1.Temp 9.833954 NAN NAN NAN

L1.Prep. horaria 0.054740 0.036756 1.489 0.136

L1.Temp. prom aire 1.638031 0.009272 176.673 0.000

L2.Conduct 0.296413 NAN NAN NAN

L2.Water -785.512541 NAN NAN NAN

L2.Temp -142.417417 NAN NAN NAN

L2.Prep. horaria 0.021508 0.042355 0.508 0.612

L2.Temp. prom aire -0.754777 0.017793 -42.421 0.000

L3.Conduct -11.975720 NAN NAN NAN

L3.Water 2883.609383 NAN NAN NAN

L3.Temp 414.415929 NAN NAN NAN

L3.Prep. horaria -0.009073 0.042307 -0.214 0.830

L3.Temp. prom aire 0.079885 0.019122 4.178 0.000

L4.Conduct 34.646623 NAN NAN NAN

L4.Water -6175.941023 NAN NAN NAN

L4.Temp -366.996141 NAN NAN NAN

L4.Prep. horaria -0.010387 0.042042 -0.247 0.805

L4.Temp. prom aire -0.039687 0.019137 -2.074 0.038

L5.Conduct -26.178982 NAN NAN NAN

L5.Water 7943.773943 NAN NAN NAN

L5.Temp -121.944848 NAN NAN NAN

L5.Prep. horaria -0.005930 0.042212 -0.140 0.888

L5.Temp. prom aire -0.018027 0.019136 -0.942 0.346

L6.Conduct 2.621313 NAN NAN NAN

L6.Water -6216.220129 NAN NAN NAN

L6.Temp 399.098503 NAN NAN NAN

L6.Prep. horaria 0.023232 0.042430 0.548 0.584

L6.Temp. prom aire 0.015640 0.019130 0.818 0.414

L7.Conduct -28.139165 NAN NAN NAN

L7.Water 3121.254691 NAN NAN NAN

L7.Temp -300.165694 NAN NAN NAN

L7.Prep. horaria 0.018251 0.042216 0.432 0.666

L7.Temp. prom aire -0.039364 0.019133 -2.057 0.040

L8.Conduct 79.731386 NAN NAN NAN

L8.Water -1158.042025 NAN NAN NAN

L8.Temp 196.956641 NAN NAN NAN

L8.Prep. horaria 0.031652 0.042600 0.743 0.457

L8.Temp. prom aire 0.018447 0.019139 0.964 0.335

L9.Conduct -109.660410 NAN NAN NAN

L9.Water 203.625267 NAN NAN NAN

L9.Temp 4.609951 NAN NAN NAN

L9.Prep. horaria -0.025654 0.042674 -0.601 0.548

L9.Temp. prom aire 0.011863 0.019137 0.620 0.535

L10.Conduct 104.478419 NAN NAN NAN

L10.Water 199.191895 NAN NAN NAN

L10.Temp -358.310862 NAN NAN NAN

L10.Prep. horaria -0.040017 0.042580 -0.940 0.347

L10.Temp. prom aire -0.007135 0.019125 -0.373 0.709

L11.Conduct -60.132249 NAN NAN NAN

L11.Water -143.377683 NAN NAN NAN

L11.Temp 402.141418 NAN NAN NAN

L11.Prep. horaria 0.004046 0.041959 0.096 0.923

L11.Temp. prom aire -0.059082 0.017799 -3.319 0.001

L12.Conduct 14.573302 NAN NAN NAN

L12.Water 22.152346 NAN NAN NAN

L12.Temp -137.170028 NAN NAN NAN

L12.Prep. horaria 0.021774 0.036564 0.596 0.551

L12.Temp. prom aire 0.037599 0.009278 4.053 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.561509 0.592226 0.037636 -0.009479

Water 0.561509 1.000000 0.221159 0.048481 -0.015127

Temp 0.592226 0.221159 1.000000 0.004010 -0.008278

Prep. horaria 0.037636 0.048481 0.004010 1.000000 -0.024728

Temp. prom aire -0.009479 -0.015127 -0.008278 -0.024728 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.5811

Nobs: 11676.0 HQIC: -53.7089

Log likelihood: 231397. FPE: 4.43051e-24

AIC: -53.7735 Det(Omega\_mle): 4.31657e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000079 0.000027 2.885 0.004

L1.Conduct 3.528142 0.009999 352.862 0.000

L1.Water 2.453973 0.047940 51.189 0.000

L1.Temp 0.052928 0.010930 4.842 0.000

L1.Prep. horaria 0.000006 0.000013 0.476 0.634

L1.Temp. prom aire 0.000000 0.000003 0.077 0.939

L2.Conduct -4.451688 0.036563 -121.754 0.000

L2.Water -10.726204 0.228678 -46.905 0.000

L2.Temp -0.294738 0.038973 -7.563 0.000

L2.Prep. horaria -0.000069 0.000015 -4.518 0.000

L2.Temp. prom aire 0.000000 0.000006 0.019 0.984

L3.Conduct 2.093166 0.057304 36.527 0.000

L3.Water 19.169542 0.492165 38.949 0.000

L3.Temp 0.699495 0.059276 11.801 0.000

L3.Prep. horaria 0.000080 0.000015 5.227 0.000

L3.Temp. prom aire 0.000002 0.000007 0.290 0.772

L4.Conduct 0.049025 0.060836 0.806 0.420

L4.Water -18.356820 0.671359 -27.343 0.000

L4.Temp -0.905463 0.064258 -14.091 0.000

L4.Prep. horaria -0.000018 0.000015 -1.180 0.238

L4.Temp. prom aire -0.000001 0.000007 -0.078 0.938

L5.Conduct -0.200511 0.060773 -3.299 0.001

L5.Water 11.503079 0.718707 16.005 0.000

L5.Temp 0.699270 0.065432 10.687 0.000

L5.Prep. horaria -0.000009 0.000015 -0.573 0.566

L5.Temp. prom aire -0.000005 0.000007 -0.765 0.444

L6.Conduct -0.007384 0.060759 -0.122 0.903

L6.Water -7.282717 0.714170 -10.197 0.000

L6.Temp -0.386875 0.065382 -5.917 0.000

L6.Prep. horaria 0.000007 0.000015 0.443 0.658

L6.Temp. prom aire 0.000007 0.000007 1.033 0.302

L7.Conduct -0.027747 0.060753 -0.457 0.648

L7.Water 5.683937 0.716987 7.928 0.000

L7.Temp 0.253728 0.065617 3.867 0.000

L7.Prep. horaria 0.000018 0.000015 1.184 0.236

L7.Temp. prom aire -0.000002 0.000007 -0.321 0.748

L8.Conduct 0.009484 0.060658 0.156 0.876

L8.Water -3.670518 0.726897 -5.050 0.000

L8.Temp -0.195770 0.065705 -2.980 0.003

L8.Prep. horaria 0.000010 0.000015 0.660 0.509

L8.Temp. prom aire -0.000007 0.000007 -1.050 0.294

L9.Conduct 0.006674 0.060622 0.110 0.912

L9.Water 1.779295 0.682703 2.606 0.009

L9.Temp 0.102714 0.063204 1.625 0.104

L9.Prep. horaria 0.000004 0.000015 0.287 0.774

L9.Temp. prom aire 0.000007 0.000007 0.980 0.327

L10.Conduct 0.015241 0.056629 0.269 0.788

L10.Water -0.821011 0.497285 -1.651 0.099

L10.Temp -0.029389 0.057014 -0.515 0.606

L10.Prep. horaria -0.000015 0.000015 -0.967 0.334

L10.Temp. prom aire 0.000003 0.000007 0.419 0.675

L11.Conduct -0.027880 0.035338 -0.789 0.430

L11.Water 0.341223 0.225362 1.514 0.130

L11.Temp 0.004724 0.037606 0.126 0.900

L11.Prep. horaria -0.000015 0.000015 -0.963 0.335

L11.Temp. prom aire -0.000005 0.000006 -0.800 0.424

L12.Conduct 0.013471 0.009431 1.428 0.153

L12.Water -0.073774 0.045474 -1.622 0.105

L12.Temp -0.000627 0.010640 -0.059 0.953

L12.Prep. horaria -0.000006 0.000013 -0.465 0.642

L12.Temp. prom aire 0.000002 0.000003 0.495 0.621

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000002 0.000006 0.437 0.662

L1.Conduct 0.014312 0.002046 6.994 0.000

L1.Water 4.880061 0.009812 497.353 0.000

L1.Temp 0.069060 0.002237 30.870 0.000

L1.Prep. horaria 0.000005 0.000003 1.663 0.096

L1.Temp. prom aire -0.000000 0.000001 -0.193 0.847

L2.Conduct -0.048085 0.007484 -6.425 0.000

L2.Water -10.086637 0.046805 -215.505 0.000

L2.Temp -0.306401 0.007977 -38.411 0.000

L2.Prep. horaria -0.000004 0.000003 -1.296 0.195

L2.Temp. prom aire 0.000000 0.000001 0.122 0.903

L3.Conduct 0.055086 0.011729 4.697 0.000

L3.Water 11.713662 0.100734 116.283 0.000

L3.Temp 0.540093 0.012132 44.517 0.000

L3.Prep. horaria 0.000001 0.000003 0.346 0.729

L3.Temp. prom aire 0.000000 0.000001 0.215 0.830

L4.Conduct -0.018139 0.012452 -1.457 0.145

L4.Water -8.857467 0.137411 -64.460 0.000

L4.Temp -0.488140 0.013152 -37.115 0.000

L4.Prep. horaria -0.000001 0.000003 -0.192 0.848

L4.Temp. prom aire 0.000000 0.000001 0.004 0.997

L5.Conduct -0.007483 0.012439 -0.602 0.547

L5.Water 5.132084 0.147102 34.888 0.000

L5.Temp 0.266725 0.013392 19.916 0.000

L5.Prep. horaria -0.000001 0.000003 -0.453 0.651

L5.Temp. prom aire -0.000000 0.000001 -0.187 0.851

L6.Conduct 0.003704 0.012436 0.298 0.766

L6.Water -2.672966 0.146173 -18.286 0.000

L6.Temp -0.127132 0.013382 -9.500 0.000

L6.Prep. horaria -0.000003 0.000003 -0.965 0.335

L6.Temp. prom aire 0.000000 0.000001 0.320 0.749

L7.Conduct -0.000496 0.012435 -0.040 0.968

L7.Water 1.327585 0.146750 9.047 0.000

L7.Temp 0.067904 0.013430 5.056 0.000

L7.Prep. horaria -0.000002 0.000003 -0.717 0.474

L7.Temp. prom aire -0.000001 0.000001 -0.984 0.325

L8.Conduct 0.000645 0.012415 0.052 0.959

L8.Water -0.708773 0.148778 -4.764 0.000

L8.Temp -0.037435 0.013448 -2.784 0.005

L8.Prep. horaria -0.000001 0.000003 -0.257 0.797

L8.Temp. prom aire 0.000001 0.000001 0.651 0.515

L9.Conduct 0.000439 0.012408 0.035 0.972

L9.Water 0.470460 0.139733 3.367 0.001

L9.Temp 0.025527 0.012936 1.973 0.048

L9.Prep. horaria 0.000001 0.000003 0.324 0.746

L9.Temp. prom aire 0.000002 0.000001 1.230 0.219

L10.Conduct 0.004074 0.011591 0.351 0.725

L10.Water -0.314355 0.101782 -3.089 0.002

L10.Temp -0.010543 0.011669 -0.903 0.366

L10.Prep. horaria -0.000006 0.000003 -1.853 0.064

L10.Temp. prom aire -0.000003 0.000001 -2.093 0.036

L11.Conduct -0.006509 0.007233 -0.900 0.368

L11.Water 0.149609 0.046126 3.243 0.001

L11.Temp -0.000936 0.007697 -0.122 0.903

L11.Prep. horaria -0.000009 0.000003 -2.830 0.005

L11.Temp. prom aire 0.000001 0.000001 1.042 0.298

L12.Conduct 0.002452 0.001930 1.270 0.204

L12.Water -0.033263 0.009307 -3.574 0.000

L12.Temp 0.001278 0.002178 0.587 0.557

L12.Prep. horaria -0.000002 0.000003 -0.767 0.443

L12.Temp. prom aire 0.000000 0.000001 0.205 0.838

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000037 0.000024 1.552 0.121

L1.Conduct -0.058778 0.008822 -6.662 0.000

L1.Water 0.774034 0.042300 18.299 0.000

L1.Temp 3.348996 0.009644 347.249 0.000

L1.Prep. horaria -0.000003 0.000012 -0.299 0.765

L1.Temp. prom aire -0.000005 0.000003 -1.648 0.099

L2.Conduct 0.171630 0.032262 5.320 0.000

L2.Water -3.338235 0.201776 -16.544 0.000

L2.Temp -3.682057 0.034388 -107.073 0.000

L2.Prep. horaria -0.000001 0.000013 -0.054 0.957

L2.Temp. prom aire 0.000004 0.000006 0.688 0.492

L3.Conduct -0.143165 0.050563 -2.831 0.005

L3.Water 5.747579 0.434268 13.235 0.000

L3.Temp 1.141254 0.052303 21.820 0.000

L3.Prep. horaria 0.000000 0.000014 0.034 0.973

L3.Temp. prom aire 0.000004 0.000006 0.617 0.537

L4.Conduct -0.004250 0.053679 -0.079 0.937

L4.Water -5.122615 0.592381 -8.647 0.000

L4.Temp 0.110952 0.056699 1.957 0.050

L4.Prep. horaria 0.000006 0.000014 0.430 0.667

L4.Temp. prom aire -0.000003 0.000006 -0.577 0.564

L5.Conduct 0.030962 0.053624 0.577 0.564

L5.Water 2.858663 0.634159 4.508 0.000

L5.Temp 0.247204 0.057735 4.282 0.000

L5.Prep. horaria 0.000004 0.000014 0.267 0.789

L5.Temp. prom aire 0.000007 0.000006 1.236 0.216

L6.Conduct 0.012085 0.053611 0.225 0.822

L6.Water -1.460446 0.630156 -2.318 0.020

L6.Temp -0.085998 0.057691 -1.491 0.136

L6.Prep. horaria 0.000001 0.000014 0.080 0.936

L6.Temp. prom aire -0.000009 0.000006 -1.457 0.145

L7.Conduct 0.001073 0.053606 0.020 0.984

L7.Water 0.707988 0.632642 1.119 0.263

L7.Temp -0.015102 0.057898 -0.261 0.794

L7.Prep. horaria 0.000003 0.000014 0.252 0.801

L7.Temp. prom aire 0.000006 0.000006 1.024 0.306

L8.Conduct -0.009357 0.053522 -0.175 0.861

L8.Water -0.251143 0.641386 -0.392 0.695

L8.Temp -0.051051 0.057976 -0.881 0.379

L8.Prep. horaria 0.000003 0.000014 0.250 0.803

L8.Temp. prom aire -0.000007 0.000006 -1.121 0.262

L9.Conduct -0.008431 0.053491 -0.158 0.875

L9.Water 0.224283 0.602391 0.372 0.710

L9.Temp -0.033418 0.055769 -0.599 0.549

L9.Prep. horaria 0.000001 0.000014 0.100 0.921

L9.Temp. prom aire -0.000000 0.000006 -0.016 0.988

L10.Conduct 0.017902 0.049968 0.358 0.720

L10.Water -0.187805 0.438785 -0.428 0.669

L10.Temp -0.083184 0.050307 -1.654 0.098

L10.Prep. horaria -0.000001 0.000014 -0.078 0.938

L10.Temp. prom aire 0.000005 0.000006 0.878 0.380

L11.Conduct -0.015281 0.031181 -0.490 0.624

L11.Water 0.040724 0.198850 0.205 0.838

L11.Temp 0.152243 0.033182 4.588 0.000

L11.Prep. horaria 0.000000 0.000013 0.002 0.998

L11.Temp. prom aire -0.000006 0.000006 -1.089 0.276

L12.Conduct 0.005611 0.008321 0.674 0.500

L12.Water 0.006973 0.040125 0.174 0.862

L12.Temp -0.049841 0.009388 -5.309 0.000

L12.Prep. horaria 0.000008 0.000012 0.684 0.494

L12.Temp. prom aire 0.000003 0.000003 0.997 0.319

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.065100 0.019123 -3.404 0.001

L1.Conduct -2.817812 7.013433 -0.402 0.688

L1.Water 97.520942 33.626659 2.900 0.004

L1.Temp 4.584935 7.666839 0.598 0.550

L1.Prep. horaria 0.567213 0.009274 61.164 0.000

L1.Temp. prom aire -0.002682 0.002336 -1.148 0.251

L2.Conduct 2.223688 25.646737 0.087 0.931

L2.Water -379.271148 160.403206 -2.364 0.018

L2.Temp -17.969030 27.337087 -0.657 0.511

L2.Prep. horaria 0.143208 0.010666 13.427 0.000

L2.Temp. prom aire 0.007780 0.004481 1.736 0.083

L3.Conduct 8.974311 40.195149 0.223 0.823

L3.Water 583.952296 345.223764 1.692 0.091

L3.Temp 26.556927 41.578555 0.639 0.523

L3.Prep. horaria 0.007016 0.010748 0.653 0.514

L3.Temp. prom aire -0.005149 0.004815 -1.069 0.285

L4.Conduct -16.512398 42.672606 -0.387 0.699

L4.Water -451.313055 470.917058 -0.958 0.338

L4.Temp -20.432149 45.073029 -0.453 0.650

L4.Prep. horaria -0.028416 0.010758 -2.641 0.008

L4.Temp. prom aire 0.002057 0.004819 0.427 0.670

L5.Conduct 11.098296 42.628508 0.260 0.795

L5.Water 217.290838 504.128810 0.431 0.666

L5.Temp 12.847888 45.896781 0.280 0.780

L5.Prep. horaria -0.002332 0.010754 -0.217 0.828

L5.Temp. prom aire -0.004014 0.004820 -0.833 0.405

L6.Conduct -4.546339 42.618720 -0.107 0.915

L6.Water -137.989827 500.946518 -0.275 0.783

L6.Temp -8.578979 45.861414 -0.187 0.852

L6.Prep. horaria 0.009323 0.010747 0.868 0.386

L6.Temp. prom aire 0.004927 0.004820 1.022 0.307

L7.Conduct -2.288028 42.614793 -0.054 0.957

L7.Water 183.748788 502.922339 0.365 0.715

L7.Temp 11.792671 46.026528 0.256 0.798

L7.Prep. horaria 0.036035 0.010747 3.353 0.001

L7.Temp. prom aire -0.003575 0.004820 -0.742 0.458

L8.Conduct 24.424474 42.547781 0.574 0.566

L8.Water -401.211005 509.873606 -0.787 0.431

L8.Temp -32.970286 46.088181 -0.715 0.474

L8.Prep. horaria -0.041261 0.010751 -3.838 0.000

L8.Temp. prom aire 0.003208 0.004820 0.666 0.506

L9.Conduct -24.853250 42.522746 -0.584 0.559

L9.Water 707.135471 478.874222 1.477 0.140

L9.Temp 46.111903 44.333919 1.040 0.298

L9.Prep. horaria 0.030886 0.010754 2.872 0.004

L9.Temp. prom aire -0.003665 0.004819 -0.760 0.447

L10.Conduct -22.404743 39.722000 -0.564 0.573

L10.Water -709.401258 348.814854 -2.034 0.042

L10.Temp -26.856940 39.991634 -0.672 0.502

L10.Prep. horaria 0.046039 0.010755 4.281 0.000

L10.Temp. prom aire 0.004016 0.004816 0.834 0.404

L11.Conduct 42.386112 24.787579 1.710 0.087

L11.Water 366.546294 158.077291 2.319 0.020

L11.Temp 3.549859 26.378445 0.135 0.893

L11.Prep. horaria -0.009128 0.010682 -0.855 0.393

L11.Temp. prom aire -0.002937 0.004483 -0.655 0.512

L12.Conduct -15.684404 6.615072 -2.371 0.018

L12.Water -77.005372 31.897370 -2.414 0.016

L12.Temp 1.363810 7.463119 0.183 0.855

L12.Prep. horaria 0.023853 0.009291 2.567 0.010

L12.Temp. prom aire 0.001800 0.002338 0.770 0.441

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.658986 0.075896 8.683 0.000

L1.Conduct -0.242331 27.835207 -0.009 0.993

L1.Water 1.011745 133.458884 0.008 0.994

L1.Temp -14.204141 30.428472 -0.467 0.641

L1.Prep. horaria 0.056193 0.036805 1.527 0.127

L1.Temp. prom aire 1.636293 0.009273 176.460 0.000

L2.Conduct -8.566267 101.787839 -0.084 0.933

L2.Water -3.539630 636.614931 -0.006 0.996

L2.Temp 88.546082 108.496571 0.816 0.414

L2.Prep. horaria 0.018990 0.042331 0.449 0.654

L2.Temp. prom aire -0.753989 0.017785 -42.394 0.000

L3.Conduct 26.618088 159.528184 0.167 0.867

L3.Water 96.339153 1370.138463 0.070 0.944

L3.Temp -225.349620 165.018704 -1.366 0.172

L3.Prep. horaria -0.006813 0.042656 -0.160 0.873

L3.Temp. prom aire 0.080235 0.019112 4.198 0.000

L4.Conduct -30.284534 169.360819 -0.179 0.858

L4.Water -263.848057 1868.995245 -0.141 0.888

L4.Temp 342.611762 178.887718 1.915 0.055

L4.Prep. horaria -0.008015 0.042696 -0.188 0.851

L4.Temp. prom aire -0.039822 0.019126 -2.082 0.037

L5.Conduct 9.407635 169.185799 0.056 0.956

L5.Water 69.536192 2000.807433 0.035 0.972

L5.Temp -341.213344 182.157059 -1.873 0.061

L5.Prep. horaria -0.005898 0.042681 -0.138 0.890

L5.Temp. prom aire -0.017624 0.019128 -0.921 0.357

L6.Conduct 20.791438 169.146952 0.123 0.902

L6.Water 668.360731 1988.177421 0.336 0.737

L6.Temp 180.180569 182.016690 0.990 0.322

L6.Prep. horaria 0.022611 0.042652 0.530 0.596

L6.Temp. prom aire 0.015357 0.019128 0.803 0.422

L7.Conduct -16.506795 169.131368 -0.098 0.922

L7.Water -1445.226481 1996.019139 -0.724 0.469

L7.Temp 22.323361 182.672004 0.122 0.903

L7.Prep. horaria 0.019605 0.042652 0.460 0.646

L7.Temp. prom aire -0.040648 0.019131 -2.125 0.034

L8.Conduct -37.433035 168.865406 -0.222 0.825

L8.Water 1774.591595 2023.607617 0.877 0.381

L8.Temp -64.853921 182.916694 -0.355 0.723

L8.Prep. horaria 0.032760 0.042669 0.768 0.443

L8.Temp. prom aire 0.019564 0.019130 1.023 0.306

L9.Conduct 73.220576 168.766047 0.434 0.664

L9.Water -1438.933174 1900.575971 -0.757 0.449

L9.Temp 41.625069 175.954304 0.237 0.813

L9.Prep. horaria -0.025619 0.042682 -0.600 0.548

L9.Temp. prom aire 0.010716 0.019127 0.560 0.575

L10.Conduct -52.950530 157.650328 -0.336 0.737

L10.Water 660.038768 1384.390930 0.477 0.634

L10.Temp -150.966857 158.720464 -0.951 0.342

L10.Prep. horaria -0.038526 0.042687 -0.903 0.367

L10.Temp. prom aire -0.006171 0.019114 -0.323 0.747

L11.Conduct 18.950844 98.377978 0.193 0.847

L11.Water -103.968554 627.383742 -0.166 0.868

L11.Temp 194.260669 104.691873 1.856 0.064

L11.Prep. horaria 0.004143 0.042394 0.098 0.922

L11.Temp. prom aire -0.058988 0.017792 -3.315 0.001

L12.Conduct -3.000415 26.254175 -0.114 0.909

L12.Water -14.369633 126.595611 -0.114 0.910

L12.Temp -72.908362 29.619938 -2.461 0.014

L12.Prep. horaria 0.026695 0.036876 0.724 0.469

L12.Temp. prom aire 0.036309 0.009281 3.912 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.350074 0.050163 -0.002547 0.001388

Water 0.350074 1.000000 -0.256913 0.010060 0.004191

Temp 0.050163 -0.256913 1.000000 -0.002426 0.007194

Prep. horaria -0.002547 0.010060 -0.002426 1.000000 -0.024040

Temp. prom aire 0.001388 0.004191 0.007194 -0.024040 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.0575

Nobs: 11677.0 HQIC: -53.1853

Log likelihood: 228360. FPE: 7.47934e-24

AIC: -53.2499 Det(Omega\_mle): 7.28701e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000231 0.000071 3.261 0.001

L1.Conduct 2.946839 0.009383 314.069 0.000

L1.Water 5.189160 0.207301 25.032 0.000

L1.Temp 0.218659 0.034963 6.254 0.000

L1.Prep. horaria -0.000046 0.000034 -1.367 0.172

L1.Temp. prom aire -0.000002 0.000008 -0.246 0.806

L2.Conduct -2.634141 0.029223 -90.141 0.000

L2.Water -22.233642 1.030164 -21.583 0.000

L2.Temp -1.026283 0.133349 -7.696 0.000

L2.Prep. horaria 0.000195 0.000039 5.038 0.000

L2.Temp. prom aire -0.000000 0.000016 -0.002 0.999

L3.Conduct 0.362246 0.038262 9.468 0.000

L3.Water 38.892632 2.299677 16.912 0.000

L3.Temp 2.107884 0.224338 9.396 0.000

L3.Prep. horaria -0.000144 0.000039 -3.687 0.000

L3.Temp. prom aire -0.000002 0.000017 -0.099 0.921

L4.Conduct 0.339804 0.037345 9.099 0.000

L4.Water -34.608735 3.222337 -10.740 0.000

L4.Temp -2.091896 0.265445 -7.881 0.000

L4.Prep. horaria 0.000013 0.000039 0.329 0.742

L4.Temp. prom aire -0.000001 0.000017 -0.069 0.945

L5.Conduct -0.053346 0.036509 -1.461 0.144

L5.Water 6.227868 3.506043 1.776 0.076

L5.Temp -0.086667 0.278606 -0.311 0.756

L5.Prep. horaria 0.000030 0.000039 0.778 0.437

L5.Temp. prom aire 0.000017 0.000017 0.977 0.328

L6.Conduct 0.044857 0.036519 1.228 0.219

L6.Water 38.505712 3.498540 11.006 0.000

L6.Temp 3.007549 0.278563 10.797 0.000

L6.Prep. horaria 0.000043 0.000039 1.096 0.273

L6.Temp. prom aire -0.000017 0.000017 -0.972 0.331

L7.Conduct 0.054922 0.036310 1.513 0.130

L7.Water -73.346653 3.504854 -20.927 0.000

L7.Temp -4.176106 0.279651 -14.933 0.000

L7.Prep. horaria 0.000037 0.000039 0.960 0.337

L7.Temp. prom aire -0.000004 0.000017 -0.223 0.823

L8.Conduct -0.029311 0.036174 -0.810 0.418

L8.Water 63.263129 3.595430 17.595 0.000

L8.Temp 3.401727 0.281668 12.077 0.000

L8.Prep. horaria 0.000022 0.000039 0.574 0.566

L8.Temp. prom aire 0.000019 0.000017 1.090 0.276

L9.Conduct -0.024182 0.036106 -0.670 0.503

L9.Water -22.819489 3.398228 -6.715 0.000

L9.Temp -1.727803 0.265119 -6.517 0.000

L9.Prep. horaria 0.000008 0.000039 0.207 0.836

L9.Temp. prom aire -0.000002 0.000017 -0.129 0.898

L10.Conduct -0.021016 0.035827 -0.587 0.557

L10.Water -1.859971 2.440273 -0.762 0.446

L10.Temp 0.082039 0.218416 0.376 0.707

L10.Prep. horaria 0.000014 0.000039 0.359 0.720

L10.Temp. prom aire -0.000028 0.000017 -1.614 0.106

L11.Conduct 0.007059 0.026959 0.262 0.793

L11.Water 3.323764 1.079840 3.078 0.002

L11.Temp 0.475977 0.129197 3.684 0.000

L11.Prep. horaria 0.000022 0.000039 0.567 0.571

L11.Temp. prom aire 0.000026 0.000016 1.626 0.104

L12.Conduct 0.006265 0.008549 0.733 0.464

L12.Water -0.533778 0.212080 -2.517 0.012

L12.Temp -0.185088 0.034086 -5.430 0.000

L12.Prep. horaria 0.000028 0.000034 0.832 0.405

L12.Temp. prom aire -0.000007 0.000009 -0.863 0.388

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000003 0.000003 0.888 0.375

L1.Conduct 0.003914 0.000450 8.689 0.000

L1.Water 4.803719 0.009953 482.631 0.000

L1.Temp 0.073729 0.001679 43.921 0.000

L1.Prep. horaria 0.000002 0.000002 1.373 0.170

L1.Temp. prom aire 0.000000 0.000000 0.222 0.824

L2.Conduct -0.008626 0.001403 -6.148 0.000

L2.Water -9.659716 0.049462 -195.298 0.000

L2.Temp -0.328186 0.006403 -51.259 0.000

L2.Prep. horaria 0.000001 0.000002 0.772 0.440

L2.Temp. prom aire 0.000000 0.000001 0.472 0.637

L3.Conduct 0.003780 0.001837 2.058 0.040

L3.Water 10.729317 0.110415 97.173 0.000

L3.Temp 0.580691 0.010771 53.911 0.000

L3.Prep. horaria -0.000002 0.000002 -1.046 0.295

L3.Temp. prom aire -0.000001 0.000001 -0.807 0.420

L4.Conduct 0.002150 0.001793 1.199 0.230

L4.Water -7.668168 0.154715 -49.563 0.000

L4.Temp -0.522540 0.012745 -41.000 0.000

L4.Prep. horaria -0.000001 0.000002 -0.642 0.521

L4.Temp. prom aire -0.000000 0.000001 -0.113 0.910

L5.Conduct -0.000685 0.001753 -0.391 0.696

L5.Water 4.351954 0.168337 25.853 0.000

L5.Temp 0.277871 0.013377 20.773 0.000

L5.Prep. horaria -0.000002 0.000002 -0.955 0.339

L5.Temp. prom aire 0.000001 0.000001 0.693 0.488

L6.Conduct -0.000356 0.001753 -0.203 0.839

L6.Water -2.392001 0.167976 -14.240 0.000

L6.Temp -0.132155 0.013375 -9.881 0.000

L6.Prep. horaria -0.000001 0.000002 -0.445 0.657

L6.Temp. prom aire -0.000001 0.000001 -0.783 0.433

L7.Conduct 0.000158 0.001743 0.091 0.928

L7.Water 1.170399 0.168279 6.955 0.000

L7.Temp 0.075002 0.013427 5.586 0.000

L7.Prep. horaria -0.000004 0.000002 -1.925 0.054

L7.Temp. prom aire 0.000001 0.000001 1.071 0.284

L8.Conduct -0.000411 0.001737 -0.237 0.813

L8.Water -0.506834 0.172628 -2.936 0.003

L8.Temp -0.036536 0.013524 -2.702 0.007

L8.Prep. horaria -0.000003 0.000002 -1.339 0.180

L8.Temp. prom aire -0.000001 0.000001 -0.932 0.352

L9.Conduct -0.000394 0.001734 -0.227 0.820

L9.Water 0.367378 0.163160 2.252 0.024

L9.Temp 0.023864 0.012729 1.875 0.061

L9.Prep. horaria 0.000001 0.000002 0.680 0.497

L9.Temp. prom aire 0.000001 0.000001 0.767 0.443

L10.Conduct -0.000411 0.001720 -0.239 0.811

L10.Water -0.352631 0.117166 -3.010 0.003

L10.Temp -0.015390 0.010487 -1.468 0.142

L10.Prep. horaria -0.000000 0.000002 -0.212 0.832

L10.Temp. prom aire -0.000000 0.000001 -0.275 0.783

L11.Conduct 0.001786 0.001294 1.380 0.168

L11.Water 0.204315 0.051847 3.941 0.000

L11.Temp 0.003109 0.006203 0.501 0.616

L11.Prep. horaria -0.000003 0.000002 -1.715 0.086

L11.Temp. prom aire -0.000000 0.000001 -0.187 0.852

L12.Conduct -0.000907 0.000410 -2.209 0.027

L12.Water -0.047733 0.010183 -4.688 0.000

L12.Temp 0.000539 0.001637 0.329 0.742

L12.Prep. horaria -0.000006 0.000002 -3.967 0.000

L12.Temp. prom aire 0.000000 0.000000 0.287 0.774

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000020 0.000020 1.014 0.311

L1.Conduct -0.014430 0.002651 -5.444 0.000

L1.Water 1.564754 0.058562 26.720 0.000

L1.Temp 3.513299 0.009877 355.707 0.000

L1.Prep. horaria 0.000000 0.000009 0.052 0.959

L1.Temp. prom aire 0.000002 0.000002 1.041 0.298

L2.Conduct 0.037939 0.008255 4.596 0.000

L2.Water -7.096061 0.291019 -24.383 0.000

L2.Temp -4.235378 0.037671 -112.431 0.000

L2.Prep. horaria -0.000003 0.000011 -0.264 0.792

L2.Temp. prom aire -0.000007 0.000005 -1.511 0.131

L3.Conduct -0.024582 0.010809 -2.274 0.023

L3.Water 12.847977 0.649654 19.777 0.000

L3.Temp 1.813618 0.063375 28.617 0.000

L3.Prep. horaria 0.000002 0.000011 0.191 0.849

L3.Temp. prom aire 0.000006 0.000005 1.165 0.244

L4.Conduct -0.005645 0.010550 -0.535 0.593

L4.Water -11.848695 0.910304 -13.016 0.000

L4.Temp -0.299833 0.074988 -3.998 0.000

L4.Prep. horaria 0.000004 0.000011 0.374 0.709

L4.Temp. prom aire 0.000003 0.000005 0.553 0.580

L5.Conduct 0.003619 0.010314 0.351 0.726

L5.Water 6.468659 0.990450 6.531 0.000

L5.Temp 0.510885 0.078706 6.491 0.000

L5.Prep. horaria 0.000005 0.000011 0.460 0.646

L5.Temp. prom aire -0.000002 0.000005 -0.487 0.627

L6.Conduct 0.001341 0.010317 0.130 0.897

L6.Water -3.471418 0.988331 -3.512 0.000

L6.Temp -0.284078 0.078693 -3.610 0.000

L6.Prep. horaria 0.000006 0.000011 0.502 0.616

L6.Temp. prom aire 0.000004 0.000005 0.889 0.374

L7.Conduct 0.002831 0.010258 0.276 0.783

L7.Water 2.816638 0.990114 2.845 0.004

L7.Temp 0.090125 0.079001 1.141 0.254

L7.Prep. horaria 0.000002 0.000011 0.145 0.885

L7.Temp. prom aire -0.000008 0.000005 -1.641 0.101

L8.Conduct 0.000781 0.010219 0.076 0.939

L8.Water -2.193910 1.015702 -2.160 0.031

L8.Temp -0.174454 0.079571 -2.192 0.028

L8.Prep. horaria 0.000005 0.000011 0.442 0.659

L8.Temp. prom aire 0.000004 0.000005 0.766 0.444

L9.Conduct -0.000553 0.010200 -0.054 0.957

L9.Water 1.532093 0.959993 1.596 0.111

L9.Temp 0.070413 0.074896 0.940 0.347

L9.Prep. horaria 0.000003 0.000011 0.234 0.815

L9.Temp. prom aire -0.000004 0.000005 -0.804 0.421

L10.Conduct 0.000202 0.010121 0.020 0.984

L10.Water -0.856064 0.689372 -1.242 0.214

L10.Temp -0.103884 0.061702 -1.684 0.092

L10.Prep. horaria -0.000004 0.000011 -0.405 0.685

L10.Temp. prom aire 0.000000 0.000005 0.045 0.964

L11.Conduct -0.003709 0.007616 -0.487 0.626

L11.Water 0.262534 0.305053 0.861 0.389

L11.Temp 0.153728 0.036498 4.212 0.000

L11.Prep. horaria -0.000002 0.000011 -0.157 0.876

L11.Temp. prom aire 0.000003 0.000005 0.694 0.488

L12.Conduct 0.002206 0.002415 0.913 0.361

L12.Water -0.026510 0.059912 -0.442 0.658

L12.Temp -0.054444 0.009629 -5.654 0.000

L12.Prep. horaria 0.000010 0.000009 1.099 0.272

L12.Temp. prom aire -0.000000 0.000002 -0.062 0.950

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.049294 0.019566 -2.519 0.012

L1.Conduct -4.163520 2.596414 -1.604 0.109

L1.Water 42.707530 57.364550 0.744 0.457

L1.Temp -0.206422 9.674962 -0.021 0.983

L1.Prep. horaria 0.575129 0.009278 61.988 0.000

L1.Temp. prom aire -0.002573 0.002351 -1.094 0.274

L2.Conduct 9.949718 8.086496 1.230 0.219

L2.Water -46.683812 285.068198 -0.164 0.870

L2.Temp 9.209558 36.900594 0.250 0.803

L2.Prep. horaria 0.145215 0.010708 13.562 0.000

L2.Temp. prom aire 0.007635 0.004499 1.697 0.090

L3.Conduct -7.983616 10.587810 -0.754 0.451

L3.Water -407.551609 636.369497 -0.640 0.522

L3.Temp -44.687296 62.079054 -0.720 0.472

L3.Prep. horaria 0.007473 0.010794 0.692 0.489

L3.Temp. prom aire -0.005265 0.004834 -1.089 0.276

L4.Conduct 2.366087 10.334115 0.229 0.819

L4.Water 1423.253377 891.689122 1.596 0.110

L4.Temp 97.859886 73.454192 1.332 0.183

L4.Prep. horaria -0.028454 0.010796 -2.636 0.008

L4.Temp. prom aire 0.002093 0.004838 0.433 0.665

L5.Conduct 0.255853 10.102915 0.025 0.980

L5.Water -2095.375722 970.196477 -2.160 0.031

L5.Temp -121.738805 77.096144 -1.579 0.114

L5.Prep. horaria -0.002151 0.010791 -0.199 0.842

L5.Temp. prom aire -0.003905 0.004838 -0.807 0.420

L6.Conduct 0.870239 10.105690 0.086 0.931

L6.Water 1558.994397 968.120276 1.610 0.107

L6.Temp 86.740852 77.084188 1.125 0.260

L6.Prep. horaria 0.009392 0.010785 0.871 0.384

L6.Temp. prom aire 0.004945 0.004838 1.022 0.307

L7.Conduct 0.601613 10.047831 0.060 0.952

L7.Water -294.502718 969.867495 -0.304 0.761

L7.Temp -18.654327 77.385346 -0.241 0.810

L7.Prep. horaria 0.035393 0.010785 3.282 0.001

L7.Temp. prom aire -0.003638 0.004838 -0.752 0.452

L8.Conduct -7.782569 10.010139 -0.777 0.437

L8.Water -638.896231 994.931884 -0.642 0.521

L8.Temp -35.129562 77.943426 -0.451 0.652

L8.Prep. horaria -0.042080 0.010791 -3.900 0.000

L8.Temp. prom aire 0.003092 0.004839 0.639 0.523

L9.Conduct 7.121295 9.991232 0.713 0.476

L9.Water 892.311844 940.361967 0.949 0.343

L9.Temp 51.805245 73.364074 0.706 0.480

L9.Prep. horaria 0.030665 0.010795 2.841 0.005

L9.Temp. prom aire -0.003609 0.004838 -0.746 0.456

L10.Conduct 0.013468 9.914106 0.001 0.999

L10.Water -688.829378 675.275477 -1.020 0.308

L10.Temp -37.279486 60.440214 -0.617 0.537

L10.Prep. horaria 0.045593 0.010797 4.223 0.000

L10.Temp. prom aire 0.004409 0.004834 0.912 0.362

L11.Conduct -1.255757 7.460108 -0.168 0.866

L11.Water 322.636473 298.814742 1.080 0.280

L11.Temp 14.094274 35.751550 0.394 0.693

L11.Prep. horaria -0.011761 0.010722 -1.097 0.273

L11.Temp. prom aire -0.003299 0.004502 -0.733 0.464

L12.Conduct 0.006882 2.365600 0.003 0.998

L12.Water -68.061359 58.686987 -1.160 0.246

L12.Temp -2.013739 9.432313 -0.213 0.831

L12.Prep. horaria 0.020065 0.009296 2.159 0.031

L12.Temp. prom aire 0.001851 0.002354 0.787 0.432

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.550363 0.077159 7.133 0.000

L1.Conduct -2.671088 10.239251 -0.261 0.794

L1.Water 138.149362 226.223522 0.611 0.541

L1.Temp 41.617033 38.154297 1.091 0.275

L1.Prep. horaria 0.056643 0.036589 1.548 0.122

L1.Temp. prom aire 1.631478 0.009270 175.997 0.000

L2.Conduct 12.924284 31.890001 0.405 0.685

L2.Water -636.500918 1124.198338 -0.566 0.571

L2.Temp -225.016913 145.521623 -1.546 0.122

L2.Prep. horaria 0.020293 0.042228 0.481 0.631

L2.Temp. prom aire -0.750633 0.017741 -42.310 0.000

L3.Conduct -17.700618 41.754212 -0.424 0.672

L3.Water 1411.805624 2509.594321 0.563 0.574

L3.Temp 522.876021 244.815698 2.136 0.033

L3.Prep. horaria -0.006351 0.042567 -0.149 0.881

L3.Temp. prom aire 0.079278 0.019062 4.159 0.000

L4.Conduct 4.675868 40.753740 0.115 0.909

L4.Water -2269.412787 3516.475830 -0.645 0.519

L4.Temp -612.785816 289.674827 -2.115 0.034

L4.Prep. horaria -0.007561 0.042576 -0.178 0.859

L4.Temp. prom aire -0.039635 0.019078 -2.078 0.038

L5.Conduct 5.357195 39.841977 0.134 0.893

L5.Water 3054.073475 3826.078371 0.798 0.425

L5.Temp 324.721020 304.037270 1.068 0.286

L5.Prep. horaria -0.007425 0.042557 -0.174 0.861

L5.Temp. prom aire -0.018523 0.019080 -0.971 0.332

L6.Conduct -3.220709 39.852918 -0.081 0.936

L6.Water -3494.627653 3817.890639 -0.915 0.360

L6.Temp -66.615806 303.990121 -0.219 0.827

L6.Prep. horaria 0.022428 0.042532 0.527 0.598

L6.Temp. prom aire 0.015138 0.019078 0.793 0.428

L7.Conduct -0.717607 39.624744 -0.018 0.986

L7.Water 3858.953051 3824.780994 1.009 0.313

L7.Temp 79.234534 305.177771 0.260 0.795

L7.Prep. horaria 0.020974 0.042532 0.493 0.622

L7.Temp. prom aire -0.039502 0.019081 -2.070 0.038

L8.Conduct 6.318046 39.476102 0.160 0.873

L8.Water -4420.362415 3923.625215 -1.127 0.260

L8.Temp -64.608329 307.378621 -0.210 0.834

L8.Prep. horaria 0.033025 0.042554 0.776 0.438

L8.Temp. prom aire 0.017114 0.019085 0.897 0.370

L9.Conduct -12.131689 39.401543 -0.308 0.758

L9.Water 4225.979525 3708.422639 1.140 0.254

L9.Temp 134.625909 289.319435 0.465 0.642

L9.Prep. horaria -0.025891 0.042572 -0.608 0.543

L9.Temp. prom aire 0.012155 0.019079 0.637 0.524

L10.Conduct 15.416635 39.097386 0.394 0.693

L10.Water -2698.161280 2663.024405 -1.013 0.311

L10.Temp -430.436788 238.352748 -1.806 0.071

L10.Prep. horaria -0.037296 0.042580 -0.876 0.381

L10.Temp. prom aire -0.008103 0.019064 -0.425 0.671

L11.Conduct -12.080330 29.419772 -0.411 0.681

L11.Water 989.075091 1178.409371 0.839 0.401

L11.Temp 438.961944 140.990238 3.113 0.002

L11.Prep. horaria 0.005609 0.042282 0.133 0.894

L11.Temp. prom aire -0.054255 0.017753 -3.056 0.002

L12.Conduct 3.832122 9.329010 0.411 0.681

L12.Water -158.973495 231.438701 -0.687 0.492

L12.Temp -142.513249 37.197380 -3.831 0.000

L12.Prep. horaria 0.028509 0.036659 0.778 0.437

L12.Temp. prom aire 0.030717 0.009283 3.309 0.001

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.089599 0.024055 -0.000308 0.001227

Water 0.089599 1.000000 -0.331979 0.004230 0.002828

Temp 0.024055 -0.331979 1.000000 -0.002540 -0.008391

Prep. horaria -0.000308 0.004230 -0.002540 1.000000 -0.023779

Temp. prom aire 0.001227 0.002828 -0.008391 -0.023779 1.000000

* + - Lag 24:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.9719

Nobs: 11665.0 HQIC: -54.2255

Log likelihood: 234864. FPE: 2.47996e-24

AIC: -54.3538 Det(Omega\_mle): 2.35524e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000249 0.000071 3.515 0.000

L1.Conduct 2.902674 0.009664 300.354 0.000

L1.Water 7.217712 0.144687 49.885 0.000

L1.Temp -0.051000 0.018840 -2.707 0.007

L1.Prep. horaria -0.000006 0.000024 -0.245 0.807

L1.Temp. prom aire -0.000002 0.000007 -0.370 0.711

L2.Conduct -2.622569 0.029671 -88.387 0.000

L2.Water -31.808180 0.650831 -48.873 0.000

L2.Temp 0.221983 0.060026 3.698 0.000

L2.Prep. horaria 0.000147 0.000028 5.264 0.000

L2.Temp. prom aire -0.000001 0.000012 -0.068 0.946

L3.Conduct 0.494852 0.038988 12.692 0.000

L3.Water 60.879458 1.179093 51.632 0.000

L3.Temp -0.304840 0.079563 -3.831 0.000

L3.Prep. horaria -0.000096 0.000028 -3.403 0.001

L3.Temp. prom aire 0.000002 0.000013 0.155 0.877

L4.Conduct 0.214937 0.039232 5.479 0.000

L4.Water -71.956341 1.087313 -66.178 0.000

L4.Temp 0.174910 0.080206 2.181 0.029

L4.Prep. horaria -0.000012 0.000028 -0.436 0.663

L4.Temp. prom aire -0.000003 0.000013 -0.200 0.841

L5.Conduct 0.028966 0.039327 0.737 0.461

L5.Water 68.773786 0.992129 69.319 0.000

L5.Temp -0.152107 0.080166 -1.897 0.058

L5.Prep. horaria 0.000021 0.000028 0.760 0.447

L5.Temp. prom aire 0.000013 0.000013 1.070 0.284

L6.Conduct 0.004677 0.039384 0.119 0.905

L6.Water -66.172057 1.211320 -54.628 0.000

L6.Temp 0.204525 0.080238 2.549 0.011

L6.Prep. horaria 0.000024 0.000028 0.853 0.394

L6.Temp. prom aire -0.000008 0.000013 -0.597 0.550

L7.Conduct -0.051576 0.039433 -1.308 0.191

L7.Water 65.151856 NAN NAN NAN

L7.Temp -0.172013 0.080203 -2.145 0.032

L7.Prep. horaria 0.000034 0.000028 1.193 0.233

L7.Temp. prom aire -0.000010 0.000013 -0.801 0.423

L8.Conduct 0.035312 0.039434 0.895 0.371

L8.Water -58.169830 NAN NAN NAN

L8.Temp 0.198791 0.079768 2.492 0.013

L8.Prep. horaria 0.000003 0.000028 0.110 0.913

L8.Temp. prom aire 0.000017 0.000013 1.337 0.181

L9.Conduct 0.005947 0.039427 0.151 0.880

L9.Water 42.307560 NAN NAN NAN

L9.Temp -0.187135 0.079481 -2.354 0.019

L9.Prep. horaria 0.000030 0.000028 1.073 0.283

L9.Temp. prom aire -0.000000 0.000013 -0.017 0.986

L10.Conduct 0.007543 0.039359 0.192 0.848

L10.Water -22.243824 NAN NAN NAN

L10.Temp 0.115835 0.079594 1.455 0.146

L10.Prep. horaria 0.000011 0.000028 0.392 0.695

L10.Temp. prom aire -0.000024 0.000013 -1.899 0.058

L11.Conduct -0.009862 0.039291 -0.251 0.802

L11.Water 1.355903 NAN NAN NAN

L11.Temp -0.082279 0.079609 -1.034 0.301

L11.Prep. horaria 0.000014 0.000028 0.490 0.624

L11.Temp. prom aire 0.000021 0.000013 1.686 0.092

L12.Conduct -0.013485 0.039284 -0.343 0.731

L12.Water 19.717843 NAN NAN NAN

L12.Temp 0.011046 0.079482 0.139 0.889

L12.Prep. horaria -0.000015 0.000028 -0.513 0.608

L12.Temp. prom aire -0.000015 0.000013 -1.206 0.228

L13.Conduct 0.007985 0.039284 0.203 0.839

L13.Water -35.780163 NAN NAN NAN

L13.Temp 0.088827 0.079530 1.117 0.264

L13.Prep. horaria 0.000030 0.000028 1.043 0.297

L13.Temp. prom aire 0.000010 0.000013 0.810 0.418

L14.Conduct 0.002597 0.039284 0.066 0.947

L14.Water 39.647639 NAN NAN NAN

L14.Temp -0.141819 0.079530 -1.783 0.075

L14.Prep. horaria -0.000007 0.000028 -0.240 0.810

L14.Temp. prom aire 0.000006 0.000013 0.507 0.612

L15.Conduct -0.020578 0.039296 -0.524 0.601

L15.Water -32.432202 NAN NAN NAN

L15.Temp 0.127025 0.079484 1.598 0.110

L15.Prep. horaria 0.000021 0.000028 0.755 0.450

L15.Temp. prom aire -0.000012 0.000013 -0.949 0.343

L16.Conduct 0.000785 0.039306 0.020 0.984

L16.Water 22.102893 NAN NAN NAN

L16.Temp -0.091166 0.079554 -1.146 0.252

L16.Prep. horaria 0.000002 0.000028 0.061 0.951

L16.Temp. prom aire 0.000006 0.000013 0.513 0.608

L17.Conduct 0.004339 0.039303 0.110 0.912

L17.Water -12.186732 NAN NAN NAN

L17.Temp 0.062534 0.079541 0.786 0.432

L17.Prep. horaria -0.000028 0.000028 -0.993 0.321

L17.Temp. prom aire -0.000001 0.000013 -0.044 0.965

L18.Conduct 0.003336 0.039291 0.085 0.932

L18.Water 2.566605 NAN NAN NAN

L18.Temp -0.033276 0.079655 -0.418 0.676

L18.Prep. horaria 0.000091 0.000028 3.216 0.001

L18.Temp. prom aire -0.000000 0.000013 -0.038 0.969

L19.Conduct -0.006821 0.039296 -0.174 0.862

L19.Water 4.769871 1.090499 4.374 0.000

L19.Temp 0.002605 0.080022 0.033 0.974

L19.Prep. horaria -0.000038 0.000028 -1.328 0.184

L19.Temp. prom aire -0.000002 0.000013 -0.169 0.865

L20.Conduct 0.011785 0.039234 0.300 0.764

L20.Water -7.975062 0.906996 -8.793 0.000

L20.Temp 0.020391 0.080115 0.255 0.799

L20.Prep. horaria -0.000020 0.000028 -0.725 0.468

L20.Temp. prom aire -0.000001 0.000013 -0.081 0.935

L21.Conduct -0.014858 0.039210 -0.379 0.705

L21.Water 7.214710 1.013195 7.121 0.000

L21.Temp -0.009844 0.079837 -0.123 0.902

L21.Prep. horaria 0.000015 0.000028 0.545 0.586

L21.Temp. prom aire 0.000005 0.000013 0.406 0.685

L22.Conduct 0.078656 0.038820 2.026 0.043

L22.Water -4.276558 1.109197 -3.856 0.000

L22.Temp 0.003099 0.079570 0.039 0.969

L22.Prep. horaria -0.000026 0.000028 -0.906 0.365

L22.Temp. prom aire -0.000004 0.000013 -0.304 0.761

L23.Conduct -0.096895 0.028664 -3.380 0.001

L23.Water 1.566927 0.608649 2.574 0.010

L23.Temp -0.014939 0.060184 -0.248 0.804

L23.Prep. horaria -0.000022 0.000028 -0.771 0.441

L23.Temp. prom aire 0.000007 0.000012 0.603 0.547

L24.Conduct 0.032251 0.008968 3.596 0.000

L24.Water -0.271814 0.133118 -2.042 0.041

L24.Temp 0.008838 0.018867 0.468 0.639

L24.Prep. horaria -0.000003 0.000024 -0.131 0.896

L24.Temp. prom aire -0.000006 0.000007 -0.929 0.353

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000007 0.000003 2.170 0.030

L1.Conduct 0.001021 0.000429 2.381 0.017

L1.Water 5.451389 0.006420 849.108 0.000

L1.Temp -0.006549 0.000836 -7.834 0.000

L1.Prep. horaria -0.000001 0.000001 -0.662 0.508

L1.Temp. prom aire -0.000000 0.000000 -0.838 0.402

L2.Conduct -0.002783 0.001317 -2.114 0.035

L2.Water -13.187605 0.028879 -456.649 0.000

L2.Temp 0.029553 0.002664 11.095 0.000

L2.Prep. horaria -0.000003 0.000001 -2.613 0.009

L2.Temp. prom aire 0.000000 0.000001 0.810 0.418

L3.Conduct 0.002463 0.001730 1.424 0.154

L3.Water 19.151623 0.052319 366.052 0.000

L3.Temp -0.056643 0.003530 -16.044 0.000

L3.Prep. horaria 0.000004 0.000001 3.400 0.001

L3.Temp. prom aire -0.000000 0.000001 -0.278 0.781

L4.Conduct -0.000710 0.001741 -0.408 0.684

L4.Water -19.468828 0.048247 -403.525 0.000

L4.Temp 0.065067 0.003559 18.283 0.000

L4.Prep. horaria -0.000002 0.000001 -1.231 0.218

L4.Temp. prom aire -0.000000 0.000001 -0.451 0.652

L5.Conduct -0.000228 0.001745 -0.131 0.896

L5.Water 15.538579 0.044023 352.962 0.000

L5.Temp -0.057877 0.003557 -16.271 0.000

L5.Prep. horaria -0.000001 0.000001 -0.733 0.464

L5.Temp. prom aire 0.000000 0.000001 0.608 0.543

L6.Conduct 0.000740 0.001748 0.423 0.672

L6.Water -10.404874 0.053749 -193.581 0.000

L6.Temp 0.044756 0.003560 12.570 0.000

L6.Prep. horaria -0.000001 0.000001 -0.846 0.397

L6.Temp. prom aire -0.000000 0.000001 -0.028 0.978

L7.Conduct -0.001036 0.001750 -0.592 0.554

L7.Water 5.847621 NAN NAN NAN

L7.Temp -0.026983 0.003559 -7.582 0.000

L7.Prep. horaria 0.000002 0.000001 1.381 0.167

L7.Temp. prom aire 0.000000 0.000001 0.474 0.636

L8.Conduct 0.001281 0.001750 0.732 0.464

L8.Water -2.696597 NAN NAN NAN

L8.Temp 0.012993 0.003540 3.671 0.000

L8.Prep. horaria -0.000005 0.000001 -3.971 0.000

L8.Temp. prom aire -0.000001 0.000001 -1.321 0.187

L9.Conduct -0.001221 0.001749 -0.698 0.485

L9.Water 0.971872 NAN NAN NAN

L9.Temp -0.006081 0.003527 -1.724 0.085

L9.Prep. horaria 0.000007 0.000001 5.341 0.000

L9.Temp. prom aire 0.000000 0.000001 0.736 0.462

L10.Conduct 0.000630 0.001746 0.360 0.718

L10.Water -0.102134 NAN NAN NAN

L10.Temp 0.001855 0.003532 0.525 0.599

L10.Prep. horaria -0.000006 0.000001 -4.514 0.000

L10.Temp. prom aire -0.000000 0.000001 -0.710 0.477

L11.Conduct 0.000988 0.001743 0.566 0.571

L11.Water -0.335038 NAN NAN NAN

L11.Temp -0.000120 0.003532 -0.034 0.973

L11.Prep. horaria 0.000001 0.000001 0.691 0.489

L11.Temp. prom aire 0.000001 0.000001 0.971 0.331

L12.Conduct -0.002925 0.001743 -1.678 0.093

L12.Water 0.438843 NAN NAN NAN

L12.Temp 0.000043 0.003527 0.012 0.990

L12.Prep. horaria 0.000001 0.000001 0.780 0.435

L12.Temp. prom aire 0.000000 0.000001 0.487 0.626

L13.Conduct 0.001557 0.001743 0.893 0.372

L13.Water -0.297077 NAN NAN NAN

L13.Temp 0.000254 0.003529 0.072 0.943

L13.Prep. horaria -0.000003 0.000001 -2.383 0.017

L13.Temp. prom aire -0.000001 0.000001 -1.440 0.150

L14.Conduct 0.001901 0.001743 1.091 0.275

L14.Water 0.124817 NAN NAN NAN

L14.Temp -0.001165 0.003529 -0.330 0.741

L14.Prep. horaria 0.000002 0.000001 1.557 0.120

L14.Temp. prom aire 0.000000 0.000001 0.427 0.670

L15.Conduct -0.003271 0.001744 -1.876 0.061

L15.Water -0.138337 NAN NAN NAN

L15.Temp 0.001616 0.003527 0.458 0.647

L15.Prep. horaria 0.000003 0.000001 2.416 0.016

L15.Temp. prom aire 0.000000 0.000001 0.847 0.397

L16.Conduct 0.002871 0.001744 1.646 0.100

L16.Water 0.284896 NAN NAN NAN

L16.Temp -0.002500 0.003530 -0.708 0.479

L16.Prep. horaria -0.000000 0.000001 -0.190 0.849

L16.Temp. prom aire -0.000000 0.000001 -0.884 0.377

L17.Conduct -0.001919 0.001744 -1.100 0.271

L17.Water -0.206395 NAN NAN NAN

L17.Temp 0.003698 0.003529 1.048 0.295

L17.Prep. horaria -0.000001 0.000001 -1.176 0.240

L17.Temp. prom aire 0.000000 0.000001 0.576 0.565

L18.Conduct 0.000145 0.001743 0.083 0.934

L18.Water -0.245757 NAN NAN NAN

L18.Temp -0.001235 0.003535 -0.349 0.727

L18.Prep. horaria 0.000002 0.000001 1.514 0.130

L18.Temp. prom aire -0.000000 0.000001 -0.804 0.421

L19.Conduct -0.000503 0.001744 -0.289 0.773

L19.Water 0.750748 0.048388 15.515 0.000

L19.Temp -0.001127 0.003551 -0.317 0.751

L19.Prep. horaria 0.000001 0.000001 0.696 0.486

L19.Temp. prom aire 0.000000 0.000001 0.756 0.449

L20.Conduct 0.003298 0.001741 1.894 0.058

L20.Water -0.970173 0.040246 -24.106 0.000

L20.Temp 0.001032 0.003555 0.290 0.772

L20.Prep. horaria 0.000002 0.000001 1.281 0.200

L20.Temp. prom aire -0.000001 0.000001 -0.977 0.329

L21.Conduct -0.004135 0.001740 -2.376 0.017

L21.Water 0.766354 0.044958 17.046 0.000

L21.Temp -0.001530 0.003543 -0.432 0.666

L21.Prep. horaria -0.000001 0.000001 -1.067 0.286

L21.Temp. prom aire 0.000000 0.000001 0.479 0.632

L22.Conduct 0.004530 0.001723 2.630 0.009

L22.Water -0.295146 0.049218 -5.997 0.000

L22.Temp -0.000798 0.003531 -0.226 0.821

L22.Prep. horaria 0.000000 0.000001 0.192 0.848

L22.Temp. prom aire 0.000000 0.000001 0.857 0.391

L23.Conduct -0.004323 0.001272 -3.399 0.001

L23.Water -0.007458 0.027007 -0.276 0.782

L23.Temp 0.003349 0.002671 1.254 0.210

L23.Prep. horaria -0.000007 0.000001 -5.361 0.000

L23.Temp. prom aire -0.000000 0.000001 -0.605 0.545

L24.Conduct 0.001629 0.000398 4.094 0.000

L24.Water 0.028679 0.005907 4.855 0.000

L24.Temp -0.001606 0.000837 -1.918 0.055

L24.Prep. horaria 0.000005 0.000001 4.286 0.000

L24.Temp. prom aire -0.000000 0.000000 -0.219 0.827

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000071 0.000036 1.987 0.047

L1.Conduct -0.020273 0.004909 -4.130 0.000

L1.Water 0.797828 0.073497 10.855 0.000

L1.Temp 3.016128 0.009570 315.151 0.000

L1.Prep. horaria 0.000002 0.000012 0.171 0.864

L1.Temp. prom aire -0.000003 0.000003 -0.747 0.455

L2.Conduct 0.046743 0.015072 3.101 0.002

L2.Water -3.787528 0.330603 -11.456 0.000

L2.Temp -2.726084 0.030492 -89.404 0.000

L2.Prep. horaria 0.000001 0.000014 0.058 0.954

L2.Temp. prom aire -0.000008 0.000006 -1.287 0.198

L3.Conduct -0.022288 0.019805 -1.125 0.260

L3.Water 7.831809 0.598945 13.076 0.000

L3.Temp 0.366557 0.040415 9.070 0.000

L3.Prep. horaria 0.000007 0.000014 0.476 0.634

L3.Temp. prom aire 0.000003 0.000006 0.543 0.587

L4.Conduct -0.010179 0.019929 -0.511 0.610

L4.Water -9.686874 0.552323 -17.538 0.000

L4.Temp 0.242229 0.040742 5.945 0.000

L4.Prep. horaria 0.000000 0.000014 0.007 0.995

L4.Temp. prom aire 0.000005 0.000006 0.725 0.468

L5.Conduct 0.000921 0.019977 0.046 0.963

L5.Water 8.594664 0.503973 17.054 0.000

L5.Temp 0.080355 0.040722 1.973 0.048

L5.Prep. horaria 0.000002 0.000014 0.116 0.908

L5.Temp. prom aire -0.000002 0.000006 -0.339 0.735

L6.Conduct 0.003983 0.020006 0.199 0.842

L6.Water -6.140146 0.615315 -9.979 0.000

L6.Temp 0.079155 0.040758 1.942 0.052

L6.Prep. horaria 0.000003 0.000014 0.233 0.816

L6.Temp. prom aire 0.000009 0.000006 1.347 0.178

L7.Conduct 0.001005 0.020031 0.050 0.960

L7.Water 3.509038 NAN NAN NAN

L7.Temp -0.006094 0.040741 -0.150 0.881

L7.Prep. horaria 0.000003 0.000014 0.238 0.812

L7.Temp. prom aire -0.000010 0.000006 -1.562 0.118

L8.Conduct -0.000289 0.020031 -0.014 0.988

L8.Water -1.450728 NAN NAN NAN

L8.Temp 0.000658 0.040520 0.016 0.987

L8.Prep. horaria 0.000002 0.000014 0.160 0.873

L8.Temp. prom aire 0.000007 0.000006 1.038 0.299

L9.Conduct 0.000813 0.020028 0.041 0.968

L9.Water 0.397285 NAN NAN NAN

L9.Temp -0.027336 0.040374 -0.677 0.498

L9.Prep. horaria 0.000005 0.000014 0.363 0.717

L9.Temp. prom aire -0.000006 0.000006 -0.943 0.346

L10.Conduct 0.001323 0.019993 0.066 0.947

L10.Water -0.114555 NAN NAN NAN

L10.Temp -0.018005 0.040431 -0.445 0.656

L10.Prep. horaria -0.000003 0.000014 -0.206 0.837

L10.Temp. prom aire -0.000000 0.000006 -0.020 0.984

L11.Conduct -0.000737 0.019959 -0.037 0.971

L11.Water 0.151415 NAN NAN NAN

L11.Temp -0.011813 0.040439 -0.292 0.770

L11.Prep. horaria 0.000001 0.000014 0.092 0.927

L11.Temp. prom aire 0.000004 0.000006 0.598 0.550

L12.Conduct -0.002173 0.019955 -0.109 0.913

L12.Water -0.327511 NAN NAN NAN

L12.Temp -0.005482 0.040375 -0.136 0.892

L12.Prep. horaria -0.000002 0.000014 -0.146 0.884

L12.Temp. prom aire -0.000007 0.000006 -1.127 0.260

L13.Conduct 0.002036 0.019955 0.102 0.919

L13.Water 0.598571 NAN NAN NAN

L13.Temp 0.000442 0.040399 0.011 0.991

L13.Prep. horaria -0.000002 0.000014 -0.156 0.876

L13.Temp. prom aire 0.000008 0.000006 1.234 0.217

L14.Conduct -0.000287 0.019955 -0.014 0.989

L14.Water -0.797561 NAN NAN NAN

L14.Temp 0.004175 0.040399 0.103 0.918

L14.Prep. horaria 0.000003 0.000014 0.199 0.842

L14.Temp. prom aire -0.000004 0.000006 -0.562 0.574

L15.Conduct -0.002433 0.019961 -0.122 0.903

L15.Water 0.742726 NAN NAN NAN

L15.Temp 0.003049 0.040376 0.076 0.940

L15.Prep. horaria 0.000001 0.000014 0.095 0.924

L15.Temp. prom aire 0.000000 0.000006 0.060 0.952

L16.Conduct 0.002200 0.019966 0.110 0.912

L16.Water -0.449070 NAN NAN NAN

L16.Temp -0.003126 0.040411 -0.077 0.938

L16.Prep. horaria -0.000002 0.000014 -0.109 0.913

L16.Temp. prom aire 0.000000 0.000006 0.002 0.999

L17.Conduct -0.000890 0.019965 -0.045 0.964

L17.Water 0.183672 NAN NAN NAN

L17.Temp -0.006258 0.040404 -0.155 0.877

L17.Prep. horaria -0.000001 0.000014 -0.098 0.922

L17.Temp. prom aire 0.000000 0.000006 0.078 0.938

L18.Conduct 0.000695 0.019959 0.035 0.972

L18.Water -0.250569 NAN NAN NAN

L18.Temp -0.007350 0.040463 -0.182 0.856

L18.Prep. horaria -0.000002 0.000014 -0.157 0.875

L18.Temp. prom aire -0.000001 0.000006 -0.211 0.833

L19.Conduct 0.000995 0.019961 0.050 0.960

L19.Water 0.606882 0.553942 1.096 0.273

L19.Temp -0.001526 0.040649 -0.038 0.970

L19.Prep. horaria -0.000002 0.000014 -0.145 0.885

L19.Temp. prom aire 0.000000 0.000006 0.039 0.969

L20.Conduct 0.000356 0.019930 0.018 0.986

L20.Water -0.892265 0.460727 -1.937 0.053

L20.Temp 0.017682 0.040696 0.434 0.664

L20.Prep. horaria -0.000003 0.000014 -0.243 0.808

L20.Temp. prom aire 0.000001 0.000006 0.111 0.912

L21.Conduct -0.003295 0.019917 -0.165 0.869

L21.Water 0.917478 0.514674 1.783 0.075

L21.Temp 0.034676 0.040555 0.855 0.393

L21.Prep. horaria -0.000005 0.000014 -0.364 0.716

L21.Temp. prom aire 0.000000 0.000006 0.043 0.966

L22.Conduct -0.001791 0.019719 -0.091 0.928

L22.Water -0.716094 0.563440 -1.271 0.204

L22.Temp 0.073683 0.040419 1.823 0.068

L22.Prep. horaria -0.000003 0.000014 -0.198 0.843

L22.Temp. prom aire -0.000001 0.000006 -0.213 0.832

L23.Conduct 0.006444 0.014560 0.443 0.658

L23.Water 0.365610 0.309176 1.183 0.237

L23.Temp -0.193644 0.030572 -6.334 0.000

L23.Prep. horaria -0.000004 0.000014 -0.279 0.780

L23.Temp. prom aire 0.000006 0.000006 0.946 0.344

L24.Conduct -0.002878 0.004555 -0.632 0.527

L24.Water -0.084080 0.067620 -1.243 0.214

L24.Temp 0.087927 0.009584 9.175 0.000

L24.Prep. horaria -0.000004 0.000012 -0.302 0.762

L24.Temp. prom aire -0.000001 0.000003 -0.265 0.791

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.089010 0.027022 -3.294 0.001

L1.Conduct 7.573870 3.689333 2.053 0.040

L1.Water 167.249561 55.234677 3.028 0.002

L1.Temp -0.506435 7.192419 -0.070 0.944

L1.Prep. horaria 0.579920 0.009250 62.697 0.000

L1.Temp. prom aire -0.001475 0.002554 -0.578 0.564

L2.Conduct -15.760019 11.327120 -1.391 0.164

L2.Water -1302.238327 248.456687 -5.241 0.000

L2.Temp -0.748821 22.915241 -0.033 0.974

L2.Prep. horaria 0.142161 0.010649 13.349 0.000

L2.Temp. prom aire 0.007584 0.004533 1.673 0.094

L3.Conduct 7.855761 14.883706 0.528 0.598

L3.Water 4320.053336 450.122639 9.598 0.000

L3.Temp -0.550642 30.373272 -0.018 0.986

L3.Prep. horaria 0.006821 0.010753 0.634 0.526

L3.Temp. prom aire -0.005862 0.004807 -1.219 0.223

L4.Conduct -3.434701 14.976889 -0.229 0.819

L4.Water -8465.886550 415.085308 -20.396 0.000

L4.Temp 17.009292 30.618807 0.556 0.579

L4.Prep. horaria -0.028934 0.010749 -2.692 0.007

L4.Temp. prom aire 0.002527 0.004811 0.525 0.599

L5.Conduct 8.969054 15.013200 0.597 0.550

L5.Water 11552.909005 378.748630 30.503 0.000

L5.Temp -37.791569 30.603473 -1.235 0.217

L5.Prep. horaria -0.000852 0.010766 -0.079 0.937

L5.Temp. prom aire -0.003412 0.004811 -0.709 0.478

L6.Conduct -7.616628 15.035129 -0.507 0.612

L6.Water -12353.923576 462.425287 -26.716 0.000

L6.Temp 43.141265 30.631055 1.408 0.159

L6.Prep. horaria 0.011698 0.010768 1.086 0.277

L6.Temp. prom aire 0.003998 0.004811 0.831 0.406

L7.Conduct 9.532069 15.053610 0.633 0.527

L7.Water 11365.465846 NAN NAN NAN

L7.Temp -42.664148 30.617727 -1.393 0.163

L7.Prep. horaria 0.036797 0.010766 3.418 0.001

L7.Temp. prom aire -0.003654 0.004811 -0.760 0.448

L8.Conduct -18.236041 15.053941 -1.211 0.226

L8.Water -9689.393461 NAN NAN NAN

L8.Temp 45.822340 30.451822 1.505 0.132

L8.Prep. horaria -0.042467 0.010777 -3.941 0.000

L8.Temp. prom aire 0.003447 0.004811 0.716 0.474

L9.Conduct 14.825130 15.051519 0.985 0.325

L9.Water 8034.076718 NAN NAN NAN

L9.Temp -38.026330 30.342166 -1.253 0.210

L9.Prep. horaria 0.036565 0.010784 3.391 0.001

L9.Temp. prom aire -0.003028 0.004812 -0.629 0.529

L10.Conduct 4.423258 15.025316 0.294 0.768

L10.Water -6793.084092 NAN NAN NAN

L10.Temp 17.293082 30.385206 0.569 0.569

L10.Prep. horaria 0.040398 0.010779 3.748 0.000

L10.Temp. prom aire 0.003477 0.004811 0.723 0.470

L11.Conduct -8.563615 14.999407 -0.571 0.568

L11.Water 6758.106133 NAN NAN NAN

L11.Temp -8.327739 30.390828 -0.274 0.784

L11.Prep. horaria -0.009881 0.010788 -0.916 0.360

L11.Temp. prom aire -0.000407 0.004811 -0.085 0.933

L12.Conduct -10.777170 14.996795 -0.719 0.472

L12.Water -8461.657585 NAN NAN NAN

L12.Temp 21.107172 30.342513 0.696 0.487

L12.Prep. horaria 0.032359 0.010801 2.996 0.003

L12.Temp. prom aire -0.003909 0.004811 -0.813 0.416

L13.Conduct 15.605220 14.996748 1.041 0.298

L13.Water 10275.340428 NAN NAN NAN

L13.Temp -39.802047 30.360850 -1.311 0.190

L13.Prep. horaria -0.003633 0.010801 -0.336 0.737

L13.Temp. prom aire 0.003717 0.004811 0.773 0.440

L14.Conduct -3.450729 14.996670 -0.230 0.818

L14.Water -8991.655725 NAN NAN NAN

L14.Temp 47.207520 30.360962 1.555 0.120

L14.Prep. horaria -0.018685 0.010792 -1.731 0.083

L14.Temp. prom aire 0.001899 0.004812 0.395 0.693

L15.Conduct -2.001968 15.001393 -0.133 0.894

L15.Water 3075.712387 NAN NAN NAN

L15.Temp -35.672257 30.343432 -1.176 0.240

L15.Prep. horaria 0.014620 0.010792 1.355 0.175

L15.Temp. prom aire -0.004148 0.004812 -0.862 0.389

L16.Conduct -0.106973 15.005192 -0.007 0.994

L16.Water 5944.422989 NAN NAN NAN

L16.Temp 12.296263 30.370014 0.405 0.686

L16.Prep. horaria -0.022354 0.010805 -2.069 0.039

L16.Temp. prom aire 0.002175 0.004814 0.452 0.651

L17.Conduct 3.190035 15.003893 0.213 0.832

L17.Water -14456.585256 NAN NAN NAN

L17.Temp 21.827882 30.364927 0.719 0.472

L17.Prep. horaria 0.005553 0.010774 0.515 0.606

L17.Temp. prom aire -0.000105 0.004813 -0.022 0.983

L18.Conduct 0.997102 14.999389 0.066 0.947

L18.Water 18869.269748 NAN NAN NAN

L18.Temp -53.885749 30.408736 -1.772 0.076

L18.Prep. horaria 0.008541 0.010777 0.792 0.428

L18.Temp. prom aire -0.000406 0.004813 -0.084 0.933

L19.Conduct -3.302345 15.001422 -0.220 0.826

L19.Water -18817.987190 416.301691 -45.203 0.000

L19.Temp 55.489000 30.548664 1.816 0.069

L19.Prep. horaria -0.009295 0.010784 -0.862 0.389

L19.Temp. prom aire -0.002719 0.004813 -0.565 0.572

L20.Conduct -2.356319 14.977774 -0.157 0.875

L20.Water 16737.550012 346.248519 48.340 0.000

L20.Temp -51.108184 30.583983 -1.671 0.095

L20.Prep. horaria -0.012373 0.010762 -1.150 0.250

L20.Temp. prom aire 0.007837 0.004812 1.629 0.103

L21.Conduct 0.210565 14.968490 0.014 0.989

L21.Water -13507.566963 386.790658 -34.922 0.000

L21.Temp 58.292713 30.478117 1.913 0.056

L21.Prep. horaria -0.015180 0.010766 -1.410 0.159

L21.Temp. prom aire -0.005109 0.004812 -1.062 0.288

L22.Conduct 6.383605 14.819544 0.431 0.667

L22.Water 8528.120924 423.439423 20.140 0.000

L22.Temp -42.814104 30.376272 -1.409 0.159

L22.Prep. horaria 0.005468 0.010752 0.509 0.611

L22.Temp. prom aire 0.001663 0.004809 0.346 0.729

L23.Conduct -5.080485 10.942401 -0.464 0.642

L23.Water -3403.133504 232.353854 -14.646 0.000

L23.Temp 13.055262 22.975379 0.568 0.570

L23.Prep. horaria 0.028478 0.010658 2.672 0.008

L23.Temp. prom aire -0.003495 0.004536 -0.770 0.441

L24.Conduct 1.121012 3.423419 0.327 0.743

L24.Water 614.839113 50.818334 12.099 0.000

L24.Temp -0.643315 7.202353 -0.089 0.929

L24.Prep. horaria -0.016475 0.009275 -1.776 0.076

L24.Temp. prom aire 0.001443 0.002556 0.564 0.572

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.405141 0.097678 4.148 0.000

L1.Conduct -12.349221 13.335840 -0.926 0.354

L1.Water -76.182908 199.656919 -0.382 0.703

L1.Temp -11.258240 25.998456 -0.433 0.665

L1.Prep. horaria 0.043442 0.033434 1.299 0.194

L1.Temp. prom aire 1.464010 0.009231 158.597 0.000

L2.Conduct 25.054776 40.944167 0.612 0.541

L2.Water 784.485879 898.096984 0.873 0.382

L2.Temp -45.636481 82.831777 -0.551 0.582

L2.Prep. horaria 0.009127 0.038494 0.237 0.813

L2.Temp. prom aire -0.620928 0.016385 -37.896 0.000

L3.Conduct -7.251130 53.800169 -0.135 0.893

L3.Water -2325.454016 1627.059384 -1.429 0.153

L3.Temp 236.649467 109.790341 2.155 0.031

L3.Prep. horaria -0.016893 0.038868 -0.435 0.664

L3.Temp. prom aire 0.075610 0.017377 4.351 0.000

L4.Conduct -3.654289 54.136998 -0.068 0.946

L4.Water 3368.752722 1500.409862 2.245 0.025

L4.Temp -279.144272 110.677875 -2.522 0.012

L4.Prep. horaria 0.001820 0.038854 0.047 0.963

L4.Temp. prom aire -0.030162 0.017390 -1.734 0.083

L5.Conduct -13.268761 54.268252 -0.245 0.807

L5.Water -3688.722012 1369.063585 -2.694 0.007

L5.Temp 53.823265 110.622447 0.487 0.627

L5.Prep. horaria -0.007562 0.038917 -0.194 0.846

L5.Temp. prom aire -0.012282 0.017390 -0.706 0.480

L6.Conduct 14.602442 54.347518 0.269 0.788

L6.Water 4671.513117 1671.529798 2.795 0.005

L6.Temp 73.440010 110.722149 0.663 0.507

L6.Prep. horaria 0.015314 0.038922 0.393 0.694

L6.Temp. prom aire 0.017175 0.017389 0.988 0.323

L7.Conduct -5.354146 54.414320 -0.098 0.922

L7.Water -5333.878431 NAN NAN NAN

L7.Temp -59.416278 110.673970 -0.537 0.591

L7.Prep. horaria 0.018271 0.038918 0.469 0.639

L7.Temp. prom aire -0.031697 0.017391 -1.823 0.068

L8.Conduct 10.088337 54.415516 0.185 0.853

L8.Water 4136.968425 NAN NAN NAN

L8.Temp 116.590816 110.074273 1.059 0.290

L8.Prep. horaria 0.031656 0.038955 0.813 0.416

L8.Temp. prom aire 0.012255 0.017392 0.705 0.481

L9.Conduct -20.556669 54.406761 -0.378 0.706

L9.Water -2415.398525 NAN NAN NAN

L9.Temp -22.537925 109.677901 -0.205 0.837

L9.Prep. horaria -0.030196 0.038982 -0.775 0.439

L9.Temp. prom aire 0.010763 0.017394 0.619 0.536

L10.Conduct 27.036037 54.312047 0.498 0.619

L10.Water 2197.443132 NAN NAN NAN

L10.Temp -91.157035 109.833476 -0.830 0.407

L10.Prep. horaria -0.037981 0.038965 -0.975 0.330

L10.Temp. prom aire 0.000592 0.017390 0.034 0.973

L11.Conduct -19.367489 54.218392 -0.357 0.721

L11.Water -4707.875537 NAN NAN NAN

L11.Temp -110.480665 109.853798 -1.006 0.315

L11.Prep. horaria 0.005855 0.038994 0.150 0.881

L11.Temp. prom aire -0.020611 0.017389 -1.185 0.236

L12.Conduct 1.086897 54.208952 0.020 0.984

L12.Water 9231.885191 NAN NAN NAN

L12.Temp 109.445052 109.679155 0.998 0.318

L12.Prep. horaria 0.011158 0.039041 0.286 0.775

L12.Temp. prom aire 0.020323 0.017390 1.169 0.243

L13.Conduct 1.753858 54.208780 0.032 0.974

L13.Water -11591.615419 NAN NAN NAN

L13.Temp 125.975508 109.745436 1.148 0.251

L13.Prep. horaria -0.008102 0.039044 -0.208 0.836

L13.Temp. prom aire -0.023466 0.017392 -1.349 0.177

L14.Conduct -4.203220 54.208498 -0.078 0.938

L14.Water 8734.217477 NAN NAN NAN

L14.Temp -116.983509 109.745842 -1.066 0.286

L14.Prep. horaria -0.013488 0.039011 -0.346 0.730

L14.Temp. prom aire 0.027714 0.017393 1.593 0.111

L15.Conduct 35.418920 54.225571 0.653 0.514

L15.Water -3478.980001 NAN NAN NAN

L15.Temp 3.087075 109.682475 0.028 0.978

L15.Prep. horaria 0.025380 0.039009 0.651 0.515

L15.Temp. prom aire -0.024819 0.017396 -1.427 0.154

L16.Conduct -42.622282 54.239304 -0.786 0.432

L16.Water -199.990826 NAN NAN NAN

L16.Temp -1.704085 109.778564 -0.016 0.988

L16.Prep. horaria -0.016362 0.039057 -0.419 0.675

L16.Temp. prom aire -0.008579 0.017401 -0.493 0.622

L17.Conduct 33.636969 54.234608 0.620 0.535

L17.Water 1927.878324 NAN NAN NAN

L17.Temp 77.849217 109.760176 0.709 0.478

L17.Prep. horaria 0.003318 0.038944 0.085 0.932

L17.Temp. prom aire 0.021866 0.017399 1.257 0.209

L18.Conduct -79.829011 54.218329 -1.472 0.141

L18.Water -2474.601337 NAN NAN NAN

L18.Temp -16.207310 109.918530 -0.147 0.883

L18.Prep. horaria 0.004019 0.038957 0.103 0.918

L18.Temp. prom aire -0.012746 0.017396 -0.733 0.464

L19.Conduct 94.671416 54.225677 1.746 0.081

L19.Water 2791.105726 1504.806723 1.855 0.064

L19.Temp -17.742334 110.424328 -0.161 0.872

L19.Prep. horaria -0.037535 0.038982 -0.963 0.336

L19.Temp. prom aire 0.019401 0.017397 1.115 0.265

L20.Conduct -31.709164 54.140197 -0.586 0.558

L20.Water -4163.019972 1251.585355 -3.326 0.001

L20.Temp -88.958293 110.551997 -0.805 0.421

L20.Prep. horaria -0.011490 0.038901 -0.295 0.768

L20.Temp. prom aire -0.010699 0.017395 -0.615 0.539

L21.Conduct -5.895601 54.106636 -0.109 0.913

L21.Water 5494.477275 1398.133121 3.930 0.000

L21.Temp 84.160259 110.169322 0.764 0.445

L21.Prep. horaria 0.025477 0.038915 0.655 0.513

L21.Temp. prom aire 0.023843 0.017395 1.371 0.170

L22.Conduct 9.146984 53.568240 0.171 0.864

L22.Water -4547.744367 1530.607498 -2.971 0.003

L22.Temp -131.426715 109.801184 -1.197 0.231

L22.Prep. horaria 0.009276 0.038866 0.239 0.811

L22.Temp. prom aire 0.026681 0.017384 1.535 0.125

L23.Conduct -12.891154 39.553525 -0.326 0.744

L23.Water 2059.473816 839.890034 2.452 0.014

L23.Temp 193.931630 83.049158 2.335 0.020

L23.Prep. horaria 0.027453 0.038527 0.713 0.476

L23.Temp. prom aire 0.165638 0.016398 10.101 0.000

L24.Conduct 6.455071 12.374642 0.522 0.602

L24.Water -394.742189 183.693156 -2.149 0.032

L24.Temp -82.286854 26.034363 -3.161 0.002

L24.Prep. horaria -0.033858 0.033527 -1.010 0.313

L24.Temp. prom aire -0.127305 0.009239 -13.779 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.152773 0.245469 0.029290 -0.007757

Water 0.152773 1.000000 -0.033749 0.019970 -0.002330

Temp 0.245469 -0.033749 1.000000 0.001624 -0.019339

Prep. horaria 0.029290 0.019970 0.001624 1.000000 -0.021337

Temp. prom aire -0.007757 -0.002330 -0.019339 -0.021337 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -55.1623

Nobs: 11665.0 HQIC: -55.4159

Log likelihood: 241807. FPE: 7.54150e-25

AIC: -55.5442 Det(Omega\_mle): 7.16225e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000123 0.000029 4.234 0.000

L1.Conduct 3.987863 0.010757 370.738 0.000

L1.Water 3.297632 0.060022 54.940 0.000

L1.Temp -0.196336 0.007813 -25.130 0.000

L1.Prep. horaria 0.000002 0.000011 0.190 0.849

L1.Temp. prom aire 0.000003 0.000003 0.879 0.379

L2.Conduct -6.054738 0.044747 -135.310 0.000

L2.Water -16.090389 0.265160 -60.682 0.000

L2.Temp 0.616150 0.028374 21.715 0.000

L2.Prep. horaria -0.000057 0.000012 -4.699 0.000

L2.Temp. prom aire -0.000006 0.000005 -1.149 0.250

L3.Conduct 4.122868 0.080160 51.433 0.000

L3.Water 33.589322 0.428755 78.342 0.000

L3.Temp -0.465045 0.043311 -10.737 0.000

L3.Prep. horaria 0.000062 0.000012 5.130 0.000

L3.Temp. prom aire 0.000004 0.000005 0.702 0.483

L4.Conduct -0.940590 0.091958 -10.228 0.000

L4.Water -40.696355 NAN NAN NAN

L4.Temp -0.400804 0.043766 -9.158 0.000

L4.Prep. horaria -0.000016 0.000012 -1.288 0.198

L4.Temp. prom aire 0.000002 0.000005 0.364 0.716

L5.Conduct -0.242453 0.093176 -2.602 0.009

L5.Water 35.432894 NAN NAN NAN

L5.Temp 0.821223 0.042829 19.174 0.000

L5.Prep. horaria 0.000021 0.000012 1.740 0.082

L5.Temp. prom aire -0.000004 0.000005 -0.779 0.436

L6.Conduct 0.226112 0.094126 2.402 0.016

L6.Water -28.932434 NAN NAN NAN

L6.Temp -0.637671 0.047796 -13.341 0.000

L6.Prep. horaria -0.000011 0.000012 -0.926 0.355

L6.Temp. prom aire 0.000009 0.000005 1.673 0.094

L7.Conduct -0.164838 0.094131 -1.751 0.080

L7.Water 24.611497 1.020146 24.125 0.000

L7.Temp 0.514726 0.053501 9.621 0.000

L7.Prep. horaria 0.000023 0.000012 1.901 0.057

L7.Temp. prom aire -0.000007 0.000005 -1.321 0.186

L8.Conduct 0.013096 0.093634 0.140 0.889

L8.Water -18.455479 1.355292 -13.617 0.000

L8.Temp -0.362173 0.055414 -6.536 0.000

L8.Prep. horaria -0.000007 0.000012 -0.601 0.548

L8.Temp. prom aire -0.000002 0.000005 -0.412 0.680

L9.Conduct 0.118829 0.093997 1.264 0.206

L9.Water 11.299190 1.409983 8.014 0.000

L9.Temp 0.162727 0.055409 2.937 0.003

L9.Prep. horaria 0.000021 0.000012 1.716 0.086

L9.Temp. prom aire 0.000002 0.000005 0.375 0.708

L10.Conduct -0.077921 0.095537 -0.816 0.415

L10.Water -6.942909 1.480703 -4.689 0.000

L10.Temp -0.113596 0.057530 -1.975 0.048

L10.Prep. horaria -0.000029 0.000012 -2.414 0.016

L10.Temp. prom aire 0.000004 0.000005 0.718 0.473

L11.Conduct 0.028602 0.096286 0.297 0.766

L11.Water 5.406026 1.651488 3.273 0.001

L11.Temp 0.098906 0.060309 1.640 0.101

L11.Prep. horaria 0.000009 0.000012 0.758 0.448

L11.Temp. prom aire -0.000004 0.000005 -0.803 0.422

L12.Conduct -0.024855 0.095108 -0.261 0.794

L12.Water -5.531251 1.693319 -3.267 0.001

L12.Temp -0.107596 0.059449 -1.810 0.070

L12.Prep. horaria -0.000007 0.000012 -0.593 0.553

L12.Temp. prom aire 0.000003 0.000005 0.492 0.622

L13.Conduct -0.059767 0.093450 -0.640 0.522

L13.Water 7.622138 1.509503 5.049 0.000

L13.Temp 0.189510 0.055715 3.401 0.001

L13.Prep. horaria 0.000006 0.000012 0.506 0.613

L13.Temp. prom aire -0.000001 0.000005 -0.126 0.900

L14.Conduct 0.173905 0.092544 1.879 0.060

L14.Water -10.133577 1.370840 -7.392 0.000

L14.Temp -0.256065 0.054599 -4.690 0.000

L14.Prep. horaria 0.000008 0.000012 0.654 0.513

L14.Temp. prom aire -0.000001 0.000005 -0.141 0.888

L15.Conduct -0.154118 0.092278 -1.670 0.095

L15.Water 9.909049 1.538509 6.441 0.000

L15.Temp 0.239859 0.057252 4.190 0.000

L15.Prep. horaria -0.000009 0.000012 -0.745 0.456

L15.Temp. prom aire 0.000003 0.000005 0.499 0.618

L16.Conduct 0.054870 0.091890 0.597 0.550

L16.Water -6.701605 1.692956 -3.959 0.000

L16.Temp -0.144364 0.057790 -2.498 0.012

L16.Prep. horaria -0.000003 0.000012 -0.244 0.807

L16.Temp. prom aire -0.000003 0.000005 -0.580 0.562

L17.Conduct -0.024766 0.091676 -0.270 0.787

L17.Water 3.038006 1.492084 2.036 0.042

L17.Temp 0.058077 0.053261 1.090 0.276

L17.Prep. horaria -0.000003 0.000012 -0.213 0.831

L17.Temp. prom aire 0.000002 0.000005 0.384 0.701

L18.Conduct 0.041211 0.092192 0.447 0.655

L18.Water -0.374291 0.885742 -0.423 0.673

L18.Temp -0.022423 0.047646 -0.471 0.638

L18.Prep. horaria -0.000021 0.000012 -1.705 0.088

L18.Temp. prom aire -0.000001 0.000005 -0.114 0.909

L19.Conduct 0.002119 0.092314 0.023 0.982

L19.Water -1.474064 NAN NAN NAN

L19.Temp -0.042839 0.045558 -0.940 0.347

L19.Prep. horaria 0.000028 0.000012 2.331 0.020

L19.Temp. prom aire 0.000000 0.000005 0.008 0.994

L20.Conduct -0.029711 0.091868 -0.323 0.746

L20.Water 2.519080 NAN NAN NAN

L20.Temp 0.063462 0.047192 1.345 0.179

L20.Prep. horaria 0.000001 0.000012 0.079 0.937

L20.Temp. prom aire -0.000002 0.000005 -0.281 0.778

L21.Conduct -0.317870 0.090756 -3.502 0.000

L21.Water -2.276759 0.653804 -3.482 0.000

L21.Temp 0.082778 0.048434 1.709 0.087

L21.Prep. horaria -0.000014 0.000012 -1.123 0.261

L21.Temp. prom aire 0.000001 0.000005 0.244 0.807

L22.Conduct 0.814461 0.077536 10.504 0.000

L22.Water 1.064583 0.622906 1.709 0.087

L22.Temp -0.209267 0.043681 -4.791 0.000

L22.Prep. horaria -0.000016 0.000012 -1.348 0.178

L22.Temp. prom aire 0.000001 0.000005 0.249 0.804

L23.Conduct -0.696211 0.042045 -16.559 0.000

L23.Water -0.145423 0.297357 -0.489 0.625

L23.Temp 0.146790 0.027470 5.344 0.000

L23.Prep. horaria -0.000027 0.000012 -2.232 0.026

L23.Temp. prom aire 0.000001 0.000005 0.207 0.836

L24.Conduct 0.203899 0.009851 20.698 0.000

L24.Water -0.034886 0.059703 -0.584 0.559

L24.Temp -0.036033 0.007544 -4.776 0.000

L24.Prep. horaria 0.000049 0.000011 4.613 0.000

L24.Temp. prom aire -0.000002 0.000003 -0.738 0.461

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000003 0.000004 0.672 0.502

L1.Conduct 0.007469 0.001444 5.172 0.000

L1.Water 5.199009 0.008058 645.220 0.000

L1.Temp 0.039106 0.001049 37.284 0.000

L1.Prep. horaria -0.000002 0.000001 -1.262 0.207

L1.Temp. prom aire 0.000000 0.000000 0.897 0.370

L2.Conduct -0.029047 0.006007 -4.835 0.000

L2.Water -11.762425 0.035597 -330.435 0.000

L2.Temp -0.165233 0.003809 -43.379 0.000

L2.Prep. horaria -0.000003 0.000002 -2.038 0.042

L2.Temp. prom aire -0.000000 0.000001 -0.247 0.805

L3.Conduct 0.045546 0.010761 4.232 0.000

L3.Water 15.492331 0.057559 269.157 0.000

L3.Temp 0.280628 0.005814 48.265 0.000

L3.Prep. horaria 0.000002 0.000002 1.480 0.139

L3.Temp. prom aire -0.000000 0.000001 -0.008 0.993

L4.Conduct -0.036441 0.012345 -2.952 0.003

L4.Water -13.698271 NAN NAN NAN

L4.Temp -0.257924 0.005875 -43.899 0.000

L4.Prep. horaria -0.000000 0.000002 -0.066 0.947

L4.Temp. prom aire -0.000000 0.000001 -0.142 0.887

L5.Conduct 0.015852 0.012509 1.267 0.205

L5.Water 9.184520 NAN NAN NAN

L5.Temp 0.164366 0.005750 28.587 0.000

L5.Prep. horaria 0.000003 0.000002 1.857 0.063

L5.Temp. prom aire 0.000000 0.000001 0.149 0.882

L6.Conduct -0.005943 0.012636 -0.470 0.638

L6.Water -5.225570 NAN NAN NAN

L6.Temp -0.094624 0.006416 -14.747 0.000

L6.Prep. horaria -0.000007 0.000002 -4.062 0.000

L6.Temp. prom aire -0.000000 0.000001 -0.445 0.656

L7.Conduct 0.007693 0.012637 0.609 0.543

L7.Water 2.694704 0.136951 19.676 0.000

L7.Temp 0.046630 0.007182 6.492 0.000

L7.Prep. horaria 0.000003 0.000002 1.662 0.097

L7.Temp. prom aire 0.000001 0.000001 1.232 0.218

L8.Conduct -0.007483 0.012570 -0.595 0.552

L8.Water -1.405741 0.181943 -7.726 0.000

L8.Temp -0.023761 0.007439 -3.194 0.001

L8.Prep. horaria -0.000010 0.000002 -6.050 0.000

L8.Temp. prom aire -0.000001 0.000001 -1.405 0.160

L9.Conduct -0.004718 0.012619 -0.374 0.708

L9.Water 1.067618 0.189285 5.640 0.000

L9.Temp 0.024423 0.007438 3.283 0.001

L9.Prep. horaria 0.000002 0.000002 1.480 0.139

L9.Temp. prom aire 0.000000 0.000001 0.429 0.668

L10.Conduct 0.013308 0.012825 1.038 0.299

L10.Water -1.132604 0.198779 -5.698 0.000

L10.Temp -0.026529 0.007723 -3.435 0.001

L10.Prep. horaria -0.000004 0.000002 -2.361 0.018

L10.Temp. prom aire 0.000000 0.000001 0.444 0.657

L11.Conduct -0.000622 0.012926 -0.048 0.962

L11.Water 1.017712 0.221706 4.590 0.000

L11.Temp 0.019687 0.008096 2.432 0.015

L11.Prep. horaria 0.000001 0.000002 0.853 0.394

L11.Temp. prom aire -0.000000 0.000001 -0.120 0.904

L12.Conduct -0.010987 0.012768 -0.861 0.390

L12.Water -0.663049 0.227322 -2.917 0.004

L12.Temp -0.008908 0.007981 -1.116 0.264

L12.Prep. horaria -0.000001 0.000002 -0.518 0.605

L12.Temp. prom aire 0.000000 0.000001 0.124 0.901

L13.Conduct -0.004995 0.012545 -0.398 0.691

L13.Water 0.369815 0.202645 1.825 0.068

L13.Temp 0.008165 0.007480 1.092 0.275

L13.Prep. horaria -0.000003 0.000002 -1.710 0.087

L13.Temp. prom aire -0.000000 0.000001 -0.580 0.562

L14.Conduct 0.030271 0.012424 2.437 0.015

L14.Water -0.238900 0.184030 -1.298 0.194

L14.Temp -0.014511 0.007330 -1.980 0.048

L14.Prep. horaria -0.000001 0.000002 -0.377 0.706

L14.Temp. prom aire 0.000000 0.000001 0.455 0.649

L15.Conduct -0.033601 0.012388 -2.712 0.007

L15.Water 0.161163 0.206539 0.780 0.435

L15.Temp 0.013583 0.007686 1.767 0.077

L15.Prep. horaria -0.000000 0.000002 -0.300 0.764

L15.Temp. prom aire -0.000000 0.000001 -0.064 0.949

L16.Conduct 0.022018 0.012336 1.785 0.074

L16.Water -0.107762 0.227273 -0.474 0.635

L16.Temp -0.009205 0.007758 -1.187 0.235

L16.Prep. horaria 0.000000 0.000002 0.060 0.952

L16.Temp. prom aire 0.000000 0.000001 0.152 0.879

L17.Conduct -0.014173 0.012307 -1.152 0.249

L17.Water 0.076765 0.200307 0.383 0.702

L17.Temp 0.006074 0.007150 0.850 0.396

L17.Prep. horaria 0.000000 0.000002 0.156 0.876

L17.Temp. prom aire -0.000000 0.000001 -0.152 0.880

L18.Conduct 0.002269 0.012377 0.183 0.855

L18.Water 0.048426 0.118908 0.407 0.684

L18.Temp 0.001793 0.006396 0.280 0.779

L18.Prep. horaria 0.000001 0.000002 0.389 0.697

L18.Temp. prom aire 0.000000 0.000001 0.120 0.904

L19.Conduct 0.009282 0.012393 0.749 0.454

L19.Water -0.221328 NAN NAN NAN

L19.Temp -0.006826 0.006116 -1.116 0.264

L19.Prep. horaria 0.000003 0.000002 1.749 0.080

L19.Temp. prom aire -0.000000 0.000001 -0.026 0.980

L20.Conduct 0.007223 0.012333 0.586 0.558

L20.Water 0.208029 NAN NAN NAN

L20.Temp 0.000940 0.006335 0.148 0.882

L20.Prep. horaria 0.000004 0.000002 2.253 0.024

L20.Temp. prom aire -0.000000 0.000001 -0.634 0.526

L21.Conduct -0.050251 0.012184 -4.124 0.000

L21.Water -0.111508 0.087771 -1.270 0.204

L21.Temp 0.012248 0.006502 1.884 0.060

L21.Prep. horaria 0.000001 0.000002 0.411 0.681

L21.Temp. prom aire 0.000001 0.000001 0.737 0.461

L22.Conduct 0.073219 0.010409 7.034 0.000

L22.Water 0.142645 0.083623 1.706 0.088

L22.Temp -0.024316 0.005864 -4.147 0.000

L22.Prep. horaria -0.000003 0.000002 -1.598 0.110

L22.Temp. prom aire 0.000000 0.000001 0.047 0.962

L23.Conduct -0.048148 0.005644 -8.530 0.000

L23.Water -0.144430 0.039919 -3.618 0.000

L23.Temp 0.020420 0.003688 5.537 0.000

L23.Prep. horaria -0.000002 0.000002 -1.217 0.223

L23.Temp. prom aire -0.000000 0.000001 -0.376 0.707

L24.Conduct 0.012259 0.001322 9.270 0.000

L24.Water 0.048851 0.008015 6.095 0.000

L24.Temp -0.006227 0.001013 -6.148 0.000

L24.Prep. horaria 0.000004 0.000001 3.013 0.003

L24.Temp. prom aire 0.000000 0.000000 0.026 0.980

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000091 0.000040 2.294 0.022

L1.Conduct -0.114615 0.014671 -7.812 0.000

L1.Water 1.006907 0.081864 12.300 0.000

L1.Temp 3.268796 0.010656 306.757 0.000

L1.Prep. horaria 0.000008 0.000014 0.590 0.555

L1.Temp. prom aire -0.000000 0.000004 -0.099 0.921

L2.Conduct 0.398502 0.061030 6.530 0.000

L2.Water -4.505131 0.361650 -12.457 0.000

L2.Temp -3.428981 0.038699 -88.607 0.000

L2.Prep. horaria 0.000000 0.000016 0.020 0.984

L2.Temp. prom aire -0.000006 0.000007 -0.892 0.372

L3.Conduct -0.478279 0.109330 -4.375 0.000

L3.Water 8.340681 0.584776 14.263 0.000

L3.Temp 0.927021 0.059071 15.693 0.000

L3.Prep. horaria -0.000003 0.000017 -0.176 0.860

L3.Temp. prom aire 0.000007 0.000007 0.987 0.324

L4.Conduct 0.181726 0.125421 1.449 0.147

L4.Water -8.540754 NAN NAN NAN

L4.Temp 0.103824 0.059692 1.739 0.082

L4.Prep. horaria 0.000007 0.000017 0.448 0.654

L4.Temp. prom aire 0.000006 0.000007 0.790 0.430

L5.Conduct 0.046810 0.127082 0.368 0.713

L5.Water 5.823623 NAN NAN NAN

L5.Temp 0.243744 0.058415 4.173 0.000

L5.Prep. horaria 0.000004 0.000017 0.238 0.812

L5.Temp. prom aire -0.000003 0.000007 -0.421 0.674

L6.Conduct -0.026021 0.128379 -0.203 0.839

L6.Water -3.142899 NAN NAN NAN

L6.Temp -0.014453 0.065189 -0.222 0.825

L6.Prep. horaria 0.000002 0.000017 0.095 0.924

L6.Temp. prom aire 0.000007 0.000007 0.953 0.341

L7.Conduct -0.012353 0.128384 -0.096 0.923

L7.Water 1.111553 1.391371 0.799 0.424

L7.Temp -0.018892 0.072969 -0.259 0.796

L7.Prep. horaria 0.000005 0.000017 0.301 0.764

L7.Temp. prom aire -0.000012 0.000007 -1.597 0.110

L8.Conduct -0.002743 0.127706 -0.021 0.983

L8.Water 0.215779 1.848475 0.117 0.907

L8.Temp -0.048929 0.075578 -0.647 0.517

L8.Prep. horaria 0.000001 0.000017 0.088 0.930

L8.Temp. prom aire 0.000007 0.000007 0.889 0.374

L9.Conduct 0.022243 0.128202 0.174 0.862

L9.Water -0.503408 1.923068 -0.262 0.793

L9.Temp -0.062378 0.075572 -0.825 0.409

L9.Prep. horaria 0.000008 0.000017 0.471 0.638

L9.Temp. prom aire -0.000008 0.000007 -1.088 0.277

L10.Conduct -0.023975 0.130302 -0.184 0.854

L10.Water 0.139386 2.019523 0.069 0.945

L10.Temp -0.003106 0.078465 -0.040 0.968

L10.Prep. horaria 0.000001 0.000017 0.061 0.951

L10.Temp. prom aire 0.000003 0.000007 0.372 0.710

L11.Conduct 0.001133 0.131324 0.009 0.993

L11.Water 0.230025 2.252456 0.102 0.919

L11.Temp 0.012811 0.082255 0.156 0.876

L11.Prep. horaria -0.000001 0.000017 -0.069 0.945

L11.Temp. prom aire 0.000006 0.000007 0.862 0.389

L12.Conduct 0.022638 0.129718 0.175 0.861

L12.Water -0.308534 2.309508 -0.134 0.894

L12.Temp 0.001731 0.081083 0.021 0.983

L12.Prep. horaria -0.000005 0.000017 -0.281 0.779

L12.Temp. prom aire -0.000007 0.000007 -0.939 0.348

L13.Conduct -0.031569 0.127456 -0.248 0.804

L13.Water 0.119145 2.058803 0.058 0.954

L13.Temp 0.030780 0.075990 0.405 0.685

L13.Prep. horaria -0.000002 0.000017 -0.117 0.907

L13.Temp. prom aire 0.000010 0.000007 1.290 0.197

L14.Conduct 0.030018 0.126220 0.238 0.812

L14.Water 0.236566 1.869681 0.127 0.899

L14.Temp 0.005638 0.074467 0.076 0.940

L14.Prep. horaria 0.000006 0.000017 0.369 0.712

L14.Temp. prom aire -0.000006 0.000007 -0.841 0.400

L15.Conduct -0.002268 0.125857 -0.018 0.986

L15.Water -0.616242 2.098364 -0.294 0.769

L15.Temp -0.006456 0.078086 -0.083 0.934

L15.Prep. horaria 0.000007 0.000017 0.430 0.667

L15.Temp. prom aire -0.000000 0.000007 -0.064 0.949

L16.Conduct -0.035812 0.125328 -0.286 0.775

L16.Water 0.795752 2.309013 0.345 0.730

L16.Temp 0.017223 0.078819 0.219 0.827

L16.Prep. horaria 0.000004 0.000017 0.260 0.795

L16.Temp. prom aire 0.000000 0.000007 0.030 0.976

L17.Conduct 0.015812 0.125036 0.126 0.899

L17.Water -0.609549 2.035045 -0.300 0.765

L17.Temp -0.036694 0.072643 -0.505 0.613

L17.Prep. horaria 0.000002 0.000017 0.091 0.928

L17.Temp. prom aire -0.000001 0.000007 -0.081 0.936

L18.Conduct 0.045352 0.125741 0.361 0.718

L18.Water 0.165720 1.208058 0.137 0.891

L18.Temp -0.035482 0.064984 -0.546 0.585

L18.Prep. horaria -0.000002 0.000017 -0.091 0.927

L18.Temp. prom aire -0.000001 0.000007 -0.149 0.882

L19.Conduct -0.054420 0.125907 -0.432 0.666

L19.Water 0.172354 NAN NAN NAN

L19.Temp 0.006153 0.062136 0.099 0.921

L19.Prep. horaria -0.000004 0.000017 -0.263 0.793

L19.Temp. prom aire 0.000001 0.000007 0.110 0.912

L20.Conduct 0.022670 0.125298 0.181 0.856

L20.Water -0.345751 NAN NAN NAN

L20.Temp 0.001008 0.064365 0.016 0.988

L20.Prep. horaria -0.000000 0.000017 -0.008 0.994

L20.Temp. prom aire 0.000002 0.000007 0.323 0.747

L21.Conduct -0.045041 0.123782 -0.364 0.716

L21.Water 0.643847 0.891719 0.722 0.470

L21.Temp 0.090928 0.066059 1.376 0.169

L21.Prep. horaria -0.000006 0.000017 -0.369 0.712

L21.Temp. prom aire 0.000001 0.000007 0.104 0.917

L22.Conduct 0.094623 0.105751 0.895 0.371

L22.Water -0.843374 0.849578 -0.993 0.321

L22.Temp 0.076358 0.059576 1.282 0.200

L22.Prep. horaria -0.000005 0.000017 -0.314 0.754

L22.Temp. prom aire -0.000001 0.000007 -0.183 0.855

L23.Conduct -0.074945 0.057344 -1.307 0.191

L23.Water 0.554927 0.405564 1.368 0.171

L23.Temp -0.230899 0.037466 -6.163 0.000

L23.Prep. horaria -0.000002 0.000016 -0.095 0.924

L23.Temp. prom aire 0.000013 0.000007 1.934 0.053

L24.Conduct 0.020513 0.013436 1.527 0.127

L24.Water -0.140624 0.081428 -1.727 0.084

L24.Temp 0.100252 0.010290 9.743 0.000

L24.Prep. horaria -0.000002 0.000014 -0.113 0.910

L24.Temp. prom aire -0.000015 0.000004 -3.713 0.000

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.089271 0.025438 -3.509 0.000

L1.Conduct 25.226022 9.430925 2.675 0.007

L1.Water 24.174548 52.624870 0.459 0.646

L1.Temp -2.730699 6.850051 -0.399 0.690

L1.Prep. horaria 0.564933 0.009261 61.000 0.000

L1.Temp. prom aire -0.001105 0.002517 -0.439 0.661

L2.Conduct -73.692598 39.232554 -1.878 0.060

L2.Water -249.311609 232.481650 -1.072 0.284

L2.Temp 7.899027 24.877009 0.318 0.751

L2.Prep. horaria 0.130217 0.010583 12.305 0.000

L2.Temp. prom aire 0.006363 0.004482 1.420 0.156

L3.Conduct 53.987419 70.281574 0.768 0.442

L3.Water 724.165577 375.915457 1.926 0.054

L3.Temp 1.116597 37.973104 0.029 0.977

L3.Prep. horaria 0.013568 0.010679 1.271 0.204

L3.Temp. prom aire -0.003976 0.004754 -0.836 0.403

L4.Conduct 35.278092 80.625043 0.438 0.662

L4.Water -964.007552 NAN NAN NAN

L4.Temp -27.040572 38.371901 -0.705 0.481

L4.Prep. horaria -0.028692 0.010679 -2.687 0.007

L4.Temp. prom aire 0.001464 0.004758 0.308 0.758

L5.Conduct -68.275792 81.692945 -0.836 0.403

L5.Water 840.020785 NAN NAN NAN

L5.Temp 38.023291 37.551000 1.013 0.311

L5.Prep. horaria -0.006227 0.010659 -0.584 0.559

L5.Temp. prom aire -0.003559 0.004758 -0.748 0.454

L6.Conduct 44.401274 82.526429 0.538 0.591

L6.Water -988.773703 NAN NAN NAN

L6.Temp -35.942884 41.906012 -0.858 0.391

L6.Prep. horaria 0.012337 0.010648 1.159 0.247

L6.Temp. prom aire 0.004293 0.004758 0.902 0.367

L7.Conduct -56.152760 82.530191 -0.680 0.496

L7.Water 1386.916681 894.424035 1.551 0.121

L7.Temp 45.986111 46.907333 0.980 0.327

L7.Prep. horaria 0.033444 0.010644 3.142 0.002

L7.Temp. prom aire -0.003703 0.004757 -0.778 0.436

L8.Conduct 74.791819 82.094377 0.911 0.362

L8.Water -1146.298285 1188.267065 -0.965 0.335

L8.Temp -41.518665 48.584415 -0.855 0.393

L8.Prep. horaria -0.041349 0.010652 -3.882 0.000

L8.Temp. prom aire 0.003782 0.004757 0.795 0.427

L9.Conduct -38.740680 82.412625 -0.470 0.638

L9.Water 239.746995 1236.218288 0.194 0.846

L9.Temp 14.410788 48.580531 0.297 0.767

L9.Prep. horaria 0.034907 0.010661 3.274 0.001

L9.Temp. prom aire -0.003541 0.004758 -0.744 0.457

L10.Conduct 22.965438 83.762705 0.274 0.784

L10.Water 0.745518 1298.222891 0.001 1.000

L10.Temp -13.235206 50.440269 -0.262 0.793

L10.Prep. horaria 0.047358 0.010663 4.441 0.000

L10.Temp. prom aire 0.003405 0.004757 0.716 0.474

L11.Conduct -101.258766 84.419694 -1.199 0.230

L11.Water 1139.496288 1447.960524 0.787 0.431

L11.Temp 59.985758 52.876290 1.134 0.257

L11.Prep. horaria -0.007876 0.010676 -0.738 0.461

L11.Temp. prom aire 0.000143 0.004756 0.030 0.976

L12.Conduct 204.614880 83.387371 2.454 0.014

L12.Water -2700.972299 1484.635966 -1.819 0.069

L12.Temp -126.481864 52.122831 -2.427 0.015

L12.Prep. horaria 0.029528 0.010676 2.766 0.006

L12.Temp. prom aire -0.004909 0.004756 -1.032 0.302

L13.Conduct -238.324529 81.933128 -2.909 0.004

L13.Water 3616.009456 1323.473574 2.732 0.006

L13.Temp 154.791228 48.849184 3.169 0.002

L13.Prep. horaria -0.004257 0.010676 -0.399 0.690

L13.Temp. prom aire 0.004578 0.004757 0.962 0.336

L14.Conduct 171.047704 81.138960 2.108 0.035

L14.Water -2922.480762 1201.899257 -2.432 0.015

L14.Temp -102.591274 47.869957 -2.143 0.032

L14.Prep. horaria -0.015292 0.010680 -1.432 0.152

L14.Temp. prom aire 0.001542 0.004757 0.324 0.746

L15.Conduct -77.590190 80.905508 -0.959 0.338

L15.Water -736.112045 1348.904774 -0.546 0.585

L15.Temp -11.575704 50.196307 -0.231 0.818

L15.Prep. horaria 0.016848 0.010673 1.579 0.114

L15.Temp. prom aire -0.004183 0.004758 -0.879 0.379

L16.Conduct 65.219255 80.565204 0.810 0.418

L16.Water 6932.725145 1484.317918 4.671 0.000

L16.Temp 139.488187 50.667604 2.753 0.006

L16.Prep. horaria -0.023156 0.010672 -2.170 0.030

L16.Temp. prom aire 0.002188 0.004758 0.460 0.646

L17.Conduct -97.830390 80.377926 -1.217 0.224

L17.Water -12975.156052 1308.201320 -9.918 0.000

L17.Temp -245.334161 46.697254 -5.254 0.000

L17.Prep. horaria 0.010778 0.010667 1.010 0.312

L17.Temp. prom aire -0.000162 0.004758 -0.034 0.973

L18.Conduct 84.067120 80.830734 1.040 0.298

L18.Water 16738.213040 776.583968 21.554 0.000

L18.Temp 318.924802 41.774331 7.634 0.000

L18.Prep. horaria 0.009985 0.010658 0.937 0.349

L18.Temp. prom aire 0.000119 0.004758 0.025 0.980

L19.Conduct -30.935022 80.937407 -0.382 0.702

L19.Water -17846.562936 NAN NAN NAN

L19.Temp -351.734043 39.943564 -8.806 0.000

L19.Prep. horaria -0.014797 0.010658 -1.388 0.165

L19.Temp. prom aire -0.003374 0.004758 -0.709 0.478

L20.Conduct 12.941000 80.545973 0.161 0.872

L20.Water 16552.331082 NAN NAN NAN

L20.Temp 318.706231 41.376426 7.703 0.000

L20.Prep. horaria -0.008280 0.010666 -0.776 0.438

L20.Temp. prom aire 0.008175 0.004758 1.718 0.086

L21.Conduct -49.356733 79.571359 -0.620 0.535

L21.Water -12897.686317 573.229680 -22.500 0.000

L21.Temp -225.601007 42.464858 -5.313 0.000

L21.Prep. horaria -0.014043 0.010666 -1.317 0.188

L21.Temp. prom aire -0.005588 0.004758 -1.175 0.240

L22.Conduct 67.559840 67.980756 0.994 0.320

L22.Water 7568.505968 546.139542 13.858 0.000

L22.Temp 118.354170 38.297641 3.090 0.002

L22.Prep. horaria 0.013956 0.010659 1.309 0.190

L22.Temp. prom aire 0.001901 0.004754 0.400 0.689

L23.Conduct -37.877021 36.863124 -1.028 0.304

L23.Water -2816.879948 260.711189 -10.805 0.000

L23.Temp -40.272008 24.084718 -1.672 0.095

L23.Prep. horaria 0.034795 0.010560 3.295 0.001

L23.Temp. prom aire -0.002834 0.004484 -0.632 0.527

L24.Conduct 7.934522 8.637059 0.919 0.358

L24.Water 481.194248 52.345199 9.193 0.000

L24.Temp 6.372780 6.614658 0.963 0.335

L24.Prep. horaria -0.004540 0.009244 -0.491 0.623

L24.Temp. prom aire 0.000641 0.002518 0.255 0.799

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.146561 0.093251 1.572 0.116

L1.Conduct 8.246874 34.571623 0.239 0.811

L1.Water 97.303527 192.910779 0.504 0.614

L1.Temp -24.386378 25.110726 -0.971 0.331

L1.Prep. horaria 0.030373 0.033950 0.895 0.371

L1.Temp. prom aire 1.469848 0.009226 159.318 0.000

L2.Conduct -19.098158 143.817601 -0.133 0.894

L2.Water -229.319150 852.224739 -0.269 0.788

L2.Temp -6.330287 91.193446 -0.069 0.945

L2.Prep. horaria 0.014302 0.038794 0.369 0.712

L2.Temp. prom aire -0.624041 0.016430 -37.981 0.000

L3.Conduct 9.497079 257.636231 0.037 0.971

L3.Water -230.784400 1378.020383 -0.167 0.867

L3.Temp 195.125404 139.200744 1.402 0.161

L3.Prep. horaria -0.013362 0.039147 -0.341 0.733

L3.Temp. prom aire 0.076754 0.017428 4.404 0.000

L4.Conduct -4.317066 295.553030 -0.015 0.988

L4.Water 1584.873901 NAN NAN NAN

L4.Temp -226.556152 140.662644 -1.611 0.107

L4.Prep. horaria 0.000703 0.039146 0.018 0.986

L4.Temp. prom aire -0.030083 0.017442 -1.725 0.085

L5.Conduct 18.111834 299.467715 0.060 0.952

L5.Water -3261.529657 NAN NAN NAN

L5.Temp -49.645525 137.653407 -0.361 0.718

L5.Prep. horaria -0.007714 0.039075 -0.197 0.844

L5.Temp. prom aire -0.011829 0.017443 -0.678 0.498

L6.Conduct -9.288311 302.523077 -0.031 0.976

L6.Water 5081.243172 NAN NAN NAN

L6.Temp 199.067333 153.617889 1.296 0.195

L6.Prep. horaria 0.015807 0.039035 0.405 0.686

L6.Temp. prom aire 0.017059 0.017440 0.978 0.328

L7.Conduct -7.662369 302.536870 -0.025 0.980

L7.Water -7325.360753 3278.754647 -2.234 0.025

L7.Temp -239.691232 171.951590 -1.394 0.163

L7.Prep. horaria 0.018453 0.039018 0.473 0.636

L7.Temp. prom aire -0.032626 0.017438 -1.871 0.061

L8.Conduct -10.594929 300.939275 -0.035 0.972

L8.Water 9288.044010 4355.916221 2.132 0.033

L8.Temp 340.034050 178.099393 1.909 0.056

L8.Prep. horaria 0.029428 0.039046 0.754 0.451

L8.Temp. prom aire 0.011126 0.017440 0.638 0.523

L9.Conduct 53.732609 302.105899 0.178 0.859

L9.Water -9264.986864 4531.694474 -2.044 0.041

L9.Temp -210.482442 178.085153 -1.182 0.237

L9.Prep. horaria -0.034400 0.039082 -0.880 0.379

L9.Temp. prom aire 0.011809 0.017441 0.677 0.498

L10.Conduct -77.499922 307.054985 -0.252 0.801

L10.Water 6489.761675 4758.989216 1.364 0.173

L10.Temp 86.475750 184.902529 0.468 0.640

L10.Prep. horaria -0.036283 0.039088 -0.928 0.353

L10.Temp. prom aire -0.000106 0.017439 -0.006 0.995

L11.Conduct 32.551825 309.463358 0.105 0.916

L11.Water -2584.519990 5307.893251 -0.487 0.626

L11.Temp -170.626210 193.832426 -0.880 0.379

L11.Prep. horaria 0.005131 0.039137 0.131 0.896

L11.Temp. prom aire -0.020406 0.017435 -1.170 0.242

L12.Conduct 30.590373 305.679096 0.100 0.920

L12.Water 255.776807 5442.337062 0.047 0.963

L12.Temp 97.553025 191.070418 0.511 0.610

L12.Prep. horaria 0.014011 0.039137 0.358 0.720

L12.Temp. prom aire 0.020139 0.017435 1.155 0.248

L13.Conduct -9.440640 300.348171 -0.031 0.975

L13.Water -1007.123966 4851.552467 -0.208 0.836

L13.Temp 31.244998 179.069974 0.174 0.861

L13.Prep. horaria -0.009661 0.039134 -0.247 0.805

L13.Temp. prom aire -0.023867 0.017437 -1.369 0.171

L14.Conduct 6.245432 297.436935 0.021 0.983

L14.Water 4371.187048 4405.888730 0.992 0.321

L14.Temp 8.079346 175.480350 0.046 0.963

L14.Prep. horaria -0.015104 0.039151 -0.386 0.700

L14.Temp. prom aire 0.028780 0.017438 1.650 0.099

L15.Conduct -119.509313 296.581151 -0.403 0.687

L15.Water -8133.309216 4944.777448 -1.645 0.100

L15.Temp -132.438203 184.008222 -0.720 0.472

L15.Prep. horaria 0.018120 0.039125 0.463 0.643

L15.Temp. prom aire -0.024632 0.017440 -1.412 0.158

L16.Conduct 219.287346 295.333674 0.743 0.458

L16.Water 9322.784210 5441.171171 1.713 0.087

L16.Temp 102.262653 185.735889 0.551 0.582

L16.Prep. horaria -0.012556 0.039122 -0.321 0.748

L16.Temp. prom aire -0.009114 0.017443 -0.522 0.601

L17.Conduct -318.619848 294.647155 -1.081 0.280

L17.Water -6953.751822 4795.567863 -1.450 0.147

L17.Temp 91.299408 171.181489 0.533 0.594

L17.Prep. horaria 0.004610 0.039102 0.118 0.906

L17.Temp. prom aire 0.021421 0.017443 1.228 0.219

L18.Conduct 458.866574 296.307047 1.549 0.121

L18.Water 3555.403584 2846.779821 1.249 0.212

L18.Temp -131.980688 153.135176 -0.862 0.389

L18.Prep. horaria 0.001781 0.039070 0.046 0.964

L18.Temp. prom aire -0.013983 0.017441 -0.802 0.423

L19.Conduct -432.690885 296.698087 -1.458 0.145

L19.Water -1625.428230 NAN NAN NAN

L19.Temp 149.121786 146.424002 1.018 0.308

L19.Prep. horaria -0.038590 0.039069 -0.988 0.323

L19.Temp. prom aire 0.019478 0.017440 1.117 0.264

L20.Conduct 221.113449 295.263179 0.749 0.454

L20.Water 584.964298 NAN NAN NAN

L20.Temp -187.013503 151.676546 -1.233 0.218

L20.Prep. horaria -0.018632 0.039098 -0.477 0.634

L20.Temp. prom aire -0.010617 0.017440 -0.609 0.543

L21.Conduct -35.606424 291.690465 -0.122 0.903

L21.Water 479.048791 2101.329350 0.228 0.820

L21.Temp 115.509168 155.666490 0.742 0.458

L21.Prep. horaria 0.011141 0.039099 0.285 0.776

L21.Temp. prom aire 0.024469 0.017440 1.403 0.161

L22.Conduct -40.632671 249.201957 -0.163 0.870

L22.Water -898.723306 2002.023080 -0.449 0.653

L22.Temp -145.921198 140.390423 -1.039 0.299

L22.Prep. horaria 0.016092 0.039074 0.412 0.680

L22.Temp. prom aire 0.026472 0.017428 1.519 0.129

L23.Conduct 35.845064 135.131810 0.265 0.791

L23.Water 509.034350 955.707794 0.533 0.594

L23.Temp 174.232705 88.289086 1.973 0.048

L23.Prep. horaria 0.025318 0.038710 0.654 0.513

L23.Temp. prom aire 0.167755 0.016436 10.206 0.000

L24.Conduct -9.127332 31.661489 -0.288 0.773

L24.Water -104.587840 191.885570 -0.545 0.586

L24.Temp -64.914945 24.247827 -2.677 0.007

L24.Prep. horaria -0.034914 0.033887 -1.030 0.303

L24.Temp. prom aire -0.133942 0.009232 -14.509 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.263950 0.392908 0.007533 0.000874

Water 0.263950 1.000000 -0.233875 -0.004029 0.011821

Temp 0.392908 -0.233875 1.000000 0.005221 -0.022514

Prep. horaria 0.007533 -0.004029 0.005221 1.000000 -0.025833

Temp. prom aire 0.000874 0.011821 -0.022514 -0.025833 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -51.8048

Nobs: 11665.0 HQIC: -52.0584

Log likelihood: 222225. FPE: 2.16567e-23

AIC: -52.1867 Det(Omega\_mle): 2.05676e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.001232 0.000331 3.718 0.000

L1.Conduct 2.884922 0.009656 298.754 0.000

L1.Water 8.116607 0.363928 22.303 0.000

L1.Temp -2.466005 0.297791 -8.281 0.000

L1.Prep. horaria -0.000216 0.000108 -2.005 0.045

L1.Temp. prom aire -0.000022 0.000030 -0.735 0.462

L2.Conduct -2.463719 0.029732 -82.863 0.000

L2.Water -29.495999 1.467028 -20.106 0.000

L2.Temp 11.507005 1.414531 8.135 0.000

L2.Prep. horaria 0.000669 0.000124 5.394 0.000

L2.Temp. prom aire 0.000006 0.000053 0.112 0.911

L3.Conduct 0.266545 0.038609 6.904 0.000

L3.Water 37.506274 2.429235 15.440 0.000

L3.Temp -21.422713 2.839671 -7.544 0.000

L3.Prep. horaria -0.000537 0.000125 -4.288 0.000

L3.Temp. prom aire 0.000031 0.000056 0.555 0.579

L4.Conduct 0.217486 0.038802 5.605 0.000

L4.Water -16.882739 2.489280 -6.782 0.000

L4.Temp 19.722392 3.333936 5.916 0.000

L4.Prep. horaria 0.000016 0.000125 0.128 0.898

L4.Temp. prom aire -0.000019 0.000056 -0.348 0.728

L5.Conduct 0.084416 0.038833 2.174 0.030

L5.Water 0.291546 2.611890 0.112 0.911

L5.Temp -8.065082 3.428384 -2.352 0.019

L5.Prep. horaria 0.000155 0.000125 1.242 0.214

L5.Temp. prom aire 0.000045 0.000056 0.804 0.421

L6.Conduct 0.047290 0.038848 1.217 0.223

L6.Water 1.711770 2.839701 0.603 0.547

L6.Temp -3.200744 4.047681 -0.791 0.429

L6.Prep. horaria 0.000072 0.000125 0.573 0.567

L6.Temp. prom aire -0.000034 0.000056 -0.611 0.541

L7.Conduct 0.029816 0.038845 0.768 0.443

L7.Water -9.736150 2.500871 -3.893 0.000

L7.Temp 11.580064 3.963176 2.922 0.003

L7.Prep. horaria 0.000067 0.000125 0.537 0.591

L7.Temp. prom aire -0.000052 0.000056 -0.924 0.356

L8.Conduct -0.039681 0.038810 -1.022 0.307

L8.Water 13.977386 1.673886 8.350 0.000

L8.Temp -15.419378 2.132950 -7.229 0.000

L8.Prep. horaria 0.000051 0.000125 0.407 0.684

L8.Temp. prom aire 0.000101 0.000056 1.806 0.071

L9.Conduct -0.032869 0.038806 -0.847 0.397

L9.Water -6.214987 1.245207 -4.991 0.000

L9.Temp 14.261979 NAN NAN NAN

L9.Prep. horaria -0.000035 0.000125 -0.280 0.780

L9.Temp. prom aire -0.000031 0.000056 -0.551 0.582

L10.Conduct -0.003970 0.038822 -0.102 0.919

L10.Water 5.513534 1.994285 2.765 0.006

L10.Temp -14.562947 NAN NAN NAN

L10.Prep. horaria 0.000001 0.000125 0.007 0.994

L10.Temp. prom aire -0.000082 0.000056 -1.465 0.143

L11.Conduct -0.000112 0.038811 -0.003 0.998

L11.Water -10.576465 2.946761 -3.589 0.000

L11.Temp 17.469847 2.409167 7.251 0.000

L11.Prep. horaria -0.000106 0.000125 -0.845 0.398

L11.Temp. prom aire 0.000087 0.000056 1.547 0.122

L12.Conduct 0.007250 0.038767 0.187 0.852

L12.Water 9.065655 3.508908 2.584 0.010

L12.Temp -17.415876 4.616572 -3.772 0.000

L12.Prep. horaria -0.000083 0.000125 -0.659 0.510

L12.Temp. prom aire -0.000061 0.000056 -1.084 0.278

L13.Conduct 0.009070 0.038740 0.234 0.815

L13.Water -5.626376 3.458577 -1.627 0.104

L13.Temp 12.825242 4.543735 2.823 0.005

L13.Prep. horaria 0.000158 0.000125 1.256 0.209

L13.Temp. prom aire 0.000054 0.000056 0.966 0.334

L14.Conduct 0.009311 0.038720 0.240 0.810

L14.Water 2.526919 2.911955 0.868 0.386

L14.Temp -5.724578 2.180156 -2.626 0.009

L14.Prep. horaria -0.000092 0.000125 -0.732 0.464

L14.Temp. prom aire 0.000008 0.000056 0.145 0.885

L15.Conduct -0.009694 0.038678 -0.251 0.802

L15.Water 0.754834 2.469497 0.306 0.760

L15.Temp -0.247748 NAN NAN NAN

L15.Prep. horaria -0.000065 0.000125 -0.519 0.604

L15.Temp. prom aire -0.000047 0.000056 -0.842 0.400

L16.Conduct -0.010915 0.038659 -0.282 0.778

L16.Water -1.250980 2.723776 -0.459 0.646

L16.Temp 2.404746 NAN NAN NAN

L16.Prep. horaria -0.000063 0.000125 -0.499 0.618

L16.Temp. prom aire 0.000015 0.000056 0.266 0.790

L17.Conduct -0.000432 0.038643 -0.011 0.991

L17.Water 1.213992 3.206274 0.379 0.705

L17.Temp -3.092416 2.196893 -1.408 0.159

L17.Prep. horaria -0.000125 0.000125 -0.994 0.320

L17.Temp. prom aire 0.000002 0.000056 0.042 0.966

L18.Conduct -0.013927 0.038644 -0.360 0.719

L18.Water -2.296047 3.452326 -0.665 0.506

L18.Temp 5.214622 3.439459 1.516 0.129

L18.Prep. horaria 0.000313 0.000125 2.503 0.012

L18.Temp. prom aire -0.000005 0.000056 -0.086 0.931

L19.Conduct -0.004619 0.038666 -0.119 0.905

L19.Water 4.181263 3.493145 1.197 0.231

L19.Temp -8.605793 3.387860 -2.540 0.011

L19.Prep. horaria -0.000103 0.000125 -0.826 0.409

L19.Temp. prom aire -0.000001 0.000056 -0.023 0.982

L20.Conduct 0.009826 0.038685 0.254 0.799

L20.Water -6.997461 3.512239 -1.992 0.046

L20.Temp 11.260805 3.123292 3.605 0.000

L20.Prep. horaria -0.000132 0.000125 -1.054 0.292

L20.Temp. prom aire 0.000006 0.000056 0.109 0.913

L21.Conduct 0.027414 0.038629 0.710 0.478

L21.Water 5.216473 3.494715 1.493 0.136

L21.Temp -10.310161 3.345982 -3.081 0.002

L21.Prep. horaria 0.000093 0.000125 0.739 0.460

L21.Temp. prom aire 0.000011 0.000056 0.188 0.851

L22.Conduct 0.065242 0.038253 1.706 0.088

L22.Water 1.477317 2.953082 0.500 0.617

L22.Temp 5.948466 2.868412 2.074 0.038

L22.Prep. horaria -0.000048 0.000125 -0.381 0.703

L22.Temp. prom aire -0.000022 0.000056 -0.399 0.690

L23.Conduct -0.125201 0.028685 -4.365 0.000

L23.Water -3.880097 1.575030 -2.464 0.014

L23.Temp -1.940019 1.420222 -1.366 0.172

L23.Prep. horaria 0.000147 0.000124 1.185 0.236

L23.Temp. prom aire 0.000060 0.000053 1.129 0.259

L24.Conduct 0.046547 0.009119 5.104 0.000

L24.Water 1.403726 0.361008 3.888 0.000

L24.Temp 0.278261 0.298092 0.933 0.351

L24.Prep. horaria 0.000056 0.000108 0.516 0.606

L24.Temp. prom aire -0.000052 0.000030 -1.747 0.081

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000030 0.000009 3.158 0.002

L1.Conduct -0.001795 0.000273 -6.573 0.000

L1.Water 3.924090 0.010294 381.183 0.000

L1.Temp -0.005425 0.008424 -0.644 0.520

L1.Prep. horaria -0.000001 0.000003 -0.270 0.788

L1.Temp. prom aire 0.000000 0.000001 0.056 0.956

L2.Conduct 0.005316 0.000841 6.320 0.000

L2.Water -5.575653 0.041498 -134.359 0.000

L2.Temp -0.008612 0.040013 -0.215 0.830

L2.Prep. horaria -0.000001 0.000004 -0.368 0.713

L2.Temp. prom aire -0.000001 0.000001 -0.895 0.371

L3.Conduct -0.005056 0.001092 -4.630 0.000

L3.Water 2.993197 0.068716 43.559 0.000

L3.Temp 0.092382 0.080326 1.150 0.250

L3.Prep. horaria 0.000001 0.000004 0.253 0.800

L3.Temp. prom aire 0.000002 0.000002 1.514 0.130

L4.Conduct 0.000833 0.001098 0.759 0.448

L4.Water 0.134001 0.070415 1.903 0.057

L4.Temp -0.197467 0.094308 -2.094 0.036

L4.Prep. horaria 0.000003 0.000004 0.975 0.330

L4.Temp. prom aire -0.000000 0.000002 -0.075 0.940

L5.Conduct 0.001080 0.001098 0.983 0.326

L5.Water -0.508233 0.073883 -6.879 0.000

L5.Temp 0.241771 0.096979 2.493 0.013

L5.Prep. horaria -0.000000 0.000004 -0.017 0.986

L5.Temp. prom aire -0.000002 0.000002 -1.013 0.311

L6.Conduct -0.000193 0.001099 -0.175 0.861

L6.Water 0.042472 0.080327 0.529 0.597

L6.Temp -0.264446 0.114498 -2.310 0.021

L6.Prep. horaria -0.000007 0.000004 -2.096 0.036

L6.Temp. prom aire 0.000002 0.000002 1.078 0.281

L7.Conduct -0.000099 0.001099 -0.090 0.928

L7.Water -0.120932 0.070743 -1.709 0.087

L7.Temp 0.303938 0.112107 2.711 0.007

L7.Prep. horaria -0.000004 0.000004 -1.157 0.247

L7.Temp. prom aire -0.000002 0.000002 -1.308 0.191

L8.Conduct 0.000089 0.001098 0.081 0.935

L8.Water 0.216636 0.047350 4.575 0.000

L8.Temp -0.378964 0.060335 -6.281 0.000

L8.Prep. horaria 0.000003 0.000004 0.771 0.441

L8.Temp. prom aire 0.000002 0.000002 1.321 0.186

L9.Conduct -0.000565 0.001098 -0.514 0.607

L9.Water -0.333515 0.035223 -9.469 0.000

L9.Temp 0.625343 NAN NAN NAN

L9.Prep. horaria 0.000005 0.000004 1.414 0.157

L9.Temp. prom aire -0.000002 0.000002 -1.079 0.280

L10.Conduct 0.000126 0.001098 0.115 0.908

L10.Water 0.635771 0.056413 11.270 0.000

L10.Temp -1.100510 NAN NAN NAN

L10.Prep. horaria 0.000003 0.000004 0.706 0.480

L10.Temp. prom aire 0.000001 0.000002 0.575 0.565

L11.Conduct 0.000340 0.001098 0.309 0.757

L11.Water -0.869150 0.083356 -10.427 0.000

L11.Temp 1.538613 0.068149 22.577 0.000

L11.Prep. horaria -0.000003 0.000004 -0.858 0.391

L11.Temp. prom aire 0.000001 0.000002 0.640 0.522

L12.Conduct -0.000091 0.001097 -0.083 0.934

L12.Water 0.816808 0.099257 8.229 0.000

L12.Temp -1.570862 0.130590 -12.029 0.000

L12.Prep. horaria -0.000007 0.000004 -2.000 0.046

L12.Temp. prom aire -0.000001 0.000002 -0.928 0.354

L13.Conduct 0.000474 0.001096 0.432 0.666

L13.Water -0.539319 0.097834 -5.513 0.000

L13.Temp 1.126069 0.128530 8.761 0.000

L13.Prep. horaria -0.000003 0.000004 -0.802 0.423

L13.Temp. prom aire 0.000001 0.000002 0.867 0.386

L14.Conduct 0.000108 0.001095 0.099 0.921

L14.Water 0.203569 0.082371 2.471 0.013

L14.Temp -0.474163 0.061671 -7.689 0.000

L14.Prep. horaria 0.000001 0.000004 0.195 0.845

L14.Temp. prom aire -0.000002 0.000002 -1.169 0.243

L15.Conduct -0.000698 0.001094 -0.638 0.523

L15.Water 0.034257 0.069855 0.490 0.624

L15.Temp 0.003818 NAN NAN NAN

L15.Prep. horaria 0.000002 0.000004 0.479 0.632

L15.Temp. prom aire 0.000001 0.000002 0.754 0.451

L16.Conduct -0.000491 0.001094 -0.449 0.653

L16.Water -0.060740 0.077048 -0.788 0.430

L16.Temp 0.073978 NAN NAN NAN

L16.Prep. horaria 0.000002 0.000004 0.581 0.561

L16.Temp. prom aire -0.000000 0.000002 -0.241 0.809

L17.Conduct 0.000244 0.001093 0.223 0.823

L17.Water 0.008306 0.090697 0.092 0.927

L17.Temp -0.003529 0.062144 -0.057 0.955

L17.Prep. horaria 0.000001 0.000004 0.224 0.823

L17.Temp. prom aire 0.000001 0.000002 0.387 0.699

L18.Conduct 0.000120 0.001093 0.109 0.913

L18.Water -0.093132 0.097657 -0.954 0.340

L18.Temp 0.202681 0.097293 2.083 0.037

L18.Prep. horaria 0.000003 0.000004 0.782 0.435

L18.Temp. prom aire -0.000001 0.000002 -0.484 0.629

L19.Conduct 0.000999 0.001094 0.913 0.361

L19.Water 0.350348 0.098811 3.546 0.000

L19.Temp -0.683127 0.095833 -7.128 0.000

L19.Prep. horaria 0.000004 0.000004 1.122 0.262

L19.Temp. prom aire 0.000001 0.000002 0.343 0.731

L20.Conduct -0.000451 0.001094 -0.412 0.680

L20.Water -0.664090 0.099351 -6.684 0.000

L20.Temp 1.100952 0.088349 12.461 0.000

L20.Prep. horaria 0.000000 0.000004 0.077 0.939

L20.Temp. prom aire -0.000000 0.000002 -0.032 0.974

L21.Conduct -0.000546 0.001093 -0.499 0.617

L21.Water 0.564316 0.098856 5.708 0.000

L21.Temp -1.150901 0.094649 -12.160 0.000

L21.Prep. horaria -0.000003 0.000004 -0.986 0.324

L21.Temp. prom aire 0.000001 0.000002 0.332 0.740

L22.Conduct -0.000413 0.001082 -0.381 0.703

L22.Water 0.024356 0.083534 0.292 0.771

L22.Temp 0.792126 0.081139 9.763 0.000

L22.Prep. horaria -0.000000 0.000004 -0.126 0.899

L22.Temp. prom aire -0.000001 0.000002 -0.554 0.580

L23.Conduct 0.001229 0.000811 1.514 0.130

L23.Water -0.308458 0.044553 -6.923 0.000

L23.Temp -0.320763 0.040174 -7.984 0.000

L23.Prep. horaria 0.000004 0.000004 1.036 0.300

L23.Temp. prom aire 0.000001 0.000001 0.620 0.535

L24.Conduct -0.000558 0.000258 -2.164 0.030

L24.Water 0.125094 0.010212 12.250 0.000

L24.Temp 0.057098 0.008432 6.771 0.000

L24.Prep. horaria 0.000002 0.000003 0.501 0.617

L24.Temp. prom aire -0.000001 0.000001 -0.661 0.509

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000016 0.000010 1.557 0.120

L1.Conduct 0.000473 0.000299 1.583 0.113

L1.Water -0.643185 0.011253 -57.158 0.000

L1.Temp 5.081045 0.009208 551.821 0.000

L1.Prep. horaria -0.000001 0.000003 -0.293 0.769

L1.Temp. prom aire -0.000002 0.000001 -1.668 0.095

L2.Conduct -0.001237 0.000919 -1.345 0.179

L2.Water 2.876153 0.045361 63.406 0.000

L2.Temp -10.961612 0.043738 -250.621 0.000

L2.Prep. horaria 0.000001 0.000004 0.190 0.849

L2.Temp. prom aire 0.000002 0.000002 1.284 0.199

L3.Conduct 0.000824 0.001194 0.690 0.490

L3.Water -5.170642 0.075113 -68.838 0.000

L3.Temp 13.214905 0.087803 150.505 0.000

L3.Prep. horaria 0.000001 0.000004 0.206 0.837

L3.Temp. prom aire -0.000000 0.000002 -0.258 0.796

L4.Conduct -0.000178 0.001200 -0.149 0.882

L4.Water 4.786513 0.076969 62.187 0.000

L4.Temp -10.079959 0.103086 -97.782 0.000

L4.Prep. horaria 0.000002 0.000004 0.625 0.532

L4.Temp. prom aire 0.000002 0.000002 1.315 0.189

L5.Conduct 0.000281 0.001201 0.234 0.815

L5.Water -2.546910 0.080760 -31.537 0.000

L5.Temp 5.513443 0.106007 52.010 0.000

L5.Prep. horaria 0.000001 0.000004 0.347 0.729

L5.Temp. prom aire -0.000002 0.000002 -1.440 0.150

L6.Conduct 0.000026 0.001201 0.022 0.983

L6.Water 1.028171 0.087804 11.710 0.000

L6.Temp -2.570422 0.125156 -20.538 0.000

L6.Prep. horaria -0.000002 0.000004 -0.477 0.634

L6.Temp. prom aire 0.000001 0.000002 0.633 0.527

L7.Conduct 0.000019 0.001201 0.015 0.988

L7.Water -0.526842 0.077328 -6.813 0.000

L7.Temp 1.189145 0.122543 9.704 0.000

L7.Prep. horaria -0.000005 0.000004 -1.236 0.216

L7.Temp. prom aire 0.000000 0.000002 0.190 0.850

L8.Conduct 0.000130 0.001200 0.109 0.913

L8.Water 0.356962 0.051757 6.897 0.000

L8.Temp -0.731294 0.065951 -11.088 0.000

L8.Prep. horaria -0.000001 0.000004 -0.283 0.777

L8.Temp. prom aire -0.000002 0.000002 -1.018 0.309

L9.Conduct -0.000684 0.001200 -0.570 0.569

L9.Water -0.482261 0.038502 -12.526 0.000

L9.Temp 0.947950 NAN NAN NAN

L9.Prep. horaria 0.000001 0.000004 0.278 0.781

L9.Temp. prom aire 0.000001 0.000002 0.386 0.699

L10.Conduct -0.000225 0.001200 -0.188 0.851

L10.Water 0.851616 0.061664 13.811 0.000

L10.Temp -1.552119 NAN NAN NAN

L10.Prep. horaria 0.000002 0.000004 0.630 0.528

L10.Temp. prom aire -0.000000 0.000002 -0.127 0.899

L11.Conduct 0.000637 0.001200 0.531 0.595

L11.Water -1.049837 0.091115 -11.522 0.000

L11.Temp 1.961872 0.074492 26.337 0.000

L11.Prep. horaria -0.000001 0.000004 -0.135 0.892

L11.Temp. prom aire 0.000003 0.000002 1.516 0.129

L12.Conduct -0.000061 0.001199 -0.051 0.959

L12.Water 0.836906 0.108496 7.714 0.000

L12.Temp -1.738893 0.142746 -12.182 0.000

L12.Prep. horaria -0.000001 0.000004 -0.337 0.736

L12.Temp. prom aire -0.000002 0.000002 -1.045 0.296

L13.Conduct 0.000166 0.001198 0.138 0.890

L13.Water -0.471440 0.106940 -4.408 0.000

L13.Temp 1.084413 0.140494 7.719 0.000

L13.Prep. horaria -0.000003 0.000004 -0.648 0.517

L13.Temp. prom aire 0.000001 0.000002 0.445 0.656

L14.Conduct 0.000283 0.001197 0.237 0.813

L14.Water 0.243911 0.090039 2.709 0.007

L14.Temp -0.497194 0.067411 -7.376 0.000

L14.Prep. horaria 0.000002 0.000004 0.425 0.671

L14.Temp. prom aire -0.000001 0.000002 -0.713 0.476

L15.Conduct -0.000245 0.001196 -0.204 0.838

L15.Water -0.193482 0.076358 -2.534 0.011

L15.Temp 0.324070 NAN NAN NAN

L15.Prep. horaria -0.000001 0.000004 -0.291 0.771

L15.Temp. prom aire 0.000000 0.000002 0.126 0.900

L16.Conduct -0.000600 0.001195 -0.502 0.616

L16.Water 0.235954 0.084220 2.802 0.005

L16.Temp -0.504371 NAN NAN NAN

L16.Prep. horaria -0.000001 0.000004 -0.304 0.761

L16.Temp. prom aire -0.000000 0.000002 -0.074 0.941

L17.Conduct -0.000018 0.001195 -0.015 0.988

L17.Water -0.164611 0.099139 -1.660 0.097

L17.Temp 0.516696 0.067929 7.606 0.000

L17.Prep. horaria 0.000003 0.000004 0.742 0.458

L17.Temp. prom aire 0.000000 0.000002 0.138 0.890

L18.Conduct 0.000282 0.001195 0.236 0.813

L18.Water -0.046675 0.106747 -0.437 0.662

L18.Temp -0.092311 0.106349 -0.868 0.385

L18.Prep. horaria 0.000000 0.000004 0.069 0.945

L18.Temp. prom aire 0.000000 0.000002 0.033 0.973

L19.Conduct 0.000297 0.001196 0.248 0.804

L19.Water 0.223988 0.108009 2.074 0.038

L19.Temp -0.375263 0.104754 -3.582 0.000

L19.Prep. horaria 0.000003 0.000004 0.655 0.512

L19.Temp. prom aire 0.000000 0.000002 0.252 0.801

L20.Conduct 0.000594 0.001196 0.497 0.619

L20.Water -0.341736 0.108599 -3.147 0.002

L20.Temp 0.539876 0.096573 5.590 0.000

L20.Prep. horaria 0.000000 0.000004 0.022 0.983

L20.Temp. prom aire -0.000001 0.000002 -0.559 0.576

L21.Conduct -0.000933 0.001194 -0.781 0.435

L21.Water 0.252512 0.108058 2.337 0.019

L21.Temp -0.550914 0.103459 -5.325 0.000

L21.Prep. horaria 0.000001 0.000004 0.160 0.873

L21.Temp. prom aire 0.000002 0.000002 1.270 0.204

L22.Conduct -0.000886 0.001183 -0.749 0.454

L22.Water 0.067429 0.091310 0.738 0.460

L22.Temp 0.518857 0.088692 5.850 0.000

L22.Prep. horaria -0.000006 0.000004 -1.677 0.093

L22.Temp. prom aire -0.000003 0.000002 -1.688 0.091

L23.Conduct 0.001717 0.000887 1.936 0.053

L23.Water -0.196201 0.048700 -4.029 0.000

L23.Temp -0.322185 0.043914 -7.337 0.000

L23.Prep. horaria 0.000002 0.000004 0.641 0.522

L23.Temp. prom aire 0.000006 0.000002 3.383 0.001

L24.Conduct -0.000664 0.000282 -2.354 0.019

L24.Water 0.073708 0.011162 6.603 0.000

L24.Temp 0.084266 0.009217 9.142 0.000

L24.Prep. horaria 0.000002 0.000003 0.593 0.553

L24.Temp. prom aire -0.000004 0.000001 -4.646 0.000

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.016360 0.028592 -0.572 0.567

L1.Conduct -0.548147 0.833422 -0.658 0.511

L1.Water -6.814569 31.409427 -0.217 0.828

L1.Temp 31.805648 25.701358 1.238 0.216

L1.Prep. horaria 0.572764 0.009306 61.550 0.000

L1.Temp. prom aire -0.001866 0.002548 -0.732 0.464

L2.Conduct 1.037060 2.566113 0.404 0.686

L2.Water 118.553619 126.614551 0.936 0.349

L2.Temp -162.406588 122.083697 -1.330 0.183

L2.Prep. horaria 0.146069 0.010704 13.647 0.000

L2.Temp. prom aire 0.007876 0.004554 1.730 0.084

L3.Conduct -0.211155 3.332178 -0.063 0.949

L3.Water -327.421768 209.659505 -1.562 0.118

L3.Temp 336.730442 245.082968 1.374 0.169

L3.Prep. horaria 0.008714 0.010799 0.807 0.420

L3.Temp. prom aire -0.005415 0.004830 -1.121 0.262

L4.Conduct -0.548369 3.348850 -0.164 0.870

L4.Water 303.076079 214.841829 1.411 0.158

L4.Temp -356.561807 287.741370 -1.239 0.215

L4.Prep. horaria -0.026992 0.010803 -2.498 0.012

L4.Temp. prom aire 0.002529 0.004835 0.523 0.601

L5.Conduct -0.106571 3.351549 -0.032 0.975

L5.Water -27.721687 225.423896 -0.123 0.902

L5.Temp 193.609056 295.892890 0.654 0.513

L5.Prep. horaria -0.004678 0.010805 -0.433 0.665

L5.Temp. prom aire -0.004355 0.004837 -0.900 0.368

L6.Conduct 1.357304 3.352806 0.405 0.686

L6.Water -85.294910 245.085592 -0.348 0.728

L6.Temp -41.139165 349.342503 -0.118 0.906

L6.Prep. horaria 0.008351 0.010803 0.773 0.439

L6.Temp. prom aire 0.004647 0.004839 0.960 0.337

L7.Conduct -0.548286 3.352630 -0.164 0.870

L7.Water -10.082049 215.842228 -0.047 0.963

L7.Temp 11.542672 342.049077 0.034 0.973

L7.Prep. horaria 0.036876 0.010805 3.413 0.001

L7.Temp. prom aire -0.003247 0.004839 -0.671 0.502

L8.Conduct -2.522830 3.349526 -0.753 0.451

L8.Water 101.667296 144.467757 0.704 0.482

L8.Temp -66.718155 184.088094 -0.362 0.717

L8.Prep. horaria -0.042973 0.010811 -3.975 0.000

L8.Temp. prom aire 0.003455 0.004839 0.714 0.475

L9.Conduct 2.254925 3.349201 0.673 0.501

L9.Water -89.988160 107.469890 -0.837 0.402

L9.Temp 118.182523 NAN NAN NAN

L9.Prep. horaria 0.033306 0.010815 3.079 0.002

L9.Temp. prom aire -0.003755 0.004840 -0.776 0.438

L10.Conduct 0.512086 3.350614 0.153 0.879

L10.Water 16.233493 172.120389 0.094 0.925

L10.Temp -101.842224 NAN NAN NAN

L10.Prep. horaria 0.045899 0.010820 4.242 0.000

L10.Temp. prom aire 0.003944 0.004839 0.815 0.415

L11.Conduct 1.734414 3.349639 0.518 0.605

L11.Water -36.326952 254.325533 -0.143 0.886

L11.Temp 48.331082 207.927502 0.232 0.816

L11.Prep. horaria -0.011110 0.010826 -1.026 0.305

L11.Temp. prom aire -0.000862 0.004839 -0.178 0.859

L12.Conduct -5.064396 3.345886 -1.514 0.130

L12.Water 55.028793 302.842709 0.182 0.856

L12.Temp -9.679350 398.441673 -0.024 0.981

L12.Prep. horaria 0.029072 0.010825 2.686 0.007

L12.Temp. prom aire -0.003439 0.004839 -0.711 0.477

L13.Conduct 3.570303 3.343524 1.068 0.286

L13.Water -33.917783 298.498741 -0.114 0.910

L13.Temp 18.317909 392.155302 0.047 0.963

L13.Prep. horaria -0.005457 0.010825 -0.504 0.614

L13.Temp. prom aire 0.003411 0.004840 0.705 0.481

L14.Conduct -1.833982 3.341831 -0.549 0.583

L14.Water 113.913699 251.321581 0.453 0.650

L14.Temp -102.567418 188.162320 -0.545 0.586

L14.Prep. horaria -0.019300 0.010826 -1.783 0.075

L14.Temp. prom aire 0.002332 0.004840 0.482 0.630

L15.Conduct 0.719098 3.338140 0.215 0.829

L15.Water -88.026366 213.134466 -0.413 0.680

L15.Temp 212.791877 NAN NAN NAN

L15.Prep. horaria 0.015104 0.010819 1.396 0.163

L15.Temp. prom aire -0.004597 0.004839 -0.950 0.342

L16.Conduct 0.071440 3.336574 0.021 0.983

L16.Water 69.720276 235.080442 0.297 0.767

L16.Temp -319.902964 NAN NAN NAN

L16.Prep. horaria -0.024768 0.010815 -2.290 0.022

L16.Temp. prom aire 0.002504 0.004836 0.518 0.605

L17.Conduct 0.668057 3.335148 0.200 0.841

L17.Water -319.573908 276.723341 -1.155 0.248

L17.Temp 403.587679 189.606880 2.129 0.033

L17.Prep. horaria 0.008750 0.010810 0.809 0.418

L17.Temp. prom aire -0.000316 0.004834 -0.065 0.948

L18.Conduct 0.068526 3.335220 0.021 0.984

L18.Water 296.382394 297.959242 0.995 0.320

L18.Temp -320.007307 296.848776 -1.078 0.281

L18.Prep. horaria 0.007524 0.010802 0.697 0.486

L18.Temp. prom aire 0.000287 0.004834 0.059 0.953

L19.Conduct -0.444960 3.337109 -0.133 0.894

L19.Water 39.929244 301.482245 0.132 0.895

L19.Temp 125.559600 292.395414 0.429 0.668

L19.Prep. horaria -0.014322 0.010804 -1.326 0.185

L19.Temp. prom aire -0.003366 0.004835 -0.696 0.486

L20.Conduct -0.520853 3.338747 -0.156 0.876

L20.Water -4.554161 303.130185 -0.015 0.988

L20.Temp -79.667948 269.561428 -0.296 0.768

L20.Prep. horaria -0.013819 0.010806 -1.279 0.201

L20.Temp. prom aire 0.007884 0.004834 1.631 0.103

L21.Conduct 0.054024 3.333922 0.016 0.987

L21.Water -192.632546 301.617686 -0.639 0.523

L21.Temp 141.796600 288.781069 0.491 0.623

L21.Prep. horaria -0.012777 0.010803 -1.183 0.237

L21.Temp. prom aire -0.005209 0.004833 -1.078 0.281

L22.Conduct 0.667709 3.301522 0.202 0.840

L22.Water 99.440769 254.871139 0.390 0.696

L22.Temp -120.842648 247.563472 -0.488 0.625

L22.Prep. horaria -0.001194 0.010803 -0.111 0.912

L22.Temp. prom aire 0.001526 0.004830 0.316 0.752

L23.Conduct -0.591635 2.475674 -0.239 0.811

L23.Water 29.720068 135.935868 0.219 0.827

L23.Temp 45.716748 122.574846 0.373 0.709

L23.Prep. horaria 0.035117 0.010717 3.277 0.001

L23.Temp. prom aire -0.002220 0.004554 -0.487 0.626

L24.Conduct 0.226005 0.787061 0.287 0.774

L24.Water -21.308663 31.157490 -0.684 0.494

L24.Temp -6.637826 25.727342 -0.258 0.796

L24.Prep. horaria -0.025041 0.009286 -2.697 0.007

L24.Temp. prom aire 0.000538 0.002550 0.211 0.833

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.348096 0.103459 3.365 0.001

L1.Conduct -1.571384 3.015695 -0.521 0.602

L1.Water 196.084123 113.653448 1.725 0.084

L1.Temp -153.816286 92.999086 -1.654 0.098

L1.Prep. horaria 0.030446 0.033672 0.904 0.366

L1.Temp. prom aire 1.477451 0.009221 160.226 0.000

L2.Conduct 4.494073 9.285351 0.484 0.628

L2.Water -1137.936668 458.148449 -2.484 0.013

L2.Temp 728.980795 441.753779 1.650 0.099

L2.Prep. horaria 0.009294 0.038731 0.240 0.810

L2.Temp. prom aire -0.628798 0.016477 -38.163 0.000

L3.Conduct -4.099537 12.057319 -0.340 0.734

L3.Water 2650.665722 758.642480 3.494 0.000

L3.Temp -1638.503941 886.820517 -1.848 0.065

L3.Prep. horaria -0.015388 0.039075 -0.394 0.694

L3.Temp. prom aire 0.077019 0.017477 4.407 0.000

L4.Conduct 0.647388 12.117646 0.053 0.957

L4.Water -3265.840831 777.394459 -4.201 0.000

L4.Temp 2685.742034 1041.177821 2.580 0.010

L4.Prep. horaria -0.006214 0.039092 -0.159 0.874

L4.Temp. prom aire -0.029263 0.017494 -1.673 0.094

L5.Conduct 0.268114 12.127413 0.022 0.982

L5.Water 2625.109646 815.685142 3.218 0.001

L5.Temp -4081.153845 1070.673687 -3.812 0.000

L5.Prep. horaria -0.010736 0.039097 -0.275 0.784

L5.Temp. prom aire -0.011586 0.017502 -0.662 0.508

L6.Conduct 1.111740 12.131960 0.092 0.927

L6.Water -1952.771527 886.830012 -2.202 0.028

L6.Temp 5563.881954 1264.078451 4.402 0.000

L6.Prep. horaria 0.014216 0.039091 0.364 0.716

L6.Temp. prom aire 0.015308 0.017508 0.874 0.382

L7.Conduct -1.046864 12.131325 -0.086 0.931

L7.Water 1401.954654 781.014355 1.795 0.073

L7.Temp -5738.256122 1237.687553 -4.636 0.000

L7.Prep. horaria 0.017345 0.039097 0.444 0.657

L7.Temp. prom aire -0.031764 0.017511 -1.814 0.070

L8.Conduct 1.402105 12.120092 0.116 0.908

L8.Water -745.690877 522.749384 -1.426 0.154

L8.Temp 3874.286451 666.113601 5.816 0.000

L8.Prep. horaria 0.025874 0.039120 0.661 0.508

L8.Temp. prom aire 0.012643 0.017511 0.722 0.470

L9.Conduct -4.418407 12.118915 -0.365 0.715

L9.Water 530.416984 388.874446 1.364 0.173

L9.Temp -1462.277482 NAN NAN NAN

L9.Prep. horaria -0.031003 0.039135 -0.792 0.428

L9.Temp. prom aire 0.012688 0.017514 0.724 0.469

L10.Conduct 7.038818 12.124029 0.581 0.562

L10.Water -336.248468 622.809058 -0.540 0.589

L10.Temp 314.907010 NAN NAN NAN

L10.Prep. horaria -0.038520 0.039151 -0.984 0.325

L10.Temp. prom aire 0.000642 0.017510 0.037 0.971

L11.Conduct -5.006061 12.120501 -0.413 0.680

L11.Water -257.507220 920.264276 -0.280 0.780

L11.Temp -478.466642 752.375314 -0.636 0.525

L11.Prep. horaria 0.008054 0.039173 0.206 0.837

L11.Temp. prom aire -0.021969 0.017510 -1.255 0.210

L12.Conduct 0.432462 12.106920 0.036 0.972

L12.Water 70.598195 1095.821264 0.064 0.949

L12.Temp 1113.906054 1441.741353 0.773 0.440

L12.Prep. horaria 0.010849 0.039171 0.277 0.782

L12.Temp. prom aire 0.019392 0.017510 1.107 0.268

L13.Conduct 0.046276 12.098374 0.004 0.997

L13.Water 961.642873 1080.102829 0.890 0.373

L13.Temp -1357.896319 1418.994434 -0.957 0.339

L13.Prep. horaria -0.000658 0.039171 -0.017 0.987

L13.Temp. prom aire -0.023484 0.017512 -1.341 0.180

L14.Conduct -1.699431 12.092249 -0.141 0.888

L14.Water -1116.855547 909.394625 -1.228 0.219

L14.Temp 877.373178 680.855984 1.289 0.198

L14.Prep. horaria -0.015795 0.039173 -0.403 0.687

L14.Temp. prom aire 0.029266 0.017512 1.671 0.095

L15.Conduct 7.503285 12.078894 0.621 0.534

L15.Water 611.639269 771.216451 0.793 0.428

L15.Temp -921.623532 NAN NAN NAN

L15.Prep. horaria 0.020028 0.039149 0.512 0.609

L15.Temp. prom aire -0.024157 0.017511 -1.380 0.168

L16.Conduct -7.485829 12.073229 -0.620 0.535

L16.Water -1010.319388 850.626874 -1.188 0.235

L16.Temp 2094.606929 NAN NAN NAN

L16.Prep. horaria -0.013482 0.039135 -0.344 0.730

L16.Temp. prom aire -0.007931 0.017499 -0.453 0.650

L17.Conduct 8.663319 12.068065 0.718 0.473

L17.Water 1711.159054 1001.309628 1.709 0.087

L17.Temp -2976.454834 686.083053 -4.338 0.000

L17.Prep. horaria 0.008487 0.039116 0.217 0.828

L17.Temp. prom aire 0.021009 0.017491 1.201 0.230

L18.Conduct -18.051247 12.068326 -1.496 0.135

L18.Water -1528.232908 1078.150682 -1.417 0.156

L18.Temp 2766.010795 1074.132516 2.575 0.010

L18.Prep. horaria 0.004583 0.039087 0.117 0.907

L18.Temp. prom aire -0.014271 0.017493 -0.816 0.415

L19.Conduct 18.644704 12.075161 1.544 0.123

L19.Water 888.729879 1090.898490 0.815 0.415

L19.Temp -1713.341077 1058.018245 -1.619 0.105

L19.Prep. horaria -0.033131 0.039093 -0.847 0.397

L19.Temp. prom aire 0.020192 0.017495 1.154 0.248

L20.Conduct -7.077746 12.081088 -0.586 0.558

L20.Water -602.096608 1096.861478 -0.549 0.583

L20.Temp 480.297340 975.394604 0.492 0.622

L20.Prep. horaria -0.016434 0.039100 -0.420 0.674

L20.Temp. prom aire -0.010830 0.017490 -0.619 0.536

L21.Conduct -0.068689 12.063629 -0.006 0.995

L21.Water 848.713704 1091.388578 0.778 0.437

L21.Temp 24.735501 1044.939917 0.024 0.981

L21.Prep. horaria 0.020408 0.039089 0.522 0.602

L21.Temp. prom aire 0.023504 0.017488 1.344 0.179

L22.Conduct -0.443999 11.946392 -0.037 0.970

L22.Water -1039.260855 922.238524 -1.127 0.260

L22.Temp 56.964838 895.796097 0.064 0.949

L22.Prep. horaria 0.019855 0.039089 0.508 0.611

L22.Temp. prom aire 0.027162 0.017476 1.554 0.120

L23.Conduct 0.985176 8.958105 0.110 0.912

L23.Water 656.703618 491.877170 1.335 0.182

L23.Temp -74.277590 443.530976 -0.167 0.867

L23.Prep. horaria 0.028056 0.038779 0.723 0.469

L23.Temp. prom aire 0.168664 0.016480 10.235 0.000

L24.Conduct -0.268423 2.847942 -0.094 0.925

L24.Water -160.660694 112.741827 -1.425 0.154

L24.Temp 14.386816 93.093106 0.155 0.877

L24.Prep. horaria -0.036204 0.033603 -1.077 0.281

L24.Temp. prom aire -0.137186 0.009226 -14.870 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.282475 0.158522 -0.000537 -0.009151

Water 0.282475 1.000000 0.520506 -0.005222 -0.008508

Temp 0.158522 0.520506 1.000000 0.002142 -0.021054

Prep. horaria -0.000537 -0.005222 0.002142 1.000000 -0.025806

Temp. prom aire -0.009151 -0.008508 -0.021054 -0.025806 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -52.7130

Nobs: 11665.0 HQIC: -52.9666

Log likelihood: 227522. FPE: 8.73309e-24

AIC: -53.0949 Det(Omega\_mle): 8.29391e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000070 0.000024 2.932 0.003

L1.Conduct 2.810232 0.009469 296.790 0.000

L1.Water 1.394340 0.036266 38.448 0.000

L1.Temp 0.029099 0.010688 2.723 0.006

L1.Precip. horaria -0.000033 0.000014 -2.366 0.018

L1.Temp. prom aire -0.000000 0.000004 -0.103 0.918

L2.Conduct -2.285406 0.028286 -80.795 0.000

L2.Water -5.561082 0.194980 -28.521 0.000

L2.Temp -0.121483 0.036363 -3.341 0.001

L2.Precip. horaria 0.000095 0.000016 6.031 0.000

L2.Temp. prom aire 0.000003 0.000007 0.409 0.682

L3.Conduct 0.181854 0.035750 5.087 0.000

L3.Water 9.071591 0.482538 18.800 0.000

L3.Temp 0.204698 0.051501 3.975 0.000

L3.Precip. horaria -0.000084 0.000016 -5.283 0.000

L3.Temp. prom aire -0.000001 0.000007 -0.084 0.933

L4.Conduct 0.162375 0.035819 4.533 0.000

L4.Water -8.312973 0.761655 -10.914 0.000

L4.Temp -0.185812 0.053649 -3.463 0.001

L4.Precip. horaria -0.000003 0.000016 -0.213 0.832

L4.Temp. prom aire -0.000003 0.000007 -0.469 0.639

L5.Conduct 0.108834 0.035855 3.035 0.002

L5.Water 5.477375 0.923494 5.931 0.000

L5.Temp 0.110034 0.054823 2.007 0.045

L5.Precip. horaria 0.000000 0.000016 0.011 0.991

L5.Temp. prom aire 0.000009 0.000007 1.219 0.223

L6.Conduct 0.051315 0.035869 1.431 0.153

L6.Water -3.208741 0.985917 -3.255 0.001

L6.Temp -0.058367 0.055267 -1.056 0.291

L6.Precip. horaria 0.000012 0.000016 0.785 0.432

L6.Temp. prom aire -0.000009 0.000007 -1.213 0.225

L7.Conduct 0.007358 0.035869 0.205 0.837

L7.Water 1.688512 1.003923 1.682 0.093

L7.Temp 0.032695 0.055373 0.590 0.555

L7.Precip. horaria 0.000009 0.000016 0.593 0.553

L7.Temp. prom aire 0.000000 0.000007 0.037 0.970

L8.Conduct -0.007953 0.035861 -0.222 0.824

L8.Water -0.779811 1.009136 -0.773 0.440

L8.Temp -0.011750 0.055417 -0.212 0.832

L8.Precip. horaria 0.000007 0.000016 0.459 0.646

L8.Temp. prom aire 0.000006 0.000007 0.895 0.371

L9.Conduct -0.008706 0.035859 -0.243 0.808

L9.Water 0.195040 1.012531 0.193 0.847

L9.Temp 0.004381 0.055458 0.079 0.937

L9.Precip. horaria -0.000008 0.000016 -0.503 0.615

L9.Temp. prom aire 0.000001 0.000007 0.179 0.858

L10.Conduct -0.005942 0.035856 -0.166 0.868

L10.Water 0.174103 1.016066 0.171 0.864

L10.Temp 0.001580 0.055497 0.028 0.977

L10.Precip. horaria 0.000009 0.000016 0.550 0.583

L10.Temp. prom aire -0.000012 0.000007 -1.685 0.092

L11.Conduct -0.016021 0.035855 -0.447 0.655

L11.Water -0.334295 1.020214 -0.328 0.743

L11.Temp -0.014735 0.055534 -0.265 0.791

L11.Precip. horaria 0.000001 0.000016 0.074 0.941

L11.Temp. prom aire 0.000009 0.000007 1.333 0.182

L12.Conduct 0.000984 0.035855 0.027 0.978

L12.Water 0.532408 1.024187 0.520 0.603

L12.Temp 0.013524 0.055563 0.243 0.808

L12.Precip. horaria -0.000017 0.000016 -1.094 0.274

L12.Temp. prom aire -0.000005 0.000007 -0.758 0.448

L13.Conduct 0.000633 0.035855 0.018 0.986

L13.Water -0.826401 1.026995 -0.805 0.421

L13.Temp -0.016122 0.055584 -0.290 0.772

L13.Precip. horaria 0.000021 0.000016 1.337 0.181

L13.Temp. prom aire 0.000003 0.000007 0.402 0.688

L14.Conduct -0.001568 0.035855 -0.044 0.965

L14.Water 0.948777 1.029208 0.922 0.357

L14.Temp 0.020422 0.055606 0.367 0.713

L14.Precip. horaria -0.000002 0.000016 -0.147 0.883

L14.Temp. prom aire 0.000004 0.000007 0.565 0.572

L15.Conduct -0.002108 0.035852 -0.059 0.953

L15.Water -0.779378 1.031540 -0.756 0.450

L15.Temp -0.015983 0.055631 -0.287 0.774

L15.Precip. horaria -0.000008 0.000016 -0.500 0.617

L15.Temp. prom aire -0.000007 0.000007 -0.944 0.345

L16.Conduct -0.000650 0.035850 -0.018 0.986

L16.Water 0.528693 1.033810 0.511 0.609

L16.Temp 0.015353 0.055649 0.276 0.783

L16.Precip. horaria 0.000003 0.000016 0.171 0.864

L16.Temp. prom aire 0.000002 0.000007 0.344 0.731

L17.Conduct 0.002110 0.035849 0.059 0.953

L17.Water -0.225275 1.035547 -0.218 0.828

L17.Temp -0.002048 0.055650 -0.037 0.971

L17.Precip. horaria 0.000009 0.000016 0.561 0.575

L17.Temp. prom aire 0.000001 0.000007 0.073 0.942

L18.Conduct -0.008491 0.035848 -0.237 0.813

L18.Water -0.128879 1.033450 -0.125 0.901

L18.Temp -0.003682 0.055581 -0.066 0.947

L18.Precip. horaria 0.000048 0.000016 3.011 0.003

L18.Temp. prom aire 0.000001 0.000007 0.112 0.911

L19.Conduct -0.005954 0.035847 -0.166 0.868

L19.Water 0.331976 1.013651 0.328 0.743

L19.Temp 0.003005 0.055257 0.054 0.957

L19.Precip. horaria -0.000013 0.000016 -0.838 0.402

L19.Temp. prom aire -0.000000 0.000007 -0.061 0.952

L20.Conduct 0.006910 0.035831 0.193 0.847

L20.Water -0.409654 0.944084 -0.434 0.664

L20.Temp -0.018392 0.054286 -0.339 0.735

L20.Precip. horaria -0.000007 0.000016 -0.410 0.681

L20.Temp. prom aire -0.000000 0.000007 -0.020 0.984

L21.Conduct 0.016227 0.035794 0.453 0.650

L21.Water 0.490142 0.773177 0.634 0.526

L21.Temp 0.008367 0.052481 0.159 0.873

L21.Precip. horaria 0.000036 0.000016 2.278 0.023

L21.Temp. prom aire 0.000001 0.000007 0.162 0.871

L22.Conduct 0.056366 0.035749 1.577 0.115

L22.Water -0.434089 0.487020 -0.891 0.373

L22.Temp 0.013478 0.050474 0.267 0.789

L22.Precip. horaria -0.000014 0.000016 -0.890 0.374

L22.Temp. prom aire -0.000003 0.000007 -0.415 0.678

L23.Conduct -0.095772 0.028229 -3.393 0.001

L23.Water 0.199403 0.195978 1.017 0.309

L23.Temp -0.008539 0.035962 -0.237 0.812

L23.Precip. horaria 0.000014 0.000016 0.890 0.373

L23.Temp. prom aire 0.000003 0.000007 0.455 0.649

L24.Conduct 0.033360 0.009384 3.555 0.000

L24.Water -0.031778 0.036336 -0.875 0.382

L24.Temp 0.000272 0.010619 0.026 0.980

L24.Precip. horaria -0.000006 0.000014 -0.465 0.642

L24.Temp. prom aire -0.000003 0.000004 -0.717 0.473

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000012 0.000006 1.866 0.062

L1.Conduct 0.004394 0.002531 1.736 0.083

L1.Water 5.292326 0.009693 546.010 0.000

L1.Temp 0.048141 0.002856 16.853 0.000

L1.Precip. horaria -0.000011 0.000004 -2.924 0.003

L1.Temp. prom aire -0.000001 0.000001 -0.819 0.413

L2.Conduct -0.009327 0.007560 -1.234 0.217

L2.Water -12.109486 0.052112 -232.375 0.000

L2.Temp -0.201901 0.009719 -20.775 0.000

L2.Precip. horaria 0.000019 0.000004 4.439 0.000

L2.Temp. prom aire 0.000002 0.000002 1.283 0.199

L3.Conduct 0.005552 0.009555 0.581 0.561

L3.Water 15.930034 0.128967 123.520 0.000

L3.Temp 0.339152 0.013765 24.639 0.000

L3.Precip. horaria -0.000020 0.000004 -4.802 0.000

L3.Temp. prom aire -0.000001 0.000002 -0.577 0.564

L4.Conduct -0.001928 0.009573 -0.201 0.840

L4.Water -13.818614 0.203566 -67.883 0.000

L4.Temp -0.301867 0.014339 -21.053 0.000

L4.Precip. horaria 0.000009 0.000004 2.208 0.027

L4.Temp. prom aire -0.000000 0.000002 -0.087 0.931

L5.Conduct 0.001092 0.009583 0.114 0.909

L5.Water 8.888880 0.246821 36.013 0.000

L5.Temp 0.173367 0.014652 11.832 0.000

L5.Precip. horaria -0.000012 0.000004 -2.843 0.004

L5.Temp. prom aire 0.000000 0.000002 0.090 0.928

L6.Conduct 0.000025 0.009587 0.003 0.998

L6.Water -4.549688 0.263505 -17.266 0.000

L6.Temp -0.079532 0.014771 -5.384 0.000

L6.Precip. horaria 0.000004 0.000004 1.033 0.302

L6.Temp. prom aire -0.000001 0.000002 -0.738 0.460

L7.Conduct 0.002701 0.009587 0.282 0.778

L7.Water 1.606772 0.268317 5.988 0.000

L7.Temp 0.023941 0.014799 1.618 0.106

L7.Precip. horaria 0.000000 0.000004 0.050 0.960

L7.Temp. prom aire 0.000003 0.000002 1.387 0.166

L8.Conduct -0.002374 0.009585 -0.248 0.804

L8.Water -0.103925 0.269710 -0.385 0.700

L8.Temp 0.001275 0.014811 0.086 0.931

L8.Precip. horaria 0.000004 0.000004 0.907 0.364

L8.Temp. prom aire -0.000002 0.000002 -0.936 0.349

L9.Conduct -0.000732 0.009584 -0.076 0.939

L9.Water -0.268858 0.270617 -0.993 0.320

L9.Temp -0.006232 0.014822 -0.420 0.674

L9.Precip. horaria -0.000012 0.000004 -2.824 0.005

L9.Temp. prom aire 0.000001 0.000002 0.677 0.498

L10.Conduct 0.002784 0.009583 0.291 0.771

L10.Water 0.211421 0.271562 0.779 0.436

L10.Temp 0.004716 0.014833 0.318 0.751

L10.Precip. horaria -0.000000 0.000004 -0.064 0.949

L10.Temp. prom aire -0.000001 0.000002 -0.398 0.690

L11.Conduct -0.004488 0.009583 -0.468 0.640

L11.Water -0.051522 0.272671 -0.189 0.850

L11.Temp 0.000602 0.014842 0.041 0.968

L11.Precip. horaria 0.000015 0.000004 3.483 0.000

L11.Temp. prom aire 0.000000 0.000002 0.194 0.846

L12.Conduct 0.000605 0.009583 0.063 0.950

L12.Water -0.128827 0.273733 -0.471 0.638

L12.Temp -0.003112 0.014850 -0.210 0.834

L12.Precip. horaria -0.000016 0.000004 -3.728 0.000

L12.Temp. prom aire -0.000001 0.000002 -0.415 0.678

L13.Conduct 0.003415 0.009583 0.356 0.722

L13.Water 0.161886 0.274483 0.590 0.555

L13.Temp 0.003551 0.014856 0.239 0.811

L13.Precip. horaria 0.000003 0.000004 0.818 0.413

L13.Temp. prom aire 0.000001 0.000002 0.374 0.709

L14.Conduct -0.003880 0.009583 -0.405 0.686

L14.Water -0.046525 0.275075 -0.169 0.866

L14.Temp -0.001849 0.014862 -0.124 0.901

L14.Precip. horaria 0.000016 0.000004 3.858 0.000

L14.Temp. prom aire -0.000000 0.000002 -0.090 0.929

L15.Conduct 0.003235 0.009582 0.338 0.736

L15.Water -0.111583 0.275698 -0.405 0.686

L15.Temp -0.004709 0.014868 -0.317 0.751

L15.Precip. horaria -0.000012 0.000004 -2.812 0.005

L15.Temp. prom aire 0.000001 0.000002 0.570 0.568

L16.Conduct -0.000563 0.009582 -0.059 0.953

L16.Water 0.290800 0.276305 1.052 0.293

L16.Temp 0.008682 0.014873 0.584 0.559

L16.Precip. horaria -0.000003 0.000004 -0.702 0.482

L16.Temp. prom aire -0.000001 0.000002 -0.775 0.438

L17.Conduct -0.000982 0.009581 -0.103 0.918

L17.Water -0.408425 0.276769 -1.476 0.140

L17.Temp -0.008994 0.014874 -0.605 0.545

L17.Precip horaria 0.000008 0.000004 1.909 0.056

L17.Temp. prom aire 0.000001 0.000002 0.428 0.669

L18.Conduct -0.000331 0.009581 -0.035 0.972

L18.Water 0.491772 0.276209 1.780 0.075

L18.Temp 0.014129 0.014855 0.951 0.342

L18.Precip horaria -0.000000 0.000004 -0.023 0.982

L18.Temp. prom aire -0.000001 0.000002 -0.282 0.778

L19.Conduct 0.000687 0.009581 0.072 0.943

L19.Water -0.701612 0.270917 -2.590 0.010

L19.Temp -0.018357 0.014768 -1.243 0.214

L19.Precip. horaria 0.000000 0.000004 0.058 0.954

L19.Temp. prom aire 0.000001 0.000002 0.313 0.754

L20.Conduct 0.006119 0.009577 0.639 0.523

L20.Water 0.802440 0.252324 3.180 0.001

L20.Temp 0.017005 0.014509 1.172 0.241

L20.Precip. horaria 0.000004 0.000004 0.973 0.331

L20.Temp. prom aire -0.000001 0.000002 -0.315 0.753

L21.Conduct -0.009068 0.009567 -0.948 0.343

L21.Water -0.578982 0.206646 -2.802 0.005

L21.Temp -0.014280 0.014027 -1.018 0.309

L21.Precip. horaria 0.000025 0.000004 5.954 0.000

L21.Temp. prom aire 0.000001 0.000002 0.622 0.534

L22.Conduct 0.003251 0.009555 0.340 0.734

L22.Water 0.319484 0.130165 2.454 0.014

L22.Temp 0.006130 0.013490 0.454 0.650

L22.Precip. horaria -0.000029 0.000004 -6.728 0.000

L22.Temp. prom aire -0.000001 0.000002 -0.281 0.779

L23.Conduct -0.001550 0.007545 -0.205 0.837

L23.Water -0.164774 0.052379 -3.146 0.002

L23.Temp 0.001785 0.009612 0.186 0.853

L23.Precip. horaria -0.000002 0.000004 -0.586 0.558

L23.Temp. prom aire -0.000000 0.000002 -0.104 0.917

L24.Conduct 0.001365 0.002508 0.544 0.586

L24.Water 0.047007 0.009712 4.840 0.000

L24.Temp -0.001645 0.002838 -0.580 0.562

L24.Precip. horaria 0.000001 0.000004 0.263 0.793

L24.Temp. prom aire 0.000000 0.000001 0.000 1.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000026 0.000021 1.229 0.219

L1.Conduct 0.082124 0.008274 9.925 0.000

L1.Water 0.066478 0.031692 2.098 0.036

L1.Temp 3.220282 0.009340 344.798 0.000

L1.Precip. horaria 0.000003 0.000012 0.212 0.832

L1.Temp. prom aire -0.000000 0.000003 -0.135 0.893

L2.Conduct -0.217313 0.024719 -8.791 0.000

L2.Water -0.426758 0.170386 -2.505 0.012

L2.Temp -3.243264 0.031776 -102.066 0.000

L2.Precip. horaria 0.000002 0.000014 0.135 0.893

L2.Temp. prom aire -0.000008 0.000006 -1.342 0.180

L3.Conduct 0.129696 0.031240 4.152 0.000

L3.Water 1.047153 0.421673 2.483 0.013

L3.Temp 0.654451 0.045005 14.542 0.000

L3.Precip. horaria -0.000008 0.000014 -0.589 0.556

L3.Temp. prom aire 0.000004 0.000006 0.663 0.507

L4.Conduct 0.047505 0.031301 1.518 0.129

L4.Water -1.301976 0.665585 -1.956 0.050

L4.Temp 0.298837 0.046882 6.374 0.000

L4.Precip. horaria 0.000009 0.000014 0.630 0.529

L4.Temp. prom aire 0.000005 0.000006 0.746 0.456

L5.Conduct -0.005503 0.031333 -0.176 0.861

L5.Water 0.959605 0.807010 1.189 0.234

L5.Temp 0.161147 0.047908 3.364 0.001

L5.Precip. horaria 0.000006 0.000014 0.425 0.671

L5.Temp. prom aire -0.000002 0.000006 -0.367 0.714

L6.Conduct -0.024640 0.031344 -0.786 0.432

L6.Water -0.552261 0.861560 -0.641 0.522

L6.Temp 0.018388 0.048296 0.381 0.703

L6.Precip. horaria 0.000005 0.000014 0.334 0.738

L6.Temp. prom aire 0.000007 0.000006 1.170 0.242

L7.Conduct -0.021203 0.031345 -0.676 0.499

L7.Water 0.299481 0.877295 0.341 0.733

L7.Temp -0.031582 0.048389 -0.653 0.514

L7.Precip. horaria -0.000000 0.000014 -0.002 0.998

L7.Temp. prom aire -0.000009 0.000006 -1.497 0.134

L8.Conduct -0.008353 0.031338 -0.267 0.790

L8.Water -0.110021 0.881850 -0.125 0.901

L8.Temp -0.049930 0.048427 -1.031 0.303

L8.Precip. horaria -0.000001 0.000014 -0.050 0.960

L8.Temp. prom aire 0.000007 0.000006 1.072 0.284

L9.Conduct 0.004530 0.031336 0.145 0.885

L9.Water 0.036033 0.884817 0.041 0.968

L9.Temp -0.044522 0.048463 -0.919 0.358

L9.Precip. horaria -0.000002 0.000014 -0.154 0.877

L9.Temp. prom aire -0.000007 0.000006 -1.159 0.246

L10.Conduct 0.008620 0.031334 0.275 0.783

L10.Water -0.003560 0.887906 -0.004 0.997

L10.Temp -0.016469 0.048497 -0.340 0.734

L10.Precip. horaria 0.000000 0.000014 0.010 0.992

L10.Temp. prom aire -0.000000 0.000006 -0.017 0.986

L11.Conduct 0.006507 0.031333 0.208 0.835

L11.Water -0.035633 0.891531 -0.040 0.968

L11.Temp 0.001541 0.048529 0.032 0.975

L11.Precip. horaria -0.000002 0.000014 -0.148 0.883

L11.Temp. prom aire 0.000005 0.000006 0.837 0.402

L12.Conduct 0.004189 0.031333 0.134 0.894

L12.Water 0.026782 0.895003 0.030 0.976

L12.Temp 0.015465 0.048555 0.319 0.750

L12.Precip. horaria -0.000004 0.000014 -0.264 0.792

L12.Temp. prom aire -0.000006 0.000006 -0.999 0.318

L13.Conduct 0.001510 0.031333 0.048 0.962

L13.Water -0.021689 0.897457 -0.024 0.981

L13.Temp 0.022423 0.048573 0.462 0.644

L13.Precip. horaria 0.000001 0.000014 0.077 0.939

L13.Temp. prom aire 0.000009 0.000006 1.457 0.145

L14.Conduct -0.002139 0.031333 -0.068 0.946

L14.Water 0.039945 0.899390 0.044 0.965

L14.Temp 0.012762 0.048592 0.263 0.793

L14.Precip. horaria -0.000001 0.000014 -0.081 0.935

L14.Temp. prom aire -0.000005 0.000006 -0.769 0.442

L15.Conduct -0.006250 0.031330 -0.199 0.842

L15.Water -0.049849 0.901429 -0.055 0.956

L15.Temp 0.004594 0.048614 0.094 0.925

L15.Precip. horaria -0.000001 0.000014 -0.087 0.930

L15.Temp. prom aire -0.000001 0.000006 -0.113 0.910

L16.Conduct -0.004379 0.031328 -0.140 0.889

L16.Water 0.054650 0.903412 0.060 0.952

L16.Temp -0.011268 0.048630 -0.232 0.817

L16.Precip. horaria 0.000000 0.000014 0.032 0.975

L16.Temp. prom aire 0.000001 0.000006 0.104 0.917

L17.Conduct -0.001377 0.031327 -0.044 0.965

L17.Water -0.048856 0.904930 -0.054 0.957

L17.Temp -0.022488 0.048631 -0.462 0.644

L17.Precip. horaria -0.000001 0.000014 -0.076 0.940

L17.Temp. prom aire 0.000000 0.000006 0.020 0.984

L18.Conduct 0.002689 0.031326 0.086 0.932

L18.Water 0.017307 0.903097 0.019 0.985

L18.Temp -0.022412 0.048570 -0.461 0.644

L18.Precip. horaria -0.000002 0.000014 -0.139 0.890

L18.Temp. prom aire -0.000001 0.000006 -0.242 0.809

L19.Conduct 0.005878 0.031326 0.188 0.851

L19.Water 0.027041 0.885796 0.031 0.976

L19.Temp -0.011498 0.048287 -0.238 0.812

L19.Precip. horaria -0.000004 0.000014 -0.323 0.747

L19.Temp. prom aire -0.000000 0.000006 -0.021 0.983

L20.Conduct 0.002511 0.031312 0.080 0.936

L20.Water -0.045519 0.825003 -0.055 0.956

L20.Temp 0.015486 0.047438 0.326 0.744

L20.Precip. horaria 0.000001 0.000014 0.087 0.930

L20.Temp. prom aire 0.000001 0.000006 0.235 0.814

L21.Conduct 0.000610 0.031279 0.019 0.984

L21.Water 0.064736 0.675654 0.096 0.924

L21.Temp 0.061148 0.045861 1.333 0.182

L21.Precip. horaria -0.000001 0.000014 -0.096 0.924

L21.Temp. prom aire 0.000000 0.000006 0.014 0.989

L22.Conduct 0.000161 0.031240 0.005 0.996

L22.Water -0.109510 0.425591 -0.257 0.797

L22.Temp 0.115753 0.044108 2.624 0.009

L22.Precip. horaria -0.000008 0.000014 -0.578 0.563

L22.Temp. prom aire -0.000001 0.000006 -0.227 0.820

L23.Conduct -0.014888 0.024668 -0.604 0.546

L23.Water 0.097897 0.171259 0.572 0.568

L23.Temp -0.253998 0.031426 -8.082 0.000

L23.Precip. horaria -0.000001 0.000014 -0.098 0.922

L23.Temp. prom aire 0.000007 0.000006 1.264 0.206

L24.Conduct 0.009511 0.008200 1.160 0.246

L24.Water -0.031477 0.031753 -0.991 0.322

L24.Temp 0.105153 0.009280 11.332 0.000

L24.Precip. horaria 0.000001 0.000012 0.053 0.958

L24.Temp. prom aire -0.000004 0.000003 -1.126 0.260

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.046439 0.016196 -2.867 0.004

L1.Conduct -3.737179 6.416055 -0.582 0.560

L1.Water 57.002869 24.573856 2.320 0.020

L1.Temp 6.045967 7.242005 0.835 0.404

L1.Precip. horaria 0.563437 0.009309 60.527 0.000

L1.Temp. prom aire -0.000801 0.002541 -0.315 0.753

L2.Conduct 6.645886 19.166988 0.347 0.729

L2.Water -353.605664 132.118544 -2.676 0.007

L2.Temp -21.540667 24.639450 -0.874 0.382

L2.Precip. horaria 0.142002 0.010670 13.308 0.000

L2.Temp. prom aire 0.006802 0.004521 1.504 0.132

L3.Conduct -0.675432 24.224012 -0.028 0.978

L3.Water 916.383926 326.968518 2.803 0.005

L3.Temp 29.821230 34.897284 0.855 0.393

L3.Precip. horaria 0.001450 0.010770 0.135 0.893

L3.Temp. prom aire -0.005213 0.004796 -1.087 0.277

L4.Conduct -3.983396 24.271271 -0.164 0.870

L4.Water -1289.643977 516.099091 -2.499 0.012

L4.Temp -25.432156 36.352355 -0.700 0.484

L4.Precip. horaria -0.025639 0.010773 -2.380 0.017

L4.Temp. prom aire 0.002409 0.004799 0.502 0.616

L5.Conduct -0.728129 24.295582 -0.030 0.976

L5.Water 1106.197777 625.761536 1.768 0.077

L5.Temp 20.424528 37.147854 0.550 0.582

L5.Precip. horaria -0.005848 0.010774 -0.543 0.587

L5.Temp. prom aire -0.003771 0.004800 -0.786 0.432

L6.Conduct 6.730925 24.304660 0.277 0.782

L6.Water -713.575817 668.059774 -1.068 0.285

L6.Temp -14.353774 37.449317 -0.383 0.702

L6.Precip. horaria 0.008276 0.010777 0.768 0.443

L6.Temp. prom aire 0.004395 0.004799 0.916 0.360

L7.Conduct -0.631160 24.305213 -0.026 0.979

L7.Water 596.548322 680.260424 0.877 0.381

L7.Temp 13.519332 37.520860 0.360 0.719

L7.Precip. horaria 0.035614 0.010777 3.304 0.001

L7.Temp. prom aire -0.003609 0.004799 -0.752 0.452

L8.Conduct -14.770723 24.299726 -0.608 0.543

L8.Water -675.122470 683.792630 -0.987 0.323

L8.Temp -17.410756 37.550437 -0.464 0.643

L8.Precip. horaria -0.043286 0.010782 -4.015 0.000

L8.Temp. prom aire 0.003395 0.004800 0.707 0.479

L9.Conduct 16.867924 24.298391 0.694 0.488

L9.Water 547.322600 686.092980 0.798 0.425

L9.Temp 10.162559 37.578496 0.270 0.787

L9.Precip. horaria 0.030592 0.010786 2.836 0.005

L9.Temp. prom aire -0.003730 0.004800 -0.777 0.437

L10.Conduct -1.459759 24.296410 -0.060 0.952

L10.Water -131.135465 688.488262 -0.190 0.849

L10.Temp 0.536708 37.604802 0.014 0.989

L10.Precip. horaria 0.046911 0.010793 4.347 0.000

L10.Temp. prom aire 0.004150 0.004799 0.865 0.387

L11.Conduct 6.954185 24.295573 0.286 0.775

L11.Water -136.445242 691.299430 -0.197 0.844

L11.Temp 1.992980 37.629710 0.053 0.958

L11.Precip. horaria -0.010891 0.010799 -1.009 0.313

L11.Temp. prom aire -0.000617 0.004799 -0.129 0.898

L12.Conduct -34.785739 24.295535 -1.432 0.152

L12.Water -165.297324 693.991306 -0.238 0.812

L12.Temp -17.317908 37.649856 -0.460 0.646

L12.Precip. horaria 0.030468 0.010801 2.821 0.005

L12.Temp. prom aire -0.003853 0.004799 -0.803 0.422

L13.Conduct 29.823491 24.295635 1.228 0.220

L13.Water 763.728135 695.894372 1.097 0.272

L13.Temp 26.410964 37.663573 0.701 0.483

L13.Precip. horaria -0.001846 0.010806 -0.171 0.864

L13.Temp. prom aire 0.003679 0.004800 0.766 0.443

L14.Conduct -9.846254 24.295542 -0.405 0.685

L14.Water -877.601692 697.393668 -1.258 0.208

L14.Temp -18.104390 37.678775 -0.480 0.631

L14.Precip. horaria -0.015066 0.010806 -1.394 0.163

L14.Temp. prom aire 0.001970 0.004800 0.410 0.682

L15.Conduct 8.283983 24.293166 0.341 0.733

L15.Water 154.840931 698.973962 0.222 0.825

L15.Temp -2.080863 37.695853 -0.055 0.956

L15.Precip. horaria 0.014706 0.010808 1.361 0.174

L15.Temp. prom aire -0.004601 0.004801 -0.958 0.338

L16.Conduct -2.628071 24.292016 -0.108 0.914

L16.Water 1060.533544 700.512075 1.514 0.130

L16.Temp 34.125223 37.707750 0.905 0.365

L16.Precip. horaria -0.025868 0.010809 -2.393 0.017

L16.Temp. prom aire 0.002368 0.004802 0.493 0.622

L17.Conduct -0.565242 24.291389 -0.023 0.981

L17.Water -2197.296326 701.688737 -3.131 0.002

L17.Temp -57.763689 37.708611 -1.532 0.126

L17.Precip. horaria 0.015228 0.010804 1.409 0.159

L17.Temp. prom aire 0.000096 0.004802 0.020 0.984

L18.Conduct -1.317100 24.290437 -0.054 0.957

L18.Water 2589.124754 700.267891 3.697 0.000

L18.Temp 54.841352 37.661739 1.456 0.145

L18.Precip. horaria 0.005256 0.010799 0.487 0.626

L18.Temp. prom aire -0.000428 0.004801 -0.089 0.929

L19.Conduct -2.653644 24.290327 -0.109 0.913

L19.Water -1870.154446 686.852239 -2.723 0.006

L19.Temp -36.962718 37.442219 -0.987 0.324

L19.Precip. horaria -0.011510 0.010802 -1.066 0.287

L19.Temp. prom aire -0.003080 0.004801 -0.641 0.521

L20.Conduct -1.387994 24.279237 -0.057 0.954

L20.Water 677.967523 639.713203 1.060 0.289

L20.Temp 11.865560 36.784117 0.323 0.747

L20.Precip. horaria -0.007461 0.010786 -0.692 0.489

L20.Temp. prom aire 0.008170 0.004801 1.702 0.089

L21.Conduct 1.924005 24.254317 0.079 0.937

L21.Water -3.124754 523.906624 -0.006 0.995

L21.Temp 0.353147 35.561255 0.010 0.992

L21.Precip. horaria -0.008828 0.010764 -0.820 0.412

L21.Temp. prom aire -0.005438 0.004801 -1.133 0.257

L22.Conduct 11.981692 24.223442 0.495 0.621

L22.Water -52.144449 330.005872 -0.158 0.874

L22.Temp 9.511929 34.201492 0.278 0.781

L22.Precip. horaria -0.003330 0.010778 -0.309 0.757

L22.Temp. prom aire 0.001515 0.004798 0.316 0.752

L23.Conduct -14.504282 19.127822 -0.758 0.448

L23.Water -15.666439 132.795358 -0.118 0.906

L23.Temp -13.077159 24.368179 -0.537 0.592

L23.Precip. horaria 0.042442 0.010717 3.960 0.000

L23.Temp. prom aire -0.002363 0.004524 -0.522 0.602

L24.Conduct 4.461354 6.358453 0.702 0.483

L24.Water 11.167617 24.621642 0.454 0.650

L24.Temp 4.433000 7.195404 0.616 0.538

L24.Precip. horaria -0.018937 0.009331 -2.030 0.042

L24.Temp. prom aire 0.000150 0.002542 0.059 0.953

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.232774 0.058815 3.958 0.000

L1.Conduct 1.232241 23.299376 0.053 0.958

L1.Water 38.342405 89.237940 0.430 0.667

L1.Temp 2.195656 26.298744 0.083 0.933

L1.Precip. horaria 0.039693 0.033805 1.174 0.240

L1.Temp. prom aire 1.468301 0.009228 159.119 0.000

L2.Conduct -0.883289 69.603343 -0.013 0.990

L2.Water -113.564168 479.777636 -0.237 0.813

L2.Temp -69.013458 89.476138 -0.771 0.441

L2.Precip. horaria 0.020638 0.038748 0.533 0.594

L2.Temp. prom aire -0.623289 0.016419 -37.961 0.000

L3.Conduct -12.093617 87.967509 -0.137 0.891

L3.Water -18.467288 1187.359309 -0.016 0.988

L3.Temp 251.015288 126.726618 1.981 0.048

L3.Precip. horaria -0.014199 0.039110 -0.363 0.717

L3.Temp. prom aire 0.076780 0.017415 4.409 0.000

L4.Conduct 15.049534 88.139126 0.171 0.864

L4.Water 600.867106 1874.171445 0.321 0.749

L4.Temp -289.285239 132.010590 -2.191 0.028

L4.Precip. horaria -0.002288 0.039122 -0.058 0.953

L4.Temp. prom aire -0.029741 0.017429 -1.706 0.088

L5.Conduct 1.044015 88.227411 0.012 0.991

L5.Water -1340.444801 2272.401605 -0.590 0.555

L5.Temp 25.180699 134.899378 0.187 0.852

L5.Precip. horaria -0.000754 0.039125 -0.019 0.985

L5.Temp. prom aire -0.011799 0.017430 -0.677 0.498

L6.Conduct 5.884832 88.260377 0.067 0.947

L6.Water 1585.162707 2426.004183 0.653 0.513

L6.Temp 141.554042 135.994116 1.041 0.298

L6.Precip. horaria 0.017248 0.039137 0.441 0.659

L6.Temp. prom aire 0.017117 0.017427 0.982 0.326

L7.Conduct -10.145647 88.262383 -0.115 0.908

L7.Water -1102.882523 2470.309841 -0.446 0.655

L7.Temp -123.539527 136.253922 -0.907 0.365

L7.Precip. horaria 0.021866 0.039138 0.559 0.576

L7.Temp. prom aire -0.033345 0.017427 -1.913 0.056

L8.Conduct 10.533132 88.242460 0.119 0.905

L8.Water 367.694466 2483.136755 0.148 0.882

L8.Temp 171.669095 136.361328 1.259 0.208

L8.Precip. horaria 0.028644 0.039153 0.732 0.464

L8.Temp. prom aire 0.012123 0.017429 0.696 0.487

L9.Conduct -36.313344 88.237610 -0.412 0.681

L9.Water -18.097379 2491.490288 -0.007 0.994

L9.Temp -50.550934 136.463219 -0.370 0.711

L9.Precip. horaria -0.032020 0.039167 -0.818 0.414

L9.Temp. prom aire 0.011708 0.017430 0.672 0.502

L10.Conduct 48.135242 88.230416 0.546 0.585

L10.Water 134.465003 2500.188557 0.054 0.957

L10.Temp -61.450803 136.558749 -0.450 0.653

L10.Precip. horaria -0.039932 0.039193 -1.019 0.308

L10.Temp. prom aire 0.000431 0.017428 0.025 0.980

L11.Conduct -39.486491 88.227376 -0.448 0.654

L11.Water -410.219421 2510.397085 -0.163 0.870

L11.Temp -148.362817 136.649200 -1.086 0.278

L11.Precip. horaria 0.005090 0.039215 0.130 0.897

L11.Temp. prom aire -0.020948 0.017427 -1.202 0.229

L12.Conduct 2.601082 88.227238 0.029 0.976

L12.Water 929.725356 2520.172409 0.369 0.712

L12.Temp 156.735163 136.722357 1.146 0.252

L12.Precip. horaria 0.003240 0.039223 0.083 0.934

L12.Temp. prom aire 0.019760 0.017428 1.134 0.257

L13.Conduct 15.329103 88.227602 0.174 0.862

L13.Water -1895.829882 2527.083237 -0.750 0.453

L13.Temp 15.453478 136.772170 0.113 0.910

L13.Precip. horaria 0.001579 0.039243 0.040 0.968

L13.Temp. prom aire -0.023065 0.017430 -1.323 0.186

L14.Conduct -8.320161 88.227266 -0.094 0.925

L14.Water 2876.098529 2532.527809 1.136 0.256

L14.Temp -14.826410 136.827377 -0.108 0.914

L14.Precip. horaria -0.014695 0.039242 -0.374 0.708

L14.Temp. prom aire 0.028397 0.017432 1.629 0.103

L15.Conduct 45.128708 88.218635 0.512 0.609

L15.Water -3194.524461 2538.266515 -1.259 0.208

L15.Temp -37.970651 136.889394 -0.277 0.781

L15.Precip. horaria 0.023252 0.039247 0.592 0.554

L15.Temp. prom aire -0.024720 0.017434 -1.418 0.156

L16.Conduct -48.882735 88.214461 -0.554 0.579

L16.Water 2699.836671 2543.852046 1.061 0.289

L16.Temp 31.367287 136.932594 0.229 0.819

L16.Precip. horaria -0.019885 0.039251 -0.507 0.612

L16.Temp. prom aire -0.008905 0.017437 -0.511 0.610

L17.Conduct 61.634071 88.212185 0.699 0.485

L17.Water -1548.913950 2548.125000 -0.608 0.543

L17.Temp 102.261814 136.935723 0.747 0.455

L17.Precip. horaria 0.007391 0.039235 0.188 0.851

L17.Temp. prom aire 0.021178 0.017437 1.215 0.225

L18.Conduct -142.858067 88.208725 -1.620 0.105

L18.Water -141.521095 2542.965312 -0.056 0.956

L18.Temp -137.452047 136.765512 -1.005 0.315

L18.Precip. horaria 0.002320 0.039216 0.059 0.953

L18.Temp. prom aire -0.013482 0.017435 -0.773 0.439

L19.Conduct 132.518079 88.208328 1.502 0.133

L19.Water 1773.988561 2494.247473 0.711 0.477

L19.Temp 105.257868 135.968341 0.774 0.439

L19.Precip. horaria -0.037805 0.039227 -0.964 0.335

L19.Temp. prom aire 0.019392 0.017435 1.112 0.266

L20.Conduct 38.795318 88.168055 -0.440 0.660

L20.Water -2459.372569 2323.065937 -1.059 0.290

L20.Temp -194.751035 133.578499 -1.458 0.145

L20.Precip. horaria -0.013870 0.039170 -0.354 0.723

L20.Temp. prom aire -0.009563 0.017435 -0.549 0.583

L21.Conduct -0.738412 88.077558 -0.008 0.993

L21.Water 2066.508084 1902.523863 1.086 0.277

L21.Temp 191.058494 129.137775 1.479 0.139

L21.Precip. horaria 0.019629 0.039090 0.502 0.616

L21.Temp. prom aire 0.023914 0.017434 1.372 0.170

L22.Conduct -7.535341 87.965438 -0.086 0.932

L22.Water -1182.103608 1198.389210 -0.986 0.324

L22.Temp -153.673175 124.199908 -1.237 0.216

L22.Precip. horaria 0.018155 0.039140 0.464 0.643

L22.Temp. prom aire 0.026542 0.017423 1.523 0.128

L23.Conduct 10.633018 69.461115 0.153 0.878

L23.Water 422.229035 482.235433 0.876 0.381

L23.Temp 143.841437 88.491040 1.625 0.104

L23.Precip. horaria 0.025947 0.038918 0.667 0.505

L23.Temp. prom. aire 0.167039 0.016429 10.168 0.000

L24.Conduct -3.672358 23.090200 -0.159 0.874

L24.Water -68.978715 89.411471 -0.771 0.440

L24.Temp -56.697899 26.129520 -2.170 0.030

L24.Precip. horaria -0.029779 0.033884 -0.879 0.379

L24.Temp. prom aire -0.132446 0.009231 -14.349 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.180682 -0.077303 0.004861 0.004640

Water 0.180682 1.000000 -0.116167 0.028624 -0.002959

Temp -0.077303 -0.116167 1.000000 0.004607 -0.014956

Precip. horaria 0.004861 0.028624 0.004607 1.000000 -0.022790

Temp. prom aire 0.004640 -0.002959 -0.014956 -0.022790 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -54.2589

Nobs: 11665.0 HQIC: -54.5125

Log likelihood: 236538. FPE: 1.86123e-24

AIC: -54.6408 Det(Omega\_mle): 1.76763e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000453 0.000076 5.924 0.000

L1.Conduct 2.751151 0.008939 307.772 0.000

L1.Water 13.646084 NAN NAN NAN

L1.Temp 0.081727 0.020508 3.985 0.000

L1.Precip. horaria -0.000079 0.000031 -2.567 0.010

L1.Temp. prom aire -0.000002 0.000008 -0.247 0.805

L2.Conduct -2.304193 0.025762 -89.443 0.000

L2.Water -66.537573 NAN NAN NAN

L2.Temp -0.142337 0.068390 -2.081 0.037

L2.Precip. horaria 0.000204 0.000035 5.758 0.000

L2.Temp. prom aire 0.000002 0.000015 0.120 0.904

L3.Conduct 0.341736 0.032109 10.643 0.000

L3.Water 137.822657 NAN NAN NAN

L3.Temp -0.112844 0.093711 -1.204 0.229

L3.Precip. horaria -0.000149 0.000036 -4.187 0.000

L3.Temp. prom aire 0.000002 0.000016 0.154 0.877

L4.Conduct 0.258300 0.031981 8.077 0.000

L4.Water -148.858554 NAN NAN NAN

L4.Temp 0.480115 0.093804 5.118 0.000

L4.Precip. horaria 0.000030 0.000036 0.841 0.400

L4.Temp. prom aire -0.000006 0.000016 -0.382 0.702

L5.Conduct -0.149899 0.032387 -4.628 0.000

L5.Water 53.020924 NAN NAN NAN

L5.Temp -0.627780 0.093871 -6.688 0.000

L5.Precip. horaria 0.000021 0.000036 0.575 0.565

L5.Temp. prom aire 0.000018 0.000016 1.100 0.271

L6.Conduct 0.158470 0.032401 4.891 0.000

L6.Water 110.109414 NAN NAN NAN

L6.Temp 0.460583 0.094544 4.872 0.000

L6.Precip. horaria 0.000020 0.000036 0.565 0.572

L6.Temp. prom aire -0.000018 0.000016 -1.099 0.272

L7.Conduct -0.044004 0.032347 -1.360 0.174

L7.Water -247.743376 NAN NAN NAN

L7.Temp 0.057854 0.093981 0.616 0.538

L7.Precip. horaria 0.000002 0.000036 0.064 0.949

L7.Temp. prom aire -0.000003 0.000016 -0.194 0.846

L8.Conduct 0.002199 0.032470 0.068 0.946

L8.Water 283.604872 NAN NAN NAN

L8.Temp -0.474540 0.094179 -5.039 0.000

L8.Precip. horaria -0.000009 0.000036 -0.258 0.796

L8.Temp. prom aire 0.000019 0.000016 1.180 0.238

L9.Conduct -0.018378 0.032360 -0.568 0.570

L9.Water -223.568494 NAN NAN NAN

L9.Temp 0.448569 0.094669 4.738 0.000

L9.Precip. horaria -0.000011 0.000036 -0.307 0.759

L9.Temp. prom aire 0.000000 0.000016 0.008 0.994

L10.Conduct -0.009590 0.032393 -0.296 0.767

L10.Water 137.470835 NAN NAN NAN

L10.Temp -0.306206 0.094658 -3.235 0.001

L10.Precip. horaria 0.000004 0.000036 0.108 0.914

L10.Temp. prom aire -0.000022 0.000016 -1.398 0.162

L11.Conduct 0.031562 0.032430 0.973 0.330

L11.Water -72.687168 NAN NAN NAN

L11.Temp 0.244159 0.094637 2.580 0.010

L11.Precip. horaria 0.000002 0.000036 0.050 0.960

L11.Temp. prom aire 0.000020 0.000016 1.235 0.217

L12.Conduct -0.031645 0.032028 -0.988 0.323

L12.Water 29.233356 NAN NAN NAN

L12.Temp -0.158579 0.094754 -1.674 0.094

L12.Precip. horaria -0.000016 0.000036 -0.453 0.650

L12.Temp. prom aire -0.000015 0.000016 -0.914 0.361

L13.Conduct 0.014952 0.032170 0.465 0.642

L13.Water 0.169535 NAN NAN NAN

L13.Temp 0.056983 0.094646 0.602 0.547

L13.Precip. horaria 0.000029 0.000036 0.817 0.414

L13.Temp. prom aire 0.000005 0.000016 0.338 0.736

L14.Conduct 0.009612 0.032208 0.298 0.765

L14.Water -13.533156 NAN NAN NAN

L14.Temp 0.012037 0.094674 0.127 0.899

L14.Precip. horaria -0.000025 0.000036 -0.713 0.476

L14.Temp. prom aire 0.000017 0.000016 1.091 0.275

L15.Conduct -0.025254 0.031749 -0.795 0.426

L15.Water 10.292686 NAN NAN NAN

L15.Temp -0.053220 0.094577 -0.563 0.574

L15.Precip. horaria 0.000009 0.000036 0.244 0.807

L15.Temp. prom aire -0.000023 0.000016 -1.428 0.153

L16.Conduct 0.025473 0.032189 0.791 0.429

L16.Water 4.401270 NAN NAN NAN

L16.Temp 0.062267 0.094325 0.660 0.509

L16.Precip. horaria -0.000003 0.000036 -0.088 0.930

L16.Temp. prom aire 0.000008 0.000016 0.514 0.607

L17.Conduct -0.007235 0.032576 -0.222 0.824

L17.Water -21.514953 NAN NAN NAN

L17.Temp -0.031635 0.094716 -0.334 0.738

L17.Precip. horaria -0.000033 0.000036 -0.914 0.361

L17.Temp. prom aire 0.000007 0.000016 0.413 0.680

L18.Conduct -0.006727 0.032454 -0.207 0.836

L18.Water 30.978475 NAN NAN NAN

L18.Temp -0.031171 0.094377 -0.330 0.741

L18.Precip. horaria 0.000087 0.000036 2.435 0.015

L18.Temp. prom aire -0.000008 0.000016 -0.501 0.616

L19.Conduct -0.009932 0.032505 -0.306 0.760

L19.Water -28.449518 NAN NAN NAN

L19.Temp 0.065569 0.093451 0.702 0.483

L19.Precip. horaria -0.000061 0.000036 -1.707 0.088

L19.Temp. prom aire -0.000001 0.000016 -0.045 0.964

L20.Conduct -0.007159 0.032696 -0.219 0.827

L20.Water 18.729708 NAN NAN NAN

L20.Temp -0.040703 0.094281 -0.432 0.666

L20.Precip. horaria -0.000024 0.000036 -0.668 0.504

L20.Temp. prom aire 0.000008 0.000016 0.515 0.606

L21.Conduct 0.041118 0.032627 1.260 0.208

L21.Water -9.022514 NAN NAN NAN

L21.Temp 0.017141 0.093777 0.183 0.855

L21.Precip. horaria 0.000032 0.000036 0.906 0.365

L21.Temp. prom aire -0.000005 0.000016 -0.297 0.766

L22.Conduct -0.033306 0.032424 -1.027 0.304

L22.Water 2.853110 NAN NAN NAN

L22.Temp -0.010408 0.093088 -0.112 0.911

L22.Precip. horaria -0.000050 0.000036 -1.396 0.163

L22.Temp. prom aire 0.000003 0.000016 0.178 0.859

L23.Conduct 0.032726 0.024965 1.311 0.190

L23.Water -0.421902 NAN NAN NAN

L23.Temp -0.001375 0.068386 -0.020 0.984

L23.Precip. horaria 0.000033 0.000035 0.935 0.350

L23.Temp. prom aire 0.000002 0.000015 0.166 0.868

L24.Conduct -0.019985 0.008265 -2.418 0.016

L24.Water 0.004287 NAN NAN NAN

L24.Temp 0.003778 0.020577 0.184 0.854

L24.Precip. horaria 0.000050 0.000031 1.633 0.102

L24.Temp. prom aire -0.000003 0.000008 -0.399 0.690

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000001 0.000002 0.395 0.693

L1.Conduct 0.001012 0.000184 5.496 0.000

L1.Water 5.641666 NAN NAN NAN

L1.Temp -0.000598 0.000422 -1.417 0.157

L1.Precip. horaria 0.000002 0.000001 2.966 0.003

L1.Temp. prom aire 0.000000 0.000000 0.941 0.347

L2.Conduct -0.002492 0.000530 -4.699 0.000

L2.Water -14.053860 NAN NAN NAN

L2.Temp 0.007171 0.001408 5.093 0.000

L2.Precip. horaria -0.000000 0.000001 -0.329 0.742

L2.Temp. prom aire -0.000000 0.000000 -0.259 0.796

L3.Conduct 0.002390 0.000661 3.615 0.000

L3.Water 20.639032 NAN NAN NAN

L3.Temp -0.023201 0.001929 -12.025 0.000

L3.Precip. horaria -0.000001 0.000001 -1.157 0.247

L3.Temp. prom aire -0.000000 0.000000 -0.076 0.940

L4.Conduct -0.001592 0.000658 -2.418 0.016

L4.Water -20.442577 NAN NAN NAN

L4.Temp 0.033780 0.001931 17.491 0.000

L4.Precip. horaria -0.000001 0.000001 -1.484 0.138

L4.Temp. prom aire 0.000000 0.000000 0.030 0.976

L5.Conduct 0.000682 0.000667 1.023 0.307

L5.Water 15.279332 NAN NAN NAN

L5.Temp -0.028628 0.001933 -14.813 0.000

L5.Precip. horaria -0.000000 0.000001 -0.042 0.966

L5.Temp. prom aire 0.000000 0.000000 0.609 0.542

L6.Conduct 0.000634 0.000667 0.951 0.342

L6.Water -9.741274 NAN NAN NAN

L6.Temp 0.021587 0.001946 11.090 0.000

L6.Precip. horaria 0.000001 0.000001 1.497 0.134

L6.Temp. prom aire -0.000000 0.000000 -1.519 0.129

L7.Conduct -0.001305 0.000666 -1.960 0.050

L7.Water 5.716893 NAN NAN NAN

L7.Temp -0.017390 0.001935 -8.987 0.000

L7.Precip. horaria -0.000001 0.000001 -0.850 0.395

L7.Temp. prom aire 0.000000 0.000000 1.381 0.167

L8.Conduct 0.001033 0.000669 1.545 0.122

L8.Water -2.844681 NAN NAN NAN

L8.Temp 0.010637 0.001939 5.486 0.000

L8.Precip. horaria -0.000001 0.000001 -1.174 0.240

L8.Temp. prom aire -0.000000 0.000000 -0.701 0.483

L9.Conduct -0.000392 0.000666 -0.588 0.556

L9.Water 0.851088 NAN NAN NAN

L9.Temp -0.004472 0.001949 -2.294 0.022

L9.Precip. horaria -0.000000 0.000001 -0.073 0.942

L9.Temp. prom aire 0.000000 0.000000 0.807 0.420

L10.Conduct -0.000658 0.000667 -0.986 0.324

L10.Water 0.100299 NAN NAN NAN

L10.Temp 0.000366 0.001949 0.188 0.851

L10.Precip. horaria 0.000000 0.000001 0.101 0.919

L10.Temp. prom aire -0.000000 0.000000 -1.022 0.307

L11.Conduct 0.001415 0.000668 2.120 0.034

L11.Water -0.092423 NAN NAN NAN

L11.Temp 0.001286 0.001948 0.660 0.509

L11.Precip. horaria 0.000000 0.000001 0.147 0.883

L11.Temp. prom aire 0.000000 0.000000 0.848 0.396

L12.Conduct -0.000847 0.000659 -1.285 0.199

L12.Water -0.361694 NAN NAN NAN

L12.Temp -0.000298 0.001951 -0.153 0.879

L12.Precip. horaria -0.000000 0.000001 -0.345 0.730

L12.Temp. prom aire -0.000000 0.000000 -0.136 0.892

L13.Conduct -0.000033 0.000662 -0.049 0.961

L13.Water 0.719068 NAN NAN NAN

L13.Temp -0.000322 0.001949 -0.165 0.869

L13.Precip. horaria -0.000000 0.000001 -0.254 0.799

L13.Temp. prom aire -0.000000 0.000000 -0.805 0.421

L14.Conduct 0.001856 0.000663 2.798 0.005

L14.Water -0.768416 NAN NAN NAN

L14.Temp 0.000455 0.001949 0.233 0.816

L14.Precip. horaria -0.000001 0.000001 -0.994 0.320

L14.Temp. prom aire 0.000000 0.000000 0.979 0.327

L15.Conduct -0.003031 0.000654 -4.637 0.000

L15.Water 0.506098 NAN NAN NAN

L15.Temp -0.001778 0.001947 -0.913 0.361

L15.Precip. horaria 0.000001 0.000001 1.433 0.152

L15.Temp. prom aire 0.000000 0.000000 0.428 0.669

L16.Conduct 0.000519 0.000663 0.782 0.434

L16.Water 0.008991 NAN NAN NAN

L16.Temp 0.001933 0.001942 0.995 0.320

L16.Precip. horaria -0.000000 0.000001 -0.378 0.705

L16.Temp. prom aire -0.000001 0.000000 -1.635 0.102

L17.Conduct 0.001369 0.000671 2.042 0.041

L17.Water -0.419960 NAN NAN NAN

L17.Temp 0.000921 0.001950 0.472 0.637

L17.Precip. horaria 0.000001 0.000001 0.884 0.377

L17.Temp. prom aire 0.000001 0.000000 1.557 0.120

L18.Conduct -0.001064 0.000668 -1.593 0.111

L18.Water 0.187592 NAN NAN NAN

L18.Temp -0.004091 0.001943 -2.105 0.035

L18.Precip. horaria 0.000001 0.000001 1.137 0.256

L18.Temp. prom aire -0.000000 0.000000 -0.766 0.444

L19.Conduct 0.001758 0.000669 2.627 0.009

L19.Water 0.840423 NAN NAN NAN

L19.Temp 0.004937 0.001924 2.566 0.010

L19.Precip. horaria -0.000000 0.000001 -0.613 0.540

L19.Temp. prom aire 0.000000 0.000000 0.402 0.688

L20.Conduct -0.003417 0.000673 -5.076 0.000

L20.Water -2.138361 NAN NAN NAN

L20.Temp 0.000250 0.001941 0.129 0.897

L20.Precip. horaria 0.000001 0.000001 1.124 0.261

L20.Temp. prom. aire -0.000000 0.000000 -0.163 0.871

L21.Conduct 0.004722 0.000672 7.030 0.000

L21.Water 2.660377 NAN NAN NAN

L21.Temp -0.007853 0.001931 -4.067 0.000

L21.Precip. horaria 0.000001 0.000001 1.549 0.121

L21.Temp. prom aire -0.000000 0.000000 -0.907 0.365

L22.Conduct -0.003713 0.000668 -5.562 0.000

L22.Water -1.901455 NAN NAN NAN

L22.Temp 0.007110 0.001917 3.710 0.000

L22.Precip. horaria 0.000001 0.000001 1.064 0.287

L22.Temp. prom aire 0.000001 0.000000 1.739 0.082

L23.Conduct 0.001260 0.000514 2.452 0.014

L23.Water 0.727821 NAN NAN NAN

L23.Temp -0.001498 0.001408 -1.064 0.287

L23.Precip. horaria -0.000001 0.000001 -1.519 0.129

L23.Temp. prom aire -0.000000 0.000000 -1.266 0.206

L24.Conduct -0.000105 0.000170 -0.619 0.536

L24.Water -0.113979 NAN NAN NAN

L24.Temp -0.000304 0.000424 -0.717 0.473

L24.Precip. horaria -0.000002 0.000001 -2.732 0.006

L24.Temp. prom aire 0.000000 0.000000 0.368 0.713

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000028 0.000034 0.811 0.418

L1.Conduct -0.015162 0.004023 -3.769 0.000

L1.Water 2.710250 NAN NAN NAN

L1.Temp 3.185769 0.009229 345.183 0.000

L1.Precip. horaria 0.000004 0.000014 0.289 0.772

L1.Temp. prom aire -0.000001 0.000004 -0.252 0.801

L2.Conduct 0.039016 0.011593 3.365 0.001

L2.Water -13.962178 NAN NAN NAN

L2.Temp -3.136049 0.030778 -101.894 0.000

L2.Precip. horaria -0.000008 0.000016 -0.530 0.596

L2.Temp. prom aire -0.000007 0.000007 -0.982 0.326

L3.Conduct -0.022350 0.014450 -1.547 0.122

L3.Water 30.983685 NAN NAN NAN

L3.Temp 0.541029 0.042172 12.829 0.000

L3.Precip. horaria 0.000002 0.000016 0.120 0.905

L3.Temp. prom aire 0.000006 0.000007 0.900 0.368

L4.Conduct -0.011286 0.014392 -0.784 0.433

L4.Water -39.669595 NAN NAN NAN

L4.Temp 0.367506 0.042215 8.706 0.000

L4.Precip. horaria 0.000007 0.000016 0.413 0.680

L4.Temp. prom aire 0.000006 0.000007 0.868 0.385

L5.Conduct 0.007038 0.014575 0.483 0.629

L5.Water 34.549184 NAN NAN NAN

L5.Temp 0.092026 0.042245 2.178 0.029

L5.Precip. horaria 0.000010 0.000016 0.645 0.519

L5.Temp. prom aire -0.000003 0.000007 -0.396 0.692

L6.Conduct 0.000275 0.014582 0.019 0.985

L6.Water -24.920666 NAN NAN NAN

L6.Temp 0.074975 0.042547 1.762 0.078

L6.Precip. horaria 0.000007 0.000016 0.440 0.660

L6.Temp. prom aire 0.000007 0.000007 1.026 0.305

L7.Conduct 0.004054 0.014557 0.279 0.781

L7.Water 18.174594 NAN NAN NAN

L7.Temp -0.063854 0.042294 -1.510 0.131

L7.Precip. horaria -0.000002 0.000016 -0.153 0.878

L7.Temp. prom aire -0.000012 0.000007 -1.622 0.105

L8.Conduct 0.001847 0.014613 0.126 0.899

L8.Water -13.347947 NAN NAN NAN

L8.Temp -0.012887 0.042383 -0.304 0.761

L8.Precip. horaria -0.000000 0.000016 -0.025 0.980

L8.Temp. prom aire 0.000006 0.000007 0.848 0.396

L9.Conduct -0.003085 0.014563 -0.212 0.832

L9.Water 8.285260 NAN NAN NAN

L9.Temp -0.071058 0.042604 -1.668 0.095

L9.Precip. horaria -0.000000 0.000016 -0.028 0.978

L9.Temp. prom aire -0.000007 0.000007 -1.037 0.300

L10.Conduct -0.000328 0.014578 -0.023 0.982

L10.Water -3.658493 NAN NAN NAN

L10.Temp -0.005457 0.042599 -0.128 0.898

L10.Precip. horaria -0.000002 0.000016 -0.115 0.908

L10.Temp. prom aire 0.000001 0.000007 0.184 0.854

L11.Conduct 0.001590 0.014594 0.109 0.913

L11.Water 1.095049 NAN NAN NAN

L11.Temp -0.000518 0.042590 -0.012 0.990

L11.Precip. horaria -0.000003 0.000016 -0.200 0.842

L11.Temp. prom aire 0.000006 0.000007 0.883 0.377

L12.Conduct -0.002380 0.014414 -0.165 0.869

L12.Water -0.609201 NAN NAN NAN

L12.Temp 0.014291 0.042642 0.335 0.738

L12.Precip. horaria -0.000003 0.000016 -0.193 0.847

L12.Temp. prom aire -0.000006 0.000007 -0.882 0.378

L13.Conduct 0.000549 0.014477 0.038 0.970

L13.Water 0.827437 NAN NAN NAN

L13.Temp 0.017889 0.042593 0.420 0.674

L13.Precip. horaria 0.000001 0.000016 0.075 0.940

L13.Temp. prom aire 0.000009 0.000007 1.254 0.210

L14.Conduct -0.002916 0.014494 -0.201 0.841

L14.Water -0.772868 NAN NAN NAN

L14.Temp 0.013359 0.042606 0.314 0.754

L14.Precip. horaria 0.000006 0.000016 0.342 0.732

L14.Temp. prom aire -0.000005 0.000007 -0.749 0.454

L15.Conduct 0.000094 0.014288 0.007 0.995

L15.Water 0.405898 NAN NAN NAN

L15.Temp 0.004435 0.042563 0.104 0.917

L15.Precip. horaria 0.000006 0.000016 0.399 0.690

L15.Temp. prom aire -0.000001 0.000007 -0.085 0.932

L16.Conduct 0.005134 0.014486 0.354 0.723

L16.Water 0.351070 NAN NAN NAN

L16.Temp -0.005526 0.042449 -0.130 0.896

L16.Precip. horaria 0.000001 0.000016 0.075 0.941

L16.Temp. prom aire -0.000001 0.000007 -0.125 0.901

L17.Conduct 0.000320 0.014660 0.022 0.983

L17.Water -1.604794 NAN NAN NAN

L17.Temp -0.023943 0.042625 -0.562 0.574

L17.Precip. horaria -0.000001 0.000016 -0.070 0.944

L17.Temp. prom aire 0.000001 0.000007 0.123 0.902

L18.Conduct -0.000628 0.014605 -0.043 0.966

L18.Water 2.440595 NAN NAN NAN

L18.Temp -0.026634 0.042472 -0.627 0.531

L18.Precip. horaria -0.000005 0.000016 -0.300 0.764

L18.Temp. prom aire -0.000002 0.000007 -0.306 0.760

L19.Conduct -0.002764 0.014628 -0.189 0.850

L19.Water -2.241421 NAN NAN NAN

L19.Temp -0.009451 0.042055 -0.225 0.822

L19.Precip. horaria -0.000005 0.000016 -0.338 0.736

L19.Temp. prom aire 0.000001 0.000007 0.094 0.925

L20.Conduct -0.001641 0.014714 -0.112 0.911

L20.Water 1.686335 NAN NAN NAN

L20.Temp 0.015632 0.042429 0.368 0.713

L20.Precip. horaria -0.000002 0.000016 -0.127 0.899

L20.Temp. prom aire 0.000002 0.000007 0.311 0.756

L21.Conduct 0.010379 0.014683 0.707 0.480

L21.Water -0.893388 NAN NAN NAN

L21.Temp 0.063316 0.042202 1.500 0.134

L21.Precip. horaria -0.000005 0.000016 -0.287 0.774

L21.Temp. prom aire 0.000001 0.000007 0.114 0.909

L22.Conduct -0.013941 0.014592 -0.955 0.339

L22.Water -0.127192 NAN NAN NAN

L22.Temp 0.116331 0.041892 2.777 0.005

L22.Precip. horaria -0.000004 0.000016 -0.279 0.780

L22.Temp. prom aire -0.000000 0.000007 -0.045 0.964

L23.Conduct 0.006706 0.011235 0.597 0.551

L23.Water 0.470530 NAN NAN NAN

L23.Temp -0.258575 0.030776 -8.402 0.000

L23.Precip. horaria -0.000004 0.000016 -0.243 0.808

L23.Temp. prom aire 0.000011 0.000007 1.690 0.091

L24.Conduct -0.000521 0.003719 -0.140 0.889

L24.Water -0.172144 NAN NAN NAN

L24.Temp 0.107394 0.009260 11.597 0.000

L24.Precip. horaria 0.000004 0.000014 0.324 0.746

L24.Temp. prom aire -0.000013 0.000004 -3.300 0.001

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.051649 0.023119 -2.234 0.025

L1.Conduct -1.302144 2.705174 -0.481 0.630

L1.Water 52.903516 NAN NAN NAN

L1.Temp 1.622973 6.206317 0.262 0.794

L1.Precip. horaria 0.574744 0.009292 61.851 0.000

L1.Temp. prom aire -0.001703 0.002559 -0.665 0.506

L2.Conduct 3.056684 7.796183 0.392 0.695

L2.Water -380.384819 NAN NAN NAN

L2.Temp -5.172342 20.696820 -0.250 0.803

L2.Precip. horaria 0.145455 0.010699 13.596 0.000

L2.Temp. prom aire 0.007903 0.004552 1.736 0.083

L3.Conduct -0.855966 9.717188 -0.088 0.930

L3.Water 1327.919145 NAN NAN NAN

L3.Temp 6.027986 28.359499 0.213 0.832

L3.Precip. horaria 0.010697 0.010795 0.991 0.322

L3.Temp. prom aire -0.005872 0.004828 -1.216 0.224

L4.Conduct -3.673700 9.678373 -0.380 0.704

L4.Water -2959.657021 NAN NAN NAN

L4.Temp -2.735078 28.387883 -0.096 0.923

L4.Precip. horaria -0.026108 0.010797 -2.418 0.016

L4.Temp. prom aire 0.002689 0.004832 0.557 0.578

L5.Conduct 3.852008 9.801123 0.393 0.694

L5.Water 4795.643397 NAN NAN NAN

L5.Temp -2.034751 28.407986 -0.072 0.943

L5.Precip. horaria -0.001686 0.010802 -0.156 0.876

L5.Temp. prom aire -0.004132 0.004832 -0.855 0.392

L6.Conduct -1.235085 9.805609 -0.126 0.900

L6.Water -6151.789112 NAN NAN NAN

L6.Temp 4.096418 28.611592 0.143 0.886

L6.Precip. horaria 0.011708 0.010799 1.084 0.278

L6.Temp. prom aire 0.004692 0.004832 0.971 0.331

L7.Conduct 0.148770 9.789110 0.015 0.988

L7.Water 6621.809418 NAN NAN NAN

L7.Temp -5.672739 28.441287 -0.199 0.842

L7.Precip. horaria 0.039191 0.010803 3.628 0.000

L7.Temp. prom aire -0.003577 0.004832 -0.740 0.459

L8.Conduct -0.359866 9.826450 -0.037 0.971

L8.Water -6097.604616 NAN NAN NAN

L8.Temp 12.980003 28.501112 0.455 0.649

L8.Precip. horaria -0.043475 0.010809 -4.022 0.000

L8.Temp. prom aire 0.003139 0.004833 0.650 0.516

L9.Conduct -1.478751 9.793159 -0.151 0.880

L9.Water 4460.021162 NAN NAN NAN

L9.Temp -14.585251 28.649512 -0.509 0.611

L9.Precip. horaria 0.032030 0.010813 2.962 0.003

L9.Temp. prom aire -0.003184 0.004833 -0.659 0.510

L10.Conduct 7.648235 9.803178 0.780 0.435

L10.Water -1839.307977 NAN NAN NAN

L10.Temp 8.864342 28.646117 0.309 0.757

L10.Precip. horaria 0.045277 0.010815 4.186 0.000

L10.Temp. prom aire 0.003809 0.004832 0.788 0.431

L11.Conduct -3.234116 9.814145 -0.330 0.742

L11.Water -619.919980 NAN NAN NAN

L11.Temp -2.835896 28.639961 -0.099 0.921

L11.Precip. horaria -0.009582 0.010821 -0.885 0.376

L11.Temp. prom aire -0.000622 0.004833 -0.129 0.898

L12.Conduct 12.969558 9.692647 -1.338 0.181

L12.Water 828.696773 NAN NAN NAN

L12.Temp -11.802856 28.675229 -0.412 0.681

L12.Precip. horaria 0.029772 0.010820 2.752 0.006

L12.Temp. prom aire -0.003882 0.004833 -0.803 0.422

L13.Conduct 16.522620 9.735514 1.697 0.090

L13.Water 2481.955176 NAN NAN NAN

L13.Temp 18.089389 28.642553 0.632 0.528

L13.Precip. horaria -0.002122 0.010820 -0.196 0.844

L13.Temp. prom aire 0.003812 0.004834 0.789 0.430

L14.Conduct -8.683508 9.746992 -0.891 0.373

L14.Water -7768.122929 NAN NAN NAN

L14.Temp -6.719998 28.651112 -0.235 0.815

L14.Precip. horaria -0.017745 0.010819 -1.640 0.101

L14.Temp. prom aire 0.002263 0.004834 0.468 0.640

L15.Conduct 6.019128 9.608103 0.626 0.531

L15.Water 12216.591223 NAN NAN NAN

L15.Temp 1.987451 28.621808 0.069 0.945

L15.Precip. horaria 0.016146 0.010812 1.493 0.135

L15.Temp. prom aire -0.004699 0.004834 -0.972 0.331

L16.Conduct -7.432459 9.741429 -0.763 0.445

L16.Water -15189.472772 NAN NAN NAN

L16.Temp -0.893268 28.545404 -0.031 0.975

L16.Precip. horaria -0.027202 0.010809 -2.517 0.012

L16.Temp. prom aire 0.002170 0.004835 0.449 0.654

L17.Conduct 3.538528 9.858308 0.359 0.720

L17.Water 17092.037613 NAN NAN NAN

L17.Temp -13.571860 28.663753 -0.473 0.636

L17.Precip. horaria 0.006516 0.010804 0.603 0.546

L17.Temp. prom aire -0.000174 0.004835 -0.036 0.971

L18.Conduct -0.571166 9.821358 -0.058 0.954

L18.Water -16624.179318 NAN NAN NAN

L18.Temp 30.684937 28.561037 1.074 0.283

L18.Precip. horaria 0.007353 0.010795 0.681 0.496

L18.Temp. prom aire 0.000037 0.004834 0.008 0.994

L19.Conduct 4.218042 9.837002 0.429 0.668

L19.Water 13375.641365 NAN NAN NAN

L19.Temp -24.453406 28.280821 -0.865 0.387

L19.Precip. horaria -0.013310 0.010797 -1.233 0.218

L19.Temp. prom aire -0.002951 0.004834 -0.610 0.542

L20.Conduct -2.322307 9.894857 -0.235 0.814

L20.Water -10081.761564 NAN NAN NAN

L20.Temp 9.563074 28.532138 0.335 0.737

L20.Precip. horaria -0.012710 0.010797 -1.177 0.239

L20.Temp. prom aire 0.007663 0.004834 1.585 0.113

L21.Conduct -1.634948 9.873809 -0.166 0.868

L21.Water 8152.647944 NAN NAN NAN

L21.Temp -19.022075 28.379545 -0.670 0.503

L21.Precip. horaria -0.012698 0.010796 -1.176 0.240

L21.Temp. prom aire -0.004807 0.004834 -0.994 0.320

L22.Conduct 2.164122 9.812384 0.221 0.825

L22.Water -5693.275570 NAN NAN NAN

L22.Temp 26.289966 28.171093 0.933 0.351

L22.Precip. horaria 0.000011 0.010790 0.001 0.999

L22.Temp. prom aire 0.001178 0.004831 0.244 0.807

L23.Conduct -3.102618 7.555083 -0.411 0.681

L23.Water 2454.392414 NAN NAN NAN

L23.Temp -11.772203 20.695569 -0.569 0.569

L23.Precip. horaria 0.035937 0.010709 3.356 0.001

L23.Temp. prom aire -0.002429 0.004556 -0.533 0.594

L24.Conduct 1.687743 2.501169 0.675 0.500

L24.Water -454.780606 NAN NAN NAN

L24.Temp 1.065065 6.227153 0.171 0.864

L24.Precip. horaria -0.022366 0.009263 -2.414 0.016

L24.Temp. prom aire 0.000694 0.002561 0.271 0.787

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.250116 0.083333 3.001 0.003

L1.Conduct -8.986208 9.751007 -0.922 0.357

L1.Water -145.716863 NAN NAN NAN

L1.Temp -28.729463 22.371145 -1.284 0.199

L1.Precip. horaria 0.035312 0.033495 1.054 0.292

L1.Temp. prom aire 1.468280 0.009225 159.164 0.000

L2.Conduct 24.395249 28.101939 0.868 0.385

L2.Water 1275.643727 NAN NAN NAN

L2.Temp 7.855040 74.603275 0.105 0.916

L2.Precip. horaria 0.010621 0.038564 0.275 0.783

L2.Temp. prom aire -0.623593 0.016408 -38.005 0.000

L3.Conduct -24.213714 35.026350 -0.691 0.489

L3.Water -4107.095168 NAN NAN NAN

L3.Temp 198.993549 102.223990 1.947 0.052

L3.Precip. horaria -0.010676 0.038912 -0.274 0.784

L3.Temp. prom aire 0.076465 0.017402 4.394 0.000

L4.Conduct 14.924675 34.886436 0.428 0.669

L4.Water 6284.454167 NAN NAN NAN

L4.Temp -294.930439 102.326301 -2.882 0.004

L4.Precip. horaria -0.006341 0.038917 -0.163 0.871

L4.Temp. prom aire -0.029943 0.017416 -1.719 0.086

L5.Conduct -7.341391 35.328899 -0.208 0.835

L5.Water -3955.571030 NAN NAN NAN

L5.Temp 66.169070 102.398762 0.646 0.518

L5.Precip. horaria -0.004154 0.038938 -0.107 0.915

L5.Temp. prom aire -0.012637 0.017418 -0.726 0.468

L6.Conduct -8.176182 35.345071 -0.231 0.817

L6.Water -2324.035186 NAN NAN NAN

L6.Temp 67.056330 103.132677 0.650 0.516

L6.Precip. horaria 0.018194 0.038927 0.467 0.640

L6.Temp. prom aire 0.018458 0.017416 1.060 0.289

L7.Conduct 25.282581 35.285598 0.717 0.474

L7.Water 9987.688629 NAN NAN NAN

L7.Temp -54.538340 102.518800 -0.532 0.595

L7.Precip. horaria 0.021821 0.038939 0.560 0.575

L7.Temp. prom aire -0.033560 0.017416 -1.927 0.054

L8.Conduct -27.234370 35.420193 -0.769 0.442

L8.Water -19703.555749 NAN NAN NAN

L8.Temp 117.547301 102.734445 1.144 0.253

L8.Precip. horaria 0.028139 0.038962 0.722 0.470

L8.Temp. prom aire 0.012050 0.017420 0.692 0.489

L9.Conduct 13.068750 35.300194 0.370 0.711

L9.Water 29543.821913 NAN NAN NAN

L9.Temp -39.243600 103.269363 -0.380 0.704

L9.Precip. horaria -0.034620 0.038975 -0.888 0.374

L9.Temp. prom aire 0.011658 0.017421 0.669 0.503

L10.Conduct 8.368012 35.336308 0.237 0.813

L10.Water -31837.565697 NAN NAN NAN

L10.Temp -2.076181 103.257125 -0.020 0.984

L10.Precip. horaria -0.038251 0.038984 -0.981 0.326

L10.Temp. prom aire -0.000010 0.017418 -0.001 1.000

L11.Conduct -26.291638 35.375838 -0.743 0.457

L11.Water 22856.892532 NAN NAN NAN

L11.Temp -175.230952 103.234937 -1.697 0.090

L11.Precip. horaria 0.005031 0.039006 0.129 0.897

L11.Temp. prom aire -0.020652 0.017420 -1.186 0.236

L12.Conduct 27.337853 34.937888 0.782 0.434

L12.Water -7061.776794 NAN NAN NAN

L12.Temp 171.049317 103.362062 1.655 0.098

L12.Precip. horaria 0.009057 0.039002 0.232 0.816

L12.Temp. prom aire 0.019676 0.017420 1.130 0.259

L13.Conduct -26.356271 35.092405 -0.751 0.453

L13.Water -10043.788619 NAN NAN NAN

L13.Temp 4.172121 103.244278 0.040 0.968

L13.Precip. horaria -0.005842 0.039000 -0.150 0.881

L13.Temp. prom aire -0.022578 0.017423 -1.296 0.195

L14.Conduct 18.707274 35.133778 0.532 0.594

L14.Water 24982.740634 NAN NAN NAN

L14.Temp -79.496100 103.275129 -0.770 0.441

L14.Precip. horaria -0.014629 0.038998 -0.375 0.708

L14.Temp. prom aire 0.027620 0.017423 1.585 0.113

L15.Conduct 18.439828 34.633143 0.532 0.594

L15.Water -32946.375839 NAN NAN NAN

L15.Temp 32.200369 103.169502 0.312 0.755

L15.Precip. horaria 0.022662 0.038974 0.581 0.561

L15.Temp. prom aire -0.023911 0.017426 -1.372 0.170

L16.Conduct -37.237418 35.113728 -1.060 0.289

L16.Water 29101.343521 NAN NAN NAN

L16.Temp -73.034278 102.894098 -0.710 0.478

L16.Precip. horaria -0.015770 0.038961 -0.405 0.686

L16.Temp. prom aire -0.009104 0.017428 -0.522 0.601

L17.Conduct 36.780951 35.535028 1.035 0.301

L17.Water -14613.864922 NAN NAN NAN

L17.Temp 180.338011 103.320696 1.745 0.081

L17.Precip. horaria 0.004883 0.038942 0.125 0.900

L17.Temp. prom aire 0.021138 0.017427 1.213 0.225

L18.Conduct -63.576119 35.401838 -1.796 0.073

L18.Water -2648.636157 NAN NAN NAN

L18.Temp -72.173513 102.950449 -0.701 0.483

L18.Precip. horaria -0.000207 0.038913 -0.005 0.996

L18.Temp. prom aire -0.013125 0.017425 -0.753 0.451

L19.Conduct 59.219838 35.458228 1.670 0.095

L19.Water 14291.305186 NAN NAN NAN

L19.Temp 19.033987 101.940388 0.187 0.852

L19.Precip. horaria -0.031698 0.038918 -0.814 0.415

L19.Temp. prom aire 0.019086 0.017426 1.095 0.273

L20.Conduct -13.386006 35.666769 -0.375 0.707

L20.Water -16650.449049 NAN NAN NAN

L20.Temp -84.873471 102.846280 -0.825 0.409

L20.Precip. horaria -0.017209 0.038919 -0.442 0.658

L20.Temp. prom aire -0.010198 0.017423 -0.585 0.558

L21.Conduct -4.788426 35.590901 -0.135 0.893

L21.Water 11786.349766 NAN NAN NAN

L21.Temp 57.580993 102.296245 0.563 0.574

L21.Precip. horaria 0.019973 0.038914 0.513 0.608

L21.Temp. prom aire 0.024046 0.017423 1.380 0.168

L22.Conduct 2.942745 35.369489 0.083 0.934

L22.Water -5241.809757 NAN NAN NAN

L22.Temp -132.697259 101.544866 -1.307 0.191

L22.Precip. horaria 0.016133 0.038892 0.415 0.678

L22.Temp. prom. aire 0.026315 0.017414 1.511 0.131

L23.Conduct -2.387198 27.232875 -0.088 0.930

L23.Water 1292.377759 NAN NAN NAN

L23.Temp 186.743124 74.598764 2.503 0.012

L23.Precip. horaria 0.027614 0.038601 0.715 0.474

L23.Temp. prom aire 0.167084 0.016423 10.174 0.000

L24.Conduct 0.507569 9.015655 0.056 0.955

L24.Water -122.379268 NAN NAN NAN

L24.Temp -71.699734 22.446249 -3.194 0.001

L24.Precip. horaria -0.034284 0.033390 -1.027 0.305

L24.Temp. prom aire -0.131370 0.009233 -14.228 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 -0.092125 0.073178 0.000553 -0.002774

Water -0.092125 1.000000 -0.148691 -0.016045 0.005125

Temp 0.073178 -0.148691 1.000000 0.000897 -0.023660

Precip. horaria 0.000553 -0.016045 0.000897 1.000000 -0.024653

Temp. prom aire -0.002774 0.005125 -0.023660 -0.024653 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -55.6392

Nobs: 11665.0 HQIC: -55.8928

Log likelihood: 244589. FPE: 4.68090e-25

AIC: -56.0211 Det(Omega\_mle): 4.44551e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000138 0.000046 3.005 0.003

L1.Conduct 3.148081 0.009058 347.542 0.000

L1.Water 10.191565 0.143631 70.956 0.000

L1.Temp 0.018019 0.010970 1.643 0.100

L1.Precip. horaria -0.000033 0.000016 -2.012 0.044

L1.Temp. prom aire -0.000001 0.000005 -0.275 0.784

L2.Conduct -3.202742 0.029822 -107.396 0.000

L2.Water -48.895359 0.631270 -77.455 0.000

L2.Temp -0.005021 0.036348 -0.138 0.890

L2.Precip. horaria 0.000114 0.000019 5.991 0.000

L2.Temp. prom aire 0.000003 0.000008 0.400 0.689

L3.Conduct 0.789142 0.041243 19.134 0.000

L3.Water 101.633010 1.070863 94.908 0.000

L3.Temp -0.121327 0.049622 -2.445 0.014

L3.Precip. horaria -0.000087 0.000019 -4.537 0.000

L3.Temp. prom aire 0.000001 0.000009 0.146 0.884

L4.Conduct 0.336311 0.041456 8.112 0.000

L4.Water -120.911540 0.944577 -128.006 0.000

L4.Temp 0.229758 0.050062 4.589 0.000

L4.Precip. horaria 0.000032 0.000019 1.690 0.091

L4.Temp. prom aire -0.000006 0.000009 -0.731 0.465

L5.Conduct -0.026321 0.041374 -0.636 0.525

L5.Water 88.746944 1.249796 71.009 0.000

L5.Temp -0.199400 0.050195 -3.972 0.000

L5.Precip. horaria 0.000022 0.000019 1.176 0.240

L5.Temp. prom aire 0.000010 0.000009 1.119 0.263

L6.Conduct 0.004360 0.041361 0.105 0.916

L6.Water -32.734094 1.647901 -19.864 0.000

L6.Temp 0.120831 0.050208 2.407 0.016

L6.Precip. horaria 0.000019 0.000019 1.004 0.315

L6.Temp. prom aire -0.000009 0.000009 -1.043 0.297

L7.Conduct -0.018465 0.041262 -0.448 0.655

L7.Water -13.245156 1.704371 -7.771 0.000

L7.Temp -0.036040 0.050048 -0.720 0.471

L7.Precip. horaria 0.000010 0.000019 0.547 0.584

L7.Temp. prom aire -0.000004 0.000009 -0.467 0.641

L8.Conduct -0.046498 0.041179 -1.129 0.259

L8.Water 34.071103 1.380919 24.673 0.000

L8.Temp -0.032899 0.050088 -0.657 0.511

L8.Precip. horaria -0.000002 0.000019 -0.110 0.913

L8.Temp. prom aire 0.000013 0.000009 1.498 0.134

L9.Conduct -0.003486 0.041207 -0.085 0.933

L9.Water -34.615354 NAN NAN NAN

L9.Temp 0.043620 0.049942 0.873 0.382

L9.Precip. horaria 0.000011 0.000019 0.599 0.549

L9.Temp. prom aire 0.000001 0.000009 0.163 0.870

L10.Conduct 0.066886 0.041202 1.623 0.105

L10.Water 31.637704 NAN NAN NAN

L10.Temp -0.017008 0.049882 -0.341 0.733

L10.Precip. horaria 0.000004 0.000019 0.220 0.826

L10.Temp. prom aire -0.000017 0.000009 -1.986 0.047

L11.Conduct -0.124050 0.041302 -3.004 0.003

L11.Water -42.175433 NAN NAN NAN

L11.Temp -0.015094 0.049935 -0.302 0.762

L11.Precip. horaria 0.000015 0.000019 0.782 0.434

L11.Temp. prom aire 0.000014 0.000009 1.583 0.113

L12.Conduct 0.135207 0.041520 3.256 0.001

L12.Water 71.401824 NAN NAN NAN

L12.Temp -0.013923 0.049934 -0.279 0.780

L12.Precip. horaria 0.000002 0.000019 0.124 0.901

L12.Temp. prom aire -0.000009 0.000009 -1.047 0.295

L13.Conduct -0.061512 0.041549 -1.480 0.139

L13.Water -103.078101 NAN NAN NAN

L13.Temp 0.126420 0.049948 2.531 0.011

L13.Precip. horaria 0.000036 0.000019 1.891 0.059

L13.Temp. prom aire 0.000006 0.000009 0.649 0.516

L14.Conduct -0.015593 0.041621 -0.375 0.708

L14.Water 109.575159 NAN NAN NAN

L14.Temp -0.200115 0.049994 -4.003 0.000

L14.Precip. horaria -0.000013 0.000019 -0.661 0.509

L14.Temp. prom aire 0.000003 0.000009 0.313 0.754

L15.Conduct 0.032913 0.041877 0.786 0.432

L15.Water -84.034547 NAN NAN NAN

L15.Temp 0.155340 0.050034 3.105 0.002

L15.Precip. horaria 0.000004 0.000019 0.206 0.837

L15.Temp. prom aire -0.000010 0.000009 -1.151 0.250

L16.Conduct -0.030608 0.041821 -0.732 0.464

L16.Water 48.848944 NAN NAN NAN

L16.Temp -0.080609 0.050029 -1.611 0.107

L16.Precip. horaria 0.000010 0.000019 0.533 0.594

L16.Temp. prom aire 0.000006 0.000009 0.691 0.489

L17.Conduct 0.041065 0.041931 0.979 0.327

L17.Water -24.450367 1.691561 -14.454 0.000

L17.Temp 0.053328 0.050107 1.064 0.287

L17.Precip. horaria 0.000009 0.000019 0.482 0.630

L17.Temp. prom aire 0.000002 0.000009 0.242 0.808

L18.Conduct -0.025658 0.041718 -0.615 0.539

L18.Water 10.826366 1.979215 5.470 0.000

L18.Temp -0.042983 0.050111 -0.858 0.391

L18.Precip. horaria 0.000059 0.000019 3.112 0.002

L18.Temp. prom aire -0.000002 0.000009 -0.219 0.827

L19.Conduct -0.029351 0.041467 -0.708 0.479

L19.Water -1.662466 1.791755 -0.928 0.353

L19.Temp 0.018105 0.050142 0.361 0.718

L19.Precip. horaria -0.000027 0.000019 -1.433 0.152

L19.Temp. prom aire -0.000002 0.000009 -0.247 0.805

L20.Conduct -0.008107 0.041448 -0.196 0.845

L20.Water -3.926690 1.307599 -3.003 0.003

L20.Temp 0.006150 0.050093 0.123 0.902

L20.Precip. horaria -0.000020 0.000019 -1.053 0.292

L20.Temp. prom aire 0.000001 0.000009 0.116 0.907

L21.Conduct 0.031283 0.041259 0.758 0.448

L21.Water 5.650807 0.931792 6.064 0.000

L21.Temp -0.005903 0.049900 -0.118 0.906

L21.Precip. horaria 0.000011 0.000019 0.559 0.576

L21.Temp. prom aire 0.000003 0.000009 0.315 0.752

L22.Conduct 0.136911 0.040522 3.379 0.001

L22.Water -4.801677 1.011469 -4.747 0.000

L22.Temp -0.006955 0.049631 -0.140 0.889

L22.Precip. horaria -0.000035 0.000019 -1.807 0.071

L22.Temp. prom aire -0.000004 0.000009 -0.518 0.605

L23.Conduct -0.201157 0.028265 -7.117 0.000

L23.Water 2.539126 0.584243 4.346 0.000

L23.Temp 0.007144 0.036475 0.196 0.845

L23.Precip. horaria 0.000015 0.000019 0.783 0.434

L23.Temp. prom aire 0.000005 0.000008 0.615 0.539

L24.Conduct 0.071387 0.008207 8.699 0.000

L24.Water -0.591768 0.129738 -4.561 0.000

L24.Temp -0.001439 0.011024 -0.131 0.896

L24.Precip. horaria -0.000028 0.000016 -1.707 0.088

L24.Temp. prom aire -0.000004 0.000005 -0.932 0.352

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000006 0.000002 3.516 0.000

L1.Conduct 0.000637 0.000322 1.976 0.048

L1.Water 5.671202 0.005113 1109.257 0.000

L1.Temp -0.003179 0.000390 -8.142 0.000

L1.Precip. horaria 0.000001 0.000001 0.873 0.383

L1.Temp. prom aire -0.000000 0.000000 -0.097 0.923

L2.Conduct -0.002385 0.001062 -2.247 0.025

L2.Water -14.178960 0.022470 -631.009 0.000

L2.Temp 0.015535 0.001294 12.007 0.000

L2.Precip. horaria 0.000001 0.000001 1.659 0.097

L2.Temp. prom aire 0.000000 0.000000 0.915 0.360

L3.Conduct 0.003595 0.001468 2.449 0.014

L3.Water 20.867841 0.038118 547.457 0.000

L3.Temp -0.031354 0.001766 -17.751 0.000

L3.Precip. horaria -0.000003 0.000001 -3.689 0.000

L3.Temp. prom aire -0.000000 0.000000 -0.379 0.704

L4.Conduct -0.002617 0.001476 -1.774 0.076

L4.Water -20.663601 0.033623 -614.575 0.000

L4.Temp 0.034358 0.001782 19.281 0.000

L4.Precip. horaria 0.000002 0.000001 2.362 0.018

L4.Temp. prom aire -0.000000 0.000000 -0.373 0.709

L5.Conduct 0.000548 0.001473 0.372 0.710

L5.Water 15.307947 0.044487 344.100 0.000

L5.Temp -0.025841 0.001787 -14.463 0.000

L5.Precip. horaria -0.000002 0.000001 -3.085 0.002

L5.Temp. prom aire 0.000000 0.000000 0.267 0.790

L6.Conduct 0.000464 0.001472 0.315 0.753

L6.Water -9.480725 0.058658 -161.628 0.000

L6.Temp 0.018910 0.001787 10.581 0.000

L6.Precip. horaria 0.000000 0.000001 0.081 0.935

L6.Temp. prom aire -0.000000 0.000000 -0.048 0.962

L7.Conduct -0.001028 0.001469 -0.700 0.484

L7.Water 5.387572 0.060668 88.805 0.000

L7.Temp -0.013082 0.001781 -7.344 0.000

L7.Precip. horaria 0.000001 0.000001 2.067 0.039

L7.Temp. prom aire 0.000000 0.000000 0.075 0.940

L8.Conduct 0.002772 0.001466 1.891 0.059

L8.Water -2.831131 0.049154 -57.597 0.000

L8.Temp 0.007014 0.001783 3.934 0.000

L8.Precip. horaria -0.000001 0.000001 -0.778 0.436

L8.Temp. prom aire -0.000000 0.000000 -0.482 0.630

L9.Conduct -0.002664 0.001467 -1.816 0.069

L9.Water 1.210007 NAN NAN NAN

L9.Temp -0.003501 0.001778 -1.969 0.049

L9.Precip. horaria 0.000001 0.000001 1.388 0.165

L9.Temp. prom aire 0.000000 0.000000 1.013 0.311

L10.Conduct -0.001214 0.001467 -0.828 0.408

L10.Water -0.349999 NAN NAN NAN

L10.Temp 0.000749 0.001776 0.422 0.673

L10.Precip. horaria -0.000001 0.000001 -1.669 0.095

L10.Temp. prom aire -0.000000 0.000000 -0.096 0.924

L11.Conduct 0.002910 0.001470 1.980 0.048

L11.Water 0.288586 NAN NAN NAN

L11.Temp 0.000636 0.001777 0.358 0.721

L11.Precip. horaria -0.000001 0.000001 -1.439 0.150

L11.Temp. prom aire -0.000000 0.000000 -1.109 0.267

L12.Conduct 0.000287 0.001478 0.194 0.846

L12.Water -0.755323 NAN NAN NAN

L12.Temp 0.000149 0.001777 0.084 0.933

L12.Precip. horaria -0.000001 0.000001 -1.726 0.084

L12.Temp. prom aire 0.000000 0.000000 0.665 0.506

L13.Conduct -0.001124 0.001479 -0.760 0.447

L13.Water 1.151029 NAN NAN NAN

L13.Temp -0.001609 0.001778 -0.905 0.365

L13.Precip. horaria -0.000000 0.000001 -0.671 0.502

L13.Temp. prom aire 0.000000 0.000000 0.132 0.895

L14.Conduct -0.002936 0.001482 -1.982 0.047

L14.Water -1.102297 NAN NAN NAN

L14.Temp 0.002664 0.001780 1.497 0.134

L14.Prep. horaria 0.000002 0.000001 2.280 0.023

L14.Temp. prom aire -0.000000 0.000000 -0.050 0.960

L15.Conduct 0.005946 0.001491 3.989 0.000

L15.Water 0.760910 NAN NAN NAN

L15.Temp -0.002308 0.001781 -1.296 0.195

L15.Prep. horaria -0.000001 0.000001 -1.053 0.292

L15.Temp. prom aire 0.000000 0.000000 0.371 0.710

L16.Conduct -0.005808 0.001489 -3.902 0.000

L16.Water -0.479888 NAN NAN NAN

L16.Temp 0.001212 0.001781 0.680 0.496

L16.Prep. horaria -0.000000 0.000001 -0.540 0.589

L16.Temp. prom aire -0.000000 0.000000 -0.750 0.453

L17.Conduct 0.004372 0.001493 2.929 0.003

L17.Water 0.455737 0.060212 7.569 0.000

L17.Temp -0.000585 0.001784 -0.328 0.743

L17.Prep. horaria 0.000001 0.000001 1.100 0.271

L17.Temp. prom aire 0.000000 0.000000 0.641 0.521

L18.Conduct -0.004371 0.001485 -2.944 0.003

L18.Water -0.729291 0.070451 -10.352 0.000

L18.Temp 0.000183 0.001784 0.103 0.918

L18.Prep. horaria 0.000001 0.000001 1.453 0.146

L18.Temp. prom aire -0.000000 0.000000 -0.450 0.653

L19.Conduct 0.004813 0.001476 3.261 0.001

L19.Water 1.342133 0.063778 21.044 0.000

L19.Temp 0.000439 0.001785 0.246 0.806

L19.Prep. horaria 0.000000 0.000001 0.206 0.837

L19.Temp. prom aire 0.000000 0.000000 0.720 0.472

L20.Conduct -0.002903 0.001475 -1.968 0.049

L20.Water -2.167198 0.046544 -46.562 0.000

L20.Temp 0.001770 0.001783 0.993 0.321

L20.Prep. horaria 0.000000 0.000001 0.685 0.494

L20.Temp. prom aire -0.000000 0.000000 -0.867 0.386

L21.Conduct 0.002238 0.001469 1.524 0.128

L21.Water 2.508946 0.033167 75.645 0.000

L21.Temp -0.005935 0.001776 -3.341 0.001

L21.Prep. horaria 0.000002 0.000001 3.214 0.001

L21.Temp. prom aire 0.000000 0.000000 0.861 0.389

L22.Conduct -0.002416 0.001442 -1.675 0.094

L22.Water -1.816709 0.036004 -50.459 0.000

L22.Temp 0.004819 0.001767 2.728 0.006

L22.Prep. horaria -0.000000 0.000001 -0.556 0.578

L22.Temp. prom aire -0.000000 0.000000 -1.073 0.283

L23.Conduct 0.000680 0.001006 0.676 0.499

L23.Water 0.723187 0.020796 34.775 0.000

L23.Temp -0.000613 0.001298 -0.472 0.637

L23.Prep. horaria 0.000001 0.000001 1.834 0.067

L23.Temp. prom aire 0.000000 0.000000 1.120 0.263

L24.Conduct 0.000206 0.000292 0.704 0.481

L24.Water -0.119974 0.004618 -25.979 0.000

L24.Temp -0.000430 0.000392 -1.096 0.273

L24.Prep. horaria -0.000002 0.000001 -4.122 0.000

L24.Temp. prom aire -0.000000 0.000000 -1.154 0.249

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000032 0.000039 0.826 0.409

L1.Conduct -0.031143 0.007653 -4.069 0.000

L1.Water 1.984760 0.121354 16.355 0.000

L1.Temp 3.156228 0.009269 340.529 0.000

L1.Prep. horaria 0.000003 0.000014 0.216 0.829

L1.Temp. prom aire -0.000001 0.000004 -0.300 0.764

L2.Conduct 0.087149 0.025197 3.459 0.001

L2.Water -10.132043 0.533361 -18.997 0.000

L2.Temp -3.055407 0.030711 -99.490 0.000

L2.Prep. horaria -0.000004 0.000016 -0.255 0.799

L2.Temp. prom aire -0.000007 0.000007 -1.002 0.317

L3.Conduct -0.062841 0.034847 -1.803 0.071

L3.Water 22.244238 0.904774 24.585 0.000

L3.Temp 0.493502 0.041926 11.771 0.000

L3.Prep. horaria 0.000002 0.000016 0.149 0.882

L3.Temp. prom aire 0.000005 0.000007 0.724 0.469

L4.Conduct -0.012150 0.035026 -0.347 0.729

L4.Water -28.059296 0.798074 -35.159 0.000

L4.Temp 0.342351 0.042298 8.094 0.000

L4.Prep. horaria 0.000007 0.000016 0.408 0.683

L4.Temp. prom aire 0.000006 0.000007 0.831 0.406

L5.Conduct 0.011302 0.034957 0.323 0.746

L5.Water 23.676786 1.055955 22.422 0.000

L5.Temp 0.106073 0.042410 2.501 0.012

L5.Prep. horaria 0.000006 0.000016 0.356 0.722

L5.Temp. prom aire -0.000003 0.000007 -0.401 0.689

L6.Conduct 0.008752 0.034946 0.250 0.802

L6.Water -15.646472 1.392314 -11.238 0.000

L6.Temp 0.070996 0.042421 1.674 0.094

L6.Prep. horaria 0.000010 0.000016 0.606 0.544

L6.Temp. prom aire 0.000009 0.000007 1.236 0.217

L7.Conduct 0.008530 0.034862 0.245 0.807

L7.Water 9.590110 1.440026 6.660 0.000

L7.Temp -0.044265 0.042286 -1.047 0.295

L7.Prep. horaria 0.000002 0.000016 0.128 0.898

L7.Temp. prom aire -0.000012 0.000007 -1.668 0.095

L8.Conduct -0.010336 0.034792 -0.297 0.766

L8.Water -6.014103 1.166741 -5.155 0.000

L8.Temp -0.025908 0.042320 -0.612 0.540

L8.Prep. horaria -0.000002 0.000016 -0.130 0.897

L8.Temp. prom aire 0.000007 0.000007 0.989 0.323

L9.Conduct -0.001136 0.034816 -0.033 0.974

L9.Water 3.786315 NAN NAN NAN

L9.Temp -0.052109 0.042196 -1.235 0.217

L9.Prep. horaria -0.000003 0.000016 -0.210 0.834

L9.Temp. prom aire -0.000008 0.000007 -1.052 0.293

L10.Conduct 0.001730 0.034812 0.050 0.960

L10.Water -2.094909 NAN NAN NAN

L10.Temp -0.014308 0.042146 -0.339 0.734

L10.Prep. horaria -0.000005 0.000016 -0.288 0.773

L10.Temp. prom aire 0.000000 0.000007 0.045 0.964

L11.Conduct 0.005225 0.034896 0.150 0.881

L11.Water 1.234698 NAN NAN NAN

L11.Temp -0.001545 0.042190 -0.037 0.971

L11.Prep. horaria -0.000001 0.000016 -0.085 0.932

L11.Temp. prom aire 0.000005 0.000007 0.683 0.495

L12.Conduct -0.007813 0.035080 -0.223 0.824

L12.Water -2.014869 NAN NAN NAN

L12.Temp 0.006290 0.042189 0.149 0.881

L12.Prep. horaria 0.000000 0.000016 0.021 0.983

L12.Temp. prom aire -0.000006 0.000007 -0.840 0.401

L13.Conduct 0.001494 0.035105 0.043 0.966

L13.Water 3.975573 NAN NAN NAN

L13.Temp 0.015679 0.042201 0.372 0.710

L13.Prep. horaria 0.000003 0.000016 0.168 0.867

L13.Temp. prom aire 0.000010 0.000007 1.355 0.176

L14.Conduct -0.004112 0.035166 -0.117 0.907

L14.Water -5.278244 NAN NAN NAN

L14.Temp 0.019863 0.042240 0.470 0.638

L14.Prep. horaria 0.000006 0.000016 0.359 0.720

L14.Temp. prom aire -0.000005 0.000007 -0.668 0.504

L15.Conduct 0.010647 0.035382 0.301 0.763

L15.Water 4.846749 NAN NAN NAN

L15.Temp -0.002129 0.042273 -0.050 0.960

L15.Prep. horaria -0.000000 0.000016 -0.004 0.997

L15.Temp. prom aire 0.000000 0.000007 0.010 0.992

L16.Conduct -0.009800 0.035334 -0.277 0.782

L16.Water -3.342908 NAN NAN NAN

L16.Temp -0.001091 0.042270 -0.026 0.979

L16.Prep. horaria 0.000002 0.000016 0.152 0.879

L16.Temp. prom aire -0.000000 0.000007 -0.065 0.949

L17.Conduct 0.006750 0.035428 0.191 0.849

L17.Water 1.761795 1.429203 1.233 0.218

L17.Temp -0.024043 0.042335 -0.568 0.570

L17.Prep. horaria 0.000001 0.000016 0.087 0.931

L17.Temp. prom aire -0.000000 0.000007 -0.010 0.992

L18.Conduct 0.005197 0.035247 0.147 0.883

L18.Water -0.382146 1.672242 -0.229 0.819

L18.Temp -0.016533 0.042339 -0.390 0.696

L18.Prep. horaria -0.000003 0.000016 -0.173 0.862

L18.Temp. prom aire -0.000002 0.000007 -0.310 0.756

L19.Conduct -0.007760 0.035036 -0.221 0.825

L19.Water -1.302655 1.513857 -0.860 0.390

L19.Temp -0.016011 0.042365 -0.378 0.705

L19.Prep. horaria -0.000002 0.000016 -0.103 0.918

L19.Temp. prom aire 0.000000 0.000007 0.055 0.956

L20.Conduct -0.006733 0.035020 -0.192 0.848

L20.Water 3.284263 1.104792 2.973 0.003

L20.Temp 0.015925 0.042323 0.376 0.707

L20.Prep. horaria -0.000002 0.000016 -0.127 0.899

L20.Temp. prom aire 0.000002 0.000007 0.254 0.799

L21.Conduct 0.008352 0.034859 0.240 0.811

L21.Water -3.893719 0.787273 -4.946 0.000

L21.Temp 0.064864 0.042161 1.539 0.124

L21.Prep. horaria -0.000004 0.000016 -0.224 0.823

L21.Temp. prom aire 0.000001 0.000007 0.174 0.862

L22.Conduct -0.003219 0.034237 -0.094 0.925

L22.Water 2.433544 0.854592 2.848 0.004

L22.Temp 0.100819 0.041933 2.404 0.016

L22.Prep. horaria -0.000007 0.000016 -0.416 0.678

L22.Temp. prom aire -0.000001 0.000007 -0.156 0.876

L23.Conduct 0.004219 0.023881 0.177 0.860

L23.Water -0.729996 0.493628 -1.479 0.139

L23.Temp -0.242074 0.030818 -7.855 0.000

L23.Prep. horaria -0.000001 0.000016 -0.068 0.946

L23.Temp. prom aire 0.000011 0.000007 1.686 0.092

L24.Conduct -0.002306 0.006934 -0.333 0.739

L24.Water 0.072529 0.109616 0.662 0.508

L24.Temp 0.102834 0.009315 11.040 0.000

L24.Prep. horaria 0.000000 0.000014 0.003 0.998

L24.Temp. prom aire -0.000010 0.000004 -2.727 0.006

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.035262 0.025883 -1.362 0.173

L1.Conduct -1.409783 5.101732 -0.276 0.782

L1.Water -245.953955 80.896167 -3.040 0.002

L1.Temp 1.665578 6.178550 0.270 0.787

L1.Prep. horaria 0.570765 0.009288 61.450 0.000

L1.Temp. prom aire -0.001393 0.002547 -0.547 0.584

L2.Conduct 3.837493 16.796306 0.228 0.819

L2.Water 1136.530674 355.544517 3.197 0.001

L2.Temp -5.851285 20.471985 -0.286 0.775

L2.Prep. horaria 0.143210 0.010673 13.418 0.000

L2.Temp. prom aire 0.007501 0.004536 1.654 0.098

L3.Conduct -1.123084 23.229151 -0.048 0.961

L3.Water -1895.822675 603.132041 -3.143 0.002

L3.Temp 7.993779 27.948011 0.286 0.775

L3.Prep. horaria 0.005627 0.010766 0.523 0.601

L3.Temp. prom aire -0.005584 0.004811 -1.161 0.246

L4.Conduct -15.218309 23.348964 -0.652 0.515

L4.Water 748.299765 532.005227 1.407 0.160

L4.Temp -4.492281 28.196216 -0.159 0.873

L4.Prep. horaria -0.023403 0.010768 -2.173 0.030

L4.Temp. prom aire 0.002838 0.004815 0.590 0.556

L5.Conduct 26.936322 23.302647 1.156 0.248

L5.Water 2370.141504 703.910932 3.367 0.001

L5.Temp -2.399470 28.270952 -0.085 0.932

L5.Prep. horaria -0.005587 0.010765 -0.519 0.604

L5.Temp. prom aire -0.004395 0.004815 -0.913 0.361

L6.Conduct -13.680349 23.295350 -0.587 0.557

L6.Water -5522.811769 928.131767 -5.950 0.000

L6.Temp 5.475342 28.278299 0.194 0.846

L6.Prep. horaria 0.008812 0.010764 0.819 0.413

L6.Temp. prom aire 0.004553 0.004815 0.946 0.344

L7.Conduct 4.940986 23.239426 0.213 0.832

L7.Water 7420.628609 959.937029 7.730 0.000

L7.Temp -6.168547 28.188096 -0.219 0.827

L7.Prep. horaria 0.036896 0.010765 3.427 0.001

L7.Temp. prom aire -0.003126 0.004815 -0.649 0.516

L8.Conduct -12.147792 23.192873 -0.524 0.600

L8.Water -8204.689858 777.762240 -10.549 0.000

L8.Temp 12.442972 28.210782 0.441 0.659

L8.Prep. horaria -0.043189 0.010773 -4.009 0.000

L8.Temp. prom aire 0.003133 0.004816 0.651 0.515

L9.Conduct 9.200428 23.208497 0.396 0.692

L9.Water 8206.610208 NAN NAN NAN

L9.Temp -13.837953 28.128379 -0.492 0.623

L9.Prep. horaria 0.031103 0.010777 2.886 0.004

L9.Temp. prom aire -0.003654 0.004817 -0.758 0.448

L10.Conduct -8.086479 23.205902 -0.348 0.727

L10.Water -7738.834428 NAN NAN NAN

L10.Temp 9.131563 28.094814 0.325 0.745

L10.Prep. horaria 0.047867 0.010779 4.441 0.000

L10.Temp. prom aire 0.004315 0.004816 0.896 0.370

L11.Conduct 34.158783 23.261875 1.468 0.142

L11.Water 7857.981057 NAN NAN NAN

L11.Temp -9.354419 28.124390 -0.333 0.739

L11.Prep. horaria -0.012934 0.010785 -1.199 0.230

L11.Temp. prom aire -0.000927 0.004816 -0.192 0.847

L12.Conduct -60.597190 23.384777 -2.591 0.010

L12.Water -9808.290987 NAN NAN NAN

L12.Temp 10.016731 28.123850 0.356 0.722

L12.Prep. horaria 0.031164 0.010785 2.889 0.004

L12.Temp. prom aire -0.003543 0.004816 -0.736 0.462

L13.Conduct 40.359351 23.401241 1.725 0.085

L13.Water 12640.699723 NAN NAN NAN

L13.Temp -16.942568 28.131962 -0.602 0.547

L13.Prep. horaria -0.004267 0.010785 -0.396 0.692

L13.Temp. prom aire 0.003658 0.004816 0.760 0.448

L14.Conduct 9.350663 23.441916 0.399 0.690

L14.Water -12348.602493 NAN NAN NAN

L14.Temp 30.045225 28.157424 1.067 0.286

L14.Prep. horaria -0.018963 0.010786 -1.758 0.079

L14.Temp. prom aire 0.001972 0.004817 0.409 0.682

L15.Conduct -31.690701 23.586191 -1.344 0.179

L15.Water 5304.641900 NAN NAN NAN

L15.Temp -31.970048 28.179959 -1.134 0.257

L15.Prep. horaria 0.017588 0.010779 1.632 0.103

L15.Temp. prom aire -0.004271 0.004817 -0.887 0.375

L16.Conduct 22.753956 23.554230 0.966 0.334

L16.Water 7205.736687 NAN NAN NAN

L16.Temp 14.261164 28.177489 0.506 0.613

L16.Prep. horaria -0.025485 0.010775 -2.365 0.018

L16.Temp. prom aire 0.002132 0.004818 0.443 0.658

L17.Conduct -8.811868 23.616614 -0.373 0.709

L17.Water -18453.199659 952.722355 -19.369 0.000

L17.Temp 18.210586 28.221146 0.645 0.519

L17.Prep. horaria 0.010241 0.010767 0.951 0.342

L17.Temp. prom aire -0.000334 0.004818 -0.069 0.945

L18.Conduct -5.425839 23.496202 -0.231 0.817

L18.Water 21519.222217 1114.735017 19.304 0.000

L18.Temp -37.176398 28.223353 -1.317 0.188

L18.Prep. horaria 0.006196 0.010759 0.576 0.565

L18.Temp. prom aire 0.000266 0.004817 0.055 0.956

L19.Conduct 14.021901 23.355210 0.600 0.548

L19.Water -15743.275465 1009.153695 -15.600 0.000

L19.Temp 32.404583 28.241005 1.147 0.251

L19.Prep. horaria -0.011360 0.010763 -1.055 0.291

L19.Temp. prom aire -0.003163 0.004817 -0.657 0.511

L20.Conduct -8.063386 23.344624 -0.345 0.730

L20.Water 6373.818738 736.466795 8.655 0.000

L20.Temp -19.751029 28.213159 -0.700 0.484

L20.Prep. horaria -0.011751 0.010765 -1.092 0.275

L20.Temp. prom aire 0.007924 0.004817 1.645 0.100

L21.Conduct -1.955340 23.237711 -0.084 0.933

L21.Water 720.473846 524.804682 1.373 0.170

L21.Temp 1.397346 28.104727 0.050 0.960

L21.Prep. horaria -0.010355 0.010761 -0.962 0.336

L21.Temp. prom aire -0.005173 0.004817 -1.074 0.283

L22.Conduct 4.641530 22.823039 0.203 0.839

L22.Water -2813.467368 569.680491 -4.939 0.000

L22.Temp 9.303174 27.953269 0.333 0.739

L22.Prep. horaria 0.003239 0.010763 0.301 0.763

L22.Temp. prom aire 0.001528 0.004814 0.317 0.751

L23.Conduct -2.789766 15.919302 -0.175 0.861

L23.Water 1588.467889 329.057840 4.827 0.000

L23.Temp -4.425302 20.543383 -0.215 0.829

L23.Prep. horaria 0.036945 0.010680 3.459 0.001

L23.Temp. prom aire -0.002562 0.004540 -0.564 0.572

L24.Conduct 0.797495 4.622074 0.173 0.863

L24.Water -318.300864 73.071223 -4.356 0.000

L24.Temp 0.020475 6.209176 0.003 0.997

L24.Prep. horaria -0.017258 0.009287 -1.858 0.063

L24.Temp. prom aire 0.000613 0.002549 0.240 0.810

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.208511 0.093745 2.224 0.026

L1.Conduct -16.707236 18.477790 -0.904 0.366

L1.Water 420.761041 292.995090 1.436 0.151

L1.Temp -16.534671 22.377883 -0.739 0.460

L1.Prep. horaria 0.040518 0.033641 1.204 0.228

L1.Temp. prom aire 1.470033 0.009225 159.359 0.000

L2.Conduct 46.054760 60.833973 0.757 0.449

L2.Water -1437.540652 1287.734650 -1.116 0.264

L2.Temp -13.315128 74.146789 -0.180 0.857

L2.Prep. horaria 0.014060 0.038657 0.364 0.716

L2.Temp. prom aire -0.623746 0.016428 -37.969 0.000

L3.Conduct -37.183683 84.132876 -0.442 0.659

L3.Water 867.667987 2184.463524 0.397 0.691

L3.Temp 190.528504 101.223955 1.882 0.060

L3.Prep. horaria -0.012642 0.038993 -0.324 0.746

L3.Temp. prom aire 0.076488 0.017424 4.390 0.000

L4.Conduct 4.232106 84.566823 0.050 0.960

L4.Water 2926.149408 1926.851725 1.519 0.129

L4.Temp -267.629605 102.122920 -2.621 0.009

L4.Prep. horaria -0.000002 0.039000 -0.000 1.000

L4.Temp. prom aire -0.030352 0.017438 -1.741 0.082

L5.Conduct 2.869971 84.399068 0.034 0.973

L5.Water -6248.019945 2549.471178 -2.451 0.014

L5.Temp 56.366490 102.393605 0.550 0.582

L5.Prep. horaria -0.004657 0.038990 -0.119 0.905

L5.Temp. prom aire -0.011850 0.017438 -0.680 0.497

L6.Conduct 0.309578 84.372639 0.004 0.997

L6.Water 5213.699132 3361.569030 1.551 0.121

L6.Temp 75.232618 102.420214 0.735 0.463

L6.Prep. horaria 0.018244 0.038985 0.468 0.640

L6.Temp. prom aire 0.017010 0.017438 0.975 0.329

L7.Conduct -9.518321 84.170090 -0.113 0.910

L7.Water -2429.173422 3476.763435 -0.699 0.485

L7.Temp -74.869663 102.093511 -0.733 0.463

L7.Prep. horaria 0.022460 0.038991 0.576 0.565

L7.Temp. prom aire -0.032618 0.017441 -1.870 0.061

L8.Conduct 42.682896 84.001482 0.508 0.611

L8.Water 3299.331738 2816.950732 1.171 0.242

L8.Temp 151.158328 102.175677 1.479 0.139

L8.Prep. horaria 0.025286 0.039018 0.648 0.517

L8.Temp. prom aire 0.011566 0.017443 0.663 0.507

L9.Conduct -67.814650 84.058071 -0.807 0.420

L9.Water -10010.269814 NAN NAN NAN

L9.Temp -37.218229 101.877223 -0.365 0.715

L9.Prep. horaria -0.032000 0.039032 -0.820 0.412

L9.Temp. prom aire 0.011842 0.017446 0.679 0.497

L10.Conduct 54.078295 84.048672 0.643 0.520

L10.Water 19193.139123 NAN NAN NAN

L10.Temp -88.091269 101.755657 -0.866 0.387

L10.Prep. horaria -0.042074 0.039039 -1.078 0.281

L10.Temp. prom aire 0.000211 0.017443 0.012 0.990

L11.Conduct -30.054506 84.251396 -0.357 0.721

L11.Water -23337.417533 NAN NAN NAN

L11.Temp -64.193334 101.862775 -0.630 0.529

L11.Prep. horaria 0.006105 0.039062 0.156 0.876

L11.Temp. prom aire -0.021396 0.017442 -1.227 0.220

L12.Conduct 3.003067 84.696532 0.035 0.972

L12.Water 18653.501578 NAN NAN NAN

L12.Temp 70.219872 101.860819 0.689 0.491

L12.Prep. horaria 0.006213 0.039063 0.159 0.874

L12.Temp. prom aire 0.020620 0.017443 1.182 0.237

L13.Conduct 12.913806 84.756164 0.152 0.879

L13.Water -10301.522577 NAN NAN NAN

L13.Temp 72.391998 101.890199 0.710 0.477

L13.Prep. horaria -0.002326 0.039062 -0.060 0.953

L13.Temp. prom aire -0.023371 0.017444 -1.340 0.180

L14.Conduct -8.813705 84.903483 -0.104 0.917

L14.Water 4727.396063 NAN NAN NAN

L14.Temp -93.624488 101.982419 -0.918 0.359

L14.Prep. horaria -0.014543 0.039066 -0.372 0.710

L14.Temp. prom aire 0.027936 0.017446 1.601 0.109

L15.Conduct 43.859741 85.426027 0.513 0.608

L15.Water -1954.025512 NAN NAN NAN

L15.Temp 18.790009 102.064041 0.184 0.854

L15.Prep. horaria 0.018406 0.039039 0.471 0.637

L15.Temp. prom aire -0.024424 0.017447 -1.400 0.162

L16.Conduct -63.278852 85.310268 -0.742 0.458

L16.Water -3.445197 NAN NAN NAN

L16.Temp 2.906069 102.055092 0.028 0.977

L16.Prep. horaria -0.015754 0.039025 -0.404 0.686

L16.Temp. prom aire -0.008679 0.017450 -0.497 0.619

L17.Conduct 54.078972 85.536214 0.632 0.527

L17.Water 707.858301 3450.632850 0.205 0.837

L17.Temp 87.383720 102.213212 0.855 0.393

L17.Prep. horaria 0.003330 0.038996 0.085 0.932

L17.Temp. prom aire 0.020884 0.017450 1.197 0.231

L18.Conduct -116.074253 85.100098 -1.364 0.173

L18.Water -551.833604 4037.421026 -0.137 0.891

L18.Temp -47.202911 102.221207 -0.462 0.644

L18.Prep. horaria 0.003635 0.038967 0.093 0.926

L18.Temp. prom aire -0.013695 0.017447 -0.785 0.432

L19.Conduct 138.254584 84.589446 1.634 0.102

L19.Water 1230.117713 3655.019609 0.337 0.736

L19.Temp 14.337035 102.285140 0.140 0.889

L19.Prep. horaria -0.032893 0.038983 -0.844 0.399

L19.Temp. prom aire 0.019924 0.017447 1.142 0.253

L20.Conduct -55.696489 84.551103 -0.659 0.510

L20.Water -2340.583679 2667.384158 -0.877 0.380

L20.Temp -100.281726 102.184284 -0.981 0.326

L20.Prep. horaria -0.017990 0.038990 -0.461 0.645

L20.Temp. prom aire -0.010790 0.017447 -0.618 0.536

L21.Conduct -0.570718 84.163877 -0.007 0.995

L21.Water 2461.184483 1900.772313 1.295 0.195

L21.Temp 97.796172 101.791558 0.961 0.337

L21.Prep. horaria 0.019194 0.038976 0.492 0.622

L21.Temp. prom aire 0.024197 0.017447 1.387 0.165

L22.Conduct 14.306694 82.661993 0.173 0.863

L22.Water -1635.015450 2063.306486 -0.792 0.428

L22.Temp -135.692885 101.242997 -1.340 0.180

L22.Prep. horaria 0.014982 0.038982 0.384 0.701

L22.Temp. prom aire 0.026662 0.017435 1.529 0.126

L23.Conduct -18.924635 57.657580 -0.328 0.743

L23.Water 682.254001 1191.803454 0.572 0.567

L23.Temp 166.388323 74.405384 2.236 0.025

L23.Prep. horaria 0.029155 0.038681 0.754 0.451

L23.Temp. prom aire 0.167226 0.016442 10.171 0.000

L24.Conduct 7.993254 16.740534 0.477 0.633

L24.Water -134.215327 264.654191 -0.507 0.612

L24.Temp -64.828385 22.488803 -2.883 0.004

L24.Prep. horaria -0.035644 0.033636 -1.060 0.289

L24.Temp. prom aire -0.133541 0.009233 -14.464 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 -0.055510 0.074663 0.013215 -0.006412

Water -0.055510 1.000000 -0.092717 0.015246 0.006596

Temp 0.074663 -0.092717 1.000000 0.004468 -0.021805

Prep. horaria 0.013215 0.015246 0.004468 1.000000 -0.023719

Temp. prom aire -0.006412 0.006596 -0.021805 -0.023719 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -51.8783

Nobs: 11665.0 HQIC: -52.1319

Log likelihood: 222653. FPE: 2.01216e-23

AIC: -52.2603 Det(Omega\_mle): 1.91097e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000563 0.000137 4.101 0.000

L1.Conduct 2.954560 0.009465 312.159 0.000

L1.Water 9.773293 0.145896 66.988 0.000

L1.Temp -0.068364 0.044884 -1.523 0.128

L1.Prep. horaria -0.000072 0.000047 -1.537 0.124

L1.Temp. prom aire -0.000001 0.000013 -0.115 0.908

L2.Conduct -2.681746 0.029562 -90.717 0.000

L2.Water -38.550588 0.431304 -89.382 0.000

L2.Temp 0.347305 0.151012 2.300 0.021

L2.Prep. horaria 0.000309 0.000054 5.714 0.000

L2.Temp. prom aire 0.000003 0.000023 0.125 0.901

L3.Conduct 0.454024 0.039045 11.628 0.000

L3.Water 59.861678 NAN NAN NAN

L3.Temp -0.504645 0.209651 -2.407 0.016

L3.Prep. horaria -0.000261 0.000055 -4.785 0.000

L3.Temp. prom aire 0.000001 0.000024 0.021 0.983

L4.Conduct 0.235086 0.039308 5.981 0.000

L4.Water -48.020151 NAN NAN NAN

L4.Temp 0.147746 0.211893 0.697 0.486

L4.Prep. horaria -0.000043 0.000055 -0.797 0.426

L4.Temp. prom aire -0.000005 0.000024 -0.209 0.834

L5.Conduct 0.057878 0.039374 1.470 0.142

L5.Water 24.838500 NAN NAN NAN

L5.Temp 0.049163 0.211730 0.232 0.816

L5.Prep. horaria 0.000010 0.000055 0.186 0.853

L5.Temp. prom aire 0.000021 0.000024 0.879 0.380

L6.Conduct 0.004031 0.039376 0.102 0.918

L6.Water -12.058226 NAN NAN NAN

L6.Temp 0.136004 0.211065 0.644 0.519

L6.Prep. horaria 0.000003 0.000055 0.047 0.963

L6.Temp. prom aire -0.000019 0.000024 -0.786 0.432

L7.Conduct -0.004322 0.039372 -0.110 0.913

L7.Water 5.823315 0.595796 9.774 0.000

L7.Temp -0.057452 0.210696 -0.273 0.785

L7.Prep. horaria 0.000032 0.000055 0.584 0.559

L7.Temp. prom aire -0.000011 0.000024 -0.437 0.662

L8.Conduct -0.007496 0.039361 -0.190 0.849

L8.Water -2.504377 2.334745 -1.073 0.283

L8.Temp -0.035643 0.211543 -0.168 0.866

L8.Prep. horaria 0.000043 0.000055 0.781 0.435

L8.Temp. prom aire 0.000036 0.000024 1.463 0.144

L9.Conduct -0.001274 0.039364 -0.032 0.974

L9.Water 1.235420 2.619930 0.472 0.637

L9.Temp -0.029757 0.212841 -0.140 0.889

L9.Prep. horaria 0.000026 0.000055 0.481 0.631

L9.Temp. prom aire -0.000001 0.000024 -0.041 0.967

L10.Conduct -0.007814 0.039352 -0.199 0.843

L10.Water -0.612216 2.528596 -0.242 0.809

L10.Temp -0.011635 0.213282 -0.055 0.956

L10.Prep. horaria 0.000043 0.000055 0.782 0.434

L10.Temp. prom aire -0.000052 0.000024 -2.109 0.035

L11.Conduct -0.009272 0.039311 -0.236 0.814

L11.Water -0.222525 2.527062 -0.088 0.930

L11.Temp -0.010190 0.213002 -0.048 0.962

L11.Prep. horaria -0.000020 0.000055 -0.364 0.716

L11.Temp. prom aire 0.000044 0.000024 1.813 0.070

L12.Conduct 0.016582 0.039300 0.422 0.673

L12.Water 2.772962 2.627824 1.055 0.291

L12.Temp 0.040212 0.212810 0.189 0.850

L12.Prep. horaria -0.000018 0.000055 -0.334 0.738

L12.Temp. prom aire -0.000023 0.000024 -0.943 0.346

L13.Conduct -0.002893 0.039295 -0.074 0.941

L13.Water -6.354097 2.624232 -2.421 0.015

L13.Temp 0.050674 0.213065 0.238 0.812

L13.Prep. horaria 0.000073 0.000055 1.327 0.185

L13.Temp. prom aire 0.000009 0.000024 0.372 0.710

L14.Conduct -0.011768 0.039299 -0.299 0.765

L14.Water 6.972195 2.516206 2.771 0.006

L14.Temp -0.060319 0.213294 -0.283 0.777

L14.Prep. horaria -0.000025 0.000055 -0.454 0.650

L14.Temp. prom aire 0.000020 0.000024 0.812 0.417

L15.Conduct 0.001735 0.039317 0.044 0.965

L15.Water -3.958556 2.500672 -1.583 0.113

L15.Temp -0.012485 0.213043 -0.059 0.953

L15.Prep. horaria 0.000016 0.000055 0.293 0.769

L15.Temp. prom aire -0.000031 0.000024 -1.249 0.212

L16.Conduct -0.004672 0.039334 -0.119 0.905

L16.Water 1.607857 2.575711 0.624 0.532

L16.Temp 0.010324 0.212556 0.049 0.961

L16.Prep. horaria 0.000019 0.000055 0.340 0.734

L16.Temp. prom aire 0.000017 0.000024 0.703 0.482

L17.Conduct 0.003818 0.039342 0.097 0.923

L17.Water -1.031472 2.336982 -0.441 0.659

L17.Temp -0.009007 0.212518 -0.042 0.966

L17.Prep. horaria -0.000025 0.000055 -0.467 0.641

L17.Temp. prom aire 0.000005 0.000024 0.202 0.840

L18.Conduct -0.007400 0.039342 -0.188 0.851

L18.Water 0.921747 0.970074 0.950 0.342

L18.Temp 0.028712 0.212872 0.135 0.893

L18.Prep. horaria 0.000138 0.000055 2.525 0.012

L18.Temp. prom aire -0.000008 0.000024 -0.310 0.756

L19.Conduct -0.007244 0.039344 -0.184 0.854

L19.Water -1.183948 NAN NAN NAN

L19.Temp 0.012712 0.213087 0.060 0.952

L19.Prep. horaria -0.000057 0.000055 -1.038 0.299

L19.Temp. prom aire 0.000002 0.000024 0.101 0.920

L20.Conduct 0.005827 0.039312 0.148 0.882

L20.Water 1.867407 NAN NAN NAN

L20.Temp 0.008088 0.212576 0.038 0.970

L20.Prep. horaria -0.000063 0.000055 -1.152 0.249

L20.Temp. prom aire 0.000000 0.000024 0.003 0.997

L21.Conduct 0.023254 0.039155 0.594 0.553

L21.Water -3.724584 NAN NAN NAN

L21.Temp -0.036420 0.211085 -0.173 0.863

L21.Prep. horaria 0.000046 0.000055 0.849 0.396

L21.Temp. prom aire 0.000001 0.000024 0.060 0.953

L22.Conduct 0.084050 0.038846 2.164 0.030

L22.Water 4.968812 NAN NAN NAN

L22.Temp -0.076321 0.209324 -0.365 0.715

L22.Prep. horaria -0.000030 0.000055 -0.553 0.580

L22.Temp. prom aire -0.000008 0.000024 -0.342 0.732

L23.Conduct -0.159203 0.028766 -5.534 0.000

L23.Water -3.199659 0.338363 -9.456 0.000

L23.Temp 0.128811 0.151582 0.850 0.395

L23.Prep. horaria 0.000048 0.000054 0.892 0.372

L23.Temp. prom aire 0.000015 0.000023 0.639 0.523

L24.Conduct 0.064257 0.008923 7.201 0.000

L24.Water 0.777208 0.129525 6.000 0.000

L24.Temp -0.047533 0.045169 -1.052 0.293

L24.Prep. horaria 0.000020 0.000047 0.430 0.667

L24.Temp. prom aire -0.000009 0.000013 -0.691 0.489

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000010 0.000006 1.782 0.075

L1.Conduct 0.001948 0.000393 4.954 0.000

L1.Water 4.754370 0.006061 784.397 0.000

L1.Temp -0.015033 0.001865 -8.062 0.000

L1.Prep. horaria 0.000003 0.000002 1.766 0.077

L1.Temp. prom aire -0.000000 0.000001 -0.522 0.602

L2.Conduct -0.004982 0.001228 -4.057 0.000

L2.Water -9.495245 0.017918 -529.917 0.000

L2.Temp 0.047209 0.006274 7.525 0.000

L2.Prep. horaria 0.000000 0.000002 0.085 0.932

L2.Temp. prom aire 0.000000 0.000001 0.470 0.638

L3.Conduct 0.003212 0.001622 1.980 0.048

L3.Water 10.531770 NAN NAN NAN

L3.Temp -0.049632 0.008710 -5.698 0.000

L3.Prep. horaria -0.000003 0.000002 -1.249 0.212

L3.Temp. prom aire -0.000000 0.000001 -0.478 0.633

L4.Conduct 0.000657 0.001633 0.402 0.688

L4.Water -7.484320 NAN NAN NAN

L4.Temp 0.019412 0.008803 2.205 0.027

L4.Prep. horaria -0.000003 0.000002 -1.136 0.256

L4.Temp. prom aire 0.000001 0.000001 0.844 0.399

L5.Conduct -0.000653 0.001636 -0.399 0.690

L5.Water 4.030124 NAN NAN NAN

L5.Temp -0.010090 0.008796 -1.147 0.251

L5.Prep. horaria -0.000000 0.000002 -0.052 0.959

L5.Temp. prom aire -0.000001 0.000001 -0.950 0.342

L6.Conduct -0.000331 0.001636 -0.202 0.840

L6.Water -1.974710 NAN NAN NAN

L6.Temp 0.014004 0.008769 1.597 0.110

L6.Prep. horaria -0.000001 0.000002 -0.291 0.771

L6.Temp. prom aire 0.000000 0.000001 0.207 0.836

L7.Conduct 0.000163 0.001636 0.099 0.921

L7.Water 0.907733 0.024752 36.673 0.000

L7.Temp -0.004555 0.008753 -0.520 0.603

L7.Prep. horaria 0.000000 0.000002 0.078 0.938

L7.Temp. prom aire 0.000000 0.000001 0.251 0.802

L8.Conduct -0.000016 0.001635 -0.010 0.992

L8.Water -0.389187 0.096996 -4.012 0.000

L8.Temp -0.000202 0.008788 -0.023 0.982

L8.Prep. horaria -0.000000 0.000002 -0.122 0.903

L8.Temp. prom aire 0.000000 0.000001 0.183 0.854

L9.Conduct 0.000307 0.001635 0.187 0.851

L9.Water 0.172877 0.108844 1.588 0.112

L9.Temp -0.002115 0.008842 -0.239 0.811

L9.Prep. horaria 0.000000 0.000002 0.031 0.975

L9.Temp. prom aire 0.000001 0.000001 0.580 0.562

L10.Conduct -0.000503 0.001635 -0.308 0.758

L10.Water -0.074607 0.105050 -0.710 0.478

L10.Temp 0.000255 0.008861 0.029 0.977

L10.Prep. horaria -0.000001 0.000002 -0.370 0.711

L10.Temp. prom aire -0.000002 0.000001 -1.882 0.060

L11.Conduct -0.000114 0.001633 -0.070 0.944

L11.Water 0.036425 0.104986 0.347 0.729

L11.Temp 0.000632 0.008849 0.071 0.943

L11.Prep. horaria -0.000002 0.000002 -1.018 0.308

L11.Temp. prom aire 0.000001 0.000001 0.862 0.388

L12.Conduct 0.000748 0.001633 0.458 0.647

L12.Water -0.027782 0.109172 -0.254 0.799

L12.Temp -0.000165 0.008841 -0.019 0.985

L12.Prep. horaria -0.000002 0.000002 -1.027 0.305

L12.Temp. prom aire 0.000001 0.000001 0.810 0.418

L13.Conduct 0.000322 0.001633 0.197 0.844

L13.Water 0.013023 0.109023 0.119 0.905

L13.Temp -0.000625 0.008852 -0.071 0.944

L13.Prep. horaria -0.000001 0.000002 -0.611 0.541

L13.Temp. prom aire -0.000001 0.000001 -1.075 0.282

L14.Conduct -0.001668 0.001633 -1.021 0.307

L14.Water 0.004928 0.104535 0.047 0.962

L14.Temp 0.001856 0.008861 0.209 0.834

L14.Prep. horaria -0.000001 0.000002 -0.407 0.684

L14.Temp. prom aire 0.000001 0.000001 1.237 0.216

L15.Conduct 0.001074 0.001633 0.658 0.511

L15.Water -0.009234 0.103890 -0.089 0.929

L15.Temp -0.001021 0.008851 -0.115 0.908

L15.Prep. horaria 0.000000 0.000002 0.165 0.869

L15.Temp. prom aire -0.000001 0.000001 -1.216 0.224

L16.Conduct -0.000375 0.001634 -0.230 0.818

L16.Water 0.021505 0.107007 0.201 0.841

L16.Temp 0.000643 0.008831 0.073 0.942

L16.Prep. horaria 0.000000 0.000002 0.144 0.885

L16.Temp. prom aire 0.000000 0.000001 0.097 0.923

L17.Conduct 0.000054 0.001634 0.033 0.974

L17.Water -0.047088 0.097089 -0.485 0.628

L17.Temp -0.000941 0.008829 -0.107 0.915

L17.Prep. horaria 0.000000 0.000002 0.186 0.852

L17.Temp. prom aire 0.000001 0.000001 1.195 0.232

L18.Conduct -0.000109 0.001634 -0.067 0.947

L18.Water 0.097172 0.040301 2.411 0.016

L18.Temp 0.000965 0.008844 0.109 0.913

L18.Prep. horaria 0.000000 0.000002 0.138 0.890

L18.Temp. prom aire -0.000001 0.000001 -1.311 0.190

L19.Conduct -0.000276 0.001635 -0.169 0.866

L19.Water -0.196642 NAN NAN NAN

L19.Temp -0.000389 0.008853 -0.044 0.965

L19.Prep. horaria 0.000001 0.000002 0.640 0.522

L19.Temp. prom aire 0.000001 0.000001 0.600 0.549

L20.Conduct 0.000765 0.001633 0.468 0.640

L20.Water 0.376044 NAN NAN NAN

L20.Temp 0.000880 0.008831 0.100 0.921

L20.Prep. horaria 0.000001 0.000002 0.645 0.519

L20.Temp. prom aire -0.000000 0.000001 -0.052 0.959

L21.Conduct 0.000404 0.001627 0.249 0.804

L21.Water -0.726650 NAN NAN NAN

L21.Temp -0.002687 0.008769 -0.306 0.759

L21.Prep. horaria 0.000002 0.000002 0.778 0.437

L21.Temp. prom aire -0.000000 0.000001 -0.031 0.975

L22.Conduct 0.001165 0.001614 0.722 0.470

L22.Water 0.955580 NAN NAN NAN

L22.Temp -0.001297 0.008696 -0.149 0.881

L22.Prep. horaria 0.000003 0.000002 1.411 0.158

L22.Temp. prom aire 0.000000 0.000001 0.120 0.904

L23.Conduct -0.003433 0.001195 -2.873 0.004

L23.Water -0.644168 0.014057 -45.825 0.000

L23.Temp 0.005607 0.006297 0.890 0.373

L23.Prep. horaria 0.000002 0.000002 0.758 0.448

L23.Temp. prom aire -0.000000 0.000001 -0.337 0.736

L24.Conduct 0.001643 0.000371 4.431 0.000

L24.Water 0.168081 0.005381 31.236 0.000

L24.Temp -0.002711 0.001877 -1.445 0.149

L24.Prep. horaria -0.000006 0.000002 -2.965 0.003

L24.Temp. prom aire 0.000000 0.000001 0.548 0.584

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000019 0.000028 0.676 0.499

L1.Conduct -0.008312 0.001958 -4.244 0.000

L1.Water 0.630156 0.030187 20.875 0.000

L1.Temp 3.201355 0.009287 344.723 0.000

L1.Prep. horaria 0.000001 0.000010 0.077 0.938

L1.Temp. prom aire -0.000001 0.000003 -0.560 0.575

L2.Conduct 0.021133 0.006117 3.455 0.001

L2.Water -2.695969 0.089240 -30.210 0.000

L2.Temp -3.197175 0.031245 -102.325 0.000

L2.Prep. horaria -0.000006 0.000011 -0.524 0.600

L2.Temp. prom aire -0.000006 0.000005 -1.233 0.217

L3.Conduct -0.012328 0.008079 -1.526 0.127

L3.Water 4.549284 NAN NAN NAN

L3.Temp 0.617885 0.043378 14.244 0.000

L3.Prep. horaria -0.000000 0.000011 -0.020 0.984

L3.Temp. prom aire 0.000004 0.000005 0.718 0.473

L4.Conduct -0.003719 0.008133 -0.457 0.647

L4.Water -3.911311 NAN NAN NAN

L4.Temp 0.332758 0.043842 7.590 0.000

L4.Prep. horaria 0.000001 0.000011 0.122 0.903

L4.Temp. prom aire 0.000004 0.000005 0.862 0.389

L5.Conduct 0.000380 0.008147 0.047 0.963

L5.Water 2.088729 NAN NAN NAN

L5.Temp 0.120893 0.043808 2.760 0.006

L5.Prep. horaria 0.000004 0.000011 0.380 0.704

L5.Temp. prom aire -0.000003 0.000005 -0.547 0.584

L6.Conduct 0.001709 0.008147 0.210 0.834

L6.Water -1.063655 NAN NAN NAN

L6.Temp 0.027462 0.043671 0.629 0.529

L6.Prep. horaria 0.000004 0.000011 0.385 0.700

L6.Temp. prom aire 0.000006 0.000005 1.283 0.200

L7.Conduct 0.001496 0.008146 0.184 0.854

L7.Water 0.544460 0.123274 4.417 0.000

L7.Temp -0.037310 0.043594 -0.856 0.392

L7.Prep. horaria 0.000002 0.000011 0.213 0.831

L7.Temp. prom aire -0.000008 0.000005 -1.590 0.112

L8.Conduct 0.000449 0.008144 0.055 0.956

L8.Water -0.192066 0.483075 -0.398 0.691

L8.Temp -0.039452 0.043770 -0.901 0.367

L8.Prep. horaria 0.000001 0.000011 0.112 0.910

L8.Temp. prom aire 0.000005 0.000005 1.085 0.278

L9.Conduct 0.000489 0.008145 0.060 0.952

L9.Water 0.067842 0.542081 0.125 0.900

L9.Temp -0.038444 0.044038 -0.873 0.383

L9.Prep. horaria -0.000001 0.000011 -0.081 0.936

L9.Temp. prom aire -0.000005 0.000005 -1.067 0.286

L10.Conduct -0.000523 0.008142 -0.064 0.949

L10.Water 0.000815 0.523184 0.002 0.999

L10.Temp -0.012336 0.044129 -0.280 0.780

L10.Prep. horaria -0.000002 0.000011 -0.178 0.859

L10.Temp. prom aire -0.000000 0.000005 -0.012 0.990

L11.Conduct -0.000726 0.008134 -0.089 0.929

L11.Water -0.034926 0.522866 -0.067 0.947

L11.Temp 0.001829 0.044072 0.041 0.967

L11.Prep. horaria -0.000002 0.000011 -0.173 0.863

L11.Temp. prom aire 0.000004 0.000005 0.739 0.460

L12.Conduct -0.000383 0.008132 -0.047 0.962

L12.Water 0.034199 0.543715 0.063 0.950

L12.Temp 0.009522 0.044032 0.216 0.829

L12.Prep. horaria -0.000001 0.000011 -0.108 0.914

L12.Temp. prom aire -0.000005 0.000005 -0.896 0.370

L13.Conduct -0.000443 0.008130 -0.054 0.957

L13.Water 0.001127 0.542971 0.002 0.998

L13.Temp 0.017174 0.044085 0.390 0.697

L13.Prep. horaria 0.000001 0.000011 0.123 0.902

L13.Temp. prom aire 0.000006 0.000005 1.215 0.224

L14.Conduct -0.000490 0.008131 -0.060 0.952

L14.Water -0.057162 0.520620 -0.110 0.913

L14.Temp 0.009653 0.044132 0.219 0.827

L14.Prep. horaria 0.000003 0.000011 0.227 0.820

L14.Temp. prom aire -0.000003 0.000005 -0.604 0.546

L15.Conduct 0.001920 0.008135 0.236 0.813

L15.Water 0.068680 0.517406 0.133 0.894

L15.Temp 0.004579 0.044080 0.104 0.917

L15.Prep. horaria 0.000001 0.000011 0.111 0.911

L15.Temp. prom aire -0.000000 0.000005 -0.077 0.939

L16.Conduct -0.000006 0.008138 -0.001 0.999

L16.Water -0.052555 0.532932 -0.099 0.921

L16.Temp -0.009244 0.043979 -0.210 0.834

L16.Prep. horaria -0.000001 0.000011 -0.065 0.948

L16.Temp. prom aire 0.000000 0.000005 0.037 0.971

L17.Conduct -0.000207 0.008140 -0.025 0.980

L17.Water 0.004537 0.483538 0.009 0.993

L17.Temp -0.016704 0.043971 -0.380 0.704

L17.Prep. horaria -0.000003 0.000011 -0.229 0.819

L17.Temp. prom aire 0.000001 0.000005 0.129 0.897

L18.Conduct -0.000734 0.008140 -0.090 0.928

L18.Water 0.055228 0.200715 0.275 0.783

L18.Temp -0.018626 0.044045 -0.423 0.672

L18.Prep. horaria -0.000003 0.000011 -0.241 0.810

L18.Temp. prom aire -0.000002 0.000005 -0.447 0.655

L19.Conduct -0.000593 0.008141 -0.073 0.942

L19.Water -0.108748 NAN NAN NAN

L19.Temp -0.013763 0.044089 -0.312 0.755

L19.Prep. horaria -0.000000 0.000011 -0.025 0.980

L19.Temp. prom aire 0.000001 0.000005 0.137 0.891

L20.Conduct 0.000886 0.008134 0.109 0.913

L20.Water 0.284399 NAN NAN NAN

L20.Temp 0.012749 0.043983 0.290 0.772

L20.Prep. horaria -0.000001 0.000011 -0.063 0.949

L20.Temp. prom aire 0.000001 0.000005 0.257 0.797

L21.Conduct 0.001620 0.008101 0.200 0.841

L21.Water -0.473661 NAN NAN NAN

L21.Temp 0.054043 0.043675 1.237 0.216

L21.Prep. horaria -0.000003 0.000011 -0.305 0.761

L21.Temp. prom aire -0.000000 0.000005 -0.028 0.978

L22.Conduct -0.002371 0.008037 -0.295 0.768

L22.Water 0.376108 NAN NAN NAN

L22.Temp 0.121357 0.043311 2.802 0.005

L22.Prep. horaria -0.000004 0.000011 -0.384 0.701

L22.Temp. prom aire -0.000001 0.000005 -0.194 0.846

L23.Conduct 0.000524 0.005952 0.088 0.930

L23.Water -0.125319 0.070010 -1.790 0.073

L23.Temp -0.251257 0.031363 -8.011 0.000

L23.Prep. horaria -0.000005 0.000011 -0.444 0.657

L23.Temp. prom aire 0.000006 0.000005 1.157 0.247

L24.Conduct 0.000227 0.001846 0.123 0.902

L24.Water 0.009807 0.026800 0.366 0.714

L24.Temp 0.103050 0.009346 11.026 0.000

L24.Prep. horaria -0.000000 0.000010 -0.046 0.963

L24.Temp. prom aire -0.000002 0.000003 -0.904 0.366

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.064938 0.027159 -2.391 0.017

L1.Conduct -0.828501 1.873283 -0.442 0.658

L1.Water -44.564576 28.875473 -1.543 0.123

L1.Temp 2.142485 8.883332 0.241 0.809

L1.Prep. horaria 0.572038 0.009303 61.493 0.000

L1.Temp. prom aire -0.001530 0.002559 -0.598 0.550

L2.Conduct 2.139193 5.850834 0.366 0.715

L2.Water 202.021464 85.363042 2.367 0.018

L2.Temp -7.950393 29.888040 -0.266 0.790

L2.Prep. horaria 0.143914 0.010697 13.453 0.000

L2.Temp. prom aire 0.007419 0.004557 1.628 0.103

L3.Conduct -1.451000 7.727661 -0.188 0.851

L3.Water -344.403339 NAN NAN NAN

L3.Temp 6.958448 41.493770 0.168 0.867

L3.Prep. horaria 0.007718 0.010792 0.715 0.474

L3.Temp. prom aire -0.005373 0.004833 -1.112 0.266

L4.Conduct -0.742565 7.779747 -0.095 0.924

L4.Water 284.392682 NAN NAN NAN

L4.Temp 2.556327 41.937653 0.061 0.951

L4.Prep. horaria -0.026518 0.010802 -2.455 0.014

L4.Temp. prom aire 0.002553 0.004837 0.528 0.598

L5.Conduct -0.117906 7.792761 -0.015 0.988

L5.Water -125.407060 NAN NAN NAN

L5.Temp -3.267296 41.905401 -0.078 0.938

L5.Prep. horaria -0.003869 0.010803 -0.358 0.720

L5.Temp. prom aire -0.004141 0.004837 -0.856 0.392

L6.Conduct 2.727869 7.793164 0.350 0.726

L6.Water 23.838467 NAN NAN NAN

L6.Temp -1.285255 41.773618 -0.031 0.975

L6.Prep. horaria 0.009068 0.010802 0.839 0.401

L6.Temp. prom aire 0.004720 0.004834 0.976 0.329

L7.Conduct -0.356353 7.792465 -0.046 0.964

L7.Water 29.785073 117.919210 0.253 0.801

L7.Temp -1.573263 41.700690 -0.038 0.970

L7.Prep. horaria 0.037411 0.010802 3.463 0.001

L7.Temp. prom aire -0.003558 0.004834 -0.736 0.462

L8.Conduct -5.074540 7.790284 -0.651 0.515

L8.Water -58.189187 462.089730 -0.126 0.900

L8.Temp 6.121362 41.868353 0.146 0.884

L8.Prep. horaria -0.043135 0.010807 -3.991 0.000

L8.Temp. prom aire 0.003428 0.004837 0.709 0.478

L9.Conduct 4.918386 7.790777 0.631 0.528

L9.Water 67.853308 518.533081 0.131 0.896

L9.Temp -5.255014 42.125301 -0.125 0.901

L9.Prep. horaria 0.032777 0.010812 3.032 0.002

L9.Temp. prom aire -0.003690 0.004838 -0.763 0.446

L10.Conduct -0.019057 7.788482 -0.002 0.998

L10.Water -34.584209 500.456421 -0.069 0.945

L10.Temp 1.766604 42.212484 0.042 0.967

L10.Prep. horaria 0.045957 0.010815 4.249 0.000

L10.Temp. prom aire 0.004214 0.004837 0.871 0.384

L11.Conduct 2.839936 7.780407 0.365 0.715

L11.Water -60.414444 500.152840 -0.121 0.904

L11.Temp -2.633950 42.157072 -0.062 0.950

L11.Prep. horaria -0.010708 0.010822 -0.989 0.322

L11.Temp. prom aire -0.000944 0.004833 -0.195 0.845

L12.Conduct -12.004205 7.778303 -1.543 0.123

L12.Water 86.598737 520.095617 0.167 0.868

L12.Temp 5.443674 42.119077 0.129 0.897

L12.Prep. horaria 0.030107 0.010821 2.782 0.005

L12.Temp. prom aire -0.003486 0.004833 -0.721 0.471

L13.Conduct 10.380999 7.777245 1.335 0.182

L13.Water 49.524224 519.384532 0.095 0.924

L13.Temp -5.827172 42.169470 -0.138 0.890

L13.Prep. horaria -0.003824 0.010820 -0.353 0.724

L13.Temp. prom aire 0.003458 0.004838 0.715 0.475

L14.Conduct -2.938987 7.777991 -0.378 0.706

L14.Water -196.937776 498.004164 -0.395 0.693

L14.Temp 2.124320 42.214932 0.050 0.960

L14.Prep. horaria -0.017976 0.010821 -1.661 0.097

L14.Temp. prom aire 0.002256 0.004840 0.466 0.641

L15.Conduct 2.380324 7.781586 0.306 0.760

L15.Water 220.529082 494.929856 0.446 0.656

L15.Temp 0.642940 42.165270 0.015 0.988

L15.Prep. horaria 0.016102 0.010814 1.489 0.136

L15.Temp. prom aire -0.004532 0.004839 -0.936 0.349

L16.Conduct -0.697889 7.784897 -0.090 0.929

L16.Water -111.109636 509.781382 -0.218 0.827

L16.Temp 2.378961 42.068786 0.057 0.955

L16.Prep. horaria -0.024131 0.010810 -2.232 0.026

L16.Temp. prom aire 0.002290 0.004837 0.473 0.636

L17.Conduct -0.670171 7.786453 -0.086 0.931

L17.Water -74.205343 462.532533 -0.160 0.873

L17.Temp 0.599068 42.061213 0.014 0.989

L17.Prep. horaria 0.009038 0.010804 0.837 0.403

L17.Temp. prom aire -0.000182 0.004836 -0.038 0.970

L18.Conduct -1.351334 7.786440 -0.174 0.862

L18.Water 86.385822 191.995802 0.450 0.653

L18.Temp -2.986813 42.131269 -0.071 0.943

L18.Prep. horaria 0.008265 0.010796 0.766 0.444

L18.Temp. prom aire 0.000102 0.004840 0.021 0.983

L19.Conduct -0.344641 7.786923 -0.044 0.965

L19.Water 198.817683 NAN NAN NAN

L19.Temp -1.872201 42.173839 -0.044 0.965

L19.Prep. horaria -0.012632 0.010798 -1.170 0.242

L19.Temp. prom aire -0.003268 0.004840 -0.675 0.499

L20.Conduct 0.206311 7.780533 0.027 0.979

L20.Water -551.517637 NAN NAN NAN

L20.Temp 0.671866 42.072682 0.016 0.987

L20.Prep. horaria -0.010992 0.010798 -1.018 0.309

L20.Temp. prom aire 0.008165 0.004835 1.689 0.091

L21.Conduct 1.363980 7.749431 0.176 0.860

L21.Water 677.520065 NAN NAN NAN

L21.Temp -4.501462 41.777767 -0.108 0.914

L21.Prep. horaria -0.009892 0.010796 -0.916 0.360

L21.Temp. prom aire -0.005318 0.004835 -1.100 0.271

L22.Conduct 1.646913 7.688328 0.214 0.830

L22.Water -458.898320 NAN NAN NAN

L22.Temp 13.411839 41.429170 0.324 0.746

L22.Prep. horaria 0.000455 0.010796 0.042 0.966

L22.Temp. prom aire 0.001571 0.004834 0.325 0.745

L23.Conduct -3.109631 5.693411 -0.546 0.585

L23.Water 144.088826 66.968294 2.152 0.031

L23.Temp -9.595108 30.000934 -0.320 0.749

L23.Prep. horaria 0.036200 0.010711 3.380 0.001

L23.Temp. prom aire -0.002644 0.004560 -0.580 0.562

L24.Conduct 1.102598 1.766100 0.624 0.532

L24.Water -11.120658 25.635440 -0.434 0.664

L24.Temp 1.929735 8.939862 0.216 0.829

L24.Prep. horaria -0.019533 0.009300 -2.100 0.036

L24.Temp. prom aire 0.000790 0.002561 0.308 0.758

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Results for equation Temp. prom aire

============================================================== coefficient std. error t-stat prob

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const 0.291328 0.097931 2.975 0.003

L1.Conduct -0.141519 6.754840 -0.021 0.983

L1.Water 245.229103 104.121606 2.355 0.019

L1.Temp 1.680463 32.032263 0.052 0.958

L1.Prep. horaria 0.037303 0.033544 1.112 0.266

L1.Temp. prom aire 1.469379 0.009229 159.211 0.000

L2.Conduct 0.035863 21.097427 0.002 0.999

L2.Water -1340.719182 307.809229 -4.356 0.000

L2.Temp -93.780623 107.772805 -0.870 0.384

L2.Prep. horaria 0.013493 0.038573 0.350 0.726

L2.Temp. prom aire -0.623390 0.016430 -37.942 0.000

L3.Conduct -2.295195 27.865049 -0.082 0.934

L3.Water 3179.124371 NAN NAN NAN

L3.Temp 339.366207 149.621722 2.268 0.023

L3.Prep. horaria -0.013160 0.038913 -0.338 0.735

L3.Temp. prom aire 0.075407 0.017427 4.327 0.000

L4.Conduct 4.504373 28.052864 0.161 0.872

L4.Water -4209.960014 NAN NAN NAN

L4.Temp -383.755629 151.222311 -2.538 0.011

L4.Prep. horaria -0.002466 0.038950 -0.063 0.950

L4.Temp. prom aire -0.029636 0.017441 -1.699 0.089

L5.Conduct -1.852066 28.099792 -0.066 0.947

L5.Water 3133.836995 NAN NAN NAN

L5.Temp 47.471804 151.106017 0.314 0.753

L5.Prep. horaria -0.006070 0.038955 -0.156 0.876

L5.Temp. prom aire -0.012149 0.017442 -0.697 0.486

L6.Conduct 0.752719 28.101246 0.027 0.979

L6.Water -702.476746 NAN NAN NAN

L6.Temp 144.934858 150.630822 0.962 0.336

L6.Prep. horaria 0.017565 0.038952 0.451 0.652

L6.Temp. prom aire 0.018135 0.017430 1.040 0.298

L7.Conduct -2.995633 28.098726 -0.107 0.915

L7.Water -1065.594560 425.202994 -2.506 0.012

L7.Temp -115.704281 150.367852 -0.769 0.442

L7.Prep. horaria 0.021448 0.038949 0.551 0.582

L7.Temp. prom aire -0.033229 0.017430 -1.906 0.057

L8.Conduct 7.410198 28.090859 0.264 0.792

L8.Water 1530.889595 1666.241972 0.919 0.358

L8.Temp 196.252744 150.972425 1.300 0.194

L8.Prep. horaria 0.027854 0.038969 0.715 0.475

L8.Temp. prom aire 0.011650 0.017441 0.668 0.504

L9.Conduct -10.523559 28.092640 -0.375 0.708

L9.Water -2118.701330 1869.770149 -1.133 0.257

L9.Temp -68.176039 151.898951 -0.449 0.654

L9.Prep. horaria -0.032925 0.038986 -0.845 0.398

L9.Temp. prom aire 0.012149 0.017446 0.696 0.486

L10.Conduct 12.348199 28.084362 0.440 0.660

L10.Water 2953.697825 1804.587810 1.637 0.102

L10.Temp -109.609559 152.213321 -0.720 0.471

L10.Prep. horaria -0.039975 0.038998 -1.025 0.305

L10.Temp. prom aire 0.000218 0.017440 0.012 0.990

L11.Conduct -13.034979 28.055244 -0.465 0.642

L11.Water -2200.046353 1803.493134 -1.220 0.223

L11.Temp -123.635297 152.013513 -0.813 0.416

L11.Prep. horaria 0.005884 0.039021 0.151 0.880

L11.Temp. prom aire -0.020072 0.017426 -1.152 0.249

L12.Conduct 0.744601 28.047659 0.027 0.979

L12.Water 143.010168 1875.404473 0.076 0.939

L12.Temp 169.033616 151.876508 1.113 0.266

L12.Prep. horaria 0.009105 0.039018 0.233 0.815

L12.Temp. prom aire 0.019023 0.017426 1.092 0.275

L13.Conduct 6.077181 28.043845 0.217 0.828

L13.Water 1122.171920 1872.840385 0.599 0.549

L13.Temp 82.468225 152.058216 0.542 0.588

L13.Prep. horaria -0.003365 0.039017 -0.086 0.931

L13.Temp. prom aire -0.023561 0.017445 -1.351 0.177

L14.Conduct -2.878991 28.046534 -0.103 0.918

L14.Water -1292.779557 1795.745257 -0.720 0.472

L14.Temp -118.256852 152.222148 -0.777 0.437

L14.Prep. horaria -0.015305 0.039019 -0.392 0.695

L14.Temp. prom aire 0.029553 0.017451 1.694 0.090

L15.Conduct 12.832847 28.059495 0.457 0.647

L15.Water 886.698986 1784.659657 0.497 0.619

L15.Temp 5.246350 152.043075 0.035 0.972

L15.Prep. horaria 0.022164 0.038993 0.568 0.570

L15.Temp. prom aire -0.025547 0.017449 -1.464 0.143

L16.Conduct -16.084233 28.071434 -0.573 0.567

L16.Water 385.240953 1838.212539 0.210 0.834

L16.Temp 2.223577 151.695164 0.015 0.988

L16.Prep. horaria -0.012377 0.038980 -0.318 0.751

L16.Temp. prom aire -0.008792 0.017440 -0.504 0.614

L17.Conduct 19.680851 28.077047 0.701 0.483

L17.Water -1726.017904 1667.838670 -1.035 0.301

L17.Temp 122.659569 151.667855 0.809 0.419

L17.Prep. horaria 0.004982 0.038958 0.128 0.898

L17.Temp. prom aire 0.021614 0.017439 1.239 0.215

L18.Conduct -44.825801 28.076999 -1.597 0.110

L18.Water 1373.990806 692.314593 1.985 0.047

L18.Temp -74.073694 151.920468 -0.488 0.626

L18.Prep. horaria 0.001233 0.038929 0.032 0.975

L18.Temp. prom aire -0.013519 0.017453 -0.775 0.439

L19.Conduct 45.686413 28.078742 1.627 0.104

L19.Water 251.645395 NAN NAN NAN

L19.Temp 10.405335 152.073971 0.068 0.945

L19.Prep. horaria -0.032770 0.038937 -0.842 0.400

L19.Temp. prom aire 0.020806 0.017451 1.192 0.233

L20.Conduct -13.646064 28.055701 -0.486 0.627

L20.Water -1063.680008 NAN NAN NAN

L20.Temp -150.937482 151.709211 -0.995 0.320

L20.Prep. horaria -0.015058 0.038937 -0.387 0.699

L20.Temp. prom aire -0.011961 0.017435 -0.686 0.493

L21.Conduct -3.761707 27.943550 -0.135 0.893

L21.Water 677.132976 NAN NAN NAN

L21.Temp 182.568324 150.645781 1.212 0.226

L21.Prep. horaria 0.021544 0.038929 0.553 0.580

L21.Temp. prom aire 0.024578 0.017436 1.410 0.159

L22.Conduct 0.390217 27.723218 0.014 0.989

L22.Water -186.464109 NAN NAN NAN

L22.Temp -177.775698 149.388782 -1.190 0.234

L22.Prep. horaria 0.017506 0.038928 0.450 0.653

L22.Temp. prom aire 0.026972 0.017432 1.547 0.122

L23.Conduct 2.968913 20.529781 0.145 0.885

L23.Water 27.238983 241.479901 0.113 0.910

L23.Temp 184.624205 108.179889 1.707 0.088

L23.Prep. horaria 0.029303 0.038624 0.759 0.448

L23.Temp. prom aire 0.166293 0.016441 10.114 0.000

L24.Conduct -1.392471 6.368353 -0.219 0.827

L24.Water -3.471622 92.438423 -0.038 0.970

L24.Temp -73.214964 32.236104 -2.271 0.023

L24.Prep. horaria -0.031726 0.033535 -0.946 0.344

L24.Temp. prom aire -0.131621 0.009235 -14.252 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.211611 0.097563 0.003074 0.003135

Water 0.211611 1.000000 0.008061 0.000792 0.011279

Temp 0.097563 0.008061 1.000000 0.002763 -0.015199

Prep. horaria 0.003074 0.000792 0.002763 1.000000 -0.024452

Temp. prom aire 0.003135 0.011279 -0.015199 -0.024452 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -52.0692

Nobs: 11665.0 HQIC: -52.3228

Log likelihood: 223767. FPE: 1.66248e-23

AIC: -52.4511 Det(Omega\_mle): 1.57888e-23

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000223 0.000051 4.345 0.000

L1.Conduct 3.013186 0.009978 301.980 0.000

L1.Water 0.972902 0.047288 20.574 0.000

L1.Temp 0.251459 0.036282 6.931 0.000

L1.Prep. horaria 0.000027 0.000023 1.191 0.234

L1.Temp. prom aire 0.000004 0.000006 0.669 0.504

L2.Conduct -2.971823 0.031573 -94.126 0.000

L2.Water -2.914703 0.221549 -13.156 0.000

L2.Temp -0.931723 0.163540 -5.697 0.000

L2.Prep. horaria -0.000161 0.000026 -6.162 0.000

L2.Temp. prom aire 0.000002 0.000011 0.158 0.875

L3.Conduct 0.808762 0.043189 18.726 0.000

L3.Water 2.929933 0.484023 6.053 0.000

L3.Temp 1.207593 0.328612 3.675 0.000

L3.Prep. horaria 0.000087 0.000026 3.308 0.001

L3.Temp. prom aire -0.000004 0.000012 -0.330 0.742

L4.Conduct 0.207325 0.043897 4.723 0.000

L4.Water -1.096108 0.684901 -1.600 0.110

L4.Temp -0.659807 0.424876 -1.553 0.120

L4.Prep. horaria -0.000019 0.000026 -0.711 0.477

L4.Temp. prom aire 0.000003 0.000012 0.222 0.824

L5.Conduct -0.029372 0.043947 -0.668 0.504

L5.Water 0.763021 0.758508 1.006 0.314

L5.Temp 0.697782 0.450614 1.549 0.121

L5.Prep. horaria -0.000007 0.000026 -0.277 0.782

L5.Temp. prom aire -0.000011 0.000012 -0.891 0.373

L6.Conduct -0.015017 0.043951 -0.342 0.733

L6.Water -2.511388 0.767808 -3.271 0.001

L6.Temp -1.867728 0.453322 -4.120 0.000

L6.Prep. horaria 0.000016 0.000026 0.608 0.543

L6.Temp. prom aire 0.000009 0.000012 0.798 0.425

L7.Conduct -0.031679 0.043948 -0.721 0.471

L7.Water 4.399862 0.767276 5.734 0.000

L7.Temp 2.587704 0.453336 5.708 0.000

L7.Prep. horaria 0.000019 0.000026 0.735 0.462

L7.Temp. prom aire 0.000007 0.000012 0.558 0.577

L8.Conduct 0.012978 0.043942 0.295 0.768

L8.Water -4.168757 0.768523 -5.424 0.000

L8.Temp -2.009596 0.454233 -4.424 0.000

L8.Prep. horaria 0.000026 0.000026 0.973 0.331

L8.Temp. prom aire -0.000016 0.000012 -1.345 0.179

L9.Conduct 0.015719 0.043939 0.358 0.721

L9.Water 2.127718 0.770307 2.762 0.006

L9.Temp 1.008584 0.455149 2.216 0.027

L9.Prep. horaria 0.000022 0.000026 0.844 0.398

L9.Temp. prom aire 0.000004 0.000012 0.349 0.727

L10.Conduct -0.002708 0.043938 -0.062 0.951

L10.Water -0.731451 0.771631 -0.948 0.343

L10.Temp -0.382169 0.455877 -0.838 0.402

L10.Prep. horaria 0.000007 0.000026 0.261 0.794

L10.Temp. prom aire 0.000016 0.000012 1.365 0.172

L11.Conduct -0.007301 0.043937 -0.166 0.868

L11.Water 0.312316 0.772542 0.404 0.686

L11.Temp 0.112193 0.456185 0.246 0.806

L11.Prep. horaria 0.000033 0.000026 1.232 0.218

L11.Temp. prom aire -0.000022 0.000012 -1.893 0.058

L12.Conduct 0.004574 0.043935 0.104 0.917

L12.Water -0.045131 0.772289 -0.058 0.953

L12.Temp 0.003413 0.455835 0.007 0.994

L12.Prep. horaria 0.000038 0.000026 1.447 0.148

L12.Temp. prom aire 0.000017 0.000012 1.432 0.152

L13.Conduct -0.008621 0.043935 -0.196 0.844

L13.Water -0.046576 0.771089 -0.060 0.952

L13.Temp -0.014898 0.455144 -0.033 0.974

L13.Prep. horaria -0.000001 0.000026 -0.043 0.965

L13.Temp. prom aire -0.000010 0.000012 -0.846 0.398

L14.Conduct 0.009381 0.043934 0.214 0.831

L14.Water -0.042921 0.769809 -0.056 0.956

L14.Temp -0.019366 0.454516 -0.043 0.966

L14.Prep. horaria 0.000045 0.000026 1.691 0.091

L14.Temp. prom aire -0.000001 0.000012 -0.116 0.907

L15.Conduct -0.006318 0.043929 -0.144 0.886

L15.Water 0.095214 0.768996 0.124 0.901

L15.Temp 0.034478 0.454179 0.076 0.939

L15.Prep. horaria 0.000024 0.000026 0.902 0.367

L15.Temp. prom aire 0.000012 0.000012 0.991 0.322

L16.Conduct 0.009143 0.043887 0.208 0.835

L16.Water -0.065784 0.769138 -0.086 0.932

L16.Temp -0.042597 0.454434 -0.094 0.925

L16.Prep. horaria 0.000027 0.000026 1.037 0.300

L16.Temp. prom aire -0.000009 0.000012 -0.778 0.437

L17.Conduct -0.005305 0.043808 -0.121 0.904

L17.Water 0.011300 0.770174 0.015 0.988

L17.Temp -0.023760 0.455099 -0.052 0.958

L17.Prep. horaria 0.000043 0.000026 1.613 0.107

L17.Temp. prom aire 0.000001 0.000012 0.082 0.935

L18.Conduct -0.011578 0.043803 -0.264 0.792

L18.Water 0.210900 0.771384 0.273 0.785

L18.Temp 0.199927 0.455891 0.439 0.661

L18.Prep. horaria -0.000030 0.000026 -1.154 0.248

L18.Temp. prom aire 0.000002 0.000012 0.177 0.860

L19.Conduct 0.004402 0.043798 0.101 0.920

L19.Water -0.604178 0.772787 -0.782 0.434

L19.Temp -0.388857 0.456448 -0.852 0.394

L19.Prep. horaria 0.000065 0.000026 2.463 0.014

L19.Temp. prom aire 0.000001 0.000012 0.066 0.948

L20.Conduct -0.001530 0.043795 -0.035 0.972

L20.Water 1.006486 0.768706 1.309 0.190

L20.Temp 0.715898 0.449805 1.592 0.111

L20.Prep. horaria 0.000050 0.000026 1.897 0.058

L20.Temp. prom aire -0.000003 0.000012 -0.230 0.818

L21.Conduct -0.017485 0.043753 -0.400 0.689

L21.Water -1.676455 0.720410 -2.327 0.020

L21.Temp -1.164422 0.402226 -2.895 0.004

L21.Prep. horaria 0.000001 0.000026 0.027 0.979

L21.Temp. prom aire -0.000002 0.000012 -0.190 0.849

L22.Conduct 0.022755 0.042863 0.531 0.596

L22.Water 2.237329 0.544924 4.106 0.000

L22.Temp 1.175762 0.279629 4.205 0.000

L22.Prep. horaria 0.000037 0.000026 1.404 0.160

L22.Temp. prom aire 0.000006 0.000012 0.472 0.637

L23.Conduct 0.027826 0.030737 0.905 0.365

L23.Water -1.626315 0.262757 -6.189 0.000

L23.Temp -0.626177 0.126789 -4.939 0.000

L23.Prep. horaria -0.000018 0.000026 -0.690 0.490

L23.Temp. prom aire -0.000005 0.000011 -0.413 0.680

L24.Conduct -0.027320 0.009462 -2.887 0.004

L24.Water 0.462781 0.056625 8.173 0.000

L24.Temp 0.136300 0.027087 5.032 0.000

L24.Prep. horaria -0.000015 0.000023 -0.676 0.499

L24.Temp. prom aire -0.000000 0.000006 -0.005 0.996

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000034 0.000015 2.189 0.029

L1.Conduct 0.013941 0.002991 4.661 0.000

L1.Water 3.822479 0.014175 269.661 0.000

L1.Temp 0.204269 0.010876 18.782 0.000

L1.Prep. horaria 0.000006 0.000007 0.911 0.362

L1.Temp. prom aire -0.000001 0.000002 -0.520 0.603

L2.Conduct -0.035545 0.009464 -3.756 0.000

L2.Water -5.494485 0.066412 -82.733 0.000

L2.Temp -0.815369 0.049023 -16.632 0.000

L2.Prep. horaria 0.000001 0.000008 0.155 0.877

L2.Temp. prom aire 0.000005 0.000003 1.610 0.107

L3.Conduct 0.024678 0.012946 1.906 0.057

L3.Water 3.622073 0.145092 24.964 0.000

L3.Temp 1.200755 0.098506 12.190 0.000

L3.Prep. horaria -0.000005 0.000008 -0.663 0.507

L3.Temp. prom aire -0.000004 0.000004 -1.021 0.307

L4.Conduct 0.001324 0.013159 0.101 0.920

L4.Water -1.170612 0.205308 -5.702 0.000

L4.Temp -0.710149 0.127362 -5.576 0.000

L4.Prep. horaria -0.000006 0.000008 -0.784 0.433

L4.Temp. prom aire -0.000002 0.000004 -0.502 0.616

L5.Conduct -0.002591 0.013174 -0.197 0.844

L5.Water 0.232557 0.227373 1.023 0.306

L5.Temp 0.015916 0.135077 0.118 0.906

L5.Prep. horaria 0.000002 0.000008 0.309 0.757

L5.Temp. prom aire 0.000002 0.000004 0.673 0.501

L6.Conduct -0.002000 0.013175 -0.152 0.879

L6.Water 0.193877 0.230160 0.842 0.400

L6.Temp 0.157084 0.135889 1.156 0.248

L6.Prep. horaria 0.000004 0.000008 0.487 0.626

L6.Temp. prom aire -0.000004 0.000004 -1.106 0.269

L7.Conduct -0.000896 0.013174 -0.068 0.946

L7.Water -0.263920 0.230001 -1.147 0.251

L7.Temp -0.067784 0.135893 -0.499 0.618

L7.Prep. horaria 0.000002 0.000008 0.259 0.795

L7.Temp. prom aire 0.000004 0.000004 1.221 0.222

L8.Conduct 0.000195 0.013172 0.015 0.988

L8.Water 0.030687 0.230375 0.133 0.894

L8.Temp 0.024753 0.136162 0.182 0.856

L8.Prep. horaria -0.000000 0.000008 -0.012 0.990

L8.Temp. prom aire -0.000003 0.000004 -0.793 0.428

L9.Conduct 0.002186 0.013171 0.166 0.868

L9.Water -0.014720 0.230910 -0.064 0.949

L9.Temp -0.020861 0.136437 -0.153 0.878

L9.Prep. horaria -0.000003 0.000008 -0.439 0.660

L9.Temp. prom aire 0.000004 0.000004 1.037 0.300

L10.Conduct -0.001070 0.013171 -0.081 0.935

L10.Water 0.064904 0.231307 0.281 0.779

L10.Temp 0.019642 0.136655 0.144 0.886

L10.Prep. horaria -0.000005 0.000008 -0.610 0.542

L10.Temp. prom aire -0.000001 0.000004 -0.291 0.771

L11.Conduct -0.000279 0.013171 -0.021 0.983

L11.Water -0.018661 0.231579 -0.081 0.936

L11.Temp -0.012030 0.136747 -0.088 0.930

L11.Prep. horaria -0.000002 0.000008 -0.267 0.790

L11.Temp. prom aire -0.000003 0.000004 -0.924 0.356

L12.Conduct -0.000517 0.013170 -0.039 0.969

L12.Water -0.001134 0.231504 -0.005 0.996

L12.Temp 0.000809 0.136643 0.006 0.995

L12.Prep. horaria -0.000000 0.000008 -0.063 0.950

L12.Temp. prom aire 0.000004 0.000004 1.065 0.287

L13.Conduct -0.002180 0.013170 -0.166 0.869

L13.Water 0.023188 0.231144 0.100 0.920

L13.Temp 0.029383 0.136435 0.215 0.829

L13.Prep. horaria -0.000001 0.000008 -0.148 0.882

L13.Temp. prom aire -0.000004 0.000004 -1.036 0.300

L14.Conduct 0.001755 0.013170 0.133 0.894

L14.Water -0.097071 0.230760 -0.421 0.674

L14.Temp -0.066404 0.136247 -0.487 0.626

L14.Prep. horaria -0.000001 0.000008 -0.065 0.948

L14.Temp. prom aire 0.000003 0.000004 0.884 0.377

L15.Conduct -0.000435 0.013168 -0.033 0.974

L15.Water 0.156568 0.230517 0.679 0.497

L15.Temp 0.081650 0.136146 0.600 0.549

L15.Prep. horaria 0.000001 0.000008 0.084 0.933

L15.Temp. prom aire -0.000000 0.000004 -0.049 0.961

L16.Conduct 0.009054 0.013156 0.688 0.491

L16.Water -0.153153 0.230559 -0.664 0.507

L16.Temp -0.084127 0.136223 -0.618 0.537

L16.Prep. horaria 0.000001 0.000008 0.090 0.928

L16.Temp. prom aire -0.000001 0.000004 -0.271 0.787

L17.Conduct -0.005922 0.013132 -0.451 0.652

L17.Water 0.090254 0.230870 0.391 0.696

L17.Temp 0.019753 0.136422 0.145 0.885

L17.Prep. horaria -0.000000 0.000008 -0.010 0.992

L17.Temp. prom aire -0.000000 0.000004 -0.051 0.959

L18.Conduct -0.006324 0.013131 -0.482 0.630

L18.Water 0.099829 0.231233 0.432 0.666

L18.Temp 0.125590 0.136659 0.919 0.358

L18.Prep. horaria 0.000003 0.000008 0.366 0.715

L18.Temp. prom aire 0.000002 0.000004 0.518 0.605

L19.Conduct 0.000937 0.013129 0.071 0.943

L19.Water -0.396241 0.231653 -1.710 0.087

L19.Temp -0.256491 0.136826 -1.875 0.061

L19.Prep. horaria 0.000010 0.000008 1.284 0.199

L19.Temp. prom aire -0.000001 0.000004 -0.243 0.808

L20.Conduct 0.009556 0.013128 0.728 0.467

L20.Water 0.676894 0.230430 2.938 0.003

L20.Temp 0.489736 0.134835 3.632 0.000

L20.Prep. horaria 0.000010 0.000008 1.315 0.188

L20.Temp. prom aire -0.000001 0.000004 -0.189 0.850

L21.Conduct -0.007105 0.013115 -0.542 0.588

L21.Water -1.165352 0.215952 -5.396 0.000

L21.Temp -0.819081 0.120572 -6.793 0.000

L21.Prep. horaria 0.000010 0.000008 1.283 0.200

L21.Temp. prom aire -0.000001 0.000004 -0.178 0.859

L22.Conduct 0.002338 0.012849 0.182 0.856

L22.Water 1.574710 0.163348 9.640 0.000

L22.Temp 0.799252 0.083822 9.535 0.000

L22.Prep. horaria 0.000008 0.000008 0.983 0.326

L22.Temp. prom aire 0.000001 0.000004 0.198 0.843

L23.Conduct -0.002862 0.009214 -0.311 0.756

L23.Water -1.114116 0.078765 -14.145 0.000

L23.Temp -0.392517 0.038007 -10.328 0.000

L23.Prep. horaria -0.000003 0.000008 -0.363 0.716

L23.Temp. prom aire -0.000001 0.000003 -0.255 0.799

L24.Conduct 0.001762 0.002836 0.621 0.534

L24.Water 0.301442 0.016974 17.759 0.000

L24.Temp 0.076221 0.008120 9.387 0.000

L24.Prep. horaria -0.000020 0.000007 -2.945 0.003

L24.Temp. prom aire 0.000001 0.000002 0.410 0.682

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000013 0.000019 -0.700 0.484

L1.Conduct -0.010614 0.003731 -2.844 0.004

L1.Water 1.409262 0.017684 79.691 0.000

L1.Temp 4.250783 0.013568 313.292 0.000

L1.Prep. horaria -0.000007 0.000009 -0.792 0.429

L1.Temp. prom aire -0.000001 0.000002 -0.221 0.825

L2.Conduct 0.027511 0.011807 2.330 0.020

L2.Water -6.168808 0.082852 -74.456 0.000

L2.Temp -7.376916 0.061158 -120.621 0.000

L2.Prep. horaria -0.000003 0.000010 -0.355 0.722

L2.Temp. prom aire -0.000002 0.000004 -0.431 0.667

L3.Conduct -0.018820 0.016151 -1.165 0.244

L3.Water 10.859365 0.181008 59.994 0.000

L3.Temp 7.092749 0.122889 57.717 0.000

L3.Prep. horaria 0.000003 0.000010 0.291 0.771

L3.Temp. prom aire 0.000001 0.000004 0.120 0.904

L4.Conduct -0.002890 0.016416 -0.176 0.860

L4.Water -10.038741 0.256129 -39.194 0.000

L4.Temp -4.843495 0.158889 -30.484 0.000

L4.Prep. horaria 0.000013 0.000010 1.285 0.199

L4.Temp. prom aire 0.000006 0.000004 1.310 0.190

L5.Conduct 0.003325 0.016435 0.202 0.840

L5.Water 5.898831 0.283655 20.796 0.000

L5.Temp 3.019160 0.168514 17.916 0.000

L5.Prep. horaria 0.000006 0.000010 0.609 0.543

L5.Temp. prom aire -0.000002 0.000004 -0.513 0.608

L6.Conduct 0.002484 0.016436 0.151 0.880

L6.Water -3.097663 0.287133 -10.788 0.000

L6.Temp -1.601090 0.169526 -9.444 0.000

L6.Prep. horaria -0.000007 0.000010 -0.670 0.503

L6.Temp. prom aire 0.000003 0.000004 0.661 0.509

L7.Conduct -0.000093 0.016435 -0.006 0.996

L7.Water 1.498898 0.286934 5.224 0.000

L7.Temp 0.608344 0.169532 3.588 0.000

L7.Prep. horaria -0.000006 0.000010 -0.634 0.526

L7.Temp. prom aire -0.000008 0.000004 -1.765 0.078

L8.Conduct -0.000243 0.016433 -0.015 0.988

L8.Water -0.396742 0.287401 -1.380 0.167

L8.Temp -0.204720 0.169867 -1.205 0.228

L8.Prep. horaria 0.000003 0.000010 0.268 0.789

L8.Temp. prom aire 0.000008 0.000004 1.721 0.085

L9.Conduct -0.001855 0.016432 -0.113 0.910

L9.Water 0.101733 0.288068 0.353 0.724

L9.Temp 0.054372 0.170210 0.319 0.749

L9.Prep. horaria 0.000001 0.000010 0.144 0.886

L9.Temp. prom aire -0.000008 0.000004 -1.796 0.072

L10.Conduct 0.000636 0.016431 0.039 0.969

L10.Water -0.036288 0.288563 -0.126 0.900

L10.Temp 0.029160 0.170482 0.171 0.864

L10.Prep. horaria 0.000007 0.000010 0.657 0.511

L10.Temp. prom aire 0.000003 0.000004 0.681 0.496

L11.Conduct -0.000009 0.016431 -0.001 1.000

L11.Water -0.113038 0.288903 -0.391 0.696

L11.Temp -0.065818 0.170597 -0.386 0.700

L11.Prep. horaria 0.000001 0.000010 0.137 0.891

L11.Temp. prom aire 0.000005 0.000004 1.187 0.235

L12.Conduct 0.000924 0.016430 0.056 0.955

L12.Water 0.131075 0.288809 0.454 0.650

L12.Temp 0.069479 0.170466 0.408 0.684

L12.Prep. horaria -0.000000 0.000010 -0.012 0.991

L12.Temp. prom aire -0.000004 0.000004 -1.004 0.315

L13.Conduct 0.003182 0.016430 0.194 0.846

L13.Water -0.102131 0.288360 -0.354 0.723

L13.Temp -0.066139 0.170208 -0.389 0.698

L13.Prep. horaria 0.000000 0.000010 0.022 0.983

L13.Temp. prom aire 0.000002 0.000004 0.548 0.584

L14.Conduct -0.002456 0.016430 -0.150 0.881

L14.Water 0.128217 0.287882 0.445 0.656

L14.Temp 0.069912 0.169973 0.411 0.681

L14.Prep. horaria 0.000001 0.000010 0.073 0.942

L14.Temp. prom aire -0.000005 0.000004 -1.079 0.280

L15.Conduct -0.001332 0.016428 -0.081 0.935

L15.Water -0.154553 0.287578 -0.537 0.591

L15.Temp -0.081492 0.169847 -0.480 0.631

L15.Prep. horaria 0.000002 0.000010 0.213 0.831

L15.Temp. prom aire 0.000004 0.000004 0.808 0.419

L16.Conduct -0.003759 0.016412 -0.229 0.819

L16.Water 0.163896 0.287631 0.570 0.569

L16.Temp 0.105661 0.169942 0.622 0.534

L16.Prep. horaria -0.000002 0.000010 -0.187 0.852

L16.Temp. prom aire -0.000000 0.000004 -0.089 0.929

L17.Conduct 0.003021 0.016383 0.184 0.854

L17.Water -0.115850 0.288018 -0.402 0.688

L17.Temp -0.030770 0.170191 -0.181 0.857

L17.Prep. horaria -0.000001 0.000010 -0.119 0.905

L17.Temp. prom aire -0.000001 0.000004 -0.132 0.895

L18.Conduct 0.001427 0.016381 0.087 0.931

L18.Water -0.108931 0.288471 -0.378 0.706

L18.Temp -0.141585 0.170487 -0.830 0.406

L18.Prep. horaria 0.000000 0.000010 0.005 0.996

L18.Temp. prom aire -0.000000 0.000004 -0.046 0.963

L19.Conduct 0.001783 0.016379 0.109 0.913

L19.Water 0.384444 0.288995 1.330 0.183

L19.Temp 0.206396 0.170696 1.209 0.227

L19.Prep. horaria -0.000006 0.000010 -0.654 0.513

L19.Temp. prom aire -0.000002 0.000004 -0.451 0.652

L20.Conduct 0.003274 0.016378 0.200 0.842

L20.Water -0.444078 0.287469 -1.545 0.122

L20.Temp -0.287311 0.168211 -1.708 0.088

L20.Prep. horaria -0.000011 0.000010 -1.134 0.257

L20.Temp. prom aire 0.000002 0.000004 0.458 0.647

L21.Conduct -0.018991 0.016362 -1.161 0.246

L21.Water 0.548728 0.269408 2.037 0.042

L21.Temp 0.392812 0.150418 2.611 0.009

L21.Prep. horaria -0.000011 0.000010 -1.140 0.254

L21.Temp. prom aire 0.000002 0.000004 0.450 0.652

L22.Conduct 0.021022 0.016029 1.311 0.190

L22.Water -0.770141 0.203782 -3.779 0.000

L22.Temp -0.202590 0.104571 -1.937 0.053

L22.Prep. horaria -0.000008 0.000010 -0.769 0.442

L22.Temp. prom aire 0.000001 0.000004 0.123 0.902

L23.Conduct -0.007889 0.011495 -0.686 0.493

L23.Water 0.589119 0.098262 5.995 0.000

L23.Temp -0.041848 0.047414 -0.883 0.377

L23.Prep. horaria -0.000000 0.000010 -0.008 0.993

L23.Temp. prom aire 0.000003 0.000004 0.651 0.515

L24.Conduct 0.000362 0.003539 0.102 0.919

L24.Water -0.166604 0.021176 -7.868 0.000

L24.Temp 0.044947 0.010130 4.437 0.000

L24.Prep. horaria 0.000016 0.000009 1.909 0.056

L24.Temp. prom aire -0.000005 0.000002 -2.247 0.025

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.032076 0.020922 -1.533 0.125

L1.Conduct -6.760049 4.075296 -1.659 0.097

L1.Water 3.620791 19.313470 0.187 0.851

L1.Temp -3.965024 14.818350 -0.268 0.789

L1.Prep. horaria 0.568598 0.009305 61.108 0.000

L1.Temp. prom aire -0.001727 0.002557 -0.675 0.499

L2.Conduct 12.483743 12.895092 0.968 0.333

L2.Water 10.022903 90.486073 0.111 0.912

L2.Temp 24.480593 66.793453 0.367 0.714

L2.Prep. horaria 0.143823 0.010679 13.468 0.000

L2.Temp. prom aire 0.007764 0.004548 1.707 0.088

L3.Conduct -3.592444 17.639460 -0.204 0.839

L3.Water -62.932166 197.686513 -0.318 0.750

L3.Temp -53.623295 134.212902 -0.400 0.689

L3.Prep. horaria 0.007084 0.010778 0.657 0.511

L3.Temp. prom aire -0.005417 0.004824 -1.123 0.261

L4.Conduct -2.051349 17.928402 -0.114 0.909

L4.Water 90.822192 279.729888 0.325 0.745

L4.Temp 42.152550 173.529628 0.243 0.808

L4.Prep. horaria -0.025821 0.010783 -2.395 0.017

L4.Temp. prom aire 0.002277 0.004827 0.472 0.637

L5.Conduct 0.321959 17.949203 0.018 0.986

L5.Water -7.829019 309.792786 -0.025 0.980

L5.Temp 21.396218 184.041421 0.116 0.907

L5.Prep. horaria -0.002503 0.010785 -0.232 0.816

L5.Temp. prom aire -0.004066 0.004827 -0.842 0.400

L6.Conduct -3.507929 17.950498 -0.195 0.845

L6.Water -114.853107 313.590996 -0.366 0.714

L6.Temp -72.072577 185.147394 -0.389 0.697

L6.Prep. horaria 0.010835 0.010785 1.005 0.315

L6.Temp. prom aire 0.004626 0.004827 0.958 0.338

L7.Conduct 0.041020 17.949620 0.002 0.998

L7.Water 138.059617 313.374113 0.441 0.660

L7.Temp 67.761504 185.153182 0.366 0.714

L7.Prep. horaria 0.039224 0.010786 3.637 0.000

L7.Temp. prom aire -0.003688 0.004828 -0.764 0.445

L8.Conduct 10.815091 17.946970 0.603 0.547

L8.Water -85.108098 313.883166 -0.271 0.786

L8.Temp -29.607944 185.519584 -0.160 0.873

L8.Prep. horaria -0.040826 0.010792 -3.783 0.000

L8.Temp. prom aire 0.003725 0.004828 0.771 0.440

L9.Conduct -10.760154 17.945722 -0.600 0.549

L9.Water 20.260267 314.612032 0.064 0.949

L9.Temp -13.515600 185.893618 -0.073 0.942

L9.Prep. horaria 0.035055 0.010796 3.247 0.001

L9.Temp. prom aire -0.003619 0.004829 -0.749 0.454

L10.Conduct 1.198323 17.945147 0.067 0.947

L10.Water 67.862428 315.152723 0.215 0.830

L10.Temp 54.732827 186.191142 0.294 0.769

L10.Prep. horaria 0.047750 0.010799 4.422 0.000

L10.Temp. prom aire 0.003898 0.004828 0.807 0.419

L11.Conduct -7.742695 17.944777 -0.431 0.666

L11.Water -129.002941 315.524468 -0.409 0.683

L11.Temp -88.711148 186.316941 -0.476 0.634

L11.Prep. horaria -0.009183 0.010805 -0.850 0.395

L11.Temp. prom aire -0.000800 0.004828 -0.166 0.868

L12.Conduct 26.459331 17.944309 1.475 0.140

L12.Water 124.744841 315.421199 0.395 0.692

L12.Temp 86.853380 186.174100 0.467 0.641

L12.Prep. horaria 0.031447 0.010805 2.910 0.004

L12.Temp. prom aire -0.003422 0.004828 -0.709 0.478

L13.Conduct -23.463416 17.944253 -1.308 0.191

L13.Water -82.377587 314.931133 -0.262 0.794

L13.Temp -42.955403 185.891724 -0.231 0.817

L13.Prep. horaria -0.002716 0.010806 -0.251 0.802

L13.Temp. prom aire 0.003368 0.004829 0.697 0.486

L14.Conduct 8.269971 17.943813 0.461 0.645

L14.Water 10.455453 314.408576 0.033 0.973

L14.Temp 3.009615 185.635286 0.016 0.987

L14.Prep. horaria -0.017779 0.010805 -1.645 0.100

L14.Temp. prom aire 0.002255 0.004829 0.467 0.641

L15.Conduct -4.319521 17.941830 -0.241 0.810

L15.Water 25.024441 314.076500 0.080 0.936

L15.Temp 5.610343 185.497475 0.030 0.976

L15.Prep. horaria 0.015724 0.010798 1.456 0.145

L15.Temp. prom aire -0.004637 0.004830 -0.960 0.337

L16.Conduct 4.577489 17.924417 0.255 0.798

L16.Water -2.643344 314.134598 -0.008 0.993

L16.Temp -0.087817 185.601839 -0.000 1.000

L16.Prep. horaria -0.024457 0.010795 -2.266 0.023

L16.Temp. prom aire 0.002467 0.004831 0.511 0.610

L17.Conduct -1.182173 17.892342 -0.066 0.947

L17.Water -18.641274 314.557544 -0.059 0.953

L17.Temp -20.874588 185.873376 -0.112 0.911

L17.Prep. horaria 0.008667 0.010789 0.803 0.422

L17.Temp. prom aire -0.000335 0.004830 -0.069 0.945

L18.Conduct -1.086151 17.890295 -0.061 0.952

L18.Water 72.703043 315.051836 0.231 0.817

L18.Temp 65.310722 186.196796 0.351 0.726

L18.Prep. horaria 0.008715 0.010783 0.808 0.419

L18.Temp. prom aire 0.000156 0.004830 0.032 0.974

L19.Conduct 1.269973 17.888246 0.071 0.943

L19.Water -168.292778 315.624632 -0.533 0.594

L19.Temp -106.398929 186.424485 -0.571 0.568

L19.Prep. horaria -0.011997 0.010782 -1.113 0.266

L19.Temp. prom aire -0.003088 0.004830 -0.639 0.523

L20.Conduct -0.078603 17.886881 -0.004 0.996

L20.Water 236.400826 313.958078 0.753 0.451

L20.Temp 149.866639 183.711133 0.816 0.415

L20.Prep. horaria -0.010181 0.010785 -0.944 0.345

L20.Temp. prom aire 0.007898 0.004830 1.635 0.102

L21.Conduct -1.681884 17.869708 -0.094 0.925

L21.Water -308.634779 294.232582 -1.049 0.294

L21.Temp -202.300336 164.278720 -1.231 0.218

L21.Prep. horaria -0.008807 0.010784 -0.817 0.414

L21.Temp. prom aire -0.005293 0.004830 -1.096 0.273

L22.Conduct -7.952406 17.506212 -0.454 0.650

L22.Water 359.968547 222.560090 1.617 0.106

L22.Temp 188.436545 114.207100 1.650 0.099

L22.Prep. horaria 0.001388 0.010783 0.129 0.898

L22.Temp. prom aire 0.001440 0.004827 0.298 0.765

L23.Conduct 15.301186 12.553711 1.219 0.223

L23.Water -247.031309 107.316113 -2.302 0.021

L23.Temp -94.972458 51.783492 -1.834 0.067

L23.Prep. horaria 0.037976 0.010703 3.548 0.000

L23.Temp. prom aire -0.002452 0.004553 -0.539 0.590

L24.Conduct -6.560392 3.864563 -1.698 0.090

L24.Water 67.403993 23.126834 2.915 0.004

L24.Temp 19.473595 11.063089 1.760 0.078

L24.Prep. horaria -0.016895 0.009316 -1.813 0.070

L24.Temp. prom aire 0.000773 0.002559 0.302 0.763

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.232004 0.075492 3.073 0.002

L1.Conduct 7.816832 14.704545 0.532 0.595

L1.Water -66.306065 69.687165 -0.951 0.341

L1.Temp -83.217067 53.467802 -1.556 0.120

L1.Prep. horaria 0.036048 0.033574 1.074 0.283

L1.Temp. prom aire 1.467616 0.009228 159.047 0.000

L2.Conduct -22.062066 46.528273 -0.474 0.635

L2.Water 408.130386 326.493271 1.250 0.211

L2.Temp 246.833430 241.005187 1.024 0.306

L2.Prep. horaria 0.013207 0.038531 0.343 0.732

L2.Temp. prom aire -0.622481 0.016412 -37.929 0.000

L3.Conduct 19.189405 63.646978 0.301 0.763

L3.Water -836.784419 713.295581 -1.173 0.241

L3.Temp -123.822522 484.269103 -0.256 0.798

L3.Prep. horaria -0.013702 0.038889 -0.352 0.725

L3.Temp. prom aire 0.076235 0.017404 4.380 0.000

L4.Conduct -8.860355 64.689541 -0.137 0.891

L4.Water 454.273851 1009.325778 0.450 0.653

L4.Temp -369.738958 626.132331 -0.591 0.555

L4.Prep. horaria -0.003347 0.038909 -0.086 0.931

L4.Temp. prom aire -0.029836 0.017418 -1.713 0.087

L5.Conduct 9.308570 64.764597 0.144 0.886

L5.Water 774.225401 1117.799197 0.693 0.489

L5.Temp 728.598491 664.061149 1.097 0.273

L5.Prep. horaria -0.006397 0.038915 -0.164 0.869

L5.Temp. prom aire -0.011496 0.017418 -0.660 0.509

L6.Conduct -5.333178 64.769269 -0.082 0.934

L6.Water -1536.750917 1131.503959 -1.358 0.174

L6.Temp -766.497065 668.051735 -1.147 0.251

L6.Prep. horaria 0.017081 0.038916 0.439 0.661

L6.Temp. prom aire 0.016414 0.017417 0.942 0.346

L7.Conduct -2.912968 64.766101 -0.045 0.964

L7.Water 1509.533590 1130.721400 1.335 0.182

L7.Temp 695.531523 668.072621 1.041 0.298

L7.Prep. horaria 0.018327 0.038917 0.471 0.638

L7.Temp. prom aire -0.032807 0.017420 -1.883 0.060

L8.Conduct -0.895732 64.756539 -0.014 0.989

L8.Water -1464.461251 1132.558171 -1.293 0.196

L8.Temp -670.508785 669.394677 -1.002 0.317

L8.Prep. horaria 0.027614 0.038940 0.709 0.478

L8.Temp. prom aire 0.012389 0.017421 0.711 0.477

L9.Conduct 27.113685 64.752037 0.419 0.675

L9.Water 1429.653476 1135.188076 1.259 0.208

L9.Temp 819.356626 670.744275 1.222 0.222

L9.Prep. horaria -0.030337 0.038954 -0.779 0.436

L9.Temp. prom aire 0.011384 0.017424 0.653 0.514

L10.Conduct -45.854326 64.749963 -0.708 0.479

L10.Water -1338.949379 1137.139007 -1.177 0.239

L10.Temp -895.765570 671.817806 -1.333 0.182

L10.Prep. horaria -0.038932 0.038964 -0.999 0.318

L10.Temp. prom aire 0.000556 0.017421 0.032 0.975

L11.Conduct 30.156853 64.748628 0.466 0.641

L11.Water 1291.163893 1138.480344 1.134 0.257

L11.Temp 554.204653 672.271714 0.824 0.410

L11.Prep. horaria 0.005381 0.038986 0.138 0.890

L11.Temp. prom aire -0.021788 0.017421 -1.251 0.211

L12.Conduct -0.057815 64.746939 -0.001 0.999

L12.Water -691.491245 1138.107728 -0.608 0.543

L12.Temp -31.320879 671.756313 -0.047 0.963

L12.Prep. horaria 0.009726 0.038986 0.249 0.803

L12.Temp. prom aire 0.020727 0.017421 1.190 0.234

L13.Conduct -13.654470 64.746735 -0.211 0.833

L13.Water -280.760968 1136.339462 -0.247 0.805

L13.Temp -154.559421 670.737439 -0.230 0.818

L13.Prep. horaria -0.002707 0.038990 -0.069 0.945

L13.Temp. prom aire -0.023269 0.017424 -1.335 0.182

L14.Conduct 9.420985 64.745150 0.146 0.884

L14.Water 267.313744 1134.453963 0.236 0.814

L14.Temp -149.875094 669.812156 -0.224 0.823

L14.Prep. horaria -0.014690 0.038985 -0.377 0.706

L14.Temp. prom aire 0.028052 0.017425 1.610 0.107

L15.Conduct -28.391849 64.737992 -0.439 0.661

L15.Water 525.133236 1133.255762 0.463 0.643

L15.Temp 351.362800 669.314906 0.525 0.600

L15.Prep. horaria 0.023551 0.038961 0.604 0.546

L15.Temp. prom aire -0.024850 0.017426 -1.426 0.154

L16.Conduct 40.212114 64.675165 0.622 0.534

L16.Water -427.261515 1133.465392 -0.377 0.706

L16.Temp -79.783220 669.691470 -0.119 0.905

L16.Prep. horaria -0.009456 0.038950 -0.243 0.808

L16.Temp. prom aire -0.008106 0.017430 -0.465 0.642

L17.Conduct -43.989255 64.559429 -0.681 0.496

L17.Water -523.352633 1134.991474 -0.461 0.645

L17.Temp -336.968202 670.671236 -0.502 0.615

L17.Prep. horaria 0.005818 0.038929 0.149 0.881

L17.Temp. prom aire 0.021424 0.017429 1.229 0.219

L18.Conduct 97.384335 64.552042 1.509 0.131

L18.Water 971.590125 1136.774985 0.855 0.393

L18.Temp 533.607009 671.838207 0.794 0.427

L18.Prep. horaria 0.001559 0.038906 0.040 0.968

L18.Temp. prom aire -0.014788 0.017426 -0.849 0.396

L19.Conduct -105.491798 64.544652 -1.634 0.102

L19.Water -508.929763 1138.841758 -0.447 0.655

L19.Temp -117.553104 672.659756 -0.175 0.861

L19.Prep. horaria -0.031576 0.038904 -0.812 0.417

L19.Temp. prom aire 0.020828 0.017427 1.195 0.232

L20.Conduct 35.473653 64.539725 0.550 0.583

L20.Water -437.463237 1132.828469 -0.386 0.699

L20.Temp -580.015844 662.869398 -0.875 0.382

L20.Prep. horaria -0.016552 0.038913 -0.425 0.671

L20.Temp. prom aire -0.010782 0.017427 -0.619 0.536

L21.Conduct 4.830847 64.477759 0.075 0.940

L21.Water 1052.226095 1061.654627 0.991 0.322

L21.Temp 802.792280 592.753060 1.354 0.176

L21.Prep. horaria 0.018130 0.038910 0.466 0.641

L21.Temp. prom aire 0.022964 0.017427 1.318 0.188

L22.Conduct -5.558087 63.166189 -0.088 0.930

L22.Water -809.130306 803.044815 -1.008 0.314

L22.Temp -622.471085 412.083854 -1.511 0.131

L22.Prep. horaria 0.015885 0.038908 0.408 0.683

L22.Temp. prom aire 0.027490 0.017416 1.578 0.114

L23.Conduct 2.391635 45.296499 0.053 0.958

L23.Water 264.111139 387.219685 0.682 0.495

L23.Temp 337.038986 186.846011 1.804 0.071

L23.Prep. horaria 0.028522 0.038618 0.739 0.460

L23.Temp. prom aire 0.168089 0.016427 10.233 0.000

L24.Conduct -0.237331 13.944178 -0.017 0.986

L24.Water -25.714228 83.446607 -0.308 0.758

L24.Temp -87.212823 39.918011 -2.185 0.029

L24.Prep. horaria -0.038388 0.033616 -1.142 0.253

L24.Temp. prom aire -0.132845 0.009234 -14.387 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.399587 -0.291395 -0.012500 0.007448

Water 0.399587 1.000000 -0.755825 0.004027 0.012794

Temp -0.291395 -0.755825 1.000000 -0.001849 -0.022519

Precip. horaria -0.012500 0.004027 -0.001849 1.000000 -0.024951

Temp. prom aire 0.007448 0.012794 -0.022519 -0.024951 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -55.4160

Nobs: 11665.0 HQIC: -55.6696

Log likelihood: 243287. FPE: 5.85166e-25

AIC: -55.7979 Det(Omega\_mle): 5.55739e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000132 0.000036 3.638 0.000

L1.Conduct 2.899384 0.009193 315.387 0.000

L1.Water 2.656132 NAN NAN NAN

L1.Temp -0.057731 0.011441 -5.046 0.000

L1.Prep. horaria 0.000021 0.000015 1.443 0.149

L1.Temp. prom aire -0.000002 0.000004 -0.548 0.584

L2.Conduct -2.560752 0.028068 -91.234 0.000

L2.Water -12.183411 NAN NAN NAN

L2.Temp 0.355404 0.023830 14.914 0.000

L2.Prep. horaria 0.000102 0.000017 5.994 0.000

L2.Temp. prom aire 0.000001 0.000007 0.082 0.934

L3.Conduct 0.400572 0.036429 10.996 0.000

L3.Water 25.169935 NAN NAN NAN

L3.Temp -0.870990 NAN NAN NAN

L3.Prep. horaria -0.000066 0.000017 -3.869 0.000

L3.Temp. prom aire 0.000003 0.000008 0.391 0.696

L4.Conduct 0.205116 0.036515 5.617 0.000

L4.Water -35.347329 NAN NAN NAN

L4.Temp 1.271465 NAN NAN NAN

L4.Prep. horaria 0.000012 0.000017 0.672 0.502

L4.Temp. prom aire -0.000004 0.000008 -0.546 0.585

L5.Conduct 0.053603 0.036315 1.476 0.140

L5.Water 46.575719 NAN NAN NAN

L5.Temp -1.625640 NAN NAN NAN

L5.Prep. horaria 0.000003 0.000017 0.177 0.860

L5.Temp. prom aire 0.000008 0.000008 1.048 0.294

L6.Conduct 0.071905 0.036601 1.965 0.049

L6.Water -63.660252 1.393124 -45.696 0.000

L6.Temp 2.257448 0.079805 28.287 0.000

L6.Prep. horaria 0.000005 0.000017 0.318 0.750

L6.Temp. prom aire -0.000008 0.000008 -1.089 0.276

L7.Conduct -0.115834 0.036616 -3.164 0.002

L7.Water 78.136372 NAN NAN NAN

L7.Temp -2.868713 0.045203 -63.463 0.000

L7.Prep. horaria 0.000003 0.000017 0.160 0.873

L7.Temp. prom aire -0.000003 0.000008 -0.421 0.673

L8.Conduct 0.085468 0.034989 2.443 0.015

L8.Water -75.826688 NAN NAN NAN

L8.Temp 2.857761 NAN NAN NAN

L8.Prep. horaria 0.000019 0.000017 1.131 0.258

L8.Temp. prom aire 0.000012 0.000008 1.500 0.134

L9.Conduct -0.025102 0.034025 -0.738 0.461

L9.Water 55.058787 NAN NAN NAN

L9.Temp -2.131079 NAN NAN NAN

L9.Prep. horaria -0.000008 0.000017 -0.493 0.622

L9.Temp. prom aire -0.000002 0.000008 -0.276 0.783

L10.Conduct -0.003093 0.035617 -0.087 0.931

L10.Water -27.361985 NAN NAN NAN

L10.Temp 1.122092 0.010057 111.574 0.000

L10.Prep. horaria 0.000005 0.000017 0.294 0.768

L10.Temp. prom aire -0.000010 0.000008 -1.332 0.183

L11.Conduct -0.006283 0.036592 -0.172 0.864

L11.Water -0.499207 0.583754 -0.855 0.392

L11.Temp -0.124678 0.067422 -1.849 0.064

L11.Prep. horaria -0.000009 0.000017 -0.526 0.599

L11.Temp. prom aire 0.000011 0.000008 1.374 0.169

L12.Conduct -0.008986 0.036716 -0.245 0.807

L12.Water 29.513178 NAN NAN NAN

L12.Temp -0.953741 0.034591 -27.572 0.000

L12.Prep. horaria -0.000013 0.000017 -0.744 0.457

L12.Temp. prom aire -0.000006 0.000008 -0.757 0.449

L13.Conduct 0.009830 0.036441 0.270 0.787

L13.Water -54.001939 NAN NAN NAN

L13.Temp 1.942815 0.044720 43.444 0.000

L13.Prep. horaria 0.000017 0.000017 1.010 0.312

L13.Temp. prom aire 0.000003 0.000008 0.409 0.682

L14.Conduct -0.014030 0.035677 -0.393 0.694

L14.Water 62.314654 0.562369 110.807 0.000

L14.Temp -2.323387 0.067121 -34.615 0.000

L14.Prep. horaria -0.000017 0.000017 -0.970 0.332

L14.Temp. prom aire 0.000003 0.000008 0.344 0.731

L15.Conduct 0.014124 0.035665 0.396 0.692

L15.Water -52.895110 NAN NAN NAN

L15.Temp 2.003780 NAN NAN NAN

L15.Prep. horaria -0.000000 0.000017 -0.005 0.996

L15.Temp. prom aire -0.000007 0.000008 -0.954 0.340

L16.Conduct -0.014580 0.036389 -0.401 0.689

L16.Water 36.460958 NAN NAN NAN

L16.Temp -1.404087 NAN NAN NAN

L16.Prep. horaria 0.000001 0.000017 0.046 0.963

L16.Temp. prom aire 0.000002 0.000008 0.298 0.766

L17.Conduct 0.012179 0.036483 0.334 0.739

L17.Water -21.757487 NAN NAN NAN

L17.Temp 0.856654 NAN NAN NAN

L17.Prep. horaria -0.000023 0.000017 -1.354 0.176

L17.Temp. prom aire 0.000003 0.000008 0.395 0.693

L18.Conduct -0.027497 0.036486 -0.754 0.451

L18.Water 9.973036 1.213596 8.218 0.000

L18.Temp -0.415073 0.073361 -5.658 0.000

L18.Prep. horaria 0.000048 0.000017 2.767 0.006

L18.Temp. prom aire -0.000003 0.000008 -0.440 0.660

L19.Conduct 0.031647 0.036448 0.868 0.385

L19.Water -0.852280 NAN NAN NAN

L19.Temp 0.057924 0.064785 0.894 0.371

L19.Prep. horaria -0.000031 0.000017 -1.794 0.073

L19.Temp. prom aire 0.000001 0.000008 0.090 0.928

L20.Conduct -0.031713 0.036445 -0.870 0.384

L20.Water -4.445141 NAN NAN NAN

L20.Temp 0.158454 NAN NAN NAN

L20.Prep. horaria -0.000030 0.000017 -1.725 0.085

L20.Temp. prom aire 0.000001 0.000008 0.173 0.862

L21.Conduct 0.014475 0.036434 0.397 0.691

L21.Water 5.249003 NAN NAN NAN

L21.Temp -0.191566 NAN NAN NAN

L21.Prep. horaria 0.000009 0.000017 0.528 0.598

L21.Temp. prom aire 0.000001 0.000008 0.115 0.909

L22.Conduct 0.072388 0.036233 1.998 0.046

L22.Water -3.156927 NAN NAN NAN

L22.Temp 0.130869 NAN NAN NAN

L22.Prep. horaria -0.000012 0.000017 -0.713 0.476

L22.Temp. prom aire -0.000002 0.000008 -0.212 0.832

L23.Conduct -0.085763 0.027712 -3.095 0.002

L23.Water 1.011894 NAN NAN NAN

L23.Temp -0.065070 NAN NAN NAN

L23.Prep. horaria 0.000017 0.000017 1.019 0.308

L23.Temp. prom aire 0.000003 0.000007 0.417 0.677

L24.Conduct 0.022939 0.008952 2.562 0.010

L24.Water -0.131912 NAN NAN NAN

L24.Temp 0.017085 0.009062 1.885 0.059

L24.Prep. horaria -0.000024 0.000015 -1.601 0.109

L24.Temp. prom aire -0.000002 0.000004 -0.574 0.566

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000004 0.000002 1.790 0.074

L1.Conduct 0.001762 0.000622 2.833 0.005

L1.Water 5.570710 NAN NAN NAN

L1.Temp -0.085982 0.000774 -111.109 0.000

L1.Prep. horaria 0.000001 0.000001 0.597 0.551

L1.Temp. prom aire 0.000000 0.000000 0.351 0.725

L2.Conduct -0.002685 0.001898 -1.414 0.157

L2.Water -13.795451 NAN NAN NAN

L2.Temp 0.386679 0.001612 239.909 0.000

L2.Prep. horaria -0.000000 0.000001 -0.139 0.889

L2.Temp. prom aire -0.000001 0.000000 -1.298 0.194

L3.Conduct -0.001240 0.002464 -0.503 0.615

L3.Water 20.478302 NAN NAN NAN

L3.Temp -0.730364 NAN NAN NAN

L3.Prep. horaria 0.000001 0.000001 0.645 0.519

L3.Temp. prom aire 0.000000 0.000001 0.884 0.376

L4.Conduct 0.003942 0.002470 1.596 0.110

L4.Water -21.178309 NAN NAN NAN

L4.Temp 0.800748 NAN NAN NAN

L4.Prep. horaria 0.000004 0.000001 3.033 0.002

L4.Temp. prom aire 0.000000 0.000001 0.386 0.700

L5.Conduct -0.003728 0.002456 -1.518 0.129

L5.Water 17.267868 NAN NAN NAN

L5.Temp -0.649219 NAN NAN NAN

L5.Prep. horaria -0.000004 0.000001 -3.488 0.000

L5.Temp. prom aire -0.000000 0.000001 -0.280 0.780

L6.Conduct 0.003566 0.002476 1.440 0.150

L6.Water -12.244703 0.094227 -129.949 0.000

L6.Temp 0.473638 0.005398 87.746 0.000

L6.Prep. horaria 0.000000 0.000001 0.261 0.794

L6.Temp. prom aire 0.000000 0.000001 0.744 0.457

L7.Conduct -0.002822 0.002477 -1.140 0.254

L7.Water 7.602209 NAN NAN NAN

L7.Temp -0.302400 0.003057 -98.907 0.000

L7.Prep. horaria -0.000000 0.000001 -0.338 0.736

L7.Temp. prom aire -0.000001 0.000001 -1.576 0.115

L8.Conduct 0.003498 0.002367 1.478 0.139

L8.Water -3.447855 NAN NAN NAN

L8.Temp 0.142432 NAN NAN NAN

L8.Prep. horaria -0.000002 0.000001 -1.750 0.080

L8.Temp. prom aire 0.000001 0.000001 1.099 0.272

L9.Conduct -0.002564 0.002301 -1.114 0.265

L9.Water 0.126245 NAN NAN NAN

L9.Temp -0.016670 NAN NAN NAN

L9.Prep. horaria 0.000003 0.000001 2.301 0.021

L9.Temp. prom aire -0.000000 0.000001 -0.596 0.551

L10.Conduct -0.001783 0.002409 -0.740 0.459

L10.Water 1.817914 NAN NAN NAN

L10.Temp -0.062396 0.000680 -91.728 0.000

L10.Prep. horaria -0.000000 0.000001 -0.275 0.783

L10.Temp. prom aire 0.000000 0.000001 0.355 0.723

L11.Conduct 0.004051 0.002475 1.637 0.102

L11.Water -2.416281 0.039484 -61.197 0.000

L11.Temp 0.087147 0.004560 19.110 0.000

L11.Prep. horaria -0.000002 0.000001 -2.107 0.035

L11.Temp. prom aire 0.000000 0.000001 0.600 0.548

L12.Conduct -0.001759 0.002483 -0.708 0.479

L12.Water 2.244936 NAN NAN NAN

L12.Temp -0.083166 0.002340 -35.546 0.000

L12.Prep. horaria 0.000002 0.000001 1.479 0.139

L12.Temp. prom aire -0.000001 0.000001 -1.658 0.097

L13.Conduct 0.001383 0.002465 0.561 0.575

L13.Water -1.781277 NAN NAN NAN

L13.Temp 0.068856 0.003025 22.764 0.000

L13.Prep. horaria -0.000003 0.000001 -2.427 0.015

L13.Temp. prom aire 0.000001 0.000001 1.824 0.068

L14.Conduct -0.009295 0.002413 -3.852 0.000

L14.Water 1.189142 0.038037 31.263 0.000

L14.Temp -0.045159 0.004540 -9.947 0.000

L14.Prep. horaria 0.000003 0.000001 2.491 0.013

L14.Temp. prom aire -0.000001 0.000001 -0.961 0.337

L15.Conduct 0.013994 0.002412 5.801 0.000

L15.Water -0.485753 NAN NAN NAN

L15.Temp 0.019836 NAN NAN NAN

L15.Prep. horaria 0.000001 0.000001 1.040 0.298

L15.Temp. prom aire 0.000000 0.000001 0.277 0.782

L16.Conduct -0.007632 0.002461 -3.101 0.002

L16.Water -0.306732 NAN NAN NAN

L16.Temp 0.007852 NAN NAN NAN

L16.Prep. horaria -0.000000 0.000001 -0.138 0.890

L16.Temp. prom aire -0.000000 0.000001 -0.123 0.902

L17.Conduct 0.002971 0.002468 1.204 0.229

L17.Water 1.080744 NAN NAN NAN

L17.Temp -0.038036 NAN NAN NAN

L17.Prep. horaria -0.000001 0.000001 -0.480 0.631

L17.Temp. prom aire 0.000000 0.000001 0.417 0.677

L18.Conduct -0.004993 0.002468 -2.023 0.043

L18.Water -1.712502 0.082084 -20.863 0.000

L18.Temp 0.060813 0.004962 12.256 0.000

L18.Prep. horaria 0.000002 0.000001 2.013 0.044

L18.Temp. prom aire -0.000001 0.000001 -1.151 0.250

L19.Conduct 0.002031 0.002465 0.824 0.410

L19.Water 2.202783 NAN NAN NAN

L19.Temp -0.079319 0.004382 -18.101 0.000

L19.Prep. horaria 0.000001 0.000001 1.117 0.264

L19.Temp. prom aire 0.000000 0.000001 0.740 0.459

L20.Conduct 0.007194 0.002465 2.918 0.004

L20.Water -2.501355 NAN NAN NAN

L20.Temp 0.091962 NAN NAN NAN

L20.Prep. horaria -0.000003 0.000001 -2.208 0.027

L20.Temp. prom aire 0.000000 0.000001 0.528 0.597

L21.Conduct -0.011999 0.002464 -4.869 0.000

L21.Water 2.227818 NAN NAN NAN

L21.Temp -0.082490 NAN NAN NAN

L21.Prep. horaria -0.000004 0.000001 -3.376 0.001

L21.Temp. prom aire -0.000001 0.000001 -1.097 0.273

L22.Conduct 0.012411 0.002451 5.064 0.000

L22.Water -1.295065 NAN NAN NAN

L22.Temp 0.053538 NAN NAN NAN

L22.Prep. horaria 0.000004 0.000001 3.511 0.000

L22.Temp. prom aire 0.000000 0.000001 0.799 0.424

L23.Conduct -0.009434 0.001874 -5.033 0.000

L23.Water 0.402706 NAN NAN NAN

L23.Temp -0.023149 NAN NAN NAN

L23.Prep. horaria 0.000005 0.000001 4.351 0.000

L23.Temp. prom aire 0.000000 0.000000 0.234 0.815

L24.Conduct 0.003133 0.000605 5.174 0.000

L24.Water -0.046092 NAN NAN NAN

L24.Temp 0.004848 0.000613 7.909 0.000

L24.Prep. horaria -0.000006 0.000001 -6.359 0.000

L24.Temp. prom aire -0.000000 0.000000 -0.516 0.606

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000008 0.000026 0.323 0.747

L1.Conduct -0.011375 0.006580 -1.729 0.084

L1.Water 0.338089 NAN NAN NAN

L1.Temp 3.224803 0.008189 393.794 0.000

L1.Prep. horaria 0.000004 0.000011 0.403 0.687

L1.Temp. prom aire -0.000001 0.000003 -0.478 0.632

L2.Conduct 0.030444 0.020090 1.515 0.130

L2.Water -1.819970 NAN NAN NAN

L2.Temp -3.201072 0.017056 -187.678 0.000

L2.Prep. horaria 0.000002 0.000012 0.123 0.902

L2.Temp. prom aire -0.000007 0.000005 -1.279 0.201

L3.Conduct -0.020375 0.026074 -0.781 0.435

L3.Water 4.240189 NAN NAN NAN

L3.Temp 0.484028 NAN NAN NAN

L3.Prep. horaria 0.000002 0.000012 0.150 0.881

L3.Temp. prom aire 0.000004 0.000006 0.712 0.477

L4.Conduct -0.006335 0.026136 -0.242 0.808

L4.Water -5.738485 NAN NAN NAN

L4.Temp 0.545746 NAN NAN NAN

L4.Prep. horaria 0.000001 0.000012 0.077 0.939

L4.Temp. prom aire 0.000004 0.000006 0.775 0.439

L5.Conduct 0.003431 0.025992 0.132 0.895

L5.Water 5.292924 NAN NAN NAN

L5.Temp -0.057717 NAN NAN NAN

L5.Prep. horaria 0.000001 0.000012 0.077 0.939

L5.Temp. prom aire -0.000002 0.000006 -0.418 0.676

L6.Conduct 0.007292 0.026197 0.278 0.781

L6.Water -3.847294 0.997135 -3.858 0.000

L6.Temp 0.177357 0.057121 3.105 0.002

L6.Prep. horaria 0.000005 0.000012 0.367 0.714

L6.Temp. prom aire 0.000007 0.000006 1.270 0.204

L7.Conduct -0.001214 0.026208 -0.046 0.963

L7.Water 2.386165 NAN NAN NAN

L7.Temp -0.126420 0.032354 -3.907 0.000

L7.Prep. horaria 0.000002 0.000012 0.166 0.868

L7.Temp. prom aire -0.000009 0.000006 -1.623 0.105

L8.Conduct -0.003261 0.025044 -0.130 0.896

L8.Water -1.155577 NAN NAN NAN

L8.Temp -0.000267 NAN NAN NAN

L8.Prep. horaria 0.000002 0.000012 0.161 0.872

L8.Temp. prom aire 0.000006 0.000006 1.090 0.276

L9.Conduct 0.003611 0.024353 0.148 0.882

L9.Water 0.268824 NAN NAN NAN

L9.Temp -0.059327 NAN NAN NAN

L9.Prep. horaria 0.000000 0.000012 0.006 0.995

L9.Temp. prom aire -0.000006 0.000006 -1.041 0.298

L10.Conduct 0.000391 0.025493 0.015 0.988

L10.Water 0.200425 NAN NAN NAN

L10.Temp -0.024846 0.007198 -3.452 0.001

L10.Prep. horaria -0.000003 0.000012 -0.255 0.799

L10.Temp. prom aire 0.000000 0.000006 0.033 0.974

L11.Conduct -0.001430 0.026191 -0.055 0.956

L11.Water -0.318381 0.417825 -0.762 0.446

L11.Temp 0.007537 0.048258 0.156 0.876

L11.Prep. horaria -0.000003 0.000012 -0.260 0.795

L11.Temp. prom aire 0.000004 0.000006 0.672 0.501

L12.Conduct -0.001604 0.026280 -0.061 0.951

L12.Water 0.218025 NAN NAN NAN

L12.Temp 0.009272 0.024759 0.374 0.708

L12.Prep. horaria -0.000002 0.000012 -0.155 0.877

L12.Temp. prom aire -0.000006 0.000006 -1.042 0.297

L13.Conduct -0.002097 0.026083 -0.080 0.936

L13.Water 0.010671 NAN NAN NAN

L13.Temp 0.026821 0.032009 0.838 0.402

L13.Prep. horaria -0.000001 0.000012 -0.067 0.946

L13.Temp. prom aire 0.000008 0.000006 1.374 0.170

L14.Conduct -0.000601 0.025536 -0.024 0.981

L14.Water -0.229702 0.402519 -0.571 0.568

L14.Temp 0.020900 0.048042 0.435 0.664

L14.Prep. horaria 0.000003 0.000012 0.209 0.834

L14.Temp. prom aire -0.000004 0.000006 -0.697 0.486

L15.Conduct 0.001903 0.025527 0.075 0.941

L15.Water 0.254886 NAN NAN NAN

L15.Temp -0.006451 NAN NAN NAN

L15.Prep. horaria 0.000001 0.000012 0.086 0.932

L15.Temp. prom aire 0.000000 0.000006 0.043 0.966

L16.Conduct -0.000887 0.026046 -0.034 0.973

L16.Water -0.143910 NAN NAN NAN

L16.Temp -0.012430 NAN NAN NAN

L16.Prep. horaria 0.000001 0.000012 0.079 0.937

L16.Temp. prom aire 0.000001 0.000006 0.141 0.888

L17.Conduct 0.004835 0.026113 0.185 0.853

L17.Water 0.078415 NAN NAN NAN

L17.Temp -0.022608 NAN NAN NAN

L17.Prep. horaria -0.000000 0.000012 -0.026 0.979

L17.Temp. prom aire -0.000000 0.000006 -0.022 0.983

L18.Conduct -0.000884 0.026115 -0.034 0.973

L18.Water -0.001563 0.868638 -0.002 0.999

L18.Temp -0.014947 0.052509 -0.285 0.776

L18.Prep. horaria -0.000002 0.000012 -0.135 0.893

L18.Temp. prom aire -0.000002 0.000006 -0.373 0.709

L19.Conduct -0.000326 0.026088 -0.012 0.990

L19.Water -0.236849 NAN NAN NAN

L19.Temp -0.002977 0.046370 -0.064 0.949

L19.Prep. horaria -0.000002 0.000012 -0.142 0.887

L19.Temp. prom aire -0.000000 0.000006 -0.044 0.965

L20.Conduct -0.001752 0.026086 -0.067 0.946

L20.Water 0.584310 NAN NAN NAN

L20.Temp -0.002323 NAN NAN NAN

L20.Prep. horaria -0.000002 0.000012 -0.125 0.900

L20.Temp. prom aire 0.000001 0.000006 0.254 0.800

L21.Conduct -0.001351 0.026078 -0.052 0.959

L21.Water -0.777645 NAN NAN NAN

L21.Temp 0.085834 NAN NAN NAN

L21.Prep. horaria -0.000001 0.000012 -0.089 0.929

L21.Temp. prom aire 0.000000 0.000006 0.066 0.947

L22.Conduct 0.006350 0.025934 0.245 0.807

L22.Water 0.607330 NAN NAN NAN

L22.Temp 0.078344 NAN NAN NAN

L22.Prep. horaria 0.000001 0.000012 0.042 0.966

L22.Temp. prom aire -0.000001 0.000006 -0.134 0.894

L23.Conduct -0.008988 0.019835 -0.453 0.650

L23.Water -0.253282 NAN NAN NAN

L23.Temp -0.230387 NAN NAN NAN

L23.Prep. horaria -0.000002 0.000012 -0.163 0.871

L23.Temp. prom aire 0.000007 0.000005 1.287 0.198

L24.Conduct 0.004225 0.006407 0.659 0.510

L24.Water 0.042406 NAN NAN NAN

L24.Temp 0.101133 0.006486 15.593 0.000

L24.Prep. horaria -0.000006 0.000011 -0.562 0.574

L24.Temp. prom aire -0.000004 0.000003 -1.227 0.220

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Results for equation Prep. horaria

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coefficient std. error t-stat prob

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const -0.051256 0.022719 -2.256 0.024

L1.Conduct 16.693399 5.770347 2.893 0.004

L1.Water -100.654286 NAN NAN NAN

L1.Temp 1.841277 7.181411 0.256 0.798

L1.Prep. horaria 0.575337 0.009298 61.875 0.000

L1.Temp. prom aire -0.001095 0.002569 -0.426 0.670

L2.Conduct -28.328980 17.617805 -1.608 0.108

L2.Water 539.897761 NAN NAN NAN

L2.Temp -17.401435 14.957408 -1.163 0.245

L2.Prep. horaria 0.147000 0.010695 13.744 0.000

L2.Temp. prom aire 0.007259 0.004553 1.594 0.111

L3.Conduct 1.997219 22.865963 0.087 0.930

L3.Water -836.768561 NAN NAN NAN

L3.Temp 36.788615 NAN NAN NAN

L3.Prep. horaria 0.005638 0.010774 0.523 0.601

L3.Temp. prom aire -0.005166 0.004827 -1.070 0.285

L4.Conduct 4.428183 22.920033 0.193 0.847

L4.Water -571.297497 NAN NAN NAN

L4.Temp 7.128510 NAN NAN NAN

L4.Prep. horaria -0.026203 0.010813 -2.423 0.015

L4.Temp. prom aire 0.002216 0.004832 0.459 0.647

L5.Conduct 9.331639 22.794088 0.409 0.682

L5.Water 3742.010079 NAN NAN NAN

L5.Temp -131.345735 NAN NAN NAN

L5.Prep. horaria -0.002969 0.010812 -0.275 0.784

L5.Temp. prom aire -0.003956 0.004831 -0.819 0.413

L6.Conduct -1.059431 22.973800 -0.046 0.963

L6.Water -6014.167478 874.438708 -6.878 0.000

L6.Temp 225.668419 50.092454 4.505 0.000

L6.Prep. horaria 0.008554 0.010809 0.791 0.429

L6.Temp. prom aire 0.004605 0.004829 0.954 0.340

L7.Conduct 5.287974 22.982987 0.230 0.818

L7.Water 5797.990284 NAN NAN NAN

L7.Temp -219.420320 28.373109 -7.733 0.000

L7.Prep. horaria 0.037269 0.010798 3.452 0.001

L7.Temp. prom aire -0.003438 0.004830 -0.712 0.477

L8.Conduct -25.398383 21.962237 -1.156 0.247

L8.Water -4435.687223 NAN NAN NAN

L8.Temp 173.132652 NAN NAN NAN

L8.Prep. horaria -0.041742 0.010812 -3.861 0.000

L8.Temp. prom aire 0.003278 0.004832 0.678 0.498

L9.Conduct 26.664462 21.356665 1.249 0.212

L9.Water 3439.680838 NAN NAN NAN

L9.Temp -137.125932 NAN NAN NAN

L9.Prep. horaria 0.034220 0.010822 3.162 0.002

L9.Temp. prom aire -0.003561 0.004833 -0.737 0.461

L10.Conduct -1.547289 22.355951 -0.069 0.945

L10.Water -3219.784125 NAN NAN NAN

L10.Temp 118.678261 6.312561 18.800 0.000

L10.Prep. horaria 0.047461 0.010825 4.384 0.000

L10.Temp. prom aire 0.004117 0.004832 0.852 0.394

L11.Conduct -0.498459 22.968402 -0.022 0.983

L11.Water 3970.932767 366.412209 10.837 0.000

L11.Temp -140.636981 42.319713 -3.323 0.001

L11.Prep. horaria -0.010388 0.010834 -0.959 0.338

L11.Temp. prom aire -0.000576 0.004831 -0.119 0.905

L12.Conduct -29.668611 23.045976 -1.287 0.198

L12.Water -5783.877397 NAN NAN NAN

L12.Temp 206.564426 21.712145 9.514 0.000

L12.Prep. horaria 0.029980 0.010822 2.770 0.006

L12.Temp. prom aire -0.003696 0.004832 -0.765 0.444

L13.Conduct 31.155842 22.873283 1.362 0.173

L13.Water 7950.842117 NAN NAN NAN

L13.Temp -289.909520 28.070096 -10.328 0.000

L13.Prep. horaria -0.004599 0.010822 -0.425 0.671

L13.Temp. prom aire 0.003450 0.004832 0.714 0.475

L14.Conduct -11.665774 22.393586 -0.521 0.602

L14.Water -8837.879910 352.989038 -25.037 0.000

L14.Temp 332.118994 42.130706 7.883 0.000

L14.Prep. horaria -0.018639 0.010827 -1.721 0.085

L14.Temp. prom aire 0.002042 0.004832 0.423 0.673

L15.Conduct 2.243860 22.386158 0.100 0.920

L15.Water 7287.898735 NAN NAN NAN

L15.Temp -279.196085 NAN NAN NAN

L15.Prep. horaria 0.014985 0.010818 1.385 0.166

L15.Temp. prom aire -0.004286 0.004833 -0.887 0.375

L16.Conduct 0.498356 22.840688 0.022 0.983

L16.Water -3893.158903 NAN NAN NAN

L16.Temp 157.028497 NAN NAN NAN

L16.Prep. horaria -0.020743 0.010775 -1.925 0.054

L16.Temp. prom aire 0.002478 0.004834 0.513 0.608

L17.Conduct 2.164536 22.899437 0.095 0.925

L17.Water 614.643414 NAN NAN NAN

L17.Temp -31.950777 NAN NAN NAN

L17.Prep. horaria 0.007667 0.010808 0.709 0.478

L17.Temp. prom aire -0.000426 0.004833 -0.088 0.930

L18.Conduct -3.570521 22.901332 -0.156 0.876

L18.Water 662.168719 761.752658 0.869 0.385

L18.Temp -24.477704 46.047576 -0.532 0.595

L18.Prep. horaria 0.005836 0.010803 0.540 0.589

L18.Temp. prom aire 0.000255 0.004834 0.053 0.958

L19.Conduct 1.538806 22.877784 0.067 0.946

L19.Water -159.336811 NAN NAN NAN

L19.Temp 0.516786 40.664613 0.013 0.990

L19.Prep. horaria -0.013057 0.010803 -1.209 0.227

L19.Temp. prom aire -0.003258 0.004833 -0.674 0.500

L20.Conduct -3.932253 22.875756 -0.172 0.864

L20.Water -6.771394 NAN NAN NAN

L20.Temp 6.176375 NAN NAN NAN

L20.Prep. horaria -0.012682 0.010803 -1.174 0.240

L20.Temp. prom aire 0.008020 0.004831 1.660 0.097

L21.Conduct 6.718306 22.868746 0.294 0.769

L21.Water -800.392642 NAN NAN NAN

L21.Temp 30.558258 NAN NAN NAN

L21.Prep. horaria -0.012780 0.010789 -1.185 0.236

L21.Temp. prom aire -0.005044 0.004834 -1.044 0.297

L22.Conduct 5.085528 22.742824 0.224 0.823

L22.Water 1161.863714 NAN NAN NAN

L22.Temp -35.941727 NAN NAN NAN

L22.Prep. horaria 0.000157 0.010761 0.015 0.988

L22.Temp. prom aire 0.001076 0.004829 0.223 0.824

L23.Conduct -15.200225 17.394311 -0.874 0.382

L23.Water -636.230014 NAN NAN NAN

L23.Temp 11.525872 NAN NAN NAN

L23.Prep. horaria 0.034919 0.010694 3.265 0.001

L23.Temp. prom aire -0.002354 0.004555 -0.517 0.605

L24.Conduct 7.061487 5.618877 1.257 0.209

L24.Water 128.080045 NAN NAN NAN

L24.Temp -0.321071 5.687859 -0.056 0.955

L24.Prep. horaria -0.021299 0.009308 -2.288 0.022

L24.Temp. prom aire 0.000603 0.002570 0.235 0.815

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.322651 0.081640 3.952 0.000

L1.Conduct -28.888815 20.735255 -1.393 0.164

L1.Water 210.617038 NAN NAN NAN

L1.Temp -12.549341 25.805794 -0.486 0.627

L1.Prep. horaria 0.042427 0.033413 1.270 0.204

L1.Temp. prom aire 1.460991 0.009232 158.254 0.000

L2.Conduct 52.317189 63.308096 0.826 0.409

L2.Water -1049.661493 NAN NAN NAN

L2.Temp -20.245936 53.748185 -0.377 0.706

L2.Prep. horaria 0.017726 0.038433 0.461 0.645

L2.Temp. prom aire -0.619267 0.016360 -37.852 0.000

L3.Conduct -5.025907 82.166909 -0.061 0.951

L3.Water 2758.567169 NAN NAN NAN

L3.Temp 183.256389 NAN NAN NAN

L3.Prep. horaria -0.012428 0.038716 -0.321 0.748

L3.Temp. prom aire 0.076543 0.017346 4.413 0.000

L4.Conduct -13.256823 82.361207 -0.161 0.872

L4.Water -5384.004044 NAN NAN NAN

L4.Temp -178.782423 NAN NAN NAN

L4.Prep. horaria -0.003336 0.038856 -0.086 0.932

L4.Temp. prom aire -0.029666 0.017362 -1.709 0.088

L5.Conduct -13.862567 81.908632 -0.169 0.866

L5.Water 8325.156169 NAN NAN NAN

L5.Temp -220.905097 NAN NAN NAN

L5.Prep. horaria -0.008125 0.038853 -0.209 0.834

L5.Temp. prom aire -0.011835 0.017359 -0.682 0.495

L6.Conduct 11.030388 82.554412 0.134 0.894

L6.Water -10122.194675 3142.221720 -3.221 0.001

L6.Temp 495.914142 180.003008 2.755 0.006

L6.Prep. horaria 0.013787 0.038842 0.355 0.723

L6.Temp. prom aire 0.017445 0.017352 1.005 0.315

L7.Conduct -19.107173 82.587424 -0.231 0.817

L7.Water 9658.156438 NAN NAN NAN

L7.Temp -459.969237 101.956374 -4.511 0.000

L7.Prep. horaria 0.015901 0.038801 0.410 0.682

L7.Temp. prom aire -0.032661 0.017356 -1.882 0.060

L8.Conduct 37.834533 78.919447 0.479 0.632

L8.Water -7118.873798 NAN NAN NAN

L8.Temp 458.023668 NAN NAN NAN

L8.Prep. horaria 0.027657 0.038853 0.712 0.477

L8.Temp. prom aire 0.011813 0.017362 0.680 0.496

L9.Conduct -57.916379 76.743373 -0.755 0.450

L9.Water 3842.920365 NAN NAN NAN

L9.Temp -223.535441 NAN NAN NAN

L9.Prep. horaria -0.034877 0.038887 -0.897 0.370

L9.Temp. prom aire 0.011239 0.017365 0.647 0.518

L10.Conduct 59.097478 80.334224 0.736 0.462

L10.Water -931.511619 NAN NAN NAN

L10.Temp -62.969109 22.683656 -2.776 0.006

L10.Prep. horaria -0.039956 0.038898 -1.027 0.304

L10.Temp. prom aire 0.001484 0.017362 0.085 0.932

L11.Conduct -30.575703 82.535015 -0.370 0.711

L11.Water -1664.393815 1316.671359 -1.264 0.206

L11.Temp -82.339167 152.072317 -0.541 0.588

L11.Prep. horaria 0.002306 0.038932 0.059 0.953

L11.Temp. prom aire -0.021481 0.017361 -1.237 0.216

L12.Conduct 1.800117 82.813769 0.022 0.983

L12.Water 4650.361180 NAN NAN NAN

L12.Temp 16.419613 78.020761 0.210 0.833

L12.Prep. horaria 0.001129 0.038888 0.029 0.977

L12.Temp. prom aire 0.020524 0.017362 1.182 0.237

L13.Conduct 21.031398 82.193213 0.256 0.798

L13.Water -8926.453128 NAN NAN NAN

L13.Temp 385.683958 100.867520 3.824 0.000

L13.Prep. horaria -0.005091 0.038889 -0.131 0.896

L13.Temp. prom aire -0.023238 0.017364 -1.338 0.181

L14.Conduct -20.135894 80.469463 -0.250 0.802

L14.Water 14132.323469 1268.436326 11.142 0.000

L14.Temp -604.771965 151.393138 -3.995 0.000

L14.Prep. horaria -0.016885 0.038907 -0.434 0.664

L14.Temp. prom aire 0.028049 0.017365 1.615 0.106

L15.Conduct 37.817865 80.442771 0.470 0.638

L15.Water -17273.134678 NAN NAN NAN

L15.Temp 650.462492 NAN NAN NAN

L15.Prep. horaria 0.015268 0.038875 0.393 0.695

L15.Temp. prom aire -0.023817 0.017368 -1.371 0.170

L16.Conduct -50.702505 82.076085 -0.618 0.537

L16.Water 15171.603323 NAN NAN NAN

L16.Temp -594.212220 NAN NAN NAN

L16.Prep. horaria -0.018196 0.038720 -0.470 0.638

L16.Temp. prom aire -0.009294 0.017369 -0.535 0.593

L17.Conduct 56.950530 82.287196 0.692 0.489

L17.Water -8848.756706 NAN NAN NAN

L17.Temp 468.707554 NAN NAN NAN

L17.Prep. horaria 0.002921 0.038837 0.075 0.940

L17.Temp. prom aire 0.021743 0.017368 1.252 0.211

L18.Conduct -135.121082 82.294003 -1.642 0.101

L18.Water 2581.111555 2737.293908 0.943 0.346

L18.Temp -192.883708 165.468081 -1.166 0.244

L18.Prep. horaria -0.002010 0.038818 -0.052 0.959

L18.Temp. prom aire -0.013816 0.017369 -0.795 0.426

L19.Conduct 133.846879 82.209388 1.628 0.103

L19.Water 1159.818973 NAN NAN NAN

L19.Temp -9.011598 146.124856 -0.062 0.951

L19.Prep. horaria -0.034464 0.038820 -0.888 0.375

L19.Temp. prom aire 0.020429 0.017365 1.176 0.239

L20.Conduct -32.559482 82.202101 -0.396 0.692

L20.Water -2379.300746 NAN NAN NAN

L20.Temp -54.867867 NAN NAN NAN

L20.Prep. horaria -0.015350 0.038819 -0.395 0.693

L20.Temp. prom aire -0.010446 0.017361 -0.602 0.547

L21.Conduct 3.073135 82.176909 0.037 0.970

L21.Water 1816.104945 NAN NAN NAN

L21.Temp 89.255038 NAN NAN NAN

L21.Prep. horaria 0.018440 0.038768 0.476 0.634

L21.Temp. prom aire 0.024397 0.017369 1.405 0.160

L22.Conduct 6.468096 81.724418 0.079 0.937

L22.Water -783.465148 NAN NAN NAN

L22.Temp -124.107593 NAN NAN NAN

L22.Prep. horaria 0.018399 0.038667 0.476 0.634

L22.Temp. prom aire 0.027362 0.017354 1.577 0.115

L23.Conduct -27.546760 62.504989 -0.441 0.659

L23.Water 207.843490 NAN NAN NAN

L23.Temp 160.150017 NAN NAN NAN

L23.Prep. horaria 0.031599 0.038427 0.822 0.411

L23.Temp. prom aire 0.165851 0.016369 10.132 0.000

L24.Conduct 13.432780 20.190962 0.665 0.506

L24.Water -32.839447 NAN NAN NAN

L24.Temp -66.710469 20.438843 -3.264 0.001

L24.Prep. horaria -0.039867 0.033449 -1.192 0.233

L24.Temp. prom aire -0.127389 0.009237 -13.791 0.000

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Correlation matrix of residuals

Conduct Water Temp Prep. horaria Temp. prom aire

Conduct 1.000000 0.128552 0.091498 0.035759 -0.012363

Water 0.128552 1.000000 0.297806 0.010543 -0.012059

Temp 0.091498 0.297806 1.000000 0.002653 -0.019273

Precip. horaria 0.035759 0.010543 0.002653 1.000000 -0.022867

Temp. prom aire -0.012363 -0.012059 -0.019273 -0.022867 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -56.8082

Nobs: 11665.0 HQIC: -57.0618

Log likelihood: 251407. FPE: 1.45430e-25

AIC: -57.1901 Det(Omega\_mle): 1.38116e-25

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000203 0.000052 3.898 0.000

L1.Conduct 4.089526 0.018447 221.694 0.000

L1.Water 9.152668 0.176092 51.977 0.000

L1.Temp -1.903617 0.031216 -60.982 0.000

L1.Precip. horaria 0.000001 0.000016 0.062 0.951

L1.Temp. prom aire 0.000001 0.000004 0.179 0.858

L2.Conduct -6.265855 0.079061 -79.254 0.000

L2.Water -47.161951 0.765556 -61.605 0.000

L2.Temp 7.028905 0.120236 58.459 0.000

L2.Precip. horaria 0.000032 0.000019 1.711 0.087

L2.Temp. prom aire -0.000010 0.000008 -1.265 0.206

L3.Conduct 3.968077 0.129644 30.607 0.000

L3.Water 104.692101 1.231238 85.030 0.000

L3.Temp -9.508698 0.190245 -49.981 0.000

L3.Precip. horaria -0.000065 0.000019 -3.398 0.001

L3.Temp. prom aire 0.000007 0.000008 0.828 0.407

L4.Conduct -0.247621 0.067293 -3.680 0.000

L4.Water -133.360674 0.482828 -276.208 0.000

L4.Temp 6.024354 0.148223 40.644 0.000

L4.Precip. horaria 0.000057 0.000019 2.964 0.003

L4.Temp. prom aire -0.000000 0.000009 -0.014 0.989

L5.Conduct -0.677245 NAN NAN NAN

L5.Water 112.473385 0.505188 222.637 0.000

L5.Temp -3.169983 NAN NAN NAN

L5.Precip. horaria -0.000011 0.000019 -0.595 0.552

L5.Temp. prom aire -0.000001 0.000009 -0.121 0.904

L6.Conduct -0.076645 NAN NAN NAN

L6.Water -72.426051 1.574178 -46.009 0.000

L6.Temp 2.997154 NAN NAN NAN

L6.Precip. horaria 0.000023 0.000019 1.230 0.219

L6.Temp. prom aire 0.000005 0.000009 0.546 0.585

L7.Conduct 0.272437 NAN NAN NAN

L7.Water 41.595203 1.366600 30.437 0.000

L7.Temp -2.099257 NAN NAN NAN

L7.Precip. horaria 0.000005 0.000019 0.242 0.809

L7.Temp. prom aire -0.000005 0.000009 -0.593 0.553

L8.Conduct 0.000373 NAN NAN NAN

L8.Water -22.641608 0.840128 -26.950 0.000

L8.Temp 0.906191 NAN NAN NAN

L8.Precip. horaria 0.000008 0.000019 0.406 0.685

L8.Temp. prom aire 0.000011 0.000009 1.327 0.185

L9.Conduct -0.064465 0.047829 -1.348 0.178

L9.Water 11.385376 0.986455 11.542 0.000

L9.Temp -0.382831 0.125331 -3.055 0.002

L9.Precip. horaria 0.000014 0.000019 0.712 0.476

L9.Temp. prom aire -0.000015 0.000009 -1.797 0.072

L10.Conduct -0.039769 0.077044 -0.516 0.606

L10.Water -7.238243 1.008694 -7.176 0.000

L10.Temp 0.306389 0.166847 1.836 0.066

L10.Precip. horaria -0.000017 0.000019 -0.912 0.362

L10.Temp. prom aire 0.000001 0.000009 0.090 0.928

L11.Conduct 0.001418 0.078256 0.018 0.986

L11.Water 9.417105 0.844385 11.153 0.000

L11.Temp -0.377344 0.166812 -2.262 0.024

L11.Precip. horaria -0.000020 0.000019 -1.038 0.299

L11.Temp. prom aire 0.000011 0.000009 1.263 0.206

L12.Conduct 0.103358 0.064631 1.599 0.110

L12.Water -13.105170 0.789757 -16.594 0.000

L12.Temp 0.343717 0.147565 2.329 0.020

L12.Precip. horaria 0.000034 0.000019 1.757 0.079

L12.Temp. prom aire -0.000013 0.000009 -1.509 0.131

L13.Conduct -0.028851 0.048386 -0.596 0.551

L13.Water 12.853266 0.793531 16.198 0.000

L13.Temp -0.444166 0.129075 -3.441 0.001

L13.Precip. horaria -0.000009 0.000019 -0.478 0.633

L13.Temp. prom aire 0.000015 0.000009 1.708 0.088

L14.Conduct -0.107562 0.027213 -3.953 0.000

L14.Water -8.545211 0.783820 -10.902 0.000

L14.Temp 0.503332 0.113759 4.425 0.000

L14.Precip. horaria 0.000007 0.000019 0.342 0.732

L14.Temp. prom aire -0.000009 0.000009 -1.062 0.288

L15.Conduct 0.097390 NAN NAN NAN

L15.Water 3.449829 0.811068 4.253 0.000

L15.Temp -0.289914 0.101862 -2.846 0.004

L15.Precip. horaria 0.000010 0.000019 0.511 0.609

L15.Temp. prom aire -0.000002 0.000009 -0.280 0.779

L16.Conduct -0.045043 NAN NAN NAN

L16.Water 1.515655 0.752760 2.013 0.044

L16.Temp 0.020920 0.099277 0.211 0.833

L16.Precip. horaria 0.000001 0.000019 0.074 0.941

L16.Temp. prom aire 0.000005 0.000009 0.620 0.535

L17.Conduct 0.070159 0.062650 1.120 0.263

L17.Water -6.544591 0.499047 -13.114 0.000

L17.Temp 0.121268 0.123657 0.981 0.327

L17.Precip. horaria -0.000015 0.000019 -0.796 0.426

L17.Temp. prom aire 0.000000 0.000009 0.004 0.997

L18.Conduct -0.073553 0.101196 -0.727 0.467

L18.Water 9.642008 NAN NAN NAN

L18.Temp -0.265960 0.163377 -1.628 0.104

L18.Precip. horaria 0.000016 0.000019 0.815 0.415

L18.Temp. prom aire -0.000003 0.000009 -0.407 0.684

L19.Conduct 0.092047 0.088641 1.038 0.299

L19.Water -9.576672 NAN NAN NAN

L19.Temp 0.228364 0.169743 1.345 0.179

L19.Precip. horaria -0.000027 0.000019 -1.413 0.158

L19.Temp. prom aire 0.000002 0.000009 0.241 0.810

L20.Conduct -0.161355 0.031138 -5.182 0.000

L20.Water 7.520030 0.494584 15.205 0.000

L20.Temp -0.029940 0.134043 -0.223 0.823

L20.Precip. horaria 0.000034 0.000019 1.790 0.074

L20.Temp. prom aire 0.000002 0.000009 0.239 0.811

L21.Conduct -0.166873 0.078334 -2.130 0.033

L21.Water -3.791128 1.848149 -2.051 0.040

L21.Temp 0.452598 0.125753 3.599 0.000

L21.Precip. horaria -0.000001 0.000019 -0.075 0.940

L21.Temp. prom aire -0.000005 0.000009 -0.576 0.565

L22.Conduct 0.749683 0.102520 7.313 0.000

L22.Water -0.246688 1.762187 -0.140 0.889

L22.Temp -0.992260 0.143886 -6.896 0.000

L22.Precip. horaria -0.000031 0.000019 -1.645 0.100

L22.Temp. prom aire -0.000000 0.000009 -0.024 0.981

L23.Conduct -0.699661 0.060332 -11.597 0.000

L23.Water 1.471242 0.861166 1.708 0.088

L23.Temp 0.690315 0.098819 6.986 0.000

L23.Precip. horaria 0.000014 0.000019 0.720 0.471

L23.Temp. prom aire 0.000008 0.000008 0.987 0.324

L24.Conduct 0.210028 0.014004 14.997 0.000

L24.Water -0.529881 0.175571 -3.018 0.003

L24.Temp -0.159543 0.027483 -5.805 0.000

L24.Precip. horaria -0.000026 0.000016 -1.599 0.110

L24.Temp. prom aire -0.000003 0.000004 -0.584 0.559

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000008 0.000003 2.436 0.015

L1.Conduct 0.002999 0.001121 2.675 0.007

L1.Water 5.420558 0.010702 506.514 0.000

L1.Temp -0.093451 0.001897 -49.260 0.000

L1.Precip. horaria 0.000000 0.000001 0.401 0.689

L1.Temp. prom aire 0.000000 0.000000 0.095 0.924

L2.Conduct -0.015517 0.004805 -3.230 0.001

L2.Water -12.939418 0.046525 -278.116 0.000

L2.Temp 0.408809 0.007307 55.947 0.000

L2.Precip. horaria -0.000003 0.000001 -2.341 0.019

L2.Temp. prom aire -0.000000 0.000000 -0.915 0.360

L3.Conduct 0.031080 0.007879 3.945 0.000

L3.Water 18.324688 0.074826 244.897 0.000

L3.Temp -0.737346 0.011562 -63.774 0.000

L3.Precip. horaria -0.000000 0.000001 -0.251 0.802

L3.Temp. prom aire 0.000001 0.000001 1.062 0.288

L4.Conduct -0.028751 0.004090 -7.030 0.000

L4.Water -17.919396 0.029343 -610.688 0.000

L4.Temp 0.750283 0.009008 83.291 0.000

L4.Precip. horaria 0.000004 0.000001 3.092 0.002

L4.Temp. prom aire -0.000000 0.000001 -0.239 0.811

L5.Conduct 0.012090 NAN NAN NAN

L5.Water 13.678775 0.030702 445.536 0.000

L5.Temp -0.549790 NAN NAN NAN

L5.Precip. horaria -0.000005 0.000001 -4.235 0.000

L5.Temp. prom aire -0.000000 0.000001 -0.536 0.592

L6.Conduct -0.006408 NAN NAN NAN

L6.Water -8.860763 0.095668 -92.620 0.000

L6.Temp 0.363176 NAN NAN NAN

L6.Precip. horaria 0.000001 0.000001 1.121 0.262

L6.Temp. prom aire 0.000000 0.000001 0.753 0.451

L7.Conduct 0.008662 NAN NAN NAN

L7.Water 4.921858 0.083053 59.262 0.000

L7.Temp -0.211208 NAN NAN NAN

L7.Precip. horaria -0.000001 0.000001 -0.792 0.428

L7.Temp. prom aire -0.000000 0.000001 -0.396 0.692

L8.Conduct -0.004027 NAN NAN NAN

L8.Water -2.367988 0.051057 -46.379 0.000

L8.Temp 0.100317 NAN NAN NAN

L8.Precip. horaria -0.000001 0.000001 -1.274 0.203

L8.Temp. prom aire 0.000000 0.000001 0.831 0.406

L9.Conduct 0.001673 0.002907 0.575 0.565

L9.Water 1.306155 0.059950 21.787 0.000

L9.Temp -0.053479 0.007617 -7.021 0.000

L9.Precip. horaria 0.000004 0.000001 3.079 0.002

L9.Temp. prom aire -0.000001 0.000001 -1.427 0.154

L10.Conduct -0.004279 0.004682 -0.914 0.361

L10.Water -1.457001 0.061302 -23.768 0.000

L10.Temp 0.059012 0.010140 5.820 0.000

L10.Precip. horaria -0.000000 0.000001 -0.297 0.766

L10.Temp. prom aire 0.000000 0.000001 0.164 0.870

L11.Conduct -0.000237 0.004756 -0.050 0.960

L11.Water 2.336772 0.051316 45.537 0.000

L11.Temp -0.086975 0.010138 -8.579 0.000

L11.Precip. horaria -0.000005 0.000001 -4.206 0.000

L11.Temp. prom aire 0.000000 0.000001 0.770 0.441

L12.Conduct 0.006005 0.003928 1.529 0.126

L12.Water -3.279778 0.047996 -68.334 0.000

L12.Temp 0.115198 0.008968 12.846 0.000

L12.Precip. horaria 0.000003 0.000001 2.775 0.006

L12.Temp. prom aire -0.000000 0.000001 -0.217 0.828

L13.Conduct -0.002214 0.002941 -0.753 0.452

L13.Water 3.665358 0.048225 76.005 0.000

L13.Temp -0.137600 0.007844 -17.541 0.000

L13.Precip. horaria -0.000003 0.000001 -2.381 0.017

L13.Temp. prom aire 0.000000 0.000001 0.508 0.611

L14.Conduct -0.004169 0.001654 -2.521 0.012

L14.Water -3.235230 0.047635 -67.917 0.000

L14.Temp 0.133784 0.006914 19.351 0.000

L14.Precip. horaria 0.000002 0.000001 1.633 0.103

L14.Temp. prom aire -0.000001 0.000001 -1.392 0.164

L15.Conduct 0.008721 NAN NAN NAN

L15.Water 2.066996 0.049291 41.934 0.000

L15.Temp -0.097021 0.006190 -15.673 0.000

L15.Precip. horaria 0.000001 0.000001 0.813 0.416

L15.Temp. prom aire 0.000000 0.000001 0.894 0.371

L16.Conduct -0.014539 NAN NAN NAN

L16.Water -0.565729 0.045748 -12.366 0.000

L16.Temp 0.047129 0.006033 7.811 0.000

L16.Precip. horaria 0.000001 0.000001 1.074 0.283

L16.Temp. prom aire 0.000000 0.000001 0.270 0.787

L17.Conduct 0.016063 0.003807 4.219 0.000

L17.Water -0.605356 0.030329 -19.960 0.000

L17.Temp -0.002860 0.007515 -0.381 0.704

L17.Precip. horaria -0.000000 0.000001 -0.342 0.732

L17.Temp. prom aire -0.000000 0.000001 -0.150 0.880

L18.Conduct -0.010058 0.006150 -1.635 0.102

L18.Water 1.071197 NAN NAN NAN

L18.Temp -0.025615 0.009929 -2.580 0.010

L18.Precip. horaria 0.000001 0.000001 0.546 0.585

L18.Temp. prom aire -0.000000 0.000001 -0.641 0.522

L19.Conduct 0.004660 0.005387 0.865 0.387

L19.Water -0.959772 NAN NAN NAN

L19.Temp 0.030766 0.010316 2.982 0.003

L19.Precip. horaria -0.000002 0.000001 -1.514 0.130

L19.Temp. prom aire 0.000000 0.000001 0.349 0.727

L20.Conduct -0.000916 0.001892 -0.484 0.628

L20.Water 0.499755 0.030057 16.627 0.000

L20.Temp -0.018905 0.008146 -2.321 0.020

L20.Precip. horaria 0.000005 0.000001 4.046 0.000

L20.Temp. prom aire -0.000000 0.000001 -0.077 0.939

L21.Conduct -0.009872 0.004761 -2.074 0.038

L21.Water -0.030309 0.112318 -0.270 0.787

L21.Temp 0.016953 0.007642 2.218 0.027

L21.Precip. horaria 0.000001 0.000001 0.866 0.386

L21.Temp. prom aire 0.000000 0.000001 0.001 0.999

L22.Conduct 0.020392 0.006230 3.273 0.001

L22.Water -0.099679 0.107094 -0.931 0.352

L22.Temp -0.023706 0.008744 -2.711 0.007

L22.Precip. horaria -0.000003 0.000001 -2.240 0.025

L22.Temp. prom aire 0.000000 0.000001 0.190 0.849

L23.Conduct -0.015650 0.003667 -4.268 0.000

L23.Water 0.018441 0.052336 0.352 0.725

L23.Temp 0.016754 0.006006 2.790 0.005

L23.Precip. horaria -0.000001 0.000001 -0.689 0.491

L23.Temp. prom aire 0.000000 0.000000 0.269 0.788

L24.Conduct 0.004292 0.000851 5.043 0.000

L24.Water 0.009865 0.010670 0.925 0.355

L24.Temp -0.004225 0.001670 -2.529 0.011

L24.Precip. horaria -0.000003 0.000001 -2.517 0.012

L24.Temp. prom aire -0.000000 0.000000 -0.485 0.628

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000021 0.000022 0.947 0.343

L1.Conduct -0.015154 0.007808 -1.941 0.052

L1.Water 0.458339 0.074538 6.149 0.000

L1.Temp 3.103161 0.013213 234.851 0.000

L1.Precip. horaria 0.000003 0.000007 0.377 0.706

L1.Temp. prom aire -0.000001 0.000002 -0.554 0.579

L2.Conduct 0.052290 0.033465 1.563 0.118

L2.Water -2.104828 0.324050 -6.495 0.000

L2.Temp -2.933899 0.050894 -57.647 0.000

L2.Precip. horaria 0.000000 0.000008 0.015 0.988

L2.Temp. prom aire -0.000004 0.000003 -1.266 0.206

L3.Conduct -0.060310 0.054877 -1.099 0.272

L3.Water 4.116100 0.521167 7.898 0.000

L3.Temp 0.432045 0.080528 5.365 0.000

L3.Precip. horaria 0.000002 0.000008 0.274 0.784

L3.Temp. prom aire 0.000002 0.000004 0.565 0.572

L4.Conduct 0.018090 0.028484 0.635 0.525

L4.Water -4.720479 0.204375 -23.097 0.000

L4.Temp 0.405471 0.062741 6.463 0.000

L4.Precip. horaria 0.000001 0.000008 0.150 0.880

L4.Temp. prom aire 0.000002 0.000004 0.605 0.545

L5.Conduct 0.011141 NAN NAN NAN

L5.Water 3.934265 0.213839 18.398 0.000

L5.Temp -0.061473 NAN NAN NAN

L5.Precip. horaria 0.000000 0.000008 0.055 0.956

L5.Temp. prom aire -0.000002 0.000004 -0.458 0.647

L6.Conduct -0.006996 NAN NAN NAN

L6.Water -2.807036 0.666329 -4.213 0.000

L6.Temp 0.161941 NAN NAN NAN

L6.Precip. horaria 0.000002 0.000008 0.310 0.756

L6.Temp. prom aire 0.000005 0.000004 1.401 0.161

L7.Conduct 0.002547 NAN NAN NAN

L7.Water 1.709512 0.578464 2.955 0.003

L7.Temp -0.075556 NAN NAN NAN

L7.Precip. horaria 0.000001 0.000008 0.090 0.929

L7.Temp. prom aire -0.000005 0.000004 -1.507 0.132

L8.Conduct -0.001679 NAN NAN NAN

L8.Water -0.833303 0.355615 -2.343 0.019

L8.Temp 0.021487 NAN NAN NAN

L8.Precip. horaria 0.000001 0.000008 0.144 0.885

L8.Temp. prom aire 0.000004 0.000004 1.083 0.279

L9.Conduct -0.001646 0.020245 -0.081 0.935

L9.Water 0.391751 0.417554 0.938 0.348

L9.Temp -0.038578 0.053051 -0.727 0.467

L9.Precip. horaria 0.000001 0.000008 0.123 0.902

L9.Temp. prom aire -0.000003 0.000004 -0.971 0.332

L10.Conduct 0.006215 0.032612 0.191 0.849

L10.Water -0.380985 0.426967 -0.892 0.372

L10.Temp -0.011623 0.070624 -0.165 0.869

L10.Precip. horaria -0.000001 0.000008 -0.153 0.878

L10.Temp. prom aire 0.000000 0.000004 0.110 0.913

L11.Conduct -0.005651 0.033125 -0.171 0.865

L11.Water 0.621232 0.357417 1.738 0.082

L11.Temp -0.023426 0.070609 -0.332 0.740

L11.Precip. horaria -0.000001 0.000008 -0.147 0.883

L11.Temp. prom aire 0.000003 0.000004 0.695 0.487

L12.Conduct -0.005228 0.027358 -0.191 0.848

L12.Water -0.878814 0.334294 -2.629 0.009

L12.Temp 0.037787 0.062462 0.605 0.545

L12.Precip. horaria 0.000000 0.000008 0.040 0.968

L12.Temp. prom aire -0.000004 0.000004 -1.040 0.298

L13.Conduct 0.012820 0.020481 0.626 0.531

L13.Water 1.070119 0.335891 3.186 0.001

L13.Temp -0.055030 0.054636 -1.007 0.314

L13.Precip. horaria -0.000001 0.000008 -0.099 0.921

L13.Temp. prom aire 0.000004 0.000004 1.176 0.240

L14.Conduct -0.008632 0.011519 -0.749 0.454

L14.Water -1.128360 0.331781 -3.401 0.001

L14.Temp 0.059480 0.048153 1.235 0.217

L14.Precip. horaria 0.000001 0.000008 0.170 0.865

L14.Temp. prom aire -0.000003 0.000004 -0.760 0.447

L15.Conduct -0.000734 NAN NAN NAN

L15.Water 0.959429 0.343315 2.795 0.005

L15.Temp -0.032080 0.043117 -0.744 0.457

L15.Precip. horaria -0.000000 0.000008 -0.036 0.971

L15.Temp. prom aire 0.000000 0.000004 0.029 0.977

L16.Conduct 0.006090 NAN NAN NAN

L16.Water -0.599418 0.318633 -1.881 0.060

L16.Temp 0.010091 0.042023 0.240 0.810

L16.Precip. horaria -0.000001 0.000008 -0.185 0.853

L16.Temp. prom aire 0.000000 0.000004 0.055 0.956

L17.Conduct 0.003115 0.026519 0.117 0.906

L17.Water 0.172418 0.211240 0.816 0.414

L17.Temp -0.018252 0.052343 -0.349 0.727

L17.Precip. horaria -0.000003 0.000008 -0.339 0.735

L17.Temp. prom aire 0.000000 0.000004 0.067 0.947

L18.Conduct -0.014789 0.042835 -0.345 0.730

L18.Water 0.092578 NAN NAN NAN

L18.Temp 0.010213 0.069155 0.148 0.883

L18.Precip. horaria -0.000003 0.000008 -0.427 0.669

L18.Temp. prom aire -0.000001 0.000004 -0.190 0.849

L19.Conduct 0.007790 0.037521 0.208 0.836

L19.Water -0.038368 NAN NAN NAN

L19.Temp -0.014389 0.071850 -0.200 0.841

L19.Precip. horaria -0.000004 0.000008 -0.456 0.648

L19.Temp. prom aire 0.000000 0.000004 0.131 0.896

L20.Conduct 0.004751 0.013180 0.360 0.719

L20.Water -0.161585 0.209351 -0.772 0.440

L20.Temp 0.011582 0.056738 0.204 0.838

L20.Precip. horaria -0.000002 0.000008 -0.224 0.823

L20.Temp. prom aire 0.000001 0.000004 0.224 0.823

L21.Conduct -0.004777 0.033158 -0.144 0.885

L21.Water 0.281373 0.782297 0.360 0.719

L21.Temp 0.037085 0.053230 0.697 0.486

L21.Precip. horaria -0.000004 0.000008 -0.442 0.659

L21.Temp. prom aire -0.000000 0.000004 -0.075 0.940

L22.Conduct -0.000509 0.043396 -0.012 0.991

L22.Water -0.262865 0.745911 -0.352 0.725

L22.Temp 0.098062 0.060905 1.610 0.107

L22.Precip. horaria -0.000003 0.000008 -0.391 0.696

L22.Temp. prom aire -0.000001 0.000004 -0.198 0.843

L23.Conduct 0.002066 0.025538 0.081 0.936

L23.Water 0.140300 0.364520 0.385 0.700

L23.Temp -0.221091 0.041829 -5.286 0.000

L23.Precip. horaria -0.000003 0.000008 -0.369 0.712

L23.Temp. prom aire 0.000003 0.000003 0.768 0.443

L24.Conduct -0.000810 0.005928 -0.137 0.891

L24.Water -0.031373 0.074317 -0.422 0.673

L24.Temp 0.096989 0.011633 8.337 0.000

L24.Precip. horaria -0.000006 0.000007 -0.876 0.381

L24.Temp. prom aire 0.000000 0.000002 0.033 0.974

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.088694 0.029384 -3.018 0.003

L1.Conduct 16.544396 10.429196 1.586 0.113

L1.Water -227.872845 99.557308 -2.289 0.022

L1.Temp -12.140422 17.648573 -0.688 0.492

L1.Precip. horaria 0.568551 0.009295 61.170 0.000

L1.Temp. prom aire -0.001633 0.002534 -0.644 0.519

L2.Conduct -60.417819 44.698555 -1.352 0.176

L2.Water 615.418547 432.822364 1.422 0.155

L2.Temp 55.392674 67.977761 0.815 0.415

L2.Precip. horaria 0.147174 0.010672 13.791 0.000

L2.Temp. prom aire 0.007278 0.004526 1.608 0.108

L3.Conduct 70.743389 73.296931 0.965 0.334

L3.Water 308.926118 696.105020 0.444 0.657

L3.Temp -104.720740 107.558878 -0.974 0.330

L3.Precip. horaria 0.008142 0.010776 0.756 0.450

L3.Temp. prom aire -0.005209 0.004802 -1.085 0.278

L4.Conduct -10.424195 38.045216 -0.274 0.784

L4.Water -3225.496184 272.976237 -11.816 0.000

L4.Temp 135.763612 83.800648 1.620 0.105

L4.Precip. horaria -0.027081 0.010780 -2.512 0.012

L4.Temp. prom aire 0.002313 0.004806 0.481 0.630

L5.Conduct -31.402495 NAN NAN NAN

L5.Water 5623.197687 285.617972 19.688 0.000

L5.Temp -176.106200 NAN NAN NAN

L5.Precip. horaria -0.002120 0.010768 -0.197 0.844

L5.Temp. prom aire -0.003764 0.004807 -0.783 0.434

L6.Conduct 4.700022 NAN NAN NAN

L6.Water -5310.561022 889.993075 -5.967 0.000

L6.Temp 202.105076 NAN NAN NAN

L6.Precip. horaria 0.009577 0.010761 0.890 0.373

L6.Temp. prom aire 0.004362 0.004807 0.907 0.364

L7.Conduct 29.836528 NAN NAN NAN

L7.Water 3480.943060 772.634559 4.505 0.000

L7.Temp -179.969275 NAN NAN NAN

L7.Precip. horaria 0.037264 0.010752 3.466 0.001

L7.Temp. prom aire -0.003754 0.004808 -0.781 0.435

L8.Conduct -42.753456 NAN NAN NAN

L8.Water -2444.834024 474.982940 -5.147 0.000

L8.Temp 159.746963 NAN NAN NAN

L8.Precip. horaria -0.039781 0.010751 -3.700 0.000

L8.Temp. prom aire 0.003492 0.004809 0.726 0.468

L9.Conduct 42.908737 27.041033 1.587 0.113

L9.Water 3336.126807 557.712090 5.982 0.000

L9.Temp -185.950927 70.858216 -2.624 0.009

L9.Precip. horaria 0.033947 0.010757 3.156 0.002

L9.Temp. prom aire -0.003051 0.004808 -0.635 0.526

L10.Conduct -41.414602 43.558195 -0.951 0.342

L10.Water -5675.645391 570.285122 -9.952 0.000

L10.Temp 272.465967 94.330384 2.888 0.004

L10.Precip. horaria 0.046338 0.010767 4.304 0.000

L10.Temp. prom aire 0.003592 0.004807 0.747 0.455

L11.Conduct 58.000484 44.243486 1.311 0.190

L11.Water 8229.511535 477.389839 17.239 0.000

L11.Temp -398.223184 94.310564 -4.222 0.000

L11.Precip. horaria -0.009667 0.010803 -0.895 0.371

L11.Temp. prom aire -0.000653 0.004807 -0.136 0.892

L12.Conduct -67.406432 36.540503 -1.845 0.065

L12.Water -10557.998983 446.504670 -23.646 0.000

L12.Temp 497.407103 83.428552 5.962 0.000

L12.Precip. horaria 0.032340 0.010827 2.987 0.003

L12.Temp. prom aire -0.004009 0.004806 -0.834 0.404

L13.Conduct 52.814082 27.355976 1.931 0.054

L13.Water 12135.897102 448.638430 27.051 0.000

L13.Temp -544.762948 72.975340 -7.465 0.000

L13.Precip. horaria -0.005877 0.010808 -0.544 0.587

L13.Temp. prom aire 0.003638 0.004807 0.757 0.449

L14.Conduct -46.872974 15.385534 -3.047 0.002

L14.Water -11710.861948 443.148384 -26.427 0.000

L14.Temp 528.134889 64.316012 8.212 0.000

L14.Precip. horaria -0.015145 0.010794 -1.403 0.161

L14.Temp. prom aire 0.002227 0.004807 0.463 0.643

L15.Conduct 27.210417 NAN NAN NAN

L15.Water 9484.934986 458.553655 20.684 0.000

L15.Temp -409.848064 57.589793 -7.117 0.000

L15.Precip. horaria 0.016755 0.010781 1.554 0.120

L15.Temp. prom aire -0.004487 0.004806 -0.934 0.351

L16.Conduct -1.705032 NAN NAN NAN

L16.Water -6386.244018 425.587719 -15.006 0.000

L16.Temp 257.475122 56.128398 4.587 0.000

L16.Precip. horaria -0.022320 0.010773 -2.072 0.038

L16.Temp. prom aire 0.002532 0.004808 0.527 0.599

L17.Conduct 33.410361 35.420646 0.943 0.346

L17.Water 2865.386244 282.146300 10.156 0.000

L17.Temp -167.647643 69.912192 -2.398 0.016

L17.Precip. horaria 0.007823 0.010775 0.726 0.468

L17.Temp. prom aire -0.000489 0.004810 -0.102 0.919

L18.Conduct -36.538390 57.212950 -0.639 0.523

L18.Water -1105.839854 NAN NAN NAN

L18.Temp 92.971945 92.368176 1.007 0.314

L18.Precip. horaria 0.010504 0.010785 0.974 0.330

L18.Temp. prom aire 0.000254 0.004808 0.053 0.958

L19.Conduct -36.360553 50.114866 -0.726 0.468

L19.Water 2192.010668 NAN NAN NAN

L19.Temp -33.849870 95.967827 -0.353 0.724

L19.Precip. horaria -0.011497 0.010768 -1.068 0.286

L19.Temp. prom aire -0.003368 0.004809 -0.700 0.484

L20.Conduct 52.786316 17.604261 2.998 0.003

L20.Water -2843.882968 279.622702 -10.170 0.000

L20.Temp 41.663676 75.783687 0.550 0.582

L20.Precip. horaria -0.013244 0.010749 -1.232 0.218

L20.Temp. prom aire 0.008029 0.004809 1.669 0.095

L21.Conduct -13.297792 44.287628 -0.300 0.764

L21.Water 1102.395890 1044.887781 1.055 0.291

L21.Temp -23.754980 71.097093 -0.334 0.738

L21.Precip. horaria -0.012500 0.010757 -1.162 0.245

L21.Temp. prom aire -0.005317 0.004809 -1.106 0.269

L22.Conduct 10.159141 57.961942 0.175 0.861

L22.Water 652.389524 996.287888 0.655 0.513

L22.Temp -36.444484 81.348573 -0.448 0.654

L22.Precip. horaria 0.006956 0.010758 0.647 0.518

L22.Temp. prom aire 0.001465 0.004806 0.305 0.760

L23.Conduct -16.488742 34.109796 -0.483 0.629

L23.Water -734.322909 486.877148 -1.508 0.131

L23.Temp 41.196305 55.869106 0.737 0.461

L23.Precip. horaria 0.038296 0.010662 3.592 0.000

L23.Temp. prom aire -0.002535 0.004529 -0.560 0.576

L24.Conduct 5.968275 7.917711 0.754 0.451

L24.Water 196.427202 99.262706 1.979 0.048

L24.Temp -10.904680 15.537923 -0.702 0.483

L24.Precip. horaria -0.019586 0.009278 -2.111 0.035

L24.Temp. prom aire 0.000796 0.002537 0.314 0.754

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.411473 0.106999 3.846 0.000

L1.Conduct 17.081684 37.977284 0.450 0.653

L1.Water 47.036895 362.531884 0.130 0.897

L1.Temp -55.629631 64.266207 -0.866 0.387

L1.Precip. horaria 0.038513 0.033846 1.138 0.255

L1.Temp. prom aire 1.477056 0.009227 160.073 0.000

L2.Conduct -61.758698 162.767070 -0.379 0.704

L2.Water -407.835990 1576.096313 -0.259 0.796

L2.Temp 43.667349 247.536882 0.176 0.860

L2.Precip. horaria 0.016258 0.038861 0.418 0.676

L2.Temp. prom aire -0.629254 0.016481 -38.181 0.000

L3.Conduct 60.243919 266.906316 0.226 0.821

L3.Water 1834.919054 2534.824094 0.724 0.469

L3.Temp 255.037940 391.669111 0.651 0.515

L3.Precip. horaria -0.019829 0.039239 -0.505 0.613

L3.Temp. prom aire 0.076476 0.017486 4.373 0.000

L4.Conduct 14.445935 138.539339 0.104 0.917

L4.Water -4323.578235 994.026365 -4.350 0.000

L4.Temp -358.152757 305.154962 -1.174 0.241

L4.Precip. horaria -0.002813 0.039253 -0.072 0.943

L4.Temp. prom aire -0.030990 0.017501 -1.771 0.077

L5.Conduct -38.516214 NAN NAN NAN

L5.Water 5498.342352 1040.060474 5.287 0.000

L5.Temp -50.747192 NAN NAN NAN

L5.Precip. horaria -0.009594 0.039213 -0.245 0.807

L5.Temp. prom aire -0.012098 0.017505 -0.691 0.490

L6.Conduct 3.816296 NAN NAN NAN

L6.Water -3966.502192 3240.855652 -1.224 0.221

L6.Temp 298.418436 NAN NAN NAN

L6.Precip. horaria 0.013865 0.039184 0.354 0.723

L6.Temp. prom aire 0.017550 0.017506 1.002 0.316

L7.Conduct -12.632221 NAN NAN NAN

L7.Water 2107.001909 2813.501753 0.749 0.454

L7.Temp -236.203581 NAN NAN NAN

L7.Precip. horaria 0.015424 0.039151 0.394 0.694

L7.Temp. prom aire -0.032253 0.017509 -1.842 0.065

L8.Conduct 52.939478 NAN NAN NAN

L8.Water -1757.916016 1729.621487 -1.016 0.309

L8.Temp 247.318422 NAN NAN NAN

L8.Precip. horaria 0.028847 0.039151 0.737 0.461

L8.Temp. prom aire 0.012735 0.017511 0.727 0.467

L9.Conduct -116.507202 98.468278 -1.183 0.237

L9.Water 2592.826442 2030.874656 1.277 0.202

L9.Temp -8.037982 258.025883 -0.031 0.975

L9.Precip. horaria -0.032487 0.039170 -0.829 0.407

L9.Temp. prom aire 0.011638 0.017508 0.665 0.506

L10.Conduct 176.500918 158.614517 1.113 0.266

L10.Water -4070.344330 2076.658586 -1.960 0.050

L10.Temp -246.601747 343.498356 -0.718 0.473

L10.Precip. horaria -0.040166 0.039206 -1.024 0.306

L10.Temp. prom aire 0.000831 0.017505 0.047 0.962

L11.Conduct -121.056904 161.109962 -0.751 0.452

L11.Water 3635.644360 1738.386062 2.091 0.036

L11.Temp -154.191537 343.426182 -0.449 0.653

L11.Precip. horaria 0.009102 0.039339 0.231 0.817

L11.Temp. prom aire -0.021648 0.017503 -1.237 0.216

L12.Conduct 12.906777 133.060018 0.097 0.923

L12.Water 1555.399124 1625.919598 0.957 0.339

L12.Temp 212.334583 303.799998 0.699 0.485

L12.Precip. horaria 0.006565 0.039427 0.167 0.868

L12.Temp. prom aire 0.020460 0.017501 1.169 0.242

L13.Conduct 0.191938 99.615122 0.002 0.998

L13.Water -9176.512215 1633.689556 -5.617 0.000

L13.Temp 473.552643 265.735261 1.782 0.075

L13.Precip. horaria -0.010844 0.039357 -0.276 0.783

L13.Temp. prom aire -0.024019 0.017505 -1.372 0.170

L14.Conduct 11.740218 56.025486 0.210 0.834

L14.Water 14096.893177 1613.697887 8.736 0.000

L14.Temp -731.451675 234.202847 -3.123 0.002

L14.Precip. horaria -0.017265 0.039304 -0.439 0.660

L14.Temp. prom aire 0.028523 0.017504 1.630 0.103

L15.Conduct 50.088407 NAN NAN NAN

L15.Water -14972.089966 1669.795246 -8.966 0.000

L15.Temp 496.235693 209.709728 2.366 0.018

L15.Precip. horaria 0.026114 0.039258 0.665 0.506

L15.Temp. prom aire -0.024700 0.017501 -1.411 0.158

L16.Conduct -175.721645 NAN NAN NAN

L16.Water 13956.401312 1549.751794 9.006 0.000

L16.Temp -309.012742 204.388147 -1.512 0.131

L16.Precip. horaria -0.014944 0.039230 -0.381 0.703

L16.Temp. prom aire -0.008526 0.017508 -0.487 0.626

L17.Conduct 343.358639 128.982130 2.662 0.008

L17.Water -12091.804544 1027.418590 -11.769 0.000

L17.Temp 126.248919 254.580996 0.496 0.620

L17.Precip. horaria 0.007722 0.039235 0.197 0.844

L17.Temp. prom aire 0.022404 0.017514 1.279 0.201

L18.Conduct -415.103608 208.337477 -1.992 0.046

L18.Water 8809.667784 NAN NAN NAN

L18.Temp 158.224131 336.353093 0.470 0.638

L18.Precip. horaria 0.003802 0.039274 0.097 0.923

L18.Temp. prom aire -0.013406 0.017510 -0.766 0.444

L19.Conduct 269.668457 182.490238 1.478 0.139

L19.Water -4711.403217 NAN NAN NAN

L19.Temp -159.503359 349.461005 -0.456 0.648

L19.Precip. horaria -0.035264 0.039210 -0.899 0.368

L19.Temp. prom aire 0.020598 0.017512 1.176 0.240

L20.Conduct -54.661121 64.104845 -0.853 0.394

L20.Water 1425.694644 1018.229061 1.400 0.161

L20.Temp -156.266725 275.961685 -0.566 0.571

L20.Precip. horaria -0.012760 0.039143 -0.326 0.744

L20.Temp. prom aire -0.012089 0.017513 -0.690 0.490

L21.Conduct -45.520008 161.270705 -0.282 0.778

L21.Water 484.524783 3804.895305 0.127 0.899

L21.Temp 267.363262 258.895739 1.033 0.302

L21.Precip. horaria 0.022242 0.039172 0.568 0.570

L21.Temp. prom aire 0.023682 0.017513 1.352 0.176

L22.Conduct 41.161918 211.064885 0.195 0.845

L22.Water -1130.316080 3627.921749 -0.312 0.755

L22.Temp -291.040408 296.225880 -0.982 0.326

L22.Precip. horaria 0.014177 0.039173 0.362 0.717

L22.Temp. prom aire 0.025916 0.017500 1.481 0.139

L23.Conduct -14.809249 124.208747 -0.119 0.905

L23.Water 745.220147 1772.933524 0.420 0.674

L23.Temp 291.048029 203.443951 1.431 0.153

L23.Precip. horaria 0.029798 0.038824 0.768 0.443

L23.Temp. prom aire 0.165626 0.016494 10.042 0.000

L24.Conduct 2.142189 28.831864 0.074 0.941

L24.Water -181.274633 361.459106 -0.502 0.616

L24.Temp -112.594824 56.580402 -1.990 0.047

L24.Precip. horaria -0.034148 0.033784 -1.011 0.312

L24.Temp. prom aire -0.131589 0.009238 -14.245 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.547257 0.609678 0.029044 -0.012675

Water 0.547257 1.000000 0.231745 0.029707 -0.015109

Temp 0.609678 0.231745 1.000000 0.003743 -0.019768

Precip. horaria 0.029044 0.029707 0.003743 1.000000 -0.023578

Temp. prom aire -0.012675 -0.015109 -0.019768 -0.023578 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.9119

Nobs: 11664.0 HQIC: -54.1656

Log likelihood: 234495. FPE: 2.63299e-24

AIC: -54.2939 Det(Omega\_mle): 2.50057e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000095 0.000026 3.671 0.000

L1.Conduct 3.415389 0.009843 346.987 0.000

L1.Water 2.539802 0.048997 51.836 0.000

L1.Temp 0.056421 0.010406 5.422 0.000

L1.Precip. horaria 0.000015 0.000012 1.254 0.210

L1.Temp. prom aire 0.000002 0.000003 0.614 0.539

L2.Conduct -4.113189 0.035046 -117.366 0.000

L2.Water -10.765831 0.231486 -46.507 0.000

L2.Temp -0.302160 0.036884 -8.192 0.000

L2.Precip. horaria -0.000080 0.000014 -5.678 0.000

L2.Temp. prom aire -0.000001 0.000006 -0.197 0.844

L3.Conduct 1.791145 0.053626 33.401 0.000

L3.Water 18.571069 0.497421 37.335 0.000

L3.Temp 0.696126 0.056264 12.373 0.000

L3.Precip. horaria 0.000073 0.000014 5.116 0.000

L3.Temp. prom aire 0.000001 0.000006 0.202 0.840

L4.Conduct 0.086115 0.056429 1.526 0.127

L4.Water -17.288299 0.686002 -25.202 0.000

L4.Temp -0.876415 0.061889 -14.161 0.000

L4.Precip. horaria -0.000016 0.000014 -1.103 0.270

L4.Temp. prom aire -0.000001 0.000006 -0.096 0.923

L5.Conduct -0.168475 0.056417 -2.986 0.003

L5.Water 10.935641 0.747274 14.634 0.000

L5.Temp 0.659489 0.063569 10.374 0.000

L5.Precip. horaria -0.000011 0.000014 -0.741 0.459

L5.Temp. prom aire -0.000005 0.000006 -0.822 0.411

L6.Conduct 0.005500 0.056439 0.097 0.922

L6.Water -7.178487 0.744289 -9.645 0.000

L6.Temp -0.368931 0.063373 -5.822 0.000

L6.Precip. horaria 0.000007 0.000014 0.470 0.638

L6.Temp. prom aire 0.000006 0.000006 1.013 0.311

L7.Conduct -0.040639 0.056436 -0.720 0.471

L7.Water 5.439888 0.729549 7.457 0.000

L7.Temp 0.247311 0.062839 3.936 0.000

L7.Precip. horaria 0.000016 0.000014 1.150 0.250

L7.Temp. prom aire 0.000000 0.000006 0.042 0.966

L8.Conduct 0.018250 0.056424 0.323 0.746

L8.Water -3.248709 0.724142 -4.486 0.000

L8.Temp -0.171406 0.062689 -2.734 0.006

L8.Precip. horaria 0.000014 0.000014 0.972 0.331

L8.Temp. prom aire -0.000007 0.000006 -1.102 0.270

L9.Conduct 0.018508 0.056421 0.328 0.743

L9.Water 1.324733 0.731555 1.811 0.070

L9.Temp 0.077235 0.062993 1.226 0.220

L9.Precip. horaria 0.000007 0.000014 0.459 0.646

L9.Temp. prom aire 0.000003 0.000006 0.512 0.608

L10.Conduct -0.002394 0.056420 -0.042 0.966

L10.Water -0.414096 0.745093 -0.556 0.578

L10.Temp -0.007463 0.063550 -0.117 0.907

L10.Precip. horaria -0.000011 0.000014 -0.779 0.436

L10.Temp. prom aire 0.000005 0.000006 0.720 0.471

L11.Conduct -0.017213 0.056392 -0.305 0.760

L11.Water -0.414256 0.756626 -0.548 0.584

L11.Temp -0.050733 0.064017 -0.792 0.428

L11.Precip. horaria -0.000004 0.000014 -0.295 0.768

L11.Temp. prom aire -0.000009 0.000006 -1.456 0.146

L12.Conduct -0.018547 0.056386 -0.329 0.742

L12.Water 1.706011 0.762006 2.239 0.025

L12.Temp 0.098133 0.064223 1.528 0.127

L12.Precip. horaria -0.000001 0.000014 -0.040 0.968

L12.Temp. prom aire 0.000012 0.000006 1.900 0.057

L13.Conduct 0.026931 0.056397 0.478 0.633

L13.Water -2.307890 0.761338 -3.031 0.002

L13.Temp -0.107119 0.064157 -1.670 0.095

L13.Precip. horaria -0.000025 0.000014 -1.747 0.081

L13.Temp. prom aire -0.000007 0.000006 -1.088 0.276

L14.Conduct 0.024420 0.056400 0.433 0.665

L14.Water 1.560625 0.755963 2.064 0.039

L14.Temp 0.078223 0.063873 1.225 0.221

L14.Precip. horaria 0.000011 0.000014 0.803 0.422

L14.Temp. prom aire -0.000005 0.000006 -0.816 0.415

L15.Conduct -0.007026 0.056402 -0.125 0.901

L15.Water -0.724686 0.745828 -0.972 0.331

L15.Temp -0.042828 0.063451 -0.675 0.500

L15.Precip. horaria -0.000005 0.000014 -0.384 0.701

L15.Temp. prom aire 0.000008 0.000006 1.305 0.192

L16.Conduct -0.035779 0.056390 -0.634 0.526

L16.Water 0.543976 0.732937 0.742 0.458

L16.Temp 0.026570 0.063004 0.422 0.673

L16.Precip. horaria 0.000003 0.000014 0.201 0.841

L16.Temp. prom aire -0.000001 0.000006 -0.234 0.815

L17.Conduct 0.014081 0.056304 0.250 0.803

L17.Water -0.488630 0.723997 -0.675 0.500

L17.Temp -0.030329 0.062821 -0.483 0.629

L17.Precip. horaria 0.000020 0.000014 1.382 0.167

L17.Temp. prom aire -0.000003 0.000006 -0.484 0.628

L18.Conduct 0.002174 0.056259 0.039 0.969

L18.Water 0.509821 0.727806 0.700 0.484

L18.Temp 0.034984 0.063125 0.554 0.579

L18.Precip. horaria -0.000028 0.000014 -1.957 0.050

L18.Temp. prom aire 0.000000 0.000006 0.045 0.964

L19.Conduct 0.016200 0.056263 0.288 0.773

L19.Water -0.750480 0.743492 -1.009 0.313

L19.Temp -0.045844 0.063697 -0.720 0.472

L19.Precip. horaria 0.000023 0.000014 1.618 0.106

L19.Temp. prom aire 0.000003 0.000006 0.470 0.638

L20.Conduct -0.049940 0.056192 -0.889 0.374

L20.Water 1.083926 0.750342 1.445 0.149

L20.Temp 0.077915 0.063485 1.227 0.220

L20.Precip. horaria 0.000014 0.000014 0.960 0.337

L20.Temp. prom aire -0.000003 0.000006 -0.501 0.617

L21.Conduct -0.077464 0.056152 -1.380 0.168

L21.Water -1.442357 0.692500 -2.083 0.037

L21.Temp -0.079152 0.060304 -1.313 0.189

L21.Precip. horaria -0.000001 0.000014 -0.068 0.945

L21.Temp. prom aire 0.000001 0.000006 0.150 0.881

L22.Conduct 0.322782 0.052600 6.136 0.000

L22.Water 1.423733 0.498725 2.855 0.004

L22.Temp 0.024534 0.053625 0.458 0.647

L22.Precip. horaria 0.000023 0.000014 1.605 0.108

L22.Temp. prom aire -0.000000 0.000006 -0.028 0.977

L23.Conduct -0.295761 0.033077 -8.941 0.000

L23.Water -0.806999 0.225941 -3.572 0.000

L23.Temp 0.013379 0.035406 0.378 0.706

L23.Precip. horaria -0.000023 0.000014 -1.607 0.108

L23.Temp. prom aire -0.000000 0.000006 -0.074 0.941

L24.Conduct 0.084928 0.008906 9.536 0.000

L24.Water 0.191495 0.045855 4.176 0.000

L24.Temp -0.007940 0.010106 -0.786 0.432

L24.Precip. horaria 0.000050 0.000012 4.101 0.000

L24.Temp. prom aire -0.000000 0.000003 -0.110 0.913

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Results for equation Water

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coefficient std. error t-stat prob

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const -0.000001 0.000005 -0.182 0.855

L1.Conduct 0.013550 0.002025 6.691 0.000

L1.Water 4.758342 0.010080 472.054 0.000

L1.Temp 0.066576 0.002141 31.098 0.000

L1.Precip. horaria 0.000003 0.000003 1.023 0.306

L1.Temp. prom aire 0.000000 0.000001 0.410 0.682

L2.Conduct -0.044962 0.007210 -6.236 0.000

L2.Water -9.571427 0.047624 -200.981 0.000

L2.Temp -0.290770 0.007588 -38.318 0.000

L2.Precip. horaria -0.000005 0.000003 -1.838 0.066

L2.Temp. prom aire -0.000000 0.000001 -0.194 0.846

L3.Conduct 0.049884 0.011032 4.522 0.000

L3.Water 10.838028 0.102335 105.908 0.000

L3.Temp 0.503220 0.011575 43.474 0.000

L3.Precip. horaria 0.000001 0.000003 0.226 0.821

L3.Temp. prom aire 0.000000 0.000001 0.254 0.799

L4.Conduct -0.014881 0.011609 -1.282 0.200

L4.Water -8.058321 0.141131 -57.098 0.000

L4.Temp -0.445439 0.012732 -34.985 0.000

L4.Precip. horaria -0.000001 0.000003 -0.215 0.830

L4.Temp. prom aire -0.000000 0.000001 -0.115 0.908

L5.Conduct -0.007251 0.011607 -0.625 0.532

L5.Water 4.642393 0.153737 30.197 0.000

L5.Temp 0.239138 0.013078 18.285 0.000

L5.Precip. horaria -0.000001 0.000003 -0.265 0.791

L5.Temp. prom aire -0.000000 0.000001 -0.117 0.906

L6.Conduct 0.003903 0.011611 0.336 0.737

L6.Water -2.395982 0.153123 -15.647 0.000

L6.Temp -0.113260 0.013038 -8.687 0.000

L6.Precip. horaria -0.000003 0.000003 -1.051 0.293

L6.Temp. prom aire 0.000001 0.000001 0.475 0.635

L7.Conduct -0.001319 0.011611 -0.114 0.910

L7.Water 1.138620 0.150090 7.586 0.000

L7.Temp 0.057639 0.012928 4.458 0.000

L7.Precip. horaria -0.000003 0.000003 -1.088 0.276

L7.Temp. prom aire -0.000002 0.000001 -1.170 0.242

L8.Conduct 0.000109 0.011608 0.009 0.992

L8.Water -0.513115 0.148978 -3.444 0.001

L8.Temp -0.025530 0.012897 -1.980 0.048

L8.Precip. horaria -0.000000 0.000003 -0.040 0.968

L8.Temp. prom aire 0.000001 0.000001 0.861 0.389

L9.Conduct 0.002408 0.011608 0.207 0.836

L9.Water 0.239375 0.150503 1.591 0.112

L9.Temp 0.012258 0.012959 0.946 0.344

L9.Precip. horaria 0.000001 0.000003 0.461 0.645

L9.Temp. prom aire 0.000001 0.000001 1.080 0.280

L10.Conduct -0.003436 0.011607 -0.296 0.767

L10.Water -0.124850 0.153288 -0.814 0.415

L10.Temp -0.004266 0.013074 -0.326 0.744

L10.Precip. horaria -0.000004 0.000003 -1.254 0.210

L10.Temp. prom aire -0.000003 0.000001 -1.938 0.053

L11.Conduct 0.004407 0.011601 0.380 0.704

L11.Water 0.078523 0.155661 0.504 0.614

L11.Temp 0.002447 0.013170 0.186 0.853

L11.Precip. horaria -0.000006 0.000003 -1.945 0.052

L11.Temp. prom aire 0.000000 0.000001 0.285 0.776

L12.Conduct -0.000133 0.011600 -0.011 0.991

L12.Water -0.056904 0.156767 -0.363 0.717

L12.Temp -0.003196 0.013213 -0.242 0.809

L12.Precip. horaria -0.000001 0.000003 -0.315 0.753

L12.Temp. prom aire 0.000002 0.000001 1.268 0.205

L13.Conduct -0.005312 0.011603 -0.458 0.647

L13.Water 0.040735 0.156630 0.260 0.795

L13.Temp 0.001361 0.013199 0.103 0.918

L13.Precip. horaria -0.000002 0.000003 -0.821 0.411

L13.Temp. prom aire -0.000001 0.000001 -0.443 0.658

L14.Conduct -0.001430 0.011603 -0.123 0.902

L14.Water -0.001834 0.155524 -0.012 0.991

L14.Temp 0.000740 0.013141 0.056 0.955

L14.Precip. horaria 0.000005 0.000003 1.738 0.082

L14.Temp. prom aire -0.000001 0.000001 -0.646 0.519

L15.Conduct 0.013960 0.011604 1.203 0.229

L15.Water -0.053426 0.153439 -0.348 0.728

L15.Temp -0.004550 0.013054 -0.349 0.727

L15.Precip. horaria -0.000002 0.000003 -0.822 0.411

L15.Temp. prom aire 0.000000 0.000001 0.188 0.851

L16.Conduct -0.010899 0.011601 -0.939 0.347

L16.Water 0.086844 0.150787 0.576 0.565

L16.Temp 0.005823 0.012962 0.449 0.653

L16.Precip. horaria -0.000005 0.000003 -1.694 0.090

L16.Temp. prom aire 0.000001 0.000001 0.905 0.366

L17.Conduct -0.001080 0.011583 -0.093 0.926

L17.Water -0.101633 0.148948 -0.682 0.495

L17.Temp -0.005341 0.012924 -0.413 0.679

L17.Precip. horaria 0.000005 0.000003 1.624 0.104

L17.Temp. prom aire -0.000001 0.000001 -0.880 0.379

L18.Conduct -0.002242 0.011574 -0.194 0.846

L18.Water 0.163125 0.149732 1.089 0.276

L18.Temp 0.011478 0.012987 0.884 0.377

L18.Precip. horaria 0.000001 0.000003 0.357 0.721

L18.Temp. prom aire 0.000000 0.000001 0.006 0.995

L19.Conduct 0.008709 0.011575 0.752 0.452

L19.Water -0.284891 0.152959 -1.863 0.063

L19.Temp -0.017678 0.013104 -1.349 0.177

L19.Precip. horaria 0.000003 0.000003 1.035 0.301

L19.Temp. prom aire 0.000001 0.000001 0.388 0.698

L20.Conduct 0.002944 0.011560 0.255 0.799

L20.Water 0.438458 0.154368 2.840 0.005

L20.Temp 0.027322 0.013061 2.092 0.036

L20.Precip. horaria 0.000002 0.000003 0.655 0.512

L20.Temp. prom aire -0.000001 0.000001 -1.008 0.313

L21.Conduct -0.027008 0.011552 -2.338 0.019

L21.Water -0.696581 0.142468 -4.889 0.000

L21.Temp -0.042294 0.012406 -3.409 0.001

L21.Precip. horaria 0.000001 0.000003 0.201 0.841

L21.Temp. prom aire 0.000002 0.000001 1.511 0.131

L22.Conduct 0.039384 0.010821 3.639 0.000

L22.Water 0.860134 0.102603 8.383 0.000

L22.Temp 0.036181 0.011032 3.280 0.001

L22.Precip. horaria 0.000002 0.000003 0.660 0.509

L22.Temp. prom aire -0.000001 0.000001 -0.709 0.478

L23.Conduct -0.025471 0.006805 -3.743 0.000

L23.Water -0.579393 0.046483 -12.465 0.000

L23.Temp -0.012951 0.007284 -1.778 0.075

L23.Precip. horaria -0.000010 0.000003 -3.416 0.001

L23.Temp. prom aire -0.000000 0.000001 -0.023 0.982

L24.Conduct 0.006169 0.001832 3.367 0.001

L24.Water 0.153783 0.009434 16.301 0.000

L24.Temp 0.001092 0.002079 0.525 0.599

L24.Precip. horaria 0.000005 0.000003 2.054 0.040

L24.Temp. prom aire -0.000000 0.000001 -0.116 0.908

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Results for equation Temp

coefficient std. error t-stat prob

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const 0.000050 0.000024 2.048 0.041

L1.Conduct -0.063361 0.009153 -6.922 0.000

L1.Water 0.838468 0.045562 18.403 0.000

L1.Temp 3.304727 0.009677 341.519 0.000

L1.Precip. horaria -0.000002 0.000011 -0.166 0.868

L1.Temp. prom aire -0.000010 0.000003 -3.040 0.002

L2.Conduct 0.183997 0.032589 5.646 0.000

L2.Water -3.557815 0.215258 -16.528 0.000

L2.Temp -3.571568 0.034299 -104.131 0.000

L2.Precip. horaria -0.000000 0.000013 -0.019 0.985

L2.Temp. prom aire 0.000006 0.000006 1.144 0.252

L3.Conduct -0.151114 0.049866 -3.030 0.002

L3.Water 6.008672 0.462550 12.990 0.000

L3.Temp 1.087008 0.052319 20.776 0.000

L3.Precip. horaria 0.000000 0.000013 0.018 0.985

L3.Temp. prom aire 0.000003 0.000006 0.561 0.575

L4.Conduct -0.005242 0.052473 -0.100 0.920

L4.Water -5.259345 0.637910 -8.245 0.000

L4.Temp 0.081619 0.057550 1.418 0.156

L4.Precip. horaria 0.000005 0.000013 0.392 0.695

L4.Temp. prom aire -0.000004 0.000006 -0.592 0.554

L5.Conduct 0.030719 0.052461 0.586 0.558

L5.Water 2.919554 0.694887 4.201 0.000

L5.Temp 0.252055 0.059113 4.264 0.000

L5.Precip. horaria 0.000003 0.000013 0.223 0.823

L5.Temp. prom aire 0.000008 0.000006 1.269 0.204

L6.Conduct 0.011538 0.052482 0.220 0.826

L6.Water -1.498078 0.692111 -2.165 0.030

L6.Temp -0.084395 0.058930 -1.432 0.152

L6.Precip. horaria 0.000001 0.000013 0.069 0.945

L6.Temp. prom aire -0.000009 0.000006 -1.540 0.124

L7.Conduct 0.001183 0.052480 0.023 0.982

L7.Water 0.704382 0.678404 1.038 0.299

L7.Temp -0.016901 0.058434 -0.289 0.772

L7.Precip. horaria 0.000004 0.000013 0.280 0.780

L7.Temp. prom aire 0.000007 0.000006 1.183 0.237

L8.Conduct -0.005421 0.052468 -0.103 0.918

L8.Water -0.185698 0.673377 -0.276 0.783

L8.Temp -0.044857 0.058294 -0.769 0.442

L8.Precip. horaria 0.000004 0.000013 0.311 0.756

L8.Temp. prom aire -0.000006 0.000006 -1.093 0.275

L9.Conduct -0.001358 0.052466 -0.026 0.979

L9.Water 0.066670 0.680270 0.098 0.922

L9.Temp -0.024138 0.058576 -0.412 0.680

L9.Precip. horaria 0.000002 0.000013 0.133 0.894

L9.Temp. prom aire 0.000001 0.000006 0.158 0.874

L10.Conduct -0.004549 0.052464 -0.087 0.931

L10.Water -0.034585 0.692859 -0.050 0.960

L10.Temp -0.003310 0.059095 -0.056 0.955

L10.Precip. horaria -0.000002 0.000013 -0.122 0.903

L10.Temp. prom aire 0.000005 0.000006 0.880 0.379

L11.Conduct 0.002809 0.052438 0.054 0.957

L11.Water 0.018723 0.703584 0.027 0.979

L11.Temp 0.005531 0.059529 0.093 0.926

L11.Precip. horaria -0.000001 0.000013 -0.050 0.960

L11.Temp. prom aire -0.000007 0.000006 -1.191 0.233

L12.Conduct 0.000396 0.052433 0.008 0.994

L12.Water -0.071752 0.708586 -0.101 0.919

L12.Temp 0.004261 0.059721 0.071 0.943

L12.Precip. horaria 0.000004 0.000013 0.307 0.758

L12.Temp. prom aire 0.000006 0.000006 1.012 0.312

L13.Conduct -0.001943 0.052444 -0.037 0.970

L13.Water 0.125893 0.707965 0.178 0.859

L13.Temp 0.017782 0.059659 0.298 0.766

L13.Precip. horaria 0.000003 0.000013 0.218 0.827

L13.Temp. prom aire -0.000004 0.000006 -0.723 0.469

L14.Conduct 0.004654 0.052446 0.089 0.929

L14.Water -0.139685 0.702966 -0.199 0.842

L14.Temp -0.001708 0.059395 -0.029 0.977

L14.Precip. horaria 0.000004 0.000013 0.299 0.765

L14.Temp. prom aire 0.000002 0.000006 0.289 0.773

L15.Conduct 0.002643 0.052448 0.050 0.960

L15.Water 0.063604 0.693542 0.092 0.927

L15.Temp 0.009610 0.059003 0.163 0.871

L15.Precip. horaria -0.000003 0.000013 -0.219 0.827

L15.Temp. prom aire 0.000000 0.000006 0.065 0.948

L16.Conduct -0.008701 0.052436 -0.166 0.868

L16.Water 0.013591 0.681554 0.020 0.984

L16.Temp -0.004364 0.058587 -0.074 0.941

L16.Precip. horaria -0.000003 0.000013 -0.261 0.794

L16.Temp. prom aire 0.000001 0.000006 0.139 0.889

L17.Conduct 0.006384 0.052357 0.122 0.903

L17.Water -0.025585 0.673242 -0.038 0.970

L17.Temp -0.011591 0.058417 -0.198 0.843

L17.Precip. horaria 0.000002 0.000013 0.181 0.856

L17.Temp. prom aire -0.000002 0.000006 -0.362 0.717

L18.Conduct -0.002142 0.052315 -0.041 0.967

L18.Water 0.024557 0.676784 0.036 0.971

L18.Temp -0.018372 0.058699 -0.313 0.754

L18.Precip. horaria -0.000001 0.000013 -0.041 0.968

L18.Temp. prom aire -0.000000 0.000006 -0.044 0.965

L19.Conduct -0.006517 0.052319 -0.125 0.901

L19.Water -0.051567 0.691370 -0.075 0.941

L19.Temp -0.024715 0.059232 -0.417 0.676

L19.Precip. horaria -0.000002 0.000013 -0.164 0.870

L19.Temp. prom aire 0.000001 0.000006 0.123 0.902

L20.Conduct 0.000255 0.052253 0.005 0.996

L20.Water 0.258441 0.697740 0.370 0.711

L20.Temp 0.014745 0.059035 0.250 0.803

L20.Precip. horaria -0.000003 0.000013 -0.190 0.850

L20.Temp. prom aire -0.000002 0.000006 -0.299 0.765

L21.Conduct 0.010288 0.052215 0.197 0.844

L21.Water -0.466328 0.643953 -0.724 0.469

L21.Temp 0.025878 0.056076 0.461 0.644

L21.Precip. horaria -0.000004 0.000013 -0.304 0.761

L21.Temp. prom aire 0.000002 0.000006 0.301 0.764

L22.Conduct 0.007746 0.048913 0.158 0.874

L22.Water 0.295650 0.463762 0.638 0.524

L22.Temp 0.174861 0.049866 3.507 0.000

L22.Precip. horaria -0.000004 0.000013 -0.284 0.776

L22.Temp. prom aire 0.000002 0.000006 0.266 0.790

L23.Conduct -0.020720 0.030759 -0.674 0.501

L23.Water -0.020468 0.210101 -0.097 0.922

L23.Temp -0.276420 0.032924 -8.396 0.000

L23.Precip. horaria -0.000002 0.000013 -0.155 0.877

L23.Temp. prom aire 0.000005 0.000006 0.920 0.358

L24.Conduct 0.008456 0.008281 1.021 0.307

L24.Water -0.027298 0.042640 -0.640 0.522

L24.Temp 0.104262 0.009397 11.095 0.000

L24.Precip. horaria 0.000004 0.000011 0.357 0.721

L24.Temp. prom aire -0.000004 0.000003 -1.313 0.189

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.062636 0.019666 -3.185 0.001

L1.Conduct -8.610736 7.444603 -1.157 0.247

L1.Water 85.392348 37.057861 2.304 0.021

L1.Temp 5.469560 7.870464 0.695 0.487

L1.Precip. horaria 0.565314 0.009307 60.743 0.000

L1.Temp. prom aire -0.001272 0.002546 -0.500 0.617

L2.Conduct 15.840158 26.506432 0.598 0.550

L2.Water -318.223915 175.081025 -1.818 0.069

L2.Temp -19.152926 27.897006 -0.687 0.492

L2.Precip. horaria 0.142333 0.010665 13.346 0.000

L2.Temp. prom aire 0.007614 0.004539 1.678 0.093

L3.Conduct -0.479779 40.558989 -0.012 0.991

L3.Water 486.867598 376.217153 1.294 0.196

L3.Temp 25.284441 42.554301 0.594 0.552

L3.Precip. horaria 0.006378 0.010755 0.593 0.553

L3.Temp. prom aire -0.005613 0.004815 -1.166 0.244

L4.Conduct -11.807423 42.679183 -0.277 0.782

L4.Water -411.517611 518.846984 -0.793 0.428

L4.Temp -18.551603 46.808514 -0.396 0.692

L4.Precip. horaria -0.026606 0.010767 -2.471 0.013

L4.Temp. prom aire 0.002534 0.004819 0.526 0.599

L5.Conduct 7.819766 42.669786 0.183 0.855

L5.Water 227.627554 565.189475 0.403 0.687

L5.Temp 11.993903 48.079652 0.249 0.803

L5.Precip. horaria -0.002914 0.010769 -0.271 0.787

L5.Temp. prom aire -0.004115 0.004819 -0.854 0.393

L6.Conduct -10.319987 42.686459 -0.242 0.809

L6.Water -67.555137 562.931912 -0.120 0.904

L6.Temp -4.132486 47.931167 -0.086 0.931

L6.Precip. horaria 0.010299 0.010768 0.956 0.339

L6.Temp. prom aire 0.004745 0.004819 0.985 0.325

L7.Conduct 5.395551 42.684839 0.126 0.899

L7.Water -27.202450 551.783130 -0.049 0.961

L7.Temp -0.441402 47.527354 -0.009 0.993

L7.Precip. horaria 0.039271 0.010769 3.647 0.000

L7.Temp. prom aire -0.003803 0.004819 -0.789 0.430

L8.Conduct 21.332629 42.675327 0.500 0.617

L8.Water -1.524268 547.693963 -0.003 0.998

L8.Temp -5.587980 47.414049 -0.118 0.906

L8.Precip. horaria -0.040933 0.010777 -3.798 0.000

L8.Temp. prom aire 0.003661 0.004818 0.760 0.447

L9.Conduct -24.109431 42.673278 -0.565 0.572

L9.Water 4.083094 553.300443 0.007 0.994

L9.Temp 1.932559 47.643442 0.041 0.968

L9.Precip. horaria 0.033506 0.010780 3.108 0.002

L9.Temp. prom aire -0.003616 0.004818 -0.751 0.453

L10.Conduct 3.413159 42.672195 0.080 0.936

L10.Water 144.214791 563.539838 0.256 0.798

L10.Temp 7.865744 48.065233 0.164 0.870

L10.Precip. horaria 0.046955 0.010783 4.354 0.000

L10.Temp. prom aire 0.003762 0.004817 0.781 0.435

L11.Conduct -27.696755 42.650918 -0.649 0.516

L11.Water -94.403172 572.262916 -0.165 0.869

L11.Temp 7.742574 48.418228 0.160 0.873

L11.Precip. horaria -0.008026 0.010791 -0.744 0.457

L11.Temp. prom aire -0.000756 0.004817 -0.157 0.875

L12.Conduct 61.884758 42.646913 1.451 0.147

L12.Water -340.192595 576.331509 -0.590 0.555

L12.Temp -34.183288 48.574030 -0.704 0.482

L12.Precip. horaria 0.032586 0.010789 3.020 0.003

L12.Temp. prom aire -0.003490 0.004818 -0.724 0.469

L13.Conduct -45.259882 42.655304 -1.061 0.289

L13.Water 655.858313 575.826816 1.139 0.255

L13.Temp 34.857935 48.524073 0.718 0.473

L13.Precip. horaria -0.001450 0.010789 -0.134 0.893

L13.Temp. prom aire 0.003324 0.004819 0.690 0.490

L14.Conduct 18.867754 42.657234 0.442 0.658

L14.Water -425.405254 571.760970 -0.744 0.457

L14.Temp -15.451299 48.309196 -0.320 0.749

L14.Precip. horaria -0.016909 0.010789 -1.567 0.117

L14.Temp. prom aire 0.002156 0.004820 0.447 0.655

L15.Conduct -19.008603 42.658591 -0.446 0.656

L15.Water -139.567696 564.095400 -0.247 0.805

L15.Temp -9.133959 47.990215 -0.190 0.849

L15.Precip. horaria 0.015336 0.010781 1.422 0.155

L15.Temp. prom aire -0.004416 0.004820 -0.916 0.360

L16.Conduct 19.635435 42.649379 0.460 0.645

L16.Water 659.849010 554.345446 1.190 0.234

L16.Temp 38.207007 47.652040 0.802 0.423

L16.Precip. horaria -0.024658 0.010777 -2.288 0.022

L16.Temp. prom aire 0.002273 0.004821 0.472 0.637

L17.Conduct -2.051317 42.584687 -0.048 0.962

L17.Water -926.864806 547.584513 -1.693 0.091

L17.Temp -50.118931 47.513554 -1.055 0.292

L17.Precip. horaria 0.008370 0.010775 0.777 0.437

L17.Temp. prom aire -0.000362 0.004821 -0.075 0.940

L18.Conduct -1.527642 42.550482 -0.036 0.971

L18.Water 818.386444 550.465209 1.487 0.137

L18.Temp 38.849881 47.743482 0.814 0.416

L18.Precip. horaria 0.009346 0.010768 0.868 0.385

L18.Temp. prom aire 0.000485 0.004821 0.101 0.920

L19.Conduct -10.684498 42.553917 -0.251 0.802

L19.Water -554.394017 562.328756 -0.986 0.324

L19.Temp -32.164219 48.176584 -0.668 0.504

L19.Precip. horaria -0.011588 0.010770 -1.076 0.282

L19.Temp. prom aire -0.003125 0.004820 -0.648 0.517

L20.Conduct 1.984218 42.500103 0.047 0.963

L20.Water 561.447228 567.509690 0.989 0.323

L20.Temp 34.530583 48.016278 0.719 0.472

L20.Precip. horaria -0.010213 0.010770 -0.948 0.343

L20.Temp. prom aire 0.007535 0.004820 1.563 0.118

L21.Conduct 10.800321 42.469553 0.254 0.799

L21.Water -741.467226 523.761982 -1.416 0.157

L21.Temp -36.822611 45.609753 -0.807 0.419

L21.Precip. horaria -0.009803 0.010767 -0.910 0.363

L21.Temp. prom aire -0.005083 0.004821 -1.054 0.292

L22.Conduct 2.031199 39.783460 0.051 0.959

L22.Water 651.916278 377.203276 1.728 0.084

L22.Temp 32.955049 40.558463 0.813 0.416

L22.Precip. horaria 0.000640 0.010766 0.059 0.953

L22.Temp. prom aire 0.001556 0.004818 0.323 0.747

L23.Conduct -13.429663 25.017591 -0.537 0.591

L23.Water -307.118657 170.886850 -1.797 0.072

L23.Temp -17.923666 26.778741 -0.669 0.503

L23.Precip. horaria 0.037302 0.010684 3.491 0.000

L23.Temp. prom aire -0.002634 0.004542 -0.580 0.562

L24.Conduct 5.980375 6.735614 0.888 0.375

L24.Water 59.797405 34.681745 1.724 0.085

L24.Temp 3.975697 7.643403 0.520 0.603

L24.Precip. horaria -0.014345 0.009310 -1.541 0.123

L24.Temp. prom aire 0.000351 0.002548 0.138 0.890

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.222966 0.071282 3.128 0.002

L1.Conduct 27.340151 26.984591 1.013 0.311

L1.Water -33.348694 134.324312 -0.248 0.804

L1.Temp -59.060141 28.528214 -2.070 0.038

L1.Precip. horaria 0.039947 0.033734 1.184 0.236

L1.Temp. prom aire 1.472436 0.009228 159.559 0.000

L2.Conduct -74.636206 96.078353 -0.777 0.437

L2.Water 61.384700 634.619411 0.097 0.923

L2.Temp 202.067854 101.118792 1.998 0.046

L2.Precip. horaria 0.009741 0.038658 0.252 0.801

L2.Temp. prom aire -0.626399 0.016451 -38.076 0.000

L3.Conduct 60.606090 147.014913 0.412 0.680

L3.Water 134.631831 1363.681234 0.099 0.921

L3.Temp -273.745469 154.247359 -1.775 0.076

L3.Precip. horaria -0.015254 0.038985 -0.391 0.696

L3.Temp. prom aire 0.077184 0.017452 4.423 0.000

L4.Conduct -9.035950 154.700020 -0.058 0.953

L4.Water -425.133277 1880.674208 -0.226 0.821

L4.Temp 281.782265 169.667681 1.661 0.097

L4.Precip. horaria -0.007386 0.039028 -0.189 0.850

L4.Temp. prom aire -0.030177 0.017468 -1.728 0.084

L5.Conduct -0.321519 154.665958 -0.002 0.998

L5.Water 160.280409 2048.652687 0.078 0.938

L5.Temp -298.543957 174.275200 -1.713 0.087

L5.Precip. horaria -0.009986 0.039035 -0.256 0.798

L5.Temp. prom aire -0.011999 0.017468 -0.687 0.492

L6.Conduct 3.487473 154.726393 0.023 0.982

L6.Water 686.275388 2040.469659 0.336 0.737

L6.Temp 152.115625 173.736983 0.876 0.381

L6.Precip. horaria 0.017158 0.039031 0.440 0.660

L6.Temp. prom aire 0.017871 0.017468 1.023 0.306

L7.Conduct -16.916509 154.720523 -0.109 0.913

L7.Water -1463.324881 2000.058462 -0.732 0.464

L7.Temp 15.795517 172.273276 0.092 0.927

L7.Precip. horaria 0.019261 0.039035 0.493 0.622

L7.Temp. prom aire -0.034261 0.017468 -1.961 0.050

L8.Conduct -16.466343 154.686041 -0.106 0.915

L8.Water 2073.114580 1985.236384 1.044 0.296

L8.Temp -0.166999 171.862575 -0.001 0.999

L8.Precip. horaria 0.027758 0.039062 0.711 0.477

L8.Temp. prom aire 0.012987 0.017465 0.744 0.457

L9.Conduct 89.415024 154.678617 0.578 0.563

L9.Water -2392.883459 2005.558293 -1.193 0.233

L9.Temp 17.523429 172.694061 0.101 0.919

L9.Precip. horaria -0.033957 0.039076 -0.869 0.385

L9.Temp. prom aire 0.011225 0.017465 0.643 0.520

L10.Conduct -126.200630 154.674689 -0.816 0.415

L10.Water 1739.846728 2042.673216 0.852 0.394

L10.Temp 35.254811 174.222935 0.202 0.840

L10.Precip. horaria -0.041617 0.039086 -1.065 0.287

L10.Temp. prom aire 0.001851 0.017461 0.106 0.916

L11.Conduct 82.401002 154.597569 0.533 0.594

L11.Water -204.814833 2074.291921 -0.099 0.921

L11.Temp -87.673655 175.502441 -0.500 0.617

L11.Precip. horaria 0.006049 0.039115 0.155 0.877

L11.Temp. prom aire -0.020914 0.017460 -1.198 0.231

L12.Conduct 2.408663 154.583049 0.016 0.988

L12.Water -1404.655326 2089.039425 -0.672 0.501

L12.Temp -233.701320 176.067179 -1.327 0.184

L12.Precip. horaria 0.006440 0.039107 0.165 0.869

L12.Temp. prom aire 0.019141 0.017463 1.096 0.273

L13.Conduct -25.765999 154.613464 -0.167 0.868

L13.Water 2835.653442 2087.210052 1.359 0.174

L13.Temp 363.740967 175.886102 2.068 0.039

L13.Precip. horaria -0.003206 0.039107 -0.082 0.935

L13.Temp. prom aire -0.023400 0.017468 -1.340 0.180

L14.Conduct 15.840748 154.620460 0.102 0.918

L14.Water -4285.483544 2072.472506 -2.068 0.039

L14.Temp -152.885513 175.107230 -0.873 0.383

L14.Precip. horaria -0.015331 0.039106 -0.392 0.695

L14.Temp. prom aire 0.028535 0.017470 1.633 0.102

L15.Conduct -71.559330 154.625379 -0.463 0.644

L15.Water 5392.843480 2044.686974 2.637 0.008

L15.Temp 198.333757 173.951015 1.140 0.254

L15.Precip. horaria 0.022220 0.039079 0.569 0.570

L15.Temp. prom aire -0.024500 0.017471 -1.402 0.161

L16.Conduct 108.953527 154.591987 0.705 0.481

L16.Water -5181.200036 2009.346137 -2.579 0.010

L16.Temp -294.066685 172.725225 -1.703 0.089

L16.Precip. horaria -0.014338 0.039065 -0.367 0.714

L16.Temp. prom aire -0.009456 0.017473 -0.541 0.588

L17.Conduct -142.252575 154.357499 -0.922 0.357

L17.Water 3670.612979 1984.839658 1.849 0.064

L17.Temp 188.353050 172.223252 1.094 0.274

L17.Precip. horaria 0.004574 0.039057 0.117 0.907

L17.Temp. prom aire 0.022286 0.017474 1.275 0.202

L18.Conduct 261.635744 154.233516 1.696 0.090

L18.Water -2303.711561 1995.281370 -1.155 0.248

L18.Temp -60.355288 173.056678 -0.349 0.727

L18.Precip. horaria 0.000584 0.039032 0.015 0.988

L18.Temp. prom aire -0.013512 0.017473 -0.773 0.439

L19.Conduct -271.590606 154.245966 -1.761 0.078

L19.Water 1727.346454 2038.283388 0.847 0.397

L19.Temp 42.416701 174.626550 0.243 0.808

L19.Precip. horaria -0.030895 0.039037 -0.791 0.429

L19.Temp. prom aire 0.020121 0.017472 1.152 0.249

L20.Conduct 91.091733 154.050905 0.591 0.554

L20.Water -1156.143080 2057.062814 -0.562 0.574

L20.Temp -15.938153 174.045486 -0.092 0.927

L20.Precip. horaria -0.016731 0.039039 -0.429 0.668

L20.Temp. prom aire -0.010336 0.017473 -0.592 0.554

L21.Conduct 36.097641 153.940168 0.234 0.815

L21.Water 370.270208 1898.489692 0.195 0.845

L21.Temp -128.656392 165.322510 -0.778 0.436

L21.Precip. horaria 0.017650 0.039029 0.452 0.651

L21.Temp. prom aire 0.023141 0.017474 1.324 0.185

L22.Conduct -17.021759 144.203840 -0.118 0.906

L22.Water 37.918240 1367.255654 0.028 0.978

L22.Temp 135.420546 147.013008 0.921 0.357

L22.Precip. horaria 0.012932 0.039023 0.331 0.740

L22.Temp. prom aire 0.026316 0.017463 1.507 0.132

L23.Conduct -16.046937 90.681722 -0.177 0.860

L23.Water -39.786240 619.416709 -0.064 0.949

L23.Temp -9.206166 97.065394 -0.095 0.924

L23.Precip. horaria 0.023642 0.038727 0.610 0.542

L23.Temp. prom aire 0.167198 0.016463 10.156 0.000

L24.Conduct 8.538000 24.414703 0.350 0.727

L24.Water 0.304005 125.711559 0.002 0.998

L24.Temp -18.789154 27.705183 -0.678 0.498

L24.Precip. horaria -0.034400 0.033746 -1.019 0.308

L24.Temp. prom aire -0.132726 0.009234 -14.373 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.349670 0.048521 -0.004748 0.009274

Water 0.349670 1.000000 -0.261000 0.003785 0.010092

Temp 0.048521 -0.261000 1.000000 -0.001174 -0.008468

Precip. horaria -0.004748 0.003785 -0.001174 1.000000 -0.023365

Temp. prom aire 0.009274 0.010092 -0.008468 -0.023365 1.000000

1. Sensor A84041CD4184396B:

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -53.4302

Nobs: 11665.0 HQIC: -53.6839

Log likelihood: 231705. FPE: 4.26253e-24

AIC: -53.8122 Det(Omega\_mle): 4.04817e-24

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000204 0.000070 2.923 0.003

L1.Conduct 2.881608 0.009403 306.463 0.000

L1.Water 5.861791 0.234889 24.956 0.000

L1.Temp 0.226641 0.035390 6.404 0.000

L1.Precip. horaria -0.000046 0.000032 -1.426 0.154

L1.Temp. prom aire -0.000003 0.000009 -0.366 0.715

L2.Conduct -2.484843 0.028803 -86.270 0.000

L2.Water -24.223612 1.151189 -21.042 0.000

L2.Temp -1.082023 0.135362 -7.994 0.000

L2.Precip. horaria 0.000210 0.000037 5.621 0.000

L2.Temp. prom aire 0.000003 0.000016 0.184 0.854

L3.Conduct 0.316084 0.037219 8.493 0.000

L3.Water 40.708710 2.530359 16.088 0.000

L3.Temp 2.195411 0.230237 9.535 0.000

L3.Precip. horaria -0.000142 0.000038 -3.773 0.000

L3.Temp. prom aire -0.000003 0.000017 -0.154 0.877

L4.Conduct 0.256946 0.037210 6.905 0.000

L4.Water -34.177101 3.496107 -9.776 0.000

L4.Temp -2.017401 0.274854 -7.340 0.000

L4.Precip. horaria 0.000005 0.000038 0.133 0.894

L4.Temp. prom aire -0.000005 0.000017 -0.281 0.779

L5.Conduct -0.027199 0.037297 -0.729 0.466

L5.Water 2.525828 3.771476 0.670 0.503

L5.Temp -0.405364 0.287303 -1.411 0.158

L5.Precip. horaria 0.000026 0.000038 0.699 0.485

L5.Temp. prom aire 0.000017 0.000017 1.028 0.304

L6.Conduct 0.069023 0.037268 1.852 0.064

L6.Water 44.761606 3.718636 12.037 0.000

L6.Temp 3.337301 0.283713 11.763 0.000

L6.Precip. horaria 0.000029 0.000038 0.778 0.436

L6.Temp. prom aire -0.000014 0.000017 -0.848 0.396

L7.Conduct 0.035699 0.037235 0.959 0.338

L7.Water -78.893525 3.608020 -21.866 0.000

L7.Temp -4.482236 0.279092 -16.060 0.000

L7.Precip. horaria 0.000039 0.000038 1.039 0.299

L7.Temp. prom aire -0.000007 0.000017 -0.435 0.664

L8.Conduct -0.008277 0.037218 -0.222 0.824

L8.Water 68.753057 3.598987 19.103 0.000

L8.Temp 3.954166 0.277454 14.252 0.000

L8.Precip. horaria 0.000024 0.000038 0.640 0.522

L8.Temp. prom aire 0.000021 0.000017 1.250 0.211

L9.Conduct -0.022831 0.037238 -0.613 0.540

L9.Water -34.125264 3.589648 -9.507 0.000

L9.Temp -2.505195 0.276009 -9.077 0.000

L9.Precip. horaria 0.000017 0.000038 0.458 0.647

L9.Temp. prom aire -0.000000 0.000017 -0.017 0.986

L10.Conduct -0.020366 0.037268 -0.546 0.585

L10.Water 13.747100 3.530031 3.894 0.000

L10.Temp 0.859624 0.273389 3.144 0.002

L10.Precip. horaria 0.000025 0.000038 0.657 0.511

L10.Temp. prom aire -0.000030 0.000017 -1.783 0.075

L11.Conduct -0.006819 0.037267 -0.183 0.855

L11.Water -7.061796 3.495317 -2.020 0.043

L11.Temp -0.216042 0.272104 -0.794 0.427

L11.Precip. horaria 0.000014 0.000038 0.381 0.703

L11.Temp. prom aire 0.000029 0.000017 1.703 0.089

L12.Conduct 0.009244 0.037311 0.248 0.804

L12.Water 2.027053 3.497412 0.580 0.562

L12.Temp 0.208129 0.272548 0.764 0.445

L12.Precip. horaria -0.000001 0.000038 -0.034 0.973

L12.Temp. prom aire -0.000017 0.000017 -0.998 0.318

L13.Conduct 0.002640 0.037391 0.071 0.944

L13.Water 0.125607 3.515857 0.036 0.972

L13.Temp 0.007649 0.273384 0.028 0.978

L13.Precip. horaria 0.000044 0.000038 1.168 0.243

L13.Temp. prom aire 0.000008 0.000017 0.472 0.637

L14.Conduct 0.005547 0.037398 0.148 0.882

L14.Water -0.221060 3.542006 -0.062 0.950

L14.Temp -0.072838 0.274602 -0.265 0.791

L14.Precip. horaria 0.000001 0.000038 0.025 0.980

L14.Temp. prom aire 0.000013 0.000017 0.758 0.448

L15.Conduct -0.009607 0.037308 -0.258 0.797

L15.Water 0.407868 3.578491 0.114 0.909

L15.Temp -0.010487 0.276306 -0.038 0.970

L15.Precip. horaria 0.000018 0.000038 0.465 0.642

L15.Temp. prom aire -0.000025 0.000017 -1.467 0.142

L16.Conduct 0.003324 0.036254 0.092 0.927

L16.Water -0.420090 3.610525 -0.116 0.907

L16.Temp -0.034286 0.277887 -0.123 0.902

L16.Precip. horaria -0.000007 0.000038 -0.198 0.843

L16.Temp. prom aire 0.000017 0.000017 0.982 0.326

L17.Conduct 0.001781 0.035216 0.051 0.960

L17.Water 0.622255 3.645270 0.171 0.864

L17.Temp 0.029058 0.280206 0.104 0.917

L17.Precip. horaria -0.000041 0.000038 -1.093 0.274

L17.Temp. prom aire -0.000008 0.000017 -0.449 0.654

L18.Conduct -0.013451 0.035219 -0.382 0.703

L18.Water -0.724550 3.730016 -0.194 0.846

L18.Temp -0.008693 0.285288 -0.030 0.976

L18.Precip. horaria 0.000075 0.000038 1.997 0.046

L18.Temp. prom aire 0.000003 0.000017 0.186 0.852

L19.Conduct -0.012909 0.034961 -0.369 0.712

L19.Water 0.626318 3.867087 0.162 0.871

L19.Temp 0.066558 0.292629 0.227 0.820

L19.Precip. horaria -0.000050 0.000038 -1.318 0.187

L19.Temp. prom aire 0.000001 0.000017 0.054 0.957

L20.Conduct -0.005578 0.034828 -0.160 0.873

L20.Water -0.995703 3.941459 -0.253 0.801

L20.Temp -0.068634 0.294059 -0.233 0.815

L20.Precip. horaria -0.000034 0.000038 -0.914 0.361

L20.Temp. prom aire -0.000002 0.000017 -0.090 0.928

L21.Conduct 0.076679 0.034825 2.202 0.028

L21.Water 1.430261 3.631501 0.394 0.694

L21.Temp 0.048510 0.271885 0.178 0.858

L21.Precip. horaria 0.000038 0.000038 1.021 0.307

L21.Temp. prom aire 0.000005 0.000017 0.294 0.769

L22.Conduct 0.012037 0.034757 0.346 0.729

L22.Water -1.120493 2.571886 -0.436 0.663

L22.Temp -0.078931 0.219164 -0.360 0.719

L22.Precip. horaria -0.000041 0.000038 -1.081 0.280

L22.Temp. prom aire -0.000015 0.000017 -0.917 0.359

L23.Conduct -0.107591 0.026282 -4.094 0.000

L23.Water 0.412382 1.134594 0.363 0.716

L23.Temp 0.067573 0.128487 0.526 0.599

L23.Precip. horaria -0.000002 0.000037 -0.059 0.953

L23.Temp. prom aire 0.000016 0.000016 1.010 0.312

L24.Conduct 0.048854 0.008359 5.844 0.000

L24.Water -0.046644 0.223264 -0.209 0.835

L24.Temp -0.018492 0.033999 -0.544 0.587

L24.Precip. horaria -0.000069 0.000032 -2.127 0.033

L24.Temp. prom aire -0.000003 0.000009 -0.363 0.716

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000001 0.000003 0.243 0.808

L1.Conduct 0.002383 0.000416 5.727 0.000

L1.Water 4.675919 0.010396 449.797 0.000

L1.Temp 0.069595 0.001566 44.433 0.000

L1.Precip. horaria 0.000000 0.000001 0.123 0.902

L1.Temp. prom aire -0.000000 0.000000 -0.286 0.775

L2.Conduct -0.005673 0.001275 -4.451 0.000

L2.Water -9.090180 0.050949 -178.417 0.000

L2.Temp -0.306014 0.005991 -51.080 0.000

L2.Precip. horaria 0.000001 0.000002 0.904 0.366

L2.Temp. prom aire 0.000000 0.000001 0.545 0.586

L3.Conduct 0.003207 0.001647 1.947 0.052

L3.Water 9.707496 0.111988 86.684 0.000

L3.Temp 0.529121 0.010190 51.927 0.000

L3.Precip. horaria -0.000001 0.000002 -0.794 0.427

L3.Temp. prom aire -0.000000 0.000001 -0.154 0.878

L4.Conduct 0.000791 0.001647 0.480 0.631

L4.Water -6.652298 0.154730 -42.993 0.000

L4.Temp -0.455934 0.012164 -37.481 0.000

L4.Precip. horaria -0.000001 0.000002 -0.388 0.698

L4.Temp. prom aire -0.000001 0.000001 -0.706 0.480

L5.Conduct -0.000359 0.001651 -0.217 0.828

L5.Water 3.587278 0.166917 21.491 0.000

L5.Temp 0.224496 0.012715 17.655 0.000

L5.Precip. horaria -0.000001 0.000002 -0.784 0.433

L5.Temp. prom aire 0.000000 0.000001 0.503 0.615

L6.Conduct -0.000111 0.001649 -0.067 0.946

L6.Water -1.808963 0.164578 -10.992 0.000

L6.Temp -0.099117 0.012556 -7.894 0.000

L6.Precip. horaria -0.000000 0.000002 -0.272 0.786

L6.Temp. prom aire -0.000000 0.000001 -0.464 0.643

L7.Conduct -0.000333 0.001648 -0.202 0.840

L7.Water 0.776462 0.159683 4.863 0.000

L7.Temp 0.051429 0.012352 4.164 0.000

L7.Precip. horaria -0.000003 0.000002 -1.758 0.079

L7.Temp. prom aire 0.000001 0.000001 0.781 0.435

L8.Conduct -0.000012 0.001647 -0.007 0.994

L8.Water -0.242543 0.159283 -1.523 0.128

L8.Temp -0.015111 0.012279 -1.231 0.218

L8.Precip. horaria -0.000002 0.000002 -1.362 0.173

L8.Temp. prom aire -0.000001 0.000001 -0.887 0.375

L9.Conduct -0.000217 0.001648 -0.132 0.895

L9.Water 0.061574 0.158869 0.388 0.698

L9.Temp 0.003446 0.012215 0.282 0.778

L9.Precip. horaria 0.000001 0.000002 0.568 0.570

L9.Temp. prom aire 0.000001 0.000001 1.047 0.295

L10.Conduct 0.000080 0.001649 0.049 0.961

L10.Water -0.018303 0.156231 -0.117 0.907

L10.Temp -0.001365 0.012100 -0.113 0.910

L10.Precip. horaria -0.000000 0.000002 -0.059 0.953

L10.Temp. prom aire -0.000000 0.000001 -0.557 0.577

L11.Conduct 0.000242 0.001649 0.147 0.883

L11.Water -0.005027 0.154695 -0.032 0.974

L11.Temp -0.000205 0.012043 -0.017 0.986

L11.Precip. horaria -0.000002 0.000002 -1.108 0.268

L11.Temp. prom aire 0.000000 0.000001 0.432 0.666

L12.Conduct 0.000291 0.001651 0.177 0.860

L12.Water 0.013826 0.154787 0.089 0.929

L12.Temp -0.000328 0.012062 -0.027 0.978

L12.Precip. horaria -0.000002 0.000002 -1.492 0.136

L12.Temp. prom aire -0.000001 0.000001 -0.758 0.448

L13.Conduct 0.000346 0.001655 0.209 0.834

L13.Water -0.006882 0.155604 -0.044 0.965

L13.Temp -0.000878 0.012099 -0.073 0.942

L13.Precip. horaria -0.000002 0.000002 -1.341 0.180

L13.Temp. prom aire -0.000000 0.000001 -0.008 0.994

L14.Conduct 0.000193 0.001655 0.117 0.907

L14.Water 0.000170 0.156761 0.001 0.999

L14.Temp 0.000106 0.012153 0.009 0.993

L14.Precip. horaria -0.000001 0.000002 -0.807 0.419

L14.Temp. prom aire 0.000001 0.000001 1.129 0.259

L15.Conduct -0.001226 0.001651 -0.742 0.458

L15.Water 0.003687 0.158376 0.023 0.981

L15.Temp 0.000301 0.012229 0.025 0.980

L15.Precip. horaria 0.000001 0.000002 0.324 0.746

L15.Temp. prom aire -0.000001 0.000001 -0.743 0.458

L16.Conduct -0.001747 0.001605 -1.089 0.276

L16.Water 0.004230 0.159793 0.026 0.979

L16.Temp 0.001628 0.012299 0.132 0.895

L16.Precip. horaria 0.000001 0.000002 0.509 0.611

L16.Temp. prom aire 0.000000 0.000001 0.300 0.764

L17.Conduct 0.001910 0.001559 1.225 0.220

L17.Water -0.010174 0.161331 -0.063 0.950

L17.Temp -0.001891 0.012401 -0.152 0.879

L17.Precip. horaria 0.000000 0.000002 0.070 0.944

L17.Temp. prom aire -0.000001 0.000001 -0.864 0.388

L18.Conduct 0.002883 0.001559 1.849 0.064

L18.Water 0.018525 0.165082 0.112 0.911

L18.Temp 0.002053 0.012626 0.163 0.871

L18.Precip. horaria 0.000001 0.000002 0.639 0.523

L18.Temp. prom aire 0.000001 0.000001 1.382 0.167

L19.Conduct -0.000741 0.001547 -0.479 0.632

L19.Water -0.049677 0.171148 -0.290 0.772

L19.Temp -0.002394 0.012951 -0.185 0.853

L19.Precip. horaria 0.000001 0.000002 0.593 0.553

L19.Temp. prom aire -0.000001 0.000001 -0.961 0.336

L20.Conduct -0.010119 0.001541 -6.565 0.000

L20.Water 0.093081 0.174440 0.534 0.594

L20.Temp 0.010170 0.013014 0.781 0.435

L20.Precip. horaria 0.000002 0.000002 1.086 0.277

L20.Temp. prom aire -0.000000 0.000001 -0.120 0.904

L21.Conduct 0.014088 0.001541 9.140 0.000

L21.Water -0.230562 0.160722 -1.435 0.151

L21.Temp -0.026320 0.012033 -2.187 0.029

L21.Precip. horaria 0.000002 0.000002 1.132 0.258

L21.Temp. prom aire 0.000001 0.000001 0.715 0.474

L22.Conduct -0.005363 0.001538 -3.486 0.000

L22.Water 0.394400 0.113826 3.465 0.001

L22.Temp 0.027470 0.009700 2.832 0.005

L22.Precip. horaria 0.000001 0.000002 0.607 0.544

L22.Temp. prom aire -0.000000 0.000001 -0.561 0.575

L23.Conduct -0.001748 0.001163 -1.503 0.133

L23.Water -0.311980 0.050214 -6.213 0.000

L23.Temp -0.011952 0.005687 -2.102 0.036

L23.Precip. horaria 0.000001 0.000002 0.763 0.445

L23.Temp. prom aire -0.000000 0.000001 -0.082 0.935

L24.Conduct 0.001234 0.000370 3.337 0.001

L24.Water 0.089941 0.009881 9.102 0.000

L24.Temp 0.001694 0.001505 1.126 0.260

L24.Precip. horaria -0.000003 0.000001 -1.809 0.070

L24.Temp. prom aire 0.000000 0.000000 0.820 0.412

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000025 0.000020 1.244 0.213

L1.Conduct -0.014660 0.002665 -5.500 0.000

L1.Water 1.880955 0.066585 28.249 0.000

L1.Temp 3.474403 0.010032 346.325 0.000

L1.Precip. horaria 0.000003 0.000009 0.377 0.707

L1.Temp. prom aire 0.000001 0.000003 0.435 0.663

L2.Conduct 0.038497 0.008165 4.715 0.000

L2.Water -8.374148 0.326333 -25.661 0.000

L2.Temp -4.146141 0.038372 -108.052 0.000

L2.Precip. horaria -0.000003 0.000011 -0.294 0.769

L2.Temp. prom aire -0.000004 0.000004 -0.988 0.323

L3.Conduct -0.022463 0.010551 -2.129 0.033

L3.Water 14.779400 0.717292 20.604 0.000

L3.Temp 1.808889 0.065266 27.716 0.000

L3.Precip. horaria -0.000000 0.000011 -0.044 0.965

L3.Temp. prom aire 0.000005 0.000005 1.052 0.293

L4.Conduct -0.009502 0.010548 -0.901 0.368

L4.Water -13.197523 0.991056 -13.317 0.000

L4.Temp -0.404277 0.077914 -5.189 0.000

L4.Precip. horaria 0.000002 0.000011 0.177 0.859

L4.Temp. prom aire 0.000002 0.000005 0.396 0.692

L5.Conduct 0.002764 0.010573 0.261 0.794

L5.Water 7.038995 1.069116 6.584 0.000

L5.Temp 0.569780 0.081443 6.996 0.000

L5.Precip. horaria 0.000004 0.000011 0.370 0.711

L5.Temp. prom aire -0.000001 0.000005 -0.296 0.767

L6.Conduct 0.003019 0.010564 0.286 0.775

L6.Water -3.870311 1.054138 -3.672 0.000

L6.Temp -0.292529 0.080425 -3.637 0.000

L6.Precip. horaria 0.000005 0.000011 0.459 0.647

L6.Temp. prom aire 0.000005 0.000005 1.126 0.260

L7.Conduct 0.003593 0.010555 0.340 0.734

L7.Water 3.045555 1.022781 2.978 0.003

L7.Temp 0.094775 0.079115 1.198 0.231

L7.Precip. horaria 0.000001 0.000011 0.138 0.891

L7.Temp. prom aire -0.000008 0.000005 -1.653 0.098

L8.Conduct 0.002042 0.010550 0.194 0.847

L8.Water -1.998049 1.020220 -1.958 0.050

L8.Temp -0.164964 0.078651 -2.097 0.036

L8.Precip. horaria 0.000007 0.000011 0.613 0.540

L8.Temp. prom aire 0.000004 0.000005 0.842 0.400

L9.Conduct -0.000305 0.010556 -0.029 0.977

L9.Water 0.981855 1.017573 0.965 0.335

L9.Temp 0.047370 0.078241 0.605 0.545

L9.Precip. horaria 0.000004 0.000011 0.409 0.683

L9.Temp. prom aire -0.000004 0.000005 -0.849 0.396

L10.Conduct -0.001347 0.010564 -0.128 0.899

L10.Water -0.347432 1.000673 -0.347 0.728

L10.Temp -0.012282 0.077499 -0.158 0.874

L10.Precip. horaria -0.000004 0.000011 -0.363 0.717

L10.Temp. prom aire 0.000001 0.000005 0.141 0.888

L11.Conduct -0.002542 0.010564 -0.241 0.810

L11.Water 0.075526 0.990832 0.076 0.939

L11.Temp 0.016085 0.077134 0.209 0.835

L11.Precip. horaria -0.000004 0.000011 -0.372 0.710

L11.Temp. prom aire 0.000004 0.000005 0.939 0.348

L12.Conduct -0.002731 0.010577 -0.258 0.796

L12.Water 0.046312 0.991426 0.047 0.963

L12.Temp 0.011114 0.077260 0.144 0.886

L12.Precip. horaria 0.000001 0.000011 0.115 0.908

L12.Temp. prom aire -0.000005 0.000005 -1.037 0.300

L13.Conduct 0.000411 0.010599 0.039 0.969

L13.Water -0.099439 0.996655 -0.100 0.921

L13.Temp 0.003956 0.077497 0.051 0.959

L13.Precip. horaria 0.000006 0.000011 0.548 0.584

L13.Temp. prom aire 0.000006 0.000005 1.212 0.226

L14.Conduct 0.002155 0.010601 0.203 0.839

L14.Water 0.026583 1.004067 0.026 0.979

L14.Temp 0.002168 0.077843 0.028 0.978

L14.Precip. horaria 0.000008 0.000011 0.736 0.462

L14.Temp. prom aire -0.000004 0.000005 -0.805 0.421

L15.Conduct 0.008681 0.010576 0.821 0.412

L15.Water -0.028089 1.014410 -0.028 0.978

L15.Temp 0.000845 0.078326 0.011 0.991

L15.Precip. horaria 0.000004 0.000011 0.418 0.676

L15.Temp. prom aire -0.000000 0.000005 -0.061 0.951

L16.Conduct -0.007265 0.010277 -0.707 0.480

L16.Water 0.070585 1.023491 0.069 0.945

L16.Temp 0.006780 0.078774 0.086 0.931

L16.Precip. horaria -0.000002 0.000011 -0.155 0.877

L16.Temp. prom aire 0.000001 0.000005 0.110 0.912

L17.Conduct -0.001114 0.009983 -0.112 0.911

L17.Water -0.120526 1.033340 -0.117 0.907

L17.Temp -0.019494 0.079431 -0.245 0.806

L17.Precip. horaria -0.000004 0.000011 -0.395 0.693

L17.Temp. prom aire -0.000001 0.000005 -0.244 0.807

L18.Conduct 0.000767 0.009984 0.077 0.939

L18.Water 0.255760 1.057363 0.242 0.809

L18.Temp -0.002318 0.080872 -0.029 0.977

L18.Precip. horaria -0.000003 0.000011 -0.308 0.758

L18.Temp. prom aire 0.000001 0.000005 0.303 0.762

L19.Conduct -0.006838 0.009911 -0.690 0.490

L19.Water -0.442591 1.096220 -0.404 0.686

L19.Temp -0.062206 0.082953 -0.750 0.453

L19.Precip. horaria -0.000002 0.000011 -0.223 0.824

L19.Temp. prom aire -0.000001 0.000005 -0.270 0.787

L20.Conduct 0.002283 0.009873 0.231 0.817

L20.Water 1.139443 1.117302 1.020 0.308

L20.Temp 0.084081 0.083358 1.009 0.313

L20.Precip. horaria -0.000003 0.000011 -0.238 0.812

L20.Temp. prom aire 0.000001 0.000005 0.181 0.856

L21.Conduct 0.022088 0.009872 2.238 0.025

L21.Water -2.135114 1.029437 -2.074 0.038

L21.Temp -0.089228 0.077072 -1.158 0.247

L21.Precip. horaria -0.000005 0.000011 -0.441 0.659

L21.Temp. prom aire 0.000002 0.000005 0.359 0.720

L22.Conduct -0.025526 0.009853 -2.591 0.010

L22.Water 2.048756 0.729064 2.810 0.005

L22.Temp 0.304411 0.062127 4.900 0.000

L22.Precip. horaria -0.000004 0.000011 -0.404 0.686

L22.Temp. prom aire -0.000000 0.000005 -0.026 0.979

L23.Conduct 0.007537 0.007450 1.012 0.312

L23.Water -0.941273 0.321628 -2.927 0.003

L23.Temp -0.354995 0.036423 -9.747 0.000

L23.Precip. horaria -0.000004 0.000011 -0.336 0.737

L23.Temp. prom aire 0.000006 0.000005 1.373 0.170

L24.Conduct 0.000455 0.002370 0.192 0.848

L24.Water 0.164771 0.063289 2.603 0.009

L24.Temp 0.123775 0.009638 12.843 0.000

L24.Precip. horaria -0.000002 0.000009 -0.203 0.839

L24.Temp. prom aire -0.000009 0.000003 -3.466 0.001

=============================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.057610 0.020023 -2.877 0.004

L1.Conduct -2.131675 2.700172 -0.789 0.430

L1.Water -9.398258 67.452259 -0.139 0.889

L1.Temp 0.378991 10.162888 0.037 0.970

L1.Precip. horaria 0.573496 0.009308 61.613 0.000

L1.Temp. prom aire -0.001478 0.002555 -0.578 0.563

L2.Conduct 5.276357 8.271269 0.638 0.524

L2.Water 82.531648 330.583524 0.250 0.803

L2.Temp 3.770317 38.871611 0.097 0.923

L2.Precip. horaria 0.144285 0.010714 13.467 0.000

L2.Temp. prom aire 0.007465 0.004558 1.638 0.101

L3.Conduct -3.696330 10.687967 -0.346 0.729

L3.Water -292.152939 726.635366 -0.402 0.688

L3.Temp -20.141046 66.116420 -0.305 0.761

L3.Precip. horaria 0.007239 0.010807 0.670 0.503

L3.Temp. prom aire -0.005435 0.004836 -1.124 0.261

L4.Conduct 0.149969 10.685474 0.014 0.989

L4.Water 573.344353 1003.966512 0.571 0.568

L4.Temp 39.376694 78.928971 0.499 0.618

L4.Precip. horaria -0.026188 0.010811 -2.422 0.015

L4.Temp. prom aire 0.002502 0.004839 0.517 0.605

L5.Conduct 0.102703 10.710342 0.010 0.992

L5.Water -640.476607 1083.043375 -0.591 0.554

L5.Temp -40.130537 82.503950 -0.486 0.627

L5.Precip. horaria -0.003011 0.010812 -0.279 0.781

L5.Temp. prom aire -0.004140 0.004840 -0.856 0.392

L6.Conduct 0.836109 10.702101 0.078 0.938

L6.Water 273.270423 1067.869332 0.256 0.798

L6.Temp 11.901356 81.473021 0.146 0.884

L6.Precip. horaria 0.009484 0.010811 0.877 0.380

L6.Temp. prom aire 0.004690 0.004839 0.969 0.333

L7.Conduct -1.058057 10.692706 -0.099 0.921

L7.Water 357.222405 1036.104172 0.345 0.730

L7.Temp 25.648596 80.145908 0.320 0.749

L7.Precip. horaria 0.037790 0.010811 3.495 0.000

L7.Temp. prom aire -0.003567 0.004840 -0.737 0.461

L8.Conduct -3.375556 10.687783 -0.316 0.752

L8.Water -795.544112 1033.510189 -0.770 0.441

L8.Temp -42.392128 79.675720 -0.532 0.595

L8.Precip. horaria -0.043219 0.010818 -3.995 0.000

L8.Temp. prom aire 0.003393 0.004841 0.701 0.483

L9.Conduct 6.829885 10.693425 0.639 0.523

L9.Water 758.438554 1030.828368 0.736 0.462

L9.Temp 40.853342 79.260526 0.515 0.606

L9.Precip. horaria 0.032110 0.010823 2.967 0.003

L9.Temp. prom aire -0.003780 0.004841 -0.781 0.435

L10.Conduct -1.632702 10.702031 -0.153 0.879

L10.Water -409.571218 1013.708295 -0.404 0.686

L10.Temp -22.693849 78.508203 -0.289 0.773

L10.Precip. horaria 0.045751 0.010827 4.226 0.000

L10.Temp. prom aire 0.004229 0.004840 0.874 0.382

L11.Conduct 5.696135 10.701732 0.532 0.595

L11.Water 67.993275 1003.739429 0.068 0.946

L11.Temp -0.218812 78.139295 -0.003 0.998

L11.Precip. horaria -0.010629 0.010833 -0.981 0.327

L11.Temp. prom aire -0.000889 0.004840 -0.184 0.854

L12.Conduct -16.854042 10.714523 -1.573 0.116

L12.Water -47.466755 1004.341233 -0.047 0.962

L12.Temp -8.145449 78.266778 -0.104 0.917

L12.Precip. horaria 0.030595 0.010833 2.824 0.005

L12.Temp. prom aire -0.003472 0.004840 -0.718 0.473

L13.Conduct 11.005462 10.737393 1.025 0.305

L13.Water 413.983760 1009.637930 0.410 0.682

L13.Temp 25.582463 78.506778 0.326 0.745

L13.Precip. horaria -0.002874 0.010833 -0.265 0.791

L13.Temp. prom aire 0.003411 0.004840 0.705 0.481

L14.Conduct -0.566658 10.739431 -0.053 0.958

L14.Water -573.089832 1017.147059 -0.563 0.573

L14.Temp -24.374303 78.856694 -0.309 0.757

L14.Precip. horaria -0.017159 0.010833 -1.584 0.113

L14.Temp. prom aire 0.002221 0.004840 0.459 0.646

L15.Conduct 0.288654 10.713581 0.027 0.979

L15.Water 176.604098 1027.624354 0.172 0.864

L15.Temp 12.600264 79.346085 0.159 0.874

L15.Precip. horaria 0.016495 0.010825 1.524 0.128

L15.Temp. prom aire -0.004499 0.004841 -0.929 0.353

L16.Conduct -1.833384 10.410845 -0.176 0.860

L16.Water 250.035741 1036.823391 0.241 0.809

L16.Temp 11.118506 79.799830 0.139 0.889

L16.Precip. horaria -0.024089 0.010822 -2.226 0.026

L16.Temp. prom aire 0.002238 0.004842 0.462 0.644

L17.Conduct 1.673692 10.112999 0.165 0.869

L17.Water -297.612788 1046.801150 -0.284 0.776

L17.Temp -17.059209 80.465934 -0.212 0.832

L17.Precip. horaria 0.009153 0.010816 0.846 0.397

L17.Temp. prom aire -0.000180 0.004842 -0.037 0.970

L18.Conduct -0.397495 10.113765 -0.039 0.969

L18.Water -33.102125 1071.137273 -0.031 0.975

L18.Temp -7.068589 81.925368 -0.086 0.931

L18.Precip. horaria 0.009394 0.010809 0.869 0.385

L18.Temp. prom aire 0.000063 0.004841 0.013 0.990

L19.Conduct 0.051102 10.039641 0.005 0.996

L19.Water 523.396247 1110.499714 0.471 0.637

L19.Temp 29.997801 84.033497 0.357 0.721

L19.Precip. horaria -0.011214 0.010810 -1.037 0.300

L19.Temp. prom aire -0.003137 0.004841 -0.648 0.517

L20.Conduct -0.619680 10.001418 -0.062 0.951

L20.Water -723.073240 1131.856641 -0.639 0.523

L20.Temp -40.564410 84.443907 -0.480 0.631

L20.Precip. horaria -0.009683 0.010811 -0.896 0.370

L20.Temp. prom aire 0.007998 0.004841 1.652 0.099

L21.Conduct -0.493735 10.000542 -0.049 0.961

L21.Water 510.528982 1042.847174 0.490 0.624

L21.Temp 29.446778 78.076313 0.377 0.706

L21.Precip. horaria -0.008778 0.010809 -0.812 0.417

L21.Temp. prom aire -0.005310 0.004841 -1.097 0.273

L22.Conduct 2.771023 9.981068 0.278 0.781

L22.Water -198.793552 738.560750 -0.269 0.788

L22.Temp -5.253518 62.936757 -0.083 0.933

L22.Precip. horaria 0.000964 0.010808 0.089 0.929

L22.Temp. prom aire 0.001547 0.004839 0.320 0.749

L23.Conduct -3.488150 7.547458 -0.462 0.644

L23.Water 29.556918 325.818013 0.091 0.928

L23.Temp -4.092313 36.897132 -0.111 0.912

L23.Precip. horaria 0.036569 0.010727 3.409 0.001

L23.Temp. prom aire -0.002677 0.004561 -0.587 0.557

L24.Conduct 1.466157 2.400443 0.611 0.541

L24.Water 3.377906 64.113900 0.053 0.958

L24.Temp 1.459366 9.763334 0.149 0.881

L24.Precip. horaria -0.017539 0.009326 -1.881 0.060

L24.Temp. prom aire 0.000737 0.002557 0.288 0.773

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.218168 0.072297 3.018 0.003

L1.Conduct -1.560251 9.749467 -0.160 0.873

L1.Water 24.016656 243.548783 0.099 0.921

L1.Temp -10.544062 36.694974 -0.287 0.774

L1.Precip. horaria 0.037056 0.033609 1.103 0.270

L1.Temp. prom aire 1.473361 0.009226 159.689 0.000

L2.Conduct 7.072212 29.864936 0.237 0.813

L2.Water -96.477405 1193.632589 -0.081 0.936

L2.Temp -80.929098 140.353097 -0.577 0.564

L2.Precip. horaria 0.013298 0.038684 0.344 0.731

L2.Temp. prom aire -0.626768 0.016457 -38.086 0.000

L3.Conduct -3.357364 38.590870 -0.087 0.931

L3.Water 439.573845 2623.650577 0.168 0.867

L3.Temp 387.746539 238.725489 1.624 0.104

L3.Precip. horaria -0.015531 0.039020 -0.398 0.691

L3.Temp. prom aire 0.076349 0.017460 4.373 0.000

L4.Conduct -17.388933 38.581867 -0.451 0.652

L4.Water -1411.690136 3625.005665 -0.389 0.697

L4.Temp -520.492703 284.987560 -1.826 0.068

L4.Precip. horaria -0.003906 0.039036 -0.100 0.920

L4.Temp. prom aire -0.030368 0.017474 -1.738 0.082

L5.Conduct 25.333847 38.671661 0.655 0.512

L5.Water 2439.308758 3910.527215 0.624 0.533

L5.Temp 230.579363 297.895679 0.774 0.439

L5.Precip. horaria -0.008585 0.039037 -0.220 0.826

L5.Temp. prom aire -0.011019 0.017474 -0.631 0.528

L6.Conduct -8.231820 38.641903 -0.213 0.831

L6.Water -2512.301582 3855.738546 -0.652 0.515

L6.Temp -13.110402 294.173320 -0.045 0.964

L6.Precip. horaria 0.015937 0.039035 0.408 0.683

L6.Temp. prom aire 0.016524 0.017473 0.946 0.344

L7.Conduct -5.653647 38.607981 -0.146 0.884

L7.Water 1906.168355 3741.044595 0.510 0.610

L7.Temp -45.174817 289.381536 -0.156 0.876

L7.Precip. horaria 0.019160 0.039035 0.491 0.624

L7.Temp. prom aire -0.033389 0.017475 -1.911 0.056

L8.Conduct 4.137141 38.590205 0.107 0.915

L8.Water -669.055859 3731.678542 -0.179 0.858

L8.Temp 204.444449 287.683835 0.711 0.477

L8.Precip. horaria 0.028383 0.039060 0.727 0.467

L8.Temp. prom aire 0.012402 0.017478 0.710 0.478

L9.Conduct -2.089887 38.610576 -0.054 0.957

L9.Water -2313.037413 3721.995334 -0.621 0.534

L9.Temp -229.728564 286.184702 -0.803 0.422

L9.Precip. horaria -0.031548 0.039080 -0.807 0.420

L9.Temp. prom aire 0.011959 0.017480 0.684 0.494

L10.Conduct 10.218098 38.641652 0.264 0.791

L10.Water 6001.154106 3660.180163 1.640 0.101

L10.Temp 315.918841 283.468301 1.114 0.265

L10.Precip. horaria -0.039873 0.039092 -1.020 0.308

L10.Temp. prom aire 0.000148 0.017476 0.008 0.993

L11.Conduct -16.807680 38.640571 -0.435 0.664

L11.Water -7232.150570 3624.185739 -1.996 0.046

L11.Temp -621.768870 282.136289 -2.204 0.028

L11.Precip. horaria 0.006458 0.039113 0.165 0.869

L11.Temp. prom aire -0.021693 0.017476 -1.241 0.214

L12.Conduct 2.751536 38.686754 0.071 0.943

L12.Water 5683.973868 3626.358665 1.567 0.117

L12.Temp 555.346589 282.596591 1.965 0.049

L12.Precip. horaria 0.009901 0.039113 0.253 0.800

L12.Temp. prom aire 0.020279 0.017474 1.161 0.246

L13.Conduct 14.426077 38.769333 0.372 0.710

L13.Water -4429.638419 3645.483362 -1.215 0.224

L13.Temp -211.886010 283.463154 -0.747 0.455

L13.Precip. horaria -0.000550 0.039114 -0.014 0.989

L13.Temp. prom aire -0.023449 0.017475 -1.342 0.180

L14.Conduct -13.097777 38.776691 -0.338 0.736

L14.Water 4883.494094 3672.596451 1.330 0.184

L14.Temp 161.691422 284.726591 0.568 0.570

L14.Precip. horaria -0.013599 0.039114 -0.348 0.728

L14.Temp. prom aire 0.028133 0.017477 1.610 0.107

L15.Conduct 13.042909 38.683355 0.337 0.736

L15.Water -5214.683049 3710.426652 -1.405 0.160

L15.Temp -330.026599 286.493628 -1.152 0.249

L15.Precip. horaria 0.025547 0.039085 0.654 0.513

L15.Temp. prom aire -0.024377 0.017478 -1.395 0.163

L16.Conduct -10.605609 37.590268 -0.282 0.778

L16.Water 4261.889109 3743.641465 1.138 0.255

L16.Temp 254.360725 288.131956 0.883 0.377

L16.Precip. horaria -0.011592 0.039074 -0.297 0.767

L16.Temp. prom aire -0.008439 0.017481 -0.483 0.629

L17.Conduct 17.655502 36.514843 0.484 0.629

L17.Water -3315.256059 3779.668001 -0.877 0.380

L17.Temp -54.253865 290.537047 -0.187 0.852

L17.Precip. horaria 0.005844 0.039053 0.150 0.881

L17.Temp. prom aire 0.020962 0.017481 1.199 0.230

L18.Conduct -56.501884 36.517608 -1.547 0.122

L18.Water 3513.768271 3867.538047 0.909 0.364

L18.Temp 174.481831 295.806604 0.590 0.555

L18.Precip. horaria 0.004092 0.039028 0.105 0.916

L18.Temp. prom aire -0.013557 0.017479 -0.776 0.438

L19.Conduct 61.525640 36.249971 1.697 0.090

L19.Water -3827.899645 4009.663377 -0.955 0.340

L19.Temp -219.747465 303.418391 -0.724 0.469

L19.Precip. horaria -0.029346 0.039031 -0.752 0.452

L19.Temp. prom aire 0.019262 0.017480 1.102 0.270

L20.Conduct -19.562559 36.111957 -0.542 0.588

L20.Water 2503.850976 4086.776486 0.613 0.540

L20.Temp -22.534024 304.900249 -0.074 0.941

L20.Precip. horaria -0.015195 0.039034 -0.389 0.697

L20.Temp. prom aire -0.009770 0.017479 -0.559 0.576

L21.Conduct -2.051067 36.108794 -0.057 0.955

L21.Water -85.288651 3765.391444 -0.023 0.982

L21.Temp 200.137229 281.908884 0.710 0.478

L21.Precip. horaria 0.020055 0.039026 0.514 0.607

L21.Temp. prom aire 0.022866 0.017480 1.308 0.191

L22.Conduct 0.301873 36.038481 0.008 0.993

L22.Water -1139.773035 2666.709366 -0.427 0.669

L22.Temp -296.512829 227.244732 -1.305 0.192

L22.Precip. horaria 0.016951 0.039024 0.434 0.664

L22.Temp. prom aire 0.026021 0.017470 1.489 0.136

L23.Conduct 0.589357 27.251484 0.022 0.983

L23.Water 749.061530 1176.425836 0.637 0.524

L23.Temp 250.369691 133.223879 1.879 0.060

L23.Precip. horaria 0.028518 0.038730 0.736 0.462

L23.Temp. prom aire 0.166886 0.016470 10.133 0.000

L24.Conduct -0.145382 8.667240 -0.017 0.987

L24.Water -159.009121 231.495024 -0.687 0.492

L24.Temp -78.349211 35.252312 -2.223 0.026

L24.Precip. horaria -0.036685 0.033674 -1.089 0.276

L24.Temp. prom aire -0.132952 0.009233 -14.400 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.073759 0.019286 0.003563 0.000061

Water 0.073759 1.000000 -0.354624 -0.004772 0.006060

Temp 0.019286 -0.354624 1.000000 0.001078 -0.017795

Precip. horaria 0.003563 -0.004772 0.001078 1.000000 -0.024102

Temp. prom aire 0.000061 0.006060 -0.017795 -0.024102 1.000000

* Lag 48:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -58.3936

Nobs: 11641.0 HQIC: -58.8997

Log likelihood: 262932. FPE: 2.03706e-26

AIC: -59.1557 Det(Omega\_mle): 1.83868e-26

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000059 0.000023 2.565 0.010

L1.Conduct 4.687354 NAN NAN NAN

L1.Water 1.980297 NAN NAN NAN

L1.Temp -1.038787 NAN NAN NAN

L1.Precip. horaria 0.000007 0.000008 0.870 0.384

L1.Temp. prom aire -0.000002 0.000002 -1.091 0.275

L2.Conduct -9.584658 NAN NAN NAN

L2.Water -9.218992 NAN NAN NAN

L2.Temp 4.175340 NAN NAN NAN

L2.Precip. horaria -0.000000 0.000009 -0.031 0.975

L2.Temp. prom aire -0.000004 0.000004 -1.106 0.269

L3.Conduct 11.643940 NAN NAN NAN

L3.Water 18.929639 NAN NAN NAN

L3.Temp -6.747263 NAN NAN NAN

L3.Precip. horaria 0.000009 0.000009 1.074 0.283

L3.Temp. prom aire 0.000002 0.000004 0.573 0.567

L4.Conduct -9.812400 NAN NAN NAN

L4.Water -24.502338 NAN NAN NAN

L4.Temp 5.997495 NAN NAN NAN

L4.Precip. horaria -0.000004 0.000009 -0.404 0.686

L4.Temp. prom aire 0.000002 0.000004 0.483 0.629

L5.Conduct 6.336182 NAN NAN NAN

L5.Water 25.014489 NAN NAN NAN

L5.Temp -3.808964 NAN NAN NAN

L5.Precip. horaria -0.000000 0.000009 -0.016 0.987

L5.Temp. prom aire -0.000000 0.000004 -0.063 0.949

L6.Conduct -3.351813 NAN NAN NAN

L6.Water -22.245796 NAN NAN NAN

L6.Temp 2.128120 NAN NAN NAN

L6.Precip. horaria 0.000010 0.000009 1.152 0.249

L6.Temp. prom aire 0.000006 0.000004 1.554 0.120

L7.Conduct 1.517777 NAN NAN NAN

L7.Water 17.117358 NAN NAN NAN

L7.Temp -0.969926 NAN NAN NAN

L7.Precip. horaria -0.000002 0.000009 -0.212 0.832

L7.Temp. prom aire -0.000007 0.000004 -1.671 0.095

L8.Conduct -0.477683 NAN NAN NAN

L8.Water -11.955770 NAN NAN NAN

L8.Temp 0.341636 NAN NAN NAN

L8.Precip. horaria 0.000001 0.000009 0.085 0.932

L8.Temp. prom aire 0.000007 0.000004 1.698 0.089

L9.Conduct -0.151753 NAN NAN NAN

L9.Water 8.126135 NAN NAN NAN

L9.Temp 0.035300 NAN NAN NAN

L9.Precip. horaria 0.000007 0.000009 0.765 0.444

L9.Temp. prom aire -0.000005 0.000004 -1.371 0.170

L10.Conduct 0.516832 NAN NAN NAN

L10.Water -4.993242 NAN NAN NAN

L10.Temp -0.282901 NAN NAN NAN

L10.Precip. horaria -0.000002 0.000009 -0.243 0.808

L10.Temp. prom aire 0.000000 0.000004 0.064 0.949

L11.Conduct -0.714911 NAN NAN NAN

L11.Water 2.381502 NAN NAN NAN

L11.Temp 0.396051 NAN NAN NAN

L11.Precip. horaria -0.000003 0.000009 -0.285 0.775

L11.Temp. prom aire 0.000003 0.000004 0.644 0.520

L12.Conduct 0.814679 NAN NAN NAN

L12.Water -0.714942 NAN NAN NAN

L12.Temp -0.480329 NAN NAN NAN

L12.Precip. horaria 0.000001 0.000009 0.169 0.866

L12.Temp. prom aire -0.000001 0.000004 -0.170 0.865

L13.Conduct -0.884603 NAN NAN NAN

L13.Water 0.152492 NAN NAN NAN

L13.Temp 0.519726 NAN NAN NAN

L13.Precip. horaria 0.000001 0.000009 0.105 0.917

L13.Temp. prom aire 0.000001 0.000004 0.353 0.724

L14.Conduct 0.946819 NAN NAN NAN

L14.Water -0.433003 NAN NAN NAN

L14.Temp -0.560554 NAN NAN NAN

L14.Precip. horaria -0.000000 0.000009 -0.020 0.984

L14.Temp. prom aire -0.000002 0.000004 -0.527 0.598

L15.Conduct -0.873560 NAN NAN NAN

L15.Water 0.661827 NAN NAN NAN

L15.Temp 0.519293 NAN NAN NAN

L15.Precip. horaria 0.000009 0.000009 1.008 0.314

L15.Temp. prom aire -0.000002 0.000004 -0.439 0.661

L16.Conduct 0.529398 NAN NAN NAN

L16.Water 0.179752 NAN NAN NAN

L16.Temp -0.309604 NAN NAN NAN

L16.Precip. horaria 0.000001 0.000009 0.168 0.866

L16.Temp. prom aire 0.000002 0.000004 0.390 0.697

L17.Conduct -0.048534 NAN NAN NAN

L17.Water -1.755903 NAN NAN NAN

L17.Temp 0.039609 NAN NAN NAN

L17.Precip. horaria -0.000004 0.000009 -0.412 0.680

L17.Temp. prom aire -0.000001 0.000004 -0.325 0.745

L18.Conduct -0.279507 NAN NAN NAN

L18.Water 2.956711 NAN NAN NAN

L18.Temp 0.157155 NAN NAN NAN

L18.Precip. horaria -0.000001 0.000009 -0.073 0.941

L18.Temp. prom aire 0.000000 0.000004 0.123 0.902

L19.Conduct 0.393122 NAN NAN NAN

L19.Water -3.670717 NAN NAN NAN

L19.Temp -0.225395 NAN NAN NAN

L19.Precip. horaria 0.000006 0.000009 0.638 0.523

L19.Temp. prom aire 0.000002 0.000004 0.496 0.620

L20.Conduct -0.368872 NAN NAN NAN

L20.Water 3.734502 NAN NAN NAN

L20.Temp 0.197450 NAN NAN NAN

L20.Precip. horaria -0.000001 0.000009 -0.093 0.926

L20.Temp. prom aire -0.000000 0.000004 -0.075 0.940

L21.Conduct 0.284536 NAN NAN NAN

L21.Water -2.573078 NAN NAN NAN

L21.Temp -0.154327 NAN NAN NAN

L21.Precip. horaria -0.000003 0.000009 -0.331 0.740

L21.Temp. prom aire 0.000001 0.000004 0.171 0.864

L22.Conduct -0.509902 NAN NAN NAN

L22.Water 0.667363 NAN NAN NAN

L22.Temp 0.287360 NAN NAN NAN

L22.Precip. horaria -0.000008 0.000009 -0.924 0.355

L22.Temp. prom aire 0.000000 0.000004 0.073 0.942

L23.Conduct 0.932494 NAN NAN NAN

L23.Water 1.840936 NAN NAN NAN

L23.Temp -0.606817 0.021218 -28.599 0.000

L23.Precip. horaria -0.000013 0.000009 -1.472 0.141

L23.Temp. prom aire -0.000001 0.000004 -0.313 0.755

L24.Conduct -0.761327 0.034242 -22.234 0.000

L24.Water -5.411438 NAN NAN NAN

L24.Temp 0.324592 NAN NAN NAN

L24.Precip. horaria 0.000027 0.000009 3.028 0.002

L24.Temp. prom aire -0.000000 0.000004 -0.110 0.912

L25.Conduct 0.201321 0.034019 5.918 0.000

L25.Water 10.414447 NAN NAN NAN

L25.Temp 0.144098 NAN NAN NAN

L25.Precip. horaria -0.000009 0.000009 -0.999 0.318

L25.Temp. prom aire 0.000003 0.000004 0.867 0.386

L26.Conduct 0.020299 0.012324 1.647 0.100

L26.Water -17.731065 0.107277 -165.283 0.000

L26.Temp 1.853030 NAN NAN NAN

L26.Precip. horaria -0.000005 0.000009 -0.603 0.546

L26.Temp. prom aire -0.000001 0.000004 -0.266 0.791

L27.Conduct -0.012269 0.012364 -0.992 0.321

L27.Water 24.869335 NAN NAN NAN

L27.Temp -5.878145 NAN NAN NAN

L27.Precip. horaria -0.000008 0.000009 -0.936 0.349

L27.Temp. prom aire -0.000002 0.000004 -0.502 0.616

L28.Conduct 0.008807 0.012283 0.717 0.473

L28.Water -26.804442 NAN NAN NAN

L28.Temp 7.857233 NAN NAN NAN

L28.Precip. horaria 0.000007 0.000009 0.844 0.399

L28.Temp. prom aire 0.000002 0.000004 0.491 0.623

L29.Conduct -0.000727 0.012061 -0.060 0.952

L29.Water 23.454771 NAN NAN NAN

L29.Temp -6.391976 NAN NAN NAN

L29.Precip. horaria 0.000003 0.000009 0.351 0.725

L29.Temp. prom aire -0.000002 0.000004 -0.551 0.582

L30.Conduct -0.000696 0.012027 -0.058 0.954

L30.Water -18.113440 NAN NAN NAN

L30.Temp 3.392859 NAN NAN NAN

L30.Precip. horaria 0.000001 0.000009 0.069 0.945

L30.Temp. prom aire -0.000003 0.000004 -0.741 0.459

L31.Conduct 0.003799 0.012183 0.312 0.755

L31.Water 12.628684 NAN NAN NAN

L31.Temp -1.264158 NAN NAN NAN

L31.Precip. horaria -0.000014 0.000009 -1.611 0.107

L31.Temp. prom aire 0.000002 0.000004 0.387 0.699

L32.Conduct -0.006644 0.012178 -0.546 0.585

L32.Water -8.080157 NAN NAN NAN

L32.Temp 1.029656 NAN NAN NAN

L32.Precip. horaria 0.000009 0.000009 1.007 0.314

L32.Temp. prom aire -0.000002 0.000004 -0.589 0.556

L33.Conduct 0.002324 0.012112 0.192 0.848

L33.Water 4.880764 NAN NAN NAN

L33.Temp -1.558613 NAN NAN NAN

L33.Precip. horaria -0.000005 0.000009 -0.521 0.603

L33.Temp. prom aire 0.000002 0.000004 0.395 0.693

L34.Conduct 0.006601 0.012222 0.540 0.589

L34.Water -2.494754 NAN NAN NAN

L34.Temp 1.587223 NAN NAN NAN

L34.Precip. horaria -0.000006 0.000009 -0.692 0.489

L34.Temp. prom aire 0.000002 0.000004 0.462 0.644

L35.Conduct -0.007687 0.012092 -0.636 0.525

L35.Water 0.601560 NAN NAN NAN

L35.Temp -0.967109 NAN NAN NAN

L35.Precip. horaria 0.000007 0.000009 0.794 0.427

L35.Temp. prom aire -0.000003 0.000004 -0.702 0.483

L36.Conduct -0.001633 0.012096 -0.135 0.893

L36.Water 0.601147 NAN NAN NAN

L36.Temp -0.116773 NAN NAN NAN

L36.Precip. horaria -0.000012 0.000009 -1.341 0.180

L36.Temp. prom aire 0.000002 0.000004 0.460 0.646

L37.Conduct 0.002481 0.012204 0.203 0.839

L37.Water -0.971454 NAN NAN NAN

L37.Temp 1.172502 NAN NAN NAN

L37.Precip. horaria 0.000003 0.000009 0.298 0.766

L37.Temp. prom aire -0.000001 0.000004 -0.366 0.715

L38.Conduct -0.004618 0.012181 -0.379 0.705

L38.Water 0.634150 NAN NAN NAN

L38.Temp -1.222397 NAN NAN NAN

L38.Precip. horaria 0.000002 0.000009 0.202 0.840

L38.Temp. prom aire 0.000001 0.000004 0.242 0.809

L39.Conduct 0.007697 0.012266 0.628 0.530

L39.Water 0.022486 NAN NAN NAN

L39.Temp 0.199588 0.093045 2.145 0.032

L39.Precip. horaria -0.000001 0.000009 -0.129 0.897

L39.Temp. prom aire 0.000002 0.000004 0.410 0.682

L40.Conduct -0.004918 0.012242 -0.402 0.688

L40.Water -0.232037 NAN NAN NAN

L40.Temp 0.551302 NAN NAN NAN

L40.Precip. horaria -0.000008 0.000009 -0.955 0.339

L40.Temp. prom aire -0.000002 0.000004 -0.517 0.605

L41.Conduct 0.003622 0.012197 0.297 0.767

L41.Water -0.393379 NAN NAN NAN

L41.Temp -0.360252 NAN NAN NAN

L41.Precip. horaria 0.000003 0.000009 0.363 0.716

L41.Temp. prom aire 0.000003 0.000004 0.797 0.426

L42.Conduct -0.000393 0.012175 -0.032 0.974

L42.Water 1.612445 NAN NAN NAN

L42.Temp -0.155077 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000009 -0.123 0.902

L42.Temp. prom aire -0.000003 0.000004 -0.633 0.527

L43.Conduct -0.001386 0.012218 -0.113 0.910

L43.Water -3.241180 NAN NAN NAN

L43.Temp 0.428513 NAN NAN NAN

L43.Precip. horaria 0.000004 0.000009 0.437 0.662

L43.Temp. prom aire -0.000002 0.000004 -0.532 0.595

L44.Conduct 0.001023 0.012161 0.084 0.933

L44.Water 4.356447 NAN NAN NAN

L44.Temp -0.112114 0.274494 -0.408 0.683

L44.Precip. horaria -0.000003 0.000009 -0.375 0.707

L44.Temp. prom aire -0.000000 0.000004 -0.114 0.909

L45.Conduct -0.002904 0.011941 -0.243 0.808

L45.Water -3.661313 NAN NAN NAN

L45.Temp -0.816907 NAN NAN NAN

L45.Precip. horaria -0.000005 0.000009 -0.589 0.556

L45.Temp. prom aire 0.000003 0.000004 0.791 0.429

L46.Conduct 0.012276 0.011816 1.039 0.299

L46.Water 1.772015 NAN NAN NAN

L46.Temp 1.405219 NAN NAN NAN

L46.Precip. horaria -0.000004 0.000009 -0.466 0.641

L46.Temp. prom aire -0.000004 0.000004 -1.048 0.295

L47.Conduct -0.016772 0.008984 -1.867 0.062

L47.Water -0.424598 NAN NAN NAN

L47.Temp -0.951493 NAN NAN NAN

L47.Precip. horaria -0.000001 0.000009 -0.076 0.940

L47.Temp. prom aire 0.000003 0.000004 0.782 0.434

L48.Conduct 0.006785 0.002880 2.356 0.018

L48.Water 0.031786 NAN NAN NAN

L48.Temp 0.239527 NAN NAN NAN

L48.Precip. horaria 0.000000 0.000008 0.019 0.985

L48.Temp. prom aire 0.000002 0.000002 1.086 0.277

=============================================================

Results for equation Water

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coefficient std. error t-stat prob

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const 0.000006 0.000003 2.284 0.022

L1.Conduct 0.060316 NAN NAN NAN

L1.Water 5.317936 NAN NAN NAN

L1.Temp -0.041477 NAN NAN NAN

L1.Precip. horaria -0.000001 0.000001 -0.709 0.478

L1.Temp. prom aire -0.000000 0.000000 -1.048 0.295

L2.Conduct -0.301419 NAN NAN NAN

L2.Water -12.448054 NAN NAN NAN

L2.Temp 0.204397 NAN NAN NAN

L2.Precip. horaria 0.000001 0.000001 0.576 0.564

L2.Temp. prom aire 0.000000 0.000000 0.789 0.430

L3.Conduct 0.640641 NAN NAN NAN

L3.Water 17.524402 NAN NAN NAN

L3.Temp -0.427935 NAN NAN NAN

L3.Precip. horaria 0.000002 0.000001 1.951 0.051

L3.Temp. prom aire -0.000000 0.000000 -0.013 0.989

L4.Conduct -0.765153 NAN NAN NAN

L4.Water -17.772858 NAN NAN NAN

L4.Temp 0.509275 NAN NAN NAN

L4.Precip. horaria -0.000002 0.000001 -2.184 0.029

L4.Temp. prom aire -0.000000 0.000000 -0.125 0.901

L5.Conduct 0.574731 NAN NAN NAN

L5.Water 15.030414 NAN NAN NAN

L5.Temp -0.396026 NAN NAN NAN

L5.Precip. horaria -0.000003 0.000001 -2.424 0.015

L5.Temp. prom aire -0.000000 0.000000 -0.028 0.978

L6.Conduct -0.272529 NAN NAN NAN

L6.Water -11.351070 NAN NAN NAN

L6.Temp 0.211075 NAN NAN NAN

L6.Precip. horaria 0.000003 0.000001 2.545 0.011

L6.Temp. prom aire 0.000000 0.000000 0.233 0.816

L7.Conduct 0.036353 NAN NAN NAN

L7.Water 7.639291 NAN NAN NAN

L7.Temp -0.055969 NAN NAN NAN

L7.Precip. horaria -0.000001 0.000001 -0.889 0.374

L7.Temp. prom aire 0.000000 0.000000 0.620 0.535

L8.Conduct 0.084508 NAN NAN NAN

L8.Water -4.617515 NAN NAN NAN

L8.Temp -0.028340 NAN NAN NAN

L8.Precip. horaria -0.000003 0.000001 -2.586 0.010

L8.Temp. prom aire -0.000001 0.000000 -1.182 0.237

L9.Conduct -0.108474 NAN NAN NAN

L9.Water 2.457303 NAN NAN NAN

L9.Temp 0.050911 NAN NAN NAN

L9.Precip. horaria 0.000003 0.000001 2.627 0.009

L9.Temp. prom aire 0.000000 0.000000 0.165 0.869

L10.Conduct 0.092193 NAN NAN NAN

L10.Water -0.946246 NAN NAN NAN

L10.Temp -0.048851 NAN NAN NAN

L10.Precip. horaria -0.000002 0.000001 -2.009 0.045

L10.Temp. prom aire -0.000000 0.000000 -0.508 0.611

L11.Conduct -0.089652 NAN NAN NAN

L11.Water 0.015213 NAN NAN NAN

L11.Temp 0.050927 NAN NAN NAN

L11.Precip. horaria -0.000001 0.000001 -0.749 0.454

L11.Temp. prom aire 0.000000 0.000000 0.918 0.359

L12.Conduct 0.112420 NAN NAN NAN

L12.Water 0.381116 NAN NAN NAN

L12.Temp -0.066776 NAN NAN NAN

L12.Precip. horaria 0.000001 0.000001 1.394 0.163

L12.Temp. prom aire 0.000000 0.000000 0.379 0.704

L13.Conduct -0.118591 NAN NAN NAN

L13.Water -0.417748 NAN NAN NAN

L13.Temp 0.071973 NAN NAN NAN

L13.Precip. horaria -0.000001 0.000001 -0.868 0.385

L13.Temp. prom aire -0.000001 0.000000 -1.192 0.233

L14.Conduct 0.069125 NAN NAN NAN

L14.Water 0.354370 NAN NAN NAN

L14.Temp -0.042452 NAN NAN NAN

L14.Precip. horaria -0.000001 0.000001 -0.892 0.372

L14.Temp. prom aire 0.000000 0.000000 0.853 0.394

L15.Conduct 0.015123 NAN NAN NAN

L15.Water -0.444180 NAN NAN NAN

L15.Temp -0.007810 NAN NAN NAN

L15.Precip. horaria 0.000004 0.000001 3.583 0.000

L15.Temp. prom aire 0.000000 0.000000 0.046 0.963

L16.Conduct -0.073895 NAN NAN NAN

L16.Water 0.691477 NAN NAN NAN

L16.Temp 0.041863 NAN NAN NAN

L16.Precip. horaria 0.000000 0.000001 0.130 0.896

L16.Temp. prom aire -0.000000 0.000000 -0.438 0.662

L17.Conduct 0.064184 NAN NAN NAN

L17.Water -0.757164 NAN NAN NAN

L17.Temp -0.034774 NAN NAN NAN

L17.Precip. horaria -0.000001 0.000001 -0.990 0.322

L17.Temp. prom aire -0.000000 0.000000 -0.134 0.894

L18.Conduct -0.006838 NAN NAN NAN

L18.Water 0.501829 NAN NAN NAN

L18.Temp 0.002332 NAN NAN NAN

L18.Precip. horaria -0.000000 0.000001 -0.425 0.671

L18.Temp. prom aire -0.000000 0.000000 -0.727 0.467

L19.Conduct -0.041009 NAN NAN NAN

L19.Water -0.188789 NAN NAN NAN

L19.Temp 0.025088 NAN NAN NAN

L19.Precip. horaria 0.000002 0.000001 2.102 0.036

L19.Temp. prom aire 0.000001 0.000000 1.401 0.161

L20.Conduct 0.059278 NAN NAN NAN

L20.Water -0.081940 NAN NAN NAN

L20.Temp -0.036157 NAN NAN NAN

L20.Precip. horaria 0.000000 0.000001 0.351 0.726

L20.Temp. prom aire -0.000000 0.000000 -0.973 0.330

L21.Conduct -0.075896 NAN NAN NAN

L21.Water 0.472815 NAN NAN NAN

L21.Temp 0.045320 NAN NAN NAN

L21.Precip. horaria -0.000001 0.000001 -1.204 0.228

L21.Temp. prom aire 0.000000 0.000000 0.003 0.997

L22.Conduct 0.112582 NAN NAN NAN

L22.Water -1.349353 NAN NAN NAN

L22.Temp -0.068519 NAN NAN NAN

L22.Precip. horaria -0.000002 0.000001 -1.553 0.120

L22.Temp. prom aire 0.000000 0.000000 0.839 0.402

L23.Conduct -0.129101 NAN NAN NAN

L23.Water 2.853684 NAN NAN NAN

L23.Temp 0.064152 0.002513 25.528 0.000

L23.Precip. horaria -0.000003 0.000001 -3.067 0.002

L23.Temp. prom aire -0.000000 0.000000 -0.881 0.378

L24.Conduct 0.082742 0.004055 20.402 0.000

L24.Water -4.431612 NAN NAN NAN

L24.Temp 0.001053 NAN NAN NAN

L24.Precip. horaria 0.000006 0.000001 6.021 0.000

L24.Temp. prom aire 0.000000 0.000000 0.549 0.583

L25.Conduct -0.021660 0.004029 -5.376 0.000

L25.Water 6.252180 NAN NAN NAN

L25.Temp -0.081461 NAN NAN NAN

L25.Precip. horaria -0.000000 0.000001 -0.314 0.753

L25.Temp. prom aire -0.000000 0.000000 -0.021 0.983

L26.Conduct 0.001104 0.001460 0.757 0.449

L26.Water -8.919288 0.012705 -702.002 0.000

L26.Temp 0.184992 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000001 -2.055 0.040

L26.Temp. prom aire -0.000000 0.000000 -0.284 0.777

L27.Conduct -0.002364 0.001464 -1.614 0.106

L27.Water 11.037762 NAN NAN NAN

L27.Temp -0.343475 NAN NAN NAN

L27.Precip. horaria -0.000004 0.000001 -4.135 0.000

L27.Temp. prom aire -0.000000 0.000000 -0.742 0.458

L28.Conduct 0.001812 0.001455 1.245 0.213

L28.Water -10.848123 NAN NAN NAN

L28.Temp 0.438212 NAN NAN NAN

L28.Precip. horaria 0.000003 0.000001 3.342 0.001

L28.Temp. prom aire 0.000001 0.000000 1.203 0.229

L29.Conduct -0.000499 0.001428 -0.350 0.727

L29.Water 8.823635 NAN NAN NAN

L29.Temp -0.371289 NAN NAN NAN

L29.Precip. horaria 0.000001 0.000001 0.586 0.558

L29.Temp. prom aire -0.000000 0.000000 -0.719 0.472

L30.Conduct -0.000698 0.001424 -0.490 0.624

L30.Water -6.275794 NAN NAN NAN

L30.Temp 0.240997 NAN NAN NAN

L30.Precip. horaria 0.000002 0.000001 2.018 0.044

L30.Temp. prom aire 0.000000 0.000000 0.502 0.615

L31.Conduct 0.001148 0.001443 0.796 0.426

L31.Water 3.901774 NAN NAN NAN

L31.Temp -0.137721 NAN NAN NAN

L31.Precip. horaria -0.000005 0.000001 -4.828 0.000

L31.Temp. prom aire -0.000000 0.000000 -0.967 0.333

L32.Conduct -0.001375 0.001442 -0.953 0.340

L32.Water -1.988564 NAN NAN NAN

L32.Temp 0.015212 NAN NAN NAN

L32.Precip. horaria 0.000003 0.000001 3.250 0.001

L32.Temp. prom aire 0.000000 0.000000 0.463 0.643

L33.Conduct 0.000736 0.001435 0.513 0.608

L33.Water 0.535841 NAN NAN NAN

L33.Temp 0.157009 NAN NAN NAN

L33.Precip. horaria 0.000000 0.000001 0.007 0.995

L33.Temp. prom aire 0.000000 0.000000 0.910 0.363

L34.Conduct 0.000369 0.001447 0.255 0.799

L34.Water 0.488178 NAN NAN NAN

L34.Temp -0.290867 NAN NAN NAN

L34.Precip. horaria -0.000003 0.000001 -2.805 0.005

L34.Temp. prom aire -0.000000 0.000000 -0.676 0.499

L35.Conduct 0.001101 0.001432 0.769 0.442

L35.Water -0.939138 NAN NAN NAN

L35.Temp 0.304643 NAN NAN NAN

L35.Precip. horaria 0.000003 0.000001 2.885 0.004

L35.Temp. prom aire 0.000000 0.000000 0.112 0.911

L36.Conduct -0.001961 0.001433 -1.369 0.171

L36.Water 0.803837 NAN NAN NAN

L36.Temp -0.263096 NAN NAN NAN

L36.Precip. horaria -0.000005 0.000001 -4.839 0.000

L36.Temp. prom aire 0.000000 0.000000 0.208 0.835

L37.Conduct 0.001592 0.001445 1.101 0.271

L37.Water -0.352054 NAN NAN NAN

L37.Temp 0.231576 NAN NAN NAN

L37.Precip. horaria 0.000001 0.000001 0.564 0.573

L37.Temp. prom aire -0.000000 0.000000 -0.081 0.935

L38.Conduct -0.002764 0.001443 -1.916 0.055

L38.Water -0.144967 NAN NAN NAN

L38.Temp -0.146463 NAN NAN NAN

L38.Precip. horaria 0.000001 0.000001 0.925 0.355

L38.Temp. prom aire -0.000000 0.000000 -0.805 0.421

L39.Conduct 0.003171 0.001453 2.183 0.029

L39.Water 0.499764 NAN NAN NAN

L39.Temp 0.044166 0.011020 4.008 0.000

L39.Precip. horaria -0.000000 0.000001 -0.332 0.740

L39.Temp. prom aire 0.000000 0.000000 0.512 0.609

L40.Conduct -0.002100 0.001450 -1.449 0.147

L40.Water -0.544579 NAN NAN NAN

L40.Temp -0.068274 NAN NAN NAN

L40.Precip. horaria -0.000002 0.000001 -1.988 0.047

L40.Temp. prom aire -0.000000 0.000000 -0.360 0.719

L41.Conduct 0.000860 0.001445 0.595 0.552

L41.Water 0.320682 NAN NAN NAN

L41.Temp 0.140169 NAN NAN NAN

L41.Precip. horaria 0.000003 0.000001 3.189 0.001

L41.Temp. prom aire 0.000001 0.000000 1.428 0.153

L42.Conduct -0.000536 0.001442 -0.372 0.710

L42.Water 0.009597 NAN NAN NAN

L42.Temp -0.098629 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000001 -0.693 0.489

L42.Temp. prom aire -0.000000 0.000000 -0.365 0.715

L43.Conduct -0.000172 0.001447 -0.119 0.906

L43.Water -0.367360 NAN NAN NAN

L43.Temp 0.031066 NAN NAN NAN

L43.Precip. horaria 0.000002 0.000001 1.745 0.081

L43.Temp. prom aire -0.000000 0.000000 -0.583 0.560

L44.Conduct 0.003086 0.001440 2.143 0.032

L44.Water 0.526273 NAN NAN NAN

L44.Temp -0.055757 0.032510 -1.715 0.086

L44.Precip. horaria -0.000001 0.000001 -0.863 0.388

L44.Temp. prom aire -0.000000 0.000000 -0.454 0.650

L45.Conduct -0.004171 0.001414 -2.949 0.003

L45.Water -0.311161 NAN NAN NAN

L45.Temp 0.092990 NAN NAN NAN

L45.Precip. horaria 0.000001 0.000001 1.396 0.163

L45.Temp. prom aire 0.000001 0.000000 1.699 0.089

L46.Conduct 0.001850 0.001399 1.322 0.186

L46.Water 0.021166 NAN NAN NAN

L46.Temp -0.066513 NAN NAN NAN

L46.Precip. horaria 0.000001 0.000001 0.787 0.431

L46.Temp. prom aire -0.000001 0.000000 -2.053 0.040

L47.Conduct -0.000088 0.001064 -0.083 0.934

L47.Water 0.052646 NAN NAN NAN

L47.Temp 0.021957 NAN NAN NAN

L47.Precip. horaria -0.000002 0.000001 -1.728 0.084

L47.Temp. prom aire 0.000001 0.000000 1.876 0.061

L48.Conduct -0.000080 0.000341 -0.236 0.814

L48.Water -0.015627 NAN NAN NAN

L48.Temp -0.002724 NAN NAN NAN

L48.Precip. horaria 0.000001 0.000001 0.809 0.419

L48.Temp. prom aire -0.000000 0.000000 -1.213 0.225

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000045 0.000037 1.216 0.224

L1.Conduct -0.264516 NAN NAN NAN

L1.Water 1.715176 NAN NAN NAN

L1.Temp 3.095606 NAN NAN NAN

L1.Precip. horaria 0.000005 0.000012 0.431 0.667

L1.Temp. prom aire -0.000004 0.000003 -1.266 0.206

L2.Conduct 0.866907 NAN NAN NAN

L2.Water -7.390393 NAN NAN NAN

L2.Temp -3.060293 NAN NAN NAN

L2.Precip. horaria 0.000002 0.000014 0.128 0.898

L2.Temp. prom aire -0.000007 0.000006 -1.247 0.212

L3.Conduct -0.978152 NAN NAN NAN

L3.Water 13.476406 NAN NAN NAN

L3.Temp 0.860861 NAN NAN NAN

L3.Precip. horaria 0.000001 0.000014 0.075 0.941

L3.Temp. prom aire 0.000004 0.000006 0.587 0.557

L4.Conduct 0.460732 NAN NAN NAN

L4.Water -14.822047 NAN NAN NAN

L4.Temp -0.051380 NAN NAN NAN

L4.Precip. horaria -0.000000 0.000014 -0.030 0.976

L4.Temp. prom aire 0.000005 0.000006 0.771 0.440

L5.Conduct -0.289302 NAN NAN NAN

L5.Water 13.073676 NAN NAN NAN

L5.Temp 0.225352 NAN NAN NAN

L5.Precip. horaria 0.000005 0.000014 0.379 0.705

L5.Temp. prom aire -0.000002 0.000006 -0.252 0.801

L6.Conduct 0.468210 NAN NAN NAN

L6.Water -10.890650 NAN NAN NAN

L6.Temp -0.177979 NAN NAN NAN

L6.Precip. horaria 0.000007 0.000014 0.499 0.618

L6.Temp. prom aire 0.000010 0.000006 1.580 0.114

L7.Conduct -0.425265 NAN NAN NAN

L7.Water 7.956042 NAN NAN NAN

L7.Temp 0.240455 NAN NAN NAN

L7.Precip. horaria 0.000003 0.000014 0.231 0.817

L7.Temp. prom aire -0.000008 0.000006 -1.323 0.186

L8.Conduct 0.237180 NAN NAN NAN

L8.Water -4.989369 NAN NAN NAN

L8.Temp -0.121927 NAN NAN NAN

L8.Precip. horaria 0.000001 0.000014 0.084 0.933

L8.Temp. prom aire 0.000007 0.000006 1.152 0.249

L9.Conduct -0.132545 NAN NAN NAN

L9.Water 3.047845 NAN NAN NAN

L9.Temp 0.051547 NAN NAN NAN

L9.Precip. horaria 0.000005 0.000014 0.382 0.702

L9.Temp. prom aire -0.000004 0.000006 -0.694 0.488

L10.Conduct 0.140796 NAN NAN NAN

L10.Water -1.965091 NAN NAN NAN

L10.Temp -0.093363 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000014 -0.018 0.985

L10.Temp. prom aire -0.000001 0.000006 -0.123 0.902

L11.Conduct -0.200429 NAN NAN NAN

L11.Water 1.377383 NAN NAN NAN

L11.Temp 0.097137 NAN NAN NAN

L11.Precip. horaria 0.000001 0.000014 0.057 0.955

L11.Temp. prom aire 0.000005 0.000006 0.757 0.449

L12.Conduct 0.335252 NAN NAN NAN

L12.Water -1.123927 NAN NAN NAN

L12.Temp -0.201562 NAN NAN NAN

L12.Precip. horaria 0.000000 0.000014 0.020 0.984

L12.Temp. prom aire -0.000007 0.000006 -1.118 0.263

L13.Conduct -0.647946 NAN NAN NAN

L13.Water 1.259880 NAN NAN NAN

L13.Temp 0.372555 NAN NAN NAN

L13.Precip. horaria -0.000002 0.000014 -0.141 0.888

L13.Temp. prom aire 0.000007 0.000006 1.096 0.273

L14.Conduct 1.051746 NAN NAN NAN

L14.Water -1.843403 NAN NAN NAN

L14.Temp -0.614739 NAN NAN NAN

L14.Precip. horaria 0.000002 0.000014 0.123 0.902

L14.Temp. prom aire -0.000005 0.000006 -0.753 0.451

L15.Conduct -1.241144 NAN NAN NAN

L15.Water 2.369157 NAN NAN NAN

L15.Temp 0.734215 NAN NAN NAN

L15.Precip. horaria 0.000002 0.000014 0.162 0.872

L15.Temp. prom aire -0.000002 0.000006 -0.244 0.807

L16.Conduct 1.044775 NAN NAN NAN

L16.Water -2.073518 NAN NAN NAN

L16.Temp -0.607714 NAN NAN NAN

L16.Precip. horaria -0.000002 0.000014 -0.173 0.863

L16.Temp. prom aire 0.000000 0.000006 0.052 0.959

L17.Conduct -0.667673 NAN NAN NAN

L17.Water 1.152830 NAN NAN NAN

L17.Temp 0.397155 NAN NAN NAN

L17.Precip. horaria -0.000003 0.000014 -0.192 0.847

L17.Temp. prom aire 0.000001 0.000006 0.134 0.894

L18.Conduct 0.422717 NAN NAN NAN

L18.Water -0.539656 NAN NAN NAN

L18.Temp -0.247930 NAN NAN NAN

L18.Precip. horaria -0.000001 0.000014 -0.095 0.924

L18.Temp. prom aire 0.000001 0.000006 0.105 0.916

L19.Conduct -0.414737 NAN NAN NAN

L19.Water 0.470659 NAN NAN NAN

L19.Temp 0.240909 NAN NAN NAN

L19.Precip. horaria -0.000000 0.000014 -0.002 0.999

L19.Temp. prom aire 0.000002 0.000006 0.362 0.717

L20.Conduct 0.608355 NAN NAN NAN

L20.Water -0.647513 NAN NAN NAN

L20.Temp -0.358358 NAN NAN NAN

L20.Precip. horaria -0.000002 0.000014 -0.162 0.871

L20.Temp. prom aire 0.000001 0.000006 0.081 0.935

L21.Conduct -0.914583 NAN NAN NAN

L21.Water 0.943159 NAN NAN NAN

L21.Temp 0.527307 NAN NAN NAN

L21.Precip. horaria -0.000004 0.000014 -0.309 0.758

L21.Temp. prom aire 0.000001 0.000006 0.223 0.823

L22.Conduct 1.226907 NAN NAN NAN

L22.Water -1.369957 NAN NAN NAN

L22.Temp -0.716504 NAN NAN NAN

L22.Precip. horaria -0.000002 0.000014 -0.112 0.910

L22.Temp. prom aire -0.000002 0.000006 -0.303 0.762

L23.Conduct -1.411431 NAN NAN NAN

L23.Water 2.072765 NAN NAN NAN

L23.Temp 1.002189 0.033601 29.826 0.000

L23.Precip. horaria -0.000000 0.000014 -0.000 1.000

L23.Temp. prom aire 0.000002 0.000006 0.326 0.744

L24.Conduct 1.126768 0.054226 20.779 0.000

L24.Water -2.248109 NAN NAN NAN

L24.Temp -2.278921 NAN NAN NAN

L24.Precip. horaria 0.000002 0.000014 0.132 0.895

L24.Temp. prom aire -0.000001 0.000006 -0.164 0.870

L25.Conduct -0.426032 0.053873 -7.908 0.000

L25.Water 1.501567 NAN NAN NAN

L25.Temp 4.051535 NAN NAN NAN

L25.Precip. horaria -0.000004 0.000014 -0.321 0.748

L25.Temp. prom aire 0.000002 0.000006 0.330 0.742

L26.Conduct 0.004775 0.019517 0.245 0.807

L26.Water -2.152891 0.169884 -12.673 0.000

L26.Temp -2.576678 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000014 -0.133 0.894

L26.Temp. prom aire 0.000001 0.000006 0.216 0.829

L27.Conduct 0.008286 0.019580 0.423 0.672

L27.Water 4.741923 NAN NAN NAN

L27.Temp -1.879161 NAN NAN NAN

L27.Precip. horaria 0.000001 0.000014 0.048 0.961

L27.Temp. prom aire -0.000002 0.000006 -0.322 0.747

L28.Conduct 0.004510 0.019452 0.232 0.817

L28.Water -6.401501 NAN NAN NAN

L28.Temp 4.104154 NAN NAN NAN

L28.Precip. horaria 0.000004 0.000014 0.295 0.768

L28.Temp. prom aire -0.000002 0.000006 -0.280 0.780

L29.Conduct 0.003010 0.019099 0.158 0.875

L29.Water 6.186715 NAN NAN NAN

L29.Temp -2.944495 NAN NAN NAN

L29.Precip. horaria -0.000002 0.000014 -0.173 0.863

L29.Temp. prom aire -0.000001 0.000006 -0.105 0.916

L30.Conduct 0.000230 0.019045 0.012 0.990

L30.Water -5.159549 NAN NAN NAN

L30.Temp 0.852325 NAN NAN NAN

L30.Precip. horaria -0.000001 0.000014 -0.092 0.926

L30.Temp. prom aire -0.000005 0.000006 -0.817 0.414

L31.Conduct 0.002829 0.019292 0.147 0.883

L31.Water 3.832254 NAN NAN NAN

L31.Temp 0.393508 NAN NAN NAN

L31.Precip. horaria -0.000008 0.000014 -0.560 0.575

L31.Temp. prom aire 0.000000 0.000006 0.005 0.996

L32.Conduct 0.001124 0.019285 0.058 0.954

L32.Water -2.529435 NAN NAN NAN

L32.Temp -0.410137 NAN NAN NAN

L32.Precip. horaria 0.000002 0.000014 0.135 0.893

L32.Temp. prom aire 0.000001 0.000006 0.142 0.887

L33.Conduct -0.000063 0.019181 -0.003 0.997

L33.Water 1.360760 NAN NAN NAN

L33.Temp 0.110432 NAN NAN NAN

L33.Precip. horaria -0.000003 0.000014 -0.200 0.842

L33.Temp. prom aire -0.000003 0.000006 -0.483 0.629

L34.Conduct 0.000141 0.019354 0.007 0.994

L34.Water -0.233451 NAN NAN NAN

L34.Temp 0.224814 NAN NAN NAN

L34.Precip. horaria -0.000001 0.000014 -0.100 0.920

L34.Temp. prom aire 0.000006 0.000006 0.901 0.368

L35.Conduct 0.000541 0.019149 0.028 0.977

L35.Water -0.615990 NAN NAN NAN

L35.Temp -0.638265 NAN NAN NAN

L35.Precip. horaria 0.000003 0.000014 0.211 0.833

L35.Temp. prom aire -0.000004 0.000006 -0.690 0.490

L36.Conduct -0.001925 0.019156 -0.100 0.920

L36.Water 0.940436 NAN NAN NAN

L36.Temp 0.484241 NAN NAN NAN

L36.Precip. horaria -0.000004 0.000014 -0.321 0.748

L36.Temp. prom aire 0.000002 0.000006 0.359 0.720

L37.Conduct -0.000319 0.019326 -0.017 0.987

L37.Water -0.903700 NAN NAN NAN

L37.Temp 0.206698 NAN NAN NAN

L37.Precip. horaria 0.000003 0.000014 0.238 0.812

L37.Temp. prom aire -0.000001 0.000006 -0.104 0.917

L38.Conduct -0.004585 0.019289 -0.238 0.812

L38.Water 0.741667 NAN NAN NAN

L38.Temp -0.513536 NAN NAN NAN

L38.Precip. horaria -0.000001 0.000014 -0.054 0.957

L38.Temp. prom aire 0.000002 0.000006 0.272 0.785

L39.Conduct 0.006484 0.019425 0.334 0.739

L39.Water -0.484454 NAN NAN NAN

L39.Temp 0.083830 0.147346 0.569 0.569

L39.Precip. horaria -0.000003 0.000014 -0.183 0.855

L39.Temp. prom aire 0.000001 0.000006 0.170 0.865

L40.Conduct -0.003162 0.019386 -0.163 0.870

L40.Water 0.336403 NAN NAN NAN

L40.Temp 0.480320 NAN NAN NAN

L40.Precip. horaria -0.000002 0.000014 -0.126 0.900

L40.Temp. prom aire -0.000000 0.000006 -0.048 0.962

L41.Conduct 0.002334 0.019316 0.121 0.904

L41.Water -0.528285 NAN NAN NAN

L41.Temp -0.794079 NAN NAN NAN

L41.Precip. horaria 0.000000 0.000014 0.032 0.974

L41.Temp. prom aire -0.000001 0.000006 -0.150 0.881

L42.Conduct 0.000517 0.019280 0.027 0.979

L42.Water 0.807906 NAN NAN NAN

L42.Temp 0.858912 NAN NAN NAN

L42.Precip. horaria -0.000006 0.000014 -0.462 0.644

L42.Temp. prom aire -0.000001 0.000006 -0.181 0.856

L43.Conduct -0.000898 0.019349 -0.046 0.963

L43.Water -0.814270 NAN NAN NAN

L43.Temp -0.713114 NAN NAN NAN

L43.Precip. horaria -0.000002 0.000014 -0.170 0.865

L43.Temp. prom aire -0.000003 0.000006 -0.427 0.670

L44.Conduct -0.002182 0.019259 -0.113 0.910

L44.Water 0.561148 NAN NAN NAN

L44.Temp 0.971111 0.434690 2.234 0.025

L44.Precip. horaria -0.000005 0.000014 -0.346 0.729

L44.Temp. prom aire -0.000001 0.000006 -0.114 0.909

L45.Conduct -0.000032 0.018910 -0.002 0.999

L45.Water -0.209208 NAN NAN NAN

L45.Temp -1.998837 NAN NAN NAN

L45.Precip. horaria 0.000001 0.000014 0.095 0.924

L45.Temp. prom aire -0.000001 0.000006 -0.131 0.896

L46.Conduct 0.006717 0.018712 0.359 0.720

L46.Water -0.087101 NAN NAN NAN

L46.Temp 2.539791 NAN NAN NAN

L46.Precip. horaria -0.000005 0.000014 -0.374 0.708

L46.Temp. prom aire 0.000002 0.000006 0.268 0.788

L47.Conduct -0.006769 0.014227 -0.476 0.634

L47.Water 0.147925 NAN NAN NAN

L47.Temp -1.605062 NAN NAN NAN

L47.Precip. horaria -0.000006 0.000014 -0.446 0.656

L47.Temp. prom aire -0.000001 0.000006 -0.245 0.806

L48.Conduct 0.001847 0.004560 0.405 0.685

L48.Water -0.050211 NAN NAN NAN

L48.Temp 0.397073 NAN NAN NAN

L48.Precip. horaria 0.000001 0.000012 0.076 0.939

L48.Temp. prom aire 0.000006 0.000003 1.857 0.063

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.079469 0.028283 -2.810 0.005

L1.Conduct 80.668175 NAN NAN NAN

L1.Water -29.591171 NAN NAN NAN

L1.Temp -40.791875 NAN NAN NAN

L1.Precip. horaria 0.580345 0.009328 62.217 0.000

L1.Temp. prom aire -0.001666 0.002639 -0.631 0.528

L2.Conduct -298.194418 NAN NAN NAN

L2.Water -482.369487 NAN NAN NAN

L2.Temp 158.145633 NAN NAN NAN

L2.Precip. horaria 0.141756 0.010739 13.201 0.000

L2.Temp. prom aire 0.006982 0.004597 1.519 0.129

L3.Conduct 431.517049 NAN NAN NAN

L3.Water 3014.253629 NAN NAN NAN

L3.Temp -243.026947 NAN NAN NAN

L3.Precip. horaria 0.009004 0.010796 0.834 0.404

L3.Temp. prom aire -0.004887 0.004836 -1.011 0.312

L4.Conduct -309.185444 NAN NAN NAN

L4.Water -7793.878354 NAN NAN NAN

L4.Temp 192.546651 NAN NAN NAN

L4.Precip. horaria -0.035037 0.010794 -3.246 0.001

L4.Temp. prom aire 0.002549 0.004832 0.528 0.598

L5.Conduct 126.274222 NAN NAN NAN

L5.Water 12615.717726 NAN NAN NAN

L5.Temp -104.449453 NAN NAN NAN

L5.Precip. horaria 0.002729 0.010792 0.253 0.800

L5.Temp. prom aire -0.003590 0.004844 -0.741 0.459

L6.Conduct -98.967215 NAN NAN NAN

L6.Water -15247.255415 NAN NAN NAN

L6.Temp 101.437939 NAN NAN NAN

L6.Precip. horaria 0.008789 0.010801 0.814 0.416

L6.Temp. prom aire 0.003359 0.004838 0.694 0.487

L7.Conduct 217.042851 NAN NAN NAN

L7.Water 15638.087411 NAN NAN NAN

L7.Temp -172.594787 NAN NAN NAN

L7.Precip. horaria 0.042963 0.010820 3.971 0.000

L7.Temp. prom aire -0.002617 0.004842 -0.540 0.589

L8.Conduct -311.650965 NAN NAN NAN

L8.Water -15532.029339 NAN NAN NAN

L8.Temp 226.682395 NAN NAN NAN

L8.Precip. horaria -0.044022 0.010814 -4.071 0.000

L8.Temp. prom aire 0.003727 0.004837 0.770 0.441

L9.Conduct 244.437120 NAN NAN NAN

L9.Water 16048.627708 NAN NAN NAN

L9.Temp -193.256492 NAN NAN NAN

L9.Precip. horaria 0.030030 0.010784 2.785 0.005

L9.Temp. prom aire -0.002341 0.004837 -0.484 0.628

L10.Conduct -67.849420 NAN NAN NAN

L10.Water -16560.601453 NAN NAN NAN

L10.Temp 92.859589 NAN NAN NAN

L10.Precip. horaria 0.044856 0.010823 4.144 0.000

L10.Temp. prom aire 0.003337 0.004842 0.689 0.491

L11.Conduct -134.434643 NAN NAN NAN

L11.Water 16929.549688 NAN NAN NAN

L11.Temp 29.959557 NAN NAN NAN

L11.Precip. horaria -0.011574 0.010811 -1.071 0.284

L11.Temp. prom aire -0.000994 0.004828 -0.206 0.837

L12.Conduct 362.937020 NAN NAN NAN

L12.Water -18030.225355 NAN NAN NAN

L12.Temp -165.019320 NAN NAN NAN

L12.Precip. horaria 0.038210 0.010815 3.533 0.000

L12.Temp. prom aire -0.004727 0.004837 -0.977 0.328

L13.Conduct -534.716285 NAN NAN NAN

L13.Water 18764.363290 NAN NAN NAN

L13.Temp 254.794921 NAN NAN NAN

L13.Precip. horaria -0.010031 0.010824 -0.927 0.354

L13.Temp. prom aire 0.003827 0.004838 0.791 0.429

L14.Conduct 514.401173 NAN NAN NAN

L14.Water -15998.513102 NAN NAN NAN

L14.Temp -234.733319 NAN NAN NAN

L14.Precip. horaria -0.018106 0.010819 -1.673 0.094

L14.Temp. prom aire 0.001892 0.004843 0.391 0.696

L15.Conduct -293.506319 NAN NAN NAN

L15.Water 8112.722033 NAN NAN NAN

L15.Temp 117.189650 NAN NAN NAN

L15.Precip. horaria 0.013142 0.010818 1.215 0.224

L15.Temp. prom aire -0.003136 0.004840 -0.648 0.517

L16.Conduct -32.142051 NAN NAN NAN

L16.Water 3678.766341 NAN NAN NAN

L16.Temp 48.417972 NAN NAN NAN

L16.Precip. horaria -0.018989 0.010813 -1.756 0.079

L16.Temp. prom aire 0.001725 0.004842 0.356 0.722

L17.Conduct 285.107059 NAN NAN NAN

L17.Water -15776.206933 NAN NAN NAN

L17.Temp -151.788504 NAN NAN NAN

L17.Precip. horaria 0.002894 0.010819 0.267 0.789

L17.Temp. prom aire 0.000651 0.004840 0.135 0.893

L18.Conduct -370.702040 NAN NAN NAN

L18.Water 23550.161508 NAN NAN NAN

L18.Temp 157.287889 NAN NAN NAN

L18.Precip. horaria 0.008778 0.010778 0.814 0.415

L18.Temp. prom aire -0.000735 0.004841 -0.152 0.879

L19.Conduct 496.748628 NAN NAN NAN

L19.Water -25864.950045 NAN NAN NAN

L19.Temp -222.036790 NAN NAN NAN

L19.Precip. horaria -0.012157 0.010751 -1.131 0.258

L19.Temp. prom aire -0.002730 0.004845 -0.564 0.573

L20.Conduct -728.283556 NAN NAN NAN

L20.Water 25692.537547 NAN NAN NAN

L20.Temp 358.091836 NAN NAN NAN

L20.Precip. horaria -0.009830 0.010813 -0.909 0.363

L20.Temp. prom aire 0.007537 0.004839 1.558 0.119

L21.Conduct 749.992221 NAN NAN NAN

L21.Water -24168.327157 NAN NAN NAN

L21.Temp -360.507418 NAN NAN NAN

L21.Precip. horaria -0.014613 0.010689 -1.367 0.172

L21.Temp. prom aire -0.004506 0.004847 -0.930 0.353

L22.Conduct -475.974269 NAN NAN NAN

L22.Water 20220.100350 NAN NAN NAN

L22.Temp 212.271792 NAN NAN NAN

L22.Precip. horaria 0.002759 0.010767 0.256 0.798

L22.Temp. prom aire 0.000613 0.004843 0.126 0.899

L23.Conduct 174.111460 NAN NAN NAN

L23.Water -15975.043862 NAN NAN NAN

L23.Temp -75.768619 25.923136 -2.923 0.003

L23.Precip. horaria 0.032474 0.010824 3.000 0.003

L23.Temp. prom aire -0.002940 0.004848 -0.606 0.544

L24.Conduct -17.939537 41.834988 -0.429 0.668

L24.Water 14650.086885 NAN NAN NAN

L24.Temp -98.007453 NAN NAN NAN

L24.Precip. horaria -0.008040 0.010804 -0.744 0.457

L24.Temp. prom aire -0.001581 0.004825 -0.328 0.743

L25.Conduct -15.080084 41.562992 -0.363 0.717

L25.Water -14387.199147 NAN NAN NAN

L25.Temp 443.938176 NAN NAN NAN

L25.Precip. horaria -0.031253 0.010762 -2.904 0.004

L25.Temp. prom aire 0.005070 0.004827 1.050 0.294

L26.Conduct 3.822099 15.057145 0.254 0.800

L26.Water 11221.384225 131.065420 85.617 0.000

L26.Temp -715.156159 NAN NAN NAN

L26.Precip. horaria 0.015251 0.010806 1.411 0.158

L26.Temp. prom aire 0.000511 0.004844 0.105 0.916

L27.Conduct 4.262542 15.106088 0.282 0.778

L27.Water -5393.685214 NAN NAN NAN

L27.Temp 625.767033 NAN NAN NAN

L27.Precip. horaria 0.002000 0.010794 0.185 0.853

L27.Temp. prom aire -0.005036 0.004843 -1.040 0.298

L28.Conduct -6.153099 15.007078 -0.410 0.682

L28.Water -189.095135 NAN NAN NAN

L28.Temp -393.882042 NAN NAN NAN

L28.Precip. horaria 0.022185 0.010745 2.065 0.039

L28.Temp. prom aire 0.004799 0.004842 0.991 0.322

L29.Conduct 7.263126 14.735019 0.493 0.622

L29.Water 4240.025554 NAN NAN NAN

L29.Temp 254.786203 NAN NAN NAN

L29.Precip. horaria -0.021072 0.010785 -1.954 0.051

L29.Temp. prom aire -0.005901 0.004843 -1.218 0.223

L30.Conduct -7.225281 14.693463 -0.492 0.623

L30.Water -6877.807385 NAN NAN NAN

L30.Temp -154.873718 NAN NAN NAN

L30.Precip. horaria 0.003339 0.010809 0.309 0.757

L30.Temp. prom aire 0.008083 0.004843 1.669 0.095

L31.Conduct 3.203356 14.884117 0.215 0.830

L31.Water 8520.788272 NAN NAN NAN

L31.Temp 57.153867 NAN NAN NAN

L31.Precip. horaria 0.002598 0.010814 0.240 0.810

L31.Temp. prom aire -0.006083 0.004843 -1.256 0.209

L32.Conduct 1.480002 14.878284 0.099 0.921

L32.Water -10461.622914 NAN NAN NAN

L32.Temp 214.226941 NAN NAN NAN

L32.Precip. horaria 0.009699 0.010812 0.897 0.370

L32.Temp. prom aire 0.003555 0.004841 0.734 0.463

L33.Conduct 0.252504 14.798323 0.017 0.986

L33.Water 13363.524315 NAN NAN NAN

L33.Temp -637.158867 NAN NAN NAN

L33.Precip. horaria -0.002487 0.010806 -0.230 0.818

L33.Temp. prom aire -0.007855 0.004837 -1.624 0.104

L34.Conduct -4.310679 14.931812 -0.289 0.773

L34.Water -15418.517570 NAN NAN NAN

L34.Temp 589.709078 NAN NAN NAN

L34.Precip. horaria -0.006744 0.010807 -0.624 0.533

L34.Temp. prom aire 0.007419 0.004841 1.533 0.125

L35.Conduct 4.269236 14.773221 0.289 0.773

L35.Water 14555.855277 NAN NAN NAN

L35.Temp 81.411824 NAN NAN NAN

L35.Precip. horaria -0.017431 0.010806 -1.613 0.107

L35.Temp. prom aire -0.006351 0.004842 -1.312 0.190

L36.Conduct -1.904345 14.778854 -0.129 0.897

L36.Water -11178.698457 NAN NAN NAN

L36.Temp -710.368946 NAN NAN NAN

L36.Precip. horaria 0.005512 0.010805 0.510 0.610

L36.Temp. prom aire 0.008846 0.004841 1.828 0.068

L37.Conduct 1.678481 14.910308 0.113 0.910

L37.Water 7343.844793 NAN NAN NAN

L37.Temp 958.113365 NAN NAN NAN

L37.Precip. horaria 0.003192 0.010804 0.295 0.768

L37.Temp. prom aire -0.004172 0.004844 -0.861 0.389

L38.Conduct -5.088374 14.881594 -0.342 0.732

L38.Water -4551.031220 NAN NAN NAN

L38.Temp -983.296346 NAN NAN NAN

L38.Precip. horaria -0.002628 0.010802 -0.243 0.808

L38.Temp. prom aire 0.002026 0.004845 0.418 0.676

L39.Conduct 7.167330 14.986423 0.478 0.632

L39.Water 2821.006253 NAN NAN NAN

L39.Temp 907.932881 113.677443 7.987 0.000

L39.Precip. horaria 0.008913 0.010782 0.827 0.408

L39.Temp. prom aire -0.005876 0.004846 -1.212 0.225

L40.Conduct -2.692197 14.956428 -0.180 0.857

L40.Water -837.784832 NAN NAN NAN

L40.Temp -892.459298 NAN NAN NAN

L40.Precip. horaria -0.015286 0.010791 -1.417 0.157

L40.Temp. prom aire 0.005791 0.004846 1.195 0.232

L41.Conduct 1.268024 14.902182 0.085 0.932

L41.Water -2759.740550 NAN NAN NAN

L41.Temp 994.980219 NAN NAN NAN

L41.Precip. horaria 0.005064 0.010776 0.470 0.638

L41.Temp. prom aire -0.004887 0.004848 -1.008 0.313

L42.Conduct -6.973597 14.874841 -0.469 0.639

L42.Water 6980.395915 NAN NAN NAN

L42.Temp -921.934635 NAN NAN NAN

L42.Precip. horaria -0.011456 0.010762 -1.064 0.287

L42.Temp. prom aire 0.000517 0.004844 0.107 0.915

L43.Conduct 6.973588 14.927884 0.467 0.640

L43.Water -8791.832404 NAN NAN NAN

L43.Temp 533.611562 NAN NAN NAN

L43.Precip. horaria 0.005557 0.010770 0.516 0.606

L43.Temp. prom aire 0.004819 0.004848 0.994 0.320

L44.Conduct -1.063883 14.857919 -0.072 0.943

L44.Water 7198.985124 NAN NAN NAN

L44.Temp -112.734754 335.362293 -0.336 0.737

L44.Precip. horaria 0.008123 0.010758 0.755 0.450

L44.Temp. prom aire -0.003308 0.004844 -0.683 0.495

L45.Conduct -1.420158 14.589386 -0.097 0.922

L45.Water -4393.607802 NAN NAN NAN

L45.Temp -93.626020 NAN NAN NAN

L45.Precip. horaria 0.017072 0.010740 1.590 0.112

L45.Temp. prom aire -0.003457 0.004841 -0.714 0.475

L46.Conduct 0.765719 14.436593 0.053 0.958

L46.Water 2227.546089 NAN NAN NAN

L46.Temp 100.048261 NAN NAN NAN

L46.Precip. horaria -0.011216 0.010745 -1.044 0.297

L46.Temp. prom aire 0.005168 0.004843 1.067 0.286

L47.Conduct -0.298037 10.976208 -0.027 0.978

L47.Water -850.000155 NAN NAN NAN

L47.Temp -39.112916 NAN NAN NAN

L47.Precip. horaria 0.017142 0.010664 1.607 0.108

L47.Temp. prom aire 0.001072 0.004601 0.233 0.816

L48.Conduct 0.112682 3.518367 0.032 0.974

L48.Water 161.288057 NAN NAN NAN

L48.Temp 5.220019 NAN NAN NAN

L48.Precip. horaria -0.007119 0.009275 -0.768 0.443

L48.Temp. prom aire -0.002976 0.002646 -1.125 0.261

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.360900 0.100112 3.605 0.000

L1.Conduct 211.274515 NAN NAN NAN

L1.Water -777.404246 NAN NAN NAN

L1.Temp -142.678030 NAN NAN NAN

L1.Precip. horaria 0.044695 0.033017 1.354 0.176

L1.Temp. prom aire 1.428102 0.009340 152.907 0.000

L2.Conduct -1091.690765 NAN NAN NAN

L2.Water 4161.281116 NAN NAN NAN

L2.Temp 612.379565 NAN NAN NAN

L2.Precip. horaria 0.012519 0.038011 0.329 0.742

L2.Temp. prom aire -0.575390 0.016273 -35.359 0.000

L3.Conduct 2210.092276 NAN NAN NAN

L3.Water -8731.066260 NAN NAN NAN

L3.Temp -1065.232078 NAN NAN NAN

L3.Precip. horaria -0.017656 0.038213 -0.462 0.644

L3.Temp. prom aire 0.076179 0.017119 4.450 0.000

L4.Conduct -2174.899097 NAN NAN NAN

L4.Water 9223.500695 NAN NAN NAN

L4.Temp 998.375452 NAN NAN NAN

L4.Precip. horaria -0.010674 0.038207 -0.279 0.780

L4.Temp. prom aire -0.024951 0.017105 -1.459 0.145

L5.Conduct 1209.390325 NAN NAN NAN

L5.Water -6455.603670 NAN NAN NAN

L5.Temp -684.197168 NAN NAN NAN

L5.Precip. horaria 0.004341 0.038200 0.114 0.910

L5.Temp. prom aire -0.017921 0.017145 -1.045 0.296

L6.Conduct -1069.554523 NAN NAN NAN

L6.Water 6571.278025 NAN NAN NAN

L6.Temp 716.341195 NAN NAN NAN

L6.Precip. horaria 0.016891 0.038232 0.442 0.659

L6.Temp. prom aire 0.018678 0.017126 1.091 0.275

L7.Conduct 1830.127531 NAN NAN NAN

L7.Water -8727.773833 NAN NAN NAN

L7.Temp -1119.845500 NAN NAN NAN

L7.Precip. horaria 0.010811 0.038300 0.282 0.778

L7.Temp. prom aire -0.032965 0.017140 -1.923 0.054

L8.Conduct -2310.492710 NAN NAN NAN

L8.Water 8730.168754 NAN NAN NAN

L8.Temp 1471.353858 NAN NAN NAN

L8.Precip. horaria 0.039464 0.038277 1.031 0.303

L8.Temp. prom aire 0.012218 0.017122 0.714 0.475

L9.Conduct 2351.589095 NAN NAN NAN

L9.Water -7858.016701 NAN NAN NAN

L9.Temp -1409.579412 NAN NAN NAN

L9.Precip. horaria -0.034770 0.038173 -0.911 0.362

L9.Temp. prom aire 0.007722 0.017120 0.451 0.652

L10.Conduct -2083.218934 NAN NAN NAN

L10.Water 8543.112374 NAN NAN NAN

L10.Temp 1151.441342 NAN NAN NAN

L10.Precip. horaria -0.050138 0.038310 -1.309 0.191

L10.Temp. prom aire -0.002564 0.017140 -0.150 0.881

L11.Conduct 1187.526700 NAN NAN NAN

L11.Water -10574.898131 NAN NAN NAN

L11.Temp -823.509398 NAN NAN NAN

L11.Precip. horaria 0.003816 0.038268 0.100 0.921

L11.Temp. prom aire -0.016144 0.017090 -0.945 0.345

L12.Conduct 71.894693 NAN NAN NAN

L12.Water 12224.342682 NAN NAN NAN

L12.Temp 65.049716 NAN NAN NAN

L12.Precip. horaria 0.023497 0.038281 0.614 0.539

L12.Temp. prom aire 0.017953 0.017123 1.048 0.294

L13.Conduct -615.679833 NAN NAN NAN

L13.Water -11064.909113 NAN NAN NAN

L13.Temp 480.003961 NAN NAN NAN

L13.Precip. horaria -0.010494 0.038313 -0.274 0.784

L13.Temp. prom aire -0.018279 0.017125 -1.067 0.286

L14.Conduct -292.528286 NAN NAN NAN

L14.Water 7146.448544 NAN NAN NAN

L14.Temp 61.666780 NAN NAN NAN

L14.Precip. horaria -0.003817 0.038297 -0.100 0.921

L14.Temp. prom aire 0.027785 0.017142 1.621 0.105

L15.Conduct 2074.640570 NAN NAN NAN

L15.Water -4154.522262 NAN NAN NAN

L15.Temp -1207.751165 NAN NAN NAN

L15.Precip. horaria 0.025379 0.038291 0.663 0.507

L15.Temp. prom aire -0.015714 0.017134 -0.917 0.359

L16.Conduct -3517.813136 NAN NAN NAN

L16.Water 4223.699312 NAN NAN NAN

L16.Temp 2014.417148 NAN NAN NAN

L16.Precip. horaria -0.018260 0.038274 -0.477 0.633

L16.Temp. prom aire -0.001558 0.017140 -0.091 0.928

L17.Conduct 4437.661929 NAN NAN NAN

L17.Water -6625.625416 NAN NAN NAN

L17.Temp -2489.907706 NAN NAN NAN

L17.Precip. horaria 0.007071 0.038295 0.185 0.854

L17.Temp. prom aire 0.020301 0.017133 1.185 0.236

L18.Conduct -5350.439229 NAN NAN NAN

L18.Water 11037.323281 NAN NAN NAN

L18.Temp 3060.546891 NAN NAN NAN

L18.Precip. horaria 0.005651 0.038151 0.148 0.882

L18.Temp. prom aire -0.021254 0.017135 -1.240 0.215

L19.Conduct 5673.605386 NAN NAN NAN

L19.Water -14670.254594 NAN NAN NAN

L19.Temp -3228.281401 NAN NAN NAN

L19.Precip. horaria -0.030552 0.038056 -0.803 0.422

L19.Temp. prom aire 0.021529 0.017150 1.255 0.209

L20.Conduct -4585.695877 NAN NAN NAN

L20.Water 13271.882613 NAN NAN NAN

L20.Temp 2566.276289 NAN NAN NAN

L20.Precip. horaria -0.011958 0.038275 -0.312 0.755

L20.Temp. prom aire -0.019897 0.017129 -1.162 0.245

L21.Conduct 2894.150977 NAN NAN NAN

L21.Water -9416.518007 NAN NAN NAN

L21.Temp -1586.585446 NAN NAN NAN

L21.Precip. horaria 0.019042 0.037835 0.503 0.615

L21.Temp. prom aire 0.014056 0.017155 0.819 0.413

L22.Conduct -1817.510008 NAN NAN NAN

L22.Water 8488.816912 NAN NAN NAN

L22.Temp 943.521178 NAN NAN NAN

L22.Precip. horaria 0.000653 0.038113 0.017 0.986

L22.Temp. prom aire 0.033905 0.017143 1.978 0.048

L23.Conduct 1264.546278 NAN NAN NAN

L23.Water -8956.107583 NAN NAN NAN

L23.Temp 1858.157328 91.759090 20.250 0.000

L23.Precip. horaria 0.022996 0.038314 0.600 0.548

L23.Temp. prom aire 0.052422 0.017161 3.055 0.002

L24.Conduct -691.144345 148.081641 -4.667 0.000

L24.Water 6867.370193 NAN NAN NAN

L24.Temp -10393.371799 NAN NAN NAN

L24.Precip. horaria -0.010069 0.038244 -0.263 0.792

L24.Temp. prom aire 0.120284 0.017078 7.043 0.000

L25.Conduct 206.709849 147.118866 1.405 0.160

L25.Water -3351.431117 NAN NAN NAN

L25.Temp 18675.057722 NAN NAN NAN

L25.Precip. horaria 0.020648 0.038094 0.542 0.588

L25.Temp. prom aire -0.176258 0.017085 -10.317 0.000

L26.Conduct -42.967637 53.297177 -0.806 0.420

L26.Water 1113.960946 463.927041 2.401 0.016

L26.Temp -16902.220835 NAN NAN NAN

L26.Precip. horaria 0.000237 0.038249 0.006 0.995

L26.Temp. prom aire 0.003065 0.017147 0.179 0.858

L27.Conduct 52.771694 53.470416 0.987 0.324

L27.Water 574.007447 NAN NAN NAN

L27.Temp 7806.720821 NAN NAN NAN

L27.Precip. horaria -0.018061 0.038207 -0.473 0.636

L27.Temp. prom aire 0.010967 0.017142 0.640 0.522

L28.Conduct -63.471173 53.119956 -1.195 0.232

L28.Water -3111.914127 NAN NAN NAN

L28.Temp -273.837275 NAN NAN NAN

L28.Precip. horaria 0.007358 0.038035 0.193 0.847

L28.Temp. prom aire -0.013621 0.017140 -0.795 0.427

L29.Conduct 58.671098 52.156961 1.125 0.261

L29.Water 4902.495656 NAN NAN NAN

L29.Temp -3148.041385 NAN NAN NAN

L29.Precip. horaria -0.034138 0.038174 -0.894 0.371

L29.Temp. prom aire 0.021367 0.017144 1.246 0.213

L30.Conduct -42.266308 52.009866 -0.813 0.416

L30.Water -4624.288809 NAN NAN NAN

L30.Temp 2928.638273 NAN NAN NAN

L30.Precip. horaria -0.009364 0.038260 -0.245 0.807

L30.Temp. prom aire 0.011271 0.017144 0.657 0.511

L31.Conduct 9.866542 52.684716 0.187 0.851

L31.Water 3887.098910 NAN NAN NAN

L31.Temp -794.434897 NAN NAN NAN

L31.Precip. horaria -0.018512 0.038278 -0.484 0.629

L31.Temp. prom aire -0.013621 0.017143 -0.795 0.427

L32.Conduct 26.250483 52.664068 0.498 0.618

L32.Water -3880.346128 NAN NAN NAN

L32.Temp 794.228318 NAN NAN NAN

L32.Precip. horaria 0.042616 0.038271 1.114 0.265

L32.Temp. prom aire -0.003176 0.017135 -0.185 0.853

L33.Conduct -36.952807 52.381034 -0.705 0.481

L33.Water 4063.147198 NAN NAN NAN

L33.Temp -2885.272546 NAN NAN NAN

L33.Precip. horaria 0.007026 0.038249 0.184 0.854

L33.Temp. prom aire 0.017909 0.017122 1.046 0.296

L34.Conduct 9.901031 52.853538 0.187 0.851

L34.Water -3974.471716 NAN NAN NAN

L34.Temp 2421.690936 NAN NAN NAN

L34.Precip. horaria -0.029708 0.038252 -0.777 0.437

L34.Temp. prom aire -0.020521 0.017135 -1.198 0.231

L35.Conduct 13.281630 52.292182 0.254 0.800

L35.Water 3740.643103 NAN NAN NAN

L35.Temp 1484.163770 NAN NAN NAN

L35.Precip. horaria 0.019432 0.038250 0.508 0.611

L35.Temp. prom aire 0.030660 0.017138 1.789 0.074

L36.Conduct -20.688983 52.312122 -0.395 0.692

L36.Water -3906.369194 NAN NAN NAN

L36.Temp -4186.956518 NAN NAN NAN

L36.Precip. horaria -0.016471 0.038247 -0.431 0.667

L36.Temp. prom aire -0.036961 0.017134 -2.157 0.031

L37.Conduct 33.955881 52.777425 0.643 0.520

L37.Water 5148.340589 NAN NAN NAN

L37.Temp 1780.841782 NAN NAN NAN

L37.Precip. horaria -0.034069 0.038243 -0.891 0.373

L37.Temp. prom aire 0.022622 0.017145 1.319 0.187

L38.Conduct -25.596824 52.675786 -0.486 0.627

L38.Water -7395.365773 NAN NAN NAN

L38.Temp 4372.981567 NAN NAN NAN

L38.Precip. horaria -0.000638 0.038235 -0.017 0.987

L38.Temp. prom aire -0.002642 0.017149 -0.154 0.878

L39.Conduct -26.122945 53.046843 -0.492 0.622

L39.Water 8943.671752 NAN NAN NAN

L39.Temp -11128.642559 402.379513 -27.657 0.000

L39.Precip. horaria 0.023187 0.038164 0.608 0.543

L39.Temp. prom aire -0.018467 0.017154 -1.077 0.282

L40.Conduct 78.393499 52.940672 1.481 0.139

L40.Water -7783.230160 NAN NAN NAN

L40.Temp 18320.048806 NAN NAN NAN

L40.Precip. horaria -0.032452 0.038196 -0.850 0.396

L40.Temp. prom aire -0.014471 0.017152 -0.844 0.399

L41.Conduct -41.410970 52.748659 -0.785 0.432

L41.Water 4058.023262 NAN NAN NAN

L41.Temp -23697.332329 NAN NAN NAN

L41.Precip. horaria 0.028028 0.038144 0.735 0.462

L41.Temp. prom aire 0.007161 0.017159 0.417 0.676

L42.Conduct -37.689573 52.651880 -0.716 0.474

L42.Water -163.227847 NAN NAN NAN

L42.Temp 21600.157443 NAN NAN NAN

L42.Precip. horaria -0.027065 0.038093 -0.711 0.477

L42.Temp. prom aire 0.015924 0.017147 0.929 0.353

L43.Conduct 7.794481 52.839634 0.148 0.883

L43.Water -1121.092975 NAN NAN NAN

L43.Temp -13880.615676 NAN NAN NAN

L43.Precip. horaria 0.023080 0.038122 0.605 0.545

L43.Temp. prom aire -0.012978 0.017160 -0.756 0.449

L44.Conduct 67.597196 52.591984 1.285 0.199

L44.Water -694.212461 NAN NAN NAN

L44.Temp 7946.186868 1187.068540 6.694 0.000

L44.Precip. horaria -0.019238 0.038080 -0.505 0.613

L44.Temp. prom aire 0.024707 0.017147 1.441 0.150

L45.Conduct -53.867840 51.641469 -1.043 0.297

L45.Water 2784.244766 NAN NAN NAN

L45.Temp -4824.728375 NAN NAN NAN

L45.Precip. horaria -0.026041 0.038015 -0.685 0.493

L45.Temp. prom aire -0.016362 0.017136 -0.955 0.340

L46.Conduct -5.740211 51.100631 -0.112 0.911

L46.Water -2609.207090 NAN NAN NAN

L46.Temp 2271.743258 NAN NAN NAN

L46.Precip. horaria 0.038141 0.038035 1.003 0.316

L46.Temp. prom aire -0.000219 0.017143 -0.013 0.990

L47.Conduct 26.300923 38.852045 0.677 0.498

L47.Water 1099.784605 NAN NAN NAN

L47.Temp -600.647893 NAN NAN NAN

L47.Precip. horaria 0.010047 0.037747 0.266 0.790

L47.Temp. prom aire 0.102336 0.016287 6.283 0.000

L48.Conduct -10.552921 12.453823 -0.847 0.397

L48.Water -176.789267 NAN NAN NAN

L48.Temp 71.690707 NAN NAN NAN

L48.Precip. horaria -0.000358 0.032831 -0.011 0.991

L48.Temp. prom aire -0.077669 0.009365 -8.293 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.263389 0.887271 0.008562 -0.021466

Water 0.263389 1.000000 -0.047267 0.008104 -0.010582

Temp 0.887271 -0.047267 1.000000 0.003402 -0.022933

Precip. horaria 0.008562 0.008104 0.003402 1.000000 -0.022222

Temp. prom aire -0.021466 -0.010582 -0.022933 -0.022222 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -57.0680

Nobs: 11641.0 HQIC: -57.5741

Log likelihood: 255216. FPE: 7.66864e-26

AIC: -57.8301 Det(Omega\_mle): 6.92185e-26

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000072 0.000018 3.934 0.000

L1.Conduct 4.894090 0.013059 374.762 0.000

L1.Water 0.869494 0.055063 15.791 0.000

L1.Temp -0.558405 0.006490 -86.035 0.000

L1.Precip. horaria -0.000001 0.000007 -0.158 0.874

L1.Temp. prom aire -0.000002 0.000002 -1.228 0.220

L2.Conduct -10.357303 0.056954 -181.855 0.000

L2.Water -3.936547 0.256258 -15.362 0.000

L2.Temp 2.318338 0.025680 90.279 0.000

L2.Precip. horaria 0.000003 0.000008 0.348 0.728

L2.Temp. prom aire -0.000000 0.000003 -0.024 0.981

L3.Conduct 12.823969 0.100076 128.142 0.000

L3.Water 7.533302 0.497949 15.129 0.000

L3.Temp -3.860085 0.041509 -92.994 0.000

L3.Precip. horaria -0.000003 0.000008 -0.404 0.686

L3.Temp. prom aire 0.000003 0.000003 0.759 0.448

L4.Conduct -10.928587 0.087816 -124.449 0.000

L4.Water -8.600516 0.528205 -16.283 0.000

L4.Temp 3.473851 0.033009 105.239 0.000

L4.Precip. horaria 0.000008 0.000008 1.080 0.280

L4.Temp. prom aire 0.000003 0.000003 0.912 0.362

L5.Conduct 7.297655 0.035705 204.390 0.000

L5.Water 7.819336 0.391007 19.998 0.000

L5.Temp -2.181919 NAN NAN NAN

L5.Precip. horaria 0.000002 0.000008 0.324 0.746

L5.Temp. prom aire -0.000002 0.000003 -0.660 0.509

L6.Conduct -4.145602 NAN NAN NAN

L6.Water -6.997937 0.375941 -18.614 0.000

L6.Temp 1.240246 NAN NAN NAN

L6.Precip. horaria -0.000001 0.000008 -0.193 0.847

L6.Temp. prom aire 0.000005 0.000003 1.426 0.154

L7.Conduct 2.128473 NAN NAN NAN

L7.Water 5.810547 0.449632 12.923 0.000

L7.Temp -0.591633 NAN NAN NAN

L7.Precip. horaria 0.000002 0.000007 0.325 0.745

L7.Temp. prom aire -0.000007 0.000003 -1.965 0.049

L8.Conduct -1.123326 0.197871 -5.677 0.000

L8.Water -4.176534 0.597272 -6.993 0.000

L8.Temp 0.277456 0.059547 4.659 0.000

L8.Precip. horaria -0.000006 0.000008 -0.789 0.430

L8.Temp. prom aire 0.000006 0.000003 1.665 0.096

L9.Conduct 0.675458 0.343534 1.966 0.049

L9.Water 2.978572 0.746870 3.988 0.000

L9.Temp -0.176992 0.107670 -1.644 0.100

L9.Precip. horaria 0.000002 0.000008 0.261 0.794

L9.Temp. prom aire -0.000006 0.000003 -1.685 0.092

L10.Conduct -0.395999 0.421768 -0.939 0.348

L10.Water -2.600883 0.730934 -3.558 0.000

L10.Temp 0.071808 0.132953 0.540 0.589

L10.Precip. horaria -0.000000 0.000008 -0.041 0.968

L10.Temp. prom aire 0.000002 0.000003 0.540 0.589

L11.Conduct 0.073453 0.419825 0.175 0.861

L11.Water 2.614301 0.398550 6.560 0.000

L11.Temp 0.020089 0.132676 0.151 0.880

L11.Precip. horaria -0.000007 0.000007 -0.999 0.318

L11.Temp. prom aire 0.000002 0.000003 0.557 0.578

L12.Conduct 0.313030 0.365283 0.857 0.391

L12.Water -2.522534 NAN NAN NAN

L12.Temp -0.146864 0.116675 -1.259 0.208

L12.Precip. horaria -0.000003 0.000007 -0.354 0.724

L12.Temp. prom aire -0.000002 0.000003 -0.658 0.510

L13.Conduct -0.580844 0.311374 -1.865 0.062

L13.Water 2.155745 NAN NAN NAN

L13.Temp 0.233099 0.100794 2.313 0.021

L13.Precip. horaria 0.000005 0.000008 0.719 0.472

L13.Temp. prom aire 0.000002 0.000003 0.715 0.475

L14.Conduct 0.521511 0.301563 1.729 0.084

L14.Water -1.405648 NAN NAN NAN

L14.Temp -0.190260 0.097001 -1.961 0.050

L14.Precip. horaria -0.000000 0.000008 -0.063 0.950

L14.Temp. prom aire -0.000002 0.000003 -0.519 0.604

L15.Conduct -0.199623 0.319424 -0.625 0.532

L15.Water 0.419064 0.578892 0.724 0.469

L15.Temp 0.076549 0.102445 0.747 0.455

L15.Precip. horaria 0.000001 0.000008 0.145 0.885

L15.Temp. prom aire -0.000001 0.000003 -0.238 0.812

L16.Conduct -0.033728 0.309852 -0.109 0.913

L16.Water 0.227507 0.691634 0.329 0.742

L16.Temp 0.014404 0.101623 0.142 0.887

L16.Precip. horaria 0.000002 0.000008 0.272 0.786

L16.Temp. prom aire 0.000003 0.000003 0.830 0.406

L17.Conduct -0.041262 0.241005 -0.171 0.864

L17.Water -0.001701 0.689159 -0.002 0.998

L17.Temp 0.013600 0.082305 0.165 0.869

L17.Precip. horaria -0.000004 0.000007 -0.503 0.615

L17.Temp. prom aire -0.000001 0.000003 -0.376 0.707

L18.Conduct 0.273496 0.146256 1.870 0.061

L18.Water -0.861410 0.623077 -1.383 0.167

L18.Temp -0.109728 0.052774 -2.079 0.038

L18.Precip. horaria 0.000000 0.000007 0.020 0.984

L18.Temp. prom aire 0.000001 0.000003 0.427 0.670

L19.Conduct -0.372142 0.157089 -2.369 0.018

L19.Water 1.577284 0.466831 3.379 0.001

L19.Temp 0.152118 0.051296 2.965 0.003

L19.Precip. horaria 0.000007 0.000008 0.988 0.323

L19.Temp. prom aire -0.000002 0.000003 -0.564 0.573

L20.Conduct 0.244471 0.231182 1.057 0.290

L20.Water -1.977537 0.470706 -4.201 0.000

L20.Temp -0.124282 0.072004 -1.726 0.084

L20.Precip. horaria 0.000002 0.000008 0.294 0.769

L20.Temp. prom aire 0.000000 0.000003 0.101 0.920

L21.Conduct 0.020610 0.275275 0.075 0.940

L21.Water 2.308583 0.664914 3.472 0.001

L21.Temp 0.040398 0.083713 0.483 0.629

L21.Precip. horaria 0.000000 0.000008 0.029 0.977

L21.Temp. prom aire 0.000001 0.000003 0.192 0.848

L22.Conduct -0.627554 0.305001 -2.058 0.040

L22.Water -2.588825 0.737314 -3.511 0.000

L22.Temp 0.157291 0.094292 1.668 0.095

L22.Precip. horaria -0.000015 0.000007 -2.038 0.042

L22.Temp. prom aire 0.000001 0.000003 0.299 0.765

L23.Conduct 1.401039 0.303672 4.614 0.000

L23.Water 3.478288 0.613699 5.668 0.000

L23.Temp -0.410070 0.177372 -2.312 0.021

L23.Precip. horaria -0.000002 0.000007 -0.307 0.759

L23.Temp. prom aire -0.000001 0.000003 -0.446 0.656

L24.Conduct -1.312003 0.229112 -5.726 0.000

L24.Water -6.033593 0.256551 -23.518 0.000

L24.Temp 0.262275 0.434649 0.603 0.546

L24.Precip. horaria 0.000027 0.000007 3.608 0.000

L24.Temp. prom aire 0.000001 0.000003 0.275 0.783

L25.Conduct 0.486072 0.120109 4.047 0.000

L25.Water 10.748469 NAN NAN NAN

L25.Temp 0.009239 0.703645 0.013 0.990

L25.Precip. horaria 0.000010 0.000008 1.368 0.171

L25.Temp. prom aire 0.000001 0.000003 0.343 0.732

L26.Conduct -0.088016 0.065667 -1.340 0.180

L26.Water -17.086067 NAN NAN NAN

L26.Temp 0.881395 0.761632 1.157 0.247

L26.Precip. horaria -0.000023 0.000008 -3.023 0.003

L26.Temp. prom aire -0.000002 0.000003 -0.704 0.481

L27.Conduct 0.102583 0.061001 1.682 0.093

L27.Water 21.833140 0.544749 40.079 0.000

L27.Temp -2.337595 0.605492 -3.861 0.000

L27.Precip. horaria -0.000006 0.000008 -0.803 0.422

L27.Temp. prom aire -0.000001 0.000003 -0.435 0.663

L28.Conduct -0.044579 0.060317 -0.739 0.460

L28.Water -21.504873 0.708371 -30.358 0.000

L28.Temp 2.435982 0.502926 4.844 0.000

L28.Precip. horaria 0.000016 0.000008 2.092 0.036

L28.Temp. prom aire -0.000001 0.000003 -0.316 0.752

L29.Conduct -0.000851 0.058839 -0.014 0.988

L29.Water 17.254364 0.652172 26.457 0.000

L29.Temp -1.654115 0.618004 -2.677 0.007

L29.Precip. horaria -0.000020 0.000007 -2.718 0.007

L29.Temp. prom aire 0.000000 0.000003 0.021 0.983

L30.Conduct -0.023576 0.057622 -0.409 0.682

L30.Water -12.633604 0.517318 -24.421 0.000

L30.Temp 1.550746 0.724158 2.141 0.032

L30.Precip. horaria 0.000025 0.000007 3.308 0.001

L30.Temp. prom aire -0.000001 0.000003 -0.287 0.774

L31.Conduct 0.037497 0.057425 0.653 0.514

L31.Water 9.250219 0.503666 18.366 0.000

L31.Temp -2.156380 0.729152 -2.957 0.003

L31.Precip. horaria -0.000042 0.000008 -5.598 0.000

L31.Temp. prom aire 0.000001 0.000003 0.290 0.772

L32.Conduct -0.026054 0.057133 -0.456 0.648

L32.Water -7.050567 0.612564 -11.510 0.000

L32.Temp 2.700020 0.654886 4.123 0.000

L32.Precip. horaria 0.000025 0.000008 3.329 0.001

L32.Temp. prom aire 0.000000 0.000003 0.013 0.989

L33.Conduct 0.013698 0.056527 0.242 0.809

L33.Water 5.653351 0.614328 9.202 0.000

L33.Temp -2.671271 0.548501 -4.870 0.000

L33.Precip. horaria 0.000007 0.000008 0.890 0.374

L33.Temp. prom aire 0.000001 0.000003 0.292 0.770

L34.Conduct -0.023688 0.056790 -0.417 0.677

L34.Water -4.644392 0.399533 -11.625 0.000

L34.Temp 2.234714 0.460656 4.851 0.000

L34.Precip. horaria -0.000020 0.000008 -2.629 0.009

L34.Temp. prom aire 0.000000 0.000003 0.007 0.994

L35.Conduct 0.044668 0.057478 0.777 0.437

L35.Water 3.594923 NAN NAN NAN

L35.Temp -1.674197 0.407695 -4.106 0.000

L35.Precip. horaria 0.000007 0.000008 0.958 0.338

L35.Temp. prom aire 0.000001 0.000003 0.162 0.872

L36.Conduct -0.050900 0.056682 -0.898 0.369

L36.Water -2.316490 NAN NAN NAN

L36.Temp 0.929976 0.356461 2.609 0.009

L36.Precip. horaria -0.000002 0.000008 -0.229 0.819

L36.Temp. prom aire -0.000001 0.000003 -0.317 0.751

L37.Conduct 0.019659 0.056088 0.351 0.726

L37.Water 1.107361 0.230215 4.810 0.000

L37.Temp -0.319058 0.279840 -1.140 0.254

L37.Precip. horaria -0.000007 0.000008 -0.889 0.374

L37.Temp. prom aire 0.000001 0.000003 0.288 0.773

L38.Conduct 0.036687 0.059316 0.618 0.536

L38.Water -0.490335 0.409593 -1.197 0.231

L38.Temp 0.244401 0.210779 1.160 0.246

L38.Precip. horaria 0.000004 0.000008 0.530 0.596

L38.Temp. prom aire -0.000000 0.000003 -0.050 0.960

L39.Conduct -0.052363 0.066213 -0.791 0.429

L39.Water 0.437510 0.408268 1.072 0.284

L39.Temp -0.392819 0.203569 -1.930 0.054

L39.Precip. horaria -0.000012 0.000008 -1.591 0.112

L39.Temp. prom aire -0.000002 0.000003 -0.481 0.631

L40.Conduct 0.015381 0.072804 0.211 0.833

L40.Water -0.281778 0.261466 -1.078 0.281

L40.Temp 0.258476 0.228599 1.131 0.258

L40.Precip. horaria 0.000005 0.000008 0.663 0.507

L40.Temp. prom aire 0.000001 0.000003 0.271 0.786

L41.Conduct 0.005555 0.073777 0.075 0.940

L41.Water -0.216279 NAN NAN NAN

L41.Temp 0.260114 0.118008 2.204 0.028

L41.Precip. horaria 0.000006 0.000008 0.790 0.429

L41.Temp. prom aire -0.000001 0.000003 -0.251 0.802

L42.Conduct 0.018119 0.067740 0.267 0.789

L42.Water 0.770863 NAN NAN NAN

L42.Temp -0.989720 NAN NAN NAN

L42.Precip. horaria -0.000002 0.000008 -0.282 0.778

L42.Temp. prom aire 0.000000 0.000003 0.001 0.999

L43.Conduct -0.051572 0.057372 -0.899 0.369

L43.Water -1.166350 NAN NAN NAN

L43.Temp 1.532021 NAN NAN NAN

L43.Precip. horaria 0.000003 0.000008 0.335 0.738

L43.Temp. prom aire 0.000001 0.000003 0.271 0.786

L44.Conduct 0.041845 0.048114 0.870 0.384

L44.Water 1.022847 0.366176 2.793 0.005

L44.Temp -1.415556 0.390582 -3.624 0.000

L44.Precip. horaria -0.000002 0.000008 -0.224 0.823

L44.Temp. prom aire -0.000001 0.000003 -0.394 0.693

L45.Conduct -0.009401 0.048851 -0.192 0.847

L45.Water -0.228850 0.508359 -0.450 0.653

L45.Temp 0.715609 0.453079 1.579 0.114

L45.Precip. horaria -0.000018 0.000007 -2.411 0.016

L45.Temp. prom aire 0.000002 0.000003 0.577 0.564

L46.Conduct 0.024478 0.047259 0.518 0.604

L46.Water -0.428948 0.415721 -1.032 0.302

L46.Temp -0.089032 0.334871 -0.266 0.790

L46.Precip. horaria 0.000003 0.000007 0.461 0.645

L46.Temp. prom aire -0.000002 0.000003 -0.696 0.486

L47.Conduct -0.041660 0.027513 -1.514 0.130

L47.Water 0.390017 0.195178 1.998 0.046

L47.Temp -0.085730 0.151532 -0.566 0.572

L47.Precip. horaria 0.000009 0.000007 1.203 0.229

L47.Temp. prom aire 0.000003 0.000003 1.002 0.316

L48.Conduct 0.017136 0.006678 2.566 0.010

L48.Water -0.102887 0.039691 -2.592 0.010

L48.Temp 0.031491 0.030369 1.037 0.300

L48.Precip. horaria 0.000012 0.000007 1.826 0.068

L48.Temp. prom aire -0.000000 0.000002 -0.072 0.943

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000006 0.000003 1.706 0.088

L1.Conduct 0.045913 0.002442 18.803 0.000

L1.Water 5.100354 0.010296 495.382 0.000

L1.Temp 0.025233 0.001214 20.792 0.000

L1.Precip. horaria -0.000001 0.000001 -1.079 0.281

L1.Temp. prom aire 0.000000 0.000000 0.003 0.997

L2.Conduct -0.216521 0.010649 -20.332 0.000

L2.Water -11.256048 0.047916 -234.913 0.000

L2.Temp -0.095888 0.004802 -19.970 0.000

L2.Precip. horaria 0.000000 0.000001 0.251 0.802

L2.Temp. prom aire 0.000001 0.000001 0.947 0.344

L3.Conduct 0.440187 0.018713 23.524 0.000

L3.Water 14.524327 0.093108 155.995 0.000

L3.Temp 0.135080 0.007761 17.404 0.000

L3.Precip. horaria 0.000000 0.000001 0.067 0.947

L3.Temp. prom aire -0.000000 0.000001 -0.526 0.599

L4.Conduct -0.525955 0.016420 -32.031 0.000

L4.Water -13.015006 0.098765 -131.777 0.000

L4.Temp -0.088025 0.006172 -14.262 0.000

L4.Precip. horaria -0.000000 0.000001 -0.222 0.824

L4.Temp. prom aire -0.000000 0.000001 -0.093 0.926

L5.Conduct 0.443214 0.006676 66.388 0.000

L5.Water 9.554703 0.073112 130.687 0.000

L5.Temp 0.036075 NAN NAN NAN

L5.Precip. horaria 0.000001 0.000001 0.944 0.345

L5.Temp. prom aire -0.000000 0.000001 -0.260 0.795

L6.Conduct -0.304111 NAN NAN NAN

L6.Water -6.468634 0.070294 -92.022 0.000

L6.Temp -0.023348 NAN NAN NAN

L6.Precip. horaria -0.000001 0.000001 -0.620 0.535

L6.Temp. prom aire -0.000000 0.000001 -0.180 0.857

L7.Conduct 0.167402 NAN NAN NAN

L7.Water 4.206466 0.084073 50.033 0.000

L7.Temp 0.024822 NAN NAN NAN

L7.Precip. horaria -0.000002 0.000001 -1.257 0.209

L7.Temp. prom aire 0.000001 0.000001 0.985 0.325

L8.Conduct -0.031161 0.036998 -0.842 0.400

L8.Water -2.892336 0.111680 -25.899 0.000

L8.Temp -0.046293 0.011134 -4.158 0.000

L8.Precip. horaria -0.000004 0.000001 -2.668 0.008

L8.Temp. prom aire -0.000000 0.000001 -0.747 0.455

L9.Conduct -0.088192 0.064235 -1.373 0.170

L9.Water 2.441187 0.139652 17.481 0.000

L9.Temp 0.078413 0.020132 3.895 0.000

L9.Precip. horaria -0.000002 0.000001 -1.501 0.133

L9.Temp. prom aire -0.000000 0.000001 -0.383 0.702

L10.Conduct 0.136512 0.078863 1.731 0.083

L10.Water -2.334807 0.136672 -17.083 0.000

L10.Temp -0.089739 0.024860 -3.610 0.000

L10.Precip. horaria 0.000001 0.000001 0.958 0.338

L10.Temp. prom aire 0.000000 0.000001 0.693 0.488

L11.Conduct -0.098521 0.078500 -1.255 0.209

L11.Water 2.008059 0.074522 26.946 0.000

L11.Temp 0.070171 0.024808 2.829 0.005

L11.Precip. horaria -0.000003 0.000001 -1.841 0.066

L11.Temp. prom aire -0.000000 0.000001 -0.697 0.486

L12.Conduct 0.046216 0.068301 0.677 0.499

L12.Water -1.377756 NAN NAN NAN

L12.Temp -0.039957 0.021816 -1.832 0.067

L12.Precip. horaria -0.000002 0.000001 -1.196 0.232

L12.Temp. prom aire 0.000001 0.000001 1.052 0.293

L13.Conduct -0.047842 0.058221 -0.822 0.411

L13.Water 0.771816 NAN NAN NAN

L13.Temp 0.029635 0.018847 1.572 0.116

L13.Precip. horaria -0.000002 0.000001 -1.476 0.140

L13.Temp. prom aire -0.000001 0.000001 -0.906 0.365

L14.Conduct 0.086663 0.056387 1.537 0.124

L14.Water -0.430824 NAN NAN NAN

L14.Temp -0.036857 0.018138 -2.032 0.042

L14.Precip. horaria 0.000000 0.000001 0.093 0.926

L14.Temp. prom aire 0.000000 0.000001 0.687 0.492

L15.Conduct -0.108499 0.059727 -1.817 0.069

L15.Water 0.301436 0.108243 2.785 0.005

L15.Temp 0.040261 0.019155 2.102 0.036

L15.Precip. horaria 0.000001 0.000001 0.390 0.696

L15.Temp. prom aire -0.000000 0.000001 -0.203 0.839

L16.Conduct 0.095957 0.057937 1.656 0.098

L16.Water -0.228523 0.129323 -1.767 0.077

L16.Temp -0.035652 0.019002 -1.876 0.061

L16.Precip. horaria 0.000001 0.000001 0.789 0.430

L16.Temp. prom aire 0.000000 0.000001 0.213 0.831

L17.Conduct -0.058992 0.045064 -1.309 0.191

L17.Water 0.153637 0.128861 1.192 0.233

L17.Temp 0.022325 0.015390 1.451 0.147

L17.Precip. horaria -0.000000 0.000001 -0.266 0.790

L17.Temp. prom aire -0.000000 0.000001 -0.457 0.647

L18.Conduct 0.001805 0.027347 0.066 0.947

L18.Water -0.016235 0.116504 -0.139 0.889

L18.Temp 0.000728 0.009868 0.074 0.941

L18.Precip. horaria 0.000000 0.000001 0.187 0.852

L18.Temp. prom aire 0.000000 0.000001 0.620 0.535

L19.Conduct 0.052262 0.029373 1.779 0.075

L19.Water -0.112700 0.087289 -1.291 0.197

L19.Temp -0.018584 0.009591 -1.938 0.053

L19.Precip. horaria 0.000003 0.000001 2.037 0.042

L19.Temp. prom aire -0.000001 0.000001 -0.966 0.334

L20.Conduct -0.066677 0.043227 -1.542 0.123

L20.Water -0.043911 0.088014 -0.499 0.618

L20.Temp 0.018858 0.013464 1.401 0.161

L20.Precip. horaria 0.000002 0.000001 1.158 0.247

L20.Temp. prom aire 0.000000 0.000001 0.255 0.799

L21.Conduct 0.050497 0.051472 0.981 0.327

L21.Water 0.470585 0.124327 3.785 0.000

L21.Temp -0.005183 0.015653 -0.331 0.741

L21.Precip. horaria 0.000001 0.000001 0.569 0.569

L21.Temp. prom aire 0.000000 0.000001 0.197 0.844

L22.Conduct -0.038987 0.057030 -0.684 0.494

L22.Water -1.178198 0.137865 -8.546 0.000

L22.Temp -0.016408 0.017631 -0.931 0.352

L22.Precip. horaria -0.000003 0.000001 -1.963 0.050

L22.Temp. prom aire 0.000000 0.000001 0.542 0.588

L23.Conduct 0.041952 0.056781 0.739 0.460

L23.Water 2.285453 0.114751 19.917 0.000

L23.Temp 0.021490 0.033165 0.648 0.517

L23.Precip. horaria -0.000001 0.000001 -0.684 0.494

L23.Temp. prom aire -0.000000 0.000001 -0.737 0.461

L24.Conduct -0.040702 0.042840 -0.950 0.342

L24.Water -3.410038 0.047971 -71.086 0.000

L24.Temp 0.026467 0.081272 0.326 0.745

L24.Precip. horaria 0.000006 0.000001 4.104 0.000

L24.Temp. prom aire 0.000000 0.000001 0.470 0.638

L25.Conduct 0.016484 0.022458 0.734 0.463

L25.Water 4.828986 NAN NAN NAN

L25.Temp -0.064145 0.131569 -0.488 0.626

L25.Precip. horaria 0.000001 0.000001 0.558 0.577

L25.Temp. prom aire -0.000000 0.000001 -0.223 0.824

L26.Conduct 0.006883 0.012279 0.561 0.575

L26.Water -7.035500 NAN NAN NAN

L26.Temp -0.028771 0.142412 -0.202 0.840

L26.Precip. horaria -0.000005 0.000001 -3.596 0.000

L26.Temp. prom aire -0.000000 0.000001 -0.671 0.502

L27.Conduct -0.005386 0.011406 -0.472 0.637

L27.Water 8.578521 0.101859 84.220 0.000

L27.Temp 0.185938 0.113217 1.642 0.101

L27.Precip. horaria -0.000004 0.000001 -2.797 0.005

L27.Temp. prom aire 0.000000 0.000001 0.240 0.811

L28.Conduct 0.000131 0.011278 0.012 0.991

L28.Water -8.033898 0.132453 -60.655 0.000

L28.Temp -0.266851 0.094038 -2.838 0.005

L28.Precip. horaria 0.000006 0.000001 4.511 0.000

L28.Temp. prom aire -0.000000 0.000001 -0.104 0.917

L29.Conduct -0.002291 0.011002 -0.208 0.835

L29.Water 6.206877 0.121945 50.899 0.000

L29.Temp 0.303834 0.115556 2.629 0.009

L29.Precip. horaria -0.000008 0.000001 -5.662 0.000

L29.Temp. prom aire 0.000001 0.000001 0.824 0.410

L30.Conduct 0.003869 0.010774 0.359 0.720

L30.Water -4.378530 0.096729 -45.266 0.000

L30.Temp -0.335013 0.135405 -2.474 0.013

L30.Precip. horaria 0.000007 0.000001 4.917 0.000

L30.Temp. prom aire -0.000000 0.000001 -0.021 0.984

L31.Conduct -0.005847 0.010738 -0.545 0.586

L31.Water 2.992539 0.094177 31.776 0.000

L31.Temp 0.304875 0.136339 2.236 0.025

L31.Precip. horaria -0.000008 0.000001 -5.591 0.000

L31.Temp. prom aire -0.000000 0.000001 -0.069 0.945

L32.Conduct 0.005136 0.010683 0.481 0.631

L32.Water -2.093689 0.114539 -18.279 0.000

L32.Temp -0.202226 0.122452 -1.651 0.099

L32.Precip. horaria 0.000009 0.000001 6.264 0.000

L32.Temp. prom aire -0.000000 0.000001 -0.396 0.692

L33.Conduct 0.001199 0.010570 0.113 0.910

L33.Water 1.621872 0.114869 14.119 0.000

L33.Temp 0.066876 0.102560 0.652 0.514

L33.Precip. horaria -0.000001 0.000001 -0.564 0.573

L33.Temp. prom aire 0.000000 0.000001 0.140 0.889

L34.Conduct -0.001415 0.010619 -0.133 0.894

L34.Water -1.457298 0.074706 -19.507 0.000

L34.Temp 0.044772 0.086135 0.520 0.603

L34.Precip. horaria -0.000006 0.000001 -4.365 0.000

L34.Temp. prom aire -0.000000 0.000001 -0.141 0.888

L35.Conduct -0.007154 0.010747 -0.666 0.506

L35.Water 1.363379 NAN NAN NAN

L35.Temp -0.067520 0.076232 -0.886 0.376

L35.Precip. horaria 0.000002 0.000001 1.221 0.222

L35.Temp. prom aire 0.000000 0.000001 0.457 0.648

L36.Conduct 0.008472 0.010599 0.799 0.424

L36.Water -1.016837 NAN NAN NAN

L36.Temp -0.020228 0.066652 -0.303 0.762

L36.Precip. horaria -0.000001 0.000001 -0.435 0.663

L36.Temp. prom aire -0.000000 0.000001 -0.643 0.520

L37.Conduct -0.007177 0.010487 -0.684 0.494

L37.Water 0.362737 0.043046 8.427 0.000

L37.Temp 0.151828 0.052325 2.902 0.004

L37.Precip. horaria -0.000000 0.000001 -0.044 0.965

L37.Temp. prom aire 0.000001 0.000001 0.898 0.369

L38.Conduct 0.017370 0.011091 1.566 0.117

L38.Water 0.223536 0.076587 2.919 0.004

L38.Temp -0.222865 0.039412 -5.655 0.000

L38.Precip. horaria -0.000000 0.000001 -0.073 0.942

L38.Temp. prom aire -0.000001 0.000001 -0.899 0.369

L39.Conduct -0.020831 0.012381 -1.683 0.092

L39.Water -0.436598 0.076339 -5.719 0.000

L39.Temp 0.227634 0.038064 5.980 0.000

L39.Precip. horaria -0.000003 0.000001 -2.388 0.017

L39.Temp. prom aire -0.000000 0.000001 -0.038 0.970

L40.Conduct 0.009314 0.013613 0.684 0.494

L40.Water 0.388994 0.048890 7.957 0.000

L40.Temp -0.232508 0.042744 -5.440 0.000

L40.Precip. horaria -0.000000 0.000001 -0.197 0.844

L40.Temp. prom aire 0.000000 0.000001 0.083 0.934

L41.Conduct -0.007601 0.013795 -0.551 0.582

L41.Water -0.298938 NAN NAN NAN

L41.Temp 0.228252 0.022065 10.344 0.000

L41.Precip. horaria 0.000003 0.000001 1.914 0.056

L41.Temp. prom aire 0.000000 0.000001 0.384 0.701

L42.Conduct 0.012303 0.012666 0.971 0.331

L42.Water 0.319986 NAN NAN NAN

L42.Temp -0.205452 NAN NAN NAN

L42.Precip. horaria -0.000000 0.000001 -0.165 0.869

L42.Temp. prom aire -0.000000 0.000001 -0.193 0.847

L43.Conduct -0.006422 0.010728 -0.599 0.549

L43.Water -0.410624 NAN NAN NAN

L43.Temp 0.237094 NAN NAN NAN

L43.Precip. horaria 0.000001 0.000001 0.482 0.630

L43.Temp. prom aire 0.000000 0.000001 0.391 0.696

L44.Conduct 0.015770 0.008997 1.753 0.080

L44.Water 0.186936 0.068469 2.730 0.006

L44.Temp -0.320272 0.073032 -4.385 0.000

L44.Precip. horaria 0.000001 0.000001 0.818 0.414

L44.Temp. prom aire -0.000000 0.000001 -0.536 0.592

L45.Conduct -0.045460 0.009134 -4.977 0.000

L45.Water 0.353367 0.095054 3.718 0.000

L45.Temp 0.334879 0.084718 3.953 0.000

L45.Precip. horaria -0.000001 0.000001 -0.565 0.572

L45.Temp. prom aire 0.000000 0.000001 0.584 0.559

L46.Conduct 0.050139 0.008837 5.674 0.000

L46.Water -0.573339 0.077733 -7.376 0.000

L46.Temp -0.229418 0.062615 -3.664 0.000

L46.Precip. horaria 0.000002 0.000001 1.527 0.127

L46.Temp. prom aire -0.000000 0.000001 -0.634 0.526

L47.Conduct -0.024334 0.005145 -4.730 0.000

L47.Water 0.317802 0.036495 8.708 0.000

L47.Temp 0.092159 0.028334 3.253 0.001

L47.Precip. horaria 0.000001 0.000001 0.899 0.369

L47.Temp. prom aire 0.000000 0.000001 0.406 0.685

L48.Conduct 0.004430 0.001249 3.547 0.000

L48.Water -0.063288 0.007422 -8.528 0.000

L48.Temp -0.016496 0.005678 -2.905 0.004

L48.Precip. horaria 0.000002 0.000001 1.858 0.063

L48.Temp. prom aire -0.000000 0.000000 -0.395 0.693

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000070 0.000039 1.792 0.073

L1.Conduct -0.404005 0.028003 -14.427 0.000

L1.Water 2.001783 0.118072 16.954 0.000

L1.Temp 3.310487 0.013918 237.865 0.000

L1.Precip. horaria 0.000014 0.000014 0.994 0.320

L1.Temp. prom aire -0.000007 0.000004 -1.704 0.088

L2.Conduct 1.678164 0.122126 13.741 0.000

L2.Water -9.024474 0.549495 -16.423 0.000

L2.Temp -3.745127 0.055065 -68.013 0.000

L2.Precip. horaria -0.000002 0.000016 -0.139 0.889

L2.Temp. prom aire -0.000003 0.000007 -0.391 0.695

L3.Conduct -2.837209 0.214594 -13.221 0.000

L3.Water 16.994118 1.067756 15.916 0.000

L3.Temp 1.764966 0.089008 19.829 0.000

L3.Precip. horaria 0.000001 0.000016 0.038 0.970

L3.Temp. prom aire 0.000010 0.000007 1.355 0.175

L4.Conduct 2.659535 0.188304 14.124 0.000

L4.Water -18.281360 1.132633 -16.141 0.000

L4.Temp -0.946489 0.070782 -13.372 0.000

L4.Precip. horaria -0.000000 0.000016 -0.022 0.982

L4.Temp. prom aire 0.000008 0.000007 1.059 0.289

L5.Conduct -1.793633 0.076561 -23.427 0.000

L5.Water 14.179300 0.838439 16.912 0.000

L5.Temp 0.998357 NAN NAN NAN

L5.Precip. horaria 0.000006 0.000016 0.390 0.697

L5.Temp. prom aire -0.000003 0.000007 -0.354 0.723

L6.Conduct 1.138815 NAN NAN NAN

L6.Water -9.951154 0.806133 -12.344 0.000

L6.Temp -0.509675 NAN NAN NAN

L6.Precip. horaria -0.000001 0.000016 -0.033 0.974

L6.Temp. prom aire 0.000007 0.000007 1.041 0.298

L7.Conduct -0.632309 NAN NAN NAN

L7.Water 6.471756 0.964148 6.712 0.000

L7.Temp 0.318180 NAN NAN NAN

L7.Precip. horaria 0.000001 0.000016 0.072 0.942

L7.Temp. prom aire -0.000010 0.000007 -1.450 0.147

L8.Conduct 0.167270 0.424295 0.394 0.693

L8.Water -3.562683 1.280734 -2.782 0.005

L8.Temp -0.151509 0.127687 -1.187 0.235

L8.Precip. horaria 0.000005 0.000016 0.307 0.759

L8.Temp. prom aire 0.000007 0.000007 0.973 0.330

L9.Conduct 0.173091 0.736643 0.235 0.814

L9.Water 1.737649 1.601518 1.085 0.278

L9.Temp -0.074665 0.230877 -0.323 0.746

L9.Precip. horaria 0.000008 0.000016 0.518 0.604

L9.Temp. prom aire -0.000006 0.000007 -0.865 0.387

L10.Conduct -0.206570 0.904400 -0.228 0.819

L10.Water -1.246972 1.567346 -0.796 0.426

L10.Temp 0.019768 0.285091 0.069 0.945

L10.Precip. horaria 0.000005 0.000016 0.312 0.755

L10.Temp. prom aire 0.000000 0.000007 0.006 0.995

L11.Conduct -0.088522 0.900233 -0.098 0.922

L11.Water 1.819248 0.854613 2.129 0.033

L11.Temp 0.056184 0.284497 0.197 0.843

L11.Precip. horaria -0.000007 0.000016 -0.418 0.676

L11.Temp. prom aire 0.000005 0.000007 0.744 0.457

L12.Conduct 0.402319 0.783278 0.514 0.608

L12.Water -2.442889 NAN NAN NAN

L12.Temp -0.174608 0.250187 -0.698 0.485

L12.Precip. horaria -0.000002 0.000016 -0.147 0.883

L12.Temp. prom aire -0.000008 0.000007 -1.056 0.291

L13.Conduct -0.499697 0.667681 -0.748 0.454

L13.Water 2.405632 NAN NAN NAN

L13.Temp 0.223335 0.216132 1.033 0.301

L13.Precip. horaria 0.000004 0.000016 0.272 0.786

L13.Temp. prom aire 0.000008 0.000007 1.082 0.279

L14.Conduct 0.380962 0.646642 0.589 0.556

L14.Water -1.757430 NAN NAN NAN

L14.Temp -0.145182 0.208000 -0.698 0.485

L14.Precip. horaria 0.000009 0.000016 0.570 0.568

L14.Temp. prom aire -0.000007 0.000007 -0.908 0.364

L15.Conduct -0.166523 0.684943 -0.243 0.808

L15.Water 0.795039 1.241321 0.640 0.522

L15.Temp 0.080453 0.219673 0.366 0.714

L15.Precip. horaria 0.000003 0.000016 0.214 0.830

L15.Temp. prom aire 0.000000 0.000007 0.011 0.991

L16.Conduct 0.132851 0.664417 0.200 0.842

L16.Water -0.071929 1.483075 -0.048 0.961

L16.Temp -0.046367 0.217910 -0.213 0.831

L16.Precip. horaria 0.000002 0.000016 0.118 0.906

L16.Temp. prom aire 0.000002 0.000007 0.305 0.760

L17.Conduct -0.541989 0.516788 -1.049 0.294

L17.Water 0.428542 1.477766 0.290 0.772

L17.Temp 0.186740 0.176488 1.058 0.290

L17.Precip. horaria -0.000001 0.000016 -0.039 0.969

L17.Temp. prom aire 0.000002 0.000007 0.261 0.794

L18.Conduct 1.215216 0.313618 3.875 0.000

L18.Water -1.884089 1.336067 -1.410 0.158

L18.Temp -0.444807 0.113163 -3.931 0.000

L18.Precip. horaria -0.000001 0.000016 -0.051 0.959

L18.Temp. prom aire 0.000001 0.000007 0.073 0.942

L19.Conduct -1.643924 0.336846 -4.880 0.000

L19.Water 3.068952 1.001029 3.066 0.002

L19.Temp 0.593232 0.109994 5.393 0.000

L19.Precip. horaria 0.000000 0.000016 0.015 0.988

L19.Temp. prom aire 0.000001 0.000007 0.157 0.875

L20.Conduct 1.636792 0.495726 3.302 0.001

L20.Water -3.176101 1.009338 -3.147 0.002

L20.Temp -0.601886 0.154399 -3.898 0.000

L20.Precip. horaria -0.000003 0.000016 -0.170 0.865

L20.Temp. prom aire 0.000001 0.000007 0.164 0.870

L21.Conduct -1.405649 0.590273 -2.381 0.017

L21.Water 2.862029 1.425779 2.007 0.045

L21.Temp 0.514078 0.179507 2.864 0.004

L21.Precip. horaria -0.000004 0.000016 -0.240 0.811

L21.Temp. prom aire 0.000000 0.000007 0.017 0.987

L22.Conduct 1.102502 0.654016 1.686 0.092

L22.Water -2.585651 1.581026 -1.635 0.102

L22.Temp -0.398522 0.202190 -1.971 0.049

L22.Precip. horaria -0.000003 0.000016 -0.206 0.837

L22.Temp. prom aire -0.000002 0.000007 -0.329 0.742

L23.Conduct -0.846529 0.651167 -1.300 0.194

L23.Water 2.700680 1.315957 2.052 0.040

L23.Temp 0.405868 0.380340 1.067 0.286

L23.Precip. horaria -0.000003 0.000016 -0.183 0.854

L23.Temp. prom aire 0.000002 0.000007 0.261 0.794

L24.Conduct 0.641092 0.491287 1.305 0.192

L24.Water -3.133478 0.550124 -5.696 0.000

L24.Temp -1.669492 0.932020 -1.791 0.073

L24.Precip. horaria 0.000001 0.000016 0.048 0.961

L24.Temp. prom aire -0.000001 0.000007 -0.155 0.877

L25.Conduct -0.309888 0.257551 -1.203 0.229

L25.Water 3.081989 NAN NAN NAN

L25.Temp 4.087061 1.508830 2.709 0.007

L25.Precip. horaria 0.000002 0.000016 0.099 0.921

L25.Temp. prom aire 0.000003 0.000007 0.415 0.678

L26.Conduct 0.074475 0.140810 0.529 0.597

L26.Water -3.765025 NAN NAN NAN

L26.Temp -3.788360 1.633172 -2.320 0.020

L26.Precip. horaria 0.000004 0.000016 0.257 0.797

L26.Temp. prom aire -0.000002 0.000007 -0.281 0.779

L27.Conduct -0.088279 0.130805 -0.675 0.500

L27.Water 5.768722 1.168108 4.939 0.000

L27.Temp 0.467882 1.298361 0.360 0.719

L27.Precip. horaria 0.000002 0.000016 0.098 0.922

L27.Temp. prom aire -0.000006 0.000007 -0.857 0.392

L28.Conduct 0.052842 0.129339 0.409 0.683

L28.Water -6.447061 1.518965 -4.244 0.000

L28.Temp 1.000525 1.078428 0.928 0.354

L28.Precip. horaria 0.000005 0.000016 0.281 0.779

L28.Temp. prom aire -0.000004 0.000007 -0.598 0.550

L29.Conduct 0.028115 0.126168 0.223 0.824

L29.Water 5.215430 1.398456 3.729 0.000

L29.Temp -0.514397 1.325190 -0.388 0.698

L29.Precip. horaria -0.000005 0.000016 -0.334 0.739

L29.Temp. prom aire -0.000001 0.000007 -0.138 0.890

L30.Conduct -0.023393 0.123559 -0.189 0.850

L30.Water -3.885400 1.109288 -3.503 0.000

L30.Temp 1.458254 1.552817 0.939 0.348

L30.Precip. horaria 0.000004 0.000016 0.278 0.781

L30.Temp. prom aire -0.000005 0.000007 -0.636 0.525

L31.Conduct 0.001444 0.123138 0.012 0.991

L31.Water 2.897199 1.080013 2.683 0.007

L31.Temp -4.079820 1.563525 -2.609 0.009

L31.Precip. horaria -0.000007 0.000016 -0.432 0.666

L31.Temp. prom aire 0.000004 0.000007 0.561 0.575

L32.Conduct 0.026212 0.122512 0.214 0.831

L32.Water -2.140536 1.313525 -1.630 0.103

L32.Temp 6.527354 1.404275 4.648 0.000

L32.Precip. horaria -0.000004 0.000016 -0.245 0.807

L32.Temp. prom aire 0.000002 0.000007 0.310 0.757

L33.Conduct -0.041620 0.121211 -0.343 0.731

L33.Water 1.741250 1.317307 1.322 0.186

L33.Temp -6.822583 1.176154 -5.801 0.000

L33.Precip. horaria -0.000009 0.000016 -0.542 0.588

L33.Temp. prom aire -0.000002 0.000007 -0.316 0.752

L34.Conduct 0.015910 0.121774 0.131 0.896

L34.Water -1.565495 0.856722 -1.827 0.068

L34.Temp 4.924133 0.987787 4.985 0.000

L34.Precip. horaria 0.000004 0.000016 0.269 0.788

L34.Temp. prom aire 0.000007 0.000007 1.025 0.305

L35.Conduct -0.000595 0.123250 -0.005 0.996

L35.Water 1.532545 NAN NAN NAN

L35.Temp -2.643883 0.874223 -3.024 0.002

L35.Precip. horaria 0.000009 0.000016 0.554 0.580

L35.Temp. prom aire -0.000006 0.000007 -0.879 0.380

L36.Conduct 0.019123 0.121544 0.157 0.875

L36.Water -1.475529 NAN NAN NAN

L36.Temp 0.965631 0.764361 1.263 0.206

L36.Precip. horaria 0.000001 0.000016 0.084 0.933

L36.Temp. prom aire 0.000004 0.000007 0.566 0.571

L37.Conduct -0.026378 0.120269 -0.219 0.826

L37.Water 0.908114 0.493652 1.840 0.066

L37.Temp 0.045211 0.600061 0.075 0.940

L37.Precip. horaria -0.000001 0.000016 -0.044 0.965

L37.Temp. prom aire -0.000002 0.000007 -0.324 0.746

L38.Conduct 0.021985 0.127193 0.173 0.863

L38.Water 0.161428 0.878293 0.184 0.854

L38.Temp -0.453502 0.451974 -1.003 0.316

L38.Precip. horaria -0.000001 0.000016 -0.052 0.958

L38.Temp. prom aire 0.000001 0.000007 0.153 0.878

L39.Conduct -0.030890 0.141980 -0.218 0.828

L39.Water -1.008383 0.875450 -1.152 0.249

L39.Temp 0.303528 0.436515 0.695 0.487

L39.Precip. horaria 0.000001 0.000016 0.074 0.941

L39.Temp. prom aire 0.000000 0.000007 0.058 0.953

L40.Conduct 0.024362 0.156114 0.156 0.876

L40.Water 1.265053 0.560663 2.256 0.024

L40.Temp 0.200432 0.490186 0.409 0.683

L40.Precip. horaria 0.000002 0.000016 0.099 0.921

L40.Temp. prom aire -0.000002 0.000007 -0.248 0.804

L41.Conduct -0.010836 0.158200 -0.068 0.945

L41.Water -1.158115 NAN NAN NAN

L41.Temp -0.435017 0.253044 -1.719 0.086

L41.Precip. horaria 0.000005 0.000016 0.330 0.742

L41.Temp. prom aire -0.000002 0.000007 -0.217 0.828

L42.Conduct 0.038052 0.145255 0.262 0.793

L42.Water 0.930959 NAN NAN NAN

L42.Temp 0.162677 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000016 -0.071 0.943

L42.Temp. prom aire -0.000001 0.000007 -0.189 0.850

L43.Conduct -0.054293 0.123023 -0.441 0.659

L43.Water -0.907420 NAN NAN NAN

L43.Temp -0.008621 NAN NAN NAN

L43.Precip. horaria -0.000004 0.000016 -0.217 0.829

L43.Temp. prom aire -0.000001 0.000007 -0.139 0.890

L44.Conduct -0.002008 0.103172 -0.019 0.984

L44.Water 1.195344 0.785193 1.522 0.128

L44.Temp 0.585136 0.837526 0.699 0.485

L44.Precip. horaria -0.000002 0.000016 -0.094 0.925

L44.Temp. prom aire -0.000000 0.000007 -0.028 0.978

L45.Conduct 0.017403 0.104752 0.166 0.868

L45.Water -1.091963 1.090076 -1.002 0.316

L45.Temp -1.497509 0.971539 -1.541 0.123

L45.Precip. horaria -0.000007 0.000016 -0.408 0.683

L45.Temp. prom aire 0.000000 0.000007 0.015 0.988

L46.Conduct 0.060465 0.101338 0.597 0.551

L46.Water 0.347369 0.891434 0.390 0.697

L46.Temp 1.675507 0.718065 2.333 0.020

L46.Precip. horaria -0.000012 0.000016 -0.728 0.467

L46.Temp. prom aire 0.000002 0.000007 0.329 0.742

L47.Conduct -0.081963 0.058997 -1.389 0.165

L47.Water 0.142411 0.418521 0.340 0.734

L47.Temp -0.933068 0.324931 -2.872 0.004

L47.Precip. horaria -0.000002 0.000016 -0.114 0.909

L47.Temp. prom aire 0.000004 0.000007 0.528 0.598

L48.Conduct 0.027704 0.014320 1.935 0.053

L48.Water -0.089404 0.085110 -1.050 0.294

L48.Temp 0.210107 0.065120 3.226 0.001

L48.Precip. horaria 0.000000 0.000014 0.019 0.984

L48.Temp. prom aire 0.000001 0.000004 0.256 0.798

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.085366 0.026082 -3.273 0.001

L1.Conduct 22.975098 18.599990 1.235 0.217

L1.Water -131.763157 78.425064 -1.680 0.093

L1.Temp -5.734586 9.244235 -0.620 0.535

L1.Precip. horaria 0.554737 0.009363 59.245 0.000

L1.Temp. prom aire -0.001703 0.002592 -0.657 0.511

L2.Conduct -52.560211 81.117877 -0.648 0.517

L2.Water 458.196371 364.983378 1.255 0.209

L2.Temp 17.074369 36.575040 0.467 0.641

L2.Precip. horaria 0.131498 0.010708 12.280 0.000

L2.Temp. prom aire 0.006715 0.004520 1.486 0.137

L3.Conduct -33.943886 142.536811 -0.238 0.812

L3.Water -584.420485 709.220387 -0.824 0.410

L3.Temp 1.194829 59.120772 0.020 0.984

L3.Precip. horaria 0.016005 0.010824 1.479 0.139

L3.Temp. prom aire -0.003993 0.004758 -0.839 0.401

L4.Conduct 255.462307 125.074209 2.042 0.041

L4.Water 232.400965 752.313074 0.309 0.757

L4.Temp -74.829604 47.014432 -1.592 0.111

L4.Precip. horaria -0.030866 0.010769 -2.866 0.004

L4.Temp. prom aire 0.001951 0.004763 0.410 0.682

L5.Conduct -436.458457 50.853348 -8.583 0.000

L5.Water 459.029740 556.904644 0.824 0.410

L5.Temp 152.593705 NAN NAN NAN

L5.Precip. horaria -0.005149 0.010732 -0.480 0.631

L5.Temp. prom aire -0.003831 0.004762 -0.805 0.421

L6.Conduct 472.984318 NAN NAN NAN

L6.Water -1322.349641 535.446491 -2.470 0.014

L6.Temp -183.548165 NAN NAN NAN

L6.Precip. horaria 0.014972 0.010685 1.401 0.161

L6.Temp. prom aire 0.003866 0.004762 0.812 0.417

L7.Conduct -412.527051 NAN NAN NAN

L7.Water 1832.314893 640.402347 2.861 0.004

L7.Temp 174.139447 NAN NAN NAN

L7.Precip. horaria 0.042356 0.010642 3.980 0.000

L7.Temp. prom aire -0.002919 0.004762 -0.613 0.540

L8.Conduct 306.398748 281.823466 1.087 0.277

L8.Water -1337.169225 850.684401 -1.572 0.116

L8.Temp -124.396210 84.811645 -1.467 0.142

L8.Precip. horaria -0.045973 0.010687 -4.302 0.000

L8.Temp. prom aire 0.004066 0.004765 0.853 0.393

L9.Conduct -208.941152 489.289829 -0.427 0.669

L9.Water 255.315322 1063.753759 0.240 0.810

L9.Temp 69.231280 153.351940 0.451 0.652

L9.Precip. horaria 0.036618 0.010730 3.413 0.001

L9.Temp. prom aire -0.001994 0.004765 -0.419 0.676

L10.Conduct 211.880631 600.717020 0.353 0.724

L10.Water 44.706601 1041.056253 0.043 0.966

L10.Temp -70.297522 189.362340 -0.371 0.710

L10.Precip. horaria 0.051525 0.010685 4.822 0.000

L10.Temp. prom aire 0.001898 0.004765 0.398 0.690

L11.Conduct -308.167518 597.949085 -0.515 0.606

L11.Water 784.958972 567.647550 1.383 0.167

L11.Temp 115.398815 188.967373 0.611 0.541

L11.Precip. horaria -0.005937 0.010680 -0.556 0.578

L11.Temp. prom aire 0.000367 0.004764 0.077 0.939

L12.Conduct 391.779324 520.265717 0.753 0.451

L12.Water -1569.765434 NAN NAN NAN

L12.Temp -162.441283 166.177907 -0.978 0.328

L12.Precip. horaria 0.029838 0.010681 2.794 0.005

L12.Temp. prom aire -0.006286 0.004765 -1.319 0.187

L13.Conduct -356.490680 443.484122 -0.804 0.421

L13.Water 1412.134526 NAN NAN NAN

L13.Temp 146.467086 143.558487 1.020 0.308

L13.Precip. horaria -0.004312 0.010695 -0.403 0.687

L13.Temp. prom aire 0.004481 0.004765 0.940 0.347

L14.Conduct 151.500820 429.510202 0.353 0.724

L14.Water 517.731951 NAN NAN NAN

L14.Temp -24.081433 138.157005 -0.174 0.862

L14.Precip. horaria -0.015443 0.010721 -1.440 0.150

L14.Temp. prom aire 0.002692 0.004765 0.565 0.572

L15.Conduct -155.204440 454.950435 -0.341 0.733

L15.Water -4993.893468 824.505571 -6.057 0.000

L15.Temp -65.263773 145.910194 -0.447 0.655

L15.Precip. horaria 0.017603 0.010703 1.645 0.100

L15.Temp. prom aire -0.003545 0.004764 -0.744 0.457

L16.Conduct 871.005874 441.316216 1.974 0.048

L16.Water 10376.379861 985.081961 10.534 0.000

L16.Temp -62.684372 144.739630 -0.433 0.665

L16.Precip. horaria -0.026693 0.010683 -2.499 0.012

L16.Temp. prom aire 0.001067 0.004764 0.224 0.823

L17.Conduct -1930.172627 343.258936 -5.623 0.000

L17.Water -14186.442413 981.556044 -14.453 0.000

L17.Temp 328.580008 117.226222 2.803 0.005

L17.Precip. horaria 0.007356 0.010671 0.689 0.491

L17.Temp. prom aire 0.001077 0.004762 0.226 0.821

L18.Conduct 2430.596509 208.310065 11.668 0.000

L18.Water 16196.699323 887.437112 18.251 0.000

L18.Temp -452.936054 75.164693 -6.026 0.000

L18.Precip. horaria 0.007345 0.010669 0.688 0.491

L18.Temp. prom aire -0.000451 0.004762 -0.095 0.925

L19.Conduct -2060.077404 223.738413 -9.208 0.000

L19.Water -17173.393984 664.899402 -25.829 0.000

L19.Temp 319.808818 73.060084 4.377 0.000

L19.Precip. horaria -0.012879 0.010687 -1.205 0.228

L19.Temp. prom aire -0.003572 0.004760 -0.750 0.453

L20.Conduct 1200.747488 329.268935 3.647 0.000

L20.Water 17063.172493 670.418546 25.452 0.000

L20.Temp -47.851102 102.554403 -0.467 0.641

L20.Precip. horaria -0.013778 0.010700 -1.288 0.198

L20.Temp. prom aire 0.007997 0.004758 1.681 0.093

L21.Conduct -192.280046 392.068990 -0.490 0.624

L21.Water -15338.685277 947.025155 -16.197 0.000

L21.Temp -239.442304 119.231153 -2.008 0.045

L21.Precip. horaria -0.016117 0.010696 -1.507 0.132

L21.Temp. prom aire -0.004592 0.004759 -0.965 0.335

L22.Conduct -765.325933 434.407722 -1.762 0.078

L22.Water 12138.776592 1050.142934 11.559 0.000

L22.Temp 485.523007 134.297724 3.615 0.000

L22.Precip. horaria 0.012314 0.010646 1.157 0.247

L22.Temp. prom aire 0.000406 0.004763 0.085 0.932

L23.Conduct 1138.699202 432.515249 2.633 0.008

L23.Water -8924.896762 874.079956 -10.211 0.000

L23.Temp -688.932879 252.627946 -2.727 0.006

L23.Precip. horaria 0.041677 0.010635 3.919 0.000

L23.Temp. prom aire -0.001065 0.004767 -0.223 0.823

L24.Conduct -722.361935 326.320795 -2.214 0.027

L24.Water 6984.600055 365.401033 19.115 0.000

L24.Temp 813.950211 619.062771 1.315 0.189

L24.Precip. horaria -0.001487 0.010657 -0.140 0.889

L24.Temp. prom aire -0.003030 0.004750 -0.638 0.524

L25.Conduct 177.215389 171.069511 1.036 0.300

L25.Water -5684.906463 NAN NAN NAN

L25.Temp -722.207673 1002.189412 -0.721 0.471

L25.Precip. horaria -0.025110 0.010703 -2.346 0.019

L25.Temp. prom aire 0.004711 0.004748 0.992 0.321

L26.Conduct 8.140089 93.528188 0.087 0.931

L26.Water 4118.977091 NAN NAN NAN

L26.Temp 423.843571 1084.779349 0.391 0.696

L26.Precip. horaria 0.017274 0.010710 1.613 0.107

L26.Temp. prom aire 0.000527 0.004762 0.111 0.912

L27.Conduct -4.444026 86.882717 -0.051 0.959

L27.Water -2703.608153 775.876131 -3.485 0.000

L27.Temp -32.066819 862.391959 -0.037 0.970

L27.Precip. horaria 0.006185 0.010707 0.578 0.564

L27.Temp. prom aire -0.005085 0.004758 -1.069 0.285

L28.Conduct -5.393449 85.908894 -0.063 0.950

L28.Water 1852.578263 1008.920662 1.836 0.066

L28.Temp -551.299628 716.309102 -0.770 0.442

L28.Precip. horaria 0.025940 0.010688 2.427 0.015

L28.Temp. prom aire 0.004640 0.004759 0.975 0.330

L29.Conduct 17.829516 83.802725 0.213 0.832

L29.Water -1328.777621 928.876667 -1.431 0.153

L29.Temp 1285.556208 880.212334 1.461 0.144

L29.Precip. horaria -0.013959 0.010673 -1.308 0.191

L29.Temp. prom aire -0.005040 0.004762 -1.058 0.290

L30.Conduct -18.023579 82.069860 -0.220 0.826

L30.Water 1000.563263 736.807024 1.358 0.174

L30.Temp -1698.262352 1031.405843 -1.647 0.100

L30.Precip. horaria -0.004313 0.010676 -0.404 0.686

L30.Temp. prom aire 0.006518 0.004761 1.369 0.171

L31.Conduct -12.560347 81.790093 -0.154 0.878

L31.Water -896.842903 717.361800 -1.250 0.211

L31.Temp 1407.007094 1038.518477 1.355 0.175

L31.Precip. horaria 0.009658 0.010703 0.902 0.367

L31.Temp. prom aire -0.004561 0.004760 -0.958 0.338

L32.Conduct 46.841853 81.374183 0.576 0.565

L32.Water 864.665059 872.464418 0.991 0.322

L32.Temp -549.822404 932.742269 -0.589 0.556

L32.Precip. horaria 0.007036 0.010719 0.656 0.512

L32.Temp. prom aire 0.001746 0.004760 0.367 0.714

L33.Conduct -47.206657 80.510089 -0.586 0.558

L33.Water -841.200009 874.976522 -0.961 0.336

L33.Temp -310.884577 781.220066 -0.398 0.691

L33.Precip. horaria -0.002266 0.010716 -0.211 0.832

L33.Temp. prom aire -0.005286 0.004761 -1.110 0.267

L34.Conduct 25.453202 80.884324 0.315 0.753

L34.Water 1018.753693 569.048233 1.790 0.073

L34.Temp 676.757791 656.104268 1.031 0.302

L34.Precip. horaria -0.018687 0.010693 -1.748 0.081

L34.Temp. prom aire 0.005411 0.004764 1.136 0.256

L35.Conduct 6.376688 81.864298 0.078 0.938

L35.Water -1644.228211 NAN NAN NAN

L35.Temp -606.317419 580.672824 -1.044 0.296

L35.Precip. horaria -0.020901 0.010770 -1.941 0.052

L35.Temp. prom aire -0.005472 0.004764 -1.149 0.251

L36.Conduct -42.224438 80.731643 -0.523 0.601

L36.Water 2975.050177 NAN NAN NAN

L36.Temp 417.910923 507.700622 0.823 0.410

L36.Precip. horaria 0.009745 0.010848 0.898 0.369

L36.Temp. prom aire 0.008959 0.004764 1.880 0.060

L37.Conduct 37.482398 79.884666 0.469 0.639

L37.Water -4764.905500 327.891324 -14.532 0.000

L37.Temp -126.904739 398.570378 -0.318 0.750

L37.Precip. horaria -0.002582 0.010888 -0.237 0.813

L37.Temp. prom aire -0.003830 0.004765 -0.804 0.422

L38.Conduct -12.557032 84.483329 -0.149 0.882

L38.Water 6230.126984 583.376239 10.679 0.000

L38.Temp -241.217575 300.208278 -0.804 0.422

L38.Precip. horaria -0.014360 0.010839 -1.325 0.185

L38.Temp. prom aire 0.000581 0.004765 0.122 0.903

L39.Conduct 15.706360 94.305386 0.167 0.868

L39.Water -6969.460144 581.488181 -11.986 0.000

L39.Temp 210.703329 289.939992 0.727 0.467

L39.Precip. horaria 0.001474 0.010763 0.137 0.891

L39.Temp. prom aire -0.005669 0.004765 -1.190 0.234

L40.Conduct -25.493038 103.693294 -0.246 0.806

L40.Water 7101.359228 372.401427 19.069 0.000

L40.Temp 406.016269 325.589175 1.247 0.212

L40.Precip. horaria -0.006751 0.010823 -0.624 0.533

L40.Temp. prom aire 0.006730 0.004765 1.412 0.158

L41.Conduct 35.679453 105.078783 0.340 0.734

L41.Water -6976.645989 NAN NAN NAN

L41.Temp -1007.938083 168.075959 -5.997 0.000

L41.Precip. horaria -0.002131 0.010911 -0.195 0.845

L41.Temp. prom aire -0.005434 0.004766 -1.140 0.254

L42.Conduct -49.567476 96.480466 -0.514 0.607

L42.Water 6772.326960 NAN NAN NAN

L42.Temp 1370.418658 NAN NAN NAN

L42.Precip. horaria -0.012342 0.010925 -1.130 0.259

L42.Temp. prom aire 0.001632 0.004767 0.342 0.732

L43.Conduct 57.444448 81.713970 0.703 0.482

L43.Water -6145.572103 NAN NAN NAN

L43.Temp -1961.038820 NAN NAN NAN

L43.Precip. horaria 0.014333 0.010842 1.322 0.186

L43.Temp. prom aire 0.003675 0.004769 0.771 0.441

L44.Conduct -45.588863 68.528473 -0.665 0.506

L44.Water 5096.646485 521.537857 9.772 0.000

L44.Temp 2520.656225 556.298361 4.531 0.000

L44.Precip. horaria 0.010424 0.010705 0.974 0.330

L44.Temp. prom aire -0.002364 0.004767 -0.496 0.620

L45.Conduct -15.118670 69.577743 -0.217 0.828

L45.Water -4055.755414 724.046244 -5.602 0.000

L45.Temp -2216.106348 645.311997 -3.434 0.001

L45.Precip. horaria 0.025291 0.010605 2.385 0.017

L45.Temp. prom aire -0.004921 0.004766 -1.033 0.302

L46.Conduct 76.244783 67.310343 1.133 0.257

L46.Water 2803.556610 592.104594 4.735 0.000

L46.Temp 1198.228120 476.950016 2.512 0.012

L46.Precip. horaria -0.015220 0.010619 -1.433 0.152

L46.Temp. prom aire 0.006434 0.004762 1.351 0.177

L47.Conduct -62.958071 39.186924 -1.607 0.108

L47.Water -1273.479783 277.988140 -4.581 0.000

L47.Temp -361.033726 215.824402 -1.673 0.094

L47.Precip. horaria 0.017812 0.010638 1.674 0.094

L47.Temp. prom aire -0.000753 0.004523 -0.167 0.868

L48.Conduct 17.202399 9.511482 1.809 0.071

L48.Water 257.144383 56.531200 4.549 0.000

L48.Temp 46.480750 43.253778 1.075 0.283

L48.Precip. horaria -0.004447 0.009358 -0.475 0.635

L48.Temp. prom aire -0.001548 0.002598 -0.596 0.551

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.129354 0.093956 1.377 0.169

L1.Conduct 94.272679 67.004505 1.407 0.159

L1.Water -389.118686 282.518030 -1.377 0.168

L1.Temp -92.752166 33.301384 -2.785 0.005

L1.Precip. horaria 0.026398 0.033731 0.783 0.434

L1.Temp. prom aire 1.429549 0.009339 153.078 0.000

L2.Conduct -451.490973 292.218605 -1.545 0.122

L2.Water 2081.584196 1314.814162 1.583 0.113

L2.Temp 265.457745 131.757727 2.015 0.044

L2.Precip. horaria 0.021174 0.038575 0.549 0.583

L2.Temp. prom aire -0.575638 0.016281 -35.356 0.000

L3.Conduct 925.567320 513.473842 1.803 0.071

L3.Water -4985.544165 2554.891714 -1.951 0.051

L3.Temp -255.378898 212.976352 -1.199 0.230

L3.Precip. horaria -0.005274 0.038991 -0.135 0.892

L3.Temp. prom aire 0.075686 0.017141 4.416 0.000

L4.Conduct -1040.873089 450.566659 -2.310 0.021

L4.Water 7670.227923 2710.128577 2.830 0.005

L4.Temp 227.532676 169.364539 1.343 0.179

L4.Precip. horaria -0.009874 0.038795 -0.255 0.799

L4.Temp. prom aire -0.020918 0.017157 -1.219 0.223

L5.Conduct 548.075305 183.193828 2.992 0.003

L5.Water -9243.388272 2006.190300 -4.607 0.000

L5.Temp -347.070535 NAN NAN NAN

L5.Precip. horaria 0.002190 0.038660 0.057 0.955

L5.Temp. prom aire -0.017977 0.017153 -1.048 0.295

L6.Conduct 371.991727 NAN NAN NAN

L6.Water 9225.030744 1928.889563 4.783 0.000

L6.Temp 148.653832 NAN NAN NAN

L6.Precip. horaria 0.019297 0.038492 0.501 0.616

L6.Temp. prom aire 0.017769 0.017154 1.036 0.300

L7.Conduct -1342.063494 NAN NAN NAN

L7.Water -7518.985475 2306.981977 -3.259 0.001

L7.Temp 220.992914 NAN NAN NAN

L7.Precip. horaria 0.018175 0.038336 0.474 0.635

L7.Temp. prom aire -0.034906 0.017156 -2.035 0.042

L8.Conduct 1964.146794 1015.239339 1.935 0.053

L8.Water 5576.109050 3064.500919 1.820 0.069

L8.Temp -376.700510 305.525014 -1.233 0.218

L8.Precip. horaria 0.030244 0.038500 0.786 0.432

L8.Temp. prom aire 0.012756 0.017165 0.743 0.457

L9.Conduct -1898.057890 1762.615052 -1.077 0.282

L9.Water -4463.207799 3832.060830 -1.165 0.244

L9.Temp 524.357072 552.434204 0.949 0.343

L9.Precip. horaria -0.026852 0.038654 -0.695 0.487

L9.Temp. prom aire 0.007912 0.017164 0.461 0.645

L10.Conduct 1228.347037 2164.019768 0.568 0.570

L10.Water 3238.031329 3750.295454 0.863 0.388

L10.Temp -404.167588 682.157876 -0.592 0.554

L10.Precip. horaria -0.057880 0.038493 -1.504 0.133

L10.Temp. prom aire -0.003744 0.017164 -0.218 0.827

L11.Conduct -516.782486 2154.048573 -0.240 0.810

L11.Water -1232.286788 2044.890487 -0.603 0.547

L11.Temp 9.630979 680.735051 0.014 0.989

L11.Precip. horaria 0.007400 0.038472 0.192 0.847

L11.Temp. prom aire -0.016069 0.017161 -0.936 0.349

L12.Conduct -39.758139 1874.202425 -0.021 0.983

L12.Water 99.842598 NAN NAN NAN

L12.Temp 140.248679 598.638399 0.234 0.815

L12.Precip. horaria 0.027102 0.038476 0.704 0.481

L12.Temp. prom aire 0.017341 0.017164 1.010 0.312

L13.Conduct 586.887184 1597.604820 0.367 0.713

L13.Water -1712.233429 NAN NAN NAN

L13.Temp -184.703342 517.154324 -0.357 0.721

L13.Precip. horaria -0.012860 0.038526 -0.334 0.739

L13.Temp. prom aire -0.019781 0.017167 -1.152 0.249

L14.Conduct -805.797650 1547.265244 -0.521 0.603

L14.Water 5033.096734 NAN NAN NAN

L14.Temp 294.209077 497.696053 0.591 0.554

L14.Precip. horaria -0.014291 0.038620 -0.370 0.711

L14.Temp. prom aire 0.028112 0.017165 1.638 0.101

L15.Conduct 462.512013 1638.911003 0.282 0.778

L15.Water -7134.583491 2970.194442 -2.402 0.016

L15.Temp -311.278794 525.626101 -0.592 0.554

L15.Precip. horaria 0.015049 0.038557 0.390 0.696

L15.Temp. prom aire -0.014156 0.017161 -0.825 0.409

L16.Conduct 84.833454 1589.795166 0.053 0.957

L16.Water 5614.738314 3548.653966 1.582 0.114

L16.Temp 48.069794 521.409266 0.092 0.927

L16.Precip. horaria -0.007786 0.038483 -0.202 0.840

L16.Temp. prom aire -0.001495 0.017161 -0.087 0.931

L17.Conduct -452.037281 1236.554148 -0.366 0.715

L17.Water -1137.709143 3535.952224 -0.322 0.748

L17.Temp 272.809268 422.295113 0.646 0.518

L17.Precip. horaria 0.012227 0.038442 0.318 0.750

L17.Temp. prom aire 0.020819 0.017155 1.214 0.225

L18.Conduct 397.028657 750.415060 0.529 0.597

L18.Water -1549.783759 3196.898688 -0.485 0.628

L18.Temp -246.641272 270.772887 -0.911 0.362

L18.Precip. horaria 0.002454 0.038434 0.064 0.949

L18.Temp. prom aire -0.023389 0.017155 -1.363 0.173

L19.Conduct -16.227575 805.994059 -0.020 0.984

L19.Water 82.536312 2395.230035 0.034 0.973

L19.Temp 78.846361 263.191254 0.300 0.764

L19.Precip. horaria -0.030660 0.038500 -0.796 0.426

L19.Temp. prom aire 0.021681 0.017148 1.264 0.206

L20.Conduct -308.342041 1186.156643 -0.260 0.795

L20.Water 2344.615546 2415.112171 0.971 0.332

L20.Temp 52.824127 369.441430 0.143 0.886

L20.Precip. horaria -0.011552 0.038546 -0.300 0.764

L20.Temp. prom aire -0.021966 0.017139 -1.282 0.200

L21.Conduct 632.090066 1412.387224 0.448 0.654

L21.Water -3822.198390 3411.558333 -1.120 0.263

L21.Temp -184.927160 429.517666 -0.431 0.667

L21.Precip. horaria 0.006900 0.038532 0.179 0.858

L21.Temp. prom aire 0.016032 0.017142 0.935 0.350

L22.Conduct -1040.461124 1564.908046 -0.665 0.506

L22.Water 5172.904113 3783.029269 1.367 0.172

L22.Temp 343.540401 483.793400 0.710 0.478

L22.Precip. horaria 0.016344 0.038351 0.426 0.670

L22.Temp. prom aire 0.030600 0.017158 1.783 0.075

L23.Conduct 1093.502982 1558.090609 0.702 0.483

L23.Water -6227.104095 3148.780939 -1.978 0.048

L23.Temp -371.011399 910.065557 -0.408 0.684

L23.Precip. horaria 0.016286 0.038310 0.425 0.671

L23.Temp. prom aire 0.052736 0.017172 3.071 0.002

L24.Conduct -617.194924 1175.536280 -0.525 0.600

L24.Water 6821.100014 1316.318721 5.182 0.000

L24.Temp 456.731804 2230.108404 0.205 0.838

L24.Precip. horaria -0.005665 0.038392 -0.148 0.883

L24.Temp. prom aire 0.118389 0.017111 6.919 0.000

L25.Conduct 54.090136 616.259889 0.088 0.930

L25.Water -7502.793818 NAN NAN NAN

L25.Temp -1965.069963 3610.281757 -0.544 0.586

L25.Precip. horaria 0.023148 0.038555 0.600 0.548

L25.Temp. prom aire -0.172664 0.017104 -10.095 0.000

L26.Conduct 193.270476 336.925441 0.574 0.566

L26.Water 8205.429195 NAN NAN NAN

L26.Temp 4408.826763 3907.803303 1.128 0.259

L26.Precip. horaria -0.001781 0.038581 -0.046 0.963

L26.Temp. prom aire -0.000614 0.017156 -0.036 0.971

L27.Conduct -216.538333 312.985833 -0.692 0.489

L27.Water -7912.814241 2795.012009 -2.831 0.005

L27.Temp -4629.369971 3106.676164 -1.490 0.136

L27.Precip. horaria -0.024129 0.038572 -0.626 0.532

L27.Temp. prom aire 0.011110 0.017139 0.648 0.517

L28.Conduct 283.251425 309.477739 0.915 0.360

L28.Water 6435.330896 3634.530374 1.771 0.077

L28.Temp 2377.377089 2580.428064 0.921 0.357

L28.Precip. horaria 0.002652 0.038501 0.069 0.945

L28.Temp. prom aire -0.016803 0.017145 -0.980 0.327

L29.Conduct -341.443475 301.890488 -1.131 0.258

L29.Water -5625.399706 3346.180318 -1.681 0.093

L29.Temp -204.549406 3170.872186 -0.065 0.949

L29.Precip. horaria -0.029479 0.038447 -0.767 0.443

L29.Temp. prom aire 0.023236 0.017155 1.355 0.176

L30.Conduct 203.652390 295.648024 0.689 0.491

L30.Water 5502.919934 2654.269665 2.073 0.038

L30.Temp -1711.981909 3715.530871 -0.461 0.645

L30.Precip. horaria -0.017092 0.038459 -0.444 0.657

L30.Temp. prom aire 0.010817 0.017152 0.631 0.528

L31.Conduct 42.575361 294.640192 0.144 0.885

L31.Water -3557.034582 2584.220298 -1.376 0.169

L31.Temp 3566.779268 3741.153385 0.953 0.340

L31.Precip. horaria -0.024858 0.038558 -0.645 0.519

L31.Temp. prom aire -0.012591 0.017149 -0.734 0.463

L32.Conduct -147.404890 293.141921 -0.503 0.615

L32.Water 341.216513 3142.961134 0.109 0.914

L32.Temp -3768.235180 3360.105743 -1.121 0.262

L32.Precip. horaria 0.050323 0.038615 1.303 0.193

L32.Temp. prom aire -0.001638 0.017147 -0.096 0.924

L33.Conduct 110.205194 290.029111 0.380 0.704

L33.Water 654.040442 3152.010724 0.207 0.836

L33.Temp 1883.914465 2814.262972 0.669 0.503

L33.Precip. horaria 0.000601 0.038604 0.016 0.988

L33.Temp. prom aire 0.016070 0.017151 0.937 0.349

L34.Conduct -97.545391 291.377253 -0.335 0.738

L34.Water 1111.899576 2049.936301 0.542 0.588

L34.Temp 1305.793888 2363.546494 0.552 0.581

L34.Precip. horaria -0.035762 0.038520 -0.928 0.353

L34.Temp. prom aire -0.019096 0.017161 -1.113 0.266

L35.Conduct 62.239793 294.907509 0.211 0.833

L35.Water -2187.494040 NAN NAN NAN

L35.Temp -4047.505003 2091.812662 -1.935 0.053

L35.Precip. horaria 0.019454 0.038797 0.501 0.616

L35.Temp. prom aire 0.030876 0.017162 1.799 0.072

L36.Conduct 43.160522 290.827236 0.148 0.882

L36.Water 397.529653 NAN NAN NAN

L36.Temp 3803.541568 1828.937996 2.080 0.038

L36.Precip. horaria -0.032596 0.039080 -0.834 0.404

L36.Temp. prom aire -0.037310 0.017163 -2.174 0.030

L37.Conduct -82.131181 287.776091 -0.285 0.775

L37.Water 2771.185952 1181.193945 2.346 0.019

L37.Temp -1181.304374 1435.807791 -0.823 0.411

L37.Precip. horaria -0.029491 0.039222 -0.752 0.452

L37.Temp. prom aire 0.023310 0.017166 1.358 0.174

L38.Conduct 0.389100 304.342291 0.001 0.999

L38.Water -5700.869374 2101.551430 -2.713 0.007

L38.Temp -866.555717 1081.468689 -0.801 0.423

L38.Precip. horaria 0.006735 0.039045 0.172 0.863

L38.Temp. prom aire -0.002188 0.017164 -0.127 0.899

L39.Conduct 178.225038 339.725215 0.525 0.600

L39.Water 7872.188396 2094.749902 3.758 0.000

L39.Temp 2738.058729 1044.478270 2.621 0.009

L39.Precip. horaria 0.016008 0.038774 0.413 0.680

L39.Temp. prom aire -0.021466 0.017164 -1.251 0.211

L40.Conduct -281.177770 373.544167 -0.753 0.452

L40.Water -9280.222027 1341.536901 -6.918 0.000

L40.Temp -6902.883740 1172.900697 -5.885 0.000

L40.Precip. horaria -0.043856 0.038990 -1.125 0.261

L40.Temp. prom aire -0.011938 0.017166 -0.695 0.487

L41.Conduct 67.239806 378.535245 0.178 0.859

L41.Water 10666.917327 NAN NAN NAN

L41.Temp 11345.863395 605.475931 18.739 0.000

L41.Precip. horaria 0.027261 0.039307 0.694 0.488

L41.Temp. prom aire 0.004877 0.017169 0.284 0.776

L42.Conduct 165.311442 347.560714 0.476 0.634

L42.Water -10645.077302 NAN NAN NAN

L42.Temp -9862.194969 NAN NAN NAN

L42.Precip. horaria -0.030131 0.039354 -0.766 0.444

L42.Temp. prom aire 0.018513 0.017172 1.078 0.281

L43.Conduct 30.241182 294.365968 0.103 0.918

L43.Water 6486.945813 NAN NAN NAN

L43.Temp 1172.191517 NAN NAN NAN

L43.Precip. horaria 0.032835 0.039058 0.841 0.401

L43.Temp. prom aire -0.014156 0.017178 -0.824 0.410

L44.Conduct -368.684205 246.866604 -1.493 0.135

L44.Water 122.717098 1878.785174 0.065 0.948

L44.Temp 6650.518037 2004.006230 3.319 0.001

L44.Precip. horaria -0.019191 0.038562 -0.498 0.619

L44.Temp. prom aire 0.026182 0.017171 1.525 0.127

L45.Conduct 384.666194 250.646488 1.535 0.125

L45.Water -4437.111206 2608.300303 -1.701 0.089

L45.Temp -6840.541903 2324.668475 -2.943 0.003

L45.Precip. horaria -0.013089 0.038204 -0.343 0.732

L45.Temp. prom aire -0.015472 0.017169 -0.901 0.367

L46.Conduct -180.064758 242.478418 -0.743 0.458

L46.Water 4512.304305 2132.994409 2.115 0.034

L46.Temp 2859.942152 1718.162177 1.665 0.096

L46.Precip. horaria 0.028338 0.038255 0.741 0.459

L46.Temp. prom aire 0.001193 0.017154 0.070 0.945

L47.Conduct 38.763163 141.166764 0.275 0.784

L47.Water -2250.518673 1001.422983 -2.247 0.025

L47.Temp -433.100454 777.484666 -0.557 0.577

L47.Precip. horaria 0.004951 0.038322 0.129 0.897

L47.Temp. prom aire 0.103899 0.016294 6.377 0.000

L48.Conduct -2.459176 34.264110 -0.072 0.943

L48.Water 475.036990 203.647692 2.333 0.020

L48.Temp -8.770012 155.817177 -0.056 0.955

L48.Precip. horaria -0.006322 0.033711 -0.188 0.851

L48.Temp. prom aire -0.080357 0.009359 -8.586 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.276443 0.686890 -0.000346 -0.017020

Water 0.276443 1.000000 -0.264272 -0.021015 0.009619

Temp 0.686890 -0.264272 1.000000 0.006008 -0.035433

Precip. horaria -0.000346 -0.021015 0.006008 1.000000 -0.027526

Temp. prom aire -0.017020 0.009619 -0.035433 -0.027526 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -56.7791

Nobs: 11641.0 HQIC: -57.2852

Log likelihood: 253534. FPE: 1.02375e-25

AIC: -57.5412 Det(Omega\_mle): 9.24055e-26

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000441 0.000110 4.014 0.000

L1.Conduct 2.937387 0.016345 179.708 0.000

L1.Water 12.137401 0.162000 74.922 0.000

L1.Temp -4.118254 0.105944 -38.872 0.000

L1.Precip. horaria 0.000029 0.000035 0.851 0.395

L1.Temp. prom aire -0.000003 0.000010 -0.259 0.795

L2.Conduct -0.906276 0.071011 -12.763 0.000

L2.Water -65.376820 0.655178 -99.785 0.000

L2.Temp 22.087066 0.452626 48.798 0.000

L2.Precip. horaria -0.000007 0.000040 -0.175 0.861

L2.Temp. prom aire -0.000014 0.000017 -0.836 0.403

L3.Conduct -6.101778 0.152682 -39.964 0.000

L3.Water 146.710975 1.538391 95.367 0.000

L3.Temp -49.590867 0.668020 -74.236 0.000

L3.Precip. horaria -0.000005 0.000040 -0.112 0.910

L3.Temp. prom aire 0.000027 0.000018 1.489 0.137

L4.Conduct 9.657362 0.230365 41.922 0.000

L4.Water -176.728576 2.839006 -62.250 0.000

L4.Temp 60.042443 NAN NAN NAN

L4.Precip. horaria 0.000026 0.000040 0.654 0.513

L4.Temp. prom aire 0.000000 0.000018 0.026 0.979

L5.Conduct -6.641129 0.229166 -28.980 0.000

L5.Water 125.656016 3.024001 41.553 0.000

L5.Temp -43.367644 NAN NAN NAN

L5.Precip. horaria 0.000021 0.000040 0.530 0.596

L5.Temp. prom aire -0.000008 0.000018 -0.415 0.678

L6.Conduct 3.146857 0.116708 26.964 0.000

L6.Water -64.580965 1.137150 -56.792 0.000

L6.Temp 23.956040 NAN NAN NAN

L6.Precip. horaria -0.000023 0.000040 -0.570 0.569

L6.Temp. prom aire 0.000017 0.000018 0.957 0.338

L7.Conduct -2.168839 0.091905 -23.599 0.000

L7.Water 45.401851 1.317826 34.452 0.000

L7.Temp -19.864973 NAN NAN NAN

L7.Precip. horaria 0.000009 0.000040 0.229 0.819

L7.Temp. prom aire -0.000031 0.000018 -1.694 0.090

L8.Conduct 2.024324 0.159900 12.660 0.000

L8.Water -43.274357 2.173826 -19.907 0.000

L8.Temp 21.375999 NAN NAN NAN

L8.Precip. horaria -0.000002 0.000040 -0.052 0.959

L8.Temp. prom aire 0.000030 0.000018 1.667 0.096

L9.Conduct -1.266526 0.131586 -9.625 0.000

L9.Water 25.240791 0.603331 41.836 0.000

L9.Temp -14.962308 NAN NAN NAN

L9.Precip. horaria 0.000005 0.000040 0.125 0.901

L9.Temp. prom aire -0.000018 0.000018 -1.015 0.310

L10.Conduct -0.315970 0.065290 -4.839 0.000

L10.Water 8.696094 NAN NAN NAN

L10.Temp 0.594530 1.546062 0.385 0.701

L10.Precip. horaria 0.000014 0.000040 0.355 0.722

L10.Temp. prom aire -0.000002 0.000018 -0.120 0.904

L11.Conduct 1.944088 0.065460 29.699 0.000

L11.Water -39.268839 1.101617 -35.647 0.000

L11.Temp 12.579468 2.507710 5.016 0.000

L11.Precip. horaria -0.000038 0.000040 -0.936 0.349

L11.Temp. prom aire 0.000007 0.000018 0.360 0.719

L12.Conduct -2.511000 0.114208 -21.986 0.000

L12.Water 46.008193 1.212219 37.954 0.000

L12.Temp -15.263543 2.408824 -6.337 0.000

L12.Precip. horaria -0.000034 0.000040 -0.841 0.400

L12.Temp. prom aire -0.000004 0.000018 -0.237 0.812

L13.Conduct 1.534480 0.173737 8.832 0.000

L13.Water -23.217510 1.933701 -12.007 0.000

L13.Temp 5.115271 1.243086 4.115 0.000

L13.Precip. horaria 0.000025 0.000040 0.610 0.542

L13.Temp. prom aire 0.000023 0.000018 1.276 0.202

L14.Conduct 0.216694 0.203355 1.066 0.287

L14.Water -11.167489 2.973077 -3.756 0.000

L14.Temp 9.738178 NAN NAN NAN

L14.Precip. horaria -0.000004 0.000040 -0.106 0.916

L14.Temp. prom aire -0.000028 0.000018 -1.552 0.121

L15.Conduct -1.241680 0.174646 -7.110 0.000

L15.Water 28.642318 2.904021 9.863 0.000

L15.Temp -16.611843 0.365547 -45.444 0.000

L15.Precip. horaria -0.000020 0.000040 -0.493 0.622

L15.Temp. prom aire 0.000004 0.000018 0.203 0.839

L16.Conduct 0.919971 0.102460 8.979 0.000

L16.Water -20.114024 1.281706 -15.693 0.000

L16.Temp 12.239419 NAN NAN NAN

L16.Precip. horaria 0.000013 0.000040 0.324 0.746

L16.Temp. prom aire -0.000007 0.000018 -0.389 0.697

L17.Conduct -0.215621 0.062590 -3.445 0.001

L17.Water 7.124057 NAN NAN NAN

L17.Temp -6.478932 NAN NAN NAN

L17.Precip. horaria -0.000016 0.000040 -0.392 0.695

L17.Temp. prom aire 0.000014 0.000018 0.773 0.440

L18.Conduct 0.416764 0.100819 4.134 0.000

L18.Water -12.705260 NAN NAN NAN

L18.Temp 8.796341 NAN NAN NAN

L18.Precip. horaria 0.000030 0.000040 0.746 0.456

L18.Temp. prom aire 0.000001 0.000018 0.035 0.972

L19.Conduct -1.449187 0.135572 -10.689 0.000

L19.Water 32.826990 1.511044 21.725 0.000

L19.Temp -17.494303 NAN NAN NAN

L19.Precip. horaria 0.000026 0.000040 0.639 0.523

L19.Temp. prom aire 0.000000 0.000018 0.015 0.988

L20.Conduct 2.121360 0.157749 13.448 0.000

L20.Water -44.634743 1.616935 -27.605 0.000

L20.Temp 23.310177 NAN NAN NAN

L20.Precip. horaria 0.000007 0.000040 0.185 0.853

L20.Temp. prom aire -0.000006 0.000018 -0.350 0.726

L21.Conduct -1.475922 0.175022 -8.433 0.000

L21.Water 27.433619 1.450025 18.919 0.000

L21.Temp -17.704588 NAN NAN NAN

L21.Precip. horaria -0.000018 0.000040 -0.454 0.650

L21.Temp. prom aire 0.000011 0.000018 0.583 0.560

L22.Conduct -0.899374 0.173456 -5.185 0.000

L22.Water 19.957858 1.237039 16.134 0.000

L22.Temp 0.174724 1.024624 0.171 0.865

L22.Precip. horaria 0.000044 0.000040 1.091 0.275

L22.Temp. prom aire -0.000004 0.000018 -0.216 0.829

L23.Conduct 3.356069 0.149420 22.461 0.000

L23.Water -64.361151 0.861103 -74.743 0.000

L23.Temp 16.621648 NAN NAN NAN

L23.Precip. horaria 0.000031 0.000040 0.764 0.445

L23.Temp. prom aire 0.000002 0.000018 0.129 0.897

L24.Conduct -3.008513 0.102255 -29.422 0.000

L24.Water 63.285100 0.434968 145.494 0.000

L24.Temp -17.122870 NAN NAN NAN

L24.Precip. horaria 0.000013 0.000040 0.319 0.750

L24.Temp. prom aire -0.000002 0.000018 -0.111 0.912

L25.Conduct 0.912685 0.036992 24.673 0.000

L25.Water -19.367510 0.729998 -26.531 0.000

L25.Temp 2.491054 NAN NAN NAN

L25.Precip. horaria -0.000021 0.000040 -0.512 0.609

L25.Temp. prom aire -0.000008 0.000018 -0.418 0.676

L26.Conduct 0.004095 0.012334 0.332 0.740

L26.Water -29.243840 0.897787 -32.573 0.000

L26.Temp 14.617026 NAN NAN NAN

L26.Precip. horaria -0.000004 0.000040 -0.096 0.924

L26.Temp. prom aire 0.000000 0.000018 0.004 0.997

L27.Conduct 0.007650 0.012323 0.621 0.535

L27.Water 63.103715 NAN NAN NAN

L27.Temp -28.416369 1.540823 -18.442 0.000

L27.Precip. horaria 0.000030 0.000040 0.749 0.454

L27.Temp. prom aire -0.000002 0.000018 -0.092 0.927

L28.Conduct 0.010728 0.012313 0.871 0.384

L28.Water -80.540562 NAN NAN NAN

L28.Temp 36.652980 1.458273 25.135 0.000

L28.Precip. horaria -0.000050 0.000040 -1.244 0.213

L28.Temp. prom aire -0.000009 0.000018 -0.512 0.608

L29.Conduct -0.000382 0.012380 -0.031 0.975

L29.Water 79.906802 NAN NAN NAN

L29.Temp -37.254191 1.652966 -22.538 0.000

L29.Precip. horaria -0.000075 0.000040 -1.846 0.065

L29.Temp. prom aire 0.000001 0.000018 0.036 0.971

L30.Conduct -0.000760 0.012392 -0.061 0.951

L30.Water -73.049920 NAN NAN NAN

L30.Temp 36.223714 2.215471 16.350 0.000

L30.Precip. horaria 0.000049 0.000040 1.203 0.229

L30.Temp. prom aire -0.000009 0.000018 -0.498 0.619

L31.Conduct 0.002545 0.012317 0.207 0.836

L31.Water 75.942173 NAN NAN NAN

L31.Temp -40.480979 2.633805 -15.370 0.000

L31.Precip. horaria 0.000051 0.000040 1.274 0.203

L31.Temp. prom aire 0.000024 0.000018 1.332 0.183

L32.Conduct -0.018909 0.012315 -1.535 0.125

L32.Water -86.171400 NAN NAN NAN

L32.Temp 47.555159 2.661893 17.865 0.000

L32.Precip. horaria -0.000010 0.000040 -0.257 0.797

L32.Temp. prom aire -0.000017 0.000018 -0.960 0.337

L33.Conduct 0.017679 0.012436 1.422 0.155

L33.Water 93.289035 NAN NAN NAN

L33.Temp -51.935348 2.190466 -23.710 0.000

L33.Precip. horaria -0.000003 0.000040 -0.066 0.947

L33.Temp. prom aire -0.000002 0.000018 -0.123 0.902

L34.Conduct -0.014015 0.012373 -1.133 0.257

L34.Water -92.033838 NAN NAN NAN

L34.Temp 51.676855 1.551869 33.300 0.000

L34.Precip. horaria 0.000025 0.000040 0.614 0.539

L34.Temp. prom aire 0.000020 0.000018 1.097 0.273

L35.Conduct 0.002238 0.012260 0.183 0.855

L35.Water 81.355071 NAN NAN NAN

L35.Temp -46.627874 2.147243 -21.715 0.000

L35.Precip. horaria -0.000002 0.000040 -0.040 0.968

L35.Temp. prom aire -0.000015 0.000018 -0.857 0.391

L36.Conduct 0.006293 0.012392 0.508 0.612

L36.Water -65.290815 NAN NAN NAN

L36.Temp 38.100068 3.286769 11.592 0.000

L36.Precip. horaria -0.000024 0.000040 -0.599 0.549

L36.Temp. prom aire 0.000004 0.000018 0.206 0.837

L37.Conduct -0.001440 0.012346 -0.117 0.907

L37.Water 49.306144 NAN NAN NAN

L37.Temp -29.182132 3.525296 -8.278 0.000

L37.Precip. horaria 0.000022 0.000040 0.534 0.593

L37.Temp. prom aire 0.000002 0.000018 0.125 0.900

L38.Conduct -0.007371 0.012290 -0.600 0.549

L38.Water -34.467314 0.162276 -212.399 0.000

L38.Temp 21.030373 2.559705 8.216 0.000

L38.Precip. horaria -0.000031 0.000040 -0.773 0.439

L38.Temp. prom aire 0.000001 0.000018 0.067 0.946

L39.Conduct 0.013052 0.012329 1.059 0.290

L39.Water 19.975885 1.462024 13.663 0.000

L39.Temp -12.883486 0.945265 -13.629 0.000

L39.Precip. horaria 0.000021 0.000040 0.520 0.603

L39.Temp. prom aire -0.000007 0.000018 -0.380 0.704

L40.Conduct -0.006907 0.012371 -0.558 0.577

L40.Water -8.672263 NAN NAN NAN

L40.Temp 6.828634 0.663436 10.293 0.000

L40.Precip. horaria -0.000007 0.000040 -0.179 0.858

L40.Temp. prom aire 0.000015 0.000018 0.804 0.422

L41.Conduct -0.019747 0.012359 -1.598 0.110

L41.Water 4.315679 NAN NAN NAN

L41.Temp -5.047984 1.598416 -3.158 0.002

L41.Precip. horaria 0.000017 0.000040 0.411 0.681

L41.Temp. prom aire -0.000017 0.000018 -0.938 0.348

L42.Conduct 0.022010 0.012329 1.785 0.074

L42.Water -2.108036 1.500058 -1.405 0.160

L42.Temp 4.119267 2.102717 1.959 0.050

L42.Precip. horaria -0.000031 0.000040 -0.765 0.444

L42.Temp. prom aire 0.000007 0.000018 0.360 0.719

L43.Conduct -0.003000 0.012330 -0.243 0.808

L43.Water -5.369831 1.201421 -4.470 0.000

L43.Temp -0.186566 2.431197 -0.077 0.939

L43.Precip. horaria 0.000002 0.000040 0.052 0.958

L43.Temp. prom aire 0.000004 0.000018 0.232 0.817

L44.Conduct -0.006795 0.012376 -0.549 0.583

L44.Water 13.040914 NAN NAN NAN

L44.Temp -4.281424 2.490210 -1.719 0.086

L44.Precip. horaria -0.000007 0.000040 -0.167 0.867

L44.Temp. prom aire -0.000010 0.000018 -0.532 0.595

L45.Conduct 0.030398 0.012296 2.472 0.013

L45.Water -12.324954 NAN NAN NAN

L45.Temp 5.075772 2.049721 2.476 0.013

L45.Precip. horaria 0.000015 0.000040 0.375 0.708

L45.Temp. prom aire 0.000001 0.000018 0.045 0.964

L46.Conduct -0.013434 0.012288 -1.093 0.274

L46.Water 6.313866 NAN NAN NAN

L46.Temp -2.832594 1.297372 -2.183 0.029

L46.Precip. horaria -0.000002 0.000040 -0.041 0.967

L46.Temp. prom aire 0.000000 0.000018 0.015 0.988

L47.Conduct -0.028152 0.009514 -2.959 0.003

L47.Water -1.894868 0.487745 -3.885 0.000

L47.Temp 0.794912 0.553504 1.436 0.151

L47.Precip. horaria 0.000013 0.000040 0.324 0.746

L47.Temp. prom aire 0.000004 0.000017 0.237 0.813

L48.Conduct 0.017995 0.003110 5.786 0.000

L48.Water 0.294336 0.150020 1.962 0.050

L48.Temp -0.088061 0.110320 -0.798 0.425

L48.Precip. horaria 0.000058 0.000035 1.679 0.093

L48.Temp. prom aire 0.000007 0.000010 0.712 0.476

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000032 0.000007 4.404 0.000

L1.Conduct -0.122524 0.001085 -112.946 0.000

L1.Water 5.734934 0.010752 533.405 0.000

L1.Temp -0.345225 0.007031 -49.099 0.000

L1.Precip. horaria 0.000002 0.000002 0.683 0.494

L1.Temp. prom aire -0.000001 0.000001 -1.220 0.222

L2.Conduct 0.582576 0.004713 123.616 0.000

L2.Water -14.640059 0.043483 -336.688 0.000

L2.Temp 1.810119 0.030040 60.258 0.000

L2.Precip. horaria -0.000001 0.000003 -0.195 0.846

L2.Temp. prom aire -0.000000 0.000001 -0.101 0.920

L3.Conduct -1.147088 0.010133 -113.202 0.000

L3.Water 21.958064 0.102099 215.066 0.000

L3.Temp -3.958219 0.044335 -89.280 0.000

L3.Precip. horaria 0.000000 0.000003 0.109 0.913

L3.Temp. prom aire 0.000001 0.000001 1.179 0.238

L4.Conduct 1.225425 0.015289 80.152 0.000

L4.Water -21.448072 0.188418 -113.832 0.000

L4.Temp 4.641318 NAN NAN NAN

L4.Precip. horaria 0.000001 0.000003 0.537 0.591

L4.Temp. prom aire 0.000000 0.000001 0.254 0.799

L5.Conduct -0.818250 0.015209 -53.800 0.000

L5.Water 14.520002 0.200696 72.348 0.000

L5.Temp -3.204044 NAN NAN NAN

L5.Precip. horaria 0.000000 0.000003 0.009 0.992

L5.Temp. prom aire -0.000001 0.000001 -0.641 0.522

L6.Conduct 0.434046 0.007746 56.038 0.000

L6.Water -7.868678 0.075470 -104.263 0.000

L6.Temp 1.612233 NAN NAN NAN

L6.Precip. horaria -0.000002 0.000003 -0.830 0.407

L6.Temp. prom aire 0.000001 0.000001 1.070 0.284

L7.Conduct -0.269602 0.006099 -44.201 0.000

L7.Water 4.910862 0.087461 56.149 0.000

L7.Temp -1.149813 NAN NAN NAN

L7.Precip. horaria 0.000001 0.000003 0.303 0.762

L7.Temp. prom aire -0.000002 0.000001 -1.496 0.135

L8.Conduct 0.202792 0.010612 19.109 0.000

L8.Water -3.795854 0.144272 -26.310 0.000

L8.Temp 1.088009 NAN NAN NAN

L8.Precip. horaria 0.000001 0.000003 0.194 0.846

L8.Temp. prom aire 0.000002 0.000001 1.350 0.177

L9.Conduct -0.124577 0.008733 -14.265 0.000

L9.Water 2.144309 0.040042 53.552 0.000

L9.Temp -0.571645 NAN NAN NAN

L9.Precip. horaria 0.000000 0.000003 0.186 0.853

L9.Temp. prom aire -0.000001 0.000001 -0.767 0.443

L10.Conduct 0.011979 0.004333 2.764 0.006

L10.Water 0.188002 NAN NAN NAN

L10.Temp -0.351682 0.102608 -3.427 0.001

L10.Precip. horaria 0.000001 0.000003 0.407 0.684

L10.Temp. prom aire -0.000000 0.000001 -0.088 0.930

L11.Conduct 0.087780 0.004344 20.205 0.000

L11.Water -2.048589 0.073112 -28.020 0.000

L11.Temp 1.132917 0.166431 6.807 0.000

L11.Precip. horaria -0.000003 0.000003 -1.069 0.285

L11.Temp. prom aire 0.000000 0.000001 0.348 0.728

L12.Conduct -0.116605 0.007580 -15.384 0.000

L12.Water 2.380808 0.080452 29.593 0.000

L12.Temp -1.256787 0.159868 -7.861 0.000

L12.Precip. horaria -0.000004 0.000003 -1.391 0.164

L12.Temp. prom aire -0.000001 0.000001 -0.614 0.539

L13.Conduct 0.061972 0.011530 5.375 0.000

L13.Water -1.063779 0.128335 -8.289 0.000

L13.Temp 0.611031 0.082501 7.406 0.000

L13.Precip. horaria 0.000001 0.000003 0.543 0.587

L13.Temp. prom aire 0.000002 0.000001 1.537 0.124

L14.Conduct 0.032615 0.013496 2.417 0.016

L14.Water -0.881682 0.197316 -4.468 0.000

L14.Temp 0.324076 NAN NAN NAN

L14.Precip. horaria 0.000000 0.000003 0.131 0.896

L14.Temp. prom aire -0.000002 0.000001 -1.585 0.113

L15.Conduct -0.094414 0.011591 -8.146 0.000

L15.Water 1.966647 0.192733 10.204 0.000

L15.Temp -0.782996 0.024260 -32.275 0.000

L15.Precip. horaria -0.000000 0.000003 -0.155 0.877

L15.Temp. prom aire 0.000000 0.000001 0.409 0.683

L16.Conduct 0.086937 0.006800 12.785 0.000

L16.Water -1.627750 0.085064 -19.136 0.000

L16.Temp 0.523962 NAN NAN NAN

L16.Precip. horaria 0.000001 0.000003 0.333 0.739

L16.Temp. prom aire -0.000000 0.000001 -0.234 0.815

L17.Conduct -0.050541 0.004154 -12.167 0.000

L17.Water 0.890050 NAN NAN NAN

L17.Temp -0.109507 NAN NAN NAN

L17.Precip. horaria -0.000001 0.000003 -0.271 0.787

L17.Temp. prom aire 0.000001 0.000001 0.463 0.644

L18.Conduct 0.049831 0.006691 7.447 0.000

L18.Water -0.954991 NAN NAN NAN

L18.Temp 0.144725 NAN NAN NAN

L18.Precip. horaria 0.000003 0.000003 0.972 0.331

L18.Temp. prom aire 0.000000 0.000001 0.005 0.996

L19.Conduct -0.089630 0.008998 -9.962 0.000

L19.Water 1.766917 0.100284 17.619 0.000

L19.Temp -0.576337 NAN NAN NAN

L19.Precip. horaria 0.000002 0.000003 0.817 0.414

L19.Temp. prom aire 0.000000 0.000001 0.371 0.711

L20.Conduct 0.121256 0.010469 11.582 0.000

L20.Water -2.341202 0.107312 -21.817 0.000

L20.Temp 0.878073 NAN NAN NAN

L20.Precip. horaria 0.000001 0.000003 0.357 0.721

L20.Temp. prom aire -0.000000 0.000001 -0.353 0.724

L21.Conduct -0.092711 0.011616 -7.981 0.000

L21.Water 1.508848 0.096235 15.679 0.000

L21.Temp -0.563323 NAN NAN NAN

L21.Precip. horaria -0.000002 0.000003 -0.837 0.403

L21.Temp. prom aire 0.000000 0.000001 0.376 0.707

L22.Conduct -0.022994 0.011512 -1.997 0.046

L22.Water 0.845214 0.082099 10.295 0.000

L22.Temp -0.448629 0.068002 -6.597 0.000

L22.Precip. horaria 0.000002 0.000003 0.830 0.406

L22.Temp. prom aire -0.000001 0.000001 -0.424 0.672

L23.Conduct 0.138362 0.009917 13.952 0.000

L23.Water -2.916565 0.057149 -51.034 0.000

L23.Temp 1.483448 NAN NAN NAN

L23.Precip. horaria 0.000002 0.000003 0.813 0.416

L23.Temp. prom aire 0.000000 0.000001 0.344 0.731

L24.Conduct -0.122837 0.006786 -18.100 0.000

L24.Water 2.620704 0.028868 90.783 0.000

L24.Temp -1.597089 NAN NAN NAN

L24.Precip. horaria 0.000003 0.000003 1.075 0.283

L24.Temp. prom aire 0.000000 0.000001 0.147 0.883

L25.Conduct 0.035714 0.002455 14.547 0.000

L25.Water 0.448270 0.048448 9.253 0.000

L25.Temp 0.802304 NAN NAN NAN

L25.Precip. horaria -0.000002 0.000003 -0.763 0.445

L25.Temp. prom aire -0.000001 0.000001 -0.569 0.569

L26.Conduct -0.000455 0.000819 -0.556 0.578

L26.Water -4.699860 0.059584 -78.878 0.000

L26.Temp 0.261074 NAN NAN NAN

L26.Precip. horaria -0.000003 0.000003 -1.145 0.252

L26.Temp. prom aire -0.000000 0.000001 -0.126 0.900

L27.Conduct 0.000870 0.000818 1.064 0.288

L27.Water 7.799441 NAN NAN NAN

L27.Temp -1.343355 0.102261 -13.137 0.000

L27.Precip. horaria 0.000002 0.000003 0.795 0.426

L27.Temp. prom aire -0.000000 0.000001 -0.120 0.904

L28.Conduct 0.000316 0.000817 0.387 0.699

L28.Water -8.561086 NAN NAN NAN

L28.Temp 2.099551 0.096782 21.694 0.000

L28.Precip. horaria -0.000001 0.000003 -0.376 0.707

L28.Temp. prom aire -0.000001 0.000001 -0.420 0.674

L29.Conduct 0.000055 0.000822 0.067 0.946

L29.Water 7.417404 NAN NAN NAN

L29.Temp -2.140892 0.109703 -19.515 0.000

L29.Precip. horaria -0.000006 0.000003 -2.131 0.033

L29.Temp. prom aire -0.000000 0.000001 -0.121 0.904

L30.Conduct 0.000093 0.000822 0.113 0.910

L30.Water -5.837128 NAN NAN NAN

L30.Temp 1.910529 0.147035 12.994 0.000

L30.Precip. horaria 0.000001 0.000003 0.274 0.784

L30.Temp. prom aire -0.000001 0.000001 -0.521 0.602

L31.Conduct 0.000010 0.000817 0.013 0.990

L31.Water 5.098793 NAN NAN NAN

L31.Temp -2.010448 0.174799 -11.501 0.000

L31.Precip. horaria 0.000003 0.000003 1.279 0.201

L31.Temp. prom aire 0.000002 0.000001 1.369 0.171

L32.Conduct -0.000759 0.000817 -0.929 0.353

L32.Water -5.108039 NAN NAN NAN

L32.Temp 2.312800 0.176663 13.092 0.000

L32.Precip. horaria -0.000001 0.000003 -0.228 0.820

L32.Temp. prom aire -0.000001 0.000001 -0.647 0.518

L33.Conduct 0.000815 0.000825 0.987 0.324

L33.Water 5.134980 NAN NAN NAN

L33.Temp -2.467757 0.145376 -16.975 0.000

L33.Precip. horaria 0.000002 0.000003 0.757 0.449

L33.Temp. prom aire -0.000001 0.000001 -0.710 0.478

L34.Conduct -0.000880 0.000821 -1.071 0.284

L34.Water -4.867055 NAN NAN NAN

L34.Temp 2.417215 0.102994 23.470 0.000

L34.Precip. horaria 0.000001 0.000003 0.296 0.767

L34.Temp. prom aire 0.000002 0.000001 1.297 0.195

L35.Conduct 0.000316 0.000814 0.389 0.697

L35.Water 4.307721 NAN NAN NAN

L35.Temp -2.197305 0.142507 -15.419 0.000

L35.Precip. horaria -0.000000 0.000003 -0.002 0.998

L35.Temp. prom aire -0.000001 0.000001 -0.529 0.597

L36.Conduct 0.000307 0.000822 0.374 0.709

L36.Water -3.597950 NAN NAN NAN

L36.Temp 1.812833 0.218135 8.311 0.000

L36.Precip. horaria -0.000004 0.000003 -1.473 0.141

L36.Temp. prom aire 0.000000 0.000001 0.071 0.943

L37.Conduct -0.000010 0.000819 -0.012 0.991

L37.Water 2.897136 NAN NAN NAN

L37.Temp -1.360998 0.233965 -5.817 0.000

L37.Precip. horaria 0.000001 0.000003 0.560 0.575

L37.Temp. prom aire 0.000000 0.000001 0.095 0.925

L38.Conduct -0.000548 0.000816 -0.672 0.501

L38.Water -2.197856 0.010770 -204.075 0.000

L38.Temp 0.944924 0.169881 5.562 0.000

L38.Precip. horaria -0.000003 0.000003 -1.147 0.251

L38.Temp. prom aire 0.000000 0.000001 0.093 0.926

L39.Conduct 0.000559 0.000818 0.683 0.495

L39.Water 1.373514 0.097031 14.155 0.000

L39.Temp -0.587421 0.062735 -9.364 0.000

L39.Precip. horaria 0.000003 0.000003 1.073 0.283

L39.Temp. prom aire -0.000001 0.000001 -0.669 0.504

L40.Conduct -0.000280 0.000821 -0.341 0.733

L40.Water -0.541545 NAN NAN NAN

L40.Temp 0.366203 0.044031 8.317 0.000

L40.Precip. horaria -0.000000 0.000003 -0.080 0.936

L40.Temp. prom aire 0.000001 0.000001 0.890 0.374

L41.Conduct -0.000733 0.000820 -0.894 0.372

L41.Water 0.080742 NAN NAN NAN

L41.Temp -0.297784 0.106083 -2.807 0.005

L41.Precip. horaria 0.000001 0.000003 0.548 0.584

L41.Temp. prom aire -0.000001 0.000001 -1.075 0.282

L42.Conduct 0.001461 0.000818 1.785 0.074

L42.Water 0.149753 0.099555 1.504 0.133

L42.Temp 0.166942 0.139552 1.196 0.232

L42.Precip. horaria -0.000002 0.000003 -0.584 0.560

L42.Temp. prom aire 0.000001 0.000001 0.710 0.477

L43.Conduct -0.000185 0.000818 -0.227 0.821

L43.Water -0.634534 0.079735 -7.958 0.000

L43.Temp 0.182860 0.161353 1.133 0.257

L43.Precip. horaria 0.000000 0.000003 0.000 1.000

L43.Temp. prom aire -0.000000 0.000001 -0.004 0.997

L44.Conduct -0.001510 0.000821 -1.838 0.066

L44.Water 1.016138 NAN NAN NAN

L44.Temp -0.565326 0.165269 -3.421 0.001

L44.Precip. horaria -0.000001 0.000003 -0.251 0.802

L44.Temp. prom aire -0.000001 0.000001 -0.666 0.506

L45.Conduct 0.002144 0.000816 2.627 0.009

L45.Water -0.746689 NAN NAN NAN

L45.Temp 0.664909 0.136035 4.888 0.000

L45.Precip. horaria 0.000001 0.000003 0.469 0.639

L45.Temp. prom aire 0.000000 0.000001 0.307 0.759

L46.Conduct -0.001232 0.000816 -1.511 0.131

L46.Water 0.251115 NAN NAN NAN

L46.Temp -0.442406 0.086103 -5.138 0.000

L46.Precip. horaria 0.000001 0.000003 0.233 0.816

L46.Temp. prom aire -0.000000 0.000001 -0.214 0.831

L47.Conduct -0.000133 0.000631 -0.210 0.833

L47.Water -0.036011 0.032370 -1.112 0.266

L47.Temp 0.162726 0.036735 4.430 0.000

L47.Precip. horaria 0.000001 0.000003 0.547 0.585

L47.Temp. prom aire 0.000001 0.000001 0.522 0.601

L48.Conduct 0.000266 0.000206 1.291 0.197

L48.Water 0.004605 0.009956 0.463 0.644

L48.Temp -0.025792 0.007322 -3.523 0.000

L48.Precip. horaria 0.000003 0.000002 1.243 0.214

L48.Temp. prom aire 0.000000 0.000001 0.683 0.495

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000024 0.000009 2.696 0.007

L1.Conduct -0.006071 0.001334 -4.551 0.000

L1.Water -0.609077 0.013222 -46.067 0.000

L1.Temp 5.094231 0.008647 589.166 0.000

L1.Precip. horaria -0.000001 0.000003 -0.181 0.856

L1.Temp. prom aire -0.000002 0.000001 -3.018 0.003

L2.Conduct 0.022484 0.005795 3.880 0.000

L2.Water 2.778147 0.053472 51.955 0.000

L2.Temp -11.030085 0.036941 -298.589 0.000

L2.Precip. horaria 0.000001 0.000003 0.430 0.667

L2.Temp. prom aire 0.000003 0.000001 2.033 0.042

L3.Conduct -0.023965 0.012461 -1.923 0.054

L3.Water -5.259443 0.125555 -41.890 0.000

L3.Temp 13.584850 0.054520 249.172 0.000

L3.Precip. horaria 0.000002 0.000003 0.498 0.618

L3.Temp. prom aire 0.000000 0.000001 0.052 0.959

L4.Conduct -0.008386 0.018801 -0.446 0.656

L4.Water 5.579116 0.231703 24.079 0.000

L4.Temp -11.310826 NAN NAN NAN

L4.Precip. horaria 0.000002 0.000003 0.462 0.644

L4.Temp. prom aire 0.000002 0.000001 1.297 0.195

L5.Conduct 0.028016 0.018703 1.498 0.134

L5.Water -3.931970 0.246801 -15.932 0.000

L5.Temp 7.682666 NAN NAN NAN

L5.Precip. horaria -0.000002 0.000003 -0.537 0.591

L5.Temp. prom aire -0.000003 0.000001 -1.703 0.089

L6.Conduct 0.016427 0.009525 1.725 0.085

L6.Water 1.715812 0.092808 18.488 0.000

L6.Temp -4.659857 NAN NAN NAN

L6.Precip. horaria -0.000001 0.000003 -0.404 0.686

L6.Temp. prom aire 0.000002 0.000001 1.024 0.306

L7.Conduct -0.102152 0.007501 -13.619 0.000

L7.Water 0.586811 0.107553 5.456 0.000

L7.Temp 2.265504 NAN NAN NAN

L7.Precip. horaria -0.000000 0.000003 -0.121 0.903

L7.Temp. prom aire 0.000000 0.000001 0.144 0.885

L8.Conduct 0.148517 0.013050 11.380 0.000

L8.Water -1.677369 0.177415 -9.454 0.000

L8.Temp -1.062830 NAN NAN NAN

L8.Precip. horaria 0.000000 0.000003 0.149 0.882

L8.Temp. prom aire -0.000001 0.000001 -0.580 0.562

L9.Conduct -0.072774 0.010739 -6.776 0.000

L9.Water 0.015126 0.049240 0.307 0.759

L9.Temp 1.446123 NAN NAN NAN

L9.Precip. horaria 0.000002 0.000003 0.462 0.644

L9.Temp. prom aire 0.000000 0.000001 0.107 0.914

L10.Conduct -0.112972 0.005329 -21.201 0.000

L10.Water 3.607298 NAN NAN NAN

L10.Temp -2.857252 0.126181 -22.644 0.000

L10.Precip. horaria -0.000001 0.000003 -0.268 0.789

L10.Temp. prom aire -0.000000 0.000001 -0.184 0.854

L11.Conduct 0.271638 0.005342 50.845 0.000

L11.Water -6.434059 0.089908 -71.563 0.000

L11.Temp 4.099352 0.204665 20.030 0.000

L11.Precip. horaria -0.000000 0.000003 -0.115 0.909

L11.Temp. prom aire 0.000000 0.000001 0.243 0.808

L12.Conduct -0.298346 0.009321 -32.008 0.000

L12.Water 6.784643 0.098934 68.577 0.000

L12.Temp -4.309865 0.196594 -21.923 0.000

L12.Precip. horaria -0.000002 0.000003 -0.581 0.561

L12.Temp. prom aire -0.000001 0.000001 -0.440 0.660

L13.Conduct 0.240208 0.014179 16.941 0.000

L13.Water -5.604519 0.157817 -35.513 0.000

L13.Temp 3.742851 0.101453 36.892 0.000

L13.Precip. horaria -0.000002 0.000003 -0.535 0.593

L13.Temp. prom aire 0.000001 0.000001 0.512 0.609

L14.Conduct -0.193408 0.016597 -11.653 0.000

L14.Water 4.522342 0.242645 18.638 0.000

L14.Temp -3.124623 NAN NAN NAN

L14.Precip. horaria 0.000002 0.000003 0.655 0.512

L14.Temp. prom aire -0.000001 0.000001 -0.412 0.680

L15.Conduct 0.164719 0.014254 11.556 0.000

L15.Water -3.688449 0.237009 -15.562 0.000

L15.Temp 2.704550 0.029834 90.654 0.000

L15.Precip. horaria -0.000002 0.000003 -0.555 0.579

L15.Temp. prom aire 0.000000 0.000001 0.280 0.780

L16.Conduct -0.091610 0.008362 -10.955 0.000

L16.Water 2.087364 0.104605 19.955 0.000

L16.Temp -2.158290 NAN NAN NAN

L16.Precip. horaria -0.000000 0.000003 -0.129 0.897

L16.Temp. prom aire 0.000001 0.000001 0.405 0.685

L17.Conduct -0.044818 0.005108 -8.774 0.000

L17.Water 0.688028 NAN NAN NAN

L17.Temp 1.116814 NAN NAN NAN

L17.Precip. horaria 0.000003 0.000003 0.795 0.426

L17.Temp. prom aire -0.000000 0.000001 -0.302 0.763

L18.Conduct 0.180719 0.008228 21.963 0.000

L18.Water -3.441528 NAN NAN NAN

L18.Temp 0.212411 NAN NAN NAN

L18.Precip. horaria -0.000000 0.000003 -0.104 0.917

L18.Temp. prom aire 0.000000 0.000001 0.154 0.878

L19.Conduct -0.250329 0.011065 -22.624 0.000

L19.Water 4.787779 0.123323 38.823 0.000

L19.Temp -1.087891 NAN NAN NAN

L19.Precip. horaria 0.000003 0.000003 0.975 0.330

L19.Temp. prom aire 0.000000 0.000001 0.071 0.943

L20.Conduct 0.257359 0.012875 19.990 0.000

L20.Water -4.747443 0.131965 -35.975 0.000

L20.Temp 1.090334 NAN NAN NAN

L20.Precip. horaria 0.000000 0.000003 0.095 0.925

L20.Temp. prom aire 0.000001 0.000001 0.484 0.628

L21.Conduct -0.223865 0.014284 -15.672 0.000

L21.Water 3.732416 0.118343 31.539 0.000

L21.Temp -0.447273 NAN NAN NAN

L21.Precip. horaria 0.000001 0.000003 0.423 0.672

L21.Temp. prom aire -0.000000 0.000001 -0.165 0.869

L22.Conduct 0.143895 0.014157 10.165 0.000

L22.Water -1.628614 0.100960 -16.131 0.000

L22.Temp -0.890014 0.083624 -10.643 0.000

L22.Precip. horaria -0.000005 0.000003 -1.601 0.109

L22.Temp. prom aire -0.000001 0.000001 -0.708 0.479

L23.Conduct -0.047367 0.012195 -3.884 0.000

L23.Water -1.045429 0.070278 -14.876 0.000

L23.Temp 2.826574 NAN NAN NAN

L23.Precip. horaria 0.000003 0.000003 0.987 0.323

L23.Temp. prom aire 0.000002 0.000001 1.163 0.245

L24.Conduct -0.002375 0.008345 -0.285 0.776

L24.Water 2.703870 0.035500 76.166 0.000

L24.Temp -4.259554 NAN NAN NAN

L24.Precip. horaria 0.000001 0.000003 0.396 0.692

L24.Temp. prom aire -0.000001 0.000001 -0.555 0.579

L25.Conduct 0.003663 0.003019 1.213 0.225

L25.Water -2.750283 0.059578 -46.163 0.000

L25.Temp 5.287441 NAN NAN NAN

L25.Precip. horaria 0.000003 0.000003 0.796 0.426

L25.Temp. prom aire 0.000000 0.000001 0.179 0.858

L26.Conduct 0.001014 0.001007 1.007 0.314

L26.Water 2.770963 0.073272 37.817 0.000

L26.Temp -6.949937 NAN NAN NAN

L26.Precip. horaria -0.000003 0.000003 -0.838 0.402

L26.Temp. prom aire -0.000001 0.000001 -0.599 0.549

L27.Conduct -0.000304 0.001006 -0.302 0.763

L27.Water -3.431335 NAN NAN NAN

L27.Temp 7.900922 0.125753 62.829 0.000

L27.Precip. horaria -0.000002 0.000003 -0.468 0.640

L27.Temp. prom aire -0.000002 0.000001 -1.163 0.245

L28.Conduct 0.000337 0.001005 0.335 0.737

L28.Water 3.092723 NAN NAN NAN

L28.Temp -6.603916 0.119016 -55.488 0.000

L28.Precip. horaria 0.000000 0.000003 0.006 0.995

L28.Temp. prom aire -0.000000 0.000001 -0.033 0.973

L29.Conduct 0.000209 0.001010 0.206 0.836

L29.Water -1.255627 NAN NAN NAN

L29.Temp 4.219744 0.134906 31.279 0.000

L29.Precip. horaria -0.000001 0.000003 -0.154 0.877

L29.Temp. prom aire 0.000000 0.000001 0.167 0.867

L30.Conduct -0.000970 0.001011 -0.959 0.338

L30.Water -0.969285 NAN NAN NAN

L30.Temp -2.083884 0.180814 -11.525 0.000

L30.Precip. horaria -0.000004 0.000003 -1.291 0.197

L30.Temp. prom aire 0.000000 0.000001 0.229 0.819

L31.Conduct 0.001084 0.001005 1.079 0.281

L31.Water 3.034265 NAN NAN NAN

L31.Temp 0.328944 0.214956 1.530 0.126

L31.Precip. horaria 0.000001 0.000003 0.205 0.838

L31.Temp. prom aire -0.000000 0.000001 -0.008 0.993

L32.Conduct -0.000723 0.001005 -0.719 0.472

L32.Water -4.556097 NAN NAN NAN

L32.Temp 0.910298 0.217248 4.190 0.000

L32.Precip. horaria -0.000002 0.000003 -0.531 0.595

L32.Temp. prom aire 0.000001 0.000001 0.782 0.434

L33.Conduct 0.000062 0.001015 0.061 0.951

L33.Water 4.781185 NAN NAN NAN

L33.Temp -1.325076 0.178773 -7.412 0.000

L33.Precip. horaria 0.000001 0.000003 0.394 0.693

L33.Temp. prom aire -0.000002 0.000001 -1.632 0.103

L34.Conduct 0.000104 0.001010 0.103 0.918

L34.Water -3.467734 NAN NAN NAN

L34.Temp 0.846773 0.126655 6.686 0.000

L34.Precip. horaria 0.000003 0.000003 0.950 0.342

L34.Temp. prom aire 0.000001 0.000001 0.978 0.328

L35.Conduct -0.000126 0.001001 -0.126 0.899

L35.Water 1.381922 NAN NAN NAN

L35.Temp 0.140773 0.175246 0.803 0.422

L35.Precip. horaria -0.000001 0.000003 -0.346 0.729

L35.Temp. prom aire 0.000001 0.000001 0.564 0.573

L36.Conduct 0.000099 0.001011 0.098 0.922

L36.Water 0.286839 NAN NAN NAN

L36.Temp -1.034031 0.268247 -3.855 0.000

L36.Precip. horaria -0.000001 0.000003 -0.211 0.833

L36.Temp. prom aire -0.000000 0.000001 -0.188 0.851

L37.Conduct -0.000045 0.001008 -0.045 0.964

L37.Water -0.924249 NAN NAN NAN

L37.Temp 1.554004 0.287714 5.401 0.000

L37.Precip. horaria -0.000002 0.000003 -0.609 0.542

L37.Temp. prom aire -0.000000 0.000001 -0.299 0.765

L38.Conduct 0.000322 0.001003 0.321 0.748

L38.Water 0.841792 0.013244 63.560 0.000

L38.Temp -1.738119 0.208908 -8.320 0.000

L38.Precip. horaria -0.000002 0.000003 -0.490 0.624

L38.Temp. prom aire 0.000001 0.000001 0.482 0.630

L39.Conduct -0.000246 0.001006 -0.245 0.807

L39.Water -0.722357 0.119322 -6.054 0.000

L39.Temp 1.533257 0.077147 19.874 0.000

L39.Precip. horaria 0.000002 0.000003 0.486 0.627

L39.Temp. prom aire -0.000002 0.000001 -1.306 0.191

L40.Conduct -0.000655 0.001010 -0.648 0.517

L40.Water 0.579290 NAN NAN NAN

L40.Temp -0.821984 0.054146 -15.181 0.000

L40.Precip. horaria 0.000001 0.000003 0.297 0.766

L40.Temp. prom aire 0.000000 0.000001 0.326 0.744

L41.Conduct 0.000563 0.001009 0.558 0.577

L41.Water 0.276039 NAN NAN NAN

L41.Temp -0.221271 0.130453 -1.696 0.090

L41.Precip. horaria -0.000000 0.000003 -0.149 0.882

L41.Temp. prom aire -0.000001 0.000001 -0.381 0.703

L42.Conduct 0.000451 0.001006 0.449 0.654

L42.Water -1.719266 0.122426 -14.043 0.000

L42.Temp 1.155019 0.171612 6.730 0.000

L42.Precip. horaria -0.000002 0.000003 -0.675 0.499

L42.Temp. prom aire 0.000001 0.000001 0.792 0.428

L43.Conduct 0.000075 0.001006 0.075 0.940

L43.Water 2.619222 0.098053 26.712 0.000

L43.Temp -1.514753 0.198420 -7.634 0.000

L43.Precip. horaria 0.000002 0.000003 0.614 0.539

L43.Temp. prom aire -0.000000 0.000001 -0.185 0.853

L44.Conduct -0.000245 0.001010 -0.243 0.808

L44.Water -2.521375 NAN NAN NAN

L44.Temp 1.050522 0.203237 5.169 0.000

L44.Precip. horaria 0.000002 0.000003 0.489 0.625

L44.Temp. prom aire -0.000001 0.000001 -0.456 0.648

L45.Conduct -0.000608 0.001004 -0.606 0.544

L45.Water 1.855175 NAN NAN NAN

L45.Temp -0.176114 0.167286 -1.053 0.292

L45.Precip. horaria -0.000003 0.000003 -0.789 0.430

L45.Temp. prom aire -0.000000 0.000001 -0.048 0.961

L46.Conduct -0.000143 0.001003 -0.143 0.886

L46.Water -1.005922 NAN NAN NAN

L46.Temp -0.300276 0.105884 -2.836 0.005

L46.Precip. horaria 0.000000 0.000003 0.047 0.963

L46.Temp. prom aire -0.000000 0.000001 -0.035 0.972

L47.Conduct 0.000924 0.000776 1.190 0.234

L47.Water 0.326796 0.039807 8.210 0.000

L47.Temp 0.222716 0.045174 4.930 0.000

L47.Precip. horaria 0.000001 0.000003 0.255 0.799

L47.Temp. prom aire 0.000002 0.000001 1.328 0.184

L48.Conduct -0.000384 0.000254 -1.511 0.131

L48.Water -0.043532 0.012244 -3.555 0.000

L48.Temp -0.048955 0.009004 -5.437 0.000

L48.Precip. horaria 0.000002 0.000003 0.664 0.507

L48.Temp. prom aire -0.000001 0.000001 -0.719 0.472

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.015657 0.029613 -0.529 0.597

L1.Conduct 5.288493 4.407038 1.200 0.230

L1.Water -175.016833 43.678476 -4.007 0.000

L1.Temp 59.618955 28.564524 2.087 0.037

L1.Precip. horaria 0.572880 0.009336 61.363 0.000

L1.Temp. prom aire -0.002676 0.002640 -1.014 0.311

L2.Conduct -40.293288 19.145873 -2.105 0.035

L2.Water 976.235199 176.649041 5.526 0.000

L2.Temp -310.057716 122.036976 -2.541 0.011

L2.Precip. horaria 0.146949 0.010740 13.682 0.000

L2.Temp. prom aire 0.008887 0.004625 1.921 0.055

L3.Conduct 106.892633 41.166140 2.597 0.009

L3.Water -2115.038672 414.780740 -5.099 0.000

L3.Temp 633.954288 180.111551 3.520 0.000

L3.Precip. horaria 0.008467 0.010826 0.782 0.434

L3.Temp. prom aire -0.005660 0.004881 -1.160 0.246

L4.Conduct -117.284780 62.111005 -1.888 0.059

L4.Water 1955.754113 765.452376 2.555 0.011

L4.Temp -556.350252 NAN NAN NAN

L4.Precip. horaria -0.025615 0.010833 -2.365 0.018

L4.Temp. prom aire 0.003063 0.004879 0.628 0.530

L5.Conduct 5.940896 61.787718 0.096 0.923

L5.Water 265.155940 815.330815 0.325 0.745

L5.Temp -110.007864 NAN NAN NAN

L5.Precip. horaria -0.006201 0.010840 -0.572 0.567

L5.Temp. prom aire -0.004997 0.004873 -1.026 0.305

L6.Conduct 149.883245 31.466803 4.763 0.000

L6.Water -3172.885483 306.598179 -10.349 0.000

L6.Temp 1029.050546 NAN NAN NAN

L6.Precip. horaria 0.004432 0.010846 0.409 0.683

L6.Temp. prom aire 0.004183 0.004874 0.858 0.391

L7.Conduct -281.034622 24.779287 -11.342 0.000

L7.Water 5736.396334 355.312164 16.145 0.000

L7.Temp -1970.995289 NAN NAN NAN

L7.Precip. horaria 0.042859 0.010847 3.951 0.000

L7.Temp. prom aire -0.001509 0.004882 -0.309 0.757

L8.Conduct 406.403356 43.112260 9.427 0.000

L8.Water -8209.909120 586.106817 -14.008 0.000

L8.Temp 2904.327298 NAN NAN NAN

L8.Precip. horaria -0.044044 0.010853 -4.058 0.000

L8.Temp. prom aire 0.003062 0.004888 0.626 0.531

L9.Conduct -513.226376 35.478078 -14.466 0.000

L9.Water 10329.060753 162.670061 63.497 0.000

L9.Temp -3630.042289 NAN NAN NAN

L9.Precip. horaria 0.031852 0.010862 2.932 0.003

L9.Temp. prom aire -0.003333 0.004887 -0.682 0.495

L10.Conduct 568.421918 17.603534 32.290 0.000

L10.Water -11352.909008 NAN NAN NAN

L10.Temp 3946.966320 416.849067 9.469 0.000

L10.Precip. horaria 0.045952 0.010864 4.230 0.000

L10.Temp. prom aire 0.004166 0.004885 0.853 0.394

L11.Conduct -568.002990 17.649387 -32.183 0.000

L11.Water 11104.948840 297.017788 37.388 0.000

L11.Temp -3790.386688 676.128520 -5.606 0.000

L11.Precip. horaria -0.011125 0.010878 -1.023 0.306

L11.Temp. prom aire -0.001806 0.004888 -0.369 0.712

L12.Conduct 503.110057 30.792757 16.339 0.000

L12.Water -9611.378532 326.838272 -29.407 0.000

L12.Temp 3147.003618 649.466946 4.846 0.000

L12.Precip. horaria 0.030893 0.010866 2.843 0.004

L12.Temp. prom aire -0.004164 0.004889 -0.852 0.394

L13.Conduct -377.649234 46.842937 -8.062 0.000

L13.Water 7055.821542 521.364281 13.533 0.000

L13.Temp -2214.294379 335.160774 -6.607 0.000

L13.Precip. horaria -0.005787 0.010875 -0.532 0.595

L13.Temp. prom aire 0.003391 0.004887 0.694 0.488

L14.Conduct 254.991175 54.828509 4.651 0.000

L14.Water -4756.375821 801.600789 -5.934 0.000

L14.Temp 1445.195326 NAN NAN NAN

L14.Precip. horaria -0.022026 0.010869 -2.026 0.043

L14.Temp. prom aire 0.003007 0.004880 0.616 0.538

L15.Conduct -210.102963 47.088035 -4.462 0.000

L15.Water 4173.527996 782.981802 5.330 0.000

L15.Temp -1191.326217 98.558826 -12.087 0.000

L15.Precip. horaria 0.015200 0.010871 1.398 0.162

L15.Temp. prom aire -0.003798 0.004882 -0.778 0.437

L16.Conduct 216.540521 27.625215 7.839 0.000

L16.Water -4412.919851 345.573448 -12.770 0.000

L16.Temp 1256.720663 NAN NAN NAN

L16.Precip. horaria -0.022815 0.010872 -2.098 0.036

L16.Temp. prom aire 0.002494 0.004901 0.509 0.611

L17.Conduct -200.668881 16.875499 -11.891 0.000

L17.Water 3806.081396 NAN NAN NAN

L17.Temp -1165.874816 NAN NAN NAN

L17.Precip. horaria 0.008755 0.010875 0.805 0.421

L17.Temp. prom aire 0.000076 0.004912 0.015 0.988

L18.Conduct 145.687266 27.182759 5.360 0.000

L18.Water -2520.450732 NAN NAN NAN

L18.Temp 849.819591 NAN NAN NAN

L18.Precip. horaria 0.006237 0.010874 0.574 0.566

L18.Temp. prom aire -0.000031 0.004901 -0.006 0.995

L19.Conduct -45.481561 36.552845 -1.244 0.213

L19.Water 827.768893 407.407490 2.032 0.042

L19.Temp -438.170015 NAN NAN NAN

L19.Precip. horaria -0.016310 0.010874 -1.500 0.134

L19.Temp. prom aire -0.003950 0.004885 -0.809 0.419

L20.Conduct -54.987964 42.532223 -1.293 0.196

L20.Water 845.499858 435.957851 1.939 0.052

L20.Temp 76.548169 NAN NAN NAN

L20.Precip. horaria -0.014112 0.010874 -1.298 0.194

L20.Temp. prom aire 0.008310 0.004876 1.704 0.088

L21.Conduct 49.868826 47.189515 1.057 0.291

L21.Water -673.042673 390.955497 -1.722 0.085

L21.Temp -174.642012 NAN NAN NAN

L21.Precip. horaria -0.012034 0.010876 -1.106 0.269

L21.Temp. prom aire -0.004619 0.004874 -0.948 0.343

L22.Conduct 42.346055 46.767307 0.905 0.365

L22.Water -1031.951194 333.530239 -3.094 0.002

L22.Temp 672.382726 276.258941 2.434 0.015

L22.Precip. horaria -0.000031 0.010871 -0.003 0.998

L22.Temp. prom aire 0.000178 0.004875 0.037 0.971

L23.Conduct -87.509664 40.286723 -2.172 0.030

L23.Water 1311.131354 232.170628 5.647 0.000

L23.Temp -784.347962 NAN NAN NAN

L23.Precip. horaria 0.039264 0.010873 3.611 0.000

L23.Temp. prom aire -0.000984 0.004877 -0.202 0.840

L24.Conduct 52.045450 27.570099 1.888 0.059

L24.Water 406.952197 117.276036 3.470 0.001

L24.Temp 198.177495 NAN NAN NAN

L24.Precip. horaria -0.015304 0.010871 -1.408 0.159

L24.Temp. prom aire -0.003041 0.004862 -0.625 0.532

L25.Conduct -10.312529 9.973697 -1.034 0.301

L25.Water -2153.017052 196.821975 -10.939 0.000

L25.Temp 618.224859 NAN NAN NAN

L25.Precip. horaria -0.026774 0.010879 -2.461 0.014

L25.Temp. prom aire 0.005215 0.004870 1.071 0.284

L26.Conduct -1.385385 3.325521 -0.417 0.677

L26.Water 2753.561780 242.061200 11.375 0.000

L26.Temp -1064.962510 NAN NAN NAN

L26.Precip. horaria 0.011752 0.010873 1.081 0.280

L26.Temp. prom aire 0.000104 0.004902 0.021 0.983

L27.Conduct 0.470889 3.322577 0.142 0.887

L27.Water -1657.350287 NAN NAN NAN

L27.Temp 637.482550 415.436452 1.534 0.125

L27.Precip. horaria -0.000931 0.010883 -0.086 0.932

L27.Temp. prom aire -0.005117 0.004911 -1.042 0.297

L28.Conduct 0.008641 3.319806 0.003 0.998

L28.Water -1031.234279 NAN NAN NAN

L28.Temp 620.134202 393.179323 1.577 0.115

L28.Precip. horaria 0.018732 0.010878 1.722 0.085

L28.Temp. prom aire 0.004656 0.004895 0.951 0.342

L29.Conduct -1.236795 3.337932 -0.371 0.711

L29.Water 3589.437395 NAN NAN NAN

L29.Temp -1810.201204 445.672544 -4.062 0.000

L29.Precip. horaria -0.013441 0.010880 -1.235 0.217

L29.Temp. prom aire -0.004639 0.004878 -0.951 0.342

L30.Conduct 1.162480 3.341189 0.348 0.728

L30.Water -4548.624450 NAN NAN NAN

L30.Temp 2183.320357 597.335190 3.655 0.000

L30.Precip. horaria -0.001682 0.010881 -0.155 0.877

L30.Temp. prom aire 0.006677 0.004878 1.369 0.171

L31.Conduct 2.209704 3.320799 0.665 0.506

L31.Water 4827.233903 NAN NAN NAN

L31.Temp -2195.377345 710.126281 -3.092 0.002

L31.Precip. horaria 0.005782 0.010884 0.531 0.595

L31.Temp. prom aire -0.005826 0.004898 -1.189 0.234

L32.Conduct -3.180481 3.320422 -0.958 0.338

L32.Water -6436.292987 NAN NAN NAN

L32.Temp 2791.083039 717.699378 3.889 0.000

L32.Precip. horaria 0.004798 0.010886 0.441 0.659

L32.Temp. prom aire 0.003064 0.004903 0.625 0.532

L33.Conduct 1.881101 3.352962 0.561 0.575

L33.Water 9292.060166 NAN NAN NAN

L33.Temp -3946.943275 590.593174 -6.683 0.000

L33.Precip. horaria 0.002017 0.010884 0.185 0.853

L33.Temp. prom aire -0.005826 0.004889 -1.192 0.233

L34.Conduct -0.395013 3.335942 -0.118 0.906

L34.Water -11457.911872 NAN NAN NAN

L34.Temp 4837.046171 418.414894 11.560 0.000

L34.Precip. horaria -0.012126 0.010887 -1.114 0.265

L34.Temp. prom aire 0.005456 0.004876 1.119 0.263

L35.Conduct -2.345012 3.305626 -0.709 0.478

L35.Water 11842.332793 NAN NAN NAN

L35.Temp -4855.556823 578.939516 -8.387 0.000

L35.Precip. horaria -0.017065 0.010881 -1.568 0.117

L35.Temp. prom aire -0.005022 0.004872 -1.031 0.303

L36.Conduct 3.180974 3.341091 0.952 0.341

L36.Water -9901.380210 NAN NAN NAN

L36.Temp 3792.786030 886.178313 4.280 0.000

L36.Precip. horaria 0.011165 0.010880 1.026 0.305

L36.Temp. prom aire 0.008506 0.004873 1.746 0.081

L37.Conduct -0.951829 3.328677 -0.286 0.775

L37.Water 5738.478788 NAN NAN NAN

L37.Temp -2025.114640 950.490064 -2.131 0.033

L37.Precip. horaria 0.003080 0.010875 0.283 0.777

L37.Temp. prom aire -0.003901 0.004875 -0.800 0.424

L38.Conduct -2.609723 3.313644 -0.788 0.431

L38.Water -2234.396773 43.752816 -51.069 0.000

L38.Temp 728.905187 690.147511 1.056 0.291

L38.Precip. horaria -0.001691 0.010878 -0.155 0.876

L38.Temp. prom aire 0.000518 0.004876 0.106 0.915

L39.Conduct 4.698853 3.324106 1.414 0.157

L39.Water 2766.519623 394.190836 7.018 0.000

L39.Temp -976.668684 254.862204 -3.832 0.000

L39.Precip. horaria 0.002952 0.010866 0.272 0.786

L39.Temp. prom aire -0.005029 0.004879 -1.031 0.303

L40.Conduct -2.541243 3.335395 -0.762 0.446

L40.Water -6691.660405 NAN NAN NAN

L40.Temp 2533.009953 178.875460 14.161 0.000

L40.Precip. horaria -0.014124 0.010860 -1.301 0.193

L40.Temp. prom aire 0.005687 0.004890 1.163 0.245

L41.Conduct -0.495440 3.332217 -0.149 0.882

L41.Water 10027.475850 NAN NAN NAN

L41.Temp -3927.673258 430.964867 -9.114 0.000

L41.Precip. horaria 0.001135 0.010858 0.104 0.917

L41.Temp. prom aire -0.005082 0.004905 -1.036 0.300

L42.Conduct 1.370011 3.324042 0.412 0.680

L42.Water -9498.627926 404.445503 -23.486 0.000

L42.Temp 3848.933394 566.934349 6.789 0.000

L42.Precip. horaria -0.006545 0.010837 -0.604 0.546

L42.Temp. prom aire 0.001132 0.004909 0.231 0.818

L43.Conduct -2.000174 3.324396 -0.602 0.547

L43.Water 4849.952119 323.927049 14.972 0.000

L43.Temp -2254.444600 655.499208 -3.439 0.001

L43.Precip. horaria -0.000469 0.010855 -0.043 0.966

L43.Temp. prom aire 0.004580 0.004898 0.935 0.350

L44.Conduct 1.783923 3.336916 0.535 0.593

L44.Water 1079.899246 NAN NAN NAN

L44.Temp 200.950796 671.410209 0.299 0.765

L44.Precip. horaria 0.011550 0.010828 1.067 0.286

L44.Temp. prom aire -0.002686 0.004883 -0.550 0.582

L45.Conduct 0.122343 3.315159 0.037 0.971

L45.Water -4418.110134 NAN NAN NAN

L45.Temp 1041.178984 552.645583 1.884 0.060

L45.Precip. horaria 0.004982 0.010841 0.460 0.646

L45.Temp. prom aire -0.004711 0.004876 -0.966 0.334

L46.Conduct -0.710715 3.312995 -0.215 0.830

L46.Water 3862.912449 NAN NAN NAN

L46.Temp -1031.541605 349.797338 -2.949 0.003

L46.Precip. horaria 0.001973 0.010851 0.182 0.856

L46.Temp. prom aire 0.006567 0.004872 1.348 0.178

L47.Conduct -0.106925 2.565174 -0.042 0.967

L47.Water -1662.091089 131.505793 -12.639 0.000

L47.Temp 452.041713 149.235764 3.029 0.002

L47.Precip. horaria 0.005468 0.010742 0.509 0.611

L47.Temp. prom aire -0.001271 0.004628 -0.275 0.784

L48.Conduct 0.204539 0.838523 0.244 0.807

L48.Water 298.379122 40.448401 7.377 0.000

L48.Temp -79.884213 29.744368 -2.686 0.007

L48.Precip. horaria -0.009284 0.009327 -0.995 0.320

L48.Temp. prom aire -0.001318 0.002646 -0.498 0.618

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.324743 0.104700 3.102 0.002

L1.Conduct -42.548294 15.581608 -2.731 0.006

L1.Water 959.716505 154.430453 6.215 0.000

L1.Temp -584.722660 100.993275 -5.790 0.000

L1.Precip. horaria 0.019094 0.033008 0.578 0.563

L1.Temp. prom aire 1.438325 0.009335 154.082 0.000

L2.Conduct 191.844484 67.692514 2.834 0.005

L2.Water -4908.263424 624.563719 -7.859 0.000

L2.Temp 2871.161676 431.476258 6.654 0.000

L2.Precip. horaria 0.016722 0.037972 0.440 0.660

L2.Temp. prom aire -0.582663 0.016353 -35.631 0.000

L3.Conduct -389.773175 145.547789 -2.678 0.007

L3.Water 10885.898939 1466.506693 7.423 0.000

L3.Temp -6280.565559 636.805834 -9.863 0.000

L3.Precip. horaria -0.012597 0.038275 -0.329 0.742

L3.Temp. prom aire 0.078709 0.017258 4.561 0.000

L4.Conduct 501.465479 219.600853 2.284 0.022

L4.Water -14011.909538 2706.348016 -5.177 0.000

L4.Temp 8652.456194 NAN NAN NAN

L4.Precip. horaria -0.015130 0.038300 -0.395 0.693

L4.Temp. prom aire -0.021890 0.017251 -1.269 0.204

L5.Conduct -418.558055 218.457834 -1.916 0.055

L5.Water 11214.480823 2882.699178 3.890 0.000

L5.Temp -9131.754665 NAN NAN NAN

L5.Precip. horaria 0.000225 0.038328 0.006 0.995

L5.Temp. prom aire -0.017710 0.017229 -1.028 0.304

L6.Conduct 47.810698 111.254628 0.430 0.667

L6.Water -3053.483747 1084.014368 -2.817 0.005

L6.Temp 7833.394423 NAN NAN NAN

L6.Precip. horaria 0.023739 0.038348 0.619 0.536

L6.Temp. prom aire 0.016564 0.017231 0.961 0.336

L7.Conduct 458.588495 87.610120 5.234 0.000

L7.Water -6873.623560 1256.248461 -5.472 0.000

L7.Temp -4784.488128 NAN NAN NAN

L7.Precip. horaria 0.012412 0.038352 0.324 0.746

L7.Temp. prom aire -0.032183 0.017261 -1.864 0.062

L8.Conduct -713.302671 152.428530 -4.680 0.000

L8.Water 12041.022738 2072.250437 5.811 0.000

L8.Temp 1221.401972 NAN NAN NAN

L8.Precip. horaria 0.025835 0.038372 0.673 0.501

L8.Temp. prom aire 0.014443 0.017283 0.836 0.403

L9.Conduct 607.140746 125.436968 4.840 0.000

L9.Water -9884.029961 575.139369 -17.185 0.000

L9.Temp 641.645007 NAN NAN NAN

L9.Precip. horaria -0.033137 0.038404 -0.863 0.388

L9.Temp. prom aire 0.007067 0.017278 0.409 0.683

L10.Conduct -352.296576 62.239392 -5.660 0.000

L10.Water 4928.142484 NAN NAN NAN

L10.Temp -32.112754 1473.819511 -0.022 0.983

L10.Precip. horaria -0.050678 0.038413 -1.319 0.187

L10.Temp. prom aire -0.001485 0.017272 -0.086 0.931

L11.Conduct 102.495695 62.401511 1.643 0.100

L11.Water -1048.675848 1050.141756 -0.999 0.318

L11.Temp -1604.898802 2390.532888 -0.671 0.502

L11.Precip. horaria 0.008783 0.038459 0.228 0.819

L11.Temp. prom aire -0.018523 0.017281 -1.072 0.284

L12.Conduct 44.894439 108.871458 0.412 0.680

L12.Water -1121.550226 1155.575626 -0.971 0.332

L12.Temp 2704.853188 2296.267720 1.178 0.239

L12.Precip. horaria 0.024493 0.038419 0.638 0.524

L12.Temp. prom aire 0.017209 0.017287 0.996 0.319

L13.Conduct 62.628358 165.618780 0.378 0.705

L13.Water -340.866821 1843.345495 -0.185 0.853

L13.Temp -2230.754642 1185.000824 -1.882 0.060

L13.Precip. horaria -0.001406 0.038448 -0.037 0.971

L13.Temp. prom aire -0.017447 0.017277 -1.010 0.313

L14.Conduct -401.464081 193.852721 -2.071 0.038

L14.Water 6210.873429 2834.155036 2.191 0.028

L14.Temp 156.307043 NAN NAN NAN

L14.Precip. horaria -0.013282 0.038429 -0.346 0.730

L14.Temp. prom aire 0.027680 0.017254 1.604 0.109

L15.Conduct 685.990311 166.485356 4.120 0.000

L15.Water -11345.340159 2768.325391 -4.098 0.000

L15.Temp 881.604238 348.466463 2.530 0.011

L15.Precip. horaria 0.024273 0.038437 0.631 0.528

L15.Temp. prom aire -0.014605 0.017262 -0.846 0.398

L16.Conduct -730.051465 97.672236 -7.475 0.000

L16.Water 11100.491698 1221.816073 9.085 0.000

L16.Temp 595.500925 NAN NAN NAN

L16.Precip. horaria -0.019611 0.038440 -0.510 0.610

L16.Temp. prom aire -0.001798 0.017327 -0.104 0.917

L17.Conduct 587.070508 59.665337 9.839 0.000

L17.Water -7577.269881 NAN NAN NAN

L17.Temp -2577.240243 NAN NAN NAN

L17.Precip. horaria 0.011324 0.038449 0.295 0.768

L17.Temp. prom aire 0.022730 0.017368 1.309 0.191

L18.Conduct -417.143217 96.107880 -4.340 0.000

L18.Water 5047.881075 NAN NAN NAN

L18.Temp 3284.072314 NAN NAN NAN

L18.Precip. horaria 0.005076 0.038448 0.132 0.895

L18.Temp. prom aire -0.022603 0.017330 -1.304 0.192

L19.Conduct 404.326232 129.236935 3.129 0.002

L19.Water -5643.030175 1440.437690 -3.918 0.000

L19.Temp -2091.172902 NAN NAN NAN

L19.Precip. horaria -0.029132 0.038448 -0.758 0.449

L19.Temp. prom aire 0.022755 0.017273 1.317 0.188

L20.Conduct -490.876874 150.377737 -3.264 0.001

L20.Water 7225.269483 1541.380889 4.688 0.000

L20.Temp 110.050604 NAN NAN NAN

L20.Precip. horaria -0.017005 0.038446 -0.442 0.658

L20.Temp. prom aire -0.021411 0.017239 -1.242 0.214

L21.Conduct 395.902709 166.844150 2.373 0.018

L21.Water -5151.769363 1382.269708 -3.727 0.000

L21.Temp 325.262772 NAN NAN NAN

L21.Precip. horaria 0.019958 0.038452 0.519 0.604

L21.Temp. prom aire 0.015535 0.017233 0.901 0.367

L22.Conduct -107.826962 165.351381 -0.652 0.514

L22.Water 611.438278 1179.235873 0.519 0.604

L22.Temp 446.113496 976.746381 0.457 0.648

L22.Precip. horaria 0.009638 0.038435 0.251 0.802

L22.Temp. prom aire 0.030284 0.017237 1.757 0.079

L23.Conduct -91.719436 142.438508 -0.644 0.520

L23.Water 788.778656 820.866898 0.961 0.337

L23.Temp -525.905741 NAN NAN NAN

L23.Precip. horaria 0.029812 0.038443 0.775 0.438

L23.Temp. prom aire 0.050870 0.017244 2.950 0.003

L24.Conduct 86.740913 97.477369 0.890 0.374

L24.Water 1526.803410 414.643390 3.682 0.000

L24.Temp -339.364688 NAN NAN NAN

L24.Precip. horaria -0.005709 0.038437 -0.149 0.882

L24.Temp. prom aire 0.118382 0.017191 6.886 0.000

L25.Conduct -14.301108 35.263193 -0.406 0.685

L25.Water -3280.904148 695.887529 -4.715 0.000

L25.Temp 1083.587952 NAN NAN NAN

L25.Precip. horaria 0.015970 0.038465 0.415 0.678

L25.Temp. prom aire -0.175237 0.017219 -10.177 0.000

L26.Conduct -15.549796 11.757776 -1.323 0.186

L26.Water 1063.439602 855.836196 1.243 0.214

L26.Temp -26.771818 NAN NAN NAN

L26.Precip. horaria 0.000626 0.038442 0.016 0.987

L26.Temp. prom aire 0.003121 0.017333 0.180 0.857

L27.Conduct 17.991029 11.747365 1.531 0.126

L27.Water 4105.551880 NAN NAN NAN

L27.Temp -2925.880475 1468.825043 -1.992 0.046

L27.Precip. horaria -0.025238 0.038480 -0.656 0.512

L27.Temp. prom aire 0.010034 0.017364 0.578 0.563

L28.Conduct -17.114794 11.737568 -1.458 0.145

L28.Water -8007.367956 NAN NAN NAN

L28.Temp 5183.548608 1390.132311 3.729 0.000

L28.Precip. horaria 0.011859 0.038459 0.308 0.758

L28.Temp. prom aire -0.017838 0.017308 -1.031 0.303

L29.Conduct 11.039618 11.801656 0.935 0.350

L29.Water 7887.199967 NAN NAN NAN

L29.Temp -4814.049822 1575.728344 -3.055 0.002

L29.Precip. horaria -0.026729 0.038467 -0.695 0.487

L29.Temp. prom aire 0.024070 0.017246 1.396 0.163

L30.Conduct -5.946146 11.813170 -0.503 0.615

L30.Water -2683.377262 NAN NAN NAN

L30.Temp 2145.631990 2111.949690 1.016 0.310

L30.Precip. horaria -0.010346 0.038473 -0.269 0.788

L30.Temp. prom aire 0.009970 0.017246 0.578 0.563

L31.Conduct 1.413202 11.741079 0.120 0.904

L31.Water -6612.300222 NAN NAN NAN

L31.Temp 1297.744567 2510.736019 0.517 0.605

L31.Precip. horaria -0.023418 0.038483 -0.609 0.543

L31.Temp. prom aire -0.014508 0.017318 -0.838 0.402

L32.Conduct 5.734640 11.739747 0.488 0.625

L32.Water 14569.766920 NAN NAN NAN

L32.Temp -3728.145864 2537.511608 -1.469 0.142

L32.Precip. horaria 0.053395 0.038489 1.387 0.165

L32.Temp. prom aire -0.003916 0.017335 -0.226 0.821

L33.Conduct -7.097931 11.854795 -0.599 0.549

L33.Water -16629.529254 NAN NAN NAN

L33.Temp 4287.264342 2088.112487 2.053 0.040

L33.Precip. horaria 0.000161 0.038483 0.004 0.997

L33.Temp. prom aire 0.018919 0.017287 1.094 0.274

L34.Conduct 4.156603 11.794621 0.352 0.725

L34.Water 14578.869618 NAN NAN NAN

L34.Temp -3492.233735 1479.355678 -2.361 0.018

L34.Precip. horaria -0.034194 0.038491 -0.888 0.374

L34.Temp. prom aire -0.021507 0.017241 -1.247 0.212

L35.Conduct -1.086225 11.687435 -0.093 0.926

L35.Water -12458.768965 NAN NAN NAN

L35.Temp 2692.507012 2046.909591 1.315 0.188

L35.Precip. horaria 0.012056 0.038471 0.313 0.754

L35.Temp. prom aire 0.033799 0.017224 1.962 0.050

L36.Conduct -3.616272 11.812824 -0.306 0.760

L36.Water 11744.002377 NAN NAN NAN

L36.Temp -2504.694641 3133.188942 -0.799 0.424

L36.Precip. horaria -0.019500 0.038466 -0.507 0.612

L36.Temp. prom aire -0.037000 0.017229 -2.148 0.032

L37.Conduct 4.538739 11.768933 0.386 0.700

L37.Water -11877.337452 NAN NAN NAN

L37.Temp 2407.425653 3360.570795 0.716 0.474

L37.Precip. horaria -0.034586 0.038449 -0.900 0.368

L37.Temp. prom aire 0.021233 0.017237 1.232 0.218

L38.Conduct -2.536985 11.715782 -0.217 0.829

L38.Water 11793.363603 154.693291 76.237 0.000

L38.Temp -1972.832476 2440.098700 -0.809 0.419

L38.Precip. horaria 0.003072 0.038460 0.080 0.936

L38.Temp. prom aire -0.002346 0.017241 -0.136 0.892

L39.Conduct -5.506734 11.752774 -0.469 0.639

L39.Water -9904.422995 1393.708635 -7.107 0.000

L39.Temp 842.235834 901.095669 0.935 0.350

L39.Precip. horaria 0.020549 0.038420 0.535 0.593

L39.Temp. prom aire -0.019670 0.017250 -1.140 0.254

L40.Conduct 16.595136 11.792686 1.407 0.159

L40.Water 5702.687111 NAN NAN NAN

L40.Temp 765.030301 632.435489 1.210 0.226

L40.Precip. horaria -0.047848 0.038397 -1.246 0.213

L40.Temp. prom aire -0.013643 0.017288 -0.789 0.430

L41.Conduct -5.020760 11.781449 -0.426 0.670

L41.Water -1110.474316 NAN NAN NAN

L41.Temp -1927.050897 1523.727600 -1.265 0.206

L41.Precip. horaria 0.012488 0.038391 0.325 0.745

L41.Temp. prom aire 0.004869 0.017343 0.281 0.779

L42.Conduct -14.575783 11.752545 -1.240 0.215

L42.Water -2479.511483 1429.965232 -1.734 0.083

L42.Temp 2578.231797 2004.463895 1.286 0.198

L42.Precip. horaria -0.025193 0.038314 -0.658 0.511

L42.Temp. prom aire 0.016746 0.017355 0.965 0.335

L43.Conduct 4.076188 11.753797 0.347 0.729

L43.Water 4999.050391 1145.282652 4.365 0.000

L43.Temp -3046.128500 2317.595499 -1.314 0.189

L43.Precip. horaria 0.022793 0.038379 0.594 0.553

L43.Temp. prom aire -0.014675 0.017318 -0.847 0.397

L44.Conduct 16.180084 11.798063 1.371 0.170

L44.Water -5944.604232 NAN NAN NAN

L44.Temp 3176.272480 2373.850738 1.338 0.181

L44.Precip. horaria -0.007536 0.038283 -0.197 0.844

L44.Temp. prom aire 0.026569 0.017265 1.539 0.124

L45.Conduct -12.045687 11.721141 -1.028 0.304

L45.Water 5470.690947 NAN NAN NAN

L45.Temp -2909.969500 1953.944262 -1.489 0.136

L45.Precip. horaria -0.027272 0.038330 -0.712 0.477

L45.Temp. prom aire -0.016509 0.017239 -0.958 0.338

L46.Conduct -3.849288 11.713490 -0.329 0.742

L46.Water -4066.779088 NAN NAN NAN

L46.Temp 2171.094888 1236.750138 1.755 0.079

L46.Precip. horaria 0.031687 0.038365 0.826 0.409

L46.Temp. prom aire 0.001860 0.017226 0.108 0.914

L47.Conduct 8.043765 9.069479 0.887 0.375

L47.Water 1994.269268 464.954390 4.289 0.000

L47.Temp -1050.345214 527.640811 -1.991 0.047

L47.Precip. horaria 0.005174 0.037981 0.136 0.892

L47.Temp. prom aire 0.105726 0.016364 6.461 0.000

L48.Conduct -2.859966 2.964697 -0.965 0.335

L48.Water -434.502249 143.010136 -3.038 0.002

L48.Temp 226.695360 105.164755 2.156 0.031

L48.Precip. horaria -0.001363 0.032976 -0.041 0.967

L48.Temp. prom aire -0.081888 0.009356 -8.752 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.915409 0.432727 -0.004776 -0.015696

Water 0.915409 1.000000 0.628465 -0.005404 -0.020808

Temp 0.432727 0.628465 1.000000 -0.004799 -0.034135

Precip. horaria -0.004776 -0.005404 -0.004799 1.000000 -0.027953

Temp. prom aire -0.015696 -0.020808 -0.034135 -0.027953 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -57.8228

Nobs: 11641.0 HQIC: -58.3289

Log likelihood: 259609. FPE: 3.60494e-26

AIC: -58.5849 Det(Omega\_mle): 3.25388e-26

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000016 0.000006 2.514 0.012

L1.Conduct 4.385219 0.020204 217.044 0.000

L1.Water 0.505919 0.016340 30.962 0.000

L1.Temp 0.261868 0.005478 47.802 0.000

L1.Precip. horaria -0.000004 0.000003 -1.157 0.247

L1.Temp. prom aire 0.000000 0.000001 0.138 0.890

L2.Conduct -8.077957 0.093436 -86.454 0.000

L2.Water -2.279646 0.082966 -27.477 0.000

L2.Temp -1.041304 0.021557 -48.305 0.000

L2.Precip. horaria 0.000005 0.000004 1.342 0.180

L2.Temp. prom aire 0.000002 0.000002 1.013 0.311

L3.Conduct 8.498644 0.146735 57.918 0.000

L3.Water 4.378797 0.176195 24.852 0.000

L3.Temp 1.607610 0.020328 79.083 0.000

L3.Precip. horaria -0.000003 0.000004 -0.755 0.450

L3.Temp. prom aire -0.000001 0.000002 -0.317 0.751

L4.Conduct -6.092001 NAN NAN NAN

L4.Water -4.937501 0.117035 -42.188 0.000

L4.Temp -1.253357 NAN NAN NAN

L4.Precip. horaria 0.000005 0.000004 1.219 0.223

L4.Temp. prom aire -0.000001 0.000002 -0.772 0.440

L5.Conduct 3.240023 NAN NAN NAN

L5.Water 4.009025 NAN NAN NAN

L5.Temp 0.600403 NAN NAN NAN

L5.Precip. horaria -0.000005 0.000004 -1.132 0.258

L5.Temp. prom aire 0.000001 0.000002 0.602 0.547

L6.Conduct -0.947578 NAN NAN NAN

L6.Water -2.819423 NAN NAN NAN

L6.Temp -0.182085 NAN NAN NAN

L6.Precip. horaria 0.000000 0.000004 0.051 0.960

L6.Temp. prom aire -0.000002 0.000002 -1.376 0.169

L7.Conduct -0.547610 NAN NAN NAN

L7.Water 2.080982 NAN NAN NAN

L7.Temp -0.108174 NAN NAN NAN

L7.Precip. horaria 0.000004 0.000004 1.053 0.292

L7.Temp. prom aire 0.000003 0.000002 1.536 0.124

L8.Conduct 1.241780 NAN NAN NAN

L8.Water -1.896289 NAN NAN NAN

L8.Temp 0.216993 NAN NAN NAN

L8.Precip. horaria -0.000000 0.000004 -0.069 0.945

L8.Temp. prom aire -0.000003 0.000002 -1.448 0.148

L9.Conduct -1.149890 NAN NAN NAN

L9.Water 1.768243 NAN NAN NAN

L9.Temp -0.160894 NAN NAN NAN

L9.Precip. horaria -0.000003 0.000004 -0.745 0.456

L9.Temp. prom aire 0.000002 0.000002 1.173 0.241

L10.Conduct 0.424470 NAN NAN NAN

L10.Water -1.233055 NAN NAN NAN

L10.Temp 0.025756 NAN NAN NAN

L10.Precip. horaria 0.000001 0.000004 0.347 0.729

L10.Temp. prom aire -0.000001 0.000002 -0.305 0.760

L11.Conduct 0.647477 NAN NAN NAN

L11.Water 0.354742 NAN NAN NAN

L11.Temp 0.187862 NAN NAN NAN

L11.Precip. horaria -0.000000 0.000004 -0.058 0.954

L11.Temp. prom aire -0.000001 0.000002 -0.483 0.629

L12.Conduct -1.811804 NAN NAN NAN

L12.Water 0.548758 NAN NAN NAN

L12.Temp -0.393839 NAN NAN NAN

L12.Precip. horaria -0.000002 0.000004 -0.435 0.664

L12.Temp. prom aire 0.000001 0.000002 0.534 0.593

L13.Conduct 2.576276 NAN NAN NAN

L13.Water -1.122102 NAN NAN NAN

L13.Temp 0.497122 NAN NAN NAN

L13.Precip. horaria -0.000001 0.000004 -0.279 0.780

L13.Temp. prom aire -0.000001 0.000002 -0.798 0.425

L14.Conduct -2.516607 NAN NAN NAN

L14.Water 1.179113 NAN NAN NAN

L14.Temp -0.450754 NAN NAN NAN

L14.Precip. horaria 0.000007 0.000004 1.619 0.105

L14.Temp. prom aire 0.000001 0.000002 0.777 0.437

L15.Conduct 1.769520 NAN NAN NAN

L15.Water -0.829295 NAN NAN NAN

L15.Temp 0.292254 NAN NAN NAN

L15.Precip. horaria -0.000005 0.000004 -1.324 0.186

L15.Temp. prom aire 0.000000 0.000002 0.036 0.971

L16.Conduct -0.837777 NAN NAN NAN

L16.Water 0.382052 NAN NAN NAN

L16.Temp -0.126432 NAN NAN NAN

L16.Precip. horaria 0.000002 0.000004 0.550 0.582

L16.Temp. prom aire -0.000001 0.000002 -0.518 0.604

L17.Conduct 0.146655 NAN NAN NAN

L17.Water -0.103818 NAN NAN NAN

L17.Temp 0.010164 NAN NAN NAN

L17.Precip. horaria 0.000006 0.000004 1.580 0.114

L17.Temp. prom aire 0.000001 0.000002 0.665 0.506

L18.Conduct 0.116470 NAN NAN NAN

L18.Water 0.060018 NAN NAN NAN

L18.Temp 0.023372 NAN NAN NAN

L18.Precip. horaria -0.000002 0.000004 -0.573 0.567

L18.Temp. prom aire -0.000000 0.000002 -0.048 0.962

L19.Conduct 0.070122 NAN NAN NAN

L19.Water -0.179819 NAN NAN NAN

L19.Temp 0.032337 NAN NAN NAN

L19.Precip. horaria 0.000004 0.000004 0.935 0.350

L19.Temp. prom aire -0.000000 0.000002 -0.111 0.912

L20.Conduct -0.452035 NAN NAN NAN

L20.Water 0.155687 NAN NAN NAN

L20.Temp -0.103670 NAN NAN NAN

L20.Precip. horaria 0.000003 0.000004 0.652 0.514

L20.Temp. prom aire -0.000000 0.000002 -0.197 0.844

L21.Conduct 0.780629 NAN NAN NAN

L21.Water 0.271655 NAN NAN NAN

L21.Temp 0.183355 NAN NAN NAN

L21.Precip. horaria 0.000010 0.000004 2.589 0.010

L21.Temp. prom aire -0.000000 0.000002 -0.095 0.924

L22.Conduct -1.385401 NAN NAN NAN

L22.Water -0.705263 NAN NAN NAN

L22.Temp -0.348046 NAN NAN NAN

L22.Precip. horaria -0.000007 0.000004 -1.681 0.093

L22.Temp. prom aire 0.000001 0.000002 0.308 0.758

L23.Conduct 1.988517 NAN NAN NAN

L23.Water 0.711587 0.047333 15.034 0.000

L23.Temp 0.408297 NAN NAN NAN

L23.Precip. horaria -0.000004 0.000004 -0.995 0.320

L23.Temp. prom aire -0.000001 0.000002 -0.380 0.704

L24.Conduct -1.501038 0.035477 -42.310 0.000

L24.Water -0.545844 0.189169 -2.885 0.004

L24.Temp 0.046539 0.045285 1.028 0.304

L24.Precip. horaria 0.000001 0.000004 0.136 0.892

L24.Temp. prom aire -0.000000 0.000002 -0.217 0.828

L25.Conduct 0.431264 0.023377 18.448 0.000

L25.Water 0.751709 0.143523 5.238 0.000

L25.Temp -0.700386 NAN NAN NAN

L25.Precip. horaria 0.000007 0.000004 1.773 0.076

L25.Temp. prom aire 0.000000 0.000002 0.062 0.951

L26.Conduct -0.001061 0.009042 -0.117 0.907

L26.Water -1.771491 NAN NAN NAN

L26.Temp 0.621034 NAN NAN NAN

L26.Precip. horaria -0.000011 0.000004 -2.800 0.005

L26.Temp. prom aire -0.000001 0.000002 -0.653 0.514

L27.Conduct -0.000343 0.009051 -0.038 0.970

L27.Water 3.500415 NAN NAN NAN

L27.Temp -0.088597 NAN NAN NAN

L27.Precip. horaria -0.000003 0.000004 -0.688 0.492

L27.Temp. prom aire 0.000002 0.000002 0.949 0.342

L28.Conduct 0.004122 0.009053 0.455 0.649

L28.Water -5.064069 NAN NAN NAN

L28.Temp 0.131505 NAN NAN NAN

L28.Precip. horaria -0.000002 0.000004 -0.556 0.578

L28.Temp. prom aire 0.000000 0.000002 0.174 0.862

L29.Conduct 0.003331 0.009053 0.368 0.713

L29.Water 5.465109 NAN NAN NAN

L29.Temp -0.507408 NAN NAN NAN

L29.Precip. horaria -0.000007 0.000004 -1.690 0.091

L29.Temp. prom aire -0.000001 0.000002 -0.472 0.637

L30.Conduct -0.000581 0.009047 -0.064 0.949

L30.Water -4.462854 0.054337 -82.133 0.000

L30.Temp 0.604644 NAN NAN NAN

L30.Precip. horaria 0.000010 0.000004 2.516 0.012

L30.Temp. prom aire 0.000001 0.000002 0.657 0.511

L31.Conduct 0.000750 0.009042 0.083 0.934

L31.Water 2.834824 0.056238 50.407 0.000

L31.Temp -0.581414 NAN NAN NAN

L31.Precip. horaria -0.000010 0.000004 -2.549 0.011

L31.Temp. prom aire 0.000000 0.000002 0.043 0.966

L32.Conduct -0.001641 0.009039 -0.182 0.856

L32.Water -1.479447 0.075811 -19.515 0.000

L32.Temp 0.572501 NAN NAN NAN

L32.Precip. horaria 0.000007 0.000004 1.701 0.089

L32.Temp. prom aire -0.000000 0.000002 -0.104 0.917

L33.Conduct 0.003907 0.009036 0.432 0.665

L33.Water 0.668085 0.155863 4.286 0.000

L33.Temp -0.512147 NAN NAN NAN

L33.Precip. horaria 0.000001 0.000004 0.179 0.858

L33.Temp. prom aire 0.000000 0.000002 0.108 0.914

L34.Conduct -0.011844 0.009032 -1.311 0.190

L34.Water -0.343691 0.199277 -1.725 0.085

L34.Temp 0.381347 NAN NAN NAN

L34.Precip. horaria -0.000002 0.000004 -0.580 0.562

L34.Temp. prom aire -0.000001 0.000002 -0.605 0.545

L35.Conduct 0.009496 0.009047 1.050 0.294

L35.Water 0.306932 0.199379 1.539 0.124

L35.Temp -0.107878 NAN NAN NAN

L35.Precip. horaria 0.000006 0.000004 1.400 0.161

L35.Temp. prom aire 0.000002 0.000002 0.875 0.381

L36.Conduct -0.008311 0.009060 -0.917 0.359

L36.Water -0.304480 0.189163 -1.610 0.107

L36.Temp -0.231211 NAN NAN NAN

L36.Precip. horaria 0.000006 0.000004 1.508 0.132

L36.Temp. prom aire -0.000001 0.000002 -0.641 0.522

L37.Conduct 0.003841 0.009051 0.424 0.671

L37.Water 0.280903 0.180643 1.555 0.120

L37.Temp 0.351767 NAN NAN NAN

L37.Precip. horaria -0.000004 0.000004 -0.871 0.384

L37.Temp. prom aire 0.000001 0.000002 0.500 0.617

L38.Conduct 0.000799 0.009014 0.089 0.929

L38.Water -0.258099 0.157519 -1.639 0.101

L38.Temp -0.154849 NAN NAN NAN

L38.Precip. horaria 0.000004 0.000004 1.018 0.309

L38.Temp. prom aire -0.000000 0.000002 -0.270 0.787

L39.Conduct -0.001982 0.008995 -0.220 0.826

L39.Water 0.220985 0.142653 1.549 0.121

L39.Temp -0.114026 NAN NAN NAN

L39.Precip. horaria -0.000001 0.000004 -0.201 0.841

L39.Temp. prom aire 0.000000 0.000002 0.119 0.905

L40.Conduct 0.002901 0.009011 0.322 0.748

L40.Water -0.190042 0.171079 -1.111 0.267

L40.Temp 0.202113 NAN NAN NAN

L40.Precip. horaria -0.000003 0.000004 -0.809 0.419

L40.Temp. prom aire -0.000001 0.000002 -0.329 0.742

L41.Conduct -0.000997 0.009021 -0.111 0.912

L41.Water 0.201356 0.201771 0.998 0.318

L41.Temp -0.131282 NAN NAN NAN

L41.Precip. horaria 0.000009 0.000004 2.287 0.022

L41.Temp. prom aire 0.000000 0.000002 0.187 0.852

L42.Conduct 0.000601 0.009022 0.067 0.947

L42.Water -0.185477 0.206386 -0.899 0.369

L42.Temp 0.001160 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000004 -0.203 0.839

L42.Temp. prom aire -0.000000 0.000002 -0.163 0.871

L43.Conduct 0.000836 0.009016 0.093 0.926

L43.Water -0.057260 0.208207 -0.275 0.783

L43.Temp 0.242786 NAN NAN NAN

L43.Precip. horaria 0.000007 0.000004 1.632 0.103

L43.Temp. prom aire 0.000000 0.000002 0.235 0.814

L44.Conduct -0.002421 0.009009 -0.269 0.788

L44.Water 0.497129 0.220570 2.254 0.024

L44.Temp -0.547211 NAN NAN NAN

L44.Precip. horaria 0.000004 0.000004 1.031 0.302

L44.Temp. prom aire -0.000000 0.000002 -0.245 0.807

L45.Conduct 0.005610 0.009010 0.623 0.534

L45.Water -0.755916 0.204785 -3.691 0.000

L45.Temp 0.632978 NAN NAN NAN

L45.Precip. horaria -0.000004 0.000004 -0.940 0.347

L45.Temp. prom aire 0.000001 0.000002 0.743 0.457

L46.Conduct -0.002307 0.009010 -0.256 0.798

L46.Water 0.612892 0.138330 4.431 0.000

L46.Temp -0.424793 NAN NAN NAN

L46.Precip. horaria 0.000001 0.000004 0.206 0.837

L46.Temp. prom aire -0.000001 0.000002 -0.553 0.580

L47.Conduct -0.006325 0.007250 -0.872 0.383

L47.Water -0.277015 0.057531 -4.815 0.000

L47.Temp 0.161565 0.061866 2.612 0.009

L47.Precip. horaria -0.000004 0.000004 -0.924 0.355

L47.Temp. prom aire 0.000001 0.000002 0.569 0.570

L48.Conduct 0.004255 0.002468 1.724 0.085

L48.Water 0.054978 0.010833 5.075 0.000

L48.Temp -0.027575 0.017704 -1.558 0.119

L48.Precip. horaria 0.000005 0.000003 1.396 0.163

L48.Temp. prom aire -0.000001 0.000001 -1.047 0.295

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000016 0.000005 2.951 0.003

L1.Conduct 0.031460 0.016997 1.851 0.064

L1.Water 5.339626 0.013746 388.443 0.000

L1.Temp 0.062478 0.004609 13.557 0.000

L1.Precip. horaria -0.000008 0.000003 -2.635 0.008

L1.Temp. prom aire 0.000001 0.000001 0.634 0.526

L2.Conduct -0.173412 0.078605 -2.206 0.027

L2.Water -12.424522 0.069796 -178.011 0.000

L2.Temp -0.265857 0.018135 -14.660 0.000

L2.Precip. horaria 0.000007 0.000003 2.221 0.026

L2.Temp. prom aire -0.000000 0.000001 -0.300 0.764

L3.Conduct 0.327440 0.123442 2.653 0.008

L3.Water 16.937941 0.148226 114.271 0.000

L3.Temp 0.438712 0.017101 25.654 0.000

L3.Precip. horaria -0.000006 0.000003 -1.754 0.079

L3.Temp. prom aire 0.000001 0.000002 0.744 0.457

L4.Conduct -0.064174 NAN NAN NAN

L4.Water -15.745422 0.098457 -159.922 0.000

L4.Temp -0.325105 NAN NAN NAN

L4.Precip. horaria 0.000009 0.000003 2.607 0.009

L4.Temp. prom aire -0.000001 0.000002 -0.889 0.374

L5.Conduct -0.779313 NAN NAN NAN

L5.Water 11.323945 NAN NAN NAN

L5.Temp 0.023210 NAN NAN NAN

L5.Precip. horaria -0.000007 0.000003 -2.123 0.034

L5.Temp. prom aire 0.000000 0.000002 0.206 0.837

L6.Conduct 1.698044 NAN NAN NAN

L6.Water -7.047319 NAN NAN NAN

L6.Temp 0.229631 NAN NAN NAN

L6.Precip. horaria -0.000002 0.000003 -0.610 0.542

L6.Temp. prom aire -0.000001 0.000002 -0.335 0.738

L7.Conduct -2.262226 NAN NAN NAN

L7.Water 4.461717 NAN NAN NAN

L7.Temp -0.375354 NAN NAN NAN

L7.Precip. horaria 0.000005 0.000003 1.471 0.141

L7.Temp. prom aire 0.000002 0.000002 1.061 0.289

L8.Conduct 2.442381 NAN NAN NAN

L8.Water -3.670742 NAN NAN NAN

L8.Temp 0.405477 NAN NAN NAN

L8.Precip. horaria 0.000004 0.000003 1.042 0.298

L8.Temp. prom aire -0.000002 0.000002 -1.391 0.164

L9.Conduct -2.047784 NAN NAN NAN

L9.Water 3.535636 NAN NAN NAN

L9.Temp -0.290060 NAN NAN NAN

L9.Precip. horaria -0.000008 0.000003 -2.366 0.018

L9.Temp. prom aire 0.000002 0.000002 1.435 0.151

L10.Conduct 0.835576 NAN NAN NAN

L10.Water -2.829517 NAN NAN NAN

L10.Temp 0.032518 NAN NAN NAN

L10.Precip. horaria 0.000003 0.000003 1.028 0.304

L10.Temp. prom aire -0.000002 0.000002 -1.211 0.226

L11.Conduct 0.913585 NAN NAN NAN

L11.Water 1.401831 NAN NAN NAN

L11.Temp 0.286170 NAN NAN NAN

L11.Precip. horaria 0.000001 0.000003 0.436 0.663

L11.Temp. prom aire 0.000001 0.000002 0.684 0.494

L12.Conduct -2.316000 NAN NAN NAN

L12.Water 0.068214 NAN NAN NAN

L12.Temp -0.483170 NAN NAN NAN

L12.Precip. horaria -0.000011 0.000003 -3.169 0.002

L12.Temp. prom aire -0.000000 0.000002 -0.168 0.867

L13.Conduct 2.402515 NAN NAN NAN

L13.Water -0.816799 NAN NAN NAN

L13.Temp 0.410851 NAN NAN NAN

L13.Precip. horaria -0.000000 0.000003 -0.073 0.942

L13.Temp. prom aire -0.000001 0.000002 -0.379 0.704

L14.Conduct -1.121395 NAN NAN NAN

L14.Water 0.612711 NAN NAN NAN

L14.Temp -0.133654 NAN NAN NAN

L14.Precip. horaria 0.000014 0.000003 4.240 0.000

L14.Temp. prom aire 0.000001 0.000002 0.774 0.439

L15.Conduct -0.503095 NAN NAN NAN

L15.Water 0.117874 NAN NAN NAN

L15.Temp -0.150348 NAN NAN NAN

L15.Precip. horaria -0.000009 0.000003 -2.673 0.008

L15.Temp. prom aire 0.000000 0.000002 0.035 0.972

L16.Conduct 1.539487 NAN NAN NAN

L16.Water -0.728562 NAN NAN NAN

L16.Temp 0.311056 NAN NAN NAN

L16.Precip. horaria -0.000004 0.000003 -1.127 0.260

L16.Temp. prom aire -0.000001 0.000002 -0.346 0.729

L17.Conduct -1.738862 NAN NAN NAN

L17.Water 0.775823 NAN NAN NAN

L17.Temp -0.318809 NAN NAN NAN

L17.Precip. horaria 0.000006 0.000003 1.840 0.066

L17.Temp. prom aire -0.000000 0.000002 -0.118 0.906

L18.Conduct 1.217394 NAN NAN NAN

L18.Water -0.205761 NAN NAN NAN

L18.Temp 0.206296 NAN NAN NAN

L18.Precip. horaria -0.000004 0.000003 -1.053 0.292

L18.Temp. prom aire 0.000000 0.000002 0.085 0.932

L19.Conduct -0.405120 NAN NAN NAN

L19.Water -0.520194 NAN NAN NAN

L19.Temp -0.064756 NAN NAN NAN

L19.Precip. horaria 0.000005 0.000003 1.471 0.141

L19.Temp. prom aire 0.000000 0.000002 0.252 0.801

L20.Conduct -0.074761 NAN NAN NAN

L20.Water 0.443356 NAN NAN NAN

L20.Temp -0.015333 NAN NAN NAN

L20.Precip. horaria 0.000000 0.000003 0.100 0.920

L20.Temp. prom aire -0.000001 0.000002 -0.417 0.677

L21.Conduct 0.011300 NAN NAN NAN

L21.Water 0.960191 NAN NAN NAN

L21.Temp 0.027104 NAN NAN NAN

L21.Precip. horaria 0.000019 0.000003 5.627 0.000

L21.Temp. prom aire 0.000001 0.000002 0.863 0.388

L22.Conduct 0.231959 NAN NAN NAN

L22.Water -2.852414 NAN NAN NAN

L22.Temp -0.024167 NAN NAN NAN

L22.Precip. horaria -0.000020 0.000003 -5.726 0.000

L22.Temp. prom aire 0.000000 0.000002 0.324 0.746

L23.Conduct -0.289747 NAN NAN NAN

L23.Water 3.642541 0.039820 91.476 0.000

L23.Temp 0.017733 NAN NAN NAN

L23.Precip. horaria -0.000003 0.000003 -0.957 0.339

L23.Temp. prom aire -0.000001 0.000002 -0.661 0.509

L24.Conduct 0.163993 0.029846 5.495 0.000

L24.Water -2.806653 0.159141 -17.636 0.000

L24.Temp 0.028015 0.038096 0.735 0.462

L24.Precip. horaria 0.000003 0.000003 0.970 0.332

L24.Temp. prom aire -0.000001 0.000002 -0.466 0.641

L25.Conduct -0.041073 0.019666 -2.089 0.037

L25.Water 2.146568 0.120741 17.778 0.000

L25.Temp -0.040190 NAN NAN NAN

L25.Precip. horaria 0.000015 0.000003 4.319 0.000

L25.Temp. prom aire 0.000001 0.000002 0.593 0.553

L26.Conduct 0.001639 0.007607 0.215 0.829

L26.Water -3.738794 NAN NAN NAN

L26.Temp -0.120139 NAN NAN NAN

L26.Precip. horaria -0.000024 0.000003 -7.149 0.000

L26.Temp. prom aire -0.000001 0.000002 -0.644 0.520

L27.Conduct -0.000539 0.007614 -0.071 0.944

L27.Water 7.224748 NAN NAN NAN

L27.Temp 0.278145 NAN NAN NAN

L27.Precip. horaria -0.000001 0.000003 -0.248 0.804

L27.Temp. prom aire 0.000001 0.000002 0.494 0.622

L28.Conduct -0.000557 0.007616 -0.073 0.942

L28.Water -10.415405 NAN NAN NAN

L28.Temp -0.100568 NAN NAN NAN

L28.Precip. horaria -0.000000 0.000003 -0.023 0.982

L28.Temp. prom aire 0.000001 0.000002 0.480 0.631

L29.Conduct 0.004634 0.007616 0.609 0.543

L29.Water 11.050449 NAN NAN NAN

L29.Temp -0.296837 NAN NAN NAN

L29.Precip. horaria -0.000019 0.000003 -5.526 0.000

L29.Temp. prom aire -0.000001 0.000002 -0.675 0.500

L30.Conduct -0.004868 0.007611 -0.640 0.522

L30.Water -8.634943 0.045712 -188.900 0.000

L30.Temp 0.554633 NAN NAN NAN

L30.Precip. horaria 0.000018 0.000003 5.359 0.000

L30.Temp. prom aire 0.000000 0.000002 0.315 0.753

L31.Conduct 0.004364 0.007606 0.574 0.566

L31.Water 5.093882 0.047311 107.667 0.000

L31.Temp -0.579529 NAN NAN NAN

L31.Precip. horaria -0.000018 0.000003 -5.261 0.000

L31.Temp. prom aire -0.000000 0.000002 -0.081 0.936

L32.Conduct -0.004520 0.007604 -0.594 0.552

L32.Water -2.432495 0.063777 -38.140 0.000

L32.Temp 0.417322 NAN NAN NAN

L32.Precip. horaria 0.000009 0.000003 2.740 0.006

L32.Temp. prom aire 0.000000 0.000002 0.194 0.846

L33.Conduct 0.001606 0.007602 0.211 0.833

L33.Water 1.088013 0.131122 8.298 0.000

L33.Temp -0.110588 NAN NAN NAN

L33.Precip. horaria 0.000000 0.000003 0.013 0.990

L33.Temp. prom aire -0.000000 0.000002 -0.248 0.804

L34.Conduct -0.001833 0.007598 -0.241 0.809

L34.Water -0.721051 0.167645 -4.301 0.000

L34.Temp -0.217720 NAN NAN NAN

L34.Precip. horaria -0.000007 0.000003 -2.191 0.028

L34.Temp. prom aire 0.000000 0.000002 0.246 0.806

L35.Conduct 0.002838 0.007611 0.373 0.709

L35.Water 0.769468 0.167730 4.588 0.000

L35.Temp 0.438516 NAN NAN NAN

L35.Precip. horaria 0.000013 0.000003 3.766 0.000

L35.Temp. prom aire 0.000000 0.000002 0.023 0.982

L36.Conduct -0.002591 0.007622 -0.340 0.734

L36.Water -0.675552 0.159136 -4.245 0.000

L36.Temp -0.492224 NAN NAN NAN

L36.Precip. horaria 0.000014 0.000003 4.171 0.000

L36.Temp. prom aire -0.000001 0.000002 -0.478 0.633

L37.Conduct 0.003101 0.007614 0.407 0.684

L37.Water 0.349395 0.151968 2.299 0.021

L37.Temp 0.342266 NAN NAN NAN

L37.Precip. horaria -0.000008 0.000003 -2.375 0.018

L37.Temp. prom aire 0.000001 0.000002 0.579 0.563

L38.Conduct -0.001693 0.007583 -0.223 0.823

L38.Water -0.017376 0.132515 -0.131 0.896

L38.Temp -0.015663 NAN NAN NAN

L38.Precip. horaria 0.000011 0.000003 3.099 0.002

L38.Temp. prom aire -0.000001 0.000002 -0.519 0.604

L39.Conduct -0.001685 0.007567 -0.223 0.824

L39.Water -0.101545 0.120009 -0.846 0.397

L39.Temp -0.319593 NAN NAN NAN

L39.Precip. horaria -0.000005 0.000003 -1.560 0.119

L39.Temp. prom aire 0.000001 0.000002 0.510 0.610

L40.Conduct 0.003560 0.007581 0.470 0.639

L40.Water -0.089956 0.143923 -0.625 0.532

L40.Temp 0.496096 NAN NAN NAN

L40.Precip. horaria -0.000005 0.000003 -1.551 0.121

L40.Temp. prom aire -0.000002 0.000002 -1.333 0.182

L41.Conduct -0.002163 0.007589 -0.285 0.776

L41.Water 0.451482 0.169742 2.660 0.008

L41.Temp -0.520788 NAN NAN NAN

L41.Precip. horaria 0.000022 0.000003 6.454 0.000

L41.Temp. prom aire 0.000003 0.000002 1.690 0.091

L42.Conduct 0.000897 0.007590 0.118 0.906

L42.Water -0.617113 0.173625 -3.554 0.000

L42.Temp 0.432690 NAN NAN NAN

L42.Precip. horaria -0.000006 0.000003 -1.617 0.106

L42.Temp. prom aire -0.000001 0.000002 -0.560 0.576

L43.Conduct 0.001667 0.007585 0.220 0.826

L43.Water 0.152198 0.175157 0.869 0.385

L43.Temp -0.219209 NAN NAN NAN

L43.Precip. horaria 0.000010 0.000003 3.069 0.002

L43.Temp. prom aire -0.000000 0.000002 -0.091 0.927

L44.Conduct -0.003808 0.007579 -0.502 0.615

L44.Water 0.872036 0.185557 4.700 0.000

L44.Temp 0.007587 NAN NAN NAN

L44.Precip. horaria 0.000006 0.000003 1.751 0.080

L44.Temp. prom aire -0.000001 0.000002 -0.595 0.552

L45.Conduct 0.004003 0.007580 0.528 0.597

L45.Water -1.625810 0.172278 -9.437 0.000

L45.Temp 0.049610 NAN NAN NAN

L45.Precip. horaria -0.000010 0.000003 -2.855 0.004

L45.Temp. prom aire 0.000001 0.000002 0.949 0.343

L46.Conduct -0.000745 0.007580 -0.098 0.922

L46.Water 1.449162 0.116372 12.453 0.000

L46.Temp -0.015168 NAN NAN NAN

L46.Precip. horaria 0.000008 0.000003 2.286 0.022

L46.Temp. prom aire -0.000002 0.000002 -1.489 0.136

L47.Conduct -0.004591 0.006099 -0.753 0.452

L47.Water -0.691092 0.048399 -14.279 0.000

L47.Temp -0.001859 0.052046 -0.036 0.972

L47.Precip. horaria -0.000008 0.000003 -2.466 0.014

L47.Temp. prom aire 0.000002 0.000001 1.223 0.221

L48.Conduct 0.003110 0.002076 1.498 0.134

L48.Water 0.140226 0.009113 15.387 0.000

L48.Temp 0.000570 0.014894 0.038 0.969

L48.Precip. horaria 0.000005 0.000003 1.735 0.083

L48.Temp. prom aire -0.000001 0.000001 -0.765 0.444

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000010 0.000019 -0.503 0.615

L1.Conduct 3.194527 0.061585 51.872 0.000

L1.Water -1.543671 0.049807 -30.993 0.000

L1.Temp 3.836152 0.016698 229.734 0.000

L1.Precip. horaria 0.000004 0.000011 0.395 0.693

L1.Temp. prom aire -0.000004 0.000003 -1.395 0.163

L2.Conduct -14.394643 0.284807 -50.542 0.000

L2.Water 6.843311 0.252892 27.060 0.000

L2.Temp -6.017394 0.065708 -91.577 0.000

L2.Precip. horaria -0.000005 0.000012 -0.420 0.675

L2.Temp. prom aire -0.000004 0.000005 -0.766 0.443

L3.Conduct 27.128100 0.447267 60.653 0.000

L3.Water -12.699311 0.537065 -23.646 0.000

L3.Temp 5.795746 0.061963 93.536 0.000

L3.Precip. horaria -0.000002 0.000012 -0.197 0.844

L3.Temp. prom aire 0.000004 0.000005 0.755 0.450

L4.Conduct -28.887115 NAN NAN NAN

L4.Water 13.371666 0.356737 37.483 0.000

L4.Temp -4.926325 NAN NAN NAN

L4.Precip. horaria 0.000002 0.000012 0.160 0.873

L4.Temp. prom aire 0.000006 0.000005 1.150 0.250

L5.Conduct 20.972602 NAN NAN NAN

L5.Water -9.647077 NAN NAN NAN

L5.Temp 3.719093 NAN NAN NAN

L5.Precip. horaria 0.000001 0.000012 0.046 0.963

L5.Temp. prom aire -0.000003 0.000005 -0.635 0.526

L6.Conduct -12.326285 NAN NAN NAN

L6.Water 5.571671 NAN NAN NAN

L6.Temp -2.046090 NAN NAN NAN

L6.Precip. horaria 0.000004 0.000012 0.298 0.766

L6.Temp. prom aire 0.000006 0.000005 1.127 0.260

L7.Conduct 6.099475 NAN NAN NAN

L7.Water -2.591109 NAN NAN NAN

L7.Temp 0.981885 NAN NAN NAN

L7.Precip. horaria -0.000005 0.000012 -0.410 0.682

L7.Temp. prom aire -0.000007 0.000005 -1.324 0.185

L8.Conduct -2.293932 NAN NAN NAN

L8.Water 0.754465 NAN NAN NAN

L8.Temp -0.385348 NAN NAN NAN

L8.Precip. horaria -0.000006 0.000012 -0.472 0.637

L8.Temp. prom aire 0.000007 0.000005 1.186 0.235

L9.Conduct 0.645238 NAN NAN NAN

L9.Water 0.106248 NAN NAN NAN

L9.Temp 0.098428 NAN NAN NAN

L9.Precip. horaria 0.000007 0.000012 0.610 0.542

L9.Temp. prom aire -0.000004 0.000005 -0.647 0.517

L10.Conduct -0.430510 NAN NAN NAN

L10.Water -0.191499 NAN NAN NAN

L10.Temp -0.133482 NAN NAN NAN

L10.Precip. horaria -0.000003 0.000012 -0.277 0.782

L10.Temp. prom aire -0.000002 0.000005 -0.275 0.783

L11.Conduct 0.363466 NAN NAN NAN

L11.Water -0.047502 NAN NAN NAN

L11.Temp 0.027859 NAN NAN NAN

L11.Precip. horaria 0.000001 0.000012 0.110 0.912

L11.Temp. prom aire 0.000005 0.000005 0.901 0.367

L12.Conduct 0.816429 NAN NAN NAN

L12.Water -0.100488 NAN NAN NAN

L12.Temp 0.260328 NAN NAN NAN

L12.Precip. horaria -0.000000 0.000012 -0.035 0.972

L12.Temp. prom aire -0.000005 0.000005 -0.994 0.320

L13.Conduct -3.067966 NAN NAN NAN

L13.Water 0.953596 NAN NAN NAN

L13.Temp -0.693741 NAN NAN NAN

L13.Precip. horaria -0.000011 0.000012 -0.931 0.352

L13.Temp. prom aire 0.000007 0.000005 1.209 0.227

L14.Conduct 5.425446 NAN NAN NAN

L14.Water -2.274228 NAN NAN NAN

L14.Temp 1.117871 NAN NAN NAN

L14.Precip. horaria 0.000008 0.000012 0.636 0.525

L14.Temp. prom aire -0.000007 0.000005 -1.189 0.235

L15.Conduct -6.757657 NAN NAN NAN

L15.Water 3.301263 NAN NAN NAN

L15.Temp -1.272735 NAN NAN NAN

L15.Precip. horaria 0.000002 0.000012 0.182 0.855

L15.Temp. prom aire 0.000001 0.000005 0.229 0.819

L16.Conduct 6.649192 NAN NAN NAN

L16.Water -3.453705 NAN NAN NAN

L16.Temp 1.221511 NAN NAN NAN

L16.Precip. horaria -0.000001 0.000012 -0.114 0.909

L16.Temp. prom aire 0.000001 0.000005 0.194 0.846

L17.Conduct -5.738385 NAN NAN NAN

L17.Water 2.954266 NAN NAN NAN

L17.Temp -1.045507 NAN NAN NAN

L17.Precip. horaria -0.000012 0.000012 -0.950 0.342

L17.Temp. prom aire 0.000002 0.000005 0.297 0.767

L18.Conduct 4.787876 NAN NAN NAN

L18.Water -2.383399 NAN NAN NAN

L18.Temp 0.871781 NAN NAN NAN

L18.Precip. horaria -0.000011 0.000012 -0.891 0.373

L18.Temp. prom aire -0.000004 0.000005 -0.794 0.427

L19.Conduct -4.281436 NAN NAN NAN

L19.Water 2.195087 NAN NAN NAN

L19.Temp -0.815394 NAN NAN NAN

L19.Precip. horaria 0.000003 0.000012 0.279 0.781

L19.Temp. prom aire 0.000002 0.000005 0.411 0.681

L20.Conduct 4.466165 NAN NAN NAN

L20.Water -2.437027 NAN NAN NAN

L20.Temp 0.868160 NAN NAN NAN

L20.Precip. horaria 0.000001 0.000012 0.108 0.914

L20.Temp. prom aire 0.000002 0.000005 0.282 0.778

L21.Conduct -5.798735 NAN NAN NAN

L21.Water 3.028575 NAN NAN NAN

L21.Temp -1.206487 NAN NAN NAN

L21.Precip. horaria -0.000010 0.000012 -0.829 0.407

L21.Temp. prom aire 0.000001 0.000005 0.204 0.838

L22.Conduct 8.343226 NAN NAN NAN

L22.Water -3.930674 NAN NAN NAN

L22.Temp 1.718922 NAN NAN NAN

L22.Precip. horaria -0.000003 0.000012 -0.244 0.807

L22.Temp. prom aire -0.000001 0.000005 -0.107 0.915

L23.Conduct -9.057845 NAN NAN NAN

L23.Water 4.006679 0.144278 27.771 0.000

L23.Temp -1.646960 NAN NAN NAN

L23.Precip. horaria -0.000008 0.000012 -0.622 0.534

L23.Temp. prom aire 0.000002 0.000005 0.327 0.744

L24.Conduct 5.507518 0.108139 50.930 0.000

L24.Water -2.327052 0.576613 -4.036 0.000

L24.Temp -0.444814 0.138034 -3.222 0.001

L24.Precip. horaria 0.000009 0.000012 0.722 0.470

L24.Temp. prom aire -0.000001 0.000005 -0.175 0.861

L25.Conduct -1.381276 0.071257 -19.385 0.000

L25.Water 0.394808 0.437478 0.902 0.367

L25.Temp 4.694170 NAN NAN NAN

L25.Precip. horaria 0.000010 0.000012 0.820 0.412

L25.Temp. prom aire 0.000003 0.000005 0.522 0.602

L26.Conduct 0.019848 0.027563 0.720 0.471

L26.Water 0.364936 NAN NAN NAN

L26.Temp -7.533666 NAN NAN NAN

L26.Precip. horaria -0.000005 0.000012 -0.401 0.688

L26.Temp. prom aire 0.000000 0.000005 0.076 0.940

L27.Conduct 0.012372 0.027588 0.448 0.654

L27.Water -0.358561 NAN NAN NAN

L27.Temp 7.070112 NAN NAN NAN

L27.Precip. horaria -0.000000 0.000012 -0.014 0.989

L27.Temp. prom aire -0.000003 0.000005 -0.601 0.548

L28.Conduct -0.000465 0.027596 -0.017 0.987

L28.Water 0.242302 NAN NAN NAN

L28.Temp -5.994318 NAN NAN NAN

L28.Precip. horaria 0.000006 0.000012 0.464 0.642

L28.Temp. prom aire -0.000003 0.000005 -0.611 0.541

L29.Conduct -0.009917 0.027594 -0.359 0.719

L29.Water -0.189158 NAN NAN NAN

L29.Temp 5.080211 NAN NAN NAN

L29.Precip. horaria 0.000004 0.000012 0.300 0.764

L29.Temp. prom aire -0.000001 0.000005 -0.134 0.893

L30.Conduct -0.008059 0.027575 -0.292 0.770

L30.Water -0.119631 0.165626 -0.722 0.470

L30.Temp -3.344434 NAN NAN NAN

L30.Precip. horaria -0.000007 0.000012 -0.535 0.592

L30.Temp. prom aire -0.000001 0.000005 -0.158 0.875

L31.Conduct -0.008084 0.027560 -0.293 0.769

L31.Water 0.762843 0.171422 4.450 0.000

L31.Temp 1.608241 NAN NAN NAN

L31.Precip. horaria -0.000005 0.000012 -0.391 0.696

L31.Temp. prom aire 0.000001 0.000005 0.104 0.917

L32.Conduct 0.001333 0.027551 0.048 0.961

L32.Water -1.203896 0.231083 -5.210 0.000

L32.Temp -0.505633 NAN NAN NAN

L32.Precip. horaria 0.000001 0.000012 0.046 0.963

L32.Temp. prom aire -0.000001 0.000005 -0.128 0.898

L33.Conduct 0.002259 0.027543 0.082 0.935

L33.Water 1.108732 0.475092 2.334 0.020

L33.Temp 0.088094 NAN NAN NAN

L33.Precip. horaria -0.000002 0.000012 -0.186 0.853

L33.Temp. prom aire -0.000002 0.000005 -0.295 0.768

L34.Conduct -0.007865 0.027531 -0.286 0.775

L34.Water -0.623690 0.607424 -1.027 0.305

L34.Temp -0.247752 NAN NAN NAN

L34.Precip. horaria -0.000007 0.000012 -0.557 0.578

L34.Temp. prom aire 0.000006 0.000005 1.169 0.243

L35.Conduct 0.033236 0.027578 1.205 0.228

L35.Water 0.156274 0.607734 0.257 0.797

L35.Temp 0.417456 NAN NAN NAN

L35.Precip. horaria 0.000002 0.000012 0.138 0.891

L35.Temp. prom aire -0.000006 0.000005 -1.084 0.278

L36.Conduct -0.026232 0.027616 -0.950 0.342

L36.Water -0.027323 0.576593 -0.047 0.962

L36.Temp -0.436229 NAN NAN NAN

L36.Precip. horaria 0.000001 0.000012 0.055 0.956

L36.Temp. prom aire 0.000002 0.000005 0.324 0.746

L37.Conduct 0.020753 0.027589 0.752 0.452

L37.Water 0.251460 0.550624 0.457 0.648

L37.Temp 0.334330 NAN NAN NAN

L37.Precip. horaria 0.000001 0.000012 0.057 0.955

L37.Temp. prom aire 0.000000 0.000005 0.060 0.952

L38.Conduct -0.011028 0.027476 -0.401 0.688

L38.Water -0.663434 0.480139 -1.382 0.167

L38.Temp 0.038887 NAN NAN NAN

L38.Precip. horaria -0.000002 0.000012 -0.150 0.881

L38.Temp. prom aire 0.000002 0.000005 0.300 0.764

L39.Conduct 0.000001 0.027418 0.000 1.000

L39.Water 0.950918 0.434826 2.187 0.029

L39.Temp -0.563733 NAN NAN NAN

L39.Precip. horaria -0.000002 0.000012 -0.158 0.875

L39.Temp. prom aire -0.000002 0.000005 -0.310 0.756

L40.Conduct -0.000483 0.027467 -0.018 0.986

L40.Water -0.839694 0.521473 -1.610 0.107

L40.Temp 0.884340 NAN NAN NAN

L40.Precip. horaria -0.000006 0.000012 -0.488 0.625

L40.Temp. prom aire -0.000000 0.000005 -0.083 0.934

L41.Conduct -0.000950 0.027497 -0.035 0.972

L41.Water 0.363753 0.615024 0.591 0.554

L41.Temp -0.829986 NAN NAN NAN

L41.Precip. horaria 0.000006 0.000012 0.494 0.621

L41.Temp. prom aire -0.000001 0.000005 -0.148 0.882

L42.Conduct -0.000402 0.027501 -0.015 0.988

L42.Water 0.160847 0.629093 0.256 0.798

L42.Temp 0.700145 NAN NAN NAN

L42.Precip. horaria 0.000000 0.000012 0.018 0.986

L42.Temp. prom aire 0.000003 0.000005 0.517 0.605

L43.Conduct 0.001808 0.027483 0.066 0.948

L43.Water -0.492434 0.634643 -0.776 0.438

L43.Temp -0.926096 NAN NAN NAN

L43.Precip. horaria -0.000005 0.000012 -0.435 0.664

L43.Temp. prom aire -0.000003 0.000005 -0.479 0.632

L44.Conduct -0.006941 0.027462 -0.253 0.800

L44.Water 0.695342 0.672326 1.034 0.301

L44.Temp 1.343913 NAN NAN NAN

L44.Precip. horaria -0.000006 0.000012 -0.498 0.618

L44.Temp. prom aire -0.000001 0.000005 -0.124 0.902

L45.Conduct 0.000783 0.027465 0.029 0.977

L45.Water -0.769314 0.624211 -1.232 0.218

L45.Temp -1.391751 NAN NAN NAN

L45.Precip. horaria -0.000006 0.000012 -0.453 0.650

L45.Temp. prom aire -0.000001 0.000005 -0.146 0.884

L46.Conduct 0.002836 0.027464 0.103 0.918

L46.Water 0.567484 0.421648 1.346 0.178

L46.Temp 0.958057 NAN NAN NAN

L46.Precip. horaria 0.000000 0.000012 0.013 0.990

L46.Temp. prom aire 0.000000 0.000005 0.000 1.000

L47.Conduct 0.006574 0.022100 0.297 0.766

L47.Water -0.230777 0.175362 -1.316 0.188

L47.Temp -0.410150 0.188577 -2.175 0.030

L47.Precip. horaria 0.000008 0.000012 0.630 0.529

L47.Temp. prom aire -0.000002 0.000005 -0.296 0.767

L48.Conduct -0.004849 0.007523 -0.645 0.519

L48.Water 0.038129 0.033020 1.155 0.248

L48.Temp 0.082335 0.053964 1.526 0.127

L48.Precip. horaria -0.000010 0.000011 -0.908 0.364

L48.Temp. prom aire 0.000005 0.000003 1.571 0.116

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.036638 0.016885 -2.170 0.030

L1.Conduct 28.014889 54.059430 0.518 0.604

L1.Water 67.788870 43.720091 1.551 0.121

L1.Temp 17.032648 14.657715 1.162 0.245

L1.Precip. horaria 0.562549 0.009353 60.148 0.000

L1.Temp. prom aire -0.001437 0.002617 -0.549 0.583

L2.Conduct -209.712713 250.003004 -0.839 0.402

L2.Water -401.388232 221.988489 -1.808 0.071

L2.Temp -82.235464 57.678823 -1.426 0.154

L2.Precip. horaria 0.140398 0.010730 13.085 0.000

L2.Temp. prom aire 0.007309 0.004566 1.601 0.109

L3.Conduct 550.947933 392.610049 1.403 0.161

L3.Water 1096.321698 471.435331 2.325 0.020

L3.Temp 160.262119 54.390692 2.946 0.003

L3.Precip. horaria 0.004411 0.010717 0.412 0.681

L3.Temp. prom aire -0.004450 0.004809 -0.925 0.355

L4.Conduct -594.041042 NAN NAN NAN

L4.Water -1946.999276 313.143445 -6.218 0.000

L4.Temp -144.565070 NAN NAN NAN

L4.Precip. horaria -0.029137 0.010618 -2.744 0.006

L4.Temp. prom aire 0.001344 0.004813 0.279 0.780

L5.Conduct -133.792988 NAN NAN NAN

L5.Water 2742.865107 NAN NAN NAN

L5.Temp -15.231053 NAN NAN NAN

L5.Precip. horaria -0.008424 0.010663 -0.790 0.430

L5.Temp. prom aire -0.002757 0.004813 -0.573 0.567

L6.Conduct 1361.237399 NAN NAN NAN

L6.Water -3347.924128 NAN NAN NAN

L6.Temp 244.237465 NAN NAN NAN

L6.Precip. horaria 0.011104 0.010758 1.032 0.302

L6.Temp. prom aire 0.003455 0.004818 0.717 0.473

L7.Conduct -2194.069713 NAN NAN NAN

L7.Water 3358.336332 NAN NAN NAN

L7.Temp -373.632645 NAN NAN NAN

L7.Precip. horaria 0.037638 0.010778 3.492 0.000

L7.Temp. prom aire -0.002839 0.004815 -0.590 0.555

L8.Conduct 1911.883141 NAN NAN NAN

L8.Water -2319.375563 NAN NAN NAN

L8.Temp 291.873959 NAN NAN NAN

L8.Precip. horaria -0.040654 0.010755 -3.780 0.000

L8.Temp. prom aire 0.003740 0.004819 0.776 0.438

L9.Conduct -778.306616 NAN NAN NAN

L9.Water 510.187025 NAN NAN NAN

L9.Temp -106.639487 NAN NAN NAN

L9.Precip. horaria 0.029175 0.010749 2.714 0.007

L9.Temp. prom aire -0.003249 0.004821 -0.674 0.500

L10.Conduct 47.884106 NAN NAN NAN

L10.Water 837.820475 NAN NAN NAN

L10.Temp 44.947678 NAN NAN NAN

L10.Precip. horaria 0.045623 0.010809 4.221 0.000

L10.Temp. prom aire 0.004559 0.004819 0.946 0.344

L11.Conduct -444.986482 NAN NAN NAN

L11.Water -716.590968 NAN NAN NAN

L11.Temp -144.328408 NAN NAN NAN

L11.Precip. horaria -0.010361 0.010828 -0.957 0.339

L11.Temp. prom aire -0.001538 0.004816 -0.319 0.749

L12.Conduct 983.578118 NAN NAN NAN

L12.Water -380.404414 NAN NAN NAN

L12.Temp 171.169507 NAN NAN NAN

L12.Precip. horaria 0.034368 0.010754 3.196 0.001

L12.Temp. prom aire -0.004276 0.004810 -0.889 0.374

L13.Conduct -404.143131 NAN NAN NAN

L13.Water 1087.663990 NAN NAN NAN

L13.Temp 16.896222 NAN NAN NAN

L13.Precip. horaria -0.004337 0.010792 -0.402 0.688

L13.Temp. prom aire 0.002939 0.004807 0.611 0.541

L14.Conduct -961.088028 NAN NAN NAN

L14.Water -710.956427 NAN NAN NAN

L14.Temp -258.729484 NAN NAN NAN

L14.Precip. horaria -0.015379 0.010813 -1.422 0.155

L14.Temp. prom aire 0.003359 0.004818 0.697 0.486

L15.Conduct 1767.315482 NAN NAN NAN

L15.Water -331.565944 NAN NAN NAN

L15.Temp 333.511196 NAN NAN NAN

L15.Precip. horaria 0.017376 0.010808 1.608 0.108

L15.Temp. prom aire -0.003951 0.004823 -0.819 0.413

L16.Conduct -1315.503227 NAN NAN NAN

L16.Water 1302.511111 NAN NAN NAN

L16.Temp -169.516966 NAN NAN NAN

L16.Precip. horaria -0.030518 0.010840 -2.815 0.005

L16.Temp. prom aire 0.002492 0.004817 0.517 0.605

L17.Conduct -87.374894 NAN NAN NAN

L17.Water -1832.971641 NAN NAN NAN

L17.Temp -145.395753 NAN NAN NAN

L17.Precip. horaria 0.014258 0.010868 1.312 0.190

L17.Temp. prom aire -0.000130 0.004817 -0.027 0.978

L18.Conduct 1680.338579 NAN NAN NAN

L18.Water 1579.063508 NAN NAN NAN

L18.Temp 426.833962 NAN NAN NAN

L18.Precip. horaria 0.003157 0.010856 0.291 0.771

L18.Temp. prom aire 0.000155 0.004822 0.032 0.974

L19.Conduct -2539.700921 NAN NAN NAN

L19.Water -316.673999 NAN NAN NAN

L19.Temp -500.958486 NAN NAN NAN

L19.Precip. horaria -0.008161 0.010837 -0.753 0.451

L19.Temp. prom aire -0.004171 0.004823 -0.865 0.387

L20.Conduct 2231.082637 NAN NAN NAN

L20.Water -1368.820094 NAN NAN NAN

L20.Temp 364.332462 NAN NAN NAN

L20.Precip. horaria -0.007728 0.010802 -0.715 0.474

L20.Temp. prom aire 0.008074 0.004822 1.674 0.094

L21.Conduct -1303.762897 NAN NAN NAN

L21.Water 2724.540900 NAN NAN NAN

L21.Temp -148.993955 NAN NAN NAN

L21.Precip. horaria -0.014807 0.010845 -1.365 0.172

L21.Temp. prom aire -0.004724 0.004822 -0.980 0.327

L22.Conduct 429.333044 NAN NAN NAN

L22.Water -3681.173358 NAN NAN NAN

L22.Temp -38.215090 NAN NAN NAN

L22.Precip. horaria 0.001169 0.010904 0.107 0.915

L22.Temp. prom aire 0.000976 0.004823 0.202 0.840

L23.Conduct 110.715544 NAN NAN NAN

L23.Water 4256.628808 126.647269 33.610 0.000

L23.Temp 44.421101 NAN NAN NAN

L23.Precip. horaria 0.041191 0.010855 3.795 0.000

L23.Temp. prom aire -0.002133 0.004825 -0.442 0.658

L24.Conduct -201.296757 94.924325 -2.121 0.034

L24.Water -4229.074831 506.150182 -8.355 0.000

L24.Temp 61.004993 121.166399 0.503 0.615

L24.Precip. horaria -0.009395 0.010792 -0.871 0.384

L24.Temp. prom aire -0.002936 0.004804 -0.611 0.541

L25.Conduct 64.331289 62.548983 1.028 0.304

L25.Water 3949.212908 384.018023 10.284 0.000

L25.Temp 127.768610 NAN NAN NAN

L25.Precip. horaria -0.028875 0.010754 -2.685 0.007

L25.Temp. prom aire 0.005165 0.004803 1.075 0.282

L26.Conduct -0.289845 24.194434 -0.012 0.990

L26.Water -3991.110169 NAN NAN NAN

L26.Temp -489.177331 NAN NAN NAN

L26.Precip. horaria 0.020809 0.010775 1.931 0.053

L26.Temp. prom aire 0.000498 0.004822 0.103 0.918

L27.Conduct 6.587711 24.216603 0.272 0.786

L27.Water 3928.463422 NAN NAN NAN

L27.Temp 476.944109 NAN NAN NAN

L27.Precip. horaria -0.000157 0.010812 -0.015 0.988

L27.Temp. prom aire -0.005079 0.004821 -1.054 0.292

L28.Conduct -3.737347 24.223397 -0.154 0.877

L28.Water -3205.864663 NAN NAN NAN

L28.Temp -275.250358 NAN NAN NAN

L28.Precip. horaria 0.020476 0.010755 1.904 0.057

L28.Temp. prom aire 0.004580 0.004820 0.950 0.342

L29.Conduct -3.438519 24.222239 -0.142 0.887

L29.Water 2408.748573 NAN NAN NAN

L29.Temp 336.702716 NAN NAN NAN

L29.Precip. horaria -0.015476 0.010709 -1.445 0.148

L29.Temp. prom aire -0.004870 0.004819 -1.011 0.312

L30.Conduct -0.223045 24.205547 -0.009 0.993

L30.Water -2230.805930 145.386730 -15.344 0.000

L30.Temp -352.012508 NAN NAN NAN

L30.Precip. horaria -0.004977 0.010707 -0.465 0.642

L30.Temp. prom aire 0.006218 0.004818 1.290 0.197

L31.Conduct 1.856667 24.191954 0.077 0.939

L31.Water 2364.475279 150.474336 15.713 0.000

L31.Temp -141.489044 NAN NAN NAN

L31.Precip. horaria 0.007523 0.010724 0.701 0.483

L31.Temp. prom aire -0.005324 0.004822 -1.104 0.270

L32.Conduct 3.458328 24.184439 0.143 0.886

L32.Water -1974.996112 202.844478 -9.737 0.000

L32.Temp 850.635708 NAN NAN NAN

L32.Precip. horaria 0.005346 0.010728 0.498 0.618

L32.Temp. prom aire 0.003403 0.004819 0.706 0.480

L33.Conduct -2.733956 24.177507 -0.113 0.910

L33.Water 643.456441 417.034992 1.543 0.123

L33.Temp -1032.629874 NAN NAN NAN

L33.Precip. horaria -0.001184 0.010729 -0.110 0.912

L33.Temp. prom aire -0.006040 0.004819 -1.253 0.210

L34.Conduct -4.686197 24.166696 -0.194 0.846

L34.Water 1043.516823 533.195971 1.957 0.050

L34.Temp 582.410710 NAN NAN NAN

L34.Precip. horaria -0.010481 0.010761 -0.974 0.330

L34.Temp. prom aire 0.004743 0.004818 0.984 0.325

L35.Conduct 5.790195 24.207695 0.239 0.811

L35.Water -2013.245989 533.467825 -3.774 0.000

L35.Temp -191.899973 NAN NAN NAN

L35.Precip. horaria -0.018434 0.010821 -1.704 0.088

L35.Temp. prom aire -0.004919 0.004817 -1.021 0.307

L36.Conduct -2.238400 24.240913 -0.092 0.926

L36.Water 1856.296138 506.132641 3.668 0.000

L36.Temp 103.339291 NAN NAN NAN

L36.Precip. horaria 0.004632 0.010884 0.426 0.670

L36.Temp. prom aire 0.008152 0.004818 1.692 0.091

L37.Conduct -1.163884 24.217246 -0.048 0.962

L37.Water -980.913528 483.337566 -2.029 0.042

L37.Temp 118.490932 NAN NAN NAN

L37.Precip. horaria 0.004740 0.010848 0.437 0.662

L37.Temp. prom aire -0.003513 0.004821 -0.729 0.466

L38.Conduct 5.703028 24.118546 0.236 0.813

L38.Water 48.465597 421.465462 0.115 0.908

L38.Temp -405.788422 NAN NAN NAN

L38.Precip. horaria -0.001559 0.010845 -0.144 0.886

L38.Temp. prom aire 0.000395 0.004823 0.082 0.935

L39.Conduct -2.494559 24.067926 -0.104 0.917

L39.Water 559.523029 381.689630 1.466 0.143

L39.Temp 124.310847 NAN NAN NAN

L39.Precip. horaria 0.003187 0.010803 0.295 0.768

L39.Temp. prom aire -0.005212 0.004820 -1.081 0.280

L40.Conduct 2.295147 24.110581 0.095 0.924

L40.Water -966.304061 457.748320 -2.111 0.035

L40.Temp 769.399859 NAN NAN NAN

L40.Precip. horaria -0.007193 0.010797 -0.666 0.505

L40.Temp. prom aire 0.005937 0.004823 1.231 0.218

L41.Conduct -4.707226 24.136991 -0.195 0.845

L41.Water 1266.524494 539.867336 2.346 0.019

L41.Temp -1440.946907 NAN NAN NAN

L41.Precip. horaria -0.002654 0.010804 -0.246 0.806

L41.Temp. prom aire -0.005107 0.004824 -1.059 0.290

L42.Conduct -2.658921 24.140551 -0.110 0.912

L42.Water -1209.886835 552.216747 -2.191 0.028

L42.Temp 1217.581480 NAN NAN NAN

L42.Precip. horaria -0.006147 0.010838 -0.567 0.571

L42.Temp. prom aire 0.000448 0.004823 0.093 0.926

L43.Conduct -0.975226 24.124844 -0.040 0.968

L43.Water 756.523286 557.088821 1.358 0.174

L43.Temp -297.824288 NAN NAN NAN

L43.Precip. horaria 0.000859 0.010837 0.079 0.937

L43.Temp. prom aire 0.005361 0.004821 1.112 0.266

L44.Conduct 4.513999 24.105750 0.187 0.851

L44.Water -298.575958 590.166993 -0.506 0.613

L44.Temp -634.997421 NAN NAN NAN

L44.Precip. horaria 0.009501 0.010832 0.877 0.380

L44.Temp. prom aire -0.003155 0.004820 -0.654 0.513

L45.Conduct 1.468231 24.108589 0.061 0.951

L45.Water 111.401796 547.931563 0.203 0.839

L45.Temp 1003.668517 NAN NAN NAN

L45.Precip. horaria 0.018062 0.010870 1.662 0.097

L45.Temp. prom aire -0.004123 0.004824 -0.855 0.393

L46.Conduct 4.911489 24.107680 0.204 0.839

L46.Water -77.015123 370.122256 -0.208 0.835

L46.Temp -739.527620 NAN NAN NAN

L46.Precip. horaria -0.002825 0.010880 -0.260 0.795

L46.Temp. prom aire 0.006112 0.004820 1.268 0.205

L47.Conduct -8.851579 19.399097 -0.456 0.648

L47.Water 40.296988 153.932255 0.262 0.793

L47.Temp 291.327694 165.532663 1.760 0.078

L47.Precip. horaria 0.007124 0.010698 0.666 0.505

L47.Temp. prom aire -0.000755 0.004579 -0.165 0.869

L48.Conduct 2.730386 6.603508 0.413 0.679

L48.Water -7.991674 28.985316 -0.276 0.783

L48.Temp -49.117514 47.369808 -1.037 0.300

L48.Precip. horaria -0.004179 0.009320 -0.448 0.654

L48.Temp. prom aire -0.002048 0.002628 -0.779 0.436

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.209696 0.060112 3.488 0.000

L1.Conduct -443.034302 192.457389 -2.302 0.021

L1.Water 230.239599 155.648229 1.479 0.139

L1.Temp -132.147693 52.183042 -2.532 0.011

L1.Precip. horaria 0.038090 0.033297 1.144 0.253

L1.Temp. prom aire 1.432483 0.009318 153.726 0.000

L2.Conduct 2239.321809 890.037594 2.516 0.012

L2.Water -1017.163487 790.302909 -1.287 0.198

L2.Temp 510.980741 205.342818 2.488 0.013

L2.Precip. horaria 0.018402 0.038199 0.482 0.630

L2.Temp. prom aire -0.579754 0.016256 -35.664 0.000

L3.Conduct -4536.985938 1397.734020 -3.246 0.001

L3.Water 1501.467860 1678.360507 0.895 0.371

L3.Temp -717.519005 193.636718 -3.705 0.000

L3.Precip. horaria -0.005101 0.038154 -0.134 0.894

L3.Temp. prom aire 0.077278 0.017121 4.514 0.000

L4.Conduct 4407.727143 NAN NAN NAN

L4.Water 3.492445 1114.824359 0.003 0.998

L4.Temp 476.797672 NAN NAN NAN

L4.Precip. horaria -0.016256 0.037803 -0.430 0.667

L4.Temp. prom aire -0.020746 0.017135 -1.211 0.226

L5.Conduct -1443.771381 NAN NAN NAN

L5.Water -2905.298922 NAN NAN NAN

L5.Temp -182.433236 NAN NAN NAN

L5.Precip. horaria 0.007441 0.037963 0.196 0.845

L5.Temp. prom aire -0.020106 0.017135 -1.173 0.241

L6.Conduct -1318.614682 NAN NAN NAN

L6.Water 4378.869784 NAN NAN NAN

L6.Temp -83.056702 NAN NAN NAN

L6.Precip. horaria 0.032555 0.038301 0.850 0.395

L6.Temp. prom aire 0.020688 0.017152 1.206 0.228

L7.Conduct 1992.215469 NAN NAN NAN

L7.Water -3389.548548 NAN NAN NAN

L7.Temp 197.079526 NAN NAN NAN

L7.Precip. horaria 0.018596 0.038369 0.485 0.628

L7.Temp. prom aire -0.036317 0.017141 -2.119 0.034

L8.Conduct -1016.719895 NAN NAN NAN

L8.Water 1685.398288 NAN NAN NAN

L8.Temp 84.949854 NAN NAN NAN

L8.Precip. horaria 0.025563 0.038289 0.668 0.504

L8.Temp. prom aire 0.014047 0.017156 0.819 0.413

L9.Conduct -297.090650 NAN NAN NAN

L9.Water -1192.047263 NAN NAN NAN

L9.Temp -174.479398 NAN NAN NAN

L9.Precip. horaria -0.034743 0.038268 -0.908 0.364

L9.Temp. prom aire 0.005714 0.017162 0.333 0.739

L10.Conduct 769.976381 NAN NAN NAN

L10.Water 2020.091595 NAN NAN NAN

L10.Temp 103.009547 NAN NAN NAN

L10.Precip. horaria -0.043315 0.038482 -1.126 0.260

L10.Temp. prom aire 0.000743 0.017156 0.043 0.965

L11.Conduct -812.078053 NAN NAN NAN

L11.Water -2605.276952 NAN NAN NAN

L11.Temp -380.467078 NAN NAN NAN

L11.Precip. horaria 0.007814 0.038550 0.203 0.839

L11.Temp. prom aire -0.019114 0.017145 -1.115 0.265

L12.Conduct 1636.952068 NAN NAN NAN

L12.Water 1812.398842 NAN NAN NAN

L12.Temp 586.459820 NAN NAN NAN

L12.Precip. horaria 0.008968 0.038286 0.234 0.815

L12.Temp. prom aire 0.018127 0.017125 1.059 0.290

L13.Conduct -3738.177522 NAN NAN NAN

L13.Water -1.991505 NAN NAN NAN

L13.Temp -818.738637 NAN NAN NAN

L13.Precip. horaria 0.000497 0.038422 0.013 0.990

L13.Temp. prom aire -0.017929 0.017113 -1.048 0.295

L14.Conduct 6418.763594 NAN NAN NAN

L14.Water -1866.705035 NAN NAN NAN

L14.Temp 1263.384393 NAN NAN NAN

L14.Precip. horaria -0.012264 0.038495 -0.319 0.750

L14.Temp. prom aire 0.026446 0.017154 1.542 0.123

L15.Conduct -6752.245472 NAN NAN NAN

L15.Water 2300.545447 NAN NAN NAN

L15.Temp -1150.172022 NAN NAN NAN

L15.Precip. horaria 0.025278 0.038478 0.657 0.511

L15.Temp. prom aire -0.013599 0.017172 -0.792 0.428

L16.Conduct 1802.911147 NAN NAN NAN

L16.Water 77.327339 NAN NAN NAN

L16.Temp -40.647277 NAN NAN NAN

L16.Precip. horaria -0.020827 0.038592 -0.540 0.589

L16.Temp. prom aire -0.003881 0.017148 -0.226 0.821

L17.Conduct 6352.573696 NAN NAN NAN

L17.Water -3902.162229 NAN NAN NAN

L17.Temp 1633.111758 NAN NAN NAN

L17.Precip. horaria 0.018709 0.038690 0.484 0.629

L17.Temp. prom aire 0.022652 0.017151 1.321 0.187

L18.Conduct -12039.530904 NAN NAN NAN

L18.Water 5781.442367 NAN NAN NAN

L18.Temp -2463.567781 NAN NAN NAN

L18.Precip. horaria -0.002441 0.038648 -0.063 0.950

L18.Temp. prom aire -0.021087 0.017165 -1.228 0.219

L19.Conduct 13158.953308 NAN NAN NAN

L19.Water -4929.132629 NAN NAN NAN

L19.Temp 2557.626133 NAN NAN NAN

L19.Precip. horaria -0.028552 0.038579 -0.740 0.459

L19.Temp. prom aire 0.019382 0.017170 1.129 0.259

L20.Conduct -11926.792677 NAN NAN NAN

L20.Water 3414.726199 NAN NAN NAN

L20.Temp -2367.446336 NAN NAN NAN

L20.Precip. horaria -0.013146 0.038455 -0.342 0.732

L20.Temp. prom aire -0.020758 0.017168 -1.209 0.227

L21.Conduct 9628.493724 NAN NAN NAN

L21.Water -2381.506588 NAN NAN NAN

L21.Temp 1878.464243 NAN NAN NAN

L21.Precip. horaria 0.012272 0.038610 0.318 0.751

L21.Temp. prom aire 0.016789 0.017167 0.978 0.328

L22.Conduct -6266.274272 NAN NAN NAN

L22.Water 1621.366389 NAN NAN NAN

L22.Temp -1166.200547 NAN NAN NAN

L22.Precip. horaria 0.014011 0.038820 0.361 0.718

L22.Temp. prom aire 0.030797 0.017171 1.794 0.073

L23.Conduct 2960.292336 NAN NAN NAN

L23.Water -917.333273 450.877906 -2.035 0.042

L23.Temp 913.363734 NAN NAN NAN

L23.Precip. horaria 0.026880 0.038643 0.696 0.487

L23.Temp. prom aire 0.051651 0.017178 3.007 0.003

L24.Conduct -932.723922 337.940813 -2.760 0.006

L24.Water 126.515535 1801.949112 0.070 0.944

L24.Temp -2916.792543 431.365420 -6.762 0.000

L24.Precip. horaria -0.004012 0.038422 -0.104 0.917

L24.Temp. prom aire 0.118899 0.017104 6.951 0.000

L25.Conduct 177.168096 222.681111 0.796 0.426

L25.Water 697.680855 1367.145483 0.510 0.610

L25.Temp 6639.053571 NAN NAN NAN

L25.Precip. horaria 0.016497 0.038287 0.431 0.667

L25.Temp. prom aire -0.174968 0.017100 -10.232 0.000

L26.Conduct -74.431821 86.134789 -0.864 0.388

L26.Water -1361.318618 NAN NAN NAN

L26.Temp -7338.964385 NAN NAN NAN

L26.Precip. horaria 0.001654 0.038362 0.043 0.966

L26.Temp. prom aire 0.003559 0.017166 0.207 0.836

L27.Conduct 106.541211 86.213712 1.236 0.217

L27.Water 1577.397016 NAN NAN NAN

L27.Temp 2653.209723 NAN NAN NAN

L27.Precip. horaria -0.022278 0.038493 -0.579 0.563

L27.Temp. prom aire 0.010137 0.017162 0.591 0.555

L28.Conduct -85.083055 86.237900 -0.987 0.324

L28.Water -753.877079 NAN NAN NAN

L28.Temp 4026.099333 NAN NAN NAN

L28.Precip. horaria 0.017775 0.038290 0.464 0.642

L28.Temp. prom aire -0.016340 0.017161 -0.952 0.341

L29.Conduct 72.573025 86.233779 0.842 0.400

L29.Water -1128.106120 NAN NAN NAN

L29.Temp -8146.813584 NAN NAN NAN

L29.Precip. horaria -0.035254 0.038126 -0.925 0.355

L29.Temp. prom aire 0.022184 0.017157 1.293 0.196

L30.Conduct -61.085519 86.174353 -0.709 0.478

L30.Water 2817.021066 517.592401 5.443 0.000

L30.Temp 7745.166975 NAN NAN NAN

L30.Precip. horaria -0.006470 0.038118 -0.170 0.865

L30.Temp. prom aire 0.009336 0.017154 0.544 0.586

L31.Conduct 13.303909 86.125959 0.154 0.877

L31.Water -3158.539655 535.704827 -5.896 0.000

L31.Temp -5230.756252 NAN NAN NAN

L31.Precip. horaria -0.027239 0.038179 -0.713 0.476

L31.Temp. prom aire -0.008427 0.017166 -0.491 0.624

L32.Conduct 34.689022 86.099207 0.403 0.687

L32.Water 2194.413725 722.148169 3.039 0.002

L32.Temp 4277.920289 NAN NAN NAN

L32.Precip. horaria 0.048220 0.038194 1.263 0.207

L32.Temp. prom aire -0.007498 0.017157 -0.437 0.662

L33.Conduct -42.667224 86.074526 -0.496 0.620

L33.Water -855.880265 1484.689447 -0.576 0.564

L33.Temp -3944.117194 NAN NAN NAN

L33.Precip. horaria 0.005445 0.038198 0.143 0.887

L33.Temp. prom aire 0.019545 0.017155 1.139 0.255

L34.Conduct 5.239583 86.036040 0.061 0.951

L34.Water 496.300967 1898.235031 0.261 0.794

L34.Temp 2451.856168 NAN NAN NAN

L34.Precip. horaria -0.023187 0.038312 -0.605 0.545

L34.Temp. prom aire -0.021099 0.017152 -1.230 0.219

L35.Conduct 11.892145 86.182000 0.138 0.890

L35.Water -1594.238266 1899.202859 -0.839 0.401

L35.Temp -811.929315 NAN NAN NAN

L35.Precip. horaria 0.024926 0.038523 0.647 0.518

L35.Temp. prom aire 0.031938 0.017149 1.862 0.063

L36.Conduct -35.019317 86.300260 -0.406 0.685

L36.Water 2747.510848 1801.886664 1.525 0.127

L36.Temp -2580.086163 NAN NAN NAN

L36.Precip. horaria -0.019499 0.038746 -0.503 0.615

L36.Temp. prom aire -0.036031 0.017151 -2.101 0.036

L37.Conduct 55.897185 86.216000 0.648 0.517

L37.Water -2183.389530 1720.733745 -1.269 0.204

L37.Temp 9173.656249 NAN NAN NAN

L37.Precip. horaria -0.042093 0.038620 -1.090 0.276

L37.Temp. prom aire 0.020169 0.017163 1.175 0.240

L38.Conduct -27.390245 85.864621 -0.319 0.750

L38.Water -140.854801 1500.462395 -0.094 0.925

L38.Temp -13333.636882 NAN NAN NAN

L38.Precip. horaria 0.005159 0.038610 0.134 0.894

L38.Temp. prom aire -0.000285 0.017169 -0.017 0.987

L39.Conduct -26.955662 85.684408 -0.315 0.753

L39.Water 2846.130868 1358.856154 2.095 0.036

L39.Temp 10091.933165 NAN NAN NAN

L39.Precip. horaria 0.021313 0.038459 0.554 0.579

L39.Temp. prom aire -0.021505 0.017159 -1.253 0.210

L40.Conduct 119.194671 85.836264 1.389 0.165

L40.Water -4540.413065 1629.633276 -2.786 0.005

L40.Temp -3321.942837 NAN NAN NAN

L40.Precip. horaria -0.037361 0.038438 -0.972 0.331

L40.Temp. prom aire -0.010709 0.017172 -0.624 0.533

L41.Conduct -71.869798 85.930286 -0.836 0.403

L41.Water 4367.707720 1921.985807 2.272 0.023

L41.Temp -2090.697018 NAN NAN NAN

L41.Precip. horaria 0.012080 0.038464 0.314 0.753

L41.Temp. prom aire 0.003806 0.017176 0.222 0.825

L42.Conduct -85.950451 85.942959 -1.000 0.317

L42.Water -2514.895810 1965.951040 -1.279 0.201

L42.Temp 7625.893261 NAN NAN NAN

L42.Precip. horaria -0.028627 0.038585 -0.742 0.458

L42.Temp. prom aire 0.016438 0.017169 0.957 0.338

L43.Conduct 26.408739 85.887039 0.307 0.758

L43.Water 209.265606 1983.296147 0.106 0.916

L43.Temp -14885.851707 NAN NAN NAN

L43.Precip. horaria 0.033007 0.038580 0.856 0.392

L43.Temp. prom aire -0.012127 0.017163 -0.707 0.480

L44.Conduct 125.037527 85.819065 1.457 0.145

L44.Water 1253.498219 2101.058001 0.597 0.551

L44.Temp 19145.207717 NAN NAN NAN

L44.Precip. horaria -0.014516 0.038562 -0.376 0.707

L44.Temp. prom aire 0.024902 0.017161 1.451 0.147

L45.Conduct -97.636037 85.829172 -1.138 0.255

L45.Water -1398.765645 1950.695323 -0.717 0.473

L45.Temp -15686.032311 NAN NAN NAN

L45.Precip. horaria -0.027413 0.038697 -0.708 0.479

L45.Temp. prom aire -0.015461 0.017173 -0.900 0.368

L46.Conduct -19.649588 85.825936 -0.229 0.819

L46.Water 806.430893 1317.675059 0.612 0.541

L46.Temp 7898.049030 NAN NAN NAN

L46.Precip. horaria 0.032873 0.038732 0.849 0.396

L46.Temp. prom aire 0.000359 0.017160 0.021 0.983

L47.Conduct 58.609073 69.062873 0.849 0.396

L47.Water -278.418284 548.015390 -0.508 0.611

L47.Temp -2256.133402 589.314094 -3.828 0.000

L47.Precip. horaria 0.007515 0.038086 0.197 0.844

L47.Temp. prom aire 0.104297 0.016301 6.398 0.000

L48.Conduct -22.957304 23.509199 -0.977 0.329

L48.Water 49.622324 103.190844 0.481 0.631

L48.Temp 287.371546 168.641612 1.704 0.088

L48.Precip. horaria -0.010266 0.033182 -0.309 0.757

L48.Temp. prom aire -0.080152 0.009356 -8.567 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.558419 -0.825181 -0.006186 0.013610

Water 0.558419 1.000000 -0.159428 0.001187 -0.001837

Temp -0.825181 -0.159428 1.000000 0.004159 -0.023440

Precip. horaria -0.006186 0.001187 0.004159 1.000000 -0.023283

Temp. prom aire 0.013610 -0.001837 -0.023440 -0.023283 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -59.6223

Nobs: 11641.0 HQIC: -60.1283

Log likelihood: 270083. FPE: 5.96238e-27

AIC: -60.3844 Det(Omega\_mle): 5.38175e-27

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000052 0.000013 3.877 0.000

L1.Conduct 4.384177 0.016142 271.604 0.000

L1.Water 3.488505 NAN NAN NAN

L1.Temp -0.442628 0.006713 -65.934 0.000

L1.Precip. horaria 0.000002 0.000005 0.377 0.706

L1.Temp. prom aire -0.000001 0.000001 -0.711 0.477

L2.Conduct -8.165016 0.080153 -101.868 0.000

L2.Water -17.020389 NAN NAN NAN

L2.Temp 1.799666 0.031216 57.652 0.000

L2.Precip. horaria 0.000000 0.000006 0.032 0.975

L2.Temp. prom aire -0.000002 0.000003 -0.984 0.325

L3.Conduct 8.884083 0.183360 48.452 0.000

L3.Water 35.595941 NAN NAN NAN

L3.Temp -2.886569 0.067082 -43.031 0.000

L3.Precip. horaria 0.000000 0.000006 0.026 0.979

L3.Temp. prom aire 0.000003 0.000003 1.182 0.237

L4.Conduct -6.850651 0.252667 -27.113 0.000

L4.Water -43.365262 0.390845 -110.953 0.000

L4.Temp 2.438797 0.087356 27.918 0.000

L4.Precip. horaria 0.000004 0.000006 0.737 0.461

L4.Temp. prom aire 0.000002 0.000003 0.776 0.438

L5.Conduct 4.331660 0.229732 18.855 0.000

L5.Water 37.250011 0.369367 100.848 0.000

L5.Temp -1.453533 0.077116 -18.849 0.000

L5.Precip. horaria 0.000001 0.000006 0.216 0.829

L5.Temp. prom aire -0.000000 0.000003 -0.131 0.896

L6.Conduct -2.449691 0.172773 -14.179 0.000

L6.Water -27.341421 NAN NAN NAN

L6.Temp 0.886282 0.060848 14.565 0.000

L6.Precip. horaria 0.000001 0.000006 0.120 0.905

L6.Temp. prom aire 0.000003 0.000003 1.027 0.304

L7.Conduct 1.261829 0.184495 6.839 0.000

L7.Water 19.145454 0.113752 168.308 0.000

L7.Temp -0.463548 0.065419 -7.086 0.000

L7.Precip. horaria -0.000003 0.000006 -0.493 0.622

L7.Temp. prom aire -0.000004 0.000003 -1.330 0.183

L8.Conduct -0.334104 0.232085 -1.440 0.150

L8.Water -12.415788 NAN NAN NAN

L8.Temp 0.121267 0.081225 1.493 0.135

L8.Precip. horaria 0.000001 0.000006 0.150 0.881

L8.Temp. prom aire 0.000003 0.000003 1.033 0.301

L9.Conduct -0.396438 0.294884 -1.344 0.179

L9.Water 7.075826 0.159944 44.239 0.000

L9.Temp 0.114039 0.103705 1.100 0.271

L9.Precip. horaria 0.000002 0.000006 0.378 0.706

L9.Temp. prom aire -0.000001 0.000003 -0.325 0.745

L10.Conduct 0.715156 0.364017 1.965 0.049

L10.Water -3.921899 NAN NAN NAN

L10.Temp -0.249006 0.127362 -1.955 0.051

L10.Precip. horaria -0.000001 0.000006 -0.240 0.811

L10.Temp. prom aire -0.000002 0.000003 -0.809 0.418

L11.Conduct -0.668284 0.405894 -1.646 0.100

L11.Water 3.128381 0.318685 9.817 0.000

L11.Temp 0.221227 0.139569 1.585 0.113

L11.Precip. horaria 0.000001 0.000006 0.128 0.898

L11.Temp. prom aire 0.000002 0.000003 0.899 0.369

L12.Conduct 0.353620 0.399500 0.885 0.376

L12.Water -3.062932 0.595032 -5.148 0.000

L12.Temp -0.101694 0.135731 -0.749 0.454

L12.Precip. horaria -0.000003 0.000006 -0.509 0.611

L12.Temp. prom aire -0.000001 0.000003 -0.544 0.586

L13.Conduct 0.065636 0.360409 0.182 0.855

L13.Water 2.089378 0.537947 3.884 0.000

L13.Temp -0.037614 0.122576 -0.307 0.759

L13.Precip. horaria 0.000001 0.000006 0.098 0.922

L13.Temp. prom aire 0.000001 0.000003 0.422 0.673

L14.Conduct -0.244175 0.310784 -0.786 0.432

L14.Water -0.757952 0.561458 -1.350 0.177

L14.Temp 0.086459 0.106323 0.813 0.416

L14.Precip. horaria -0.000001 0.000006 -0.205 0.837

L14.Temp. prom aire -0.000000 0.000003 -0.031 0.975

L15.Conduct 0.075012 0.262195 0.286 0.775

L15.Water -0.086181 0.551226 -0.156 0.876

L15.Temp -0.023482 0.090431 -0.260 0.795

L15.Precip. horaria 0.000003 0.000006 0.528 0.598

L15.Temp. prom aire -0.000000 0.000003 -0.036 0.971

L16.Conduct 0.163264 0.225586 0.724 0.469

L16.Water 1.376610 0.388220 3.546 0.000

L16.Temp -0.044362 0.078172 -0.567 0.570

L16.Precip. horaria 0.000000 0.000006 0.081 0.935

L16.Temp. prom aire -0.000001 0.000003 -0.411 0.681

L17.Conduct -0.275224 0.215983 -1.274 0.203

L17.Water -3.453327 0.166303 -20.765 0.000

L17.Temp 0.097601 0.075910 1.286 0.199

L17.Precip. horaria -0.000000 0.000006 -0.069 0.945

L17.Temp. prom aire 0.000001 0.000003 0.547 0.584

L18.Conduct 0.287576 0.245070 1.173 0.241

L18.Water 4.611847 0.454476 10.148 0.000

L18.Temp -0.112465 0.086161 -1.305 0.192

L18.Precip. horaria -0.000001 0.000006 -0.208 0.835

L18.Temp. prom aire -0.000002 0.000003 -0.681 0.496

L19.Conduct -0.141755 0.280076 -0.506 0.613

L19.Water -4.140537 0.446103 -9.282 0.000

L19.Temp 0.046580 0.096555 0.482 0.630

L19.Precip. horaria 0.000003 0.000006 0.428 0.669

L19.Temp. prom aire 0.000003 0.000003 0.985 0.325

L20.Conduct -0.177059 0.288847 -0.613 0.540

L20.Water 3.158609 NAN NAN NAN

L20.Temp 0.058132 0.098066 0.593 0.553

L20.Precip. horaria -0.000002 0.000006 -0.301 0.764

L20.Temp. prom aire 0.000000 0.000003 0.065 0.948

L21.Conduct 0.519541 0.267217 1.944 0.052

L21.Water -2.340784 NAN NAN NAN

L21.Temp -0.177486 0.091390 -1.942 0.052

L21.Precip. horaria 0.000001 0.000006 0.090 0.928

L21.Temp. prom aire -0.000000 0.000003 -0.060 0.952

L22.Conduct -1.028742 0.222445 -4.625 0.000

L22.Water 1.539414 0.440615 3.494 0.000

L22.Temp 0.362641 0.077125 4.702 0.000

L22.Precip. horaria -0.000004 0.000006 -0.626 0.531

L22.Temp. prom aire 0.000000 0.000003 0.038 0.970

L23.Conduct 1.453529 0.165295 8.794 0.000

L23.Water 0.316880 NAN NAN NAN

L23.Temp -0.449508 0.071000 -6.331 0.000

L23.Precip. horaria 0.000001 0.000006 0.179 0.858

L23.Temp. prom aire -0.000001 0.000003 -0.394 0.693

L24.Conduct -1.042521 0.095879 -10.873 0.000

L24.Water -3.871759 NAN NAN NAN

L24.Temp -0.064719 NAN NAN NAN

L24.Precip. horaria 0.000001 0.000006 0.144 0.886

L24.Temp. prom aire 0.000001 0.000003 0.396 0.692

L25.Conduct 0.266639 0.029678 8.984 0.000

L25.Water 8.529152 0.272639 31.284 0.000

L25.Temp 0.785404 NAN NAN NAN

L25.Precip. horaria 0.000001 0.000006 0.178 0.859

L25.Temp. prom aire 0.000000 0.000003 0.014 0.989

L26.Conduct 0.016986 0.005355 3.172 0.002

L26.Water -15.258032 NAN NAN NAN

L26.Temp -0.335852 NAN NAN NAN

L26.Precip. horaria 0.000001 0.000006 0.180 0.858

L26.Temp. prom aire 0.000000 0.000003 0.109 0.913

L27.Conduct -0.013922 0.005488 -2.537 0.011

L27.Water 22.795267 0.187332 121.683 0.000

L27.Temp -0.924430 NAN NAN NAN

L27.Precip. horaria 0.000018 0.000006 2.950 0.003

L27.Temp. prom aire -0.000001 0.000003 -0.504 0.614

L28.Conduct 0.008657 0.005422 1.597 0.110

L28.Water -25.095917 0.253573 -98.969 0.000

L28.Temp 1.521433 NAN NAN NAN

L28.Precip. horaria -0.000008 0.000006 -1.385 0.166

L28.Temp. prom aire -0.000001 0.000003 -0.502 0.616

L29.Conduct 0.002145 0.005357 0.400 0.689

L29.Water 20.648100 NAN NAN NAN

L29.Temp -1.789584 NAN NAN NAN

L29.Precip. horaria 0.000002 0.000006 0.303 0.762

L29.Temp. prom aire -0.000001 0.000003 -0.460 0.645

L30.Conduct 0.000058 0.005417 0.011 0.991

L30.Water -14.562876 0.315600 -46.144 0.000

L30.Temp 2.134417 NAN NAN NAN

L30.Precip. horaria 0.000008 0.000006 1.360 0.174

L30.Temp. prom aire -0.000001 0.000003 -0.434 0.664

L31.Conduct -0.002527 0.005363 -0.471 0.637

L31.Water 10.174029 0.221109 46.014 0.000

L31.Temp -1.656707 NAN NAN NAN

L31.Precip. horaria 0.000007 0.000006 1.140 0.254

L31.Temp. prom aire 0.000002 0.000003 0.595 0.552

L32.Conduct 0.002287 0.005408 0.423 0.672

L32.Water -6.852834 NAN NAN NAN

L32.Temp 0.400935 0.107428 3.732 0.000

L32.Precip. horaria -0.000004 0.000006 -0.608 0.544

L32.Temp. prom aire -0.000000 0.000003 -0.093 0.926

L33.Conduct -0.003160 0.005420 -0.583 0.560

L33.Water 3.619424 NAN NAN NAN

L33.Temp 0.426891 0.426746 1.000 0.317

L33.Precip. horaria 0.000007 0.000006 1.159 0.246

L33.Temp. prom aire -0.000001 0.000003 -0.270 0.787

L34.Conduct 0.000292 0.005428 0.054 0.957

L34.Water -0.956739 0.296447 -3.227 0.001

L34.Temp -0.378769 0.395256 -0.958 0.338

L34.Precip. horaria 0.000003 0.000006 0.588 0.557

L34.Temp. prom aire 0.000002 0.000003 0.783 0.433

L35.Conduct 0.005931 0.005465 1.085 0.278

L35.Water -0.078208 0.566994 -0.138 0.890

L35.Temp 0.175975 NAN NAN NAN

L35.Precip. horaria 0.000000 0.000006 0.055 0.957

L35.Temp. prom aire -0.000001 0.000003 -0.326 0.745

L36.Conduct -0.009295 0.005417 -1.716 0.086

L36.Water -0.484242 0.215186 -2.250 0.024

L36.Temp -0.333566 NAN NAN NAN

L36.Precip. horaria 0.000007 0.000006 1.165 0.244

L36.Temp. prom aire -0.000000 0.000003 -0.167 0.867

L37.Conduct 0.006552 0.005410 1.211 0.226

L37.Water 1.482790 NAN NAN NAN

L37.Temp 0.622795 0.129309 4.816 0.000

L37.Precip. horaria -0.000003 0.000006 -0.539 0.590

L37.Temp. prom aire 0.000000 0.000003 0.155 0.877

L38.Conduct -0.004168 0.005421 -0.769 0.442

L38.Water -2.170273 NAN NAN NAN

L38.Temp -0.991677 NAN NAN NAN

L38.Precip. horaria 0.000005 0.000006 0.866 0.386

L38.Temp. prom aire 0.000000 0.000003 0.020 0.984

L39.Conduct 0.002606 0.005435 0.480 0.632

L39.Water 2.415308 NAN NAN NAN

L39.Temp 1.602067 NAN NAN NAN

L39.Precip. horaria -0.000006 0.000006 -0.936 0.349

L39.Temp. prom aire 0.000000 0.000003 0.149 0.882

L40.Conduct 0.000930 0.005425 0.171 0.864

L40.Water -1.530385 NAN NAN NAN

L40.Temp -2.257247 NAN NAN NAN

L40.Precip. horaria 0.000002 0.000006 0.312 0.755

L40.Temp. prom aire -0.000001 0.000003 -0.352 0.725

L41.Conduct -0.002074 0.005434 -0.382 0.703

L41.Water -0.846250 NAN NAN NAN

L41.Temp 2.507542 NAN NAN NAN

L41.Precip. horaria -0.000003 0.000006 -0.508 0.612

L41.Temp. prom aire -0.000000 0.000003 -0.098 0.922

L42.Conduct -0.001122 0.005478 -0.205 0.838

L42.Water 3.345662 0.088672 37.731 0.000

L42.Temp -2.041777 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000006 -0.210 0.834

L42.Temp. prom aire 0.000001 0.000003 0.277 0.782

L43.Conduct -0.001052 0.005468 -0.192 0.847

L43.Water -4.469492 0.116671 -38.308 0.000

L43.Temp 1.019233 NAN NAN NAN

L43.Precip. horaria 0.000004 0.000006 0.667 0.505

L43.Temp. prom aire -0.000001 0.000003 -0.485 0.628

L44.Conduct -0.002411 0.005457 -0.442 0.659

L44.Water 4.107263 NAN NAN NAN

L44.Temp 0.056414 NAN NAN NAN

L44.Precip. horaria -0.000003 0.000006 -0.438 0.662

L44.Temp. prom aire 0.000000 0.000003 0.049 0.961

L45.Conduct 0.013370 0.005459 2.449 0.014

L45.Water -2.763233 NAN NAN NAN

L45.Temp -0.726858 NAN NAN NAN

L45.Precip. horaria 0.000003 0.000006 0.446 0.656

L45.Temp. prom aire -0.000001 0.000003 -0.521 0.602

L46.Conduct 0.002665 0.005405 0.493 0.622

L46.Water 1.194961 NAN NAN NAN

L46.Temp 0.767900 NAN NAN NAN

L46.Precip. horaria -0.000001 0.000006 -0.213 0.832

L46.Temp. prom aire 0.000002 0.000003 0.812 0.417

L47.Conduct -0.020326 0.004224 -4.812 0.000

L47.Water -0.251660 NAN NAN NAN

L47.Temp -0.393340 NAN NAN NAN

L47.Precip. horaria -0.000006 0.000006 -1.092 0.275

L47.Temp. prom aire 0.000000 0.000003 0.154 0.878

L48.Conduct 0.009513 0.001427 6.665 0.000

L48.Water 0.009561 NAN NAN NAN

L48.Temp 0.082719 NAN NAN NAN

L48.Precip. horaria -0.000005 0.000005 -0.930 0.353

L48.Temp. prom aire 0.000000 0.000001 0.217 0.828

=============================================================

Results for equation Water

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coefficient std. error t-stat prob

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const -0.000000 0.000001 -0.180 0.857

L1.Conduct 0.032439 0.001702 19.057 0.000

L1.Water 5.567177 NAN NAN NAN

L1.Temp -0.011940 0.000708 -16.866 0.000

L1.Precip. horaria 0.000001 0.000001 1.143 0.253

L1.Temp. prom aire -0.000000 0.000000 -1.421 0.155

L2.Conduct -0.139210 0.008452 -16.470 0.000

L2.Water -13.698824 NAN NAN NAN

L2.Temp 0.055583 0.003292 16.886 0.000

L2.Precip. horaria 0.000000 0.000001 0.742 0.458

L2.Temp. prom aire 0.000000 0.000000 1.685 0.092

L3.Conduct 0.244792 0.019336 12.660 0.000

L3.Water 20.036483 NAN NAN NAN

L3.Temp -0.105307 0.007074 -14.887 0.000

L3.Precip. horaria -0.000001 0.000001 -1.149 0.251

L3.Temp. prom aire -0.000000 0.000000 -0.976 0.329

L4.Conduct -0.225282 0.026644 -8.455 0.000

L4.Water -20.236704 0.041215 -491.001 0.000

L4.Temp 0.104574 0.009212 11.352 0.000

L4.Precip. horaria -0.000000 0.000001 -0.027 0.978

L4.Temp. prom aire 0.000000 0.000000 0.399 0.690

L5.Conduct 0.108782 0.024226 4.490 0.000

L5.Water 16.064970 0.038950 412.448 0.000

L5.Temp -0.062068 0.008132 -7.633 0.000

L5.Precip. horaria 0.000001 0.000001 1.005 0.315

L5.Temp. prom aire 0.000000 0.000000 0.643 0.520

L6.Conduct -0.016842 0.018219 -0.924 0.355

L6.Water -11.189734 NAN NAN NAN

L6.Temp 0.030167 0.006417 4.701 0.000

L6.Precip. horaria -0.000000 0.000001 -0.172 0.863

L6.Temp. prom aire -0.000000 0.000000 -1.540 0.123

L7.Conduct 0.001040 0.019455 0.053 0.957

L7.Water 7.034780 0.011995 586.458 0.000

L7.Temp -0.021266 0.006899 -3.083 0.002

L7.Precip. horaria -0.000000 0.000001 -0.328 0.743

L7.Temp. prom aire 0.000000 0.000000 1.429 0.153

L8.Conduct -0.028900 0.024474 -1.181 0.238

L8.Water -3.697804 NAN NAN NAN

L8.Temp 0.023128 0.008565 2.700 0.007

L8.Precip. horaria -0.000001 0.000001 -1.562 0.118

L8.Temp. prom aire -0.000000 0.000000 -0.809 0.418

L9.Conduct 0.056240 0.031096 1.809 0.071

L9.Water 1.321135 0.016866 78.330 0.000

L9.Temp -0.026320 0.010936 -2.407 0.016

L9.Precip. horaria 0.000001 0.000001 1.622 0.105

L9.Temp. prom aire 0.000000 0.000000 1.219 0.223

L10.Conduct -0.067121 0.038386 -1.749 0.080

L10.Water -0.058756 NAN NAN NAN

L10.Temp 0.024345 0.013431 1.813 0.070

L10.Precip. horaria -0.000001 0.000001 -2.077 0.038

L10.Temp. prom aire -0.000000 0.000000 -1.731 0.083

L11.Conduct 0.061307 0.042802 1.432 0.152

L11.Water -0.218660 0.033606 -6.507 0.000

L11.Temp -0.019503 0.014718 -1.325 0.185

L11.Precip. horaria 0.000001 0.000001 1.044 0.296

L11.Temp. prom aire 0.000000 0.000000 0.676 0.499

L12.Conduct -0.049857 0.042128 -1.183 0.237

L12.Water -0.040095 0.062747 -0.639 0.523

L12.Temp 0.015871 0.014313 1.109 0.267

L12.Precip. horaria -0.000001 0.000001 -1.379 0.168

L12.Temp. prom aire 0.000000 0.000000 0.810 0.418

L13.Conduct 0.044712 0.038006 1.176 0.239

L13.Water 0.403129 0.056727 7.106 0.000

L13.Temp -0.014402 0.012926 -1.114 0.265

L13.Precip. horaria 0.000001 0.000001 0.919 0.358

L13.Temp. prom aire -0.000001 0.000000 -2.143 0.032

L14.Conduct -0.041456 0.032773 -1.265 0.206

L14.Water -0.652909 0.059207 -11.028 0.000

L14.Temp 0.014695 0.011212 1.311 0.190

L14.Precip. horaria -0.000001 0.000001 -1.500 0.134

L14.Temp. prom aire 0.000001 0.000000 1.911 0.056

L15.Conduct 0.034441 0.027649 1.246 0.213

L15.Water 0.514633 0.058128 8.854 0.000

L15.Temp -0.015708 0.009536 -1.647 0.100

L15.Precip. horaria 0.000001 0.000001 1.564 0.118

L15.Temp. prom aire 0.000000 0.000000 0.174 0.862

L16.Conduct -0.025158 0.023788 -1.058 0.290

L16.Water 0.204957 0.040938 5.006 0.000

L16.Temp 0.012740 0.008243 1.545 0.122

L16.Precip. horaria -0.000000 0.000001 -0.011 0.991

L16.Temp. prom aire -0.000000 0.000000 -1.530 0.126

L17.Conduct 0.008095 0.022776 0.355 0.722

L17.Water -1.045889 0.017537 -59.639 0.000

L17.Temp -0.002086 0.008005 -0.261 0.794

L17.Precip. horaria 0.000000 0.000001 0.395 0.693

L17.Temp. prom aire 0.000001 0.000000 2.089 0.037

L18.Conduct 0.024723 0.025843 0.957 0.339

L18.Water 1.300002 0.047925 27.126 0.000

L18.Temp -0.012069 0.009086 -1.328 0.184

L18.Precip. horaria 0.000001 0.000001 0.892 0.373

L18.Temp. prom aire -0.000001 0.000000 -2.135 0.033

L19.Conduct -0.065544 0.029534 -2.219 0.026

L19.Water -0.894778 0.047042 -19.021 0.000

L19.Temp 0.026383 0.010182 2.591 0.010

L19.Precip. horaria -0.000000 0.000001 -0.614 0.539

L19.Temp. prom aire 0.000000 0.000000 1.524 0.127

L20.Conduct 0.096926 0.030459 3.182 0.001

L20.Water 0.253433 NAN NAN NAN

L20.Temp -0.035940 0.010341 -3.475 0.001

L20.Precip. horaria 0.000000 0.000001 0.028 0.978

L20.Temp. prom aire -0.000000 0.000000 -0.748 0.454

L21.Conduct -0.113703 0.028178 -4.035 0.000

L21.Water 0.327581 NAN NAN NAN

L21.Temp 0.041410 0.009637 4.297 0.000

L21.Precip. horaria 0.000001 0.000001 2.102 0.036

L21.Temp. prom aire -0.000000 0.000000 -0.351 0.725

L22.Conduct 0.113584 0.023457 4.842 0.000

L22.Water -1.149637 0.046464 -24.743 0.000

L22.Temp -0.045326 0.008133 -5.573 0.000

L22.Precip. horaria 0.000000 0.000001 0.394 0.693

L22.Temp. prom aire 0.000000 0.000000 1.430 0.153

L23.Conduct -0.079401 0.017431 -4.555 0.000

L23.Water 2.599116 NAN NAN NAN

L23.Temp 0.009388 0.007487 1.254 0.210

L23.Precip. horaria -0.000000 0.000001 -0.755 0.450

L23.Temp. prom aire -0.000000 0.000000 -1.758 0.079

L24.Conduct 0.025133 0.010111 2.486 0.013

L24.Water -4.219513 NAN NAN NAN

L24.Temp 0.079402 NAN NAN NAN

L24.Precip. horaria -0.000001 0.000001 -0.955 0.340

L24.Temp. prom aire 0.000000 0.000000 1.328 0.184

L25.Conduct 0.001332 0.003130 0.426 0.670

L25.Water 5.928923 0.028750 206.222 0.000

L25.Temp -0.114115 NAN NAN NAN

L25.Precip. horaria -0.000001 0.000001 -1.526 0.127

L25.Temp. prom aire -0.000000 0.000000 -0.329 0.742

L26.Conduct 0.000516 0.000565 0.914 0.361

L26.Water -8.318846 NAN NAN NAN

L26.Temp 0.005156 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000001 -2.533 0.011

L26.Temp. prom aire -0.000000 0.000000 -0.551 0.581

L27.Conduct -0.001923 0.000579 -3.323 0.001

L27.Water 10.318604 0.019754 522.342 0.000

L27.Temp 0.168166 NAN NAN NAN

L27.Precip. horaria 0.000004 0.000001 6.593 0.000

L27.Temp. prom aire 0.000000 0.000000 0.170 0.865

L28.Conduct 0.000442 0.000572 0.773 0.439

L28.Water -10.082135 0.026740 -377.048 0.000

L28.Temp -0.260980 NAN NAN NAN

L28.Precip. horaria -0.000003 0.000001 -4.141 0.000

L28.Temp. prom aire 0.000000 0.000000 0.015 0.988

L29.Conduct 0.000148 0.000565 0.263 0.793

L29.Water 7.947268 NAN NAN NAN

L29.Temp 0.215955 NAN NAN NAN

L29.Precip. horaria -0.000001 0.000001 -1.854 0.064

L29.Temp. prom aire -0.000000 0.000000 -0.596 0.551

L30.Conduct -0.000022 0.000571 -0.039 0.969

L30.Water -5.587924 0.033280 -167.904 0.000

L30.Temp -0.088461 NAN NAN NAN

L30.Precip. horaria -0.000000 0.000001 -0.213 0.832

L30.Temp. prom aire 0.000000 0.000000 0.399 0.690

L31.Conduct -0.000477 0.000566 -0.843 0.399

L31.Water 3.765970 0.023316 161.517 0.000

L31.Temp -0.021645 NAN NAN NAN

L31.Precip. horaria 0.000002 0.000001 3.069 0.002

L31.Temp. prom aire 0.000000 0.000000 0.543 0.587

L32.Conduct 0.000642 0.000570 1.126 0.260

L32.Water -2.328262 NAN NAN NAN

L32.Temp 0.053581 0.011328 4.730 0.000

L32.Precip. horaria -0.000002 0.000001 -2.424 0.015

L32.Temp. prom aire -0.000000 0.000000 -0.369 0.712

L33.Conduct -0.000691 0.000572 -1.209 0.227

L33.Water 1.095869 NAN NAN NAN

L33.Temp -0.004885 0.045001 -0.109 0.914

L33.Precip. horaria -0.000000 0.000001 -0.423 0.672

L33.Temp. prom aire -0.000000 0.000000 -0.549 0.583

L34.Conduct -0.000220 0.000572 -0.385 0.700

L34.Water -0.215140 0.031261 -6.882 0.000

L34.Temp -0.077608 0.041680 -1.862 0.063

L34.Precip. horaria 0.000001 0.000001 1.179 0.239

L34.Temp. prom aire 0.000000 0.000000 0.720 0.472

L35.Conduct 0.000936 0.000576 1.624 0.104

L35.Water -0.059887 0.059790 -1.002 0.317

L35.Temp 0.126387 NAN NAN NAN

L35.Precip. horaria -0.000002 0.000001 -2.445 0.014

L35.Temp. prom aire 0.000000 0.000000 0.292 0.771

L36.Conduct -0.000811 0.000571 -1.419 0.156

L36.Water -0.165134 0.022692 -7.277 0.000

L36.Temp -0.128667 NAN NAN NAN

L36.Precip. horaria 0.000001 0.000001 1.080 0.280

L36.Temp. prom aire -0.000000 0.000000 -0.886 0.375

L37.Conduct 0.000971 0.000571 1.701 0.089

L37.Water 0.475426 NAN NAN NAN

L37.Temp 0.115578 0.013636 8.476 0.000

L37.Precip. horaria -0.000003 0.000001 -4.527 0.000

L37.Temp. prom aire 0.000000 0.000000 0.988 0.323

L38.Conduct -0.000773 0.000572 -1.352 0.176

L38.Water -0.627659 NAN NAN NAN

L38.Temp -0.060547 NAN NAN NAN

L38.Precip. horaria 0.000001 0.000001 2.280 0.023

L38.Temp. prom aire -0.000000 0.000000 -1.199 0.231

L39.Conduct -0.000520 0.000573 -0.907 0.364

L39.Water 0.496494 NAN NAN NAN

L39.Temp -0.071562 NAN NAN NAN

L39.Precip. horaria -0.000002 0.000001 -2.500 0.012

L39.Temp. prom aire 0.000000 0.000000 1.703 0.089

L40.Conduct 0.001006 0.000572 1.758 0.079

L40.Water 0.088946 NAN NAN NAN

L40.Temp 0.190898 NAN NAN NAN

L40.Precip. horaria 0.000000 0.000001 0.348 0.728

L40.Temp. prom aire -0.000000 0.000000 -1.468 0.142

L41.Conduct 0.000191 0.000573 0.333 0.739

L41.Water -0.926136 NAN NAN NAN

L41.Temp -0.183830 NAN NAN NAN

L41.Precip. horaria -0.000001 0.000001 -2.301 0.021

L41.Temp. prom aire -0.000000 0.000000 -0.065 0.948

L42.Conduct -0.000303 0.000578 -0.524 0.600

L42.Water 1.473824 0.009351 157.618 0.000

L42.Temp 0.080146 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000001 -1.383 0.167

L42.Temp. prom aire 0.000000 0.000000 0.624 0.533

L43.Conduct 0.000821 0.000577 1.424 0.154

L43.Water -1.484952 0.012303 -120.697 0.000

L43.Temp 0.021025 NAN NAN NAN

L43.Precip. horaria 0.000002 0.000001 3.172 0.002

L43.Temp. prom aire -0.000000 0.000000 -0.387 0.699

L44.Conduct -0.003361 0.000575 -5.840 0.000

L44.Water 1.053425 NAN NAN NAN

L44.Temp -0.067749 NAN NAN NAN

L44.Precip. horaria -0.000000 0.000001 -0.481 0.631

L44.Temp. prom aire 0.000000 0.000000 0.800 0.424

L45.Conduct 0.003807 0.000576 6.614 0.000

L45.Water -0.435752 NAN NAN NAN

L45.Temp 0.055997 NAN NAN NAN

L45.Precip. horaria 0.000001 0.000001 2.363 0.018

L45.Temp. prom aire -0.000000 0.000000 -0.681 0.496

L46.Conduct -0.002316 0.000570 -4.063 0.000

L46.Water 0.022189 NAN NAN NAN

L46.Temp -0.020431 NAN NAN NAN

L46.Precip. horaria 0.000000 0.000001 0.081 0.936

L46.Temp. prom aire -0.000000 0.000000 -0.451 0.652

L47.Conduct 0.001295 0.000445 2.907 0.004

L47.Water 0.055927 NAN NAN NAN

L47.Temp 0.000896 NAN NAN NAN

L47.Precip. horaria -0.000001 0.000001 -0.822 0.411

L47.Temp. prom aire 0.000000 0.000000 1.364 0.173

L48.Conduct -0.000430 0.000151 -2.858 0.004

L48.Water -0.015131 NAN NAN NAN

L48.Temp 0.000944 NAN NAN NAN

L48.Precip. horaria -0.000001 0.000001 -1.019 0.308

L48.Temp. prom aire -0.000000 0.000000 -1.041 0.298

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000062 0.000034 1.835 0.067

L1.Conduct -1.198095 0.040829 -29.344 0.000

L1.Water 6.011082 NAN NAN NAN

L1.Temp 3.514628 0.016981 206.978 0.000

L1.Precip. horaria 0.000002 0.000013 0.121 0.904

L1.Temp. prom aire -0.000005 0.000004 -1.385 0.166

L2.Conduct 4.855819 0.202741 23.951 0.000

L2.Water -28.488837 NAN NAN NAN

L2.Temp -4.578950 0.078959 -57.992 0.000

L2.Precip. horaria -0.000003 0.000015 -0.183 0.855

L2.Temp. prom aire -0.000003 0.000006 -0.502 0.616

L3.Conduct -7.937273 0.463796 -17.114 0.000

L3.Water 57.456435 NAN NAN NAN

L3.Temp 3.095961 0.169678 18.246 0.000

L3.Precip. horaria 0.000001 0.000015 0.055 0.956

L3.Temp. prom aire 0.000006 0.000007 0.898 0.369

L4.Conduct 6.987806 0.639103 10.934 0.000

L4.Water -66.954680 0.988614 -67.726 0.000

L4.Temp -1.978912 0.220960 -8.956 0.000

L4.Precip. horaria 0.000009 0.000015 0.609 0.542

L4.Temp. prom aire 0.000008 0.000007 1.252 0.211

L5.Conduct -3.910042 0.581090 -6.729 0.000

L5.Water 54.588032 0.934287 58.427 0.000

L5.Temp 1.322829 0.195060 6.782 0.000

L5.Precip. horaria 0.000006 0.000015 0.424 0.672

L5.Temp. prom aire -0.000002 0.000007 -0.336 0.737

L6.Conduct 1.414999 0.437016 3.238 0.001

L6.Water -37.410579 NAN NAN NAN

L6.Temp -0.310395 0.153911 -2.017 0.044

L6.Precip. horaria -0.000001 0.000015 -0.068 0.946

L6.Temp. prom aire 0.000008 0.000007 1.190 0.234

L7.Conduct -0.257046 0.466666 -0.551 0.582

L7.Water 23.603405 0.287728 82.034 0.000

L7.Temp 0.013666 0.165474 0.083 0.934

L7.Precip. horaria -0.000001 0.000015 -0.085 0.932

L7.Temp. prom aire -0.000010 0.000007 -1.429 0.153

L8.Conduct 0.760950 0.587043 1.296 0.195

L8.Water -13.963140 NAN NAN NAN

L8.Temp -0.284205 0.205452 -1.383 0.167

L8.Precip. horaria -0.000001 0.000015 -0.037 0.970

L8.Temp. prom aire 0.000006 0.000007 0.909 0.363

L9.Conduct -1.992834 0.745887 -2.672 0.008

L9.Water 8.368320 0.404566 20.685 0.000

L9.Temp 0.643576 0.262315 2.453 0.014

L9.Precip. horaria 0.000005 0.000015 0.345 0.730

L9.Temp. prom aire -0.000005 0.000007 -0.714 0.475

L10.Conduct 2.534087 0.920754 2.752 0.006

L10.Water -4.936818 NAN NAN NAN

L10.Temp -0.870941 0.322154 -2.703 0.007

L10.Precip. horaria -0.000003 0.000015 -0.203 0.839

L10.Temp. prom aire -0.000001 0.000007 -0.173 0.863

L11.Conduct -2.075378 1.026679 -2.021 0.043

L11.Water 2.279971 0.806091 2.828 0.005

L11.Temp 0.673195 0.353029 1.907 0.057

L11.Precip. horaria 0.000001 0.000015 0.053 0.958

L11.Temp. prom aire 0.000006 0.000007 0.868 0.385

L12.Conduct 0.941916 1.010505 0.932 0.351

L12.Water -0.143085 1.505089 -0.095 0.924

L12.Temp -0.286632 0.343321 -0.835 0.404

L12.Precip. horaria -0.000004 0.000015 -0.242 0.809

L12.Temp. prom aire -0.000008 0.000007 -1.167 0.243

L13.Conduct 0.385173 0.911628 0.423 0.673

L13.Water -1.343504 1.360697 -0.987 0.323

L13.Temp -0.142128 0.310047 -0.458 0.647

L13.Precip. horaria 0.000004 0.000015 0.237 0.813

L13.Temp. prom aire 0.000007 0.000007 1.106 0.269

L14.Conduct -1.143134 0.786106 -1.454 0.146

L14.Water 1.112224 1.420167 0.783 0.434

L14.Temp 0.390563 0.268936 1.452 0.146

L14.Precip. horaria -0.000001 0.000015 -0.055 0.956

L14.Temp. prom aire -0.000004 0.000007 -0.583 0.560

L15.Conduct 1.011795 0.663203 1.526 0.127

L15.Water 0.877317 1.394285 0.629 0.529

L15.Temp -0.322724 0.228739 -1.411 0.158

L15.Precip. horaria 0.000007 0.000015 0.438 0.661

L15.Temp. prom aire -0.000001 0.000007 -0.099 0.921

L16.Conduct -0.631847 0.570604 -1.107 0.268

L16.Water -1.638262 0.981974 -1.668 0.095

L16.Temp 0.225424 0.197730 1.140 0.254

L16.Precip. horaria -0.000002 0.000015 -0.115 0.908

L16.Temp. prom aire 0.000001 0.000007 0.182 0.856

L17.Conduct 0.495430 0.546313 0.907 0.364

L17.Water -0.512965 0.420650 -1.219 0.223

L17.Temp -0.173127 0.192008 -0.902 0.367

L17.Precip. horaria -0.000000 0.000015 -0.032 0.975

L17.Temp. prom aire 0.000001 0.000007 0.135 0.892

L18.Conduct -0.393521 0.619887 -0.635 0.526

L18.Water 2.741148 1.149563 2.385 0.017

L18.Temp 0.119644 0.217939 0.549 0.583

L18.Precip. horaria -0.000001 0.000015 -0.099 0.921

L18.Temp. prom aire -0.000001 0.000007 -0.166 0.868

L19.Conduct 0.241018 0.708432 0.340 0.734

L19.Water -2.930400 1.128384 -2.597 0.009

L19.Temp -0.084881 0.244230 -0.348 0.728

L19.Precip. horaria -0.000005 0.000015 -0.361 0.718

L19.Temp. prom aire 0.000003 0.000007 0.376 0.707

L20.Conduct -0.224680 0.730617 -0.308 0.758

L20.Water 2.286093 NAN NAN NAN

L20.Temp 0.068863 0.248050 0.278 0.781

L20.Precip. horaria 0.000005 0.000015 0.353 0.724

L20.Temp. prom aire 0.000002 0.000007 0.276 0.782

L21.Conduct 0.443646 0.675906 0.656 0.512

L21.Water -2.022338 NAN NAN NAN

L21.Temp -0.158099 0.231165 -0.684 0.494

L21.Precip. horaria -0.000003 0.000015 -0.174 0.862

L21.Temp. prom aire 0.000002 0.000007 0.251 0.802

L22.Conduct -0.674999 0.562659 -1.200 0.230

L22.Water 2.616670 1.114504 2.348 0.019

L22.Temp 0.245040 0.195082 1.256 0.209

L22.Precip. horaria -0.000008 0.000015 -0.511 0.610

L22.Temp. prom aire -0.000002 0.000007 -0.311 0.756

L23.Conduct 0.297264 0.418101 0.711 0.477

L23.Water -2.687442 NAN NAN NAN

L23.Temp 0.240600 0.179589 1.340 0.180

L23.Precip. horaria -0.000006 0.000015 -0.429 0.668

L23.Temp. prom aire -0.000001 0.000007 -0.119 0.905

L24.Conduct 0.367385 0.242520 1.515 0.130

L24.Water 0.957833 NAN NAN NAN

L24.Temp -2.595188 NAN NAN NAN

L24.Precip. horaria 0.000005 0.000015 0.301 0.763

L24.Temp. prom aire 0.000000 0.000007 0.036 0.971

L25.Conduct -0.322417 0.075069 -4.295 0.000

L25.Water 1.443516 0.689619 2.093 0.036

L25.Temp 6.101680 NAN NAN NAN

L25.Precip. horaria 0.000008 0.000015 0.513 0.608

L25.Temp. prom aire 0.000002 0.000007 0.300 0.764

L26.Conduct -0.007897 0.013546 -0.583 0.560

L26.Water -7.022148 NAN NAN NAN

L26.Temp -6.144219 NAN NAN NAN

L26.Precip. horaria 0.000008 0.000015 0.519 0.604

L26.Temp. prom aire -0.000000 0.000007 -0.038 0.970

L27.Conduct 0.018675 0.013881 1.345 0.179

L27.Water 16.739065 0.473844 35.326 0.000

L27.Temp 2.091553 NAN NAN NAN

L27.Precip. horaria 0.000007 0.000015 0.437 0.662

L27.Temp. prom aire -0.000005 0.000007 -0.776 0.438

L28.Conduct -0.002158 0.013714 -0.157 0.875

L28.Water -22.528071 0.641395 -35.124 0.000

L28.Temp 1.068067 NAN NAN NAN

L28.Precip. horaria -0.000006 0.000015 -0.403 0.687

L28.Temp. prom aire -0.000003 0.000007 -0.466 0.641

L29.Conduct 0.011615 0.013549 0.857 0.391

L29.Water 20.376113 NAN NAN NAN

L29.Temp -2.294921 NAN NAN NAN

L29.Precip. horaria 0.000004 0.000015 0.247 0.805

L29.Temp. prom aire -0.000002 0.000007 -0.268 0.789

L30.Conduct 0.007025 0.013701 0.513 0.608

L30.Water -15.745328 0.798286 -19.724 0.000

L30.Temp 3.004629 NAN NAN NAN

L30.Precip. horaria 0.000009 0.000015 0.611 0.541

L30.Temp. prom aire -0.000005 0.000007 -0.692 0.489

L31.Conduct -0.006781 0.013566 -0.500 0.617

L31.Water 12.165106 0.559278 21.751 0.000

L31.Temp -2.239490 NAN NAN NAN

L31.Precip. horaria 0.000009 0.000015 0.611 0.541

L31.Temp. prom aire 0.000004 0.000007 0.522 0.601

L32.Conduct 0.004044 0.013680 0.296 0.768

L32.Water -8.680807 NAN NAN NAN

L32.Temp 0.334581 0.271732 1.231 0.218

L32.Precip. horaria -0.000007 0.000015 -0.463 0.643

L32.Temp. prom aire 0.000002 0.000007 0.294 0.769

L33.Conduct 0.002240 0.013709 0.163 0.870

L33.Water 4.788787 NAN NAN NAN

L33.Temp 1.032182 1.079424 0.956 0.339

L33.Precip. horaria 0.000003 0.000015 0.190 0.850

L33.Temp. prom aire -0.000003 0.000007 -0.502 0.616

L34.Conduct -0.004032 0.013730 -0.294 0.769

L34.Water -1.243797 0.749840 -1.659 0.097

L34.Temp -1.705224 0.999770 -1.706 0.088

L34.Precip. horaria 0.000014 0.000015 0.933 0.351

L34.Temp. prom aire 0.000008 0.000007 1.187 0.235

L35.Conduct 0.004708 0.013823 0.341 0.733

L35.Water -0.869279 1.434170 -0.606 0.544

L35.Temp 2.294873 NAN NAN NAN

L35.Precip. horaria -0.000000 0.000015 -0.007 0.994

L35.Temp. prom aire -0.000007 0.000007 -0.971 0.331

L36.Conduct -0.001112 0.013703 -0.081 0.935

L36.Water 0.925070 0.544297 1.700 0.089

L36.Temp -2.637139 NAN NAN NAN

L36.Precip. horaria 0.000009 0.000015 0.629 0.529

L36.Temp. prom aire 0.000004 0.000007 0.532 0.595

L37.Conduct -0.008315 0.013685 -0.608 0.543

L37.Water 0.340287 NAN NAN NAN

L37.Temp 2.565110 0.327077 7.843 0.000

L37.Precip. horaria 0.000004 0.000015 0.255 0.799

L37.Temp. prom aire -0.000001 0.000007 -0.148 0.883

L38.Conduct 0.004674 0.013712 0.341 0.733

L38.Water -1.645269 NAN NAN NAN

L38.Temp -2.984807 NAN NAN NAN

L38.Precip. horaria 0.000009 0.000015 0.619 0.536

L38.Temp. prom aire -0.000001 0.000007 -0.141 0.888

L39.Conduct 0.001840 0.013749 0.134 0.894

L39.Water 2.345080 NAN NAN NAN

L39.Temp 4.207380 NAN NAN NAN

L39.Precip. horaria -0.000001 0.000015 -0.064 0.949

L39.Temp. prom aire 0.000002 0.000007 0.285 0.776

L40.Conduct 0.003461 0.013723 0.252 0.801

L40.Water -1.558088 NAN NAN NAN

L40.Temp -5.102039 NAN NAN NAN

L40.Precip. horaria 0.000003 0.000015 0.198 0.843

L40.Temp. prom aire -0.000003 0.000007 -0.410 0.682

L41.Conduct -0.003900 0.013746 -0.284 0.777

L41.Water -1.245265 NAN NAN NAN

L41.Temp 4.652790 NAN NAN NAN

L41.Precip. horaria -0.000000 0.000015 -0.017 0.986

L41.Temp. prom aire -0.000000 0.000007 -0.055 0.956

L42.Conduct 0.000562 0.013857 0.041 0.968

L42.Water 4.196354 0.224289 18.710 0.000

L42.Temp -2.954990 NAN NAN NAN

L42.Precip. horaria 0.000006 0.000015 0.426 0.670

L42.Temp. prom aire 0.000000 0.000007 0.035 0.972

L43.Conduct -0.007981 0.013832 -0.577 0.564

L43.Water -5.431417 0.295111 -18.405 0.000

L43.Temp 1.039969 NAN NAN NAN

L43.Precip. horaria 0.000003 0.000015 0.196 0.845

L43.Temp. prom aire -0.000002 0.000007 -0.290 0.772

L44.Conduct -0.001163 0.013804 -0.084 0.933

L44.Water 5.377394 NAN NAN NAN

L44.Temp 0.352731 NAN NAN NAN

L44.Precip. horaria -0.000008 0.000015 -0.533 0.594

L44.Temp. prom aire -0.000001 0.000007 -0.219 0.826

L45.Conduct 0.017047 0.013807 1.235 0.217

L45.Water -4.241430 NAN NAN NAN

L45.Temp -1.246822 NAN NAN NAN

L45.Precip. horaria -0.000002 0.000015 -0.142 0.887

L45.Temp. prom aire -0.000000 0.000007 -0.069 0.945

L46.Conduct 0.005000 0.013671 0.366 0.715

L46.Water 2.069164 NAN NAN NAN

L46.Temp 1.439894 NAN NAN NAN

L46.Precip. horaria -0.000008 0.000015 -0.543 0.587

L46.Temp. prom aire 0.000001 0.000007 0.198 0.843

L47.Conduct -0.022493 0.010684 -2.105 0.035

L47.Water -0.404034 NAN NAN NAN

L47.Temp -0.841277 NAN NAN NAN

L47.Precip. horaria -0.000002 0.000015 -0.151 0.880

L47.Temp. prom aire 0.000006 0.000006 0.991 0.322

L48.Conduct 0.008918 0.003610 2.470 0.014

L48.Water -0.017486 NAN NAN NAN

L48.Temp 0.197680 NAN NAN NAN

L48.Precip. horaria -0.000007 0.000013 -0.504 0.615

L48.Temp. prom aire -0.000001 0.000004 -0.324 0.746

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.046932 0.024295 -1.932 0.053

L1.Conduct 3.074620 29.467961 0.104 0.917

L1.Water 42.505982 NAN NAN NAN

L1.Temp 0.283827 12.255506 0.023 0.982

L1.Precip. horaria 0.573048 0.009353 61.271 0.000

L1.Temp. prom aire -0.001881 0.002658 -0.708 0.479

L2.Conduct -20.232793 146.324401 -0.138 0.890

L2.Water -379.419006 NAN NAN NAN

L2.Temp 2.106395 56.986908 0.037 0.971

L2.Precip. horaria 0.146055 0.010766 13.566 0.000

L2.Temp. prom aire 0.007801 0.004630 1.685 0.092

L3.Conduct 29.811321 334.736719 0.089 0.929

L3.Water 1276.250151 NAN NAN NAN

L3.Temp -4.788331 122.462340 -0.039 0.969

L3.Precip. horaria 0.011606 0.010853 1.069 0.285

L3.Temp. prom aire -0.005389 0.004879 -1.105 0.269

L4.Conduct 45.977284 461.261418 0.100 0.921

L4.Water -2370.992328 713.514602 -3.323 0.001

L4.Temp -17.527787 159.473685 -0.110 0.912

L4.Precip. horaria -0.027880 0.010851 -2.569 0.010

L4.Temp. prom aire 0.002533 0.004883 0.519 0.604

L5.Conduct -195.686462 419.391755 -0.467 0.641

L5.Water 2944.553431 674.305377 4.367 0.000

L5.Temp 62.946622 140.780922 0.447 0.655

L5.Precip. horaria -0.001746 0.010859 -0.161 0.872

L5.Temp. prom aire -0.004431 0.004882 -0.908 0.364

L6.Conduct 276.750287 315.408402 0.877 0.380

L6.Water -2699.816337 NAN NAN NAN

L6.Temp -86.194477 111.082336 -0.776 0.438

L6.Precip. horaria 0.012797 0.010855 1.179 0.238

L6.Temp. prom aire 0.004464 0.004880 0.915 0.360

L7.Conduct -281.475230 336.808028 -0.836 0.403

L7.Water 1905.047190 207.662956 9.174 0.000

L7.Temp 93.118697 119.427616 0.780 0.436

L7.Precip. horaria 0.042586 0.010854 3.924 0.000

L7.Temp. prom aire -0.002955 0.004882 -0.605 0.545

L8.Conduct 352.969766 423.687953 0.833 0.405

L8.Water -1149.881127 NAN NAN NAN

L8.Temp -122.274679 148.281428 -0.825 0.410

L8.Precip. horaria -0.044004 0.010860 -4.052 0.000

L8.Temp. prom aire 0.003755 0.004883 0.769 0.442

L9.Conduct -465.380416 538.330948 -0.864 0.387

L9.Water 384.899427 291.988115 1.318 0.187

L9.Temp 156.468799 189.321334 0.826 0.409

L9.Precip. horaria 0.030111 0.010865 2.771 0.006

L9.Temp. prom aire -0.002278 0.004884 -0.466 0.641

L10.Conduct 432.031440 664.537944 0.650 0.516

L10.Water 1089.475815 NAN NAN NAN

L10.Temp -139.478826 232.508855 -0.600 0.549

L10.Precip. horaria 0.046673 0.010870 4.294 0.000

L10.Temp. prom aire 0.003613 0.004884 0.740 0.459

L11.Conduct -173.944927 740.987278 -0.235 0.814

L11.Water -2719.829772 581.781976 -4.675 0.000

L11.Temp 53.189887 254.792395 0.209 0.835

L11.Precip. horaria -0.009978 0.010878 -0.917 0.359

L11.Temp. prom aire -0.001025 0.004884 -0.210 0.834

L12.Conduct -229.428780 729.313898 -0.315 0.753

L12.Water 2249.753670 1086.271099 2.071 0.038

L12.Temp 66.749171 247.785876 0.269 0.788

L12.Precip. horaria 0.031631 0.010878 2.908 0.004

L12.Temp. prom aire -0.005046 0.004886 -1.033 0.302

L13.Conduct 668.882060 657.951706 1.017 0.309

L13.Water 1789.947203 982.058982 1.823 0.068

L13.Temp -212.412522 223.771287 -0.949 0.342

L13.Precip. horaria -0.002930 0.010882 -0.269 0.788

L13.Temp. prom aire 0.003704 0.004885 0.758 0.448

L14.Conduct -1051.248491 567.358248 -1.853 0.064

L14.Water -7727.581214 1024.980320 -7.539 0.000

L14.Temp 355.209473 194.099469 1.830 0.067

L14.Precip. horaria -0.018541 0.010879 -1.704 0.088

L14.Temp. prom aire 0.003321 0.004882 0.680 0.496

L15.Conduct 1182.679130 478.654828 2.471 0.013

L15.Water 12864.776214 1006.300874 12.784 0.000

L15.Temp -390.560669 165.088131 -2.366 0.018

L15.Precip. horaria 0.016109 0.010880 1.481 0.139

L15.Temp. prom aire -0.004043 0.004883 -0.828 0.408

L16.Conduct -892.228127 411.823533 -2.167 0.030

L16.Water -17123.944916 708.722307 -24.162 0.000

L16.Temp 283.804612 142.708071 1.989 0.047

L16.Precip. horaria -0.027966 0.010881 -2.570 0.010

L16.Temp. prom aire 0.001464 0.004883 0.300 0.764

L17.Conduct 411.134395 394.291451 1.043 0.297

L17.Water 20970.918796 303.596829 69.075 0.000

L17.Temp -144.338728 138.578483 -1.042 0.298

L17.Precip. horaria 0.005895 0.010883 0.542 0.588

L17.Temp. prom aire 0.000635 0.004883 0.130 0.897

L18.Conduct -223.785271 447.392603 -0.500 0.617

L18.Water -22377.468618 829.676869 -26.971 0.000

L18.Temp 111.813809 157.293490 0.711 0.477

L18.Precip. horaria 0.008187 0.010883 0.752 0.452

L18.Temp. prom aire -0.000076 0.004883 -0.016 0.988

L19.Conduct 509.523100 511.297947 0.997 0.319

L19.Water 20524.970479 814.391555 25.203 0.000

L19.Temp -206.172509 176.268494 -1.170 0.242

L19.Precip. horaria -0.012158 0.010882 -1.117 0.264

L19.Temp. prom aire -0.003606 0.004885 -0.738 0.460

L20.Conduct -988.371061 527.309681 -1.874 0.061

L20.Water -18766.767154 NAN NAN NAN

L20.Temp 352.531232 179.025664 1.969 0.049

L20.Precip. horaria -0.012594 0.010883 -1.157 0.247

L20.Temp. prom aire 0.007769 0.004884 1.591 0.112

L21.Conduct 1181.877516 487.823567 2.423 0.015

L21.Water 18404.196034 NAN NAN NAN

L21.Temp -431.776580 166.839223 -2.588 0.010

L21.Precip. horaria -0.014765 0.010880 -1.357 0.175

L21.Temp. prom aire -0.004162 0.004882 -0.853 0.394

L22.Conduct -841.996020 406.088978 -2.073 0.038

L22.Water -15219.289530 804.373295 -18.921 0.000

L22.Temp 326.762985 140.796971 2.321 0.020

L22.Precip. horaria 0.000947 0.010877 0.087 0.931

L22.Temp. prom aire -0.000084 0.004882 -0.017 0.986

L23.Conduct 275.248472 301.757106 0.912 0.362

L23.Water 7659.778732 NAN NAN NAN

L23.Temp -128.298912 129.614832 -0.990 0.322

L23.Precip. horaria 0.038246 0.010878 3.516 0.000

L23.Temp. prom aire -0.001465 0.004882 -0.300 0.764

L24.Conduct 29.092050 175.034267 0.166 0.868

L24.Water 115.580621 NAN NAN NAN

L24.Temp -89.959944 NAN NAN NAN

L24.Precip. horaria -0.016664 0.010877 -1.532 0.126

L24.Temp. prom aire -0.002504 0.004864 -0.515 0.607

L25.Conduct -34.636534 54.179756 -0.639 0.523

L25.Water -5421.671802 497.720327 -10.893 0.000

L25.Temp 483.762514 NAN NAN NAN

L25.Precip. horaria -0.024581 0.010876 -2.260 0.024

L25.Temp. prom aire 0.004640 0.004864 0.954 0.340

L26.Conduct -4.557153 9.776242 -0.466 0.641

L26.Water 8574.370518 NAN NAN NAN

L26.Temp -911.531872 NAN NAN NAN

L26.Precip. horaria 0.012899 0.010880 1.186 0.236

L26.Temp. prom aire 0.000443 0.004884 0.091 0.928

L27.Conduct 4.054630 10.018012 0.405 0.686

L27.Water -9407.690806 341.988296 -27.509 0.000

L27.Temp 1044.151141 NAN NAN NAN

L27.Precip. horaria 0.002382 0.010879 0.219 0.827

L27.Temp. prom aire -0.004812 0.004882 -0.986 0.324

L28.Conduct 1.906200 9.898184 0.193 0.847

L28.Water 8324.969498 462.915387 17.984 0.000

L28.Temp -1050.873468 NAN NAN NAN

L28.Precip. horaria 0.019625 0.010878 1.804 0.071

L28.Temp. prom aire 0.004616 0.004881 0.946 0.344

L29.Conduct -6.095432 9.779066 -0.623 0.533

L29.Water -7529.605430 NAN NAN NAN

L29.Temp 1201.488965 NAN NAN NAN

L29.Precip. horaria -0.015647 0.010878 -1.438 0.150

L29.Temp. prom aire -0.004607 0.004884 -0.943 0.345

L30.Conduct 7.537038 9.888331 0.762 0.446

L30.Water 8445.081233 576.148604 14.658 0.000

L30.Temp -1382.811390 NAN NAN NAN

L30.Precip. horaria -0.005656 0.010879 -0.520 0.603

L30.Temp. prom aire 0.006571 0.004882 1.346 0.178

L31.Conduct -5.806200 9.791124 -0.593 0.553

L31.Water -10243.051883 403.649153 -25.376 0.000

L31.Temp 1472.564214 NAN NAN NAN

L31.Precip. horaria 0.008898 0.010882 0.818 0.414

L31.Temp. prom aire -0.005332 0.004879 -1.093 0.274

L32.Conduct 2.005868 9.873171 0.203 0.839

L32.Water 11086.533496 NAN NAN NAN

L32.Temp -1420.538108 196.118066 -7.243 0.000

L32.Precip. horaria 0.005348 0.010887 0.491 0.623

L32.Temp. prom aire 0.002597 0.004883 0.532 0.595

L33.Conduct 0.723126 9.894060 0.073 0.942

L33.Water -9757.367170 NAN NAN NAN

L33.Temp 1155.693443 779.055035 1.483 0.138

L33.Precip. horaria 0.003600 0.010895 0.330 0.741

L33.Temp. prom aire -0.006310 0.004879 -1.293 0.196

L34.Conduct -2.643072 9.909650 -0.267 0.790

L34.Water 6660.614223 541.184077 12.307 0.000

L34.Temp -695.654906 721.566701 -0.964 0.335

L34.Precip. horaria -0.013645 0.010859 -1.257 0.209

L34.Temp. prom aire 0.005519 0.004881 1.131 0.258

L35.Conduct 5.281548 9.976253 0.529 0.597

L35.Water -3275.603215 1035.087074 -3.165 0.002

L35.Temp 20.751045 NAN NAN NAN

L35.Precip. horaria -0.019567 0.010885 -1.798 0.072

L35.Temp. prom aire -0.005637 0.004885 -1.154 0.248

L36.Conduct -2.567781 9.889876 -0.260 0.795

L36.Water 424.804560 392.837006 1.081 0.280

L36.Temp 738.861489 NAN NAN NAN

L36.Precip. horaria 0.010482 0.010875 0.964 0.335

L36.Temp. prom aire 0.009186 0.004882 1.882 0.060

L37.Conduct -0.033151 9.877033 -0.003 0.997

L37.Water 2201.844772 NAN NAN NAN

L37.Temp -994.781147 236.062088 -4.214 0.000

L37.Precip. horaria 0.002039 0.010875 0.187 0.851

L37.Temp. prom aire -0.004259 0.004882 -0.872 0.383

L38.Conduct -1.518796 9.896677 -0.153 0.878

L38.Water -4725.967713 NAN NAN NAN

L38.Temp 520.579586 NAN NAN NAN

L38.Precip. horaria -0.006269 0.010874 -0.577 0.564

L38.Temp. prom aire 0.001258 0.004885 0.258 0.797

L39.Conduct 0.815594 9.922781 0.082 0.934

L39.Water 6491.790603 NAN NAN NAN

L39.Temp -233.573054 NAN NAN NAN

L39.Precip. horaria 0.005183 0.010864 0.477 0.633

L39.Temp. prom aire -0.006133 0.004885 -1.255 0.209

L40.Conduct 0.553362 9.904218 0.056 0.955

L40.Water -6932.802779 NAN NAN NAN

L40.Temp 809.746270 NAN NAN NAN

L40.Precip. horaria -0.007015 0.010863 -0.646 0.518

L40.Temp. prom aire 0.007346 0.004885 1.504 0.133

L41.Conduct -1.899614 9.920636 -0.191 0.848

L41.Water 6265.718099 NAN NAN NAN

L41.Temp -1434.862897 NAN NAN NAN

L41.Precip. horaria 0.000253 0.010840 0.023 0.981

L41.Temp. prom aire -0.006098 0.004887 -1.248 0.212

L42.Conduct 4.286644 10.000757 0.429 0.668

L42.Water -4943.287995 161.876502 -30.537 0.000

L42.Temp 1415.720357 NAN NAN NAN

L42.Precip. horaria -0.008814 0.010856 -0.812 0.417

L42.Temp. prom aire 0.001208 0.004888 0.247 0.805

L43.Conduct -6.988749 9.983018 -0.700 0.484

L43.Water 2836.573767 212.991348 13.318 0.000

L43.Temp -1259.918616 NAN NAN NAN

L43.Precip. horaria 0.001072 0.010842 0.099 0.921

L43.Temp. prom aire 0.004491 0.004886 0.919 0.358

L44.Conduct 8.465009 9.962575 0.850 0.396

L44.Water -424.527419 NAN NAN NAN

L44.Temp 1210.137475 NAN NAN NAN

L44.Precip. horaria 0.012726 0.010854 1.172 0.241

L44.Temp. prom aire -0.002620 0.004885 -0.536 0.592

L45.Conduct -4.978964 9.964953 -0.500 0.617

L45.Water -794.739787 NAN NAN NAN

L45.Temp -876.493533 NAN NAN NAN

L45.Precip. horaria 0.008291 0.010860 0.763 0.445

L45.Temp. prom aire -0.005041 0.004885 -1.032 0.302

L46.Conduct 0.130859 9.866819 0.013 0.989

L46.Water 608.553853 NAN NAN NAN

L46.Temp 354.564375 NAN NAN NAN

L46.Precip. horaria 0.005095 0.010850 0.470 0.639

L46.Temp. prom aire 0.007130 0.004879 1.461 0.144

L47.Conduct 0.947018 7.710758 0.123 0.902

L47.Water -168.239199 NAN NAN NAN

L47.Temp -56.685881 NAN NAN NAN

L47.Precip. horaria 0.006803 0.010762 0.632 0.527

L47.Temp. prom aire -0.000985 0.004636 -0.212 0.832

L48.Conduct -0.255581 2.605553 -0.098 0.922

L48.Water 16.039506 NAN NAN NAN

L48.Temp -1.497495 NAN NAN NAN

L48.Precip. horaria -0.002463 0.009409 -0.262 0.794

L48.Temp. prom aire -0.001751 0.002665 -0.657 0.511

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.240582 0.085256 2.822 0.005

L1.Conduct 302.234111 103.410844 2.923 0.003

L1.Water -1021.149814 NAN NAN NAN

L1.Temp -169.144511 43.007801 -3.933 0.000

L1.Precip. horaria 0.032293 0.032821 0.984 0.325

L1.Temp. prom aire 1.428837 0.009326 153.202 0.000

L2.Conduct -1422.615207 513.490890 -2.770 0.006

L2.Water 5829.625701 NAN NAN NAN

L2.Temp 588.020720 199.982079 2.940 0.003

L2.Precip. horaria 0.014611 0.037782 0.387 0.699

L2.Temp. prom aire -0.577248 0.016247 -35.529 0.000

L3.Conduct 2652.757302 1174.679371 2.258 0.024

L3.Water -14023.728204 NAN NAN NAN

L3.Temp -746.683761 429.752627 -1.737 0.082

L3.Precip. horaria -0.004450 0.038086 -0.117 0.907

L3.Temp. prom aire 0.077042 0.017120 4.500 0.000

L4.Conduct -2475.629416 1618.687889 -1.529 0.126

L4.Water 18427.573470 2503.910796 7.360 0.000

L4.Temp 503.238451 559.635192 0.899 0.369

L4.Precip. horaria -0.018104 0.038080 -0.475 0.634

L4.Temp. prom aire -0.020938 0.017135 -1.222 0.222

L5.Conduct 1225.940375 1471.756206 0.833 0.405

L5.Water -14296.915421 2366.315292 -6.042 0.000

L5.Temp -334.890301 494.037361 -0.678 0.498

L5.Precip. horaria -0.004088 0.038106 -0.107 0.915

L5.Temp. prom aire -0.019802 0.017131 -1.156 0.248

L6.Conduct -372.419419 1106.851214 -0.336 0.737

L6.Water 6471.924258 NAN NAN NAN

L6.Temp 196.616021 389.817194 0.504 0.614

L6.Precip. horaria 0.028778 0.038091 0.756 0.450

L6.Temp. prom aire 0.020081 0.017125 1.173 0.241

L7.Conduct 120.961997 1181.948140 0.102 0.918

L7.Water -315.947229 728.744046 -0.434 0.665

L7.Temp -90.378964 419.102980 -0.216 0.829

L7.Precip. horaria 0.011039 0.038089 0.290 0.772

L7.Temp. prom aire -0.035446 0.017133 -2.069 0.039

L8.Conduct 205.862166 1486.832697 0.138 0.890

L8.Water -5624.889819 NAN NAN NAN

L8.Temp 44.130076 520.358614 0.085 0.932

L8.Precip. horaria 0.034385 0.038111 0.902 0.367

L8.Temp. prom aire 0.013103 0.017134 0.765 0.444

L9.Conduct -1148.144010 1889.145185 -0.608 0.543

L9.Water 12026.966224 1024.663254 11.737 0.000

L9.Temp 406.142508 664.378459 0.611 0.541

L9.Precip. horaria -0.036942 0.038128 -0.969 0.333

L9.Temp. prom aire 0.008204 0.017138 0.479 0.632

L10.Conduct 2494.770683 2332.038795 1.070 0.285

L10.Water -12806.819323 NAN NAN NAN

L10.Temp -902.882132 815.934853 -1.107 0.268

L10.Precip. horaria -0.050141 0.038146 -1.314 0.189

L10.Temp. prom aire -0.004209 0.017138 -0.246 0.806

L11.Conduct -3017.363016 2600.319659 -1.160 0.246

L11.Water 3957.428986 2041.626292 1.938 0.053

L11.Temp 846.747873 894.133667 0.947 0.344

L11.Precip. horaria 0.002167 0.038174 0.057 0.955

L11.Temp. prom aire -0.015696 0.017138 -0.916 0.360

L12.Conduct 1843.445088 2559.354693 0.720 0.471

L12.Water 9499.106924 3812.011592 2.492 0.013

L12.Temp -436.031381 869.545949 -0.501 0.616

L12.Precip. horaria 0.025118 0.038174 0.658 0.511

L12.Temp. prom aire 0.016528 0.017145 0.964 0.335

L13.Conduct 296.684588 2308.925950 0.128 0.898

L13.Water -21739.481942 3446.303807 -6.308 0.000

L13.Temp -122.846567 785.272424 -0.156 0.876

L13.Precip. horaria -0.008278 0.038186 -0.217 0.828

L13.Temp. prom aire -0.018013 0.017142 -1.051 0.293

L14.Conduct -1943.855665 1991.009629 -0.976 0.329

L14.Water 31443.965346 3596.926094 8.742 0.000

L14.Temp 604.340840 681.146196 0.887 0.375

L14.Precip. horaria -0.004879 0.038179 -0.128 0.898

L14.Temp. prom aire 0.026431 0.017132 1.543 0.123

L15.Conduct 2171.071064 1679.725948 1.293 0.196

L15.Water -35409.334829 3531.374995 -10.027 0.000

L15.Temp -684.506447 579.337764 -1.182 0.237

L15.Precip. horaria 0.020645 0.038181 0.541 0.589

L15.Temp. prom aire -0.013741 0.017137 -0.802 0.423

L16.Conduct -1115.676923 1445.197321 -0.772 0.440

L16.Water 28112.954380 2487.093373 11.304 0.000

L16.Temp 237.488169 500.800233 0.474 0.635

L16.Precip. horaria -0.014252 0.038183 -0.373 0.709

L16.Temp. prom aire -0.000455 0.017135 -0.027 0.979

L17.Conduct 26.417052 1383.672625 0.019 0.985

L17.Water -10521.223877 1065.401291 -9.875 0.000

L17.Temp 201.424744 486.308421 0.414 0.679

L17.Precip. horaria 0.006874 0.038190 0.180 0.857

L17.Temp. prom aire 0.019013 0.017137 1.109 0.267

L18.Conduct 123.760565 1570.018561 0.079 0.937

L18.Water -7525.772949 2911.554808 -2.585 0.010

L18.Temp -136.619983 551.984313 -0.248 0.805

L18.Precip. horaria 0.003702 0.038191 0.097 0.923

L18.Temp. prom aire -0.019481 0.017137 -1.137 0.256

L19.Conduct 114.052942 1794.279259 0.064 0.949

L19.Water 15375.476858 2857.914615 5.380 0.000

L19.Temp 1.601486 618.572603 0.003 0.998

L19.Precip. horaria -0.028500 0.038189 -0.746 0.455

L19.Temp. prom aire 0.018651 0.017141 1.088 0.277

L20.Conduct -104.737695 1850.468651 -0.057 0.955

L20.Water -9439.165107 NAN NAN NAN

L20.Temp -10.428441 628.248240 -0.017 0.987

L20.Precip. horaria -0.017636 0.038191 -0.462 0.644

L20.Temp. prom aire -0.021804 0.017140 -1.272 0.203

L21.Conduct 75.021585 1711.901471 0.044 0.965

L21.Water -4434.318671 NAN NAN NAN

L21.Temp 51.978055 585.482809 0.089 0.929

L21.Precip. horaria 0.012249 0.038181 0.321 0.748

L21.Temp. prom aire 0.016936 0.017132 0.989 0.323

L22.Conduct 90.919443 1425.073257 0.064 0.949

L22.Water 15222.869556 2822.757898 5.393 0.000

L22.Temp -155.699830 494.093679 -0.315 0.753

L22.Precip. horaria 0.008070 0.038169 0.211 0.833

L22.Temp. prom aire 0.029405 0.017133 1.716 0.086

L23.Conduct -506.643041 1058.945218 -0.478 0.632

L23.Water -18705.647841 NAN NAN NAN

L23.Temp 635.550759 454.852609 1.397 0.162

L23.Precip. horaria 0.030611 0.038172 0.802 0.423

L23.Temp. prom aire 0.054580 0.017132 3.186 0.001

L24.Conduct 575.988447 614.241377 0.938 0.348

L24.Water 22922.829261 NAN NAN NAN

L24.Temp -1475.130348 NAN NAN NAN

L24.Precip. horaria -0.010649 0.038171 -0.279 0.780

L24.Temp. prom aire 0.117840 0.017068 6.904 0.000

L25.Conduct -217.278047 190.131042 -1.143 0.253

L25.Water -35369.675159 1746.631809 -20.250 0.000

L25.Temp 1085.554731 NAN NAN NAN

L25.Precip. horaria 0.024557 0.038165 0.643 0.520

L25.Temp. prom aire -0.173355 0.017070 -10.156 0.000

L26.Conduct -25.402790 34.307409 -0.740 0.459

L26.Water 50432.797675 NAN NAN NAN

L26.Temp 524.290305 NAN NAN NAN

L26.Precip. horaria 0.001103 0.038180 0.029 0.977

L26.Temp. prom aire 0.002185 0.017138 0.127 0.899

L27.Conduct 64.945415 35.155844 1.847 0.065

L27.Water -55378.230742 1200.127068 -46.144 0.000

L27.Temp -508.543649 NAN NAN NAN

L27.Precip. horaria -0.024343 0.038179 -0.638 0.524

L27.Temp. prom aire 0.009276 0.017132 0.541 0.588

L28.Conduct -72.325882 34.735335 -2.082 0.037

L28.Water 44184.304686 1624.492104 27.199 0.000

L28.Temp -624.303834 NAN NAN NAN

L28.Precip. horaria 0.013226 0.038173 0.346 0.729

L28.Temp. prom aire -0.015609 0.017130 -0.911 0.362

L29.Conduct 68.194905 34.317320 1.987 0.047

L29.Water -23129.689438 NAN NAN NAN

L29.Temp -564.606972 NAN NAN NAN

L29.Precip. horaria -0.034750 0.038175 -0.910 0.363

L29.Temp. prom aire 0.021757 0.017139 1.269 0.204

L30.Conduct -38.947426 34.700758 -1.122 0.262

L30.Water 5402.263346 2021.857304 2.672 0.008

L30.Temp 3265.468235 NAN NAN NAN

L30.Precip. horaria -0.016283 0.038178 -0.427 0.670

L30.Temp. prom aire 0.012551 0.017132 0.733 0.464

L31.Conduct -10.681387 34.359635 -0.311 0.756

L31.Water -1446.775015 1416.511267 -1.021 0.307

L31.Temp -4411.886086 NAN NAN NAN

L31.Precip. horaria -0.021530 0.038189 -0.564 0.573

L31.Temp. prom aire -0.013076 0.017122 -0.764 0.445

L32.Conduct 54.125928 34.647560 1.562 0.118

L32.Water 11705.022716 NAN NAN NAN

L32.Temp 3679.687229 688.229983 5.347 0.000

L32.Precip. horaria 0.051491 0.038206 1.348 0.178

L32.Temp. prom aire -0.005205 0.017137 -0.304 0.761

L33.Conduct -67.047561 34.720863 -1.931 0.053

L33.Water -27283.196051 NAN NAN NAN

L33.Temp -2429.115959 2733.909451 -0.889 0.374

L33.Precip. horaria -0.002793 0.038234 -0.073 0.942

L33.Temp. prom aire 0.020191 0.017121 1.179 0.238

L34.Conduct 41.002483 34.775574 1.179 0.238

L34.Water 40126.488091 1899.157563 21.129 0.000

L34.Temp 2119.915720 2532.167734 0.837 0.402

L34.Precip. horaria -0.023310 0.038109 -0.612 0.541

L34.Temp. prom aire -0.020814 0.017129 -1.215 0.224

L35.Conduct -1.652475 35.009301 -0.047 0.962

L35.Water -47341.721261 3632.393356 -13.033 0.000

L35.Temp -1674.621274 NAN NAN NAN

L35.Precip. horaria 0.019275 0.038197 0.505 0.614

L35.Temp. prom aire 0.031070 0.017142 1.813 0.070

L36.Conduct -31.168601 34.706183 -0.898 0.369

L36.Water 44793.077991 1378.568593 32.492 0.000

L36.Temp -2162.304703 NAN NAN NAN

L36.Precip. horaria -0.019642 0.038165 -0.515 0.607

L36.Temp. prom aire -0.035960 0.017133 -2.099 0.036

L37.Conduct 51.603381 34.661113 1.489 0.137

L37.Water -28670.864930 NAN NAN NAN

L37.Temp 7952.642866 828.404084 9.600 0.000

L37.Precip. horaria -0.034615 0.038162 -0.907 0.364

L37.Temp. prom aire 0.021512 0.017133 1.256 0.209

L38.Conduct -41.721016 34.730050 -1.201 0.230

L38.Water 3579.917951 NAN NAN NAN

L38.Temp -9969.543306 NAN NAN NAN

L38.Precip. horaria 0.001481 0.038159 0.039 0.969

L38.Temp. prom aire -0.001129 0.017142 -0.066 0.947

L39.Conduct -7.867326 34.821654 -0.226 0.821

L39.Water 19229.236861 NAN NAN NAN

L39.Temp 7168.939167 NAN NAN NAN

L39.Precip. horaria 0.022180 0.038125 0.582 0.561

L39.Temp. prom aire -0.022767 0.017143 -1.328 0.184

L40.Conduct 55.990214 34.756511 1.611 0.107

L40.Water -30520.179173 NAN NAN NAN

L40.Temp -4513.319278 NAN NAN NAN

L40.Precip. horaria -0.032799 0.038122 -0.860 0.390

L40.Temp. prom aire -0.010091 0.017144 -0.589 0.556

L41.Conduct -30.635549 34.814127 -0.880 0.379

L41.Water 28740.122283 NAN NAN NAN

L41.Temp 5287.825208 NAN NAN NAN

L41.Precip. horaria 0.016673 0.038040 0.438 0.661

L41.Temp. prom aire 0.004016 0.017149 0.234 0.815

L42.Conduct -24.871681 35.095292 -0.709 0.479

L42.Water -19327.276931 568.067310 -34.023 0.000

L42.Temp -6703.948681 NAN NAN NAN

L42.Precip. horaria -0.029396 0.038097 -0.772 0.440

L42.Temp. prom aire 0.016247 0.017153 0.947 0.344

L43.Conduct 3.945107 35.033040 0.113 0.910

L43.Water 8883.103180 747.442777 11.885 0.000

L43.Temp 4880.117100 NAN NAN NAN

L43.Precip. horaria 0.031621 0.038048 0.831 0.406

L43.Temp. prom aire -0.011296 0.017145 -0.659 0.510

L44.Conduct 52.273397 34.961302 1.495 0.135

L44.Water -1226.555445 NAN NAN NAN

L44.Temp -1564.404846 NAN NAN NAN

L44.Precip. horaria -0.008403 0.038088 -0.221 0.825

L44.Temp. prom aire 0.025588 0.017143 1.493 0.136

L45.Conduct -48.957525 34.969647 -1.400 0.162

L45.Water -2002.397597 NAN NAN NAN

L45.Temp 450.424270 NAN NAN NAN

L45.Precip. horaria -0.031458 0.038111 -0.825 0.409

L45.Temp. prom aire -0.015201 0.017143 -0.887 0.375

L46.Conduct 3.419852 34.625269 0.099 0.921

L46.Water 1618.371668 NAN NAN NAN

L46.Temp -751.215413 NAN NAN NAN

L46.Precip. horaria 0.029905 0.038074 0.785 0.432

L46.Temp. prom aire 0.000614 0.017122 0.036 0.971

L47.Conduct 19.781854 27.059082 0.731 0.465

L47.Water -457.374074 NAN NAN NAN

L47.Temp 517.808471 NAN NAN NAN

L47.Precip. horaria 0.006703 0.037768 0.177 0.859

L47.Temp. prom aire 0.103040 0.016269 6.333 0.000

L48.Conduct -9.528108 9.143571 -1.042 0.297

L48.Water 32.901551 NAN NAN NAN

L48.Temp -106.882181 NAN NAN NAN

L48.Precip. horaria -0.006700 0.033017 -0.203 0.839

L48.Temp. prom aire -0.078904 0.009351 -8.438 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.049932 0.883407 -0.002310 -0.020579

Water 0.049932 1.000000 -0.154785 -0.007739 0.005267

Temp 0.883407 -0.154785 1.000000 -0.000894 -0.033262

Precip. horaria -0.002310 -0.007739 -0.000894 1.000000 -0.025125

Temp. prom aire -0.020579 0.005267 -0.033262 -0.025125 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -59.7700

Nobs: 11641.0 HQIC: -60.2761

Log likelihood: 270943. FPE: 5.14353e-27

AIC: -60.5321 Det(Omega\_mle): 4.64264e-27

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000031 0.000009 3.336 0.001

L1.Conduct 4.792061 0.008312 576.552 0.000

L1.Water 2.814180 NAN NAN NAN

L1.Temp -0.247150 0.002551 -96.869 0.000

L1.Precip. horaria 0.000004 0.000003 1.289 0.197

L1.Temp. prom aire -0.000000 0.000001 -0.276 0.783

L2.Conduct -9.763435 0.036137 -270.178 0.000

L2.Water -13.628549 NAN NAN NAN

L2.Temp 0.985968 0.009116 108.160 0.000

L2.Precip. horaria 0.000003 0.000004 0.840 0.401

L2.Temp. prom aire -0.000002 0.000002 -1.125 0.261

L3.Conduct 11.302605 0.069862 161.784 0.000

L3.Water 28.459159 NAN NAN NAN

L3.Temp -1.527198 0.014386 -106.158 0.000

L3.Precip. horaria 0.000002 0.000004 0.546 0.585

L3.Temp. prom aire 0.000002 0.000002 1.016 0.309

L4.Conduct -8.636343 0.087491 -98.711 0.000

L4.Water -35.173257 NAN NAN NAN

L4.Temp 1.207449 0.015906 75.912 0.000

L4.Precip. horaria 0.000005 0.000004 1.346 0.178

L4.Temp. prom aire 0.000000 0.000002 0.179 0.858

L5.Conduct 5.019341 0.086092 58.302 0.000

L5.Water 31.464018 NAN NAN NAN

L5.Temp -0.654275 0.015230 -42.958 0.000

L5.Precip. horaria 0.000002 0.000004 0.425 0.671

L5.Temp. prom aire 0.000000 0.000002 0.288 0.773

L6.Conduct -2.601249 0.071012 -36.631 0.000

L6.Water -24.217462 NAN NAN NAN

L6.Temp 0.386958 0.013363 28.958 0.000

L6.Precip. horaria -0.000001 0.000004 -0.324 0.746

L6.Temp. prom aire 0.000002 0.000002 1.382 0.167

L7.Conduct 1.433318 0.059891 23.932 0.000

L7.Water 17.228479 NAN NAN NAN

L7.Temp -0.225071 0.012161 -18.508 0.000

L7.Precip. horaria 0.000006 0.000004 1.586 0.113

L7.Temp. prom aire -0.000004 0.000002 -2.323 0.020

L8.Conduct -0.893408 0.054227 -16.475 0.000

L8.Water -11.324741 NAN NAN NAN

L8.Temp 0.136139 0.010365 13.134 0.000

L8.Precip. horaria -0.000003 0.000004 -0.936 0.349

L8.Temp. prom aire 0.000004 0.000002 2.194 0.028

L9.Conduct 0.567581 0.017555 32.332 0.000

L9.Water 6.803980 NAN NAN NAN

L9.Temp -0.097816 0.006804 -14.376 0.000

L9.Precip. horaria -0.000001 0.000004 -0.306 0.759

L9.Temp. prom aire -0.000002 0.000002 -1.141 0.254

L10.Conduct -0.383196 NAN NAN NAN

L10.Water -3.468051 NAN NAN NAN

L10.Temp 0.057355 NAN NAN NAN

L10.Precip. horaria 0.000002 0.000004 0.633 0.527

L10.Temp. prom aire -0.000001 0.000002 -0.542 0.588

L11.Conduct 0.263262 NAN NAN NAN

L11.Water 1.606540 NAN NAN NAN

L11.Temp -0.037945 NAN NAN NAN

L11.Precip. horaria 0.000001 0.000004 0.294 0.769

L11.Temp. prom aire 0.000001 0.000002 0.682 0.495

L12.Conduct -0.129853 NAN NAN NAN

L12.Water -1.272295 NAN NAN NAN

L12.Temp 0.015898 NAN NAN NAN

L12.Precip. horaria -0.000005 0.000004 -1.273 0.203

L12.Temp. prom aire -0.000001 0.000002 -0.789 0.430

L13.Conduct 0.010801 NAN NAN NAN

L13.Water 1.387326 NAN NAN NAN

L13.Temp -0.001624 NAN NAN NAN

L13.Precip. horaria 0.000005 0.000004 1.462 0.144

L13.Temp. prom aire 0.000002 0.000002 1.171 0.242

L14.Conduct 0.037453 NAN NAN NAN

L14.Water -0.899860 NAN NAN NAN

L14.Temp -0.001710 NAN NAN NAN

L14.Precip. horaria 0.000008 0.000004 2.061 0.039

L14.Temp. prom aire -0.000003 0.000002 -1.567 0.117

L15.Conduct -0.003919 NAN NAN NAN

L15.Water 0.192674 NAN NAN NAN

L15.Temp 0.001887 0.011161 0.169 0.866

L15.Precip. horaria -0.000003 0.000004 -0.876 0.381

L15.Temp. prom aire 0.000002 0.000002 1.027 0.305

L16.Conduct -0.051382 0.096201 -0.534 0.593

L16.Water -0.293438 NAN NAN NAN

L16.Temp 0.005952 0.016726 0.356 0.722

L16.Precip. horaria 0.000002 0.000004 0.603 0.547

L16.Temp. prom aire -0.000000 0.000002 -0.255 0.798

L17.Conduct 0.035930 0.063584 0.565 0.572

L17.Water 1.055116 NAN NAN NAN

L17.Temp 0.001199 0.011312 0.106 0.916

L17.Precip. horaria 0.000002 0.000004 0.524 0.600

L17.Temp. prom aire 0.000000 0.000002 0.128 0.898

L18.Conduct 0.093033 NAN NAN NAN

L18.Water -1.387086 NAN NAN NAN

L18.Temp -0.019707 NAN NAN NAN

L18.Precip. horaria 0.000001 0.000004 0.293 0.769

L18.Temp. prom aire -0.000000 0.000002 -0.287 0.774

L19.Conduct -0.201262 NAN NAN NAN

L19.Water 0.853854 NAN NAN NAN

L19.Temp 0.026396 0.004000 6.599 0.000

L19.Precip. horaria -0.000000 0.000004 -0.001 0.999

L19.Temp. prom aire 0.000001 0.000002 0.757 0.449

L20.Conduct 0.106509 NAN NAN NAN

L20.Water 0.010485 NAN NAN NAN

L20.Temp -0.009033 0.007625 -1.185 0.236

L20.Precip. horaria -0.000003 0.000004 -0.741 0.459

L20.Temp. prom aire -0.000001 0.000002 -0.640 0.522

L21.Conduct 0.261485 0.047071 5.555 0.000

L21.Water -1.029702 0.099448 -10.354 0.000

L21.Temp -0.052287 0.012414 -4.212 0.000

L21.Precip. horaria 0.000003 0.000004 0.937 0.349

L21.Temp. prom aire 0.000001 0.000002 0.482 0.630

L22.Conduct -1.119775 0.053543 -20.914 0.000

L22.Water 2.502856 NAN NAN NAN

L22.Temp 0.186301 0.010722 17.376 0.000

L22.Precip. horaria -0.000008 0.000004 -2.193 0.028

L22.Temp. prom aire -0.000001 0.000002 -0.633 0.527

L23.Conduct 2.039892 NAN NAN NAN

L23.Water -2.855922 NAN NAN NAN

L23.Temp -0.204140 0.036877 -5.536 0.000

L23.Precip. horaria 0.000007 0.000004 1.875 0.061

L23.Temp. prom aire 0.000000 0.000002 0.190 0.849

L24.Conduct -1.766443 NAN NAN NAN

L24.Water 0.049926 NAN NAN NAN

L24.Temp -0.376700 0.110181 -3.419 0.001

L24.Precip. horaria -0.000005 0.000004 -1.463 0.143

L24.Temp. prom aire -0.000000 0.000002 -0.276 0.782

L25.Conduct 0.602733 0.008441 71.404 0.000

L25.Water 5.552090 NAN NAN NAN

L25.Temp 1.242748 0.070607 17.601 0.000

L25.Precip. horaria -0.000001 0.000004 -0.181 0.856

L25.Temp. prom aire 0.000001 0.000002 0.554 0.580

L26.Conduct -0.001096 0.008135 -0.135 0.893

L26.Water -13.314667 NAN NAN NAN

L26.Temp -1.186484 NAN NAN NAN

L26.Precip. horaria -0.000006 0.000004 -1.552 0.121

L26.Temp. prom aire 0.000001 0.000002 0.879 0.379

L27.Conduct -0.013660 0.008103 -1.686 0.092

L27.Water 20.587636 NAN NAN NAN

L27.Temp 0.397748 NAN NAN NAN

L27.Precip. horaria 0.000005 0.000004 1.391 0.164

L27.Temp. prom aire -0.000003 0.000002 -1.629 0.103

L28.Conduct 0.009385 0.008064 1.164 0.244

L28.Water -21.968059 NAN NAN NAN

L28.Temp -0.213089 NAN NAN NAN

L28.Precip. horaria -0.000002 0.000004 -0.431 0.666

L28.Temp. prom aire 0.000000 0.000002 0.039 0.969

L29.Conduct -0.012523 0.008116 -1.543 0.123

L29.Water 17.141775 0.123445 138.861 0.000

L29.Temp 0.488504 NAN NAN NAN

L29.Precip. horaria 0.000000 0.000004 0.130 0.897

L29.Temp. prom aire -0.000001 0.000002 -0.538 0.590

L30.Conduct 0.010881 0.008128 1.339 0.181

L30.Water -10.741912 NAN NAN NAN

L30.Temp -0.274972 NAN NAN NAN

L30.Precip. horaria 0.000006 0.000004 1.648 0.099

L30.Temp. prom aire -0.000001 0.000002 -0.433 0.665

L31.Conduct -0.004641 0.008076 -0.575 0.566

L31.Water 5.443199 NAN NAN NAN

L31.Temp -0.337568 0.150323 -2.246 0.025

L31.Precip. horaria -0.000003 0.000004 -0.867 0.386

L31.Temp. prom aire 0.000002 0.000002 1.248 0.212

L32.Conduct -0.014934 0.008055 -1.854 0.064

L32.Water -2.066025 NAN NAN NAN

L32.Temp 0.730194 NAN NAN NAN

L32.Precip. horaria 0.000004 0.000004 1.096 0.273

L32.Temp. prom aire -0.000002 0.000002 -0.949 0.343

L33.Conduct 0.019959 0.008070 2.473 0.013

L33.Water 1.186887 NAN NAN NAN

L33.Temp -0.713037 NAN NAN NAN

L33.Precip. horaria -0.000002 0.000004 -0.501 0.616

L33.Temp. prom aire 0.000000 0.000002 0.171 0.864

L34.Conduct -0.011187 0.008070 -1.386 0.166

L34.Water -1.984946 NAN NAN NAN

L34.Temp 0.465807 NAN NAN NAN

L34.Precip. horaria -0.000003 0.000004 -0.813 0.416

L34.Temp. prom aire 0.000001 0.000002 0.381 0.703

L35.Conduct 0.001830 0.008056 0.227 0.820

L35.Water 2.586048 NAN NAN NAN

L35.Temp -0.014972 NAN NAN NAN

L35.Precip. horaria 0.000002 0.000004 0.546 0.585

L35.Temp. prom aire 0.000001 0.000002 0.439 0.660

L36.Conduct -0.002566 0.008056 -0.319 0.750

L36.Water -2.323176 NAN NAN NAN

L36.Temp -0.664827 NAN NAN NAN

L36.Precip. horaria -0.000002 0.000004 -0.518 0.605

L36.Temp. prom aire -0.000001 0.000002 -0.696 0.486

L37.Conduct 0.002989 0.008063 0.371 0.711

L37.Water 1.972993 NAN NAN NAN

L37.Temp 1.295678 0.052259 24.793 0.000

L37.Precip. horaria -0.000001 0.000004 -0.183 0.855

L37.Temp. prom aire 0.000000 0.000002 0.151 0.880

L38.Conduct -0.008052 0.008065 -0.998 0.318

L38.Water -1.730544 NAN NAN NAN

L38.Temp -1.655461 NAN NAN NAN

L38.Precip. horaria -0.000003 0.000004 -0.910 0.363

L38.Temp. prom aire 0.000001 0.000002 0.644 0.520

L39.Conduct 0.020346 0.008026 2.535 0.011

L39.Water 1.175974 NAN NAN NAN

L39.Temp 1.856751 0.142912 12.992 0.000

L39.Precip. horaria 0.000004 0.000004 1.098 0.272

L39.Temp. prom aire -0.000000 0.000002 -0.176 0.860

L40.Conduct -0.016696 0.008021 -2.082 0.037

L40.Water -0.673525 NAN NAN NAN

L40.Temp -2.080116 NAN NAN NAN

L40.Precip. horaria -0.000003 0.000004 -0.810 0.418

L40.Temp. prom aire -0.000001 0.000002 -0.361 0.718

L41.Conduct 0.006349 0.007997 0.794 0.427

L41.Water 0.931751 NAN NAN NAN

L41.Temp 2.274475 0.118325 19.222 0.000

L41.Precip. horaria 0.000006 0.000004 1.511 0.131

L41.Temp. prom aire 0.000001 0.000002 0.367 0.713

L42.Conduct -0.006202 0.007995 -0.776 0.438

L42.Water -1.604453 NAN NAN NAN

L42.Temp -2.094627 NAN NAN NAN

L42.Precip. horaria -0.000003 0.000004 -0.681 0.496

L42.Temp. prom aire -0.000001 0.000002 -0.696 0.487

L43.Conduct 0.002174 0.008035 0.271 0.787

L43.Water 1.648742 NAN NAN NAN

L43.Temp 1.242561 NAN NAN NAN

L43.Precip. horaria 0.000004 0.000004 1.153 0.249

L43.Temp. prom aire -0.000000 0.000002 -0.223 0.824

L44.Conduct -0.002323 0.008023 -0.290 0.772

L44.Water -0.940428 NAN NAN NAN

L44.Temp 0.008359 NAN NAN NAN

L44.Precip. horaria -0.000002 0.000004 -0.463 0.643

L44.Temp. prom aire 0.000002 0.000002 1.051 0.293

L45.Conduct 0.011480 0.008046 1.427 0.154

L45.Water 0.276675 NAN NAN NAN

L45.Temp -0.857010 NAN NAN NAN

L45.Precip. horaria -0.000003 0.000004 -0.676 0.499

L45.Temp. prom aire -0.000001 0.000002 -0.706 0.480

L46.Conduct 0.002524 0.007916 0.319 0.750

L46.Water -0.060873 NAN NAN NAN

L46.Temp 0.844940 0.158637 5.326 0.000

L46.Precip. horaria 0.000003 0.000004 0.847 0.397

L46.Temp. prom aire 0.000000 0.000002 0.133 0.894

L47.Conduct -0.019049 0.005639 -3.378 0.001

L47.Water 0.044077 0.029875 1.475 0.140

L47.Temp -0.383242 0.107376 -3.569 0.000

L47.Precip. horaria -0.000004 0.000004 -1.222 0.222

L47.Temp. prom aire 0.000001 0.000002 0.615 0.539

L48.Conduct 0.009273 0.001677 5.531 0.000

L48.Water -0.017468 0.013722 -1.273 0.203

L48.Temp 0.070793 0.023472 3.016 0.003

L48.Precip. horaria -0.000003 0.000003 -1.060 0.289

L48.Temp. prom aire 0.000000 0.000001 0.165 0.869

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000006 0.000001 4.088 0.000

L1.Conduct 0.013865 0.001291 10.743 0.000

L1.Water 5.652975 NAN NAN NAN

L1.Temp -0.005819 0.000396 -14.687 0.000

L1.Precip. horaria 0.000001 0.000000 1.404 0.160

L1.Temp. prom aire -0.000000 0.000000 -0.725 0.469

L2.Conduct -0.068109 0.005611 -12.138 0.000

L2.Water -14.099395 NAN NAN NAN

L2.Temp 0.026821 0.001415 18.949 0.000

L2.Precip. horaria 0.000001 0.000001 0.925 0.355

L2.Temp. prom aire 0.000000 0.000000 0.933 0.351

L3.Conduct 0.139060 0.010848 12.819 0.000

L3.Water 20.870273 NAN NAN NAN

L3.Temp -0.050923 0.002234 -22.797 0.000

L3.Precip. horaria -0.000001 0.000001 -2.397 0.017

L3.Temp. prom aire 0.000000 0.000000 0.071 0.943

L4.Conduct -0.154100 0.013585 -11.343 0.000

L4.Water -21.299141 NAN NAN NAN

L4.Temp 0.053660 0.002470 21.727 0.000

L4.Precip. horaria 0.000001 0.000001 1.913 0.056

L4.Temp. prom aire -0.000000 0.000000 -0.505 0.614

L5.Conduct 0.103070 0.013368 7.710 0.000

L5.Water 17.033635 NAN NAN NAN

L5.Temp -0.040356 0.002365 -17.065 0.000

L5.Precip. horaria -0.000001 0.000001 -1.154 0.249

L5.Temp. prom aire 0.000000 0.000000 0.233 0.816

L6.Conduct -0.046814 0.011026 -4.246 0.000

L6.Water -11.947939 NAN NAN NAN

L6.Temp 0.028967 0.002075 13.961 0.000

L6.Precip. horaria -0.000000 0.000001 -0.441 0.659

L6.Temp. prom aire 0.000000 0.000000 0.274 0.784

L7.Conduct 0.025083 0.009299 2.697 0.007

L7.Water 7.794157 NAN NAN NAN

L7.Temp -0.020554 0.001888 -10.885 0.000

L7.Precip. horaria 0.000001 0.000001 1.542 0.123

L7.Temp. prom aire -0.000000 0.000000 -0.410 0.682

L8.Conduct -0.033061 0.008420 -3.927 0.000

L8.Water -4.747841 NAN NAN NAN

L8.Temp 0.015683 0.001609 9.744 0.000

L8.Precip. horaria -0.000001 0.000001 -1.085 0.278

L8.Temp. prom aire -0.000000 0.000000 -0.261 0.794

L9.Conduct 0.044236 0.002726 16.229 0.000

L9.Water 2.640226 NAN NAN NAN

L9.Temp -0.013140 0.001057 -12.438 0.000

L9.Precip. horaria 0.000000 0.000001 0.585 0.558

L9.Temp. prom aire 0.000000 0.000000 0.822 0.411

L10.Conduct -0.033443 NAN NAN NAN

L10.Water -1.304311 NAN NAN NAN

L10.Temp 0.007334 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000001 -0.645 0.519

L10.Temp. prom aire 0.000000 0.000000 0.104 0.917

L11.Conduct 0.001317 NAN NAN NAN

L11.Water 0.650263 NAN NAN NAN

L11.Temp -0.000182 NAN NAN NAN

L11.Precip. horaria -0.000001 0.000001 -2.506 0.012

L11.Temp. prom aire -0.000000 0.000000 -0.919 0.358

L12.Conduct 0.028382 NAN NAN NAN

L12.Water -0.524109 NAN NAN NAN

L12.Temp -0.004319 NAN NAN NAN

L12.Precip. horaria -0.000001 0.000001 -1.962 0.050

L12.Temp. prom aire 0.000000 0.000000 0.250 0.802

L13.Conduct -0.037477 NAN NAN NAN

L13.Water 0.583981 NAN NAN NAN

L13.Temp 0.004420 NAN NAN NAN

L13.Precip. horaria 0.000000 0.000001 0.773 0.439

L13.Temp. prom aire -0.000000 0.000000 -0.166 0.868

L14.Conduct 0.029856 NAN NAN NAN

L14.Water -0.490627 NAN NAN NAN

L14.Temp -0.002537 NAN NAN NAN

L14.Precip. horaria 0.000001 0.000001 1.610 0.107

L14.Temp. prom aire 0.000000 0.000000 0.358 0.720

L15.Conduct -0.014298 NAN NAN NAN

L15.Water 0.224932 NAN NAN NAN

L15.Temp 0.000952 0.001733 0.549 0.583

L15.Precip. horaria -0.000000 0.000001 -0.763 0.446

L15.Temp. prom aire 0.000000 0.000000 0.610 0.542

L16.Conduct -0.010018 0.014937 -0.671 0.502

L16.Water -0.035453 NAN NAN NAN

L16.Temp 0.002057 0.002597 0.792 0.428

L16.Precip. horaria -0.000000 0.000001 -0.498 0.618

L16.Temp. prom aire -0.000000 0.000000 -0.701 0.483

L17.Conduct 0.034050 0.009873 3.449 0.001

L17.Water 0.068958 NAN NAN NAN

L17.Temp -0.005155 0.001756 -2.935 0.003

L17.Precip. horaria 0.000001 0.000001 0.886 0.375

L17.Temp. prom aire 0.000000 0.000000 0.240 0.810

L18.Conduct -0.037915 NAN NAN NAN

L18.Water -0.187359 NAN NAN NAN

L18.Temp 0.005430 NAN NAN NAN

L18.Precip. horaria 0.000000 0.000001 0.855 0.393

L18.Temp. prom aire 0.000000 0.000000 0.041 0.967

L19.Conduct 0.018461 NAN NAN NAN

L19.Water 0.270256 NAN NAN NAN

L19.Temp -0.001453 0.000621 -2.340 0.019

L19.Precip. horaria 0.000001 0.000001 1.878 0.060

L19.Temp. prom aire 0.000000 0.000000 0.424 0.671

L20.Conduct 0.011962 NAN NAN NAN

L20.Water -0.458223 NAN NAN NAN

L20.Temp -0.003065 0.001184 -2.589 0.010

L20.Precip. horaria -0.000000 0.000001 -0.710 0.478

L20.Temp. prom aire -0.000000 0.000000 -1.004 0.316

L21.Conduct -0.044542 0.007309 -6.094 0.000

L21.Water 0.870264 0.015442 56.359 0.000

L21.Temp 0.007304 0.001928 3.789 0.000

L21.Precip. horaria 0.000002 0.000001 3.878 0.000

L21.Temp. prom aire 0.000000 0.000000 1.162 0.245

L22.Conduct 0.069927 0.008314 8.411 0.000

L22.Water -1.722727 NAN NAN NAN

L22.Temp -0.012951 0.001665 -7.780 0.000

L22.Precip. horaria -0.000001 0.000001 -2.375 0.018

L22.Temp. prom aire -0.000000 0.000000 -0.876 0.381

L23.Conduct -0.066204 NAN NAN NAN

L23.Water 3.184185 NAN NAN NAN

L23.Temp -0.021656 0.005726 -3.782 0.000

L23.Precip. horaria 0.000001 0.000001 1.413 0.158

L23.Temp. prom aire 0.000000 0.000000 0.366 0.714

L24.Conduct 0.030918 NAN NAN NAN

L24.Water -4.742760 NAN NAN NAN

L24.Temp 0.138913 0.017108 8.120 0.000

L24.Precip. horaria -0.000001 0.000001 -1.355 0.176

L24.Temp. prom aire -0.000000 0.000000 -0.070 0.944

L25.Conduct -0.001936 0.001311 -1.477 0.140

L25.Water 6.448598 NAN NAN NAN

L25.Temp -0.251719 0.010963 -22.960 0.000

L25.Precip. horaria -0.000000 0.000001 -0.535 0.593

L25.Temp. prom aire -0.000000 0.000000 -0.342 0.732

L26.Conduct -0.001511 0.001263 -1.196 0.232

L26.Water -9.084519 NAN NAN NAN

L26.Temp 0.218834 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000001 -3.051 0.002

L26.Temp. prom aire 0.000000 0.000000 0.518 0.605

L27.Conduct -0.001233 0.001258 -0.980 0.327

L27.Water 11.541544 NAN NAN NAN

L27.Temp -0.061853 NAN NAN NAN

L27.Precip. horaria 0.000002 0.000001 2.932 0.003

L27.Temp. prom aire -0.000000 0.000000 -1.259 0.208

L28.Conduct 0.000476 0.001252 0.380 0.704

L28.Water -11.655344 NAN NAN NAN

L28.Temp -0.063570 NAN NAN NAN

L28.Precip. horaria -0.000001 0.000001 -1.833 0.067

L28.Temp. prom aire 0.000000 0.000000 1.090 0.276

L29.Conduct -0.000496 0.001260 -0.394 0.694

L29.Water 9.466654 0.019168 493.888 0.000

L29.Temp 0.075285 NAN NAN NAN

L29.Precip. horaria -0.000001 0.000001 -1.836 0.066

L29.Temp. prom aire -0.000000 0.000000 -0.496 0.620

L30.Conduct 0.001277 0.001262 1.012 0.312

L30.Water -6.602787 NAN NAN NAN

L30.Temp -0.007417 NAN NAN NAN

L30.Precip. horaria 0.000001 0.000001 2.199 0.028

L30.Temp. prom aire -0.000000 0.000000 -0.408 0.683

L31.Conduct -0.001068 0.001254 -0.851 0.394

L31.Water 4.117506 NAN NAN NAN

L31.Temp -0.083603 0.023341 -3.582 0.000

L31.Precip. horaria -0.000002 0.000001 -4.059 0.000

L31.Temp. prom aire 0.000000 0.000000 0.981 0.327

L32.Conduct 0.000041 0.001251 0.033 0.974

L32.Water -2.355153 NAN NAN NAN

L32.Temp 0.140981 NAN NAN NAN

L32.Precip. horaria 0.000003 0.000001 4.525 0.000

L32.Temp. prom aire -0.000000 0.000000 -0.636 0.525

L33.Conduct -0.000258 0.001253 -0.206 0.837

L33.Water 1.369075 NAN NAN NAN

L33.Temp -0.103353 NAN NAN NAN

L33.Precip. horaria -0.000000 0.000001 -0.110 0.912

L33.Temp. prom aire 0.000000 0.000000 0.872 0.383

L34.Conduct 0.000512 0.001253 0.409 0.683

L34.Water -0.882695 NAN NAN NAN

L34.Temp -0.034438 NAN NAN NAN

L34.Precip. horaria -0.000002 0.000001 -3.136 0.002

L34.Temp. prom aire -0.000000 0.000000 -1.457 0.145

L35.Conduct 0.001406 0.001251 1.124 0.261

L35.Water 0.509237 NAN NAN NAN

L35.Temp 0.197395 NAN NAN NAN

L35.Precip. horaria 0.000002 0.000001 3.312 0.001

L35.Temp. prom aire 0.000000 0.000000 1.247 0.213

L36.Conduct -0.002164 0.001251 -1.730 0.084

L36.Water -0.207427 NAN NAN NAN

L36.Temp -0.283916 NAN NAN NAN

L36.Precip. horaria -0.000000 0.000001 -0.104 0.917

L36.Temp. prom aire -0.000000 0.000000 -0.859 0.390

L37.Conduct 0.001813 0.001252 1.448 0.148

L37.Water 0.157306 NAN NAN NAN

L37.Temp 0.239945 0.008114 29.570 0.000

L37.Precip. horaria -0.000001 0.000001 -1.252 0.211

L37.Temp. prom aire 0.000000 0.000000 0.825 0.409

L38.Conduct -0.004192 0.001252 -3.347 0.001

L38.Water -0.266906 NAN NAN NAN

L38.Temp -0.115326 NAN NAN NAN

L38.Precip. horaria 0.000000 0.000001 0.649 0.516

L38.Temp. prom aire -0.000000 0.000000 -0.403 0.687

L39.Conduct 0.006079 0.001246 4.878 0.000

L39.Water 0.245610 NAN NAN NAN

L39.Temp 0.026644 0.022190 1.201 0.230

L39.Precip. horaria -0.000001 0.000001 -0.925 0.355

L39.Temp. prom aire 0.000000 0.000000 0.051 0.959

L40.Conduct -0.005267 0.001245 -4.229 0.000

L40.Water -0.083614 NAN NAN NAN

L40.Temp -0.043971 NAN NAN NAN

L40.Precip. horaria -0.000001 0.000001 -2.022 0.043

L40.Temp. prom aire -0.000000 0.000000 -0.508 0.611

L41.Conduct 0.004110 0.001242 3.310 0.001

L41.Water 0.059290 NAN NAN NAN

L41.Temp 0.129042 0.018373 7.024 0.000

L41.Precip. horaria 0.000002 0.000001 3.967 0.000

L41.Temp. prom aire 0.000000 0.000000 0.903 0.366

L42.Conduct -0.002445 0.001241 -1.970 0.049

L42.Water -0.232318 NAN NAN NAN

L42.Temp -0.189805 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000001 -2.200 0.028

L42.Temp. prom aire -0.000000 0.000000 -1.677 0.094

L43.Conduct 0.001749 0.001248 1.402 0.161

L43.Water 0.367895 NAN NAN NAN

L43.Temp 0.184788 NAN NAN NAN

L43.Precip. horaria 0.000001 0.000001 2.564 0.010

L43.Temp. prom aire 0.000000 0.000000 1.565 0.118

L44.Conduct -0.002158 0.001246 -1.732 0.083

L44.Water -0.411687 NAN NAN NAN

L44.Temp -0.139159 NAN NAN NAN

L44.Precip. horaria 0.000001 0.000001 0.929 0.353

L44.Temp. prom aire -0.000000 0.000000 -0.522 0.602

L45.Conduct 0.001037 0.001249 0.830 0.406

L45.Water 0.445939 NAN NAN NAN

L45.Temp 0.083519 NAN NAN NAN

L45.Precip. horaria -0.000000 0.000001 -0.839 0.401

L45.Temp. prom aire 0.000000 0.000000 0.061 0.952

L46.Conduct 0.000051 0.001229 0.041 0.967

L46.Water -0.370708 NAN NAN NAN

L46.Temp -0.035750 0.024632 -1.451 0.147

L46.Precip. horaria 0.000002 0.000001 2.743 0.006

L46.Temp. prom aire -0.000000 0.000000 -0.267 0.790

L47.Conduct 0.000099 0.000876 0.113 0.910

L47.Water 0.172922 0.004639 37.277 0.000

L47.Temp 0.008921 0.016672 0.535 0.593

L47.Precip. horaria -0.000001 0.000001 -2.002 0.045

L47.Temp. prom aire 0.000000 0.000000 0.440 0.660

L48.Conduct -0.000127 0.000260 -0.487 0.626

L48.Water -0.032639 0.002131 -15.319 0.000

L48.Temp -0.000906 0.003645 -0.248 0.804

L48.Precip. horaria -0.000000 0.000000 -0.196 0.845

L48.Temp. prom aire 0.000000 0.000000 0.029 0.977

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000015 0.000039 0.390 0.697

L1.Conduct -0.739992 0.034696 -21.328 0.000

L1.Water 4.177893 NAN NAN NAN

L1.Temp 3.206441 0.010651 301.057 0.000

L1.Precip. horaria -0.000001 0.000013 -0.054 0.957

L1.Temp. prom aire -0.000008 0.000004 -2.008 0.045

L2.Conduct 3.166824 0.150851 20.993 0.000

L2.Water -19.813198 NAN NAN NAN

L2.Temp -3.357933 0.038053 -88.243 0.000

L2.Precip. horaria 0.000002 0.000015 0.106 0.915

L2.Temp. prom aire -0.000003 0.000007 -0.432 0.666

L3.Conduct -5.448410 0.291635 -18.682 0.000

L3.Water 40.215636 NAN NAN NAN

L3.Temp 1.162866 0.060054 19.364 0.000

L3.Precip. horaria 0.000002 0.000016 0.105 0.916

L3.Temp. prom aire 0.000007 0.000007 0.947 0.344

L4.Conduct 4.814996 0.365226 13.184 0.000

L4.Water -47.586091 NAN NAN NAN

L4.Temp -0.299007 0.066398 -4.503 0.000

L4.Precip. horaria 0.000012 0.000016 0.768 0.442

L4.Temp. prom aire 0.000007 0.000007 1.019 0.308

L5.Conduct -2.056056 0.359383 -5.721 0.000

L5.Water 39.102470 NAN NAN NAN

L5.Temp 0.279763 0.063578 4.400 0.000

L5.Precip. horaria 0.000005 0.000016 0.301 0.764

L5.Temp. prom aire -0.000001 0.000007 -0.128 0.898

L6.Conduct -0.708192 0.296432 -2.389 0.017

L6.Water -25.015800 NAN NAN NAN

L6.Temp 0.269233 0.055781 4.827 0.000

L6.Precip. horaria 0.000006 0.000016 0.384 0.701

L6.Temp. prom aire 0.000010 0.000007 1.403 0.161

L7.Conduct 2.545812 0.250009 10.183 0.000

L7.Water 12.555600 NAN NAN NAN

L7.Temp -0.413672 0.050765 -8.149 0.000

L7.Precip. horaria 0.000004 0.000016 0.280 0.780

L7.Temp. prom aire -0.000011 0.000007 -1.566 0.117

L8.Conduct -2.764534 0.226364 -12.213 0.000

L8.Water -5.154967 NAN NAN NAN

L8.Temp 0.358755 0.043269 8.291 0.000

L8.Precip. horaria -0.000002 0.000016 -0.116 0.908

L8.Temp. prom aire 0.000007 0.000007 0.990 0.322

L9.Conduct 1.650170 0.073280 22.519 0.000

L9.Water 2.395642 NAN NAN NAN

L9.Temp -0.242397 0.028404 -8.534 0.000

L9.Precip. horaria -0.000002 0.000016 -0.105 0.916

L9.Temp. prom aire -0.000006 0.000007 -0.823 0.410

L10.Conduct -0.497837 NAN NAN NAN

L10.Water -1.272007 NAN NAN NAN

L10.Temp 0.028984 NAN NAN NAN

L10.Precip. horaria -0.000001 0.000016 -0.090 0.928

L10.Temp. prom aire -0.000001 0.000007 -0.174 0.862

L11.Conduct -0.026407 NAN NAN NAN

L11.Water 0.538050 NAN NAN NAN

L11.Temp -0.006995 NAN NAN NAN

L11.Precip. horaria -0.000001 0.000016 -0.049 0.961

L11.Temp. prom aire 0.000005 0.000007 0.676 0.499

L12.Conduct 0.105899 NAN NAN NAN

L12.Water -0.173606 NAN NAN NAN

L12.Temp -0.016419 NAN NAN NAN

L12.Precip. horaria 0.000004 0.000016 0.259 0.796

L12.Temp. prom aire -0.000006 0.000007 -0.881 0.378

L13.Conduct -0.019359 NAN NAN NAN

L13.Water 0.019383 NAN NAN NAN

L13.Temp 0.009955 NAN NAN NAN

L13.Precip. horaria 0.000004 0.000016 0.242 0.809

L13.Temp. prom aire 0.000007 0.000007 1.015 0.310

L14.Conduct -0.170743 NAN NAN NAN

L14.Water 0.010772 NAN NAN NAN

L14.Temp 0.039216 NAN NAN NAN

L14.Precip. horaria 0.000005 0.000016 0.324 0.746

L14.Temp. prom aire -0.000006 0.000007 -0.799 0.424

L15.Conduct 0.424874 NAN NAN NAN

L15.Water -0.032060 NAN NAN NAN

L15.Temp -0.055218 0.046593 -1.185 0.236

L15.Precip. horaria 0.000005 0.000016 0.306 0.760

L15.Temp. prom aire -0.000001 0.000007 -0.082 0.934

L16.Conduct -0.547150 0.401585 -1.362 0.173

L16.Water 0.129111 NAN NAN NAN

L16.Temp 0.080605 0.069823 1.154 0.248

L16.Precip. horaria 0.000000 0.000016 0.020 0.984

L16.Temp. prom aire 0.000001 0.000007 0.165 0.869

L17.Conduct 0.287630 0.265427 1.084 0.279

L17.Water -0.049068 NAN NAN NAN

L17.Temp -0.027073 0.047222 -0.573 0.566

L17.Precip. horaria 0.000002 0.000016 0.131 0.896

L17.Temp. prom aire 0.000001 0.000007 0.108 0.914

L18.Conduct 0.221775 NAN NAN NAN

L18.Water -0.198926 NAN NAN NAN

L18.Temp -0.046435 NAN NAN NAN

L18.Precip. horaria 0.000001 0.000016 0.082 0.935

L18.Temp. prom aire 0.000001 0.000007 0.110 0.913

L19.Conduct -0.406124 NAN NAN NAN

L19.Water -0.382946 NAN NAN NAN

L19.Temp 0.042274 0.016698 2.532 0.011

L19.Precip. horaria -0.000001 0.000016 -0.092 0.927

L19.Temp. prom aire 0.000001 0.000007 0.173 0.862

L20.Conduct 0.187796 NAN NAN NAN

L20.Water 1.868940 NAN NAN NAN

L20.Temp -0.024541 0.031829 -0.771 0.441

L20.Precip. horaria -0.000003 0.000016 -0.168 0.867

L20.Temp. prom aire 0.000001 0.000007 0.166 0.868

L21.Conduct 0.026191 0.196495 0.133 0.894

L21.Water -3.164561 0.415139 -7.623 0.000

L21.Temp -0.009436 0.051823 -0.182 0.856

L21.Precip. horaria -0.000002 0.000016 -0.145 0.885

L21.Temp. prom aire 0.000002 0.000007 0.229 0.819

L22.Conduct -0.290708 0.223511 -1.301 0.193

L22.Water 4.702636 NAN NAN NAN

L22.Temp 0.060713 0.044756 1.357 0.175

L22.Precip. horaria -0.000009 0.000016 -0.587 0.558

L22.Temp. prom aire -0.000003 0.000007 -0.462 0.644

L23.Conduct 0.413508 NAN NAN NAN

L23.Water -5.983975 NAN NAN NAN

L23.Temp 0.754513 0.153940 4.901 0.000

L23.Precip. horaria -0.000002 0.000016 -0.112 0.911

L23.Temp. prom aire 0.000003 0.000007 0.414 0.679

L24.Conduct -0.070574 NAN NAN NAN

L24.Water 5.361544 NAN NAN NAN

L24.Temp -4.535298 0.459941 -9.861 0.000

L24.Precip. horaria 0.000002 0.000016 0.139 0.890

L24.Temp. prom aire -0.000002 0.000007 -0.223 0.824

L25.Conduct -0.125240 0.035237 -3.554 0.000

L25.Water -2.940002 NAN NAN NAN

L25.Temp 9.574931 0.294743 32.486 0.000

L25.Precip. horaria 0.000006 0.000016 0.389 0.697

L25.Temp. prom aire 0.000003 0.000007 0.395 0.693

L26.Conduct -0.006844 0.033960 -0.202 0.840

L26.Water -3.279013 NAN NAN NAN

L26.Temp -9.104264 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000016 -0.114 0.909

L26.Temp. prom aire 0.000001 0.000007 0.083 0.934

L27.Conduct 0.006338 0.033827 0.187 0.851

L27.Water 13.298654 NAN NAN NAN

L27.Temp 3.379093 NAN NAN NAN

L27.Precip. horaria 0.000001 0.000016 0.091 0.927

L27.Temp. prom aire -0.000005 0.000007 -0.702 0.483

L28.Conduct 0.014972 0.033661 0.445 0.656

L28.Water -19.973288 NAN NAN NAN

L28.Temp -0.099320 NAN NAN NAN

L28.Precip. horaria -0.000006 0.000016 -0.375 0.708

L28.Temp. prom aire -0.000003 0.000007 -0.477 0.633

L29.Conduct 0.016354 0.033878 0.483 0.629

L29.Water 19.620889 0.515312 38.076 0.000

L29.Temp 0.390407 NAN NAN NAN

L29.Precip. horaria 0.000001 0.000016 0.076 0.940

L29.Temp. prom aire -0.000003 0.000007 -0.470 0.639

L30.Conduct -0.000393 0.033931 -0.012 0.991

L30.Water -15.588650 NAN NAN NAN

L30.Temp -0.813176 NAN NAN NAN

L30.Precip. horaria 0.000005 0.000016 0.322 0.747

L30.Temp. prom aire -0.000006 0.000007 -0.856 0.392

L31.Conduct -0.001754 0.033714 -0.052 0.959

L31.Water 10.715052 NAN NAN NAN

L31.Temp 0.921083 0.627512 1.468 0.142

L31.Precip. horaria -0.000003 0.000016 -0.162 0.871

L31.Temp. prom aire 0.000003 0.000007 0.419 0.675

L32.Conduct 0.005181 0.033624 0.154 0.878

L32.Water -6.011286 NAN NAN NAN

L32.Temp -0.882946 NAN NAN NAN

L32.Precip. horaria 0.000005 0.000016 0.291 0.771

L32.Temp. prom aire 0.000003 0.000007 0.414 0.679

L33.Conduct -0.012547 0.033689 -0.372 0.710

L33.Water 2.042070 NAN NAN NAN

L33.Temp 0.731953 NAN NAN NAN

L33.Precip. horaria -0.000004 0.000016 -0.261 0.794

L33.Temp. prom aire -0.000002 0.000007 -0.288 0.773

L34.Conduct 0.014617 0.033688 0.434 0.664

L34.Water 1.109376 NAN NAN NAN

L34.Temp -0.965124 NAN NAN NAN

L34.Precip. horaria -0.000003 0.000016 -0.165 0.869

L34.Temp. prom aire 0.000006 0.000007 0.906 0.365

L35.Conduct -0.011699 0.033631 -0.348 0.728

L35.Water -3.291017 NAN NAN NAN

L35.Temp 1.513479 NAN NAN NAN

L35.Precip. horaria 0.000004 0.000016 0.238 0.812

L35.Temp. prom aire -0.000005 0.000007 -0.670 0.503

L36.Conduct -0.005921 0.033630 -0.176 0.860

L36.Water 4.011030 NAN NAN NAN

L36.Temp -1.741664 NAN NAN NAN

L36.Precip. horaria -0.000005 0.000016 -0.333 0.739

L36.Temp. prom aire 0.000003 0.000007 0.369 0.712

L37.Conduct 0.007047 0.033657 0.209 0.834

L37.Water -3.061188 NAN NAN NAN

L37.Temp 1.155937 0.218151 5.299 0.000

L37.Precip. horaria -0.000004 0.000016 -0.241 0.809

L37.Temp. prom aire -0.000001 0.000007 -0.101 0.919

L38.Conduct -0.006910 0.033669 -0.205 0.837

L38.Water 1.245611 NAN NAN NAN

L38.Temp -0.131434 NAN NAN NAN

L38.Precip. horaria 0.000000 0.000016 0.017 0.987

L38.Temp. prom aire 0.000000 0.000007 0.069 0.945

L39.Conduct 0.014260 0.033504 0.426 0.670

L39.Water -0.007824 NAN NAN NAN

L39.Temp -0.572872 0.596575 -0.960 0.337

L39.Precip. horaria -0.000006 0.000016 -0.379 0.705

L39.Temp. prom aire 0.000001 0.000007 0.097 0.923

L40.Conduct -0.001024 0.033483 -0.031 0.976

L40.Water 0.354763 NAN NAN NAN

L40.Temp 0.606495 NAN NAN NAN

L40.Precip. horaria 0.000005 0.000016 0.348 0.728

L40.Temp. prom aire -0.000001 0.000007 -0.126 0.900

L41.Conduct -0.004090 0.033385 -0.123 0.902

L41.Water -1.981987 NAN NAN NAN

L41.Temp -0.134859 0.493937 -0.273 0.785

L41.Precip. horaria 0.000008 0.000016 0.491 0.623

L41.Temp. prom aire -0.000001 0.000007 -0.198 0.843

L42.Conduct -0.005599 0.033373 -0.168 0.867

L42.Water 3.561588 NAN NAN NAN

L42.Temp -0.367919 NAN NAN NAN

L42.Precip. horaria -0.000004 0.000016 -0.251 0.802

L42.Temp. prom aire -0.000001 0.000007 -0.179 0.858

L43.Conduct -0.001164 0.033542 -0.035 0.972

L43.Water -4.414672 NAN NAN NAN

L43.Temp 0.313445 NAN NAN NAN

L43.Precip. horaria 0.000001 0.000016 0.063 0.950

L43.Temp. prom aire -0.000001 0.000007 -0.124 0.901

L44.Conduct -0.008642 0.033492 -0.258 0.796

L44.Water 4.805318 NAN NAN NAN

L44.Temp 0.713183 NAN NAN NAN

L44.Precip. horaria -0.000002 0.000016 -0.132 0.895

L44.Temp. prom aire -0.000002 0.000007 -0.222 0.824

L45.Conduct 0.023219 0.033588 0.691 0.489

L45.Water -4.355638 NAN NAN NAN

L45.Temp -2.001556 NAN NAN NAN

L45.Precip. horaria -0.000005 0.000015 -0.295 0.768

L45.Temp. prom aire 0.000001 0.000007 0.120 0.904

L46.Conduct 0.014962 0.033044 0.453 0.651

L46.Water 2.646316 NAN NAN NAN

L46.Temp 2.143524 0.662216 3.237 0.001

L46.Precip. horaria -0.000001 0.000015 -0.091 0.928

L46.Temp. prom aire 0.000001 0.000007 0.208 0.835

L47.Conduct -0.042000 0.023540 -1.784 0.074

L47.Water -0.856789 0.124713 -6.870 0.000

L47.Temp -1.129254 0.448231 -2.519 0.012

L47.Precip. horaria -0.000007 0.000015 -0.452 0.651

L47.Temp. prom aire 0.000001 0.000007 0.151 0.880

L48.Conduct 0.017484 0.006999 2.498 0.012

L48.Water 0.100216 0.057282 1.750 0.080

L48.Temp 0.241965 0.097983 2.469 0.014

L48.Precip. horaria 0.000000 0.000013 0.003 0.998

L48.Temp. prom aire 0.000004 0.000004 0.985 0.325

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.031036 0.026809 -1.158 0.247

L1.Conduct -12.294918 24.120192 -0.510 0.610

L1.Water -117.177825 NAN NAN NAN

L1.Temp 3.842394 7.404152 0.519 0.604

L1.Precip. horaria 0.568384 0.009325 60.951 0.000

L1.Temp. prom aire -0.002062 0.002638 -0.782 0.434

L2.Conduct 51.839926 104.869796 0.494 0.621

L2.Water 243.188952 NAN NAN NAN

L2.Temp -16.027068 26.454070 -0.606 0.545

L2.Precip. horaria 0.140475 0.010704 13.124 0.000

L2.Temp. prom aire 0.007904 0.004605 1.716 0.086

L3.Conduct -97.036086 202.740847 -0.479 0.632

L3.Water 917.531193 NAN NAN NAN

L3.Temp 26.104244 41.748520 0.625 0.532

L3.Precip. horaria 0.010075 0.010787 0.934 0.350

L3.Temp. prom aire -0.005332 0.004850 -1.099 0.272

L4.Conduct 157.381648 253.899678 0.620 0.535

L4.Water -4900.983595 NAN NAN NAN

L4.Temp -30.224112 46.158899 -0.655 0.513

L4.Precip. horaria -0.023431 0.010797 -2.170 0.030

L4.Temp. prom aire 0.002867 0.004852 0.591 0.555

L5.Conduct -326.229412 249.838173 -1.306 0.192

L5.Water 10894.679303 NAN NAN NAN

L5.Temp 46.445333 44.198861 1.051 0.293

L5.Precip. horaria -0.004283 0.010792 -0.397 0.691

L5.Temp. prom aire -0.004684 0.004853 -0.965 0.335

L6.Conduct 552.311257 206.075351 2.680 0.007

L6.Water -16068.125097 NAN NAN NAN

L6.Temp -67.807228 38.778419 -1.749 0.080

L6.Precip. horaria 0.009664 0.010792 0.895 0.371

L6.Temp. prom aire 0.003986 0.004852 0.822 0.411

L7.Conduct -600.414119 173.803019 -3.455 0.001

L7.Water 18633.017206 NAN NAN NAN

L7.Temp 60.810886 35.291255 1.723 0.085

L7.Precip. horaria 0.040842 0.010792 3.785 0.000

L7.Temp. prom aire -0.002107 0.004853 -0.434 0.664

L8.Conduct 429.133354 157.365223 2.727 0.006

L8.Water -18792.247303 NAN NAN NAN

L8.Temp -24.132033 30.079898 -0.802 0.422

L8.Precip. horaria -0.044750 0.010791 -4.147 0.000

L8.Temp. prom aire 0.003595 0.004855 0.740 0.459

L9.Conduct -261.740770 50.943510 -5.138 0.000

L9.Water 17430.561761 NAN NAN NAN

L9.Temp 3.939025 19.745730 0.199 0.842

L9.Precip. horaria 0.032166 0.010800 2.978 0.003

L9.Temp. prom aire -0.002562 0.004851 -0.528 0.597

L10.Conduct 298.428705 NAN NAN NAN

L10.Water -15997.787094 NAN NAN NAN

L10.Temp -26.895288 NAN NAN NAN

L10.Precip. horaria 0.045449 0.010804 4.207 0.000

L10.Temp. prom aire 0.003873 0.004855 0.798 0.425

L11.Conduct -592.284912 NAN NAN NAN

L11.Water 16488.602485 NAN NAN NAN

L11.Temp 79.395548 NAN NAN NAN

L11.Precip. horaria -0.012266 0.010806 -1.135 0.256

L11.Temp. prom aire -0.001533 0.004854 -0.316 0.752

L12.Conduct 1113.346274 NAN NAN NAN

L12.Water -19551.407768 NAN NAN NAN

L12.Temp -156.923315 NAN NAN NAN

L12.Precip. horaria 0.030580 0.010806 2.830 0.005

L12.Temp. prom aire -0.004047 0.004854 -0.834 0.404

L13.Conduct -1731.939167 NAN NAN NAN

L13.Water 22865.703318 NAN NAN NAN

L13.Temp 230.441360 NAN NAN NAN

L13.Precip. horaria -0.003984 0.010813 -0.368 0.713

L13.Temp. prom aire 0.002847 0.004856 0.586 0.558

L14.Conduct 2076.710603 NAN NAN NAN

L14.Water -22107.502922 NAN NAN NAN

L14.Temp -249.795163 NAN NAN NAN

L14.Precip. horaria -0.022316 0.010813 -2.064 0.039

L14.Temp. prom aire 0.003360 0.004852 0.692 0.489

L15.Conduct -1869.697873 NAN NAN NAN

L15.Water 14643.102829 NAN NAN NAN

L15.Temp 209.878857 32.390465 6.480 0.000

L15.Precip. horaria 0.019180 0.010812 1.774 0.076

L15.Temp. prom aire -0.003461 0.004857 -0.713 0.476

L16.Conduct 1425.018235 279.176136 5.104 0.000

L16.Water -2494.439491 NAN NAN NAN

L16.Temp -163.287891 48.540152 -3.364 0.001

L16.Precip. horaria -0.028287 0.010815 -2.616 0.009

L16.Temp. prom aire 0.001533 0.004856 0.316 0.752

L17.Conduct -1156.495752 184.521094 -6.268 0.000

L17.Water -8097.794637 NAN NAN NAN

L17.Temp 161.604412 32.828318 4.923 0.000

L17.Precip. horaria 0.010670 0.010818 0.986 0.324

L17.Temp. prom aire 0.000182 0.004855 0.038 0.970

L18.Conduct 1041.672301 NAN NAN NAN

L18.Water 10490.746902 NAN NAN NAN

L18.Temp -169.424625 NAN NAN NAN

L18.Precip. horaria 0.006692 0.010822 0.618 0.536

L18.Temp. prom aire 0.000385 0.004854 0.079 0.937

L19.Conduct -943.066878 NAN NAN NAN

L19.Water -3612.627110 NAN NAN NAN

L19.Temp 152.136456 11.608250 13.106 0.000

L19.Precip. horaria -0.011932 0.010815 -1.103 0.270

L19.Temp. prom aire -0.004476 0.004853 -0.922 0.356

L20.Conduct 818.394000 NAN NAN NAN

L20.Water -7781.129007 NAN NAN NAN

L20.Temp -123.776123 22.127094 -5.594 0.000

L20.Precip. horaria -0.010627 0.010823 -0.982 0.326

L20.Temp. prom aire 0.008644 0.004852 1.782 0.075

L21.Conduct -716.793757 136.600855 -5.247 0.000

L21.Water 18332.661585 288.598754 63.523 0.000

L21.Temp 91.434967 36.026397 2.538 0.011

L21.Precip. horaria -0.012611 0.010821 -1.165 0.244

L21.Temp. prom aire -0.005083 0.004854 -1.047 0.295

L22.Conduct 751.055168 155.381492 4.834 0.000

L22.Water -24292.865043 NAN NAN NAN

L22.Temp -81.038687 31.113866 -2.605 0.009

L22.Precip. horaria 0.003952 0.010822 0.365 0.715

L22.Temp. prom aire 0.000866 0.004855 0.178 0.858

L23.Conduct -803.211990 NAN NAN NAN

L23.Water 25027.388924 NAN NAN NAN

L23.Temp 73.541947 107.017266 0.687 0.492

L23.Precip. horaria 0.036944 0.010817 3.415 0.001

L23.Temp. prom aire -0.001839 0.004855 -0.379 0.705

L24.Conduct 586.030844 NAN NAN NAN

L24.Water -23390.616366 NAN NAN NAN

L24.Temp -268.735802 319.744280 -0.840 0.401

L24.Precip. horaria -0.011743 0.010822 -1.085 0.278

L24.Temp. prom aire -0.002700 0.004836 -0.558 0.577

L25.Conduct -191.017814 24.496269 -7.798 0.000

L25.Water 22331.937347 NAN NAN NAN

L25.Temp 1115.301932 204.901451 5.443 0.000

L25.Precip. horaria -0.024819 0.010820 -2.294 0.022

L25.Temp. prom aire 0.005161 0.004836 1.067 0.286

L26.Conduct -22.000306 23.608387 -0.932 0.351

L26.Water -22691.647903 NAN NAN NAN

L26.Temp -2224.662708 NAN NAN NAN

L26.Precip. horaria 0.013463 0.010818 1.244 0.213

L26.Temp. prom aire 0.000093 0.004855 0.019 0.985

L27.Conduct 22.627117 23.516333 0.962 0.336

L27.Water 23513.276356 NAN NAN NAN

L27.Temp 2539.984951 NAN NAN NAN

L27.Precip. horaria 0.002012 0.010812 0.186 0.852

L27.Temp. prom aire -0.004793 0.004856 -0.987 0.324

L28.Conduct 4.001566 23.400466 0.171 0.864

L28.Water -23229.395170 NAN NAN NAN

L28.Temp -2171.179290 NAN NAN NAN

L28.Precip. horaria 0.018324 0.010824 1.693 0.090

L28.Temp. prom aire 0.004625 0.004854 0.953 0.341

L29.Conduct -9.012881 23.551432 -0.383 0.702

L29.Water 21245.724515 358.237861 59.306 0.000

L29.Temp 1982.950376 NAN NAN NAN

L29.Precip. horaria -0.008211 0.010828 -0.758 0.448

L29.Temp. prom aire -0.005350 0.004854 -1.102 0.270

L30.Conduct 10.353161 23.588548 0.439 0.661

L30.Water -18606.992886 NAN NAN NAN

L30.Temp -1715.324523 NAN NAN NAN

L30.Precip. horaria -0.004508 0.010824 -0.417 0.677

L30.Temp. prom aire 0.007739 0.004855 1.594 0.111

L31.Conduct -6.822398 23.437813 -0.291 0.771

L31.Water 16692.360142 NAN NAN NAN

L31.Temp 588.199863 436.237861 1.348 0.178

L31.Precip. horaria 0.013540 0.010823 1.251 0.211

L31.Temp. prom aire -0.006385 0.004854 -1.315 0.188

L32.Conduct -1.365022 23.375015 -0.058 0.953

L32.Water -15435.569778 NAN NAN NAN

L32.Temp 1128.270261 NAN NAN NAN

L32.Precip. horaria 0.005478 0.010817 0.506 0.613

L32.Temp. prom aire 0.003303 0.004855 0.680 0.496

L33.Conduct 8.177479 23.419789 0.349 0.727

L33.Water 13754.600866 NAN NAN NAN

L33.Temp -2332.023187 NAN NAN NAN

L33.Precip. horaria 0.002087 0.010814 0.193 0.847

L33.Temp. prom aire -0.006194 0.004854 -1.276 0.202

L34.Conduct -11.387784 23.419665 -0.486 0.627

L34.Water -11918.580982 NAN NAN NAN

L34.Temp 2216.400450 NAN NAN NAN

L34.Precip. horaria -0.011021 0.010810 -1.020 0.308

L34.Temp. prom aire 0.004979 0.004856 1.025 0.305

L35.Conduct 5.537559 23.379936 0.237 0.813

L35.Water 11648.449216 NAN NAN NAN

L35.Temp -893.461044 NAN NAN NAN

L35.Precip. horaria -0.018652 0.010818 -1.724 0.085

L35.Temp. prom aire -0.005254 0.004853 -1.083 0.279

L36.Conduct 8.848929 23.378824 0.379 0.705

L36.Water -12715.419439 NAN NAN NAN

L36.Temp -894.750712 NAN NAN NAN

L36.Precip. horaria 0.011555 0.010810 1.069 0.285

L36.Temp. prom aire 0.008863 0.004855 1.826 0.068

L37.Conduct -5.855965 23.397543 -0.250 0.802

L37.Water 12313.030930 NAN NAN NAN

L37.Temp 2521.484946 151.655487 16.626 0.000

L37.Precip. horaria 0.002474 0.010801 0.229 0.819

L37.Temp. prom aire -0.003757 0.004856 -0.774 0.439

L38.Conduct -17.480416 23.406018 -0.747 0.455

L38.Water -9744.228659 NAN NAN NAN

L38.Temp -3496.358798 NAN NAN NAN

L38.Precip. horaria -0.004737 0.010811 -0.438 0.661

L38.Temp. prom aire 0.000259 0.004857 0.053 0.957

L39.Conduct 33.193446 23.291488 1.425 0.154

L39.Water 8453.716202 NAN NAN NAN

L39.Temp 3073.552940 414.730426 7.411 0.000

L39.Precip. horaria -0.000116 0.010790 -0.011 0.991

L39.Temp. prom aire -0.005086 0.004857 -1.047 0.295

L40.Conduct -32.061162 23.276780 -1.377 0.168

L40.Water -10687.752427 NAN NAN NAN

L40.Temp -1196.922477 NAN NAN NAN

L40.Precip. horaria -0.005940 0.010792 -0.550 0.582

L40.Temp. prom aire 0.005755 0.004858 1.185 0.236

L41.Conduct 21.954705 23.208481 0.946 0.344

L41.Water 13991.935925 NAN NAN NAN

L41.Temp -672.558681 343.377968 -1.959 0.050

L41.Precip. horaria -0.004150 0.010783 -0.385 0.700

L41.Temp. prom aire -0.004312 0.004859 -0.887 0.375

L42.Conduct -7.332929 23.200258 -0.316 0.752

L42.Water -15074.662044 NAN NAN NAN

L42.Temp 1218.704910 NAN NAN NAN

L42.Precip. horaria -0.003069 0.010784 -0.285 0.776

L42.Temp. prom aire -0.000112 0.004858 -0.023 0.982

L43.Conduct -5.490759 23.318023 -0.235 0.814

L43.Water 12687.478473 NAN NAN NAN

L43.Temp -611.513773 NAN NAN NAN

L43.Precip. horaria -0.000184 0.010784 -0.017 0.986

L43.Temp. prom aire 0.005482 0.004858 1.128 0.259

L44.Conduct 8.575098 23.283165 0.368 0.713

L44.Water -7650.944726 NAN NAN NAN

L44.Temp -405.751497 NAN NAN NAN

L44.Precip. horaria 0.008280 0.010776 0.768 0.442

L44.Temp. prom aire -0.002971 0.004858 -0.612 0.541

L45.Conduct -3.801358 23.349595 -0.163 0.871

L45.Water 2761.683822 NAN NAN NAN

L45.Temp 1123.782702 NAN NAN NAN

L45.Precip. horaria 0.014401 0.010767 1.338 0.181

L45.Temp. prom aire -0.004858 0.004858 -1.000 0.317

L46.Conduct -1.452033 22.971838 -0.063 0.950

L46.Water -255.063085 NAN NAN NAN

L46.Temp -1045.023548 460.362931 -2.270 0.023

L46.Precip. horaria 0.003447 0.010769 0.320 0.749

L46.Temp. prom aire 0.006900 0.004855 1.421 0.155

L47.Conduct 2.646378 16.364976 0.162 0.872

L47.Water -218.792693 86.698473 -2.524 0.012

L47.Temp 478.432163 311.603746 1.535 0.125

L47.Precip. horaria 0.008326 0.010684 0.779 0.436

L47.Temp. prom aire -0.001045 0.004613 -0.227 0.821

L48.Conduct -0.952177 4.865802 -0.196 0.845

L48.Water 72.377871 39.821318 1.818 0.069

L48.Temp -89.043815 68.116585 -1.307 0.191

L48.Precip. horaria -0.011285 0.009310 -1.212 0.225

L48.Temp. prom aire -0.001622 0.002650 -0.612 0.540

=============================================================

Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.197767 0.094873 2.085 0.037

L1.Conduct -115.230020 85.357637 -1.350 0.177

L1.Water 551.644855 NAN NAN NAN

L1.Temp -14.173701 26.202151 -0.541 0.589

L1.Precip. horaria 0.035210 0.033001 1.067 0.286

L1.Temp. prom aire 1.431127 0.009335 153.306 0.000

L2.Conduct 634.175251 371.118018 1.709 0.087

L2.Water -1994.326728 NAN NAN NAN

L2.Temp -65.286295 93.616871 -0.697 0.486

L2.Precip. horaria 0.022193 0.037880 0.586 0.558

L2.Temp. prom aire -0.576644 0.016297 -35.384 0.000

L3.Conduct -1728.977005 717.468555 -2.410 0.016

L3.Water 2035.109327 NAN NAN NAN

L3.Temp 417.651822 147.741568 2.827 0.005

L3.Precip. horaria -0.004363 0.038174 -0.114 0.909

L3.Temp. prom aire 0.075707 0.017162 4.411 0.000

L4.Conduct 3041.226879 898.511759 3.385 0.001

L4.Water 1235.781959 NAN NAN NAN

L4.Temp -713.847385 163.349218 -4.370 0.000

L4.Precip. horaria -0.017027 0.038209 -0.446 0.656

L4.Temp. prom aire -0.022674 0.017171 -1.321 0.187

L5.Conduct -3684.638431 884.138720 -4.167 0.000

L5.Water -4462.541644 NAN NAN NAN

L5.Temp 567.570551 156.412944 3.629 0.000

L5.Precip. horaria 0.008164 0.038192 0.214 0.831

L5.Temp. prom aire -0.017692 0.017176 -1.030 0.303

L6.Conduct 3159.219334 729.268850 4.332 0.000

L6.Water 4055.109961 NAN NAN NAN

L6.Temp -339.989262 137.230836 -2.477 0.013

L6.Precip. horaria 0.022698 0.038191 0.594 0.552

L6.Temp. prom aire 0.018508 0.017171 1.078 0.281

L7.Conduct -2059.887824 615.062049 -3.349 0.001

L7.Water -2535.189988 NAN NAN NAN

L7.Temp 189.819016 124.890303 1.520 0.129

L7.Precip. horaria 0.016502 0.038190 0.432 0.666

L7.Temp. prom aire -0.034557 0.017176 -2.012 0.044

L8.Conduct 1102.523169 556.891228 1.980 0.048

L8.Water 5073.876815 NAN NAN NAN

L8.Temp 27.827511 106.448117 0.261 0.794

L8.Precip. horaria 0.027077 0.038186 0.709 0.478

L8.Temp. prom aire 0.013471 0.017181 0.784 0.433

L9.Conduct -106.822132 180.281217 -0.593 0.553

L9.Water -13786.295772 NAN NAN NAN

L9.Temp -44.744456 69.877089 -0.640 0.522

L9.Precip. horaria -0.031382 0.038219 -0.821 0.412

L9.Temp. prom aire 0.007475 0.017167 0.435 0.663

L10.Conduct -1072.187927 NAN NAN NAN

L10.Water 24764.228536 NAN NAN NAN

L10.Temp 79.238172 NAN NAN NAN

L10.Precip. horaria -0.048520 0.038234 -1.269 0.204

L10.Temp. prom aire -0.003665 0.017181 -0.213 0.831

L11.Conduct 1811.035074 NAN NAN NAN

L11.Water -29436.767445 NAN NAN NAN

L11.Temp -331.227370 NAN NAN NAN

L11.Precip. horaria 0.006796 0.038241 0.178 0.859

L11.Temp. prom aire -0.018281 0.017177 -1.064 0.287

L12.Conduct -1746.979552 NAN NAN NAN

L12.Water 23663.228670 NAN NAN NAN

L12.Temp 309.844096 NAN NAN NAN

L12.Precip. horaria 0.015701 0.038240 0.411 0.681

L12.Temp. prom aire 0.018556 0.017176 1.080 0.280

L13.Conduct 1140.496888 NAN NAN NAN

L13.Water -12949.480972 NAN NAN NAN

L13.Temp -66.441679 NAN NAN NAN

L13.Precip. horaria -0.003838 0.038266 -0.100 0.920

L13.Temp. prom aire -0.017716 0.017183 -1.031 0.303

L14.Conduct -500.073235 NAN NAN NAN

L14.Water 3568.198056 NAN NAN NAN

L14.Temp -41.851807 NAN NAN NAN

L14.Precip. horaria -0.009644 0.038264 -0.252 0.801

L14.Temp. prom aire 0.027360 0.017170 1.593 0.111

L15.Conduct 111.702266 NAN NAN NAN

L15.Water 4666.266222 NAN NAN NAN

L15.Temp 9.938684 114.624855 0.087 0.931

L15.Precip. horaria 0.022292 0.038261 0.583 0.560

L15.Temp. prom aire -0.014983 0.017188 -0.872 0.383

L16.Conduct 692.237885 987.961243 0.701 0.484

L16.Water -11886.958379 NAN NAN NAN

L16.Temp -128.480864 171.776105 -0.748 0.454

L16.Precip. horaria -0.018400 0.038271 -0.481 0.631

L16.Temp. prom aire -0.000607 0.017184 -0.035 0.972

L17.Conduct -1953.117093 652.991662 -2.991 0.003

L17.Water 14569.856164 NAN NAN NAN

L17.Temp 389.760502 116.174347 3.355 0.001

L17.Precip. horaria 0.012236 0.038285 0.320 0.749

L17.Temp. prom aire 0.019621 0.017183 1.142 0.253

L18.Conduct 1931.398655 NAN NAN NAN

L18.Water -12494.304583 NAN NAN NAN

L18.Temp -316.943291 NAN NAN NAN

L18.Precip. horaria 0.004547 0.038297 0.119 0.905

L18.Temp. prom aire -0.021706 0.017177 -1.264 0.206

L19.Conduct -61.692082 NAN NAN NAN

L19.Water 8910.473418 NAN NAN NAN

L19.Temp 4.095972 41.079803 0.100 0.921

L19.Precip. horaria -0.023601 0.038274 -0.617 0.537

L19.Temp. prom aire 0.020779 0.017174 1.210 0.226

L20.Conduct -1537.070944 NAN NAN NAN

L20.Water -4749.062071 NAN NAN NAN

L20.Temp 149.025248 78.304368 1.903 0.057

L20.Precip. horaria -0.021910 0.038302 -0.572 0.567

L20.Temp. prom aire -0.022014 0.017170 -1.282 0.200

L21.Conduct 952.812997 483.409335 1.971 0.049

L21.Water 153.253722 1021.306433 0.150 0.881

L21.Temp 21.387219 127.491857 0.168 0.867

L21.Precip. horaria 0.015303 0.038293 0.400 0.689

L21.Temp. prom aire 0.015074 0.017178 0.878 0.380

L22.Conduct 869.070237 549.871112 1.580 0.114

L22.Water 3753.873193 NAN NAN NAN

L22.Temp -272.315757 110.107168 -2.473 0.013

L22.Precip. horaria 0.006042 0.038297 0.158 0.875

L22.Temp. prom aire 0.031761 0.017180 1.849 0.065

L23.Conduct -1560.150083 NAN NAN NAN

L23.Water -5647.385005 NAN NAN NAN

L23.Temp -358.246419 378.717583 -0.946 0.344

L23.Precip. horaria 0.031885 0.038281 0.833 0.405

L23.Temp. prom aire 0.053013 0.017181 3.085 0.002

L24.Conduct 804.278290 NAN NAN NAN

L24.Water 3275.971582 NAN NAN NAN

L24.Temp 2821.957663 1131.525642 2.494 0.013

L24.Precip. horaria -0.009231 0.038297 -0.241 0.810

L24.Temp. prom aire 0.117455 0.017114 6.863 0.000

L25.Conduct -88.715325 86.688515 -1.023 0.306

L25.Water 4000.669634 NAN NAN NAN

L25.Temp -6324.816215 725.114602 -8.723 0.000

L25.Precip. horaria 0.021214 0.038290 0.554 0.580

L25.Temp. prom aire -0.173051 0.017112 -10.113 0.000

L26.Conduct -83.531522 83.546435 -1.000 0.317

L26.Water -13046.013685 NAN NAN NAN

L26.Temp 8052.828567 NAN NAN NAN

L26.Precip. horaria 0.002443 0.038284 0.064 0.949

L26.Temp. prom aire 0.000351 0.017180 0.020 0.984

L27.Conduct 115.262449 83.220671 1.385 0.166

L27.Water 19287.133861 NAN NAN NAN

L27.Temp -6763.768464 NAN NAN NAN

L27.Precip. horaria -0.029185 0.038262 -0.763 0.446

L27.Temp. prom aire 0.012284 0.017184 0.715 0.475

L28.Conduct -113.511863 82.810636 -1.371 0.170

L28.Water -19736.271027 NAN NAN NAN

L28.Temp 4589.959019 NAN NAN NAN

L28.Precip. horaria 0.019474 0.038305 0.508 0.611

L28.Temp. prom aire -0.017992 0.017178 -1.047 0.295

L29.Conduct 103.236640 83.344883 1.239 0.215

L29.Water 15896.030847 1267.748482 12.539 0.000

L29.Temp -3103.426184 NAN NAN NAN

L29.Precip. horaria -0.036605 0.038318 -0.955 0.339

L29.Temp. prom aire 0.023389 0.017179 1.361 0.173

L30.Conduct -80.695240 83.476231 -0.967 0.334

L30.Water -12178.519411 NAN NAN NAN

L30.Temp 1283.638949 NAN NAN NAN

L30.Precip. horaria -0.016497 0.038303 -0.431 0.667

L30.Temp. prom aire 0.012383 0.017181 0.721 0.471

L31.Conduct 6.375059 82.942802 0.077 0.939

L31.Water 9108.996013 NAN NAN NAN

L31.Temp 1337.953897 1543.778440 0.867 0.386

L31.Precip. horaria -0.022144 0.038303 -0.578 0.563

L31.Temp. prom aire -0.013517 0.017179 -0.787 0.431

L32.Conduct 47.104502 82.720570 0.569 0.569

L32.Water -4095.533814 NAN NAN NAN

L32.Temp -3797.803435 NAN NAN NAN

L32.Precip. horaria 0.046020 0.038281 1.202 0.229

L32.Temp. prom aire -0.004619 0.017181 -0.269 0.788

L33.Conduct -49.641150 82.879016 -0.599 0.549

L33.Water -1426.895995 NAN NAN NAN

L33.Temp 5625.298941 NAN NAN NAN

L33.Precip. horaria -0.005555 0.038269 -0.145 0.885

L33.Temp. prom aire 0.018706 0.017177 1.089 0.276

L34.Conduct 3.967569 82.878578 0.048 0.962

L34.Water 3561.714860 NAN NAN NAN

L34.Temp -6365.657181 NAN NAN NAN

L34.Precip. horaria -0.027906 0.038254 -0.729 0.466

L34.Temp. prom aire -0.018949 0.017184 -1.103 0.270

L35.Conduct 35.311176 82.737984 0.427 0.670

L35.Water -1620.335055 NAN NAN NAN

L35.Temp 6481.348845 NAN NAN NAN

L35.Precip. horaria 0.014939 0.038282 0.390 0.696

L35.Temp. prom aire 0.031274 0.017174 1.821 0.069

L36.Conduct -27.429164 82.734050 -0.332 0.740

L36.Water -2161.944221 NAN NAN NAN

L36.Temp -8079.472967 NAN NAN NAN

L36.Precip. horaria -0.020720 0.038256 -0.542 0.588

L36.Temp. prom aire -0.037274 0.017180 -2.170 0.030

L37.Conduct 39.448403 82.800293 0.476 0.634

L37.Water 5007.003533 NAN NAN NAN

L37.Temp 10217.603083 536.685354 19.038 0.000

L37.Precip. horaria -0.035943 0.038223 -0.940 0.347

L37.Temp. prom aire 0.020909 0.017185 1.217 0.224

L38.Conduct -48.330840 82.830285 -0.583 0.560

L38.Water -6471.781348 NAN NAN NAN

L38.Temp -8951.581661 NAN NAN NAN

L38.Precip. horaria 0.000593 0.038258 0.016 0.988

L38.Temp. prom aire -0.001038 0.017188 -0.060 0.952

L39.Conduct -37.999115 82.424980 -0.461 0.645

L39.Water 8660.182298 NAN NAN NAN

L39.Temp 4630.926775 1467.666947 3.155 0.002

L39.Precip. horaria 0.027773 0.038184 0.727 0.467

L39.Temp. prom aire -0.021218 0.017189 -1.234 0.217

L40.Conduct 135.585229 82.372930 1.646 0.100

L40.Water -10013.610839 NAN NAN NAN

L40.Temp -2397.690625 NAN NAN NAN

L40.Precip. horaria -0.043767 0.038191 -1.146 0.252

L40.Temp. prom aire -0.011931 0.017191 -0.694 0.488

L41.Conduct -53.104422 82.131233 -0.647 0.518

L41.Water 6756.178850 NAN NAN NAN

L41.Temp 4970.249489 1215.161615 4.090 0.000

L41.Precip. horaria 0.018201 0.038159 0.477 0.633

L41.Temp. prom aire 0.005297 0.017194 0.308 0.758

L42.Conduct -103.280986 82.102132 -1.258 0.208

L42.Water -2871.622141 NAN NAN NAN

L42.Temp -8409.306160 NAN NAN NAN

L42.Precip. horaria -0.020144 0.038163 -0.528 0.598

L42.Temp. prom aire 0.017384 0.017191 1.011 0.312

L43.Conduct 52.134960 82.518883 0.632 0.528

L43.Water 5209.786808 NAN NAN NAN

L43.Temp 6859.445788 NAN NAN NAN

L43.Precip. horaria 0.021659 0.038162 0.568 0.570

L43.Temp. prom aire -0.013535 0.017191 -0.787 0.431

L44.Conduct 101.481189 82.395527 1.232 0.218

L44.Water -11275.026911 NAN NAN NAN

L44.Temp -1817.006198 NAN NAN NAN

L44.Precip. horaria -0.011373 0.038134 -0.298 0.766

L44.Temp. prom aire 0.027180 0.017191 1.581 0.114

L45.Conduct -93.374718 82.630610 -1.130 0.258

L45.Water 13493.305594 NAN NAN NAN

L45.Temp -473.657840 NAN NAN NAN

L45.Precip. horaria -0.024540 0.038103 -0.644 0.520

L45.Temp. prom aire -0.017038 0.017193 -0.991 0.322

L46.Conduct -16.575756 81.293787 -0.204 0.838

L46.Water -9678.471125 NAN NAN NAN

L46.Temp -272.419106 1629.153336 -0.167 0.867

L46.Precip. horaria 0.033341 0.038111 0.875 0.382

L46.Temp. prom aire 0.001883 0.017180 0.110 0.913

L47.Conduct 51.888446 57.913124 0.896 0.370

L47.Water 3971.062568 306.812512 12.943 0.000

L47.Temp 588.944463 1102.717550 0.534 0.593

L47.Precip. horaria 0.002668 0.037808 0.071 0.944

L47.Temp. prom aire 0.103688 0.016324 6.352 0.000

L48.Conduct -18.955663 17.219324 -1.101 0.271

L48.Water -710.600788 140.921495 -5.043 0.000

L48.Temp -176.144746 241.054078 -0.731 0.465

L48.Precip. horaria -0.012535 0.032947 -0.380 0.704

L48.Temp. prom aire -0.080542 0.009377 -8.589 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.231720 0.675573 0.013262 -0.017508

Water 0.231720 1.000000 -0.114824 0.011765 -0.002086

Temp 0.675573 -0.114824 1.000000 0.003107 -0.032292

Precip. horaria 0.013262 0.011765 0.003107 1.000000 -0.024883

Temp. prom aire -0.017508 -0.002086 -0.032292 -0.024883 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -56.9687

Nobs: 11641.0 HQIC: -57.4748

Log likelihood: 254638. FPE: 8.46896e-26

AIC: -57.7308 Det(Omega\_mle): 7.64423e-26

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000091 0.000030 3.067 0.002

L1.Conduct 5.234319 NAN NAN NAN

L1.Water -0.876897 0.068677 -12.768 0.000

L1.Temp -1.558646 0.005452 -285.895 0.000

L1.Precip. horaria 0.000001 0.000010 0.139 0.889

L1.Temp. prom aire -0.000006 0.000003 -2.098 0.036

L2.Conduct -11.871470 NAN NAN NAN

L2.Water 4.560766 0.274465 16.617 0.000

L2.Temp 6.514420 NAN NAN NAN

L2.Precip. horaria -0.000003 0.000011 -0.261 0.794

L2.Temp. prom aire -0.000000 0.000005 -0.100 0.921

L3.Conduct 15.577001 NAN NAN NAN

L3.Water -9.857026 0.403485 -24.430 0.000

L3.Temp -10.976187 NAN NAN NAN

L3.Precip. horaria -0.000004 0.000011 -0.353 0.724

L3.Temp. prom aire 0.000002 0.000005 0.350 0.726

L4.Conduct -13.533431 NAN NAN NAN

L4.Water 10.906392 0.203450 53.607 0.000

L4.Temp 10.001082 NAN NAN NAN

L4.Precip. horaria 0.000004 0.000011 0.334 0.738

L4.Temp. prom aire 0.000006 0.000005 1.147 0.251

L5.Conduct 8.655183 NAN NAN NAN

L5.Water -5.744984 0.274004 -20.967 0.000

L5.Temp -6.202996 NAN NAN NAN

L5.Precip. horaria -0.000002 0.000011 -0.138 0.890

L5.Temp. prom aire -0.000002 0.000005 -0.335 0.737

L6.Conduct -4.576367 NAN NAN NAN

L6.Water 0.238043 0.468202 0.508 0.611

L6.Temp 3.393783 NAN NAN NAN

L6.Precip. horaria 0.000005 0.000011 0.457 0.648

L6.Temp. prom aire 0.000003 0.000005 0.504 0.614

L7.Conduct 2.328484 NAN NAN NAN

L7.Water 1.528356 0.470523 3.248 0.001

L7.Temp -1.707067 NAN NAN NAN

L7.Precip. horaria 0.000003 0.000011 0.302 0.763

L7.Temp. prom aire -0.000002 0.000005 -0.401 0.689

L8.Conduct -1.353962 NAN NAN NAN

L8.Water -1.166214 0.452491 -2.577 0.010

L8.Temp 0.971983 NAN NAN NAN

L8.Precip. horaria -0.000006 0.000011 -0.559 0.576

L8.Temp. prom aire 0.000005 0.000005 0.998 0.318

L9.Conduct 1.052423 NAN NAN NAN

L9.Water 0.044993 0.443202 0.102 0.919

L9.Temp -0.800898 NAN NAN NAN

L9.Precip. horaria -0.000000 0.000011 -0.015 0.988

L9.Temp. prom aire -0.000002 0.000005 -0.425 0.671

L10.Conduct -1.097140 NAN NAN NAN

L10.Water 1.435378 0.493296 2.910 0.004

L10.Temp 0.780661 NAN NAN NAN

L10.Precip. horaria 0.000000 0.000011 0.005 0.996

L10.Temp. prom aire -0.000007 0.000005 -1.282 0.200

L11.Conduct 1.150052 NAN NAN NAN

L11.Water -2.231240 0.468615 -4.761 0.000

L11.Temp -0.841806 NAN NAN NAN

L11.Precip. horaria -0.000007 0.000011 -0.589 0.556

L11.Temp. prom aire 0.000008 0.000005 1.482 0.138

L12.Conduct -0.969300 NAN NAN NAN

L12.Water 1.912018 0.267809 7.139 0.000

L12.Temp 0.699419 NAN NAN NAN

L12.Precip. horaria -0.000003 0.000011 -0.265 0.791

L12.Temp. prom aire -0.000005 0.000005 -1.000 0.317

L13.Conduct 0.634236 NAN NAN NAN

L13.Water -0.976574 0.325145 -3.004 0.003

L13.Temp -0.452620 NAN NAN NAN

L13.Precip. horaria -0.000002 0.000011 -0.156 0.876

L13.Temp. prom aire 0.000004 0.000005 0.722 0.470

L14.Conduct -0.392702 0.060559 -6.485 0.000

L14.Water 0.253765 0.407992 0.622 0.534

L14.Temp 0.290699 0.059684 4.871 0.000

L14.Precip. horaria -0.000004 0.000011 -0.331 0.741

L14.Temp. prom aire -0.000000 0.000005 -0.052 0.958

L15.Conduct 0.346995 NAN NAN NAN

L15.Water -0.148311 NAN NAN NAN

L15.Temp -0.241622 NAN NAN NAN

L15.Precip. horaria 0.000003 0.000011 0.248 0.804

L15.Temp. prom aire -0.000002 0.000005 -0.441 0.659

L16.Conduct -0.377570 NAN NAN NAN

L16.Water 0.363555 NAN NAN NAN

L16.Temp 0.275409 NAN NAN NAN

L16.Precip. horaria -0.000000 0.000011 -0.038 0.969

L16.Temp. prom aire -0.000000 0.000005 -0.085 0.933

L17.Conduct 0.297214 NAN NAN NAN

L17.Water -0.183473 0.366485 -0.501 0.617

L17.Temp -0.209364 NAN NAN NAN

L17.Precip. horaria -0.000000 0.000011 -0.031 0.976

L17.Temp. prom aire 0.000003 0.000005 0.616 0.538

L18.Conduct -0.060238 NAN NAN NAN

L18.Water -0.709745 0.245546 -2.890 0.004

L18.Temp 0.043312 NAN NAN NAN

L18.Precip. horaria 0.000005 0.000011 0.423 0.672

L18.Temp. prom aire -0.000003 0.000005 -0.523 0.601

L19.Conduct -0.122482 0.044086 -2.778 0.005

L19.Water 1.672395 NAN NAN NAN

L19.Temp 0.089238 0.035688 2.501 0.012

L19.Precip. horaria 0.000001 0.000011 0.116 0.907

L19.Temp. prom aire 0.000002 0.000005 0.340 0.734

L20.Conduct 0.067121 0.118496 0.566 0.571

L20.Water -2.354899 NAN NAN NAN

L20.Temp -0.058490 0.089416 -0.654 0.513

L20.Precip. horaria -0.000001 0.000011 -0.130 0.897

L20.Temp. prom aire 0.000001 0.000005 0.229 0.819

L21.Conduct 0.133138 0.067749 1.965 0.049

L21.Water 2.912870 NAN NAN NAN

L21.Temp -0.098706 0.060265 -1.638 0.101

L21.Precip. horaria 0.000002 0.000011 0.158 0.875

L21.Temp. prom aire -0.000000 0.000005 -0.024 0.981

L22.Conduct -0.562960 0.033264 -16.924 0.000

L22.Water -3.437015 0.408403 -8.416 0.000

L22.Temp 0.398086 0.044850 8.876 0.000

L22.Precip. horaria 0.000007 0.000011 0.619 0.536

L22.Temp. prom aire -0.000000 0.000005 -0.076 0.940

L23.Conduct 1.148756 0.101297 11.340 0.000

L23.Water 4.691263 0.521912 8.989 0.000

L23.Temp -1.507236 0.073757 -20.435 0.000

L23.Precip. horaria 0.000003 0.000011 0.247 0.805

L23.Temp. prom aire -0.000001 0.000005 -0.272 0.786

L24.Conduct -1.096146 0.087073 -12.589 0.000

L24.Water -7.894421 0.359372 -21.967 0.000

L24.Temp 3.148603 0.240640 13.084 0.000

L24.Precip. horaria -0.000014 0.000011 -1.210 0.226

L24.Temp. prom aire 0.000002 0.000005 0.486 0.627

L25.Conduct 0.395929 0.030817 12.848 0.000

L25.Water 14.371800 NAN NAN NAN

L25.Temp -4.801275 0.263070 -18.251 0.000

L25.Precip. horaria -0.000004 0.000011 -0.323 0.746

L25.Temp. prom aire 0.000004 0.000005 0.875 0.382

L26.Conduct 0.009589 0.008119 1.181 0.238

L26.Water -22.968520 NAN NAN NAN

L26.Temp 7.953424 NAN NAN NAN

L26.Precip. horaria 0.000027 0.000011 2.332 0.020

L26.Temp. prom aire -0.000007 0.000005 -1.458 0.145

L27.Conduct -0.018013 0.008121 -2.218 0.027

L27.Water 27.269828 NAN NAN NAN

L27.Temp -11.199911 NAN NAN NAN

L27.Precip. horaria 0.000006 0.000011 0.510 0.610

L27.Temp. prom aire 0.000007 0.000005 1.411 0.158

L28.Conduct 0.009429 0.008140 1.158 0.247

L28.Water -23.336155 NAN NAN NAN

L28.Temp 10.331976 NAN NAN NAN

L28.Precip. horaria -0.000017 0.000011 -1.517 0.129

L28.Temp. prom aire -0.000012 0.000005 -2.442 0.015

L29.Conduct -0.006096 0.008171 -0.746 0.456

L29.Water 15.873551 0.258977 61.293 0.000

L29.Temp -6.279474 0.402134 -15.615 0.000

L29.Precip. horaria 0.000006 0.000011 0.568 0.570

L29.Temp. prom aire 0.000009 0.000005 1.743 0.081

L30.Conduct -0.001262 0.008175 -0.154 0.877

L30.Water -9.944834 0.141185 -70.438 0.000

L30.Temp 2.816558 NAN NAN NAN

L30.Precip. horaria 0.000006 0.000011 0.546 0.585

L30.Temp. prom aire -0.000008 0.000005 -1.569 0.117

L31.Conduct 0.002605 0.008166 0.319 0.750

L31.Water 6.095149 0.387593 15.726 0.000

L31.Temp -1.051370 NAN NAN NAN

L31.Precip. horaria 0.000005 0.000011 0.412 0.680

L31.Temp. prom aire 0.000002 0.000005 0.418 0.676

L32.Conduct -0.004256 0.008158 -0.522 0.602

L32.Water -3.966132 NAN NAN NAN

L32.Temp 0.711491 0.414819 1.715 0.086

L32.Precip. horaria 0.000003 0.000011 0.275 0.783

L32.Temp. prom aire 0.000000 0.000005 0.008 0.993

L33.Conduct 0.000106 0.008170 0.013 0.990

L33.Water 2.982877 NAN NAN NAN

L33.Temp -1.167226 0.459783 -2.539 0.011

L33.Precip. horaria -0.000000 0.000011 -0.036 0.971

L33.Temp. prom aire -0.000003 0.000005 -0.666 0.506

L34.Conduct 0.000069 0.008177 0.008 0.993

L34.Water -2.304616 NAN NAN NAN

L34.Temp 1.652176 0.387086 4.268 0.000

L34.Precip. horaria -0.000004 0.000011 -0.395 0.693

L34.Temp. prom aire 0.000005 0.000005 0.920 0.358

L35.Conduct 0.001875 0.008123 0.231 0.817

L35.Water 1.673485 0.394197 4.245 0.000

L35.Temp -1.716192 NAN NAN NAN

L35.Precip. horaria -0.000001 0.000011 -0.047 0.962

L35.Temp. prom aire 0.000001 0.000005 0.118 0.906

L36.Conduct -0.001899 0.008035 -0.236 0.813

L36.Water -1.274479 0.491125 -2.595 0.009

L36.Temp 1.430720 NAN NAN NAN

L36.Precip. horaria -0.000003 0.000011 -0.224 0.823

L36.Temp. prom aire -0.000001 0.000005 -0.147 0.883

L37.Conduct 0.000097 0.008002 0.012 0.990

L37.Water 1.370351 0.475689 2.881 0.004

L37.Temp -1.359998 0.318203 -4.274 0.000

L37.Precip. horaria -0.000003 0.000011 -0.256 0.798

L37.Temp. prom aire -0.000002 0.000005 -0.337 0.736

L38.Conduct -0.001691 0.008027 -0.211 0.833

L38.Water -1.736421 0.325072 -5.342 0.000

L38.Temp 1.483386 0.487291 3.044 0.002

L38.Precip. horaria -0.000002 0.000011 -0.186 0.852

L38.Temp. prom aire 0.000001 0.000005 0.180 0.857

L39.Conduct 0.004423 0.008056 0.549 0.583

L39.Water 1.866509 0.117592 15.873 0.000

L39.Temp -1.258920 0.284141 -4.431 0.000

L39.Precip. horaria -0.000005 0.000011 -0.398 0.691

L39.Temp. prom aire 0.000001 0.000005 0.179 0.858

L40.Conduct -0.002350 0.008079 -0.291 0.771

L40.Water -1.623534 0.370940 -4.377 0.000

L40.Temp 0.682102 NAN NAN NAN

L40.Precip. horaria -0.000008 0.000011 -0.672 0.502

L40.Temp. prom aire 0.000000 0.000005 0.020 0.984

L41.Conduct 0.000008 0.008129 0.001 0.999

L41.Water 1.370916 0.468185 2.928 0.003

L41.Temp -0.106292 NAN NAN NAN

L41.Precip. horaria -0.000002 0.000011 -0.143 0.887

L41.Temp. prom aire -0.000003 0.000005 -0.506 0.613

L42.Conduct -0.000389 0.008168 -0.048 0.962

L42.Water -1.329634 0.441439 -3.012 0.003

L42.Temp -0.426580 NAN NAN NAN

L42.Precip. horaria -0.000010 0.000011 -0.868 0.385

L42.Temp. prom aire 0.000001 0.000005 0.241 0.810

L43.Conduct 0.002267 0.008118 0.279 0.780

L43.Water 1.388652 0.427496 3.248 0.001

L43.Temp 0.931491 NAN NAN NAN

L43.Precip. horaria 0.000007 0.000011 0.583 0.560

L43.Temp. prom aire 0.000001 0.000005 0.133 0.894

L44.Conduct -0.002271 0.008116 -0.280 0.780

L44.Water -2.117321 0.424746 -4.985 0.000

L44.Temp -0.999160 0.700383 -1.427 0.154

L44.Precip. horaria 0.000005 0.000011 0.482 0.630

L44.Temp. prom aire -0.000005 0.000005 -0.958 0.338

L45.Conduct 0.001658 0.008086 0.205 0.838

L45.Water 3.342645 0.423826 7.887 0.000

L45.Temp 0.419806 NAN NAN NAN

L45.Precip. horaria 0.000004 0.000011 0.337 0.736

L45.Temp. prom aire 0.000002 0.000005 0.400 0.689

L46.Conduct 0.001172 0.008029 0.146 0.884

L46.Water -3.181554 0.372418 -8.543 0.000

L46.Temp 0.196227 NAN NAN NAN

L46.Precip. horaria 0.000007 0.000011 0.621 0.534

L46.Temp. prom aire 0.000002 0.000005 0.382 0.703

L47.Conduct -0.004753 0.006074 -0.782 0.434

L47.Water 1.525506 0.197759 7.714 0.000

L47.Temp -0.277093 NAN NAN NAN

L47.Precip. horaria -0.000014 0.000011 -1.223 0.221

L47.Temp. prom aire -0.000001 0.000005 -0.206 0.837

L48.Conduct 0.002596 0.001932 1.344 0.179

L48.Water -0.287063 0.044022 -6.521 0.000

L48.Temp 0.083073 NAN NAN NAN

L48.Precip. horaria -0.000003 0.000010 -0.261 0.794

L48.Temp. prom aire 0.000003 0.000003 1.063 0.288

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000005 0.000005 1.028 0.304

L1.Conduct 0.101337 NAN NAN NAN

L1.Water 4.369209 0.011353 384.844 0.000

L1.Temp -0.084482 0.000901 -93.738 0.000

L1.Precip. horaria 0.000001 0.000002 0.579 0.563

L1.Temp. prom aire -0.000001 0.000000 -1.931 0.054

L2.Conduct -0.460615 NAN NAN NAN

L2.Water -7.750276 0.045373 -170.814 0.000

L2.Temp 0.365938 NAN NAN NAN

L2.Precip. horaria 0.000000 0.000002 0.011 0.991

L2.Temp. prom aire 0.000001 0.000001 1.061 0.289

L3.Conduct 0.869875 NAN NAN NAN

L3.Water 7.457819 0.066701 111.809 0.000

L3.Temp -0.658900 NAN NAN NAN

L3.Precip. horaria -0.000000 0.000002 -0.188 0.851

L3.Temp. prom aire -0.000000 0.000001 -0.276 0.782

L4.Conduct -0.907458 NAN NAN NAN

L4.Water -4.971121 0.033633 -147.805 0.000

L4.Temp 0.666296 NAN NAN NAN

L4.Precip. horaria 0.000000 0.000002 0.250 0.802

L4.Temp. prom aire 0.000000 0.000001 0.554 0.580

L5.Conduct 0.614569 NAN NAN NAN

L5.Water 3.330986 0.045296 73.538 0.000

L5.Temp -0.456828 NAN NAN NAN

L5.Precip. horaria 0.000000 0.000002 0.036 0.971

L5.Temp. prom aire -0.000000 0.000001 -0.536 0.592

L6.Conduct -0.330368 NAN NAN NAN

L6.Water -2.400886 0.077400 -31.019 0.000

L6.Temp 0.253772 NAN NAN NAN

L6.Precip. horaria -0.000000 0.000002 -0.135 0.893

L6.Temp. prom aire -0.000000 0.000001 -0.027 0.978

L7.Conduct 0.180815 NAN NAN NAN

L7.Water 1.555935 0.077784 20.003 0.000

L7.Temp -0.135021 NAN NAN NAN

L7.Precip. horaria -0.000000 0.000002 -0.206 0.836

L7.Temp. prom aire 0.000001 0.000001 0.911 0.362

L8.Conduct -0.125997 NAN NAN NAN

L8.Water -0.934170 0.074803 -12.488 0.000

L8.Temp 0.094836 NAN NAN NAN

L8.Precip. horaria -0.000001 0.000002 -0.768 0.442

L8.Temp. prom aire -0.000000 0.000001 -0.438 0.662

L9.Conduct 0.117214 NAN NAN NAN

L9.Water 0.472424 0.073267 6.448 0.000

L9.Temp -0.088539 NAN NAN NAN

L9.Precip. horaria -0.000001 0.000002 -0.486 0.627

L9.Temp. prom aire 0.000001 0.000001 0.984 0.325

L10.Conduct -0.118024 NAN NAN NAN

L10.Water -0.149741 0.081548 -1.836 0.066

L10.Temp 0.085530 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000002 -0.168 0.866

L10.Temp. prom aire -0.000002 0.000001 -1.888 0.059

L11.Conduct 0.104862 NAN NAN NAN

L11.Water 0.021581 0.077468 0.279 0.781

L11.Temp -0.077041 NAN NAN NAN

L11.Precip. horaria -0.000001 0.000002 -0.659 0.510

L11.Temp. prom aire 0.000000 0.000001 0.584 0.559

L12.Conduct -0.069225 NAN NAN NAN

L12.Water -0.034251 0.044272 -0.774 0.439

L12.Temp 0.050072 NAN NAN NAN

L12.Precip. horaria -0.000002 0.000002 -0.856 0.392

L12.Temp. prom aire 0.000000 0.000001 0.396 0.692

L13.Conduct 0.016066 NAN NAN NAN

L13.Water 0.131027 0.053751 2.438 0.015

L13.Temp -0.011437 NAN NAN NAN

L13.Precip. horaria -0.000001 0.000002 -0.656 0.512

L13.Temp. prom aire -0.000001 0.000001 -0.756 0.450

L14.Conduct 0.041791 0.010011 4.174 0.000

L14.Water -0.279233 0.067446 -4.140 0.000

L14.Temp -0.029320 0.009867 -2.972 0.003

L14.Precip. horaria -0.000002 0.000002 -0.829 0.407

L14.Temp. prom aire 0.000001 0.000001 1.303 0.193

L15.Conduct -0.070085 NAN NAN NAN

L15.Water 0.361247 NAN NAN NAN

L15.Temp 0.050149 NAN NAN NAN

L15.Precip. horaria 0.000000 0.000002 0.151 0.880

L15.Temp. prom aire -0.000001 0.000001 -1.045 0.296

L16.Conduct 0.042893 NAN NAN NAN

L16.Water -0.266605 NAN NAN NAN

L16.Temp -0.030505 NAN NAN NAN

L16.Precip. horaria 0.000001 0.000002 0.332 0.740

L16.Temp. prom aire 0.000000 0.000001 0.161 0.872

L17.Conduct 0.007299 NAN NAN NAN

L17.Water 0.138967 0.060585 2.294 0.022

L17.Temp -0.004680 NAN NAN NAN

L17.Precip. horaria 0.000000 0.000002 0.170 0.865

L17.Temp. prom aire 0.000001 0.000001 0.714 0.475

L18.Conduct -0.036792 NAN NAN NAN

L18.Water -0.131328 0.040592 -3.235 0.001

L18.Temp 0.026678 NAN NAN NAN

L18.Precip. horaria 0.000000 0.000002 0.201 0.841

L18.Temp. prom aire -0.000001 0.000001 -1.011 0.312

L19.Conduct 0.040592 0.007288 5.570 0.000

L19.Water 0.255639 NAN NAN NAN

L19.Temp -0.027429 0.005900 -4.649 0.000

L19.Precip. horaria 0.000001 0.000002 0.430 0.667

L19.Temp. prom aire 0.000000 0.000001 0.465 0.642

L20.Conduct -0.025543 0.019589 -1.304 0.192

L20.Water -0.563080 NAN NAN NAN

L20.Temp 0.016178 0.014782 1.094 0.274

L20.Precip. horaria 0.000001 0.000002 0.434 0.664

L20.Temp. prom aire 0.000000 0.000001 0.278 0.781

L21.Conduct -0.011543 0.011200 -1.031 0.303

L21.Water 0.991813 NAN NAN NAN

L21.Temp 0.009822 0.009963 0.986 0.324

L21.Precip. horaria 0.000001 0.000002 0.589 0.556

L21.Temp. prom aire -0.000000 0.000001 -0.352 0.725

L22.Conduct 0.070707 0.005499 12.858 0.000

L22.Water -1.670857 0.067514 -24.748 0.000

L22.Temp -0.058060 0.007414 -7.831 0.000

L22.Precip. horaria 0.000001 0.000002 0.758 0.449

L22.Temp. prom aire 0.000000 0.000001 0.121 0.903

L23.Conduct -0.098914 0.016746 -5.907 0.000

L23.Water 2.511369 0.086279 29.108 0.000

L23.Temp 0.052110 0.012193 4.274 0.000

L23.Precip. horaria 0.000000 0.000002 0.090 0.928

L23.Temp. prom aire -0.000000 0.000001 -0.249 0.804

L24.Conduct 0.054182 0.014394 3.764 0.000

L24.Water -2.943961 0.059409 -49.554 0.000

L24.Temp 0.026687 0.039781 0.671 0.502

L24.Precip. horaria -0.000003 0.000002 -1.381 0.167

L24.Temp. prom aire 0.000000 0.000001 0.458 0.647

L25.Conduct -0.005604 0.005094 -1.100 0.271

L25.Water 3.682643 NAN NAN NAN

L25.Temp -0.118826 0.043489 -2.732 0.006

L25.Precip. horaria -0.000002 0.000002 -1.090 0.276

L25.Temp. prom aire 0.000001 0.000001 0.641 0.521

L26.Conduct -0.000023 0.001342 -0.017 0.986

L26.Water -5.270444 NAN NAN NAN

L26.Temp 0.335559 NAN NAN NAN

L26.Precip. horaria 0.000002 0.000002 1.164 0.245

L26.Temp. prom aire -0.000001 0.000001 -1.653 0.098

L27.Conduct -0.001715 0.001342 -1.278 0.201

L27.Water 5.955973 NAN NAN NAN

L27.Temp -0.648215 NAN NAN NAN

L27.Precip. horaria -0.000001 0.000002 -0.667 0.505

L27.Temp. prom aire 0.000001 0.000001 1.736 0.083

L28.Conduct 0.000512 0.001346 0.380 0.704

L28.Water -4.894903 NAN NAN NAN

L28.Temp 0.714904 NAN NAN NAN

L28.Precip. horaria -0.000004 0.000002 -2.267 0.023

L28.Temp. prom aire -0.000002 0.000001 -2.713 0.007

L29.Conduct -0.000987 0.001351 -0.731 0.465

L29.Water 3.370516 0.042812 78.728 0.000

L29.Temp -0.478198 0.066478 -7.193 0.000

L29.Precip. horaria 0.000000 0.000002 0.095 0.924

L29.Temp. prom aire 0.000002 0.000001 2.680 0.007

L30.Conduct 0.000209 0.001351 0.155 0.877

L30.Water -2.194197 0.023340 -94.011 0.000

L30.Temp 0.215445 NAN NAN NAN

L30.Precip. horaria 0.000001 0.000002 0.605 0.545

L30.Temp. prom aire -0.000001 0.000001 -1.238 0.216

L31.Conduct -0.000183 0.001350 -0.136 0.892

L31.Water 1.363601 0.064074 21.282 0.000

L31.Temp -0.066218 NAN NAN NAN

L31.Precip. horaria -0.000000 0.000002 -0.097 0.922

L31.Temp. prom aire -0.000000 0.000001 -0.560 0.575

L32.Conduct -0.000069 0.001349 -0.051 0.959

L32.Water -0.845948 NAN NAN NAN

L32.Temp 0.016366 0.068575 0.239 0.811

L32.Precip. horaria -0.000000 0.000002 -0.231 0.817

L32.Temp. prom aire 0.000001 0.000001 0.710 0.478

L33.Conduct -0.000330 0.001351 -0.244 0.807

L33.Water 0.557516 NAN NAN NAN

L33.Temp -0.042838 0.076008 -0.564 0.573

L33.Precip. horaria 0.000000 0.000002 0.005 0.996

L33.Temp. prom aire -0.000001 0.000001 -0.953 0.341

L34.Conduct 0.000206 0.001352 0.153 0.879

L34.Water -0.392440 NAN NAN NAN

L34.Temp 0.102817 0.063990 1.607 0.108

L34.Precip. horaria -0.000001 0.000002 -0.619 0.536

L34.Temp. prom aire 0.000001 0.000001 0.604 0.546

L35.Conduct 0.000928 0.001343 0.691 0.490

L35.Water 0.273624 0.065166 4.199 0.000

L35.Temp -0.111601 NAN NAN NAN

L35.Precip. horaria -0.000000 0.000002 -0.067 0.946

L35.Temp. prom aire 0.000001 0.000001 1.102 0.270

L36.Conduct -0.000271 0.001328 -0.204 0.838

L36.Water -0.177542 0.081189 -2.187 0.029

L36.Temp 0.045974 NAN NAN NAN

L36.Precip. horaria -0.000001 0.000002 -0.424 0.672

L36.Temp. prom aire -0.000000 0.000001 -0.280 0.780

L37.Conduct 0.000049 0.001323 0.037 0.971

L37.Water 0.137936 0.078638 1.754 0.079

L37.Temp -0.012551 0.052603 -0.239 0.811

L37.Precip. horaria -0.000001 0.000002 -0.652 0.515

L37.Temp. prom aire -0.000001 0.000001 -0.929 0.353

L38.Conduct -0.001047 0.001327 -0.789 0.430

L38.Water -0.169089 0.053739 -3.147 0.002

L38.Temp 0.046857 0.080556 0.582 0.561

L38.Precip. horaria -0.000001 0.000002 -0.547 0.584

L38.Temp. prom aire -0.000000 0.000001 -0.223 0.823

L39.Conduct 0.001007 0.001332 0.756 0.450

L39.Water 0.208101 0.019439 10.705 0.000

L39.Temp -0.051258 0.046972 -1.091 0.275

L39.Precip. horaria -0.000001 0.000002 -0.456 0.648

L39.Temp. prom aire 0.000001 0.000001 0.639 0.523

L40.Conduct -0.000621 0.001335 -0.465 0.642

L40.Water -0.207985 0.061321 -3.392 0.001

L40.Temp 0.009929 NAN NAN NAN

L40.Precip. horaria -0.000001 0.000002 -0.730 0.465

L40.Temp. prom aire -0.000000 0.000001 -0.104 0.917

L41.Conduct 0.000422 0.001344 0.314 0.754

L41.Water 0.247309 0.077397 3.195 0.001

L41.Temp 0.015765 NAN NAN NAN

L41.Precip. horaria -0.000001 0.000002 -0.441 0.659

L41.Temp. prom aire -0.000000 0.000001 -0.072 0.943

L42.Conduct 0.000017 0.001350 0.013 0.990

L42.Water -0.351025 0.072976 -4.810 0.000

L42.Temp -0.039499 NAN NAN NAN

L42.Precip. horaria -0.000000 0.000002 -0.196 0.845

L42.Temp. prom aire 0.000000 0.000001 0.143 0.886

L43.Conduct 0.000547 0.001342 0.408 0.684

L43.Water 0.472268 0.070671 6.683 0.000

L43.Temp 0.095169 NAN NAN NAN

L43.Precip. horaria 0.000001 0.000002 0.603 0.547

L43.Temp. prom aire 0.000000 0.000001 0.492 0.623

L44.Conduct -0.000626 0.001342 -0.467 0.641

L44.Water -0.734951 0.070216 -10.467 0.000

L44.Temp -0.142396 0.115783 -1.230 0.219

L44.Precip. horaria 0.000001 0.000002 0.700 0.484

L44.Temp. prom aire -0.000002 0.000001 -1.892 0.059

L45.Conduct -0.000937 0.001337 -0.701 0.483

L45.Water 1.041729 0.070064 14.868 0.000

L45.Temp 0.127076 NAN NAN NAN

L45.Precip. horaria 0.000002 0.000002 0.947 0.344

L45.Temp. prom aire 0.000001 0.000001 1.632 0.103

L46.Conduct -0.000290 0.001327 -0.219 0.827

L46.Water -0.917092 0.061566 -14.896 0.000

L46.Temp -0.065850 NAN NAN NAN

L46.Precip. horaria 0.000002 0.000002 0.933 0.351

L46.Temp. prom aire -0.000000 0.000001 -0.246 0.806

L47.Conduct 0.002389 0.001004 2.379 0.017

L47.Water 0.415607 0.032692 12.713 0.000

L47.Temp 0.017270 NAN NAN NAN

L47.Precip. horaria -0.000000 0.000002 -0.108 0.914

L47.Temp. prom aire -0.000000 0.000001 -0.208 0.836

L48.Conduct -0.001219 0.000319 -3.818 0.000

L48.Water -0.073712 0.007277 -10.129 0.000

L48.Temp -0.001508 NAN NAN NAN

L48.Precip. horaria -0.000000 0.000002 -0.221 0.825

L48.Temp. prom aire 0.000000 0.000000 0.656 0.512

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000018 0.000028 0.620 0.535

L1.Conduct -0.230583 NAN NAN NAN

L1.Water 1.630011 0.065810 24.768 0.000

L1.Temp 3.284762 0.005224 628.753 0.000

L1.Precip. horaria 0.000000 0.000009 0.027 0.979

L1.Temp. prom aire -0.000004 0.000003 -1.510 0.131

L2.Conduct 0.991497 NAN NAN NAN

L2.Water -6.947103 0.263008 -26.414 0.000

L2.Temp -3.689205 NAN NAN NAN

L2.Precip. horaria -0.000003 0.000011 -0.323 0.747

L2.Temp. prom aire -0.000006 0.000005 -1.249 0.212

L3.Conduct -1.761006 NAN NAN NAN

L3.Water 11.921769 0.386643 30.834 0.000

L3.Temp 1.757738 NAN NAN NAN

L3.Precip. horaria -0.000000 0.000011 -0.016 0.987

L3.Temp. prom aire 0.000005 0.000005 1.045 0.296

L4.Conduct 1.749468 NAN NAN NAN

L4.Water -11.097025 0.194958 -56.920 0.000

L4.Temp -0.981800 NAN NAN NAN

L4.Precip. horaria 0.000000 0.000011 0.021 0.983

L4.Temp. prom aire 0.000005 0.000005 0.946 0.344

L5.Conduct -1.180606 NAN NAN NAN

L5.Water 7.217167 0.262566 27.487 0.000

L5.Temp 0.969417 NAN NAN NAN

L5.Precip. horaria 0.000001 0.000011 0.054 0.957

L5.Temp. prom aire -0.000001 0.000005 -0.230 0.818

L6.Conduct 0.628721 NAN NAN NAN

L6.Water -4.358394 0.448658 -9.714 0.000

L6.Temp -0.398409 NAN NAN NAN

L6.Precip. horaria 0.000001 0.000011 0.080 0.936

L6.Temp. prom aire 0.000007 0.000005 1.337 0.181

L7.Conduct -0.246740 NAN NAN NAN

L7.Water 2.312996 0.450882 5.130 0.000

L7.Temp 0.164819 NAN NAN NAN

L7.Precip. horaria 0.000003 0.000011 0.257 0.797

L7.Temp. prom aire -0.000007 0.000005 -1.399 0.162

L8.Conduct 0.016203 NAN NAN NAN

L8.Water -0.937228 0.433603 -2.161 0.031

L8.Temp -0.035169 NAN NAN NAN

L8.Precip. horaria 0.000003 0.000011 0.278 0.781

L8.Temp. prom aire 0.000006 0.000005 1.264 0.206

L9.Conduct 0.135340 NAN NAN NAN

L9.Water 0.160433 0.424702 0.378 0.706

L9.Temp -0.135686 NAN NAN NAN

L9.Precip. horaria 0.000002 0.000011 0.157 0.875

L9.Temp. prom aire -0.000004 0.000005 -0.844 0.399

L10.Conduct -0.227088 NAN NAN NAN

L10.Water 0.393489 0.472705 0.832 0.405

L10.Temp 0.143614 NAN NAN NAN

L10.Precip. horaria 0.000001 0.000011 0.095 0.924

L10.Temp. prom aire -0.000001 0.000005 -0.234 0.815

L11.Conduct 0.230922 NAN NAN NAN

L11.Water -0.562808 0.449054 -1.253 0.210

L11.Temp -0.177837 NAN NAN NAN

L11.Precip. horaria -0.000001 0.000011 -0.098 0.922

L11.Temp. prom aire 0.000005 0.000005 0.929 0.353

L12.Conduct -0.231964 NAN NAN NAN

L12.Water 0.623151 0.256630 2.428 0.015

L12.Temp 0.167747 NAN NAN NAN

L12.Precip. horaria -0.000002 0.000011 -0.201 0.841

L12.Temp. prom aire -0.000004 0.000005 -0.837 0.403

L13.Conduct 0.377415 NAN NAN NAN

L13.Water -1.089960 0.311572 -3.498 0.000

L13.Temp -0.267549 NAN NAN NAN

L13.Precip. horaria 0.000001 0.000011 0.064 0.949

L13.Temp. prom aire 0.000004 0.000005 0.905 0.366

L14.Conduct -0.658760 0.058031 -11.352 0.000

L14.Water 1.967889 0.390962 5.033 0.000

L14.Temp 0.486305 0.057192 8.503 0.000

L14.Precip. horaria 0.000002 0.000011 0.177 0.859

L14.Temp. prom aire -0.000003 0.000005 -0.691 0.490

L15.Conduct 0.847693 NAN NAN NAN

L15.Water -2.557100 NAN NAN NAN

L15.Temp -0.598720 NAN NAN NAN

L15.Precip. horaria 0.000002 0.000011 0.172 0.863

L15.Temp. prom aire -0.000002 0.000005 -0.400 0.689

L16.Conduct -0.799572 NAN NAN NAN

L16.Water 2.348463 NAN NAN NAN

L16.Temp 0.580530 NAN NAN NAN

L16.Precip. horaria -0.000000 0.000011 -0.030 0.976

L16.Temp. prom aire 0.000001 0.000005 0.267 0.790

L17.Conduct 0.612060 NAN NAN NAN

L17.Water -1.739208 0.351187 -4.952 0.000

L17.Temp -0.442162 NAN NAN NAN

L17.Precip. horaria -0.000002 0.000011 -0.220 0.826

L17.Temp. prom aire 0.000000 0.000005 0.045 0.964

L18.Conduct -0.418320 NAN NAN NAN

L18.Water 1.134037 0.235296 4.820 0.000

L18.Temp 0.298520 NAN NAN NAN

L18.Precip. horaria -0.000002 0.000011 -0.217 0.828

L18.Temp. prom aire -0.000000 0.000005 -0.075 0.940

L19.Conduct 0.316334 0.042245 7.488 0.000

L19.Water -0.763416 NAN NAN NAN

L19.Temp -0.235830 0.034198 -6.896 0.000

L19.Precip. horaria -0.000001 0.000011 -0.080 0.937

L19.Temp. prom aire 0.000002 0.000005 0.450 0.653

L20.Conduct -0.353638 0.113549 -3.114 0.002

L20.Water 0.794378 NAN NAN NAN

L20.Temp 0.251744 0.085684 2.938 0.003

L20.Precip. horaria -0.000001 0.000011 -0.105 0.916

L20.Temp. prom aire 0.000001 0.000005 0.284 0.777

L21.Conduct 0.455433 0.064921 7.015 0.000

L21.Water -0.951272 NAN NAN NAN

L21.Temp -0.329592 0.057749 -5.707 0.000

L21.Precip. horaria -0.000003 0.000011 -0.230 0.818

L21.Temp. prom aire 0.000000 0.000005 0.006 0.996

L22.Conduct -0.503593 0.031876 -15.799 0.000

L22.Water 0.786513 0.391356 2.010 0.044

L22.Temp 0.367261 0.042977 8.545 0.000

L22.Precip. horaria -0.000002 0.000011 -0.192 0.848

L22.Temp. prom aire -0.000001 0.000005 -0.243 0.808

L23.Conduct 0.373886 0.097069 3.852 0.000

L23.Water 0.289199 0.500127 0.578 0.563

L23.Temp -0.705529 0.070678 -9.982 0.000

L23.Precip. horaria -0.000001 0.000011 -0.109 0.913

L23.Temp. prom aire 0.000002 0.000005 0.357 0.721

L24.Conduct -0.113614 0.083438 -1.362 0.173

L24.Water -1.653863 0.344371 -4.803 0.000

L24.Temp 0.748133 0.230596 3.244 0.001

L24.Precip. horaria 0.000001 0.000011 0.100 0.920

L24.Temp. prom aire -0.000001 0.000005 -0.253 0.801

L25.Conduct -0.015622 0.029531 -0.529 0.597

L25.Water 1.844169 NAN NAN NAN

L25.Temp 0.841201 0.252089 3.337 0.001

L25.Precip. horaria 0.000002 0.000011 0.211 0.833

L25.Temp. prom aire 0.000003 0.000005 0.620 0.535

L26.Conduct -0.000259 0.007781 -0.033 0.973

L26.Water -1.947715 NAN NAN NAN

L26.Temp -2.154326 NAN NAN NAN

L26.Precip. horaria 0.000003 0.000011 0.276 0.782

L26.Temp. prom aire 0.000001 0.000005 0.105 0.917

L27.Conduct 0.002317 0.007782 0.298 0.766

L27.Water 2.795668 NAN NAN NAN

L27.Temp 1.468339 NAN NAN NAN

L27.Precip. horaria 0.000003 0.000011 0.288 0.773

L27.Temp. prom aire -0.000002 0.000005 -0.423 0.672

L28.Conduct -0.000038 0.007800 -0.005 0.996

L28.Water -2.692654 NAN NAN NAN

L28.Temp -0.761454 NAN NAN NAN

L28.Precip. horaria 0.000003 0.000011 0.269 0.788

L28.Temp. prom aire -0.000003 0.000005 -0.586 0.558

L29.Conduct 0.003653 0.007830 0.466 0.641

L29.Water 1.792710 0.248167 7.224 0.000

L29.Temp 0.599424 0.385348 1.556 0.120

L29.Precip. horaria 0.000003 0.000011 0.242 0.809

L29.Temp. prom aire -0.000000 0.000005 -0.036 0.971

L30.Conduct 0.001326 0.007833 0.169 0.866

L30.Water -1.310905 0.135292 -9.689 0.000

L30.Temp -0.186398 NAN NAN NAN

L30.Precip. horaria 0.000000 0.000011 0.001 0.999

L30.Temp. prom aire -0.000004 0.000005 -0.887 0.375

L31.Conduct -0.000017 0.007825 -0.002 0.998

L31.Water 1.007907 0.371414 2.714 0.007

L31.Temp -0.123996 NAN NAN NAN

L31.Precip. horaria -0.000004 0.000011 -0.361 0.718

L31.Temp. prom aire 0.000001 0.000005 0.185 0.853

L32.Conduct 0.000737 0.007817 0.094 0.925

L32.Water -0.741220 NAN NAN NAN

L32.Temp 0.259695 0.397503 0.653 0.514

L32.Precip. horaria -0.000002 0.000011 -0.190 0.849

L32.Temp. prom aire 0.000001 0.000005 0.194 0.846

L33.Conduct -0.001433 0.007829 -0.183 0.855

L33.Water 0.535863 NAN NAN NAN

L33.Temp -0.256280 0.440591 -0.582 0.561

L33.Precip. horaria 0.000000 0.000011 0.004 0.997

L33.Temp. prom aire -0.000003 0.000005 -0.567 0.570

L34.Conduct 0.001226 0.007836 0.156 0.876

L34.Water -0.338783 NAN NAN NAN

L34.Temp 0.186081 0.370929 0.502 0.616

L34.Precip. horaria -0.000000 0.000011 -0.004 0.997

L34.Temp. prom aire 0.000005 0.000005 0.986 0.324

L35.Conduct -0.001088 0.007784 -0.140 0.889

L35.Water 0.263474 0.377742 0.697 0.485

L35.Temp -0.233391 NAN NAN NAN

L35.Precip. horaria 0.000001 0.000011 0.121 0.903

L35.Temp. prom aire -0.000004 0.000005 -0.766 0.444

L36.Conduct -0.001298 0.007699 -0.169 0.866

L36.Water -0.239230 0.470624 -0.508 0.611

L36.Temp 0.278410 NAN NAN NAN

L36.Precip. horaria 0.000000 0.000011 0.018 0.985

L36.Temp. prom aire 0.000002 0.000005 0.357 0.721

L37.Conduct -0.000166 0.007668 -0.022 0.983

L37.Water 0.235564 0.455832 0.517 0.605

L37.Temp -0.354797 0.304921 -1.164 0.245

L37.Precip. horaria 0.000001 0.000011 0.064 0.949

L37.Temp. prom aire -0.000001 0.000005 -0.162 0.871

L38.Conduct 0.000299 0.007691 0.039 0.969

L38.Water -0.294295 0.311503 -0.945 0.345

L38.Temp 0.527416 0.466950 1.129 0.259

L38.Precip. horaria 0.000000 0.000011 0.016 0.987

L38.Temp. prom aire 0.000001 0.000005 0.302 0.762

L39.Conduct 0.000913 0.007720 0.118 0.906

L39.Water 0.399706 0.112683 3.547 0.000

L39.Temp -0.710568 0.272280 -2.610 0.009

L39.Precip. horaria -0.000001 0.000011 -0.069 0.945

L39.Temp. prom aire 0.000001 0.000005 0.284 0.777

L40.Conduct 0.000205 0.007741 0.026 0.979

L40.Water -0.487235 0.355456 -1.371 0.170

L40.Temp 0.778661 NAN NAN NAN

L40.Precip. horaria -0.000001 0.000011 -0.136 0.892

L40.Temp. prom aire -0.000001 0.000005 -0.259 0.796

L41.Conduct 0.000564 0.007790 0.072 0.942

L41.Water 0.506021 0.448642 1.128 0.259

L41.Temp -0.707878 NAN NAN NAN

L41.Precip. horaria -0.000001 0.000011 -0.052 0.958

L41.Temp. prom aire -0.000000 0.000005 -0.089 0.929

L42.Conduct -0.000750 0.007828 -0.096 0.924

L42.Water -0.534426 0.423012 -1.263 0.206

L42.Temp 0.628669 NAN NAN NAN

L42.Precip. horaria -0.000000 0.000011 -0.011 0.991

L42.Temp. prom aire -0.000001 0.000005 -0.197 0.844

L43.Conduct -0.000252 0.007780 -0.032 0.974

L43.Water 0.591757 0.409652 1.445 0.149

L43.Temp -0.566614 NAN NAN NAN

L43.Precip. horaria -0.000002 0.000011 -0.146 0.884

L43.Temp. prom aire -0.000001 0.000005 -0.281 0.779

L44.Conduct -0.000943 0.007777 -0.121 0.904

L44.Water -0.701847 0.407017 -1.724 0.085

L44.Temp 0.538359 0.671148 0.802 0.422

L44.Precip. horaria -0.000000 0.000011 -0.042 0.967

L44.Temp. prom aire -0.000002 0.000005 -0.396 0.692

L45.Conduct 0.001166 0.007749 0.150 0.880

L45.Water 0.872896 0.406134 2.149 0.032

L45.Temp -0.632850 NAN NAN NAN

L45.Precip. horaria -0.000001 0.000011 -0.106 0.916

L45.Temp. prom aire 0.000001 0.000005 0.263 0.792

L46.Conduct 0.003835 0.007694 0.498 0.618

L46.Water -0.829442 0.356872 -2.324 0.020

L46.Temp 0.677934 NAN NAN NAN

L46.Precip. horaria -0.000003 0.000011 -0.296 0.767

L46.Temp. prom aire 0.000000 0.000005 0.047 0.962

L47.Conduct -0.006438 0.005821 -1.106 0.269

L47.Water 0.454204 0.189504 2.397 0.017

L47.Temp -0.430158 NAN NAN NAN

L47.Precip. horaria -0.000003 0.000011 -0.304 0.761

L47.Temp. prom aire -0.000000 0.000005 -0.073 0.942

L48.Conduct 0.002576 0.001851 1.391 0.164

L48.Water -0.104303 0.042185 -2.473 0.013

L48.Temp 0.111420 NAN NAN NAN

L48.Precip. horaria -0.000002 0.000009 -0.244 0.807

L48.Temp. prom aire 0.000004 0.000003 1.405 0.160

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.054874 0.028282 -1.940 0.052

L1.Conduct 9.090194 NAN NAN NAN

L1.Water -84.214151 65.539786 -1.285 0.199

L1.Temp -6.116068 5.202779 -1.176 0.240

L1.Precip. horaria 0.563842 0.009364 60.216 0.000

L1.Temp. prom aire -0.002195 0.002648 -0.829 0.407

L2.Conduct -65.198334 NAN NAN NAN

L2.Water 433.104739 261.927540 1.654 0.098

L2.Temp 43.626741 NAN NAN NAN

L2.Precip. horaria 0.147044 0.010752 13.676 0.000

L2.Temp. prom aire 0.007623 0.004623 1.649 0.099

L3.Conduct 204.466167 NAN NAN NAN

L3.Water -1005.871257 385.054450 -2.612 0.009

L3.Temp -145.242794 NAN NAN NAN

L3.Precip. horaria 0.009928 0.010834 0.916 0.359

L3.Temp. prom aire -0.004655 0.004870 -0.956 0.339

L4.Conduct -377.370985 NAN NAN NAN

L4.Water 1474.889969 194.156436 7.596 0.000

L4.Temp 276.162089 NAN NAN NAN

L4.Precip. horaria -0.026909 0.010834 -2.484 0.013

L4.Temp. prom aire 0.002377 0.004872 0.488 0.626

L5.Conduct 489.424038 NAN NAN NAN

L5.Water -1657.756368 261.487416 -6.340 0.000

L5.Temp -356.311189 NAN NAN NAN

L5.Precip. horaria -0.003809 0.010834 -0.352 0.725

L5.Temp. prom aire -0.004748 0.004870 -0.975 0.330

L6.Conduct -520.198613 NAN NAN NAN

L6.Water 1644.309997 446.814921 3.680 0.000

L6.Temp 377.700602 NAN NAN NAN

L6.Precip. horaria 0.010696 0.010834 0.987 0.323

L6.Temp. prom aire 0.004316 0.004874 0.885 0.376

L7.Conduct 471.237368 NAN NAN NAN

L7.Water -1445.985193 449.029582 -3.220 0.001

L7.Temp -341.990175 NAN NAN NAN

L7.Precip. horaria 0.040760 0.010830 3.764 0.000

L7.Temp. prom aire -0.002642 0.004876 -0.542 0.588

L8.Conduct -326.737389 NAN NAN NAN

L8.Water 951.341030 431.821151 2.203 0.028

L8.Temp 235.454580 NAN NAN NAN

L8.Precip. horaria -0.041390 0.010838 -3.819 0.000

L8.Temp. prom aire 0.003719 0.004879 0.762 0.446

L9.Conduct 157.344726 NAN NAN NAN

L9.Water -352.581854 422.956809 -0.834 0.404

L9.Temp -117.548150 NAN NAN NAN

L9.Precip. horaria 0.033741 0.010846 3.111 0.002

L9.Temp. prom aire -0.002956 0.004876 -0.606 0.544

L10.Conduct -92.055802 NAN NAN NAN

L10.Water 142.255972 470.762768 0.302 0.763

L10.Temp 72.085251 NAN NAN NAN

L10.Precip. horaria 0.046109 0.010844 4.252 0.000

L10.Temp. prom aire 0.004292 0.004868 0.882 0.378

L11.Conduct 152.888013 NAN NAN NAN

L11.Water -429.873960 447.208709 -0.961 0.336

L11.Temp -112.160859 NAN NAN NAN

L11.Precip. horaria -0.009870 0.010854 -0.909 0.363

L11.Temp. prom aire -0.001673 0.004873 -0.343 0.731

L12.Conduct -218.409906 NAN NAN NAN

L12.Water 677.014560 255.575433 2.649 0.008

L12.Temp 154.026205 NAN NAN NAN

L12.Precip. horaria 0.030731 0.010859 2.830 0.005

L12.Temp. prom aire -0.004304 0.004876 -0.883 0.377

L13.Conduct 210.096035 NAN NAN NAN

L13.Water -548.380618 310.292195 -1.767 0.077

L13.Temp -150.313549 NAN NAN NAN

L13.Precip. horaria -0.004958 0.010858 -0.457 0.648

L13.Temp. prom aire 0.003415 0.004874 0.701 0.484

L14.Conduct -198.852834 57.792589 -3.441 0.001

L14.Water 420.333829 389.355051 1.080 0.280

L14.Temp 144.430473 56.957480 2.536 0.011

L14.Precip. horaria -0.019622 0.010855 -1.808 0.071

L14.Temp. prom aire 0.003163 0.004877 0.649 0.517

L15.Conduct 184.430940 NAN NAN NAN

L15.Water -350.385312 NAN NAN NAN

L15.Temp -127.084908 NAN NAN NAN

L15.Precip. horaria 0.015863 0.010863 1.460 0.144

L15.Temp. prom aire -0.003471 0.004874 -0.712 0.476

L16.Conduct -63.873301 NAN NAN NAN

L16.Water -4.668101 NAN NAN NAN

L16.Temp 46.744886 NAN NAN NAN

L16.Precip. horaria -0.025842 0.010859 -2.380 0.017

L16.Temp. prom aire 0.001251 0.004874 0.257 0.797

L17.Conduct -133.609109 NAN NAN NAN

L17.Water 451.386560 349.743973 1.291 0.197

L17.Temp 94.675804 NAN NAN NAN

L17.Precip. horaria 0.008769 0.010865 0.807 0.420

L17.Temp. prom aire 0.000997 0.004879 0.204 0.838

L18.Conduct 350.127843 NAN NAN NAN

L18.Water -1014.193313 234.329666 -4.328 0.000

L18.Temp -255.543876 NAN NAN NAN

L18.Precip. horaria 0.007749 0.010865 0.713 0.476

L18.Temp. prom aire -0.000184 0.004877 -0.038 0.970

L19.Conduct -487.075861 42.071823 -11.577 0.000

L19.Water 1595.599491 NAN NAN NAN

L19.Temp 345.789192 34.057946 10.153 0.000

L19.Precip. horaria -0.014213 0.010854 -1.309 0.190

L19.Temp. prom aire -0.004413 0.004879 -0.904 0.366

L20.Conduct 395.954422 113.082845 3.501 0.000

L20.Water -1404.784115 NAN NAN NAN

L20.Temp -278.097485 85.331513 -3.259 0.001

L20.Precip. horaria -0.013026 0.010864 -1.199 0.231

L20.Temp. prom aire 0.008363 0.004879 1.714 0.087

L21.Conduct -308.118873 64.654667 -4.766 0.000

L21.Water 813.134344 NAN NAN NAN

L21.Temp 221.974538 57.512116 3.860 0.000

L21.Precip. horaria -0.012787 0.010859 -1.178 0.239

L21.Temp. prom aire -0.004067 0.004875 -0.834 0.404

L22.Conduct 492.655374 31.744809 15.519 0.000

L22.Water -870.891852 389.747811 -2.235 0.025

L22.Temp -356.501243 42.800814 -8.329 0.000

L22.Precip. horaria 0.001634 0.010856 0.151 0.880

L22.Temp. prom aire 0.000177 0.004881 0.036 0.971

L23.Conduct -626.406323 96.669760 -6.480 0.000

L23.Water 1256.426104 498.071573 2.523 0.012

L23.Temp 336.533139 70.387436 4.781 0.000

L23.Precip. horaria 0.040181 0.010858 3.700 0.000

L23.Temp. prom aire -0.001947 0.004883 -0.399 0.690

L24.Conduct 406.993078 83.095159 4.898 0.000

L24.Water -1044.260651 342.956469 -3.045 0.002

L24.Temp -8.718026 229.648035 -0.038 0.970

L24.Precip. horaria -0.015533 0.010860 -1.430 0.153

L24.Temp. prom aire -0.002882 0.004858 -0.593 0.553

L25.Conduct -107.905907 29.409186 -3.669 0.000

L25.Water 272.888876 NAN NAN NAN

L25.Temp -38.052673 251.053100 -0.152 0.880

L25.Precip. horaria -0.023399 0.010860 -2.155 0.031

L25.Temp. prom aire 0.005102 0.004858 1.050 0.294

L26.Conduct -1.311324 7.748545 -0.169 0.866

L26.Water 323.056614 NAN NAN NAN

L26.Temp -263.360371 NAN NAN NAN

L26.Precip. horaria 0.012425 0.010855 1.145 0.252

L26.Temp. prom aire 0.000744 0.004879 0.152 0.879

L27.Conduct 1.777175 7.749674 0.229 0.819

L27.Water -308.603593 NAN NAN NAN

L27.Temp 165.384450 NAN NAN NAN

L27.Precip. horaria 0.002554 0.010849 0.235 0.814

L27.Temp. prom aire -0.005302 0.004873 -1.088 0.277

L28.Conduct 0.148306 7.768012 0.019 0.985

L28.Water -114.253348 NAN NAN NAN

L28.Temp 373.189554 NAN NAN NAN

L28.Precip. horaria 0.022058 0.010861 2.031 0.042

L28.Temp. prom aire 0.004858 0.004871 0.997 0.319

L29.Conduct 0.184543 7.798032 0.024 0.981

L29.Water 384.014528 247.146850 1.554 0.120

L29.Temp -629.290416 383.764669 -1.640 0.101

L29.Precip. horaria -0.012921 0.010849 -1.191 0.234

L29.Temp. prom aire -0.004946 0.004874 -1.015 0.310

L30.Conduct 0.962258 7.801094 0.123 0.902

L30.Water -282.346135 134.735653 -2.096 0.036

L30.Temp 424.661341 NAN NAN NAN

L30.Precip. horaria -0.003402 0.010863 -0.313 0.754

L30.Temp. prom aire 0.007178 0.004876 1.472 0.141

L31.Conduct -0.724052 7.792991 -0.093 0.926

L31.Water 83.842020 369.887829 0.227 0.821

L31.Temp -189.096534 NAN NAN NAN

L31.Precip. horaria 0.009506 0.010862 0.875 0.382

L31.Temp. prom aire -0.005630 0.004877 -1.154 0.248

L32.Conduct 0.202551 7.784873 0.026 0.979

L32.Water -78.352130 NAN NAN NAN

L32.Temp 221.120629 395.870092 0.559 0.576

L32.Precip. horaria 0.004560 0.010865 0.420 0.675

L32.Temp. prom aire 0.002743 0.004878 0.562 0.574

L33.Conduct -0.147462 7.796923 -0.019 0.985

L33.Water 282.973622 NAN NAN NAN

L33.Temp -405.318305 438.780661 -0.924 0.356

L33.Precip. horaria 0.001689 0.010864 0.155 0.876

L33.Temp. prom aire -0.005887 0.004877 -1.207 0.227

L34.Conduct -1.084614 7.803498 -0.139 0.889

L34.Water -493.537304 NAN NAN NAN

L34.Temp 494.285883 369.404493 1.338 0.181

L34.Precip. horaria -0.013816 0.010862 -1.272 0.203

L34.Temp. prom aire 0.005195 0.004877 1.065 0.287

L35.Conduct 0.702769 7.751864 0.091 0.928

L35.Water 549.642896 376.190254 1.461 0.144

L35.Temp -456.233385 NAN NAN NAN

L35.Precip. horaria -0.018162 0.010859 -1.673 0.094

L35.Temp. prom aire -0.005111 0.004877 -1.048 0.295

L36.Conduct 1.094228 7.667584 0.143 0.887

L36.Water -378.266681 468.690427 -0.807 0.420

L36.Temp 232.697955 NAN NAN NAN

L36.Precip. horaria 0.009940 0.010860 0.915 0.360

L36.Temp. prom aire 0.008444 0.004880 1.730 0.084

L37.Conduct -1.298210 7.636741 -0.170 0.865

L37.Water 0.360199 453.959440 0.001 0.999

L37.Temp 231.580478 303.667646 0.763 0.446

L37.Precip. horaria 0.003108 0.010857 0.286 0.775

L37.Temp. prom aire -0.003859 0.004880 -0.791 0.429

L38.Conduct 1.266390 7.659882 0.165 0.869

L38.Water 332.608923 310.223118 1.072 0.284

L38.Temp -599.006287 465.031397 -1.288 0.198

L38.Precip. horaria -0.005315 0.010857 -0.490 0.624

L38.Temp. prom aire 0.000655 0.004881 0.134 0.893

L39.Conduct 0.206796 7.688309 0.027 0.979

L39.Water -308.448933 112.220296 -2.749 0.006

L39.Temp 554.287870 271.161532 2.044 0.041

L39.Precip. horaria 0.001952 0.010848 0.180 0.857

L39.Temp. prom aire -0.005525 0.004880 -1.132 0.258

L40.Conduct -0.631850 7.709576 -0.082 0.935

L40.Water -31.838698 353.995508 -0.090 0.928

L40.Temp -221.049758 NAN NAN NAN

L40.Precip. horaria -0.006794 0.010843 -0.627 0.531

L40.Temp. prom aire 0.006287 0.004882 1.288 0.198

L41.Conduct -0.647413 7.758103 -0.083 0.933

L41.Water 342.519648 446.798600 0.767 0.443

L41.Temp -128.103185 NAN NAN NAN

L41.Precip. horaria 0.000503 0.010836 0.046 0.963

L41.Temp. prom aire -0.005466 0.004880 -1.120 0.263

L42.Conduct -0.288429 7.795347 -0.037 0.970

L42.Water -382.150904 421.274208 -0.907 0.364

L42.Temp 206.910991 NAN NAN NAN

L42.Precip. horaria -0.004243 0.010830 -0.392 0.695

L42.Temp. prom aire 0.001160 0.004880 0.238 0.812

L43.Conduct 0.701721 7.747536 0.091 0.928

L43.Water 72.921515 407.968286 0.179 0.858

L43.Temp 166.133067 NAN NAN NAN

L43.Precip. horaria 0.001618 0.010828 0.149 0.881

L43.Temp. prom aire 0.004842 0.004882 0.992 0.321

L44.Conduct 0.864349 7.745530 0.112 0.911

L44.Water 328.213185 405.344124 0.810 0.418

L44.Temp -658.903027 668.389969 -0.986 0.324

L44.Precip. horaria 0.016394 0.010829 1.514 0.130

L44.Temp. prom aire -0.002705 0.004851 -0.558 0.577

L45.Conduct -0.226860 7.717111 -0.029 0.977

L45.Water -425.583493 404.465374 -1.052 0.293

L45.Temp 737.996845 NAN NAN NAN

L45.Precip. horaria 0.006268 0.010825 0.579 0.563

L45.Temp. prom aire -0.005539 0.004859 -1.140 0.254

L46.Conduct -2.767877 7.662116 -0.361 0.718

L46.Water 288.326193 355.405860 0.811 0.417

L46.Temp -430.953910 NAN NAN NAN

L46.Precip. horaria 0.010532 0.010828 0.973 0.331

L46.Temp. prom aire 0.007612 0.004884 1.559 0.119

L47.Conduct 3.027117 5.796705 0.522 0.602

L47.Water -140.294526 188.725180 -0.743 0.457

L47.Temp 137.562702 NAN NAN NAN

L47.Precip. horaria 0.007311 0.010743 0.681 0.496

L47.Temp. prom aire -0.000918 0.004633 -0.198 0.843

L48.Conduct -0.905325 1.843607 -0.491 0.623

L48.Water 36.360585 42.011168 0.865 0.387

L48.Temp -20.019240 NAN NAN NAN

L48.Precip. horaria -0.003280 0.009387 -0.349 0.727

L48.Temp. prom aire -0.001771 0.002653 -0.668 0.504

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.261666 0.099649 2.626 0.009

L1.Conduct -12.635388 NAN NAN NAN

L1.Water 184.017304 230.921016 0.797 0.426

L1.Temp 8.172346 18.331324 0.446 0.656

L1.Precip. horaria 0.033417 0.032992 1.013 0.311

L1.Temp. prom aire 1.433676 0.009329 153.679 0.000

L2.Conduct 131.501833 NAN NAN NAN

L2.Water -1496.539039 922.868040 -1.622 0.105

L2.Temp -170.309192 NAN NAN NAN

L2.Precip. horaria 0.016975 0.037882 0.448 0.654

L2.Temp. prom aire -0.579283 0.016290 -35.561 0.000

L3.Conduct -424.810507 NAN NAN NAN

L3.Water 4645.396221 1356.689890 3.424 0.001

L3.Temp 618.280702 NAN NAN NAN

L3.Precip. horaria -0.005697 0.038172 -0.149 0.881

L3.Temp. prom aire 0.073768 0.017158 4.299 0.000

L4.Conduct 717.462140 NAN NAN NAN

L4.Water -7705.863827 684.085259 -11.264 0.000

L4.Temp -896.138820 NAN NAN NAN

L4.Precip. horaria -0.012965 0.038172 -0.340 0.734

L4.Temp. prom aire -0.020783 0.017167 -1.211 0.226

L5.Conduct -942.999549 NAN NAN NAN

L5.Water 8306.463655 921.317318 9.016 0.000

L5.Temp 739.451288 NAN NAN NAN

L5.Precip. horaria 0.003919 0.038172 0.103 0.918

L5.Temp. prom aire -0.018280 0.017159 -1.065 0.287

L6.Conduct 1260.182962 NAN NAN NAN

L6.Water -7117.458471 1574.294974 -4.521 0.000

L6.Temp -769.000581 NAN NAN NAN

L6.Precip. horaria 0.023813 0.038171 0.624 0.533

L6.Temp. prom aire 0.019480 0.017173 1.134 0.257

L7.Conduct -1336.559086 NAN NAN NAN

L7.Water 4957.735506 1582.098047 3.134 0.002

L7.Temp 831.889930 NAN NAN NAN

L7.Precip. horaria 0.017707 0.038157 0.464 0.643

L7.Temp. prom aire -0.035212 0.017181 -2.050 0.040

L8.Conduct 619.142888 NAN NAN NAN

L8.Water -916.826504 1521.466352 -0.603 0.547

L8.Temp -226.983928 NAN NAN NAN

L8.Precip. horaria 0.030033 0.038186 0.787 0.432

L8.Temp. prom aire 0.013350 0.017190 0.777 0.437

L9.Conduct 612.377877 NAN NAN NAN

L9.Water -4240.803712 1490.233983 -2.846 0.004

L9.Temp -503.698564 NAN NAN NAN

L9.Precip. horaria -0.036057 0.038214 -0.944 0.345

L9.Temp. prom aire 0.008909 0.017181 0.519 0.604

L10.Conduct -1632.124339 NAN NAN NAN

L10.Water 8008.775485 1658.672138 4.828 0.000

L10.Temp 1077.658719 NAN NAN NAN

L10.Precip. horaria -0.053979 0.038209 -1.413 0.158

L10.Temp. prom aire -0.003416 0.017153 -0.199 0.842

L11.Conduct 2329.287705 NAN NAN NAN

L11.Water -9567.118564 1575.682438 -6.072 0.000

L11.Temp -1841.921051 NAN NAN NAN

L11.Precip. horaria 0.005358 0.038243 0.140 0.889

L11.Temp. prom aire -0.016688 0.017168 -0.972 0.331

L12.Conduct -2769.727340 NAN NAN NAN

L12.Water 9184.688538 900.487205 10.200 0.000

L12.Temp 2175.895337 NAN NAN NAN

L12.Precip. horaria 0.023841 0.038260 0.623 0.533

L12.Temp. prom aire 0.017463 0.017179 1.017 0.309

L13.Conduct 2379.063482 NAN NAN NAN

L13.Water -6134.836529 1093.274689 -5.611 0.000

L13.Temp -1634.534235 NAN NAN NAN

L13.Precip. horaria -0.004838 0.038257 -0.126 0.899

L13.Temp. prom aire -0.018981 0.017172 -1.105 0.269

L14.Conduct -772.504177 203.624765 -3.794 0.000

L14.Water 458.059167 1371.842504 0.334 0.738

L14.Temp 458.474879 200.682365 2.285 0.022

L14.Precip. horaria -0.016690 0.038247 -0.436 0.663

L14.Temp. prom aire 0.029349 0.017183 1.708 0.088

L15.Conduct -1171.528557 NAN NAN NAN

L15.Water 4848.582586 NAN NAN NAN

L15.Temp 825.791901 NAN NAN NAN

L15.Precip. horaria 0.025306 0.038275 0.661 0.509

L15.Temp. prom aire -0.017460 0.017174 -1.017 0.309

L16.Conduct 1809.506408 NAN NAN NAN

L16.Water -5151.084223 NAN NAN NAN

L16.Temp -1310.770026 NAN NAN NAN

L16.Precip. horaria -0.011849 0.038259 -0.310 0.757

L16.Temp. prom aire -0.000642 0.017172 -0.037 0.970

L17.Conduct -363.531021 NAN NAN NAN

L17.Water -628.660860 1232.277961 -0.510 0.610

L17.Temp 414.222213 NAN NAN NAN

L17.Precip. horaria 0.007542 0.038281 0.197 0.844

L17.Temp. prom aire 0.020294 0.017190 1.181 0.238

L18.Conduct -1921.448961 NAN NAN NAN

L18.Water 6962.209832 825.630474 8.433 0.000

L18.Temp 1246.202284 NAN NAN NAN

L18.Precip. horaria 0.002512 0.038280 0.066 0.948

L18.Temp. prom aire -0.021905 0.017183 -1.275 0.202

L19.Conduct 2909.278727 148.234663 19.626 0.000

L19.Water -7659.586555 NAN NAN NAN

L19.Temp -1992.225006 119.998799 -16.602 0.000

L19.Precip. horaria -0.022093 0.038241 -0.578 0.563

L19.Temp. prom aire 0.022416 0.017189 1.304 0.192

L20.Conduct -2101.827823 398.432876 -5.275 0.000

L20.Water 3109.925639 NAN NAN NAN

L20.Temp 1349.077706 300.654624 4.487 0.000

L20.Precip. horaria -0.016771 0.038278 -0.438 0.661

L20.Temp. prom aire -0.021982 0.017191 -1.279 0.201

L21.Conduct 953.156044 227.802414 4.184 0.000

L21.Water 1675.166193 NAN NAN NAN

L21.Temp -497.871259 202.636554 -2.457 0.014

L21.Precip. horaria 0.013077 0.038261 0.342 0.733

L21.Temp. prom aire 0.016599 0.017178 0.966 0.334

L22.Conduct -570.954273 111.848757 -5.105 0.000

L22.Water -3605.506344 1373.226345 -2.626 0.009

L22.Temp 266.952175 150.803168 1.770 0.077

L22.Precip. horaria 0.009923 0.038251 0.259 0.795

L22.Temp. prom aire 0.029793 0.017196 1.733 0.083

L23.Conduct 574.307013 340.603481 1.686 0.092

L23.Water 3159.039706 1754.891203 1.800 0.072

L23.Temp -42.021605 248.001088 -0.169 0.865

L23.Precip. horaria 0.030549 0.038258 0.798 0.425

L23.Temp. prom aire 0.051833 0.017204 3.013 0.003

L24.Conduct -378.272047 292.775119 -1.292 0.196

L24.Water -1833.994908 1208.363062 -1.518 0.129

L24.Temp -1082.462994 809.135352 -1.338 0.181

L24.Precip. horaria -0.012775 0.038266 -0.334 0.738

L24.Temp. prom aire 0.119952 0.017117 7.008 0.000

L25.Conduct 112.137895 103.619487 1.082 0.279

L25.Water 1020.304065 NAN NAN NAN

L25.Temp 1668.785420 884.553348 1.887 0.059

L25.Precip. horaria 0.025066 0.038263 0.655 0.512

L25.Temp. prom aire -0.175157 0.017115 -10.234 0.000

L26.Conduct -24.571728 27.301004 -0.900 0.368

L26.Water -1415.976071 NAN NAN NAN

L26.Temp -291.054288 NAN NAN NAN

L26.Precip. horaria 0.000483 0.038247 0.013 0.990

L26.Temp. prom aire -0.000517 0.017192 -0.030 0.976

L27.Conduct 37.100324 27.304981 1.359 0.174

L27.Water 2227.479378 NAN NAN NAN

L27.Temp -434.838978 NAN NAN NAN

L27.Precip. horaria -0.026363 0.038225 -0.690 0.490

L27.Temp. prom aire 0.017930 0.017169 1.044 0.296

L28.Conduct -34.202042 27.369593 -1.250 0.211

L28.Water -2480.716680 NAN NAN NAN

L28.Temp -1884.620394 NAN NAN NAN

L28.Precip. horaria 0.014521 0.038267 0.379 0.704

L28.Temp. prom aire -0.020004 0.017164 -1.166 0.244

L29.Conduct 28.307107 27.475365 1.030 0.303

L29.Water 2295.140196 870.790175 2.636 0.008

L29.Temp 4920.139247 1352.145512 3.639 0.000

L29.Precip. horaria -0.031326 0.038225 -0.820 0.412

L29.Temp. prom aire 0.023083 0.017173 1.344 0.179

L30.Conduct -20.303995 27.486153 -0.739 0.460

L30.Water -2027.825616 474.723765 -4.272 0.000

L30.Temp -6006.726252 NAN NAN NAN

L30.Precip. horaria -0.018637 0.038273 -0.487 0.626

L30.Temp. prom aire 0.009983 0.017182 0.581 0.561

L31.Conduct 0.099792 27.457603 0.004 0.997

L31.Water 970.370484 1303.252247 0.745 0.457

L31.Temp 5358.402720 NAN NAN NAN

L31.Precip. horaria -0.019212 0.038272 -0.502 0.616

L31.Temp. prom aire -0.012464 0.017183 -0.725 0.468

L32.Conduct 12.271547 27.429002 0.447 0.655

L32.Water 1032.018003 NAN NAN NAN

L32.Temp -3437.602314 1394.797413 -2.465 0.014

L32.Precip. horaria 0.053543 0.038280 1.399 0.162

L32.Temp. prom aire -0.001745 0.017188 -0.101 0.919

L33.Conduct -12.526245 27.471458 -0.456 0.648

L33.Water -1812.371490 NAN NAN NAN

L33.Temp 748.494611 1545.987291 0.484 0.628

L33.Precip. horaria -0.000570 0.038279 -0.015 0.988

L33.Temp. prom aire 0.013965 0.017184 0.813 0.416

L34.Conduct 3.620528 27.494624 0.132 0.895

L34.Water 790.941797 NAN NAN NAN

L34.Temp 1337.762259 1301.549278 1.028 0.304

L34.Precip. horaria -0.021309 0.038270 -0.557 0.578

L34.Temp. prom aire -0.017631 0.017185 -1.026 0.305

L35.Conduct 4.286607 27.312697 0.157 0.875

L35.Water -449.132375 1325.458033 -0.339 0.735

L35.Temp -2332.429028 NAN NAN NAN

L35.Precip. horaria 0.016421 0.038260 0.429 0.668

L35.Temp. prom aire 0.031288 0.017185 1.821 0.069

L36.Conduct -10.142140 27.015748 -0.375 0.707

L36.Water 790.831755 1651.370510 0.479 0.632

L36.Temp 3052.647428 NAN NAN NAN

L36.Precip. horaria -0.017410 0.038263 -0.455 0.649

L36.Temp. prom aire -0.038339 0.017195 -2.230 0.026

L37.Conduct 17.557734 26.907074 0.653 0.514

L37.Water 764.131647 1599.467770 0.478 0.633

L37.Temp -4529.889487 1069.933940 -4.234 0.000

L37.Precip. horaria -0.031792 0.038252 -0.831 0.406

L37.Temp. prom aire 0.023849 0.017195 1.387 0.165

L38.Conduct -11.834972 26.988611 -0.439 0.661

L38.Water -3711.042362 1093.031302 -3.395 0.001

L38.Temp 6643.186928 1638.478386 4.054 0.000

L38.Precip. horaria 0.003287 0.038252 0.086 0.932

L38.Temp. prom aire -0.003420 0.017197 -0.199 0.842

L39.Conduct -9.253406 27.088769 -0.342 0.733

L39.Water 5055.375902 395.393797 12.786 0.000

L39.Temp -7090.268082 955.402824 -7.421 0.000

L39.Precip. horaria 0.026755 0.038221 0.700 0.484

L39.Temp. prom aire -0.018584 0.017195 -1.081 0.280

L40.Conduct 32.174242 27.163701 1.184 0.236

L40.Water -3904.862692 1247.257697 -3.131 0.002

L40.Temp 4322.826132 NAN NAN NAN

L40.Precip. horaria -0.041745 0.038203 -1.093 0.275

L40.Temp. prom aire -0.011506 0.017201 -0.669 0.504

L41.Conduct -15.253883 27.334680 -0.558 0.577

L41.Water 2117.409227 1574.237470 1.345 0.179

L41.Temp -1272.846665 NAN NAN NAN

L41.Precip. horaria 0.019576 0.038180 0.513 0.608

L41.Temp. prom aire 0.003790 0.017195 0.220 0.826

L42.Conduct -27.977524 27.465903 -1.019 0.308

L42.Water -2406.797588 1484.305555 -1.621 0.105

L42.Temp 2387.376029 NAN NAN NAN

L42.Precip. horaria -0.020567 0.038159 -0.539 0.590

L42.Temp. prom aire 0.016938 0.017195 0.985 0.325

L43.Conduct 10.583226 27.297449 0.388 0.698

L43.Water 5284.473886 1437.423848 3.676 0.000

L43.Temp -7509.199038 NAN NAN NAN

L43.Precip. horaria 0.029171 0.038150 0.765 0.444

L43.Temp. prom aire -0.013565 0.017202 -0.789 0.430

L44.Conduct 37.981910 27.290380 1.392 0.164

L44.Water -7467.336416 1428.177950 -5.229 0.000

L44.Temp 10881.354793 2354.986192 4.621 0.000

L44.Precip. horaria -0.012900 0.038155 -0.338 0.735

L44.Temp. prom aire 0.025917 0.017091 1.516 0.129

L45.Conduct -31.773072 27.190250 -1.169 0.243

L45.Water 6192.731587 1425.081785 4.346 0.000

L45.Temp -8282.463973 NAN NAN NAN

L45.Precip. horaria -0.024581 0.038140 -0.644 0.519

L45.Temp. prom aire -0.014560 0.017119 -0.851 0.395

L46.Conduct -3.632982 26.996481 -0.135 0.893

L46.Water -2984.742311 1252.226892 -2.384 0.017

L46.Temp 3125.883819 NAN NAN NAN

L46.Precip. horaria 0.037022 0.038152 0.970 0.332

L46.Temp. prom aire -0.002010 0.017207 -0.117 0.907

L47.Conduct 14.152109 20.423946 0.693 0.488

L47.Water 733.496288 664.948929 1.103 0.270

L47.Temp -378.676103 NAN NAN NAN

L47.Precip. horaria 0.008450 0.037853 0.223 0.823

L47.Temp. prom aire 0.106977 0.016323 6.554 0.000

L48.Conduct -5.144908 6.495713 -0.792 0.428

L48.Water -55.683715 148.020953 -0.376 0.707

L48.Temp -40.363042 NAN NAN NAN

L48.Precip. horaria -0.002241 0.033075 -0.068 0.946

L48.Temp. prom aire -0.081010 0.009347 -8.667 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.613176 0.704416 0.008194 -0.006200

Water 0.613176 1.000000 0.025099 0.000692 -0.001408

Temp 0.704416 0.025099 1.000000 0.001077 -0.020476

Precip. horaria 0.008194 0.000692 0.001077 1.000000 -0.023484

Temp. prom aire -0.006200 -0.001408 -0.020476 -0.023484 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -56.4767

Nobs: 11641.0 HQIC: -56.9828

Log likelihood: 251774. FPE: 1.38518e-25

AIC: -57.2388 Det(Omega\_mle): 1.25029e-25

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000045 0.000018 2.556 0.011

L1.Conduct 5.058877 NAN NAN NAN

L1.Water -1.639915 NAN NAN NAN

L1.Temp 0.267730 0.009925 26.977 0.000

L1.Precip. horaria -0.000002 0.000008 -0.271 0.786

L1.Temp. prom aire -0.000000 0.000002 -0.198 0.843

L2.Conduct -10.791804 NAN NAN NAN

L2.Water 7.044973 NAN NAN NAN

L2.Temp -1.085387 0.034886 -31.113 0.000

L2.Precip. horaria -0.000001 0.000009 -0.096 0.923

L2.Temp. prom aire 0.000004 0.000004 0.945 0.345

L3.Conduct 12.902078 NAN NAN NAN

L3.Water -12.211729 NAN NAN NAN

L3.Temp 1.709007 NAN NAN NAN

L3.Precip. horaria 0.000008 0.000009 0.862 0.389

L3.Temp. prom aire -0.000002 0.000004 -0.446 0.655

L4.Conduct -10.067927 NAN NAN NAN

L4.Water 11.278891 NAN NAN NAN

L4.Temp -1.339782 NAN NAN NAN

L4.Precip. horaria 0.000005 0.000009 0.611 0.541

L4.Temp. prom aire -0.000002 0.000004 -0.527 0.598

L5.Conduct 6.045154 NAN NAN NAN

L5.Water -6.831114 NAN NAN NAN

L5.Temp 0.640339 NAN NAN NAN

L5.Precip. horaria 0.000006 0.000009 0.655 0.512

L5.Temp. prom aire 0.000001 0.000004 0.186 0.853

L6.Conduct -3.173320 NAN NAN NAN

L6.Water 3.660440 0.373936 9.789 0.000

L6.Temp -0.315791 NAN NAN NAN

L6.Precip. horaria 0.000005 0.000009 0.547 0.585

L6.Temp. prom aire -0.000002 0.000004 -0.563 0.574

L7.Conduct 1.423820 NAN NAN NAN

L7.Water -1.720502 NAN NAN NAN

L7.Temp 0.185465 NAN NAN NAN

L7.Precip. horaria -0.000002 0.000009 -0.263 0.793

L7.Temp. prom aire 0.000002 0.000004 0.588 0.557

L8.Conduct -0.579533 NAN NAN NAN

L8.Water 0.578355 NAN NAN NAN

L8.Temp -0.091514 NAN NAN NAN

L8.Precip. horaria 0.000003 0.000009 0.338 0.735

L8.Temp. prom aire -0.000001 0.000004 -0.349 0.727

L9.Conduct 0.259038 NAN NAN NAN

L9.Water -0.300142 NAN NAN NAN

L9.Temp 0.026287 NAN NAN NAN

L9.Precip. horaria -0.000003 0.000009 -0.286 0.775

L9.Temp. prom aire 0.000001 0.000004 0.297 0.767

L10.Conduct -0.036630 NAN NAN NAN

L10.Water 0.104178 0.106267 0.980 0.327

L10.Temp 0.007570 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000009 -0.014 0.989

L10.Temp. prom aire 0.000002 0.000004 0.531 0.596

L11.Conduct -0.124436 0.106332 -1.170 0.242

L11.Water 0.185955 NAN NAN NAN

L11.Temp 0.023941 NAN NAN NAN

L11.Precip. horaria -0.000006 0.000008 -0.785 0.433

L11.Temp. prom aire -0.000004 0.000004 -1.049 0.294

L12.Conduct 0.124009 0.017758 6.983 0.000

L12.Water -0.304639 0.324191 -0.940 0.347

L12.Temp -0.079640 NAN NAN NAN

L12.Precip. horaria -0.000000 0.000009 -0.027 0.979

L12.Temp. prom aire 0.000003 0.000004 0.737 0.461

L13.Conduct 0.014730 NAN NAN NAN

L13.Water 0.213065 NAN NAN NAN

L13.Temp 0.121033 0.108113 1.120 0.263

L13.Precip. horaria -0.000006 0.000009 -0.642 0.521

L13.Temp. prom aire -0.000003 0.000004 -0.803 0.422

L14.Conduct -0.198688 NAN NAN NAN

L14.Water 0.011115 NAN NAN NAN

L14.Temp -0.124316 NAN NAN NAN

L14.Precip. horaria 0.000002 0.000009 0.187 0.852

L14.Temp. prom aire 0.000001 0.000004 0.352 0.725

L15.Conduct 0.267082 NAN NAN NAN

L15.Water -0.184596 NAN NAN NAN

L15.Temp 0.058275 NAN NAN NAN

L15.Precip. horaria -0.000000 0.000008 -0.058 0.954

L15.Temp. prom aire 0.000003 0.000004 0.635 0.525

L16.Conduct -0.097689 0.332867 -0.293 0.769

L16.Water 0.199310 0.508842 0.392 0.695

L16.Temp 0.067268 0.041099 1.637 0.102

L16.Precip. horaria 0.000006 0.000009 0.631 0.528

L16.Temp. prom aire -0.000003 0.000004 -0.660 0.509

L17.Conduct -0.140648 NAN NAN NAN

L17.Water -0.196814 NAN NAN NAN

L17.Temp -0.249997 NAN NAN NAN

L17.Precip. horaria 0.000004 0.000009 0.409 0.683

L17.Temp. prom aire 0.000002 0.000004 0.540 0.589

L18.Conduct 0.195512 NAN NAN NAN

L18.Water 0.408550 NAN NAN NAN

L18.Temp 0.404987 NAN NAN NAN

L18.Precip. horaria 0.000002 0.000008 0.298 0.766

L18.Temp. prom aire -0.000001 0.000004 -0.369 0.712

L19.Conduct -0.084010 NAN NAN NAN

L19.Water -0.627619 0.422962 -1.484 0.138

L19.Temp -0.379573 NAN NAN NAN

L19.Precip. horaria 0.000009 0.000008 1.070 0.285

L19.Temp. prom aire 0.000001 0.000004 0.138 0.890

L20.Conduct -0.048702 0.317807 -0.153 0.878

L20.Water 0.524098 NAN NAN NAN

L20.Temp 0.241406 NAN NAN NAN

L20.Precip. horaria 0.000007 0.000009 0.819 0.413

L20.Temp. prom aire -0.000003 0.000004 -0.641 0.522

L21.Conduct 0.249178 NAN NAN NAN

L21.Water -0.451660 NAN NAN NAN

L21.Temp -0.051011 NAN NAN NAN

L21.Precip. horaria 0.000014 0.000009 1.579 0.114

L21.Temp. prom aire 0.000001 0.000004 0.282 0.778

L22.Conduct -0.914399 NAN NAN NAN

L22.Water 0.805625 NAN NAN NAN

L22.Temp -0.372449 NAN NAN NAN

L22.Precip. horaria 0.000003 0.000008 0.416 0.677

L22.Temp. prom aire 0.000001 0.000004 0.243 0.808

L23.Conduct 1.813189 NAN NAN NAN

L23.Water -1.067385 NAN NAN NAN

L23.Temp 0.907367 NAN NAN NAN

L23.Precip. horaria -0.000006 0.000009 -0.677 0.499

L23.Temp. prom aire -0.000001 0.000004 -0.340 0.734

L24.Conduct -1.683365 NAN NAN NAN

L24.Water -0.977304 0.656572 -1.488 0.137

L24.Temp -0.941514 NAN NAN NAN

L24.Precip. horaria -0.000012 0.000009 -1.391 0.164

L24.Temp. prom aire 0.000001 0.000004 0.199 0.842

L25.Conduct 0.592360 0.046395 12.768 0.000

L25.Water 6.698047 NAN NAN NAN

L25.Temp 0.317992 NAN NAN NAN

L25.Precip. horaria 0.000021 0.000009 2.358 0.018

L25.Temp. prom aire -0.000001 0.000004 -0.191 0.848

L26.Conduct 0.026652 0.013891 1.919 0.055

L26.Water -11.631415 NAN NAN NAN

L26.Temp 0.291145 NAN NAN NAN

L26.Precip. horaria -0.000019 0.000009 -2.093 0.036

L26.Temp. prom aire 0.000002 0.000004 0.403 0.687

L27.Conduct -0.022898 NAN NAN NAN

L27.Water 10.755409 NAN NAN NAN

L27.Temp -0.562509 NAN NAN NAN

L27.Precip. horaria -0.000008 0.000009 -0.870 0.384

L27.Temp. prom aire -0.000002 0.000004 -0.440 0.660

L28.Conduct 0.003225 NAN NAN NAN

L28.Water -6.416869 NAN NAN NAN

L28.Temp 0.698436 NAN NAN NAN

L28.Precip. horaria -0.000008 0.000009 -0.842 0.400

L28.Temp. prom aire 0.000001 0.000004 0.281 0.778

L29.Conduct -0.010885 0.011080 -0.982 0.326

L29.Water 2.957849 NAN NAN NAN

L29.Temp -0.599911 0.462450 -1.297 0.195

L29.Precip. horaria -0.000006 0.000009 -0.635 0.525

L29.Temp. prom aire 0.000001 0.000004 0.366 0.715

L30.Conduct -0.000162 0.015108 -0.011 0.991

L30.Water -1.082975 NAN NAN NAN

L30.Temp 0.286184 0.435738 0.657 0.511

L30.Precip. horaria -0.000008 0.000009 -0.855 0.393

L30.Temp. prom aire -0.000001 0.000004 -0.239 0.811

L31.Conduct -0.002196 0.006473 -0.339 0.734

L31.Water 0.340078 NAN NAN NAN

L31.Temp -0.079653 NAN NAN NAN

L31.Precip. horaria -0.000002 0.000009 -0.197 0.844

L31.Temp. prom aire 0.000001 0.000004 0.355 0.723

L32.Conduct 0.006271 0.006756 0.928 0.353

L32.Water -0.352493 NAN NAN NAN

L32.Temp 0.055134 NAN NAN NAN

L32.Precip. horaria 0.000003 0.000009 0.360 0.719

L32.Temp. prom aire -0.000003 0.000004 -0.646 0.518

L33.Conduct -0.003351 0.014790 -0.227 0.821

L33.Water 0.477879 NAN NAN NAN

L33.Temp -0.104351 NAN NAN NAN

L33.Precip. horaria 0.000004 0.000009 0.448 0.654

L33.Temp. prom aire 0.000005 0.000004 1.209 0.227

L34.Conduct -0.006458 0.011658 -0.554 0.580

L34.Water -0.412595 NAN NAN NAN

L34.Temp 0.111744 NAN NAN NAN

L34.Precip. horaria -0.000009 0.000009 -0.983 0.326

L34.Temp. prom aire -0.000007 0.000004 -1.633 0.103

L35.Conduct 0.009432 0.001005 9.384 0.000

L35.Water 0.289746 NAN NAN NAN

L35.Temp -0.033697 NAN NAN NAN

L35.Precip. horaria -0.000007 0.000009 -0.837 0.403

L35.Temp. prom aire 0.000004 0.000004 0.961 0.337

L36.Conduct -0.002009 0.010758 -0.187 0.852

L36.Water -0.239089 0.813547 -0.294 0.769

L36.Temp -0.044609 NAN NAN NAN

L36.Precip. horaria -0.000013 0.000009 -1.483 0.138

L36.Temp. prom aire -0.000001 0.000004 -0.168 0.866

L37.Conduct -0.001387 0.015012 -0.092 0.926

L37.Water 0.140528 NAN NAN NAN

L37.Temp 0.075753 NAN NAN NAN

L37.Precip. horaria -0.000006 0.000009 -0.646 0.518

L37.Temp. prom aire 0.000001 0.000004 0.362 0.717

L38.Conduct -0.005204 0.011782 -0.442 0.659

L38.Water 0.038182 NAN NAN NAN

L38.Temp -0.057581 NAN NAN NAN

L38.Precip. horaria -0.000006 0.000009 -0.641 0.521

L38.Temp. prom aire -0.000001 0.000004 -0.368 0.713

L39.Conduct 0.010804 0.009067 1.192 0.233

L39.Water -0.208554 NAN NAN NAN

L39.Temp -0.013336 NAN NAN NAN

L39.Precip. horaria -0.000002 0.000009 -0.213 0.831

L39.Temp. prom aire 0.000000 0.000004 0.061 0.951

L40.Conduct -0.006276 0.014095 -0.445 0.656

L40.Water 0.405382 NAN NAN NAN

L40.Temp 0.073881 NAN NAN NAN

L40.Precip. horaria -0.000006 0.000009 -0.725 0.468

L40.Temp. prom aire 0.000000 0.000004 0.001 0.999

L41.Conduct 0.002420 0.014086 0.172 0.864

L41.Water -0.669381 NAN NAN NAN

L41.Temp -0.112294 NAN NAN NAN

L41.Precip. horaria -0.000005 0.000009 -0.559 0.576

L41.Temp. prom aire -0.000001 0.000004 -0.274 0.784

L42.Conduct -0.006988 0.013355 -0.523 0.601

L42.Water 0.978148 NAN NAN NAN

L42.Temp 0.168437 NAN NAN NAN

L42.Precip. horaria 0.000002 0.000009 0.207 0.836

L42.Temp. prom aire 0.000003 0.000004 0.652 0.514

L43.Conduct -0.005602 0.014617 -0.383 0.702

L43.Water -0.989749 NAN NAN NAN

L43.Temp -0.169773 NAN NAN NAN

L43.Precip. horaria 0.000007 0.000009 0.763 0.446

L43.Temp. prom aire -0.000001 0.000004 -0.320 0.749

L44.Conduct 0.022329 0.014584 1.531 0.126

L44.Water 0.372079 NAN NAN NAN

L44.Temp 0.103272 0.442258 0.234 0.815

L44.Precip. horaria 0.000009 0.000009 1.042 0.297

L44.Temp. prom aire 0.000002 0.000004 0.381 0.704

L45.Conduct -0.011176 0.014276 -0.783 0.434

L45.Water 0.251702 NAN NAN NAN

L45.Temp -0.075630 0.388023 -0.195 0.845

L45.Precip. horaria 0.000001 0.000009 0.165 0.869

L45.Temp. prom aire -0.000001 0.000004 -0.272 0.785

L46.Conduct 0.007338 0.014341 0.512 0.609

L46.Water -0.211520 NAN NAN NAN

L46.Temp 0.073822 0.260126 0.284 0.777

L46.Precip. horaria 0.000002 0.000009 0.243 0.808

L46.Temp. prom aire 0.000002 0.000004 0.483 0.629

L47.Conduct -0.015270 0.010544 -1.448 0.148

L47.Water -0.035243 NAN NAN NAN

L47.Temp -0.040108 0.116658 -0.344 0.731

L47.Precip. horaria 0.000003 0.000009 0.388 0.698

L47.Temp. prom aire -0.000003 0.000004 -0.734 0.463

L48.Conduct 0.007515 0.003300 2.277 0.023

L48.Water 0.043718 NAN NAN NAN

L48.Temp 0.007947 0.023519 0.338 0.735

L48.Precip. horaria 0.000002 0.000008 0.245 0.807

L48.Temp. prom aire 0.000001 0.000002 0.357 0.721

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000023 0.000014 1.566 0.117

L1.Conduct 0.327122 NAN NAN NAN

L1.Water 3.360800 NAN NAN NAN

L1.Temp 0.190925 0.008042 23.740 0.000

L1.Precip. horaria -0.000000 0.000006 -0.010 0.992

L1.Temp. prom aire -0.000000 0.000002 -0.222 0.824

L2.Conduct -1.341425 NAN NAN NAN

L2.Water -3.579651 NAN NAN NAN

L2.Temp -0.764709 0.028270 -27.051 0.000

L2.Precip. horaria 0.000002 0.000007 0.303 0.762

L2.Temp. prom aire 0.000003 0.000003 1.114 0.265

L3.Conduct 2.267591 NAN NAN NAN

L3.Water 0.481736 NAN NAN NAN

L3.Temp 1.179909 NAN NAN NAN

L3.Precip. horaria 0.000008 0.000007 1.123 0.262

L3.Temp. prom aire -0.000003 0.000003 -0.833 0.405

L4.Conduct -2.166611 NAN NAN NAN

L4.Water 1.474032 NAN NAN NAN

L4.Temp -0.889010 NAN NAN NAN

L4.Precip. horaria -0.000000 0.000007 -0.016 0.987

L4.Temp. prom aire -0.000001 0.000003 -0.269 0.788

L5.Conduct 1.469596 NAN NAN NAN

L5.Water -1.128692 NAN NAN NAN

L5.Temp 0.390616 NAN NAN NAN

L5.Precip. horaria 0.000003 0.000007 0.361 0.718

L5.Temp. prom aire 0.000001 0.000003 0.388 0.698

L6.Conduct -0.808775 NAN NAN NAN

L6.Water 0.723061 0.303018 2.386 0.017

L6.Temp -0.168116 NAN NAN NAN

L6.Precip. horaria 0.000002 0.000007 0.347 0.728

L6.Temp. prom aire -0.000004 0.000003 -1.256 0.209

L7.Conduct 0.283163 NAN NAN NAN

L7.Water -0.336431 NAN NAN NAN

L7.Temp 0.079349 NAN NAN NAN

L7.Precip. horaria -0.000004 0.000007 -0.535 0.593

L7.Temp. prom aire 0.000004 0.000003 1.329 0.184

L8.Conduct -0.010186 NAN NAN NAN

L8.Water -0.058991 NAN NAN NAN

L8.Temp -0.031624 NAN NAN NAN

L8.Precip. horaria -0.000001 0.000007 -0.083 0.934

L8.Temp. prom aire -0.000003 0.000003 -0.806 0.420

L9.Conduct -0.067824 NAN NAN NAN

L9.Water 0.095158 NAN NAN NAN

L9.Temp 0.010828 NAN NAN NAN

L9.Precip. horaria -0.000004 0.000007 -0.486 0.627

L9.Temp. prom aire 0.000002 0.000003 0.709 0.478

L10.Conduct 0.143584 NAN NAN NAN

L10.Water -0.141279 0.086113 -1.641 0.101

L10.Temp 0.014094 NAN NAN NAN

L10.Precip. horaria -0.000004 0.000007 -0.588 0.557

L10.Temp. prom aire 0.000001 0.000003 0.293 0.770

L11.Conduct -0.184245 0.086166 -2.138 0.032

L11.Water 0.216356 NAN NAN NAN

L11.Temp -0.020206 NAN NAN NAN

L11.Precip. horaria -0.000005 0.000007 -0.713 0.476

L11.Temp. prom aire -0.000003 0.000003 -0.901 0.368

L12.Conduct 0.132421 0.014390 9.202 0.000

L12.Water -0.177938 0.262706 -0.677 0.498

L12.Temp 0.005043 NAN NAN NAN

L12.Precip. horaria -0.000004 0.000007 -0.591 0.554

L12.Temp. prom aire 0.000002 0.000003 0.612 0.541

L13.Conduct -0.049862 NAN NAN NAN

L13.Water 0.117256 NAN NAN NAN

L13.Temp 0.028735 0.087609 0.328 0.743

L13.Precip. horaria -0.000006 0.000007 -0.778 0.437

L13.Temp. prom aire -0.000004 0.000003 -1.132 0.257

L14.Conduct -0.018086 NAN NAN NAN

L14.Water -0.072880 NAN NAN NAN

L14.Temp -0.053660 NAN NAN NAN

L14.Precip. horaria -0.000000 0.000007 -0.070 0.944

L14.Temp. prom aire 0.000003 0.000003 0.958 0.338

L15.Conduct 0.001409 NAN NAN NAN

L15.Water 0.081484 NAN NAN NAN

L15.Temp 0.034859 NAN NAN NAN

L15.Precip. horaria -0.000001 0.000007 -0.081 0.935

L15.Temp. prom aire 0.000001 0.000003 0.347 0.729

L16.Conduct 0.169434 0.269737 0.628 0.530

L16.Water -0.189950 0.412338 -0.461 0.645

L16.Temp 0.017126 0.033304 0.514 0.607

L16.Precip. horaria 0.000001 0.000007 0.122 0.903

L16.Temp. prom aire -0.000002 0.000003 -0.717 0.474

L17.Conduct -0.368499 NAN NAN NAN

L17.Water 0.288460 NAN NAN NAN

L17.Temp -0.124183 NAN NAN NAN

L17.Precip. horaria 0.000000 0.000007 0.057 0.954

L17.Temp. prom aire 0.000002 0.000003 0.475 0.635

L18.Conduct 0.405787 NAN NAN NAN

L18.Water -0.141653 NAN NAN NAN

L18.Temp 0.240258 NAN NAN NAN

L18.Precip. horaria 0.000001 0.000007 0.186 0.852

L18.Temp. prom aire -0.000000 0.000003 -0.130 0.897

L19.Conduct -0.335721 NAN NAN NAN

L19.Water -0.030628 0.342745 -0.089 0.929

L19.Temp -0.223734 NAN NAN NAN

L19.Precip. horaria 0.000008 0.000007 1.112 0.266

L19.Temp. prom aire -0.000000 0.000003 -0.050 0.960

L20.Conduct 0.316799 0.257533 1.230 0.219

L20.Water -0.141236 NAN NAN NAN

L20.Temp 0.126486 NAN NAN NAN

L20.Precip. horaria 0.000007 0.000007 0.921 0.357

L20.Temp. prom aire -0.000001 0.000003 -0.395 0.693

L21.Conduct -0.326877 NAN NAN NAN

L21.Water 0.371626 NAN NAN NAN

L21.Temp -0.005174 NAN NAN NAN

L21.Precip. horaria 0.000007 0.000007 1.038 0.299

L21.Temp. prom aire 0.000000 0.000003 0.145 0.885

L22.Conduct 0.262711 NAN NAN NAN

L22.Water -0.609160 NAN NAN NAN

L22.Temp -0.325145 NAN NAN NAN

L22.Precip. horaria 0.000004 0.000006 0.691 0.490

L22.Temp. prom aire 0.000001 0.000003 0.203 0.839

L23.Conduct -0.081115 NAN NAN NAN

L23.Water 1.058547 NAN NAN NAN

L23.Temp 0.796522 NAN NAN NAN

L23.Precip. horaria -0.000002 0.000007 -0.300 0.764

L23.Temp. prom aire -0.000000 0.000003 -0.076 0.940

L24.Conduct -0.082403 NAN NAN NAN

L24.Water -2.374348 0.532050 -4.463 0.000

L24.Temp -0.955652 NAN NAN NAN

L24.Precip. horaria -0.000007 0.000007 -0.940 0.347

L24.Temp. prom aire 0.000000 0.000003 0.035 0.972

L25.Conduct 0.062865 0.037596 1.672 0.095

L25.Water 5.715308 NAN NAN NAN

L25.Temp 0.739374 NAN NAN NAN

L25.Precip. horaria 0.000001 0.000007 0.175 0.861

L25.Temp. prom aire -0.000000 0.000003 -0.121 0.904

L26.Conduct 0.007437 0.011257 0.661 0.509

L26.Water -8.673043 NAN NAN NAN

L26.Temp -0.560786 NAN NAN NAN

L26.Precip. horaria -0.000005 0.000007 -0.746 0.455

L26.Temp. prom aire 0.000001 0.000003 0.229 0.819

L27.Conduct -0.003572 NAN NAN NAN

L27.Water 7.481371 NAN NAN NAN

L27.Temp 0.416178 NAN NAN NAN

L27.Precip. horaria -0.000008 0.000007 -1.099 0.272

L27.Temp. prom aire 0.000000 0.000003 0.035 0.972

L28.Conduct -0.002350 NAN NAN NAN

L28.Water -3.842864 NAN NAN NAN

L28.Temp -0.117875 NAN NAN NAN

L28.Precip. horaria -0.000008 0.000007 -1.164 0.245

L28.Temp. prom aire 0.000000 0.000003 0.051 0.960

L29.Conduct -0.003639 0.008979 -0.405 0.685

L29.Water 1.230999 NAN NAN NAN

L29.Temp -0.052303 0.374745 -0.140 0.889

L29.Precip. horaria -0.000007 0.000007 -0.902 0.367

L29.Temp. prom aire -0.000000 0.000003 -0.018 0.985

L30.Conduct 0.000148 0.012243 0.012 0.990

L30.Water -0.011372 NAN NAN NAN

L30.Temp -0.018132 0.353098 -0.051 0.959

L30.Precip. horaria -0.000006 0.000007 -0.792 0.429

L30.Temp. prom aire 0.000002 0.000003 0.541 0.589

L31.Conduct 0.000886 0.005246 0.169 0.866

L31.Water -0.375619 NAN NAN NAN

L31.Temp 0.079539 NAN NAN NAN

L31.Precip. horaria 0.000001 0.000007 0.106 0.915

L31.Temp. prom aire -0.000002 0.000003 -0.553 0.580

L32.Conduct 0.000408 0.005474 0.074 0.941

L32.Water 0.256816 NAN NAN NAN

L32.Temp -0.058471 NAN NAN NAN

L32.Precip. horaria 0.000003 0.000007 0.472 0.637

L32.Temp. prom aire 0.000000 0.000003 0.064 0.949

L33.Conduct -0.000691 0.011985 -0.058 0.954

L33.Water -0.063181 NAN NAN NAN

L33.Temp 0.007865 NAN NAN NAN

L33.Precip. horaria -0.000002 0.000007 -0.213 0.832

L33.Temp. prom aire 0.000002 0.000003 0.766 0.444

L34.Conduct 0.000584 0.009447 0.062 0.951

L34.Water 0.005946 NAN NAN NAN

L34.Temp 0.017852 NAN NAN NAN

L34.Precip. horaria -0.000005 0.000007 -0.742 0.458

L34.Temp. prom aire -0.000005 0.000003 -1.463 0.143

L35.Conduct 0.000423 0.000814 0.519 0.603

L35.Water -0.042845 NAN NAN NAN

L35.Temp 0.011325 NAN NAN NAN

L35.Precip. horaria -0.000008 0.000007 -1.123 0.262

L35.Temp. prom aire 0.000003 0.000003 0.896 0.370

L36.Conduct 0.002231 0.008717 0.256 0.798

L36.Water 0.025744 0.659254 0.039 0.969

L36.Temp -0.034041 NAN NAN NAN

L36.Precip. horaria -0.000008 0.000007 -1.075 0.282

L36.Temp. prom aire -0.000000 0.000003 -0.081 0.935

L37.Conduct -0.004827 0.012165 -0.397 0.692

L37.Water 0.046527 NAN NAN NAN

L37.Temp 0.022133 NAN NAN NAN

L37.Precip. horaria -0.000004 0.000007 -0.575 0.566

L37.Temp. prom aire 0.000001 0.000003 0.296 0.767

L38.Conduct 0.001075 0.009548 0.113 0.910

L38.Water -0.065925 NAN NAN NAN

L38.Temp 0.003255 NAN NAN NAN

L38.Precip. horaria -0.000005 0.000007 -0.646 0.518

L38.Temp. prom aire -0.000001 0.000003 -0.235 0.814

L39.Conduct 0.005174 0.007348 0.704 0.481

L39.Water -0.074541 NAN NAN NAN

L39.Temp -0.034428 NAN NAN NAN

L39.Precip. horaria -0.000002 0.000007 -0.255 0.798

L39.Temp. prom aire -0.000000 0.000003 -0.014 0.989

L40.Conduct -0.004368 0.011421 -0.382 0.702

L40.Water 0.374161 NAN NAN NAN

L40.Temp 0.033617 NAN NAN NAN

L40.Precip. horaria -0.000003 0.000007 -0.410 0.682

L40.Temp. prom aire -0.000000 0.000003 -0.115 0.908

L41.Conduct -0.000661 0.011414 -0.058 0.954

L41.Water -0.714969 NAN NAN NAN

L41.Temp -0.009271 NAN NAN NAN

L41.Precip. horaria -0.000004 0.000007 -0.544 0.587

L41.Temp. prom aire 0.000000 0.000003 0.086 0.931

L42.Conduct -0.002999 0.010822 -0.277 0.782

L42.Water 1.083763 NAN NAN NAN

L42.Temp 0.004447 NAN NAN NAN

L42.Precip. horaria 0.000000 0.000007 0.068 0.946

L42.Temp. prom aire 0.000001 0.000003 0.219 0.826

L43.Conduct -0.003788 0.011845 -0.320 0.749

L43.Water -1.192805 NAN NAN NAN

L43.Temp 0.038074 NAN NAN NAN

L43.Precip. horaria 0.000004 0.000007 0.572 0.567

L43.Temp. prom aire 0.000000 0.000003 0.032 0.975

L44.Conduct 0.019460 0.011818 1.647 0.100

L44.Water 0.660289 NAN NAN NAN

L44.Temp -0.119277 0.358382 -0.333 0.739

L44.Precip. horaria 0.000007 0.000007 1.026 0.305

L44.Temp. prom aire 0.000000 0.000003 0.119 0.906

L45.Conduct -0.013127 0.011568 -1.135 0.256

L45.Water -0.026341 NAN NAN NAN

L45.Temp 0.128997 0.314433 0.410 0.682

L45.Precip. horaria 0.000003 0.000007 0.461 0.645

L45.Temp. prom aire -0.000001 0.000003 -0.271 0.786

L46.Conduct 0.003947 0.011621 0.340 0.734

L46.Water -0.046814 NAN NAN NAN

L46.Temp -0.070803 0.210792 -0.336 0.737

L46.Precip. horaria 0.000002 0.000007 0.210 0.834

L46.Temp. prom aire 0.000001 0.000003 0.204 0.838

L47.Conduct -0.006045 0.008544 -0.707 0.479

L47.Water -0.084433 NAN NAN NAN

L47.Temp 0.023822 0.094533 0.252 0.801

L47.Precip. horaria 0.000000 0.000007 0.034 0.973

L47.Temp. prom aire -0.000001 0.000003 -0.299 0.765

L48.Conduct 0.003440 0.002674 1.286 0.198

L48.Water 0.048149 NAN NAN NAN

L48.Temp -0.004631 0.019059 -0.243 0.808

L48.Precip. horaria 0.000005 0.000006 0.742 0.458

L48.Temp. prom aire -0.000000 0.000002 -0.063 0.950

=============================================================

Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000007 0.000018 -0.384 0.701

L1.Conduct -0.288024 NAN NAN NAN

L1.Water 1.879336 NAN NAN NAN

L1.Temp 4.241209 0.010095 420.135 0.000

L1.Precip. horaria 0.000000 0.000008 0.055 0.956

L1.Temp. prom aire -0.000002 0.000002 -1.016 0.310

L2.Conduct 1.132058 NAN NAN NAN

L2.Water -8.003760 NAN NAN NAN

L2.Temp -7.360028 0.035485 -207.415 0.000

L2.Precip. horaria 0.000001 0.000009 0.057 0.955

L2.Temp. prom aire 0.000000 0.000004 0.068 0.946

L3.Conduct -1.768842 NAN NAN NAN

L3.Water 13.735248 NAN NAN NAN

L3.Temp 7.225513 NAN NAN NAN

L3.Precip. horaria -0.000008 0.000009 -0.930 0.353

L3.Temp. prom aire 0.000000 0.000004 0.093 0.926

L4.Conduct 1.497255 NAN NAN NAN

L4.Water -12.779663 NAN NAN NAN

L4.Temp -5.369094 NAN NAN NAN

L4.Precip. horaria 0.000000 0.000009 0.016 0.987

L4.Temp. prom aire 0.000005 0.000004 1.343 0.179

L5.Conduct -0.923601 NAN NAN NAN

L5.Water 8.443134 NAN NAN NAN

L5.Temp 3.867600 NAN NAN NAN

L5.Precip. horaria 0.000004 0.000009 0.447 0.655

L5.Temp. prom aire -0.000001 0.000004 -0.268 0.788

L6.Conduct 0.499729 NAN NAN NAN

L6.Water -5.459171 0.380354 -14.353 0.000

L6.Temp -2.492686 NAN NAN NAN

L6.Precip. horaria -0.000006 0.000009 -0.649 0.516

L6.Temp. prom aire 0.000003 0.000004 0.799 0.424

L7.Conduct -0.121962 NAN NAN NAN

L7.Water 3.165930 NAN NAN NAN

L7.Temp 1.431985 NAN NAN NAN

L7.Precip. horaria 0.000001 0.000009 0.059 0.953

L7.Temp. prom aire -0.000006 0.000004 -1.509 0.131

L8.Conduct -0.063625 NAN NAN NAN

L8.Water -1.536300 NAN NAN NAN

L8.Temp -0.877948 NAN NAN NAN

L8.Precip. horaria 0.000004 0.000009 0.424 0.672

L8.Temp. prom aire 0.000007 0.000004 1.601 0.109

L9.Conduct 0.107990 NAN NAN NAN

L9.Water 0.892685 NAN NAN NAN

L9.Temp 0.511499 NAN NAN NAN

L9.Precip. horaria 0.000001 0.000009 0.125 0.900

L9.Temp. prom aire -0.000007 0.000004 -1.651 0.099

L10.Conduct -0.208982 NAN NAN NAN

L10.Water -0.344429 0.108091 -3.186 0.001

L10.Temp -0.285427 NAN NAN NAN

L10.Precip. horaria 0.000004 0.000009 0.505 0.614

L10.Temp. prom aire 0.000002 0.000004 0.571 0.568

L11.Conduct 0.274820 0.108157 2.541 0.011

L11.Water -0.074283 NAN NAN NAN

L11.Temp 0.150460 NAN NAN NAN

L11.Precip. horaria 0.000001 0.000008 0.170 0.865

L11.Temp. prom aire 0.000002 0.000004 0.564 0.573

L12.Conduct -0.271602 0.018063 -15.036 0.000

L12.Water 0.223315 0.329755 0.677 0.498

L12.Temp -0.053232 NAN NAN NAN

L12.Precip. horaria 0.000004 0.000009 0.484 0.628

L12.Temp. prom aire -0.000004 0.000004 -0.867 0.386

L13.Conduct 0.264790 NAN NAN NAN

L13.Water -0.327993 NAN NAN NAN

L13.Temp -0.000272 0.109968 -0.002 0.998

L13.Precip. horaria 0.000005 0.000009 0.586 0.558

L13.Temp. prom aire 0.000003 0.000004 0.724 0.469

L14.Conduct -0.209471 NAN NAN NAN

L14.Water 0.311415 NAN NAN NAN

L14.Temp 0.013896 NAN NAN NAN

L14.Precip. horaria 0.000003 0.000009 0.362 0.717

L14.Temp. prom aire -0.000004 0.000004 -0.965 0.335

L15.Conduct 0.162161 NAN NAN NAN

L15.Water -0.232474 NAN NAN NAN

L15.Temp 0.002686 NAN NAN NAN

L15.Precip. horaria 0.000002 0.000008 0.249 0.804

L15.Temp. prom aire 0.000002 0.000004 0.544 0.586

L16.Conduct -0.272452 0.338580 -0.805 0.421

L16.Water 0.280198 0.517576 0.541 0.588

L16.Temp -0.053078 0.041804 -1.270 0.204

L16.Precip. horaria -0.000002 0.000009 -0.208 0.835

L16.Temp. prom aire 0.000001 0.000004 0.332 0.740

L17.Conduct 0.468704 NAN NAN NAN

L17.Water -0.258744 NAN NAN NAN

L17.Temp 0.258379 NAN NAN NAN

L17.Precip. horaria -0.000002 0.000009 -0.196 0.844

L17.Temp. prom aire -0.000000 0.000004 -0.102 0.918

L18.Conduct -0.518878 NAN NAN NAN

L18.Water -0.153871 NAN NAN NAN

L18.Temp -0.532862 NAN NAN NAN

L18.Precip. horaria 0.000001 0.000008 0.152 0.879

L18.Temp. prom aire 0.000000 0.000004 0.099 0.922

L19.Conduct 0.391864 NAN NAN NAN

L19.Water 0.668285 0.430221 1.553 0.120

L19.Temp 0.677782 NAN NAN NAN

L19.Precip. horaria -0.000004 0.000009 -0.412 0.680

L19.Temp. prom aire -0.000001 0.000004 -0.179 0.858

L20.Conduct -0.257837 0.323261 -0.798 0.425

L20.Water -0.972295 NAN NAN NAN

L20.Temp -0.802655 NAN NAN NAN

L20.Precip. horaria -0.000007 0.000009 -0.812 0.417

L20.Temp. prom aire 0.000001 0.000004 0.272 0.786

L21.Conduct 0.169527 NAN NAN NAN

L21.Water 1.323217 NAN NAN NAN

L21.Temp 0.918714 NAN NAN NAN

L21.Precip. horaria -0.000007 0.000009 -0.832 0.405

L21.Temp. prom aire 0.000002 0.000004 0.511 0.609

L22.Conduct -0.051739 NAN NAN NAN

L22.Water -1.756050 NAN NAN NAN

L22.Temp -1.089210 NAN NAN NAN

L22.Precip. horaria -0.000006 0.000008 -0.782 0.434

L22.Temp. prom aire -0.000002 0.000004 -0.506 0.613

L23.Conduct -0.120806 NAN NAN NAN

L23.Water 2.179876 NAN NAN NAN

L23.Temp 1.391504 NAN NAN NAN

L23.Precip. horaria -0.000002 0.000009 -0.184 0.854

L23.Temp. prom aire 0.000000 0.000004 0.033 0.974

L24.Conduct 0.207186 NAN NAN NAN

L24.Water -1.531801 0.667840 -2.294 0.022

L24.Temp -1.764028 NAN NAN NAN

L24.Precip. horaria 0.000005 0.000009 0.568 0.570

L24.Temp. prom aire -0.000003 0.000004 -0.682 0.495

L25.Conduct -0.101784 0.047191 -2.157 0.031

L25.Water -1.069262 NAN NAN NAN

L25.Temp 2.769007 NAN NAN NAN

L25.Precip. horaria 0.000008 0.000009 0.934 0.350

L25.Temp. prom aire 0.000003 0.000004 0.870 0.384

L26.Conduct -0.004412 0.014129 -0.312 0.755

L26.Water 2.274271 NAN NAN NAN

L26.Temp -4.012143 NAN NAN NAN

L26.Precip. horaria -0.000000 0.000009 -0.038 0.970

L26.Temp. prom aire -0.000001 0.000004 -0.299 0.765

L27.Conduct 0.000884 NAN NAN NAN

L27.Water 0.316581 NAN NAN NAN

L27.Temp 4.009220 NAN NAN NAN

L27.Precip. horaria 0.000003 0.000009 0.276 0.783

L27.Temp. prom aire -0.000003 0.000004 -0.690 0.490

L28.Conduct 0.004375 NAN NAN NAN

L28.Water -3.178319 NAN NAN NAN

L28.Temp -3.068159 NAN NAN NAN

L28.Precip. horaria 0.000008 0.000009 0.913 0.361

L28.Temp. prom aire -0.000001 0.000004 -0.247 0.805

L29.Conduct 0.003034 0.011270 0.269 0.788

L29.Water 3.883029 NAN NAN NAN

L29.Temp 2.157245 0.470388 4.586 0.000

L29.Precip. horaria 0.000004 0.000009 0.449 0.653

L29.Temp. prom aire -0.000001 0.000004 -0.148 0.882

L30.Conduct 0.001079 0.015367 0.070 0.944

L30.Water -3.463560 NAN NAN NAN

L30.Temp -1.297609 0.443217 -2.928 0.003

L30.Precip. horaria 0.000008 0.000009 0.854 0.393

L30.Temp. prom aire -0.000002 0.000004 -0.433 0.665

L31.Conduct -0.000869 0.006584 -0.132 0.895

L31.Water 2.518821 NAN NAN NAN

L31.Temp 0.669559 NAN NAN NAN

L31.Precip. horaria 0.000001 0.000009 0.160 0.873

L31.Temp. prom aire 0.000003 0.000004 0.620 0.535

L32.Conduct -0.001077 0.006872 -0.157 0.875

L32.Water -1.459586 NAN NAN NAN

L32.Temp -0.382222 NAN NAN NAN

L32.Precip. horaria -0.000008 0.000009 -0.901 0.368

L32.Temp. prom aire 0.000000 0.000004 0.117 0.907

L33.Conduct 0.001404 0.015044 0.093 0.926

L33.Water 0.757224 NAN NAN NAN

L33.Temp 0.232035 NAN NAN NAN

L33.Precip. horaria -0.000002 0.000009 -0.175 0.861

L33.Temp. prom aire -0.000001 0.000004 -0.258 0.796

L34.Conduct -0.000663 0.011859 -0.056 0.955

L34.Water -0.368923 NAN NAN NAN

L34.Temp -0.131106 NAN NAN NAN

L34.Precip. horaria 0.000004 0.000009 0.390 0.697

L34.Temp. prom aire -0.000000 0.000004 -0.108 0.914

L35.Conduct 0.000510 0.001022 0.499 0.618

L35.Water 0.186785 NAN NAN NAN

L35.Temp 0.054910 NAN NAN NAN

L35.Precip. horaria 0.000006 0.000009 0.674 0.501

L35.Temp. prom aire 0.000001 0.000004 0.148 0.883

L36.Conduct -0.006722 0.010942 -0.614 0.539

L36.Water -0.066945 0.827510 -0.081 0.936

L36.Temp -0.033751 NAN NAN NAN

L36.Precip. horaria 0.000008 0.000009 0.921 0.357

L36.Temp. prom aire 0.000002 0.000004 0.576 0.565

L37.Conduct 0.010322 0.015269 0.676 0.499

L37.Water -0.021859 NAN NAN NAN

L37.Temp 0.027337 NAN NAN NAN

L37.Precip. horaria 0.000004 0.000009 0.424 0.671

L37.Temp. prom aire -0.000002 0.000004 -0.506 0.613

L38.Conduct -0.004140 0.011984 -0.345 0.730

L38.Water -0.043991 NAN NAN NAN

L38.Temp -0.013190 NAN NAN NAN

L38.Precip. horaria 0.000001 0.000009 0.159 0.873

L38.Temp. prom aire 0.000001 0.000004 0.124 0.901

L39.Conduct -0.000731 0.009223 -0.079 0.937

L39.Water 0.279076 NAN NAN NAN

L39.Temp 0.037807 NAN NAN NAN

L39.Precip. horaria 0.000001 0.000009 0.089 0.929

L39.Temp. prom aire 0.000001 0.000004 0.144 0.885

L40.Conduct 0.000397 0.014336 0.028 0.978

L40.Water -0.635387 NAN NAN NAN

L40.Temp -0.066245 NAN NAN NAN

L40.Precip. horaria 0.000000 0.000009 0.029 0.977

L40.Temp. prom aire -0.000003 0.000004 -0.805 0.421

L41.Conduct -0.004721 0.014327 -0.330 0.742

L41.Water 1.297173 NAN NAN NAN

L41.Temp 0.147063 NAN NAN NAN

L41.Precip. horaria 0.000007 0.000009 0.760 0.447

L41.Temp. prom aire 0.000002 0.000004 0.611 0.541

L42.Conduct 0.011479 0.013584 0.845 0.398

L42.Water -2.310095 NAN NAN NAN

L42.Temp -0.306874 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000009 -0.154 0.878

L42.Temp. prom aire -0.000003 0.000004 -0.723 0.470

L43.Conduct -0.001267 0.014868 -0.085 0.932

L43.Water 2.876147 NAN NAN NAN

L43.Temp 0.472737 NAN NAN NAN

L43.Precip. horaria -0.000003 0.000009 -0.318 0.751

L43.Temp. prom aire 0.000001 0.000004 0.215 0.830

L44.Conduct -0.006761 0.014835 -0.456 0.649

L44.Water -2.523041 NAN NAN NAN

L44.Temp -0.741350 0.449849 -1.648 0.099

L44.Precip. horaria -0.000005 0.000009 -0.569 0.570

L44.Temp. prom aire -0.000001 0.000004 -0.260 0.795

L45.Conduct -0.006767 0.014521 -0.466 0.641

L45.Water 1.999087 NAN NAN NAN

L45.Temp 0.995149 0.394683 2.521 0.012

L45.Precip. horaria -0.000008 0.000009 -0.907 0.365

L45.Temp. prom aire -0.000000 0.000004 -0.041 0.967

L46.Conduct 0.005331 0.014587 0.365 0.715

L46.Water -1.579284 NAN NAN NAN

L46.Temp -0.820637 0.264591 -3.102 0.002

L46.Precip. horaria -0.000004 0.000009 -0.418 0.676

L46.Temp. prom aire 0.000003 0.000004 0.697 0.486

L47.Conduct 0.008361 0.010725 0.780 0.436

L47.Water 0.864987 NAN NAN NAN

L47.Temp 0.348409 0.118660 2.936 0.003

L47.Precip. horaria 0.000003 0.000009 0.321 0.748

L47.Temp. prom aire 0.000002 0.000004 0.520 0.603

L48.Conduct -0.005524 0.003357 -1.645 0.100

L48.Water -0.204734 NAN NAN NAN

L48.Temp -0.057900 0.023923 -2.420 0.016

L48.Precip. horaria -0.000003 0.000008 -0.389 0.697

L48.Temp. prom aire -0.000001 0.000002 -0.575 0.565

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.027394 0.021593 -1.269 0.205

L1.Conduct -37.329954 NAN NAN NAN

L1.Water 31.899302 NAN NAN NAN

L1.Temp -9.578811 12.042013 -0.795 0.426

L1.Precip. horaria 0.564206 0.009354 60.316 0.000

L1.Temp. prom aire -0.002418 0.002647 -0.914 0.361

L2.Conduct 108.728948 NAN NAN NAN

L2.Water -71.186891 NAN NAN NAN

L2.Temp 48.762825 42.328876 1.152 0.249

L2.Precip. horaria 0.144865 0.010650 13.602 0.000

L2.Temp. prom aire 0.008072 0.004557 1.771 0.077

L3.Conduct -124.124848 NAN NAN NAN

L3.Water 15.171148 NAN NAN NAN

L3.Temp -94.298408 NAN NAN NAN

L3.Precip. horaria 0.008240 0.010638 0.775 0.439

L3.Temp. prom aire -0.004688 0.004648 -1.009 0.313

L4.Conduct 190.651681 NAN NAN NAN

L4.Water -74.928372 NAN NAN NAN

L4.Temp 69.972460 NAN NAN NAN

L4.Precip. horaria -0.027310 0.010722 -2.547 0.011

L4.Temp. prom aire 0.002003 0.004695 0.427 0.670

L5.Conduct -457.464332 NAN NAN NAN

L5.Water 544.994055 NAN NAN NAN

L5.Temp 24.615140 NAN NAN NAN

L5.Precip. horaria -0.001717 0.010818 -0.159 0.874

L5.Temp. prom aire -0.004014 0.004873 -0.824 0.410

L6.Conduct 636.062936 NAN NAN NAN

L6.Water -976.347343 453.718149 -2.152 0.031

L6.Temp -97.279681 NAN NAN NAN

L6.Precip. horaria 0.012872 0.010682 1.205 0.228

L6.Temp. prom aire 0.003985 0.004869 0.818 0.413

L7.Conduct -431.463349 NAN NAN NAN

L7.Water 800.251344 NAN NAN NAN

L7.Temp 114.195003 NAN NAN NAN

L7.Precip. horaria 0.043859 0.010503 4.176 0.000

L7.Temp. prom aire -0.003083 0.004858 -0.635 0.526

L8.Conduct 40.731572 NAN NAN NAN

L8.Water -282.628183 NAN NAN NAN

L8.Temp -97.857401 NAN NAN NAN

L8.Precip. horaria -0.040407 0.010567 -3.824 0.000

L8.Temp. prom aire 0.004313 0.004858 0.888 0.375

L9.Conduct 257.513921 NAN NAN NAN

L9.Water -153.713479 NAN NAN NAN

L9.Temp 62.796993 NAN NAN NAN

L9.Precip. horaria 0.035891 0.010856 3.306 0.001

L9.Temp. prom aire -0.002887 0.004794 -0.602 0.547

L10.Conduct -414.402363 NAN NAN NAN

L10.Water 439.995766 128.940200 3.412 0.001

L10.Temp -32.019709 NAN NAN NAN

L10.Precip. horaria 0.046643 0.010525 4.432 0.000

L10.Temp. prom aire 0.003643 0.004765 0.764 0.445

L11.Conduct 480.755472 129.018658 3.726 0.000

L11.Water -574.445542 NAN NAN NAN

L11.Temp 13.233014 NAN NAN NAN

L11.Precip. horaria -0.008435 0.009980 -0.845 0.398

L11.Temp. prom aire -0.001094 0.004825 -0.227 0.821

L12.Conduct -549.971621 21.546959 -25.524 0.000

L12.Water 672.113327 393.358796 1.709 0.088

L12.Temp -11.445854 NAN NAN NAN

L12.Precip. horaria 0.032196 0.010530 3.057 0.002

L12.Temp. prom aire -0.004554 0.004872 -0.935 0.350

L13.Conduct 647.126872 NAN NAN NAN

L13.Water -786.167563 NAN NAN NAN

L13.Temp 40.728787 131.179214 0.310 0.756

L13.Precip. horaria -0.002619 0.010909 -0.240 0.810

L13.Temp. prom aire 0.003681 0.004835 0.761 0.446

L14.Conduct -652.093841 NAN NAN NAN

L14.Water 740.219464 NAN NAN NAN

L14.Temp -75.635721 NAN NAN NAN

L14.Precip. horaria -0.018731 0.010374 -1.806 0.071

L14.Temp. prom aire 0.002911 0.004795 0.607 0.544

L15.Conduct 506.944022 NAN NAN NAN

L15.Water -522.362308 NAN NAN NAN

L15.Temp 85.393413 NAN NAN NAN

L15.Precip. horaria 0.016495 0.009946 1.658 0.097

L15.Temp. prom aire -0.003927 0.004814 -0.816 0.415

L16.Conduct -336.704102 403.886080 -0.834 0.404

L16.Water 302.394833 617.407018 0.490 0.624

L16.Temp -84.380244 49.867297 -1.692 0.091

L16.Precip. horaria -0.025092 0.010735 -2.337 0.019

L16.Temp. prom aire 0.002036 0.004859 0.419 0.675

L17.Conduct 331.368898 NAN NAN NAN

L17.Water -263.061958 NAN NAN NAN

L17.Temp 73.045648 NAN NAN NAN

L17.Precip. horaria 0.006872 0.010667 0.644 0.519

L17.Temp. prom aire 0.000074 0.004875 0.015 0.988

L18.Conduct -568.267007 NAN NAN NAN

L18.Water 568.303635 NAN NAN NAN

L18.Temp -43.868278 NAN NAN NAN

L18.Precip. horaria 0.009590 0.010014 0.958 0.338

L18.Temp. prom aire 0.000249 0.004862 0.051 0.959

L19.Conduct 907.698178 NAN NAN NAN

L19.Water -1054.606061 513.203516 -2.055 0.040

L19.Temp 43.993771 NAN NAN NAN

L19.Precip. horaria -0.009491 0.010261 -0.925 0.355

L19.Temp. prom aire -0.003494 0.004859 -0.719 0.472

L20.Conduct -1216.965711 385.612798 -3.156 0.002

L20.Water 1421.652624 NAN NAN NAN

L20.Temp -79.867251 NAN NAN NAN

L20.Precip. horaria -0.009029 0.010886 -0.829 0.407

L20.Temp. prom aire 0.007814 0.004869 1.605 0.108

L21.Conduct 1725.373388 NAN NAN NAN

L21.Water -1950.911855 NAN NAN NAN

L21.Temp 140.401408 NAN NAN NAN

L21.Precip. horaria -0.013167 0.010407 -1.265 0.206

L21.Temp. prom aire -0.004476 0.004870 -0.919 0.358

L22.Conduct -2449.259526 NAN NAN NAN

L22.Water 2706.975940 NAN NAN NAN

L22.Temp -267.050285 NAN NAN NAN

L22.Precip. horaria 0.003298 0.009609 0.343 0.731

L22.Temp. prom aire 0.000575 0.004847 0.119 0.906

L23.Conduct 2515.492676 NAN NAN NAN

L23.Water -2720.731000 NAN NAN NAN

L23.Temp 376.436459 NAN NAN NAN

L23.Precip. horaria 0.040470 0.010348 3.911 0.000

L23.Temp. prom aire -0.001770 0.004788 -0.370 0.712

L24.Conduct -1502.021839 NAN NAN NAN

L24.Water 1804.807131 796.655325 2.265 0.023

L24.Temp -363.454144 NAN NAN NAN

L24.Precip. horaria -0.013473 0.010874 -1.239 0.215

L24.Temp. prom aire -0.002363 0.004744 -0.498 0.618

L25.Conduct 403.949134 56.293661 7.176 0.000

L25.Water -1058.725473 NAN NAN NAN

L25.Temp 316.991407 NAN NAN NAN

L25.Precip. horaria -0.023066 0.010704 -2.155 0.031

L25.Temp. prom aire 0.004615 0.004750 0.971 0.331

L26.Conduct -4.088840 16.854814 -0.243 0.808

L26.Water 830.038459 NAN NAN NAN

L26.Temp -284.149253 NAN NAN NAN

L26.Precip. horaria 0.014116 0.010833 1.303 0.193

L26.Temp. prom aire 0.000598 0.004816 0.124 0.901

L27.Conduct -6.223772 NAN NAN NAN

L27.Water -574.432705 NAN NAN NAN

L27.Temp 186.263419 NAN NAN NAN

L27.Precip. horaria 0.003955 0.010824 0.365 0.715

L27.Temp. prom aire -0.005277 0.004869 -1.084 0.278

L28.Conduct -1.520467 NAN NAN NAN

L28.Water 134.668998 NAN NAN NAN

L28.Temp -64.981475 NAN NAN NAN

L28.Precip. horaria 0.022456 0.010821 2.075 0.038

L28.Temp. prom aire 0.005081 0.004879 1.041 0.298

L29.Conduct 4.145322 13.444111 0.308 0.758

L29.Water 242.792513 NAN NAN NAN

L29.Temp 27.576052 561.117271 0.049 0.961

L29.Precip. horaria -0.016631 0.010857 -1.532 0.126

L29.Temp. prom aire -0.005334 0.004856 -1.099 0.272

L30.Conduct -6.389471 18.331096 -0.349 0.727

L30.Water -407.815729 NAN NAN NAN

L30.Temp -48.898490 528.705454 -0.092 0.926

L30.Precip. horaria -0.004060 0.010831 -0.375 0.708

L30.Temp. prom aire 0.006965 0.004839 1.439 0.150

L31.Conduct 3.134242 7.854459 0.399 0.690

L31.Water 431.301425 NAN NAN NAN

L31.Temp 44.581543 NAN NAN NAN

L31.Precip. horaria 0.008045 0.010798 0.745 0.456

L31.Temp. prom aire -0.005384 0.004856 -1.109 0.268

L32.Conduct -0.497355 8.196918 -0.061 0.952

L32.Water -513.411253 NAN NAN NAN

L32.Temp 14.660624 NAN NAN NAN

L32.Precip. horaria 0.003867 0.010808 0.358 0.721

L32.Temp. prom aire 0.002819 0.004870 0.579 0.563

L33.Conduct -4.015986 17.945368 -0.224 0.823

L33.Water 668.415979 NAN NAN NAN

L33.Temp -102.905700 NAN NAN NAN

L33.Precip. horaria 0.000589 0.010847 0.054 0.957

L33.Temp. prom aire -0.006023 0.004867 -1.237 0.216

L34.Conduct 4.437158 14.145824 0.314 0.754

L34.Water -748.251795 NAN NAN NAN

L34.Temp 166.546796 NAN NAN NAN

L34.Precip. horaria -0.015487 0.010850 -1.427 0.153

L34.Temp. prom aire 0.005079 0.004868 1.043 0.297

L35.Conduct -1.050088 1.219538 -0.861 0.389

L35.Water 734.531224 NAN NAN NAN

L35.Temp -179.760454 NAN NAN NAN

L35.Precip. horaria -0.018655 0.010861 -1.718 0.086

L35.Temp. prom aire -0.005256 0.004865 -1.080 0.280

L36.Conduct -3.388957 13.052850 -0.260 0.795

L36.Water -640.479644 987.122326 -0.649 0.516

L36.Temp 161.938284 NAN NAN NAN

L36.Precip. horaria 0.008348 0.010851 0.769 0.442

L36.Temp. prom aire 0.008642 0.004843 1.784 0.074

L37.Conduct 4.252830 18.214687 0.233 0.815

L37.Water 461.859593 NAN NAN NAN

L37.Temp -118.960235 NAN NAN NAN

L37.Precip. horaria 0.002239 0.010820 0.207 0.836

L37.Temp. prom aire -0.003783 0.004846 -0.781 0.435

L38.Conduct -0.670889 14.295883 -0.047 0.963

L38.Water -288.069958 NAN NAN NAN

L38.Temp 44.449800 NAN NAN NAN

L38.Precip. horaria -0.007119 0.010828 -0.657 0.511

L38.Temp. prom aire 0.000563 0.004869 0.116 0.908

L39.Conduct -0.581866 11.001781 -0.053 0.958

L39.Water 282.358929 NAN NAN NAN

L39.Temp -5.725626 NAN NAN NAN

L39.Precip. horaria 0.001378 0.010852 0.127 0.899

L39.Temp. prom aire -0.005215 0.004874 -1.070 0.285

L40.Conduct -1.343809 17.101748 -0.079 0.937

L40.Water -528.029451 NAN NAN NAN

L40.Temp 66.764403 NAN NAN NAN

L40.Precip. horaria -0.006193 0.010757 -0.576 0.565

L40.Temp. prom aire 0.006339 0.004856 1.306 0.192

L41.Conduct 3.579529 17.090781 0.209 0.834

L41.Water 874.473801 NAN NAN NAN

L41.Temp -167.711203 NAN NAN NAN

L41.Precip. horaria 0.002443 0.010630 0.230 0.818

L41.Temp. prom aire -0.005399 0.004787 -1.128 0.259

L42.Conduct 0.278172 16.203966 0.017 0.986

L42.Water -1039.840133 NAN NAN NAN

L42.Temp 230.490776 NAN NAN NAN

L42.Precip. horaria -0.007319 0.010745 -0.681 0.496

L42.Temp. prom aire 0.000852 0.004783 0.178 0.859

L43.Conduct -2.316432 17.736088 -0.131 0.896

L43.Water 878.879935 NAN NAN NAN

L43.Temp -227.116473 NAN NAN NAN

L43.Precip. horaria 0.000692 0.010843 0.064 0.949

L43.Temp. prom aire 0.004335 0.004877 0.889 0.374

L44.Conduct -0.917413 17.696174 -0.052 0.959

L44.Water -489.491174 NAN NAN NAN

L44.Temp 152.945994 536.617071 0.285 0.776

L44.Precip. horaria 0.013506 0.010590 1.275 0.202

L44.Temp. prom aire -0.002652 0.004880 -0.543 0.587

L45.Conduct -3.523649 17.321275 -0.203 0.839

L45.Water 20.995311 NAN NAN NAN

L45.Temp -57.773611 470.810265 -0.123 0.902

L45.Precip. horaria 0.011124 0.010577 1.052 0.293

L45.Temp. prom aire -0.004653 0.004768 -0.976 0.329

L46.Conduct 8.531704 17.400772 0.490 0.624

L46.Water 299.659490 NAN NAN NAN

L46.Temp 3.736313 315.626092 0.012 0.991

L46.Precip. horaria 0.008139 0.010764 0.756 0.450

L46.Temp. prom aire 0.006520 0.004711 1.384 0.166

L47.Conduct -5.306175 12.793936 -0.415 0.678

L47.Water -262.374791 NAN NAN NAN

L47.Temp 6.165512 141.547785 0.044 0.965

L47.Precip. horaria 0.007926 0.010709 0.740 0.459

L47.Temp. prom aire -0.001109 0.004567 -0.243 0.808

L48.Conduct 1.145935 4.004543 0.286 0.775

L48.Water 73.261215 NAN NAN NAN

L48.Temp -1.967888 28.537009 -0.069 0.945

L48.Precip. horaria -0.002329 0.009379 -0.248 0.804

L48.Temp. prom aire -0.001410 0.002648 -0.533 0.594

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.209364 0.076102 2.751 0.006

L1.Conduct 100.483471 NAN NAN NAN

L1.Water -324.705134 NAN NAN NAN

L1.Temp -214.015619 42.441363 -5.043 0.000

L1.Precip. horaria 0.033239 0.032968 1.008 0.313

L1.Temp. prom aire 1.430302 0.009328 153.340 0.000

L2.Conduct -577.839593 NAN NAN NAN

L2.Water 1701.724270 NAN NAN NAN

L2.Temp 700.293732 149.185621 4.694 0.000

L2.Precip. horaria 0.016054 0.037535 0.428 0.669

L2.Temp. prom aire -0.576630 0.016061 -35.902 0.000

L3.Conduct 1379.747502 NAN NAN NAN

L3.Water -3514.061529 NAN NAN NAN

L3.Temp -694.087009 NAN NAN NAN

L3.Precip. horaria -0.007798 0.037493 -0.208 0.835

L3.Temp. prom aire 0.074573 0.016382 4.552 0.000

L4.Conduct -1708.128255 NAN NAN NAN

L4.Water 3493.506153 NAN NAN NAN

L4.Temp 75.969855 NAN NAN NAN

L4.Precip. horaria -0.011580 0.037789 -0.306 0.759

L4.Temp. prom aire -0.020944 0.016546 -1.266 0.206

L5.Conduct 1039.039508 NAN NAN NAN

L5.Water -1509.877248 NAN NAN NAN

L5.Temp 149.847441 NAN NAN NAN

L5.Precip. horaria -0.001508 0.038129 -0.040 0.968

L5.Temp. prom aire -0.018553 0.017174 -1.080 0.280

L6.Conduct -22.129198 NAN NAN NAN

L6.Water -149.311269 1599.102786 -0.093 0.926

L6.Temp -15.470362 NAN NAN NAN

L6.Precip. horaria 0.025607 0.037649 0.680 0.496

L6.Temp. prom aire 0.018761 0.017162 1.093 0.274

L7.Conduct -511.068604 NAN NAN NAN

L7.Water 922.749476 NAN NAN NAN

L7.Temp 96.743050 NAN NAN NAN

L7.Precip. horaria 0.015783 0.037018 0.426 0.670

L7.Temp. prom aire -0.033878 0.017121 -1.979 0.048

L8.Conduct 285.958235 NAN NAN NAN

L8.Water -1209.475813 NAN NAN NAN

L8.Temp -304.197988 NAN NAN NAN

L8.Precip. horaria 0.030110 0.037244 0.808 0.419

L8.Temp. prom aire 0.012997 0.017121 0.759 0.448

L9.Conduct 754.497639 NAN NAN NAN

L9.Water 219.009502 NAN NAN NAN

L9.Temp 594.314359 NAN NAN NAN

L9.Precip. horaria -0.028289 0.038263 -0.739 0.460

L9.Temp. prom aire 0.006317 0.016897 0.374 0.709

L10.Conduct -2023.917113 NAN NAN NAN

L10.Water 1535.633161 454.442109 3.379 0.001

L10.Temp -680.330571 NAN NAN NAN

L10.Precip. horaria -0.053041 0.037095 -1.430 0.153

L10.Temp. prom aire -0.001945 0.016795 -0.116 0.908

L11.Conduct 2355.463572 454.718630 5.180 0.000

L11.Water -2149.531427 NAN NAN NAN

L11.Temp 347.444733 NAN NAN NAN

L11.Precip. horaria 0.001430 0.035173 0.041 0.968

L11.Temp. prom aire -0.018066 0.017006 -1.062 0.288

L12.Conduct -1433.328210 75.940983 -18.874 0.000

L12.Water 1448.859703 1386.369816 1.045 0.296

L12.Temp -22.772649 NAN NAN NAN

L12.Precip. horaria 0.025654 0.037114 0.691 0.489

L12.Temp. prom aire 0.020408 0.017170 1.189 0.235

L13.Conduct 70.298746 NAN NAN NAN

L13.Water -159.948000 NAN NAN NAN

L13.Temp 140.238227 462.333384 0.303 0.762

L13.Precip. horaria -0.005238 0.038448 -0.136 0.892

L13.Temp. prom aire -0.019804 0.017042 -1.162 0.245

L14.Conduct 893.248882 NAN NAN NAN

L14.Water -1804.077211 NAN NAN NAN

L14.Temp -719.881552 NAN NAN NAN

L14.Precip. horaria -0.009315 0.036564 -0.255 0.799

L14.Temp. prom aire 0.025515 0.016900 1.510 0.131

L15.Conduct -902.015095 NAN NAN NAN

L15.Water 3093.770589 NAN NAN NAN

L15.Temp 1062.391234 NAN NAN NAN

L15.Precip. horaria 0.026045 0.035055 0.743 0.458

L15.Temp. prom aire -0.014912 0.016968 -0.879 0.380

L16.Conduct -298.790738 1423.472608 -0.210 0.834

L16.Water -1526.458810 2176.014527 -0.701 0.483

L16.Temp -856.023530 175.754339 -4.871 0.000

L16.Precip. horaria -0.016232 0.037834 -0.429 0.668

L16.Temp. prom aire -0.001634 0.017125 -0.095 0.924

L17.Conduct 1761.222557 NAN NAN NAN

L17.Water -1411.721396 NAN NAN NAN

L17.Temp 498.864169 NAN NAN NAN

L17.Precip. horaria 0.015445 0.037596 0.411 0.681

L17.Temp. prom aire 0.021333 0.017182 1.242 0.214

L18.Conduct -2129.370274 NAN NAN NAN

L18.Water 2621.996164 NAN NAN NAN

L18.Temp -187.158019 NAN NAN NAN

L18.Precip. horaria 0.004232 0.035295 0.120 0.905

L18.Temp. prom aire -0.022647 0.017137 -1.322 0.186

L19.Conduct 1617.504170 NAN NAN NAN

L19.Water -2120.821244 1808.755444 -1.173 0.241

L19.Temp 193.578838 NAN NAN NAN

L19.Precip. horaria -0.028197 0.036164 -0.780 0.436

L19.Temp. prom aire 0.022441 0.017126 1.310 0.190

L20.Conduct -957.105183 1359.069504 -0.704 0.481

L20.Water 1153.153152 NAN NAN NAN

L20.Temp -321.466173 NAN NAN NAN

L20.Precip. horaria -0.013247 0.038368 -0.345 0.730

L20.Temp. prom aire -0.020398 0.017159 -1.189 0.235

L21.Conduct 32.437537 NAN NAN NAN

L21.Water -185.335203 NAN NAN NAN

L21.Temp 123.955766 NAN NAN NAN

L21.Precip. horaria 0.014442 0.036679 0.394 0.694

L21.Temp. prom aire 0.013692 0.017163 0.798 0.425

L22.Conduct 960.569381 NAN NAN NAN

L22.Water -444.612258 NAN NAN NAN

L22.Temp 360.805027 NAN NAN NAN

L22.Precip. horaria 0.004594 0.033866 0.136 0.892

L22.Temp. prom aire 0.031375 0.017085 1.836 0.066

L23.Conduct -1257.719010 NAN NAN NAN

L23.Water 922.066289 NAN NAN NAN

L23.Temp -1110.178608 NAN NAN NAN

L23.Precip. horaria 0.032749 0.036470 0.898 0.369

L23.Temp. prom aire 0.053244 0.016876 3.155 0.002

L24.Conduct 766.976848 NAN NAN NAN

L24.Water -1417.189716 2807.764586 -0.505 0.614

L24.Temp 1649.872264 NAN NAN NAN

L24.Precip. horaria -0.014134 0.038325 -0.369 0.712

L24.Temp. prom aire 0.116525 0.016722 6.969 0.000

L25.Conduct -217.142583 198.403681 -1.094 0.274

L25.Water 1140.402204 NAN NAN NAN

L25.Temp -1484.488841 NAN NAN NAN

L25.Precip. horaria 0.019778 0.037727 0.524 0.600

L25.Temp. prom aire -0.173034 0.016742 -10.335 0.000

L26.Conduct 60.259233 59.403795 1.014 0.310

L26.Water 724.634169 NAN NAN NAN

L26.Temp 1032.798584 NAN NAN NAN

L26.Precip. horaria 0.003132 0.038181 0.082 0.935

L26.Temp. prom aire 0.003138 0.016974 0.185 0.853

L27.Conduct -87.839293 NAN NAN NAN

L27.Water -3044.990835 NAN NAN NAN

L27.Temp -497.001915 NAN NAN NAN

L27.Precip. horaria -0.022708 0.038148 -0.595 0.552

L27.Temp. prom aire 0.012603 0.017160 0.734 0.463

L28.Conduct 89.206978 NAN NAN NAN

L28.Water 3456.592917 NAN NAN NAN

L28.Temp 72.550700 NAN NAN NAN

L28.Precip. horaria 0.006293 0.038138 0.165 0.869

L28.Temp. prom aire -0.019085 0.017196 -1.110 0.267

L29.Conduct -75.365429 47.382974 -1.591 0.112

L29.Water -2130.472874 NAN NAN NAN

L29.Temp -509.329899 1977.624640 -0.258 0.797

L29.Precip. horaria -0.032593 0.038263 -0.852 0.394

L29.Temp. prom aire 0.024148 0.017113 1.411 0.158

L30.Conduct 52.594689 64.606863 0.814 0.416

L30.Water 1110.178371 NAN NAN NAN

L30.Temp 1455.306927 1863.391108 0.781 0.435

L30.Precip. horaria -0.011516 0.038172 -0.302 0.763

L30.Temp. prom aire 0.009570 0.017056 0.561 0.575

L31.Conduct -7.223187 27.682575 -0.261 0.794

L31.Water -650.587509 NAN NAN NAN

L31.Temp -1805.760110 NAN NAN NAN

L31.Precip. horaria -0.022031 0.038056 -0.579 0.563

L31.Temp. prom aire -0.012643 0.017114 -0.739 0.460

L32.Conduct -36.119349 28.889554 -1.250 0.211

L32.Water 384.472748 NAN NAN NAN

L32.Temp 1198.873258 NAN NAN NAN

L32.Precip. horaria 0.043572 0.038091 1.144 0.253

L32.Temp. prom aire -0.004594 0.017163 -0.268 0.789

L33.Conduct 40.687606 63.247388 0.643 0.520

L33.Water -937.661151 NAN NAN NAN

L33.Temp -82.844975 NAN NAN NAN

L33.Precip. horaria -0.001038 0.038231 -0.027 0.978

L33.Temp. prom aire 0.020883 0.017155 1.217 0.223

L34.Conduct -13.170140 49.856120 -0.264 0.792

L34.Water 2020.139505 NAN NAN NAN

L34.Temp -484.289540 NAN NAN NAN

L34.Precip. horaria -0.030430 0.038241 -0.796 0.426

L34.Temp. prom aire -0.020365 0.017156 -1.187 0.235

L35.Conduct -13.478274 4.298188 -3.136 0.002

L35.Water -2295.802898 NAN NAN NAN

L35.Temp 351.225413 NAN NAN NAN

L35.Precip. horaria 0.013814 0.038277 0.361 0.718

L35.Temp. prom aire 0.029697 0.017147 1.732 0.083

L36.Conduct 35.459334 46.003996 0.771 0.441

L36.Water 1507.203384 3479.054269 0.433 0.665

L36.Temp -607.042057 NAN NAN NAN

L36.Precip. horaria -0.019245 0.038242 -0.503 0.615

L36.Temp. prom aire -0.038052 0.017070 -2.229 0.026

L37.Conduct -51.546515 64.196586 -0.803 0.422

L37.Water -80.842433 NAN NAN NAN

L37.Temp 1407.851867 NAN NAN NAN

L37.Precip. horaria -0.033794 0.038134 -0.886 0.376

L37.Temp. prom aire 0.024412 0.017079 1.429 0.153

L38.Conduct 23.021809 50.384993 0.457 0.648

L38.Water -2082.509734 NAN NAN NAN

L38.Temp -1736.570147 NAN NAN NAN

L38.Precip. horaria 0.002037 0.038163 0.053 0.957

L38.Temp. prom aire -0.000887 0.017162 -0.052 0.959

L39.Conduct 47.573879 38.775128 1.227 0.220

L39.Water 3860.202619 NAN NAN NAN

L39.Temp 1297.106513 NAN NAN NAN

L39.Precip. horaria 0.021321 0.038248 0.557 0.577

L39.Temp. prom aire -0.020530 0.017176 -1.195 0.232

L40.Conduct -86.841176 60.274098 -1.441 0.150

L40.Water -3123.745744 NAN NAN NAN

L40.Temp -974.168251 NAN NAN NAN

L40.Precip. horaria -0.045387 0.037913 -1.197 0.231

L40.Temp. prom aire -0.012121 0.017113 -0.708 0.479

L41.Conduct 28.572516 60.235447 0.474 0.635

L41.Water 522.661156 NAN NAN NAN

L41.Temp 1183.146755 NAN NAN NAN

L41.Precip. horaria 0.022773 0.037464 0.608 0.543

L41.Temp. prom aire 0.004351 0.016872 0.258 0.796

L42.Conduct 60.612096 57.109920 1.061 0.289

L42.Water 1315.072276 NAN NAN NAN

L42.Temp -1183.793943 NAN NAN NAN

L42.Precip. horaria -0.027596 0.037871 -0.729 0.466

L42.Temp. prom aire 0.018539 0.016857 1.100 0.271

L43.Conduct -29.268069 62.509793 -0.468 0.640

L43.Water -1536.246160 NAN NAN NAN

L43.Temp 310.505326 NAN NAN NAN

L43.Precip. horaria 0.029993 0.038214 0.785 0.433

L43.Temp. prom aire -0.016162 0.017187 -0.940 0.347

L44.Conduct -71.899951 62.369119 -1.153 0.249

L44.Water 634.657458 NAN NAN NAN

L44.Temp 1241.255187 1891.275135 0.656 0.512

L44.Precip. horaria -0.011755 0.037325 -0.315 0.753

L44.Temp. prom aire 0.027638 0.017198 1.607 0.108

L45.Conduct 78.494325 61.047809 1.286 0.199

L45.Water 575.848445 NAN NAN NAN

L45.Temp -2529.861652 1659.342940 -1.525 0.127

L45.Precip. horaria -0.032552 0.037279 -0.873 0.383

L45.Temp. prom aire -0.017314 0.016804 -1.030 0.303

L46.Conduct -6.615757 61.327993 -0.108 0.914

L46.Water -972.236405 NAN NAN NAN

L46.Temp 2509.365533 1112.405499 2.256 0.024

L46.Precip. horaria 0.035715 0.037938 0.941 0.347

L46.Temp. prom aire 0.000075 0.016604 0.005 0.996

L47.Conduct -28.752259 45.091471 -0.638 0.524

L47.Water 513.618750 NAN NAN NAN

L47.Temp -1325.603160 498.876798 -2.657 0.008

L47.Precip. horaria 0.006475 0.037744 0.172 0.864

L47.Temp. prom aire 0.109764 0.016097 6.819 0.000

L48.Conduct 12.742892 14.113776 0.903 0.367

L48.Water -95.931422 NAN NAN NAN

L48.Temp 292.046656 100.577001 2.904 0.004

L48.Precip. horaria -0.004235 0.033055 -0.128 0.898

L48.Temp. prom aire -0.083724 0.009333 -8.970 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.947960 -0.747950 0.003711 0.012811

Water 0.947960 1.000000 -0.786538 0.004432 0.013841

Temp -0.747950 -0.786538 1.000000 -0.004090 -0.024739

Precip. horaria 0.003711 0.004432 -0.004090 1.000000 -0.024656

Temp. prom aire 0.012811 0.013841 -0.024739 -0.024656 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -59.8068

Nobs: 11641.0 HQIC: -60.3129

Log likelihood: 271157. FPE: 4.95756e-27

AIC: -60.5689 Det(Omega\_mle): 4.47478e-27

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000019 0.000006 3.075 0.002

L1.Conduct 4.793960 0.006379 751.551 0.000

L1.Water 0.320382 NAN NAN NAN

L1.Temp -0.276465 0.002079 -132.949 0.000

L1.Precip. horaria 0.000009 0.000002 3.577 0.000

L1.Temp. prom aire -0.000000 0.000001 -0.608 0.543

L2.Conduct -9.796009 NAN NAN NAN

L2.Water -1.477192 NAN NAN NAN

L2.Temp 1.134283 NAN NAN NAN

L2.Precip. horaria -0.000006 0.000003 -2.020 0.043

L2.Temp. prom aire -0.000002 0.000001 -1.941 0.052

L3.Conduct 11.467908 NAN NAN NAN

L3.Water 2.820272 NAN NAN NAN

L3.Temp -1.836350 NAN NAN NAN

L3.Precip. horaria 0.000005 0.000003 1.620 0.105

L3.Temp. prom aire 0.000002 0.000001 1.838 0.066

L4.Conduct -9.050171 NAN NAN NAN

L4.Water -3.078092 NAN NAN NAN

L4.Temp 1.567156 NAN NAN NAN

L4.Precip. horaria 0.000001 0.000003 0.442 0.658

L4.Temp. prom aire -0.000000 0.000001 -0.326 0.745

L5.Conduct 5.619133 NAN NAN NAN

L5.Water 2.632319 NAN NAN NAN

L5.Temp -0.941475 NAN NAN NAN

L5.Precip. horaria -0.000002 0.000003 -0.647 0.517

L5.Temp. prom aire 0.000001 0.000001 0.428 0.668

L6.Conduct -3.101640 NAN NAN NAN

L6.Water -2.390807 NAN NAN NAN

L6.Temp 0.577569 NAN NAN NAN

L6.Precip. horaria 0.000001 0.000003 0.285 0.775

L6.Temp. prom aire 0.000002 0.000001 1.803 0.071

L7.Conduct 1.563220 NAN NAN NAN

L7.Water 1.884605 NAN NAN NAN

L7.Temp -0.316541 NAN NAN NAN

L7.Precip. horaria 0.000001 0.000003 0.378 0.705

L7.Temp. prom aire -0.000003 0.000001 -2.567 0.010

L8.Conduct -0.634152 NAN NAN NAN

L8.Water -0.691070 0.084390 -8.189 0.000

L8.Temp 0.121559 NAN NAN NAN

L8.Precip. horaria -0.000001 0.000003 -0.207 0.836

L8.Temp. prom aire 0.000002 0.000001 1.702 0.089

L9.Conduct 0.112157 0.042378 2.647 0.008

L9.Water -0.498650 0.087455 -5.702 0.000

L9.Temp -0.007413 0.010066 -0.736 0.461

L9.Precip. horaria -0.000001 0.000003 -0.250 0.802

L9.Temp. prom aire -0.000001 0.000001 -0.497 0.619

L10.Conduct 0.077282 NAN NAN NAN

L10.Water 0.886868 NAN NAN NAN

L10.Temp -0.048056 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000003 -0.169 0.866

L10.Temp. prom aire -0.000001 0.000001 -0.514 0.607

L11.Conduct -0.108111 NAN NAN NAN

L11.Water -0.516951 NAN NAN NAN

L11.Temp 0.036281 NAN NAN NAN

L11.Precip. horaria -0.000002 0.000003 -0.666 0.505

L11.Temp. prom aire 0.000002 0.000001 1.498 0.134

L12.Conduct 0.125247 NAN NAN NAN

L12.Water 0.104998 0.074606 1.407 0.159

L12.Temp -0.026126 0.001267 -20.617 0.000

L12.Precip. horaria -0.000000 0.000003 -0.136 0.892

L12.Temp. prom aire -0.000003 0.000001 -2.263 0.024

L13.Conduct -0.134176 0.063484 -2.114 0.035

L13.Water 0.018195 0.101491 0.179 0.858

L13.Temp 0.025827 0.013306 1.941 0.052

L13.Precip. horaria -0.000001 0.000003 -0.394 0.694

L13.Temp. prom aire 0.000003 0.000001 2.144 0.032

L14.Conduct 0.077446 0.077296 1.002 0.316

L14.Water -0.084168 NAN NAN NAN

L14.Temp -0.012036 0.016598 -0.725 0.468

L14.Precip. horaria 0.000002 0.000003 0.590 0.555

L14.Temp. prom aire -0.000001 0.000001 -1.118 0.263

L15.Conduct 0.023469 0.056765 0.413 0.679

L15.Water 0.000812 NAN NAN NAN

L15.Temp -0.003272 0.010280 -0.318 0.750

L15.Precip. horaria 0.000002 0.000003 0.563 0.573

L15.Temp. prom aire -0.000001 0.000001 -0.657 0.511

L16.Conduct -0.025093 NAN NAN NAN

L16.Water 0.574119 0.100461 5.715 0.000

L16.Temp -0.011707 NAN NAN NAN

L16.Precip. horaria -0.000000 0.000003 -0.042 0.966

L16.Temp. prom aire 0.000001 0.000001 0.900 0.368

L17.Conduct -0.120443 NAN NAN NAN

L17.Water -1.482684 0.141257 -10.496 0.000

L17.Temp 0.071339 NAN NAN NAN

L17.Precip. horaria -0.000002 0.000003 -0.678 0.498

L17.Temp. prom aire -0.000000 0.000001 -0.016 0.987

L18.Conduct 0.237289 NAN NAN NAN

L18.Water 2.266944 0.059285 38.238 0.000

L18.Temp -0.116750 0.013415 -8.703 0.000

L18.Precip. horaria 0.000002 0.000003 0.835 0.404

L18.Temp. prom aire -0.000001 0.000001 -0.724 0.469

L19.Conduct -0.070826 0.134477 -0.527 0.598

L19.Water -2.845860 NAN NAN NAN

L19.Temp 0.108179 0.027197 3.978 0.000

L19.Precip. horaria -0.000001 0.000003 -0.323 0.747

L19.Temp. prom aire 0.000002 0.000001 1.450 0.147

L20.Conduct -0.369608 0.149748 -2.468 0.014

L20.Water 3.356037 0.058532 57.337 0.000

L20.Temp -0.062400 0.027434 -2.275 0.023

L20.Precip. horaria -0.000002 0.000003 -0.703 0.482

L20.Temp. prom aire -0.000001 0.000001 -0.729 0.466

L21.Conduct 0.794820 0.142842 5.564 0.000

L21.Water -3.722818 0.088864 -41.894 0.000

L21.Temp 0.010505 0.024262 0.433 0.665

L21.Precip. horaria -0.000002 0.000003 -0.682 0.495

L21.Temp. prom aire 0.000001 0.000001 0.783 0.434

L22.Conduct -1.275221 0.134114 -9.509 0.000

L22.Water 3.874419 NAN NAN NAN

L22.Temp 0.062374 0.019538 3.192 0.001

L22.Precip. horaria 0.000002 0.000003 0.645 0.519

L22.Temp. prom aire -0.000001 0.000001 -1.057 0.291

L23.Conduct 1.708525 0.113374 15.070 0.000

L23.Water -3.762916 NAN NAN NAN

L23.Temp -0.228063 0.029797 -7.654 0.000

L23.Precip. horaria 0.000002 0.000003 0.828 0.408

L23.Temp. prom aire 0.000001 0.000001 1.081 0.280

L24.Conduct -1.321004 0.068411 -19.310 0.000

L24.Water 3.223484 0.085401 37.745 0.000

L24.Temp 0.254636 0.039543 6.439 0.000

L24.Precip. horaria -0.000004 0.000003 -1.382 0.167

L24.Temp. prom aire -0.000002 0.000001 -1.188 0.235

L25.Conduct 0.399981 0.020876 19.160 0.000

L25.Water -1.945265 0.105629 -18.416 0.000

L25.Temp 0.043420 NAN NAN NAN

L25.Precip. horaria -0.000002 0.000003 -0.609 0.543

L25.Temp. prom aire 0.000001 0.000001 0.725 0.468

L26.Conduct 0.009474 0.006099 1.553 0.120

L26.Water -0.557091 NAN NAN NAN

L26.Temp -0.056329 NAN NAN NAN

L26.Precip. horaria -0.000000 0.000003 -0.012 0.991

L26.Temp. prom aire 0.000001 0.000001 0.602 0.547

L27.Conduct -0.001887 0.006039 -0.312 0.755

L27.Water 3.841146 NAN NAN NAN

L27.Temp -0.482427 0.141494 -3.410 0.001

L27.Precip. horaria 0.000002 0.000003 0.741 0.459

L27.Temp. prom aire -0.000001 0.000001 -0.656 0.512

L28.Conduct 0.001920 0.006079 0.316 0.752

L28.Water -6.292366 NAN NAN NAN

L28.Temp 0.872523 0.120469 7.243 0.000

L28.Precip. horaria -0.000002 0.000003 -0.751 0.453

L28.Temp. prom aire -0.000000 0.000001 -0.362 0.717

L29.Conduct -0.002549 0.006113 -0.417 0.677

L29.Water 7.045167 NAN NAN NAN

L29.Temp -0.899573 NAN NAN NAN

L29.Precip. horaria 0.000003 0.000003 1.055 0.291

L29.Temp. prom aire -0.000000 0.000001 -0.104 0.917

L30.Conduct 0.006690 0.006113 1.094 0.274

L30.Water -6.316506 NAN NAN NAN

L30.Temp 0.897340 0.116844 7.680 0.000

L30.Precip. horaria 0.000001 0.000003 0.438 0.661

L30.Temp. prom aire -0.000002 0.000001 -1.452 0.147

L31.Conduct -0.002935 0.006120 -0.480 0.632

L31.Water 4.464079 NAN NAN NAN

L31.Temp -0.788362 0.202358 -3.896 0.000

L31.Precip. horaria -0.000003 0.000003 -1.077 0.282

L31.Temp. prom aire 0.000002 0.000001 1.414 0.157

L32.Conduct -0.005303 0.006116 -0.867 0.386

L32.Water -2.230773 0.101751 -21.924 0.000

L32.Temp 0.299041 0.166525 1.796 0.073

L32.Precip. horaria 0.000001 0.000003 0.452 0.651

L32.Temp. prom aire -0.000001 0.000001 -0.513 0.608

L33.Conduct -0.004544 0.006114 -0.743 0.457

L33.Water 0.522890 NAN NAN NAN

L33.Temp 0.431893 NAN NAN NAN

L33.Precip. horaria 0.000001 0.000003 0.327 0.744

L33.Temp. prom aire -0.000000 0.000001 -0.180 0.857

L34.Conduct 0.008055 0.006114 1.317 0.188

L34.Water 0.292025 NAN NAN NAN

L34.Temp -0.913790 NAN NAN NAN

L34.Precip. horaria -0.000002 0.000003 -0.527 0.598

L34.Temp. prom aire 0.000002 0.000001 1.160 0.246

L35.Conduct -0.002645 0.006106 -0.433 0.665

L35.Water -0.341020 NAN NAN NAN

L35.Temp 1.026616 0.228327 4.496 0.000

L35.Precip. horaria 0.000003 0.000003 1.018 0.309

L35.Temp. prom aire -0.000002 0.000001 -1.328 0.184

L36.Conduct -0.004087 0.006098 -0.670 0.503

L36.Water 0.099590 NAN NAN NAN

L36.Temp -1.198834 0.226740 -5.287 0.000

L36.Precip. horaria -0.000001 0.000003 -0.286 0.775

L36.Temp. prom aire 0.000001 0.000001 0.984 0.325

L37.Conduct 0.004385 0.006070 0.722 0.470

L37.Water -0.054930 NAN NAN NAN

L37.Temp 1.701483 0.053176 31.997 0.000

L37.Precip. horaria 0.000001 0.000003 0.385 0.700

L37.Temp. prom aire -0.000001 0.000001 -0.808 0.419

L38.Conduct -0.003178 0.006095 -0.521 0.602

L38.Water 0.288602 NAN NAN NAN

L38.Temp -2.108629 NAN NAN NAN

L38.Precip. horaria -0.000002 0.000003 -0.813 0.416

L38.Temp. prom aire 0.000000 0.000001 0.247 0.805

L39.Conduct 0.007441 0.006075 1.225 0.221

L39.Water -0.732553 NAN NAN NAN

L39.Temp 1.809065 0.139394 12.978 0.000

L39.Precip. horaria 0.000001 0.000003 0.252 0.801

L39.Temp. prom aire 0.000001 0.000001 0.807 0.420

L40.Conduct -0.008384 0.006076 -1.380 0.168

L40.Water 1.463528 0.037403 39.129 0.000

L40.Temp -1.042825 0.163173 -6.391 0.000

L40.Precip. horaria -0.000001 0.000003 -0.262 0.793

L40.Temp. prom aire -0.000001 0.000001 -0.476 0.634

L41.Conduct 0.006127 0.006089 1.006 0.314

L41.Water -2.382737 0.022518 -105.816 0.000

L41.Temp 0.458071 0.074318 6.164 0.000

L41.Precip. horaria 0.000003 0.000003 1.089 0.276

L41.Temp. prom aire -0.000001 0.000001 -0.392 0.695

L42.Conduct -0.005374 0.006097 -0.881 0.378

L42.Water 3.054380 NAN NAN NAN

L42.Temp -0.011527 NAN NAN NAN

L42.Precip. horaria -0.000000 0.000003 -0.161 0.872

L42.Temp. prom aire 0.000000 0.000001 0.353 0.724

L43.Conduct 0.002740 0.006086 0.450 0.653

L43.Water -3.151156 NAN NAN NAN

L43.Temp -0.510597 NAN NAN NAN

L43.Precip. horaria -0.000000 0.000003 -0.138 0.890

L43.Temp. prom aire -0.000001 0.000001 -0.476 0.634

L44.Conduct 0.001193 0.006077 0.196 0.844

L44.Water 2.657026 0.036178 73.442 0.000

L44.Temp 0.859914 0.027397 31.387 0.000

L44.Precip. horaria -0.000003 0.000003 -1.180 0.238

L44.Temp. prom aire -0.000001 0.000001 -0.649 0.516

L45.Conduct -0.001221 0.006084 -0.201 0.841

L45.Water -1.734708 NAN NAN NAN

L45.Temp -0.847181 NAN NAN NAN

L45.Precip. horaria -0.000001 0.000003 -0.248 0.804

L45.Temp. prom aire 0.000001 0.000001 0.528 0.597

L46.Conduct 0.006047 0.006058 0.998 0.318

L46.Water 0.784237 NAN NAN NAN

L46.Temp 0.580953 NAN NAN NAN

L46.Precip. horaria 0.000003 0.000003 1.074 0.283

L46.Temp. prom aire 0.000000 0.000001 0.346 0.729

L47.Conduct -0.010777 0.004716 -2.285 0.022

L47.Water -0.210922 NAN NAN NAN

L47.Temp -0.254392 NAN NAN NAN

L47.Precip. horaria 0.000000 0.000003 0.123 0.902

L47.Temp. prom aire -0.000000 0.000001 -0.386 0.700

L48.Conduct 0.004827 0.001560 3.095 0.002

L48.Water 0.025110 NAN NAN NAN

L48.Temp 0.051091 0.007778 6.569 0.000

L48.Precip. horaria -0.000004 0.000002 -1.648 0.099

L48.Temp. prom aire 0.000001 0.000001 1.569 0.117

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000004 0.000002 1.658 0.097

L1.Conduct 0.070859 0.002206 32.120 0.000

L1.Water 5.526235 NAN NAN NAN

L1.Temp -0.098092 0.000719 -136.393 0.000

L1.Precip. horaria 0.000001 0.000001 1.233 0.218

L1.Temp. prom aire 0.000000 0.000000 0.021 0.983

L2.Conduct -0.363257 NAN NAN NAN

L2.Water -13.533651 NAN NAN NAN

L2.Temp 0.442970 NAN NAN NAN

L2.Precip. horaria -0.000002 0.000001 -2.001 0.045

L2.Temp. prom aire -0.000001 0.000000 -1.588 0.112

L3.Conduct 0.823946 NAN NAN NAN

L3.Water 19.935008 NAN NAN NAN

L3.Temp -0.848558 NAN NAN NAN

L3.Precip. horaria 0.000003 0.000001 2.859 0.004

L3.Temp. prom aire 0.000001 0.000000 1.302 0.193

L4.Conduct -1.128624 NAN NAN NAN

L4.Water -20.837288 NAN NAN NAN

L4.Temp 0.966865 NAN NAN NAN

L4.Precip. horaria -0.000000 0.000001 -0.105 0.916

L4.Temp. prom aire 0.000000 0.000000 0.297 0.766

L5.Conduct 1.113169 NAN NAN NAN

L5.Water 17.765541 NAN NAN NAN

L5.Temp -0.842269 NAN NAN NAN

L5.Precip. horaria -0.000001 0.000001 -1.501 0.133

L5.Temp. prom aire 0.000000 0.000000 0.060 0.952

L6.Conduct -0.909893 NAN NAN NAN

L6.Water -13.575213 NAN NAN NAN

L6.Temp 0.665968 NAN NAN NAN

L6.Precip. horaria 0.000000 0.000001 0.188 0.851

L6.Temp. prom aire 0.000000 0.000000 1.108 0.268

L7.Conduct 0.655976 NAN NAN NAN

L7.Water 9.335355 NAN NAN NAN

L7.Temp -0.467917 NAN NAN NAN

L7.Precip. horaria 0.000000 0.000001 0.361 0.718

L7.Temp. prom aire -0.000001 0.000000 -2.417 0.016

L8.Conduct -0.402130 NAN NAN NAN

L8.Water -5.274625 0.029186 -180.723 0.000

L8.Temp 0.273112 NAN NAN NAN

L8.Precip. horaria -0.000003 0.000001 -2.738 0.006

L8.Temp. prom aire 0.000001 0.000000 1.990 0.047

L9.Conduct 0.196568 0.014657 13.412 0.000

L9.Water 1.829487 0.030246 60.486 0.000

L9.Temp -0.111249 0.003481 -31.955 0.000

L9.Precip. horaria 0.000002 0.000001 2.347 0.019

L9.Temp. prom aire -0.000001 0.000000 -1.429 0.153

L10.Conduct -0.085293 NAN NAN NAN

L10.Water 0.422203 NAN NAN NAN

L10.Temp 0.003578 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000001 -0.012 0.990

L10.Temp. prom aire 0.000000 0.000000 0.720 0.472

L11.Conduct 0.057852 NAN NAN NAN

L11.Water -1.409081 NAN NAN NAN

L11.Temp 0.039321 NAN NAN NAN

L11.Precip. horaria -0.000002 0.000001 -1.845 0.065

L11.Temp. prom aire 0.000000 0.000000 0.644 0.520

L12.Conduct -0.046754 NAN NAN NAN

L12.Water 1.617380 0.025803 62.683 0.000

L12.Temp -0.052292 0.000438 -119.312 0.000

L12.Precip. horaria 0.000001 0.000001 1.323 0.186

L12.Temp. prom aire -0.000001 0.000000 -1.364 0.173

L13.Conduct 0.027965 0.021956 1.274 0.203

L13.Water -1.493158 0.035101 -42.539 0.000

L13.Temp 0.053111 0.004602 11.541 0.000

L13.Precip. horaria -0.000002 0.000001 -1.649 0.099

L13.Temp. prom aire 0.000001 0.000000 1.584 0.113

L14.Conduct -0.034975 0.026733 -1.308 0.191

L14.Water 1.262058 NAN NAN NAN

L14.Temp -0.042871 0.005741 -7.468 0.000

L14.Precip. horaria 0.000002 0.000001 1.664 0.096

L14.Temp. prom aire -0.000000 0.000000 -0.954 0.340

L15.Conduct 0.044371 0.019632 2.260 0.024

L15.Water -1.069500 NAN NAN NAN

L15.Temp 0.034540 0.003555 9.715 0.000

L15.Precip. horaria 0.000002 0.000001 1.656 0.098

L15.Temp. prom aire -0.000000 0.000000 -0.029 0.977

L16.Conduct 0.002971 NAN NAN NAN

L16.Water 0.969714 0.034744 27.910 0.000

L16.Temp -0.037089 NAN NAN NAN

L16.Precip. horaria 0.000000 0.000001 0.343 0.731

L16.Temp. prom aire 0.000000 0.000000 0.032 0.975

L17.Conduct -0.082241 NAN NAN NAN

L17.Water -0.878504 0.048854 -17.982 0.000

L17.Temp 0.046542 NAN NAN NAN

L17.Precip. horaria -0.000001 0.000001 -1.158 0.247

L17.Temp. prom aire 0.000000 0.000000 0.295 0.768

L18.Conduct 0.109432 NAN NAN NAN

L18.Water 0.739152 0.020504 36.049 0.000

L18.Temp -0.046035 0.004640 -9.922 0.000

L18.Precip. horaria 0.000001 0.000001 0.947 0.343

L18.Temp. prom aire -0.000000 0.000000 -0.997 0.319

L19.Conduct -0.039061 0.046509 -0.840 0.401

L19.Water -0.623792 NAN NAN NAN

L19.Temp 0.029571 0.009406 3.144 0.002

L19.Precip. horaria 0.000002 0.000001 1.503 0.133

L19.Temp. prom aire 0.000000 0.000000 0.864 0.388

L20.Conduct -0.117236 0.051790 -2.264 0.024

L20.Water 0.554586 0.020243 27.396 0.000

L20.Temp -0.002241 0.009488 -0.236 0.813

L20.Precip. horaria -0.000002 0.000001 -1.527 0.127

L20.Temp. prom aire 0.000000 0.000000 0.121 0.904

L21.Conduct 0.266573 0.049402 5.396 0.000

L21.Water -0.395154 0.030734 -12.857 0.000

L21.Temp -0.025753 0.008391 -3.069 0.002

L21.Precip. horaria -0.000002 0.000001 -2.067 0.039

L21.Temp. prom aire -0.000000 0.000000 -0.075 0.940

L22.Conduct -0.265488 0.046383 -5.724 0.000

L22.Water -0.349611 NAN NAN NAN

L22.Temp 0.046603 0.006757 6.897 0.000

L22.Precip. horaria 0.000001 0.000001 1.234 0.217

L22.Temp. prom aire -0.000000 0.000000 -0.889 0.374

L23.Conduct 0.126169 0.039211 3.218 0.001

L23.Water 2.001296 NAN NAN NAN

L23.Temp -0.092065 0.010305 -8.934 0.000

L23.Precip. horaria 0.000004 0.000001 3.808 0.000

L23.Temp. prom aire 0.000001 0.000000 1.119 0.263

L24.Conduct -0.016416 0.023660 -0.694 0.488

L24.Water -3.961545 0.029536 -134.126 0.000

L24.Temp 0.167588 0.013676 12.254 0.000

L24.Precip. horaria -0.000006 0.000001 -5.611 0.000

L24.Temp. prom aire -0.000000 0.000000 -0.395 0.693

L25.Conduct -0.005195 0.007220 -0.720 0.472

L25.Water 6.154157 0.036532 168.460 0.000

L25.Temp -0.256903 NAN NAN NAN

L25.Precip. horaria 0.000002 0.000001 2.084 0.037

L25.Temp. prom aire -0.000000 0.000000 -0.642 0.521

L26.Conduct 0.001361 0.002109 0.645 0.519

L26.Water -9.167085 NAN NAN NAN

L26.Temp 0.406004 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000001 -1.938 0.053

L26.Temp. prom aire 0.000001 0.000000 1.314 0.189

L27.Conduct -0.001162 0.002089 -0.556 0.578

L27.Water 11.800836 NAN NAN NAN

L27.Temp -0.544028 0.048936 -11.117 0.000

L27.Precip. horaria 0.000001 0.000001 1.117 0.264

L27.Temp. prom aire -0.000000 0.000000 -0.687 0.492

L28.Conduct 0.000179 0.002102 0.085 0.932

L28.Water -12.129456 NAN NAN NAN

L28.Temp 0.552254 0.041664 13.255 0.000

L28.Precip. horaria -0.000000 0.000001 -0.007 0.994

L28.Temp. prom aire -0.000000 0.000000 -0.508 0.611

L29.Conduct 0.001325 0.002114 0.627 0.531

L29.Water 10.298076 NAN NAN NAN

L29.Temp -0.550524 NAN NAN NAN

L29.Precip. horaria 0.000002 0.000001 1.951 0.051

L29.Temp. prom aire 0.000000 0.000000 0.715 0.474

L30.Conduct -0.001303 0.002114 -0.616 0.538

L30.Water -7.713198 NAN NAN NAN

L30.Temp 0.608377 0.040411 15.055 0.000

L30.Precip. horaria -0.000000 0.000001 -0.447 0.655

L30.Temp. prom aire -0.000001 0.000000 -1.938 0.053

L31.Conduct -0.000230 0.002117 -0.108 0.914

L31.Water 5.290146 NAN NAN NAN

L31.Temp -0.543787 0.069986 -7.770 0.000

L31.Precip. horaria -0.000003 0.000001 -2.604 0.009

L31.Temp. prom aire 0.000001 0.000000 2.288 0.022

L32.Conduct 0.000885 0.002115 0.419 0.676

L32.Water -3.265837 0.035191 -92.804 0.000

L32.Temp 0.277989 0.057593 4.827 0.000

L32.Precip. horaria 0.000001 0.000001 1.480 0.139

L32.Temp. prom aire -0.000001 0.000000 -2.051 0.040

L33.Conduct -0.002010 0.002114 -0.951 0.342

L33.Water 1.591375 NAN NAN NAN

L33.Temp 0.043408 NAN NAN NAN

L33.Precip. horaria -0.000000 0.000001 -0.035 0.972

L33.Temp. prom aire 0.000001 0.000000 1.479 0.139

L34.Conduct 0.002697 0.002115 1.276 0.202

L34.Water -0.307009 NAN NAN NAN

L34.Temp -0.287258 NAN NAN NAN

L34.Precip. horaria -0.000000 0.000001 -0.326 0.744

L34.Temp. prom aire -0.000000 0.000000 -0.084 0.933

L35.Conduct -0.000581 0.002112 -0.275 0.783

L35.Water -0.481020 NAN NAN NAN

L35.Temp 0.430542 0.078967 5.452 0.000

L35.Precip. horaria 0.000001 0.000001 1.250 0.211

L35.Temp. prom aire -0.000000 0.000000 -0.008 0.994

L36.Conduct 0.000268 0.002109 0.127 0.899

L36.Water 0.836924 NAN NAN NAN

L36.Temp -0.465647 0.078418 -5.938 0.000

L36.Precip. horaria -0.000002 0.000001 -1.847 0.065

L36.Temp. prom aire -0.000000 0.000000 -0.722 0.470

L37.Conduct 0.000390 0.002099 0.186 0.853

L37.Water -0.963231 NAN NAN NAN

L37.Temp 0.438799 0.018391 23.859 0.000

L37.Precip. horaria -0.000001 0.000001 -0.509 0.611

L37.Temp. prom aire 0.000000 0.000000 0.356 0.721

L38.Conduct -0.005925 0.002108 -2.810 0.005

L38.Water 1.031457 NAN NAN NAN

L38.Temp -0.469798 NAN NAN NAN

L38.Precip. horaria 0.000000 0.000001 0.064 0.949

L38.Temp. prom aire -0.000000 0.000000 -0.711 0.477

L39.Conduct 0.010942 0.002101 5.208 0.000

L39.Water -1.158250 NAN NAN NAN

L39.Temp 0.535365 0.048210 11.105 0.000

L39.Precip. horaria 0.000000 0.000001 0.170 0.865

L39.Temp. prom aire 0.000001 0.000000 1.453 0.146

L40.Conduct -0.009834 0.002101 -4.680 0.000

L40.Water 1.436287 0.012936 111.031 0.000

L40.Temp -0.504743 0.056434 -8.944 0.000

L40.Precip. horaria -0.000001 0.000001 -1.130 0.258

L40.Temp. prom aire -0.000000 0.000000 -0.613 0.540

L41.Conduct 0.004407 0.002106 2.093 0.036

L41.Water -1.784581 0.007788 -229.152 0.000

L41.Temp 0.371839 0.025703 14.467 0.000

L41.Precip. horaria 0.000003 0.000001 2.732 0.006

L41.Temp. prom aire -0.000000 0.000000 -0.031 0.975

L42.Conduct -0.002313 0.002109 -1.097 0.273

L42.Water 1.936142 NAN NAN NAN

L42.Temp -0.197160 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000001 -0.784 0.433

L42.Temp. prom aire -0.000000 0.000000 -0.281 0.779

L43.Conduct 0.000676 0.002105 0.321 0.748

L43.Water -1.718810 NAN NAN NAN

L43.Temp 0.029078 NAN NAN NAN

L43.Precip. horaria 0.000000 0.000001 0.490 0.624

L43.Temp. prom aire 0.000000 0.000000 0.504 0.614

L44.Conduct 0.007100 0.002102 3.378 0.001

L44.Water 1.159484 0.012512 92.667 0.000

L44.Temp 0.064066 0.009475 6.761 0.000

L44.Precip. horaria -0.000003 0.000001 -3.220 0.001

L44.Temp. prom aire -0.000000 0.000000 -0.244 0.807

L45.Conduct -0.011826 0.002104 -5.621 0.000

L45.Water -0.486797 NAN NAN NAN

L45.Temp -0.068075 NAN NAN NAN

L45.Precip. horaria 0.000002 0.000001 2.139 0.032

L45.Temp. prom aire -0.000000 0.000000 -0.594 0.553

L46.Conduct 0.008935 0.002095 4.264 0.000

L46.Water 0.055786 NAN NAN NAN

L46.Temp 0.039846 NAN NAN NAN

L46.Precip. horaria 0.000001 0.000001 1.269 0.204

L46.Temp. prom aire 0.000001 0.000000 1.581 0.114

L47.Conduct -0.004604 0.001631 -2.823 0.005

L47.Water 0.039896 NAN NAN NAN

L47.Temp -0.016613 NAN NAN NAN

L47.Precip. horaria 0.000000 0.000001 0.032 0.975

L47.Temp. prom aire -0.000001 0.000000 -1.295 0.195

L48.Conduct 0.001335 0.000539 2.475 0.013

L48.Water -0.012187 NAN NAN NAN

L48.Temp 0.003631 0.002690 1.350 0.177

L48.Precip. horaria -0.000001 0.000001 -1.125 0.260

L48.Temp. prom aire 0.000000 0.000000 1.284 0.199

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000003 0.000026 0.116 0.908

L1.Conduct -0.317730 0.026576 -11.955 0.000

L1.Water 0.821920 NAN NAN NAN

L1.Temp 3.201497 0.008664 369.525 0.000

L1.Precip. horaria 0.000004 0.000010 0.403 0.687

L1.Temp. prom aire -0.000006 0.000003 -1.950 0.051

L2.Conduct 1.293462 NAN NAN NAN

L2.Water -4.115811 NAN NAN NAN

L2.Temp -3.176213 NAN NAN NAN

L2.Precip. horaria 0.000003 0.000012 0.223 0.824

L2.Temp. prom aire -0.000005 0.000005 -1.059 0.290

L3.Conduct -2.152261 NAN NAN NAN

L3.Water 8.886518 NAN NAN NAN

L3.Temp 0.578016 NAN NAN NAN

L3.Precip. horaria 0.000003 0.000012 0.230 0.818

L3.Temp. prom aire 0.000005 0.000005 0.981 0.327

L4.Conduct 2.168127 NAN NAN NAN

L4.Water -11.425521 NAN NAN NAN

L4.Temp 0.376642 NAN NAN NAN

L4.Precip. horaria 0.000001 0.000012 0.123 0.902

L4.Temp. prom aire 0.000005 0.000005 0.978 0.328

L5.Conduct -2.102297 NAN NAN NAN

L5.Water 10.987773 NAN NAN NAN

L5.Temp 0.049364 NAN NAN NAN

L5.Precip. horaria -0.000000 0.000012 -0.028 0.978

L5.Temp. prom aire -0.000001 0.000005 -0.134 0.894

L6.Conduct 2.193567 NAN NAN NAN

L6.Water -9.637335 NAN NAN NAN

L6.Temp 0.065389 NAN NAN NAN

L6.Precip. horaria 0.000003 0.000012 0.224 0.823

L6.Temp. prom aire 0.000008 0.000005 1.423 0.155

L7.Conduct -1.595441 NAN NAN NAN

L7.Water 7.901011 NAN NAN NAN

L7.Temp -0.070236 NAN NAN NAN

L7.Precip. horaria 0.000002 0.000012 0.155 0.877

L7.Temp. prom aire -0.000007 0.000005 -1.387 0.165

L8.Conduct 0.474630 NAN NAN NAN

L8.Water -5.555582 0.351597 -15.801 0.000

L8.Temp 0.118476 NAN NAN NAN

L8.Precip. horaria 0.000001 0.000012 0.063 0.950

L8.Temp. prom aire 0.000007 0.000005 1.207 0.227

L9.Conduct 0.211994 0.176562 1.201 0.230

L9.Water 3.140917 0.364367 8.620 0.000

L9.Temp -0.202148 0.041939 -4.820 0.000

L9.Precip. horaria 0.000002 0.000012 0.141 0.888

L9.Temp. prom aire -0.000005 0.000005 -0.866 0.387

L10.Conduct -0.251682 NAN NAN NAN

L10.Water -1.258539 NAN NAN NAN

L10.Temp 0.066135 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000012 -0.029 0.977

L10.Temp. prom aire -0.000001 0.000005 -0.245 0.807

L11.Conduct 0.093147 NAN NAN NAN

L11.Water 0.150633 NAN NAN NAN

L11.Temp -0.032905 NAN NAN NAN

L11.Precip. horaria -0.000004 0.000012 -0.343 0.732

L11.Temp. prom aire 0.000004 0.000005 0.809 0.419

L12.Conduct -0.003633 NAN NAN NAN

L12.Water 0.481024 0.310836 1.548 0.122

L12.Temp -0.016762 0.005280 -3.175 0.001

L12.Precip. horaria -0.000002 0.000012 -0.189 0.850

L12.Temp. prom aire -0.000005 0.000005 -0.958 0.338

L13.Conduct -0.076476 0.264496 -0.289 0.772

L13.Water -0.983838 0.422845 -2.327 0.020

L13.Temp 0.064457 0.055437 1.163 0.245

L13.Precip. horaria -0.000000 0.000012 -0.017 0.986

L13.Temp. prom aire 0.000005 0.000005 0.962 0.336

L14.Conduct 0.163505 0.322043 0.508 0.612

L14.Water 1.336753 NAN NAN NAN

L14.Temp -0.070932 0.069154 -1.026 0.305

L14.Precip. horaria 0.000001 0.000012 0.098 0.922

L14.Temp. prom aire -0.000004 0.000005 -0.753 0.452

L15.Conduct -0.179244 0.236503 -0.758 0.449

L15.Water -1.478508 NAN NAN NAN

L15.Temp 0.095897 0.042829 2.239 0.025

L15.Precip. horaria -0.000000 0.000012 -0.001 0.999

L15.Temp. prom aire -0.000001 0.000005 -0.245 0.807

L16.Conduct 0.129838 NAN NAN NAN

L16.Water 1.353446 0.418554 3.234 0.001

L16.Temp -0.060450 NAN NAN NAN

L16.Precip. horaria -0.000000 0.000012 -0.042 0.967

L16.Temp. prom aire 0.000001 0.000005 0.252 0.801

L17.Conduct -0.202277 NAN NAN NAN

L17.Water -0.935767 0.588524 -1.590 0.112

L17.Temp 0.059894 NAN NAN NAN

L17.Precip. horaria -0.000002 0.000012 -0.176 0.860

L17.Temp. prom aire 0.000001 0.000005 0.193 0.847

L18.Conduct 0.448070 NAN NAN NAN

L18.Water 0.355640 0.247004 1.440 0.150

L18.Temp -0.082459 0.055891 -1.475 0.140

L18.Precip. horaria 0.000000 0.000012 0.030 0.976

L18.Temp. prom aire -0.000000 0.000005 -0.019 0.985

L19.Conduct -0.459270 0.560276 -0.820 0.412

L19.Water 0.113788 NAN NAN NAN

L19.Temp 0.055067 0.113312 0.486 0.627

L19.Precip. horaria -0.000001 0.000012 -0.074 0.941

L19.Temp. prom aire 0.000001 0.000005 0.213 0.831

L20.Conduct -0.033737 0.623900 -0.054 0.957

L20.Water -0.152578 0.243863 -0.626 0.532

L20.Temp 0.009052 0.114299 0.079 0.937

L20.Precip. horaria -0.000000 0.000012 -0.029 0.977

L20.Temp. prom aire 0.000002 0.000005 0.349 0.727

L21.Conduct 0.713461 0.595128 1.199 0.231

L21.Water -0.353115 0.370237 -0.954 0.340

L21.Temp -0.098328 0.101082 -0.973 0.331

L21.Precip. horaria -0.000001 0.000012 -0.048 0.962

L21.Temp. prom aire 0.000001 0.000005 0.098 0.922

L22.Conduct -1.130069 0.558764 -2.022 0.043

L22.Water 1.286563 NAN NAN NAN

L22.Temp 0.134176 0.081402 1.648 0.099

L22.Precip. horaria -0.000001 0.000012 -0.099 0.921

L22.Temp. prom aire -0.000001 0.000005 -0.263 0.792

L23.Conduct 0.986862 0.472355 2.089 0.037

L23.Water -2.171365 NAN NAN NAN

L23.Temp -0.344757 0.124143 -2.777 0.005

L23.Precip. horaria 0.000000 0.000012 0.010 0.992

L23.Temp. prom aire 0.000002 0.000005 0.356 0.722

L24.Conduct -0.430358 0.285026 -1.510 0.131

L24.Water 2.377572 0.355809 6.682 0.000

L24.Temp -0.393119 0.164751 -2.386 0.017

L24.Precip. horaria -0.000002 0.000012 -0.161 0.872

L24.Temp. prom aire -0.000000 0.000005 -0.044 0.965

L25.Conduct 0.052087 0.086976 0.599 0.549

L25.Water -1.775651 0.440085 -4.035 0.000

L25.Temp 3.882663 NAN NAN NAN

L25.Precip. horaria 0.000003 0.000012 0.262 0.793

L25.Temp. prom aire 0.000002 0.000005 0.301 0.763

L26.Conduct -0.001653 0.025412 -0.065 0.948

L26.Water 0.237375 NAN NAN NAN

L26.Temp -7.525194 NAN NAN NAN

L26.Precip. horaria -0.000001 0.000012 -0.061 0.951

L26.Temp. prom aire 0.000001 0.000005 0.268 0.789

L27.Conduct -0.000072 0.025161 -0.003 0.998

L27.Water 1.968167 NAN NAN NAN

L27.Temp 8.000452 0.589513 13.571 0.000

L27.Precip. horaria 0.000002 0.000012 0.164 0.870

L27.Temp. prom aire -0.000003 0.000005 -0.599 0.549

L28.Conduct 0.001970 0.025327 0.078 0.938

L28.Water -3.303018 NAN NAN NAN

L28.Temp -5.981537 0.501916 -11.917 0.000

L28.Precip. horaria -0.000001 0.000012 -0.099 0.921

L28.Temp. prom aire -0.000003 0.000005 -0.470 0.638

L29.Conduct 0.009272 0.025469 0.364 0.716

L29.Water 3.095596 NAN NAN NAN

L29.Temp 1.812850 NAN NAN NAN

L29.Precip. horaria -0.000003 0.000012 -0.265 0.791

L29.Temp. prom aire -0.000002 0.000005 -0.367 0.713

L30.Conduct -0.006037 0.025469 -0.237 0.813

L30.Water -2.419579 NAN NAN NAN

L30.Temp 3.266963 0.486814 6.711 0.000

L30.Precip. horaria -0.000001 0.000012 -0.115 0.909

L30.Temp. prom aire -0.000004 0.000005 -0.807 0.420

L31.Conduct 0.005791 0.025500 0.227 0.820

L31.Water 1.971638 NAN NAN NAN

L31.Temp -5.426315 0.843091 -6.436 0.000

L31.Precip. horaria -0.000002 0.000012 -0.161 0.872

L31.Temp. prom aire 0.000001 0.000005 0.166 0.868

L32.Conduct 0.002210 0.025480 0.087 0.931

L32.Water -1.610830 0.423928 -3.800 0.000

L32.Temp 3.653146 0.693799 5.265 0.000

L32.Precip. horaria 0.000000 0.000012 0.002 0.998

L32.Temp. prom aire 0.000000 0.000005 0.080 0.936

L33.Conduct -0.007406 0.025471 -0.291 0.771

L33.Water 1.138029 NAN NAN NAN

L33.Temp -0.448623 NAN NAN NAN

L33.Precip. horaria -0.000001 0.000012 -0.062 0.951

L33.Temp. prom aire -0.000001 0.000005 -0.245 0.806

L34.Conduct 0.001975 0.025473 0.078 0.938

L34.Water -0.621314 NAN NAN NAN

L34.Temp -2.026677 NAN NAN NAN

L34.Precip. horaria -0.000001 0.000012 -0.055 0.956

L34.Temp. prom aire 0.000006 0.000005 1.060 0.289

L35.Conduct -0.004776 0.025440 -0.188 0.851

L35.Water 0.267414 NAN NAN NAN

L35.Temp 3.565985 0.951290 3.749 0.000

L35.Precip. horaria 0.000002 0.000012 0.130 0.896

L35.Temp. prom aire -0.000004 0.000005 -0.722 0.470

L36.Conduct 0.007230 0.025408 0.285 0.776

L36.Water 0.122010 NAN NAN NAN

L36.Temp -4.520313 0.944677 -4.785 0.000

L36.Precip. horaria -0.000001 0.000012 -0.064 0.949

L36.Temp. prom aire 0.000001 0.000005 0.187 0.852

L37.Conduct -0.003198 0.025289 -0.126 0.899

L37.Water -0.792959 NAN NAN NAN

L37.Temp 4.534354 0.221549 20.467 0.000

L37.Precip. horaria -0.000000 0.000012 -0.006 0.995

L37.Temp. prom aire 0.000001 0.000005 0.129 0.897

L38.Conduct -0.001908 0.025396 -0.075 0.940

L38.Water 1.556207 NAN NAN NAN

L38.Temp -3.207224 NAN NAN NAN

L38.Precip. horaria -0.000000 0.000012 -0.016 0.987

L38.Temp. prom aire 0.000000 0.000005 0.057 0.954

L39.Conduct 0.003858 0.025311 0.152 0.879

L39.Water -2.167206 NAN NAN NAN

L39.Temp 0.710750 0.580765 1.224 0.221

L39.Precip. horaria -0.000003 0.000012 -0.233 0.815

L39.Temp. prom aire 0.000001 0.000005 0.159 0.874

L40.Conduct -0.002583 0.025316 -0.102 0.919

L40.Water 2.464342 0.155834 15.814 0.000

L40.Temp 1.410146 0.679835 2.074 0.038

L40.Precip. horaria -0.000001 0.000012 -0.112 0.911

L40.Temp. prom aire -0.000000 0.000005 -0.039 0.969

L41.Conduct 0.003179 0.025367 0.125 0.900

L41.Water -2.426309 0.093816 -25.862 0.000

L41.Temp -1.412725 0.309635 -4.563 0.000

L41.Precip. horaria -0.000001 0.000012 -0.060 0.952

L41.Temp. prom aire -0.000002 0.000005 -0.352 0.725

L42.Conduct -0.005458 0.025401 -0.215 0.830

L42.Water 2.222218 NAN NAN NAN

L42.Temp 0.351022 NAN NAN NAN

L42.Precip. horaria -0.000002 0.000012 -0.209 0.835

L42.Temp. prom aire -0.000001 0.000005 -0.189 0.850

L43.Conduct 0.005158 0.025357 0.203 0.839

L43.Water -1.934010 NAN NAN NAN

L43.Temp -0.659960 NAN NAN NAN

L43.Precip. horaria -0.000001 0.000012 -0.107 0.915

L43.Temp. prom aire -0.000001 0.000005 -0.205 0.838

L44.Conduct -0.001487 0.025321 -0.059 0.953

L44.Water 1.594323 0.150731 10.577 0.000

L44.Temp 2.322760 0.114145 20.349 0.000

L44.Precip. horaria -0.000001 0.000012 -0.092 0.927

L44.Temp. prom aire -0.000001 0.000005 -0.275 0.783

L45.Conduct -0.005034 0.025347 -0.199 0.843

L45.Water -1.218918 NAN NAN NAN

L45.Temp -3.325465 NAN NAN NAN

L45.Precip. horaria -0.000000 0.000012 -0.033 0.973

L45.Temp. prom aire -0.000000 0.000005 -0.041 0.967

L46.Conduct 0.011848 0.025241 0.469 0.639

L46.Water 0.740136 NAN NAN NAN

L46.Temp 2.670263 NAN NAN NAN

L46.Precip. horaria -0.000002 0.000012 -0.182 0.856

L46.Temp. prom aire 0.000001 0.000005 0.231 0.817

L47.Conduct -0.009771 0.019649 -0.497 0.619

L47.Water -0.279617 NAN NAN NAN

L47.Temp -1.219176 NAN NAN NAN

L47.Precip. horaria -0.000004 0.000012 -0.329 0.742

L47.Temp. prom aire -0.000001 0.000005 -0.203 0.839

L48.Conduct 0.002617 0.006498 0.403 0.687

L48.Water 0.046356 NAN NAN NAN

L48.Temp 0.246103 0.032406 7.594 0.000

L48.Precip. horaria -0.000004 0.000010 -0.381 0.703

L48.Temp. prom aire 0.000005 0.000003 1.852 0.064

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.058580 0.023734 -2.468 0.014

L1.Conduct 128.786944 23.988816 5.369 0.000

L1.Water -210.354679 NAN NAN NAN

L1.Temp -10.850613 7.820367 -1.387 0.165

L1.Precip. horaria 0.574178 0.009345 61.440 0.000

L1.Temp. prom aire -0.001871 0.002653 -0.705 0.481

L2.Conduct -441.154237 NAN NAN NAN

L2.Water 814.751029 NAN NAN NAN

L2.Temp 33.953679 NAN NAN NAN

L2.Precip. horaria 0.145432 0.010757 13.519 0.000

L2.Temp. prom aire 0.007842 0.004616 1.699 0.089

L3.Conduct 654.631652 NAN NAN NAN

L3.Water -772.494980 NAN NAN NAN

L3.Temp -65.283875 NAN NAN NAN

L3.Precip. horaria 0.006398 0.010833 0.591 0.555

L3.Temp. prom aire -0.004705 0.004862 -0.968 0.333

L4.Conduct -717.731124 NAN NAN NAN

L4.Water -1423.091101 NAN NAN NAN

L4.Temp 153.991620 NAN NAN NAN

L4.Precip. horaria -0.027837 0.010840 -2.568 0.010

L4.Temp. prom aire 0.001989 0.004867 0.409 0.683

L5.Conduct 836.782692 NAN NAN NAN

L5.Water 4746.961942 NAN NAN NAN

L5.Temp -301.889133 NAN NAN NAN

L5.Precip. horaria -0.003120 0.010828 -0.288 0.773

L5.Temp. prom aire -0.003911 0.004868 -0.803 0.422

L6.Conduct -977.458467 NAN NAN NAN

L6.Water -6299.662605 NAN NAN NAN

L6.Temp 391.801950 NAN NAN NAN

L6.Precip. horaria 0.007347 0.010828 0.679 0.497

L6.Temp. prom aire 0.004135 0.004867 0.850 0.396

L7.Conduct 1077.416776 NAN NAN NAN

L7.Water 5510.747631 NAN NAN NAN

L7.Temp -376.351897 NAN NAN NAN

L7.Precip. horaria 0.038446 0.010835 3.548 0.000

L7.Temp. prom aire -0.002462 0.004868 -0.506 0.613

L8.Conduct -1112.089009 NAN NAN NAN

L8.Water -4468.014755 317.367634 -14.078 0.000

L8.Temp 339.300572 NAN NAN NAN

L8.Precip. horaria -0.040645 0.010841 -3.749 0.000

L8.Temp. prom aire 0.003555 0.004864 0.731 0.465

L9.Conduct 989.098539 159.373248 6.206 0.000

L9.Water 4441.653806 328.894371 13.505 0.000

L9.Temp -321.538382 37.856050 -8.494 0.000

L9.Precip. horaria 0.035702 0.010826 3.298 0.001

L9.Temp. prom aire -0.003442 0.004865 -0.708 0.479

L10.Conduct -679.022232 NAN NAN NAN

L10.Water -5052.417865 NAN NAN NAN

L10.Temp 292.163401 NAN NAN NAN

L10.Precip. horaria 0.042636 0.010837 3.934 0.000

L10.Temp. prom aire 0.004697 0.004869 0.965 0.335

L11.Conduct 218.252244 NAN NAN NAN

L11.Water 6267.329296 NAN NAN NAN

L11.Temp -254.772072 NAN NAN NAN

L11.Precip. horaria -0.005800 0.010865 -0.534 0.593

L11.Temp. prom aire -0.001774 0.004867 -0.364 0.716

L12.Conduct 348.362638 NAN NAN NAN

L12.Water -8753.714701 280.574807 -31.199 0.000

L12.Temp 246.479851 4.765754 51.719 0.000

L12.Precip. horaria 0.030055 0.010843 2.772 0.006

L12.Temp. prom aire -0.003927 0.004861 -0.808 0.419

L13.Conduct -793.471231 238.746048 -3.323 0.001

L13.Water 11948.199537 381.679190 31.304 0.000

L13.Temp -298.946909 50.040457 -5.974 0.000

L13.Precip. horaria -0.006301 0.010854 -0.581 0.562

L13.Temp. prom aire 0.002820 0.004863 0.580 0.562

L14.Conduct 789.566165 290.690947 2.716 0.007

L14.Water -13729.537899 NAN NAN NAN

L14.Temp 383.023132 62.421451 6.136 0.000

L14.Precip. horaria -0.018270 0.010862 -1.682 0.093

L14.Temp. prom aire 0.003056 0.004866 0.628 0.530

L15.Conduct -474.748105 213.478894 -2.224 0.026

L15.Water 12797.747014 NAN NAN NAN

L15.Temp -408.113979 38.659378 -10.557 0.000

L15.Precip. horaria 0.018960 0.010863 1.745 0.081

L15.Temp. prom aire -0.003343 0.004862 -0.688 0.492

L16.Conduct 303.157874 NAN NAN NAN

L16.Water -9638.203623 377.806048 -25.511 0.000

L16.Temp 326.591726 NAN NAN NAN

L16.Precip. horaria -0.025744 0.010854 -2.372 0.018

L16.Temp. prom aire 0.001765 0.004867 0.363 0.717

L17.Conduct -300.221214 NAN NAN NAN

L17.Water 5852.198402 531.229261 11.016 0.000

L17.Temp -183.515862 NAN NAN NAN

L17.Precip. horaria 0.009398 0.010869 0.865 0.387

L17.Temp. prom aire 0.000761 0.004866 0.156 0.876

L18.Conduct 84.669689 NAN NAN NAN

L18.Water -3849.701964 222.956923 -17.267 0.000

L18.Temp 131.946414 50.449794 2.615 0.009

L18.Precip. horaria 0.004390 0.010879 0.403 0.687

L18.Temp. prom aire -0.000385 0.004865 -0.079 0.937

L19.Conduct 603.656069 505.731562 1.194 0.233

L19.Water 4406.753132 NAN NAN NAN

L19.Temp -265.261690 102.280996 -2.593 0.010

L19.Precip. horaria -0.010987 0.010882 -1.010 0.313

L19.Temp. prom aire -0.003955 0.004864 -0.813 0.416

L20.Conduct -1469.400656 563.161471 -2.609 0.009

L20.Water -5557.147663 220.122102 -25.246 0.000

L20.Temp 444.971934 103.171913 4.313 0.000

L20.Precip. horaria -0.012835 0.010869 -1.181 0.238

L20.Temp. prom aire 0.007839 0.004865 1.611 0.107

L21.Conduct 1720.409116 537.189889 3.203 0.001

L21.Water 6853.314213 334.193278 20.507 0.000

L21.Temp -512.203801 91.241624 -5.614 0.000

L21.Precip. horaria -0.015898 0.010875 -1.462 0.144

L21.Temp. prom aire -0.003828 0.004869 -0.786 0.432

L22.Conduct -1132.502028 504.366248 -2.245 0.025

L22.Water -10079.940441 NAN NAN NAN

L22.Temp 527.958246 73.477396 7.185 0.000

L22.Precip. horaria 0.004529 0.010870 0.417 0.677

L22.Temp. prom aire -0.000616 0.004869 -0.127 0.899

L23.Conduct 459.323254 426.369712 1.077 0.281

L23.Water 14685.128224 NAN NAN NAN

L23.Temp -762.731615 112.056943 -6.807 0.000

L23.Precip. horaria 0.035932 0.010866 3.307 0.001

L23.Temp. prom aire -0.001053 0.004872 -0.216 0.829

L24.Conduct -166.472293 257.277393 -0.647 0.518

L24.Water -17650.441622 321.170185 -54.957 0.000

L24.Temp 1226.676973 148.711893 8.249 0.000

L24.Precip. horaria -0.013439 0.010864 -1.237 0.216

L24.Temp. prom aire -0.002587 0.004852 -0.533 0.594

L25.Conduct 48.027639 78.508310 0.612 0.541

L25.Water 16372.440935 397.241062 41.215 0.000

L25.Temp -1333.957796 NAN NAN NAN

L25.Precip. horaria -0.025801 0.010868 -2.374 0.018

L25.Temp. prom aire 0.004590 0.004850 0.946 0.344

L26.Conduct 1.409869 22.937656 0.061 0.951

L26.Water -10570.253451 NAN NAN NAN

L26.Temp 858.571467 NAN NAN NAN

L26.Precip. horaria 0.010448 0.010866 0.962 0.336

L26.Temp. prom aire 0.000818 0.004872 0.168 0.867

L27.Conduct 5.287428 22.711815 0.233 0.816

L27.Water 3873.217120 NAN NAN NAN

L27.Temp -465.302313 532.121446 -0.874 0.382

L27.Precip. horaria 0.002858 0.010867 0.263 0.793

L27.Temp. prom aire -0.005393 0.004871 -1.107 0.268

L28.Conduct -4.443416 22.861238 -0.194 0.846

L28.Water -518.959428 NAN NAN NAN

L28.Temp 336.111217 453.053129 0.742 0.458

L28.Precip. horaria 0.018351 0.010869 1.688 0.091

L28.Temp. prom aire 0.004969 0.004870 1.020 0.308

L29.Conduct -1.940222 22.989879 -0.084 0.933

L29.Water 151.554870 NAN NAN NAN

L29.Temp 231.890382 NAN NAN NAN

L29.Precip. horaria -0.010448 0.010861 -0.962 0.336

L29.Temp. prom aire -0.005100 0.004870 -1.047 0.295

L30.Conduct 3.351509 22.989511 0.146 0.884

L30.Water 98.041921 NAN NAN NAN

L30.Temp -1270.858027 439.420563 -2.892 0.004

L30.Precip. horaria -0.003636 0.010861 -0.335 0.738

L30.Temp. prom aire 0.006553 0.004870 1.346 0.178

L31.Conduct 2.619262 23.017059 0.114 0.909

L31.Water -609.866857 NAN NAN NAN

L31.Temp 1829.294126 761.013237 2.404 0.016

L31.Precip. horaria 0.007290 0.010861 0.671 0.502

L31.Temp. prom aire -0.004924 0.004867 -1.012 0.312

L32.Conduct -4.836313 22.999750 -0.210 0.833

L32.Water -327.486611 382.657162 -0.856 0.392

L32.Temp -1449.226213 626.255604 -2.314 0.021

L32.Precip. horaria 0.004344 0.010798 0.402 0.687

L32.Temp. prom aire 0.002562 0.004860 0.527 0.598

L33.Conduct 3.060529 22.991393 0.133 0.894

L33.Water 2981.876550 NAN NAN NAN

L33.Temp 758.707397 NAN NAN NAN

L33.Precip. horaria -0.000838 0.010851 -0.077 0.938

L33.Temp. prom aire -0.005576 0.004864 -1.146 0.252

L34.Conduct -13.785123 22.993142 -0.600 0.549

L34.Water -5426.446247 NAN NAN NAN

L34.Temp -339.652764 NAN NAN NAN

L34.Precip. horaria -0.012476 0.010871 -1.148 0.251

L34.Temp. prom aire 0.004703 0.004868 0.966 0.334

L35.Conduct 15.519892 22.963041 0.676 0.499

L35.Water 6220.128565 NAN NAN NAN

L35.Temp 106.156984 858.678361 0.124 0.902

L35.Precip. horaria -0.014331 0.010835 -1.323 0.186

L35.Temp. prom aire -0.004843 0.004864 -0.996 0.319

L36.Conduct -1.525842 22.934464 -0.067 0.947

L36.Water -6055.747249 NAN NAN NAN

L36.Temp -146.856063 852.709540 -0.172 0.863

L36.Precip. horaria 0.008366 0.010823 0.773 0.440

L36.Temp. prom aire 0.008503 0.004866 1.747 0.081

L37.Conduct -4.906422 22.827355 -0.215 0.830

L37.Water 6150.458622 NAN NAN NAN

L37.Temp 683.172327 199.980428 3.416 0.001

L37.Precip. horaria 0.004043 0.010851 0.373 0.709

L37.Temp. prom aire -0.003889 0.004869 -0.799 0.424

L38.Conduct 8.326861 22.923471 0.363 0.716

L38.Water -6944.362767 NAN NAN NAN

L38.Temp -1231.918864 NAN NAN NAN

L38.Precip. horaria -0.003863 0.010861 -0.356 0.722

L38.Temp. prom aire 0.000626 0.004866 0.129 0.898

L39.Conduct -11.503888 22.847199 -0.504 0.615

L39.Water 8454.696231 NAN NAN NAN

L39.Temp 1227.968093 524.225605 2.342 0.019

L39.Precip. horaria 0.000453 0.010827 0.042 0.967

L39.Temp. prom aire -0.004948 0.004864 -1.017 0.309

L40.Conduct 6.506517 22.851052 0.285 0.776

L40.Water -9523.879026 140.663078 -67.707 0.000

L40.Temp -925.026284 613.650546 -1.507 0.132

L40.Precip. horaria -0.010481 0.010826 -0.968 0.333

L40.Temp. prom aire 0.005463 0.004869 1.122 0.262

L41.Conduct 0.353150 22.897815 0.015 0.988

L41.Water 7910.260129 84.682960 93.410 0.000

L41.Temp 895.685764 279.490607 3.205 0.001

L41.Precip. horaria 0.001654 0.010849 0.152 0.879

L41.Temp. prom aire -0.005006 0.004870 -1.028 0.304

L42.Conduct 3.295416 22.927713 0.144 0.886

L42.Water -3435.092617 NAN NAN NAN

L42.Temp -1146.121616 NAN NAN NAN

L42.Precip. horaria -0.005315 0.010792 -0.492 0.622

L42.Temp. prom aire 0.001201 0.004869 0.247 0.805

L43.Conduct -11.631108 22.888069 -0.508 0.611

L43.Water -1288.923456 NAN NAN NAN

L43.Temp 1165.568682 NAN NAN NAN

L43.Precip. horaria -0.003721 0.010816 -0.344 0.731

L43.Temp. prom aire 0.004583 0.004871 0.941 0.347

L44.Conduct 7.952648 22.855637 0.348 0.728

L44.Water 4103.464518 136.057234 30.160 0.000

L44.Temp -745.935378 103.032356 -7.240 0.000

L44.Precip. horaria 0.008274 0.010839 0.763 0.445

L44.Temp. prom aire -0.002405 0.004873 -0.494 0.622

L45.Conduct 2.865987 22.879091 0.125 0.900

L45.Water -4553.163615 NAN NAN NAN

L45.Temp 249.516097 NAN NAN NAN

L45.Precip. horaria 0.008442 0.010838 0.779 0.436

L45.Temp. prom aire -0.005177 0.004872 -1.063 0.288

L46.Conduct -6.602366 22.783486 -0.290 0.772

L46.Water 3117.005172 NAN NAN NAN

L46.Temp -7.491778 NAN NAN NAN

L46.Precip. horaria -0.001473 0.010838 -0.136 0.892

L46.Temp. prom aire 0.007097 0.004868 1.458 0.145

L47.Conduct 2.699318 17.736378 0.152 0.879

L47.Water -1227.716351 NAN NAN NAN

L47.Temp -23.528250 NAN NAN NAN

L47.Precip. horaria 0.008015 0.010747 0.746 0.456

L47.Temp. prom aire -0.000687 0.004626 -0.149 0.882

L48.Conduct 0.055581 5.865162 0.009 0.992

L48.Water 208.694980 NAN NAN NAN

L48.Temp 5.833257 29.251284 0.199 0.842

L48.Precip. horaria -0.007773 0.009335 -0.833 0.405

L48.Temp. prom aire -0.002227 0.002664 -0.836 0.403

=============================================================

Results for equation Temp. prom aire

=============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.302674 0.083531 3.623 0.000

L1.Conduct -42.187844 84.429646 -0.500 0.617

L1.Water -77.196187 NAN NAN NAN

L1.Temp -16.225974 27.524111 -0.590 0.556

L1.Precip. horaria 0.036179 0.032891 1.100 0.271

L1.Temp. prom aire 1.425172 0.009338 152.623 0.000

L2.Conduct -3.152299 NAN NAN NAN

L2.Water 776.566011 NAN NAN NAN

L2.Temp -20.164923 NAN NAN NAN

L2.Precip. horaria 0.021698 0.037861 0.573 0.567

L2.Temp. prom aire -0.575005 0.016246 -35.393 0.000

L3.Conduct 399.009539 NAN NAN NAN

L3.Water -2596.205814 NAN NAN NAN

L3.Temp 251.724654 NAN NAN NAN

L3.Precip. horaria -0.011417 0.038127 -0.299 0.765

L3.Temp. prom aire 0.077665 0.017113 4.538 0.000

L4.Conduct -660.134823 NAN NAN NAN

L4.Water 4091.436350 NAN NAN NAN

L4.Temp -404.456315 NAN NAN NAN

L4.Precip. horaria -0.009679 0.038153 -0.254 0.800

L4.Temp. prom aire -0.023017 0.017131 -1.344 0.179

L5.Conduct -222.002630 NAN NAN NAN

L5.Water -2649.988800 NAN NAN NAN

L5.Temp 223.407782 NAN NAN NAN

L5.Precip. horaria -0.003702 0.038108 -0.097 0.923

L5.Temp. prom aire -0.016894 0.017133 -0.986 0.324

L6.Conduct 2372.143904 NAN NAN NAN

L6.Water -1682.161078 NAN NAN NAN

L6.Temp -224.909008 NAN NAN NAN

L6.Precip. horaria 0.023431 0.038110 0.615 0.539

L6.Temp. prom aire 0.018497 0.017129 1.080 0.280

L7.Conduct -4696.235611 NAN NAN NAN

L7.Water 5623.385739 NAN NAN NAN

L7.Temp 472.720662 NAN NAN NAN

L7.Precip. horaria 0.009576 0.038135 0.251 0.802

L7.Temp. prom aire -0.034260 0.017135 -1.999 0.046

L8.Conduct 5806.332134 NAN NAN NAN

L8.Water -7092.953637 1116.988727 -6.350 0.000

L8.Temp -468.097001 NAN NAN NAN

L8.Precip. horaria 0.033917 0.038154 0.889 0.374

L8.Temp. prom aire 0.013204 0.017120 0.771 0.441

L9.Conduct -5362.764858 560.920846 -9.561 0.000

L9.Water 7520.802352 1157.557563 6.497 0.000

L9.Temp 502.051003 133.235959 3.768 0.000

L9.Precip. horaria -0.037845 0.038102 -0.993 0.321

L9.Temp. prom aire 0.005934 0.017121 0.347 0.729

L10.Conduct 4336.504613 NAN NAN NAN

L10.Water -8080.902977 NAN NAN NAN

L10.Temp -499.850089 NAN NAN NAN

L10.Precip. horaria -0.046079 0.038141 -1.208 0.227

L10.Temp. prom aire -0.001318 0.017138 -0.077 0.939

L11.Conduct -3667.038871 NAN NAN NAN

L11.Water 7621.136397 NAN NAN NAN

L11.Temp 146.345015 NAN NAN NAN

L11.Precip. horaria 0.003520 0.038240 0.092 0.927

L11.Temp. prom aire -0.018018 0.017129 -1.052 0.293

L12.Conduct 3173.457675 NAN NAN NAN

L12.Water -4591.477872 987.494826 -4.650 0.000

L12.Temp -121.717291 16.773271 -7.257 0.000

L12.Precip. horaria 0.006990 0.038162 0.183 0.855

L12.Temp. prom aire 0.019393 0.017109 1.134 0.257

L13.Conduct -2695.438245 840.276752 -3.208 0.001

L13.Water -1686.035007 1343.335952 -1.255 0.209

L13.Temp 513.056197 176.119491 2.913 0.004

L13.Precip. horaria -0.004713 0.038202 -0.123 0.902

L13.Temp. prom aire -0.017903 0.017115 -1.046 0.296

L14.Conduct 3041.305320 1023.099005 2.973 0.003

L14.Water 9141.614837 NAN NAN NAN

L14.Temp -882.376470 219.694922 -4.016 0.000

L14.Precip. horaria -0.013740 0.038230 -0.359 0.719

L14.Temp. prom aire 0.027377 0.017125 1.599 0.110

L15.Conduct -4002.451468 751.347939 -5.327 0.000

L15.Water -13076.218153 NAN NAN NAN

L15.Temp 1114.657208 136.063305 8.192 0.000

L15.Precip. horaria 0.014684 0.038232 0.384 0.701

L15.Temp. prom aire -0.015045 0.017113 -0.879 0.379

L16.Conduct 3973.856594 NAN NAN NAN

L16.Water 10903.215706 1329.704266 8.200 0.000

L16.Temp -1066.780932 NAN NAN NAN

L16.Precip. horaria -0.018952 0.038201 -0.496 0.620

L16.Temp. prom aire -0.001808 0.017129 -0.106 0.916

L17.Conduct -2436.691512 NAN NAN NAN

L17.Water -5407.690142 1869.683714 -2.892 0.004

L17.Temp 723.567581 NAN NAN NAN

L17.Precip. horaria 0.007733 0.038254 0.202 0.840

L17.Temp. prom aire 0.020513 0.017127 1.198 0.231

L18.Conduct 665.288179 NAN NAN NAN

L18.Water 1216.394687 784.706261 1.550 0.121

L18.Temp -255.834221 177.560171 -1.441 0.150

L18.Precip. horaria 0.000553 0.038290 0.014 0.988

L18.Temp. prom aire -0.021887 0.017122 -1.278 0.201

L19.Conduct 178.475947 1779.943488 0.100 0.920

L19.Water 91.211486 NAN NAN NAN

L19.Temp 54.710829 359.982263 0.152 0.879

L19.Precip. horaria -0.026941 0.038300 -0.703 0.482

L19.Temp. prom aire 0.021438 0.017118 1.252 0.210

L20.Conduct -570.318424 1982.070467 -0.288 0.774

L20.Water 1436.822614 774.728989 1.855 0.064

L20.Temp -94.895223 363.117886 -0.261 0.794

L20.Precip. horaria -0.013112 0.038255 -0.343 0.732

L20.Temp. prom aire -0.020129 0.017124 -1.175 0.240

L21.Conduct 1015.104929 1890.662392 0.537 0.591

L21.Water -5246.560730 1176.207290 -4.461 0.000

L21.Temp 183.306495 321.128732 0.571 0.568

L21.Precip. horaria 0.014414 0.038276 0.377 0.706

L21.Temp. prom aire 0.015432 0.017136 0.901 0.368

L22.Conduct -1035.212673 1775.138209 -0.583 0.560

L22.Water 8889.115356 NAN NAN NAN

L22.Temp -305.055518 258.606784 -1.180 0.238

L22.Precip. horaria 0.004513 0.038257 0.118 0.906

L22.Temp. prom aire 0.032884 0.017136 1.919 0.055

L23.Conduct 672.837763 1500.626123 0.448 0.654

L23.Water -10964.126350 NAN NAN NAN

L23.Temp 414.793732 394.389122 1.052 0.293

L23.Precip. horaria 0.036848 0.038242 0.964 0.335

L23.Temp. prom aire 0.051387 0.017147 2.997 0.003

L24.Conduct -348.804069 905.498597 -0.385 0.700

L24.Water 12153.735108 1130.371966 10.752 0.000

L24.Temp -982.335751 523.397759 -1.877 0.061

L24.Precip. horaria -0.010477 0.038235 -0.274 0.784

L24.Temp. prom aire 0.120029 0.017076 7.029 0.000

L25.Conduct 145.476709 276.313298 0.526 0.599

L25.Water -12219.053954 1398.106616 -8.740 0.000

L25.Temp 1807.595996 NAN NAN NAN

L25.Precip. horaria 0.019245 0.038249 0.503 0.615

L25.Temp. prom aire -0.172139 0.017071 -10.084 0.000

L26.Conduct -81.106494 80.730044 -1.005 0.315

L26.Water 11266.948933 NAN NAN NAN

L26.Temp -2114.232872 NAN NAN NAN

L26.Precip. horaria -0.006612 0.038243 -0.173 0.863

L26.Temp. prom aire 0.001465 0.017147 0.085 0.932

L27.Conduct 99.571990 79.935187 1.246 0.213

L27.Water -11616.710674 NAN NAN NAN

L27.Temp 2391.602992 1872.823796 1.277 0.202

L27.Precip. horaria -0.023335 0.038247 -0.610 0.542

L27.Temp. prom aire 0.011504 0.017143 0.671 0.502

L28.Conduct -103.693317 80.461088 -1.289 0.197

L28.Water 13960.148590 NAN NAN NAN

L28.Temp -2711.734701 1594.539530 -1.701 0.089

L28.Precip. horaria 0.011319 0.038255 0.296 0.767

L28.Temp. prom aire -0.017337 0.017140 -1.011 0.312

L29.Conduct 98.550967 80.913845 1.218 0.223

L29.Water -14376.209501 NAN NAN NAN

L29.Temp 1964.068582 NAN NAN NAN

L29.Precip. horaria -0.029710 0.038225 -0.777 0.437

L29.Temp. prom aire 0.022543 0.017140 1.315 0.188

L30.Conduct -88.667929 80.912549 -1.096 0.273

L30.Water 9235.795284 NAN NAN NAN

L30.Temp -673.141373 1546.559141 -0.435 0.663

L30.Precip. horaria -0.016237 0.038226 -0.425 0.671

L30.Temp. prom aire 0.011219 0.017139 0.655 0.513

L31.Conduct 30.141889 81.009506 0.372 0.710

L31.Water -1223.130265 NAN NAN NAN

L31.Temp 617.738703 2678.418073 0.231 0.818

L31.Precip. horaria -0.018232 0.038225 -0.477 0.633

L31.Temp. prom aire -0.013159 0.017131 -0.768 0.442

L32.Conduct 32.867892 80.948587 0.406 0.685

L32.Water -4669.973328 1346.777964 -3.468 0.001

L32.Temp -2554.488504 2204.132921 -1.159 0.246

L32.Precip. horaria 0.046092 0.038003 1.213 0.225

L32.Temp. prom aire -0.002953 0.017105 -0.173 0.863

L33.Conduct -37.514667 80.919173 -0.464 0.643

L33.Water 8403.028008 NAN NAN NAN

L33.Temp 5750.728832 NAN NAN NAN

L33.Precip. horaria -0.000671 0.038189 -0.018 0.986

L33.Temp. prom aire 0.018947 0.017120 1.107 0.268

L34.Conduct 5.637999 80.925331 0.070 0.944

L34.Water -12166.483803 NAN NAN NAN

L34.Temp -7021.812837 NAN NAN NAN

L34.Precip. horaria -0.021482 0.038262 -0.561 0.574

L34.Temp. prom aire -0.020761 0.017134 -1.212 0.226

L35.Conduct 13.861144 80.819386 0.172 0.864

L35.Water 15027.976589 NAN NAN NAN

L35.Temp 4005.770178 3022.154584 1.325 0.185

L35.Precip. horaria 0.015513 0.038133 0.407 0.684

L35.Temp. prom aire 0.031809 0.017117 1.858 0.063

L36.Conduct -20.806715 80.718811 -0.258 0.797

L36.Water -14645.253686 NAN NAN NAN

L36.Temp 59.089772 3001.147069 0.020 0.984

L36.Precip. horaria -0.011752 0.038094 -0.309 0.758

L36.Temp. prom aire -0.037672 0.017127 -2.200 0.028

L37.Conduct 36.546510 80.341834 0.455 0.649

L37.Water 10649.903228 NAN NAN NAN

L37.Temp -1833.055999 703.839522 -2.604 0.009

L37.Precip. horaria -0.034032 0.038192 -0.891 0.373

L37.Temp. prom aire 0.020528 0.017137 1.198 0.231

L38.Conduct -26.119290 80.680120 -0.324 0.746

L38.Water -5066.079781 NAN NAN NAN

L38.Temp 3427.949986 NAN NAN NAN

L38.Precip. horaria 0.005083 0.038227 0.133 0.894

L38.Temp. prom aire -0.000469 0.017125 -0.027 0.978

L39.Conduct -34.601708 80.411679 -0.430 0.667

L39.Water 453.259585 NAN NAN NAN

L39.Temp -6750.116704 1845.034053 -3.659 0.000

L39.Precip. horaria 0.029205 0.038106 0.766 0.443

L39.Temp. prom aire -0.020492 0.017120 -1.197 0.231

L40.Conduct 109.428591 80.425238 1.361 0.174

L40.Water 2337.347573 495.069616 4.721 0.000

L40.Temp 9976.779360 2159.768889 4.619 0.000

L40.Precip. horaria -0.040607 0.038103 -1.066 0.287

L40.Temp. prom aire -0.012006 0.017138 -0.701 0.484

L41.Conduct -61.023674 80.589822 -0.757 0.449

L41.Water -4485.154526 298.045236 -15.049 0.000

L41.Temp -11449.806208 983.678939 -11.640 0.000

L41.Precip. horaria 0.020552 0.038184 0.538 0.590

L41.Temp. prom aire 0.005124 0.017142 0.299 0.765

L42.Conduct -77.485606 80.695050 -0.960 0.337

L42.Water 6779.050012 NAN NAN NAN

L42.Temp 11601.199416 NAN NAN NAN

L42.Precip. horaria -0.020684 0.037984 -0.545 0.586

L42.Temp. prom aire 0.017742 0.017136 1.035 0.300

L43.Conduct 37.865005 80.555521 0.470 0.638

L43.Water -7727.897286 NAN NAN NAN

L43.Temp -11614.950457 NAN NAN NAN

L43.Precip. horaria 0.027670 0.038066 0.727 0.467

L43.Temp. prom aire -0.013585 0.017145 -0.792 0.428

L44.Conduct 103.494216 80.441376 1.287 0.198

L44.Water 6277.163751 478.859155 13.109 0.000

L44.Temp 10605.586233 362.626709 29.247 0.000

L44.Precip. horaria -0.012368 0.038147 -0.324 0.746

L44.Temp. prom aire 0.025098 0.017151 1.463 0.143

L45.Conduct -77.640108 80.523923 -0.964 0.335

L45.Water -3998.729669 NAN NAN NAN

L45.Temp -6676.208335 NAN NAN NAN

L45.Precip. horaria -0.031601 0.038146 -0.828 0.407

L45.Temp. prom aire -0.016425 0.017147 -0.958 0.338

L46.Conduct -42.210401 80.187438 -0.526 0.599

L46.Water 2278.855381 NAN NAN NAN

L46.Temp 1987.984268 NAN NAN NAN

L46.Precip. horaria 0.036462 0.038143 0.956 0.339

L46.Temp. prom aire 0.001599 0.017134 0.093 0.926

L47.Conduct 68.291796 62.423928 1.094 0.274

L47.Water -1002.468421 NAN NAN NAN

L47.Temp 72.658544 NAN NAN NAN

L47.Precip. horaria 0.001549 0.037826 0.041 0.967

L47.Temp. prom aire 0.103501 0.016282 6.357 0.000

L48.Conduct -22.746810 20.642686 -1.102 0.270

L48.Water 213.743080 NAN NAN NAN

L48.Temp -126.836879 102.951123 -1.232 0.218

L48.Precip. horaria 0.002953 0.032854 0.090 0.928

L48.Temp. prom aire -0.079704 0.009376 -8.501 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.516258 0.672961 0.027377 -0.020514

Water 0.516258 1.000000 0.348240 0.023206 -0.019117

Temp 0.672961 0.348240 1.000000 0.006447 -0.028664

Precip. horaria 0.027377 0.023206 0.006447 1.000000 -0.023111

Temp. prom aire -0.020514 -0.019117 -0.028664 -0.023111 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -58.2738

Nobs: 11641.0 HQIC: -58.7798

Log likelihood: 262234. FPE: 2.29649e-26

AIC: -59.0359 Det(Omega\_mle): 2.07285e-26

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000098 0.000042 2.340 0.019

L1.Conduct 4.955837 0.009438 525.110 0.000

L1.Water 3.197233 0.128724 24.838 0.000

L1.Temp -3.063043 0.020397 -150.173 0.000

L1.Precip. horaria 0.000006 0.000013 0.456 0.648

L1.Temp. prom aire -0.000002 0.000004 -0.478 0.632

L2.Conduct -10.556118 0.027718 -380.838 0.000

L2.Water -16.283347 0.565964 -28.771 0.000

L2.Temp 12.552116 0.063082 198.981 0.000

L2.Precip. horaria 0.000000 0.000015 0.012 0.990

L2.Temp. prom aire -0.000011 0.000006 -1.695 0.090

L3.Conduct 13.004716 NAN NAN NAN

L3.Water 36.659583 1.053969 34.782 0.000

L3.Temp -20.789420 0.050451 -412.073 0.000

L3.Precip. horaria 0.000009 0.000015 0.578 0.563

L3.Temp. prom aire 0.000009 0.000007 1.394 0.163

L4.Conduct -10.896424 NAN NAN NAN

L4.Water -50.530368 1.195623 -42.263 0.000

L4.Temp 19.174318 NAN NAN NAN

L4.Precip. horaria 0.000006 0.000015 0.419 0.675

L4.Temp. prom aire -0.000000 0.000007 -0.050 0.960

L5.Conduct 7.234204 0.050321 143.761 0.000

L5.Water 51.490312 0.941965 54.663 0.000

L5.Temp -13.098266 0.099084 -132.193 0.000

L5.Precip. horaria -0.000011 0.000015 -0.773 0.440

L5.Temp. prom aire -0.000002 0.000007 -0.236 0.813

L6.Conduct -4.323456 0.061310 -70.518 0.000

L6.Water -43.839454 0.602093 -72.812 0.000

L6.Temp 8.511499 0.122253 69.622 0.000

L6.Precip. horaria 0.000004 0.000015 0.298 0.766

L6.Temp. prom aire 0.000009 0.000007 1.300 0.194

L7.Conduct 2.455034 0.043025 57.061 0.000

L7.Water 32.429956 0.998010 32.495 0.000

L7.Temp -5.093257 0.121565 -41.897 0.000

L7.Precip. horaria 0.000011 0.000015 0.765 0.444

L7.Temp. prom aire -0.000007 0.000007 -1.135 0.256

L8.Conduct -1.276840 0.040253 -31.721 0.000

L8.Water -21.632106 1.184638 -18.261 0.000

L8.Temp 2.847615 0.123227 23.109 0.000

L8.Precip. horaria -0.000011 0.000015 -0.734 0.463

L8.Temp. prom aire 0.000010 0.000007 1.585 0.113

L9.Conduct 0.486972 0.044258 11.003 0.000

L9.Water 14.865212 1.120297 13.269 0.000

L9.Temp -1.382238 0.120279 -11.492 0.000

L9.Precip. horaria 0.000008 0.000015 0.542 0.588

L9.Temp. prom aire -0.000010 0.000007 -1.471 0.141

L10.Conduct 0.049149 0.054000 0.910 0.363

L10.Water -13.091894 0.831110 -15.752 0.000

L10.Temp 0.407621 0.118032 3.453 0.001

L10.Precip. horaria -0.000007 0.000015 -0.502 0.616

L10.Temp. prom aire 0.000003 0.000007 0.487 0.626

L11.Conduct -0.449211 0.087942 -5.108 0.000

L11.Water 16.041534 0.923088 17.378 0.000

L11.Temp 0.058854 0.136114 0.432 0.665

L11.Precip. horaria -0.000004 0.000015 -0.280 0.779

L11.Temp. prom aire -0.000001 0.000007 -0.198 0.843

L12.Conduct 0.715922 0.099322 7.208 0.000

L12.Water -21.650378 1.057838 -20.467 0.000

L12.Temp -0.296021 0.144183 -2.053 0.040

L12.Precip. horaria 0.000005 0.000015 0.308 0.758

L12.Temp. prom aire 0.000001 0.000007 0.188 0.851

L13.Conduct -0.767616 0.101472 -7.565 0.000

L13.Water 26.566343 1.263855 21.020 0.000

L13.Temp 0.172887 0.142663 1.212 0.226

L13.Precip. horaria 0.000007 0.000015 0.456 0.648

L13.Temp. prom aire 0.000005 0.000007 0.814 0.416

L14.Conduct 0.669693 0.089114 7.515 0.000

L14.Water -28.678004 1.008297 -28.442 0.000

L14.Temp 0.071935 0.139744 0.515 0.607

L14.Precip. horaria -0.000008 0.000015 -0.510 0.610

L14.Temp. prom aire -0.000007 0.000007 -1.058 0.290

L15.Conduct -0.522993 0.075496 -6.927 0.000

L15.Water 27.425376 0.747549 36.687 0.000

L15.Temp -0.241460 0.126553 -1.908 0.056

L15.Precip. horaria 0.000015 0.000015 1.007 0.314

L15.Temp. prom aire -0.000000 0.000007 -0.050 0.960

L16.Conduct 0.330846 0.069637 4.751 0.000

L16.Water -23.159548 0.925568 -25.022 0.000

L16.Temp 0.393122 0.115634 3.400 0.001

L16.Precip. horaria -0.000004 0.000015 -0.255 0.798

L16.Temp. prom aire 0.000001 0.000007 0.132 0.895

L17.Conduct -0.108966 0.070240 -1.551 0.121

L17.Water 17.588866 0.958754 18.346 0.000

L17.Temp -0.498914 0.116617 -4.278 0.000

L17.Precip. horaria 0.000003 0.000015 0.185 0.854

L17.Temp. prom aire 0.000001 0.000007 0.215 0.830

L18.Conduct 0.001569 0.061301 0.026 0.980

L18.Water -13.082594 0.974339 -13.427 0.000

L18.Temp 0.504301 0.119457 4.222 0.000

L18.Precip. horaria -0.000008 0.000015 -0.508 0.612

L18.Temp. prom aire -0.000004 0.000007 -0.649 0.517

L19.Conduct -0.070673 0.104554 -0.676 0.499

L19.Water 10.542396 0.621322 16.968 0.000

L19.Temp -0.295656 0.174211 -1.697 0.090

L19.Precip. horaria -0.000003 0.000015 -0.226 0.821

L19.Temp. prom aire 0.000005 0.000007 0.719 0.472

L20.Conduct 0.113609 0.126830 0.896 0.370

L20.Water -9.149374 0.953779 -9.593 0.000

L20.Temp 0.166160 0.182198 0.912 0.362

L20.Precip. horaria 0.000019 0.000015 1.278 0.201

L20.Temp. prom aire 0.000001 0.000007 0.138 0.890

L21.Conduct 0.032918 0.095668 0.344 0.731

L21.Water 7.868509 0.913377 8.615 0.000

L21.Temp -0.353166 0.146918 -2.404 0.016

L21.Precip. horaria -0.000004 0.000015 -0.267 0.789

L21.Temp. prom aire -0.000004 0.000007 -0.535 0.593

L22.Conduct -0.549436 0.082575 -6.654 0.000

L22.Water -6.617716 0.695728 -9.512 0.000

L22.Temp 1.059094 0.140523 7.537 0.000

L22.Precip. horaria -0.000021 0.000015 -1.435 0.151

L22.Temp. prom aire 0.000004 0.000007 0.612 0.541

L23.Conduct 1.195372 0.099321 12.035 0.000

L23.Water 7.917040 0.477052 16.596 0.000

L23.Temp -3.371753 0.288647 -11.681 0.000

L23.Precip. horaria -0.000016 0.000015 -1.057 0.291

L23.Temp. prom aire 0.000000 0.000007 0.058 0.953

L24.Conduct -1.031323 0.135611 -7.605 0.000

L24.Water -15.153839 0.582632 -26.009 0.000

L24.Temp 5.431201 0.816968 6.648 0.000

L24.Precip. horaria -0.000022 0.000015 -1.518 0.129

L24.Temp. prom aire -0.000001 0.000007 -0.174 0.862

L25.Conduct 0.343598 0.104656 3.283 0.001

L25.Water 28.891297 0.499801 57.806 0.000

L25.Temp -4.362945 1.179276 -3.700 0.000

L25.Precip. horaria 0.000066 0.000015 4.493 0.000

L25.Temp. prom aire -0.000001 0.000007 -0.140 0.889

L26.Conduct -0.271519 0.087757 -3.094 0.002

L26.Water -47.404316 0.675710 -70.155 0.000

L26.Temp 4.842800 1.164182 4.160 0.000

L26.Precip. horaria -0.000037 0.000015 -2.515 0.012

L26.Temp. prom aire 0.000006 0.000007 0.976 0.329

L27.Conduct 0.436888 0.106373 4.107 0.000

L27.Water 64.138689 0.645288 99.396 0.000

L27.Temp -10.190024 0.781739 -13.035 0.000

L27.Precip. horaria -0.000006 0.000015 -0.429 0.668

L27.Temp. prom aire -0.000007 0.000007 -1.112 0.266

L28.Conduct -0.221012 0.127504 -1.733 0.083

L28.Water -68.773441 0.699130 -98.370 0.000

L28.Temp 14.304832 0.478811 29.876 0.000

L28.Precip. horaria 0.000005 0.000015 0.349 0.727

L28.Temp. prom aire -0.000001 0.000007 -0.088 0.930

L29.Conduct 0.024309 0.093603 0.260 0.795

L29.Water 59.421255 0.658557 90.229 0.000

L29.Temp -12.547472 0.358816 -34.969 0.000

L29.Precip. horaria 0.000007 0.000015 0.443 0.658

L29.Temp. prom aire 0.000004 0.000007 0.648 0.517

L30.Conduct -0.039250 0.076711 -0.512 0.609

L30.Water -44.042399 0.889630 -49.506 0.000

L30.Temp 6.265136 0.125783 49.809 0.000

L30.Precip. horaria -0.000001 0.000015 -0.080 0.936

L30.Temp. prom aire -0.000010 0.000007 -1.570 0.116

L31.Conduct 0.054984 0.092196 0.596 0.551

L31.Water 29.924931 0.842936 35.501 0.000

L31.Temp 0.363257 0.547295 0.664 0.507

L31.Precip. horaria -0.000010 0.000015 -0.690 0.490

L31.Temp. prom aire 0.000009 0.000007 1.424 0.154

L32.Conduct 0.004872 0.079358 0.061 0.951

L32.Water -20.109063 0.461882 -43.537 0.000

L32.Temp -3.488188 1.302162 -2.679 0.007

L32.Precip. horaria -0.000007 0.000015 -0.480 0.631

L32.Temp. prom aire -0.000009 0.000007 -1.331 0.183

L33.Conduct -0.070496 0.050376 -1.399 0.162

L33.Water 14.633972 0.213245 68.625 0.000

L33.Temp 3.221161 1.593180 2.022 0.043

L33.Precip. horaria 0.000013 0.000015 0.895 0.371

L33.Temp. prom aire 0.000003 0.000007 0.491 0.623

L34.Conduct 0.064078 0.070299 0.912 0.362

L34.Water -12.256497 0.384285 -31.894 0.000

L34.Temp -1.563641 1.262135 -1.239 0.215

L34.Precip. horaria -0.000002 0.000015 -0.114 0.909

L34.Temp. prom aire 0.000002 0.000007 0.270 0.787

L35.Conduct -0.040244 0.095297 -0.422 0.673

L35.Water 12.981238 0.469569 27.645 0.000

L35.Temp -0.649926 0.457361 -1.421 0.155

L35.Precip. horaria 0.000001 0.000015 0.092 0.927

L35.Temp. prom aire -0.000002 0.000007 -0.364 0.716

L36.Conduct 0.074193 0.078585 0.944 0.345

L36.Water -17.041210 0.167792 -101.562 0.000

L36.Temp 2.796316 NAN NAN NAN

L36.Precip. horaria -0.000012 0.000015 -0.785 0.432

L36.Temp. prom aire 0.000001 0.000007 0.195 0.845

L37.Conduct -0.105482 0.051855 -2.034 0.042

L37.Water 21.913355 0.538102 40.723 0.000

L37.Temp -3.716018 0.216873 -17.135 0.000

L37.Precip. horaria -0.000003 0.000015 -0.208 0.836

L37.Temp. prom aire 0.000002 0.000007 0.369 0.712

L38.Conduct 0.050088 0.064128 0.781 0.435

L38.Water -23.519645 0.712048 -33.031 0.000

L38.Temp 3.895409 NAN NAN NAN

L38.Precip. horaria -0.000001 0.000015 -0.040 0.968

L38.Temp. prom aire -0.000006 0.000007 -0.916 0.360

L39.Conduct 0.039466 0.090675 0.435 0.663

L39.Water 20.284266 0.495576 40.931 0.000

L39.Temp -4.924650 NAN NAN NAN

L39.Precip. horaria -0.000000 0.000015 -0.011 0.991

L39.Temp. prom aire 0.000008 0.000007 1.138 0.255

L40.Conduct -0.050822 0.077717 -0.654 0.513

L40.Water -13.820559 0.474131 -29.149 0.000

L40.Temp 5.951801 NAN NAN NAN

L40.Precip. horaria -0.000006 0.000015 -0.439 0.661

L40.Temp. prom aire -0.000004 0.000007 -0.607 0.544

L41.Conduct 0.027972 0.064520 0.434 0.665

L41.Water 6.366695 0.548879 11.599 0.000

L41.Temp -5.272107 0.457342 -11.528 0.000

L41.Precip. horaria -0.000001 0.000015 -0.075 0.940

L41.Temp. prom aire -0.000002 0.000007 -0.280 0.780

L42.Conduct -0.044624 0.094957 -0.470 0.638

L42.Water 0.201515 0.537322 0.375 0.708

L42.Temp 2.998816 NAN NAN NAN

L42.Precip. horaria 0.000008 0.000015 0.517 0.605

L42.Temp. prom aire 0.000008 0.000007 1.143 0.253

L43.Conduct 0.029458 0.126200 0.233 0.815

L43.Water -3.973830 0.504224 -7.881 0.000

L43.Temp -0.662982 NAN NAN NAN

L43.Precip. horaria 0.000014 0.000015 0.918 0.359

L43.Temp. prom aire -0.000007 0.000007 -1.048 0.294

L44.Conduct -0.001978 0.136036 -0.015 0.988

L44.Water 4.046100 0.365211 11.079 0.000

L44.Temp 0.517346 NAN NAN NAN

L44.Precip. horaria -0.000013 0.000015 -0.856 0.392

L44.Temp. prom aire -0.000001 0.000007 -0.211 0.833

L45.Conduct 0.024481 0.120538 0.203 0.839

L45.Water -1.786659 0.426016 -4.194 0.000

L45.Temp -2.769505 0.550439 -5.031 0.000

L45.Precip. horaria 0.000010 0.000015 0.652 0.514

L45.Temp. prom aire 0.000003 0.000007 0.463 0.643

L46.Conduct -0.015326 0.078906 -0.194 0.846

L46.Water -0.159897 0.423559 -0.378 0.706

L46.Temp 4.121771 0.985928 4.181 0.000

L46.Precip. horaria -0.000022 0.000015 -1.469 0.142

L46.Temp. prom aire -0.000002 0.000007 -0.292 0.771

L47.Conduct -0.019050 0.038579 -0.494 0.621

L47.Water 0.522071 0.267307 1.953 0.051

L47.Temp -2.646217 0.607546 -4.356 0.000

L47.Precip. horaria -0.000008 0.000015 -0.561 0.574

L47.Temp. prom aire -0.000002 0.000006 -0.288 0.773

L48.Conduct 0.012633 0.009367 1.349 0.177

L48.Water -0.161605 0.069081 -2.339 0.019

L48.Temp 0.647496 0.140401 4.612 0.000

L48.Precip. horaria 0.000009 0.000013 0.668 0.504

L48.Temp. prom aire 0.000007 0.000004 1.898 0.058

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000007 0.000003 2.570 0.010

L1.Conduct 0.012925 0.000636 20.314 0.000

L1.Water 5.377477 0.008678 619.672 0.000

L1.Temp -0.109599 0.001375 -79.705 0.000

L1.Precip. horaria 0.000001 0.000001 0.776 0.438

L1.Temp. prom aire -0.000000 0.000000 -0.320 0.749

L2.Conduct -0.069846 0.001869 -37.379 0.000

L2.Water -12.671015 0.038155 -332.097 0.000

L2.Temp 0.487974 0.004253 114.745 0.000

L2.Precip. horaria -0.000002 0.000001 -1.994 0.046

L2.Temp. prom aire -0.000000 0.000000 -0.984 0.325

L3.Conduct 0.164560 NAN NAN NAN

L3.Water 17.726751 0.071053 249.485 0.000

L3.Temp -0.920768 0.003401 -270.723 0.000

L3.Precip. horaria 0.000003 0.000001 2.759 0.006

L3.Temp. prom aire 0.000000 0.000000 1.091 0.275

L4.Conduct -0.232153 NAN NAN NAN

L4.Water -17.426348 0.080603 -216.200 0.000

L4.Temp 1.039648 NAN NAN NAN

L4.Precip. horaria -0.000000 0.000001 -0.407 0.684

L4.Temp. prom aire 0.000000 0.000000 0.053 0.957

L5.Conduct 0.242444 0.003392 71.467 0.000

L5.Water 13.901518 0.063503 218.912 0.000

L5.Temp -0.912132 0.006680 -136.551 0.000

L5.Precip. horaria -0.000003 0.000001 -3.018 0.003

L5.Temp. prom aire -0.000000 0.000000 -0.576 0.565

L6.Conduct -0.225933 0.004133 -54.662 0.000

L6.Water -9.781199 0.040590 -240.975 0.000

L6.Temp 0.738093 0.008242 89.556 0.000

L6.Precip. horaria 0.000001 0.000001 1.108 0.268

L6.Temp. prom aire 0.000000 0.000000 0.831 0.406

L7.Conduct 0.192040 0.002901 66.209 0.000

L7.Water 6.111358 0.067281 90.833 0.000

L7.Temp -0.539895 0.008195 -65.878 0.000

L7.Precip. horaria 0.000001 0.000001 0.600 0.548

L7.Temp. prom aire -0.000000 0.000000 -0.749 0.454

L8.Conduct -0.129107 0.002714 -47.577 0.000

L8.Water -3.591933 0.079863 -44.976 0.000

L8.Temp 0.342549 0.008307 41.234 0.000

L8.Precip. horaria -0.000002 0.000001 -2.438 0.015

L8.Temp. prom aire 0.000001 0.000000 1.574 0.116

L9.Conduct 0.047382 0.002984 15.881 0.000

L9.Water 2.576542 0.075525 34.115 0.000

L9.Temp -0.175481 0.008109 -21.641 0.000

L9.Precip. horaria 0.000002 0.000001 2.093 0.036

L9.Temp. prom aire -0.000001 0.000000 -1.957 0.050

L10.Conduct 0.040739 0.003640 11.191 0.000

L10.Water -2.959345 0.056029 -52.818 0.000

L10.Temp 0.048786 0.007957 6.131 0.000

L10.Precip. horaria -0.000001 0.000001 -0.991 0.322

L10.Temp. prom aire 0.000000 0.000000 0.681 0.496

L11.Conduct -0.123116 0.005929 -20.767 0.000

L11.Water 4.288525 0.062230 68.914 0.000

L11.Temp 0.026898 0.009176 2.931 0.003

L11.Precip. horaria -0.000003 0.000001 -2.699 0.007

L11.Temp. prom aire -0.000000 0.000000 -0.152 0.880

L12.Conduct 0.171524 0.006696 25.617 0.000

L12.Water -5.741426 0.071314 -80.509 0.000

L12.Temp -0.046195 0.009720 -4.752 0.000

L12.Precip. horaria 0.000002 0.000001 1.620 0.105

L12.Temp. prom aire 0.000000 0.000000 0.773 0.440

L13.Conduct -0.175103 0.006841 -25.597 0.000

L13.Water 6.596945 0.085203 77.426 0.000

L13.Temp 0.017486 0.009618 1.818 0.069

L13.Precip. horaria 0.000000 0.000001 0.043 0.966

L13.Temp. prom aire -0.000000 0.000000 -0.248 0.804

L14.Conduct 0.150678 0.006008 25.081 0.000

L14.Water -6.546233 0.067974 -96.304 0.000

L14.Temp 0.021113 0.009421 2.241 0.025

L14.Precip. horaria -0.000001 0.000001 -0.772 0.440

L14.Temp. prom aire -0.000000 0.000000 -0.402 0.688

L15.Conduct -0.105184 0.005090 -20.667 0.000

L15.Water 5.513346 0.050396 109.400 0.000

L15.Temp -0.052774 0.008532 -6.186 0.000

L15.Precip. horaria 0.000002 0.000001 2.272 0.023

L15.Temp. prom aire -0.000000 0.000000 -0.081 0.936

L16.Conduct 0.045357 0.004695 9.662 0.000

L16.Water -3.792982 0.062397 -60.788 0.000

L16.Temp 0.078504 0.007796 10.070 0.000

L16.Precip. horaria 0.000000 0.000001 0.286 0.775

L16.Temp. prom aire 0.000000 0.000000 0.468 0.640

L17.Conduct -0.000131 0.004735 -0.028 0.978

L17.Water 2.115932 0.064634 32.737 0.000

L17.Temp -0.082473 0.007862 -10.490 0.000

L17.Precip. horaria 0.000000 0.000001 0.419 0.675

L17.Temp. prom aire -0.000000 0.000000 -0.285 0.775

L18.Conduct -0.010327 0.004133 -2.499 0.012

L18.Water -1.007731 0.065685 -15.342 0.000

L18.Temp 0.056474 0.008053 7.013 0.000

L18.Precip. horaria -0.000001 0.000001 -0.800 0.424

L18.Temp. prom aire -0.000000 0.000000 -0.652 0.514

L19.Conduct -0.005206 0.007049 -0.739 0.460

L19.Water 0.527334 0.041886 12.590 0.000

L19.Temp -0.011897 0.011744 -1.013 0.311

L19.Precip. horaria -0.000002 0.000001 -1.553 0.120

L19.Temp. prom aire 0.000000 0.000000 0.821 0.412

L20.Conduct 0.026187 0.008550 3.063 0.002

L20.Water -0.631578 0.064299 -9.822 0.000

L20.Temp -0.018695 0.012283 -1.522 0.128

L20.Precip. horaria 0.000005 0.000001 4.776 0.000

L20.Temp. prom aire -0.000000 0.000000 -0.312 0.755

L21.Conduct -0.038116 0.006450 -5.910 0.000

L21.Water 1.172001 0.061575 19.034 0.000

L21.Temp 0.015980 0.009904 1.613 0.107

L21.Precip. horaria 0.000001 0.000001 0.583 0.560

L21.Temp. prom aire 0.000000 0.000000 0.239 0.811

L22.Conduct 0.035532 0.005567 6.383 0.000

L22.Water -2.087675 0.046903 -44.511 0.000

L22.Temp 0.019042 0.009473 2.010 0.044

L22.Precip. horaria -0.000005 0.000001 -4.653 0.000

L22.Temp. prom aire -0.000000 0.000000 -0.402 0.688

L23.Conduct -0.016763 0.006696 -2.504 0.012

L23.Water 3.327944 0.032161 103.479 0.000

L23.Temp -0.113314 0.019459 -5.823 0.000

L23.Precip. horaria -0.000001 0.000001 -0.724 0.469

L23.Temp. prom aire 0.000000 0.000000 0.402 0.688

L24.Conduct -0.005967 0.009142 -0.653 0.514

L24.Water -4.485953 0.039278 -114.210 0.000

L24.Temp 0.183901 0.055076 3.339 0.001

L24.Precip. horaria -0.000001 0.000001 -1.017 0.309

L24.Temp. prom aire -0.000000 0.000000 -0.368 0.713

L25.Conduct 0.010180 0.007055 1.443 0.149

L25.Water 5.978830 0.033694 177.444 0.000

L25.Temp -0.121899 0.079501 -1.533 0.125

L25.Precip. horaria 0.000005 0.000001 4.897 0.000

L25.Temp. prom aire -0.000000 0.000000 -0.192 0.848

L26.Conduct -0.000940 0.005916 -0.159 0.874

L26.Water -8.499725 0.045553 -186.589 0.000

L26.Temp 0.160496 0.078483 2.045 0.041

L26.Precip. horaria -0.000004 0.000001 -3.704 0.000

L26.Temp. prom aire 0.000000 0.000000 0.907 0.365

L27.Conduct 0.001328 0.007171 0.185 0.853

L27.Water 10.590551 0.043502 243.449 0.000

L27.Temp -0.475350 0.052701 -9.020 0.000

L27.Precip. horaria -0.000002 0.000001 -1.865 0.062

L27.Temp. prom aire -0.000000 0.000000 -0.603 0.547

L28.Conduct -0.007223 0.008596 -0.840 0.401

L28.Water -10.446443 0.047132 -221.642 0.000

L28.Temp 0.739479 0.032279 22.909 0.000

L28.Precip. horaria -0.000001 0.000001 -1.139 0.255

L28.Temp. prom aire -0.000000 0.000000 -0.709 0.478

L29.Conduct 0.007282 0.006310 1.154 0.249

L29.Water 8.576270 0.044397 193.174 0.000

L29.Temp -0.659776 0.024190 -27.275 0.000

L29.Precip. horaria 0.000004 0.000001 3.648 0.000

L29.Temp. prom aire 0.000000 0.000000 1.112 0.266

L30.Conduct -0.008597 0.005171 -1.662 0.096

L30.Water -6.323535 0.059975 -105.437 0.000

L30.Temp 0.331648 0.008480 39.111 0.000

L30.Precip. horaria 0.000000 0.000001 0.265 0.791

L30.Temp. prom aire -0.000001 0.000000 -1.381 0.167

L31.Conduct 0.009479 0.006215 1.525 0.127

L31.Water 4.411009 0.056827 77.622 0.000

L31.Temp 0.006871 0.036896 0.186 0.852

L31.Precip. horaria -0.000002 0.000001 -2.144 0.032

L31.Temp. prom aire 0.000001 0.000000 1.415 0.157

L32.Conduct -0.001817 0.005350 -0.340 0.734

L32.Water -3.163900 0.031138 -101.610 0.000

L32.Temp -0.206100 0.087785 -2.348 0.019

L32.Precip. horaria -0.000001 0.000001 -1.059 0.290

L32.Temp. prom aire -0.000001 0.000000 -1.583 0.113

L33.Conduct -0.003912 0.003396 -1.152 0.249

L33.Water 2.526862 0.014376 175.770 0.000

L33.Temp 0.290883 0.107404 2.708 0.007

L33.Precip. horaria 0.000001 0.000001 1.152 0.249

L33.Temp. prom aire 0.000000 0.000000 1.011 0.312

L34.Conduct -0.000840 0.004739 -0.177 0.859

L34.Water -2.328809 0.025907 -89.892 0.000

L34.Temp -0.345846 0.085087 -4.065 0.000

L34.Precip. horaria -0.000001 0.000001 -1.192 0.233

L34.Temp. prom aire 0.000000 0.000000 0.119 0.905

L35.Conduct 0.003237 0.006424 0.504 0.614

L35.Water 2.636829 0.031656 83.296 0.000

L35.Temp 0.369698 0.030833 11.990 0.000

L35.Precip. horaria 0.000004 0.000001 3.594 0.000

L35.Temp. prom aire -0.000000 0.000000 -0.301 0.764

L36.Conduct 0.003740 0.005298 0.706 0.480

L36.Water -3.390705 0.011312 -299.752 0.000

L36.Temp -0.309071 NAN NAN NAN

L36.Precip. horaria -0.000005 0.000001 -4.642 0.000

L36.Temp. prom aire -0.000000 0.000000 -0.238 0.812

L37.Conduct -0.007242 0.003496 -2.072 0.038

L37.Water 4.062686 0.036276 111.993 0.000

L37.Temp 0.136215 0.014621 9.317 0.000

L37.Precip. horaria 0.000000 0.000001 0.469 0.639

L37.Temp. prom aire 0.000000 0.000000 0.687 0.492

L38.Conduct 0.000287 0.004323 0.066 0.947

L38.Water -4.046768 0.048003 -84.303 0.000

L38.Temp 0.119269 NAN NAN NAN

L38.Precip. horaria 0.000000 0.000001 0.154 0.877

L38.Temp. prom aire -0.000000 0.000000 -0.990 0.322

L39.Conduct 0.008240 0.006113 1.348 0.178

L39.Water 3.171568 0.033409 94.931 0.000

L39.Temp -0.326456 NAN NAN NAN

L39.Precip. horaria -0.000001 0.000001 -1.225 0.221

L39.Temp. prom aire 0.000001 0.000000 1.293 0.196

L40.Conduct -0.009297 0.005239 -1.775 0.076

L40.Water -1.751961 0.031964 -54.811 0.000

L40.Temp 0.360171 NAN NAN NAN

L40.Precip. horaria 0.000001 0.000001 0.843 0.399

L40.Temp. prom aire -0.000001 0.000000 -1.376 0.169

L41.Conduct 0.004788 0.004350 1.101 0.271

L41.Water 0.299336 0.037003 8.090 0.000

L41.Temp -0.280712 0.030832 -9.105 0.000

L41.Precip. horaria -0.000001 0.000001 -0.794 0.427

L41.Temp. prom aire 0.000000 0.000000 0.598 0.550

L42.Conduct -0.003458 0.006402 -0.540 0.589

L42.Water 0.829348 0.036224 22.895 0.000

L42.Temp 0.185405 NAN NAN NAN

L42.Precip. horaria 0.000001 0.000001 0.800 0.424

L42.Temp. prom aire 0.000000 0.000000 0.977 0.329

L43.Conduct 0.005833 0.008508 0.686 0.493

L43.Water -1.431164 0.033992 -42.103 0.000

L43.Temp -0.053684 NAN NAN NAN

L43.Precip. horaria 0.000004 0.000001 3.935 0.000

L43.Temp. prom aire -0.000001 0.000000 -1.127 0.260

L44.Conduct -0.003568 0.009171 -0.389 0.697

L44.Water 1.296722 0.024621 52.668 0.000

L44.Temp -0.065703 NAN NAN NAN

L44.Precip. horaria -0.000004 0.000001 -3.957 0.000

L44.Temp. prom aire -0.000000 0.000000 -0.217 0.828

L45.Conduct -0.004313 0.008126 -0.531 0.596

L45.Water -0.597630 0.028720 -20.809 0.000

L45.Temp 0.050377 0.037108 1.358 0.175

L45.Precip. horaria 0.000004 0.000001 3.911 0.000

L45.Temp. prom aire 0.000000 0.000000 0.580 0.562

L46.Conduct 0.008762 0.005319 1.647 0.100

L46.Water 0.017629 0.028554 0.617 0.537

L46.Temp 0.039346 0.066466 0.592 0.554

L46.Precip. horaria 0.000000 0.000001 0.450 0.652

L46.Temp. prom aire 0.000000 0.000000 0.309 0.757

L47.Conduct -0.005742 0.002601 -2.208 0.027

L47.Water 0.099291 0.018021 5.510 0.000

L47.Temp -0.055841 0.040958 -1.363 0.173

L47.Precip. horaria -0.000001 0.000001 -0.624 0.533

L47.Temp. prom aire -0.000000 0.000000 -0.609 0.543

L48.Conduct 0.001377 0.000632 2.181 0.029

L48.Water -0.028544 0.004657 -6.129 0.000

L48.Temp 0.017358 0.009465 1.834 0.067

L48.Precip. horaria -0.000001 0.000001 -0.762 0.446

L48.Temp. prom aire 0.000000 0.000000 1.174 0.241

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000005 0.000022 0.203 0.839

L1.Conduct -0.045842 0.005074 -9.034 0.000

L1.Water 0.755449 0.069210 10.915 0.000

L1.Temp 3.084064 0.010967 281.225 0.000

L1.Precip. horaria 0.000003 0.000007 0.399 0.690

L1.Temp. prom aire -0.000002 0.000002 -1.024 0.306

L2.Conduct 0.191135 0.014903 12.825 0.000

L2.Water -3.476189 0.304296 -11.424 0.000

L2.Temp -2.965021 0.033917 -87.421 0.000

L2.Precip. horaria 0.000000 0.000008 0.052 0.958

L2.Temp. prom aire -0.000005 0.000003 -1.393 0.164

L3.Conduct -0.325105 NAN NAN NAN

L3.Water 6.812864 0.566677 12.022 0.000

L3.Temp 0.678262 0.027125 25.005 0.000

L3.Precip. horaria 0.000002 0.000008 0.235 0.814

L3.Temp. prom aire 0.000003 0.000004 0.713 0.476

L4.Conduct 0.305659 NAN NAN NAN

L4.Water -7.857067 0.642839 -12.222 0.000

L4.Temp 0.054564 NAN NAN NAN

L4.Precip. horaria -0.000000 0.000008 -0.032 0.975

L4.Temp. prom aire 0.000002 0.000004 0.621 0.535

L5.Conduct -0.194755 0.027056 -7.198 0.000

L5.Water 6.612848 0.506457 13.057 0.000

L5.Temp 0.146332 0.053274 2.747 0.006

L5.Precip. horaria 0.000000 0.000008 0.062 0.950

L5.Temp. prom aire -0.000001 0.000004 -0.288 0.773

L6.Conduct 0.094764 0.032964 2.875 0.004

L6.Water -4.755336 0.323721 -14.690 0.000

L6.Temp 0.080631 0.065731 1.227 0.220

L6.Precip. horaria 0.000003 0.000008 0.315 0.753

L6.Temp. prom aire 0.000005 0.000004 1.516 0.130

L7.Conduct -0.033893 0.023133 -1.465 0.143

L7.Water 2.981651 0.536590 5.557 0.000

L7.Temp -0.058366 0.065361 -0.893 0.372

L7.Precip. horaria 0.000001 0.000008 0.077 0.939

L7.Temp. prom aire -0.000005 0.000004 -1.278 0.201

L8.Conduct 0.029880 0.021642 1.381 0.167

L8.Water -1.745675 0.636933 -2.741 0.006

L8.Temp 0.018088 0.066254 0.273 0.785

L8.Precip. horaria -0.000000 0.000008 -0.040 0.968

L8.Temp. prom aire 0.000004 0.000004 1.251 0.211

L9.Conduct -0.059704 0.023796 -2.509 0.012

L9.Water 1.287120 0.602339 2.137 0.033

L9.Temp 0.022223 0.064669 0.344 0.731

L9.Precip. horaria 0.000000 0.000008 0.053 0.958

L9.Temp. prom aire -0.000003 0.000004 -0.802 0.423

L10.Conduct 0.074984 0.029034 2.583 0.010

L10.Water -1.318885 0.446855 -2.951 0.003

L10.Temp -0.081695 0.063461 -1.287 0.198

L10.Precip. horaria -0.000001 0.000008 -0.092 0.927

L10.Temp. prom aire -0.000000 0.000004 -0.088 0.930

L11.Conduct -0.046079 0.047283 -0.975 0.330

L11.Water 1.446198 0.496308 2.914 0.004

L11.Temp 0.004321 0.073183 0.059 0.953

L11.Precip. horaria -0.000000 0.000008 -0.060 0.952

L11.Temp. prom aire 0.000003 0.000004 0.955 0.339

L12.Conduct -0.019247 0.053401 -0.360 0.719

L12.Water -1.450116 0.568758 -2.550 0.011

L12.Temp 0.072291 0.077522 0.933 0.351

L12.Precip. horaria 0.000001 0.000008 0.128 0.898

L12.Temp. prom aire -0.000003 0.000004 -0.981 0.326

L13.Conduct 0.073033 0.054558 1.339 0.181

L13.Water 1.397885 0.679524 2.057 0.040

L13.Temp -0.165071 0.076704 -2.152 0.031

L13.Precip. horaria -0.000001 0.000008 -0.116 0.907

L13.Temp. prom aire 0.000004 0.000004 1.120 0.263

L14.Conduct -0.077502 0.047913 -1.618 0.106

L14.Water -1.376476 0.542121 -2.539 0.011

L14.Temp 0.173164 0.075135 2.305 0.021

L14.Precip. horaria 0.000000 0.000008 0.054 0.957

L14.Temp. prom aire -0.000003 0.000004 -0.970 0.332

L15.Conduct 0.036401 0.040591 0.897 0.370

L15.Water 1.325899 0.401928 3.299 0.001

L15.Temp -0.100053 0.068043 -1.470 0.141

L15.Precip. horaria 0.000000 0.000008 0.050 0.960

L15.Temp. prom aire -0.000001 0.000004 -0.220 0.826

L16.Conduct -0.001010 0.037441 -0.027 0.978

L16.Water -1.025929 0.497641 -2.062 0.039

L16.Temp 0.050164 0.062172 0.807 0.420

L16.Precip. horaria -0.000001 0.000008 -0.175 0.861

L16.Temp. prom aire 0.000000 0.000004 0.066 0.947

L17.Conduct 0.017139 0.037765 0.454 0.650

L17.Water 0.345070 0.515484 0.669 0.503

L17.Temp -0.034369 0.062700 -0.548 0.584

L17.Precip. horaria -0.000002 0.000008 -0.201 0.841

L17.Temp. prom aire 0.000000 0.000004 0.065 0.948

L18.Conduct -0.041188 0.032959 -1.250 0.211

L18.Water 0.301218 0.523863 0.575 0.565

L18.Temp 0.053274 0.064227 0.829 0.407

L18.Precip. horaria -0.000002 0.000008 -0.303 0.762

L18.Temp. prom aire 0.000000 0.000004 0.018 0.986

L19.Conduct 0.008920 0.056215 0.159 0.874

L19.Water -0.443643 0.334060 -1.328 0.184

L19.Temp 0.000495 0.093666 0.005 0.996

L19.Precip. horaria -0.000003 0.000008 -0.338 0.735

L19.Temp. prom aire 0.000001 0.000004 0.309 0.758

L20.Conduct 0.060563 0.068191 0.888 0.374

L20.Water 0.205491 0.512809 0.401 0.689

L20.Temp -0.102378 0.097961 -1.045 0.296

L20.Precip. horaria -0.000000 0.000008 -0.055 0.956

L20.Temp. prom aire 0.000001 0.000004 0.223 0.823

L21.Conduct -0.117713 0.051437 -2.288 0.022

L21.Water 0.094122 0.491086 0.192 0.848

L21.Temp 0.172573 0.078992 2.185 0.029

L21.Precip. horaria -0.000004 0.000008 -0.495 0.621

L21.Temp. prom aire 0.000001 0.000004 0.272 0.786

L22.Conduct 0.147053 0.044397 3.312 0.001

L22.Water -0.354104 0.374065 -0.947 0.344

L22.Temp -0.211024 0.075554 -2.793 0.005

L22.Precip. horaria -0.000004 0.000008 -0.513 0.608

L22.Temp. prom aire -0.000001 0.000004 -0.321 0.748

L23.Conduct -0.146986 0.053401 -2.753 0.006

L23.Water 0.585349 0.256492 2.282 0.022

L23.Temp -0.551927 0.155194 -3.556 0.000

L23.Precip. horaria -0.000001 0.000008 -0.103 0.918

L23.Temp. prom aire 0.000001 0.000004 0.366 0.714

L24.Conduct 0.099127 0.072913 1.360 0.174

L24.Water -0.558160 0.313258 -1.782 0.075

L24.Temp 1.703059 0.439251 3.877 0.000

L24.Precip. horaria -0.000001 0.000008 -0.180 0.857

L24.Temp. prom aire -0.000001 0.000004 -0.195 0.845

L25.Conduct -0.022889 0.056270 -0.407 0.684

L25.Water 0.354056 0.268723 1.318 0.188

L25.Temp -1.142866 0.634050 -1.802 0.071

L25.Precip. horaria -0.000002 0.000008 -0.198 0.843

L25.Temp. prom aire 0.000002 0.000004 0.486 0.627

L26.Conduct 0.000278 0.047183 0.006 0.995

L26.Water -0.974159 0.363303 -2.681 0.007

L26.Temp 0.321159 0.625935 0.513 0.608

L26.Precip. horaria -0.000002 0.000008 -0.262 0.794

L26.Temp. prom aire 0.000001 0.000004 0.184 0.854

L27.Conduct -0.022469 0.057193 -0.393 0.694

L27.Water 2.353988 0.346946 6.785 0.000

L27.Temp -1.671503 0.420310 -3.977 0.000

L27.Precip. horaria -0.000001 0.000008 -0.091 0.927

L27.Temp. prom aire -0.000001 0.000004 -0.400 0.689

L28.Conduct 0.010357 0.068554 0.151 0.880

L28.Water -2.969156 0.375895 -7.899 0.000

L28.Temp 3.435975 0.257437 13.347 0.000

L28.Precip. horaria -0.000001 0.000008 -0.074 0.941

L28.Temp. prom aire -0.000001 0.000004 -0.219 0.827

L29.Conduct 0.015000 0.050326 0.298 0.766

L29.Water 2.579390 0.354080 7.285 0.000

L29.Temp -3.743340 0.192921 -19.403 0.000

L29.Precip. horaria 0.000000 0.000008 0.035 0.972

L29.Temp. prom aire 0.000000 0.000004 0.119 0.905

L30.Conduct -0.012781 0.041244 -0.310 0.757

L30.Water -2.020162 0.478319 -4.223 0.000

L30.Temp 2.792573 0.067628 41.293 0.000

L30.Precip. horaria -0.000002 0.000008 -0.269 0.788

L30.Temp. prom aire -0.000003 0.000004 -0.868 0.386

L31.Conduct 0.002023 0.049570 0.041 0.967

L31.Water 1.494881 0.453213 3.298 0.001

L31.Temp -1.584915 0.294259 -5.386 0.000

L31.Precip. horaria -0.000003 0.000008 -0.315 0.753

L31.Temp. prom aire 0.000000 0.000004 0.051 0.960

L32.Conduct 0.001920 0.042668 0.045 0.964

L32.Water -0.988644 0.248336 -3.981 0.000

L32.Temp 1.050410 0.700121 1.500 0.134

L32.Precip. horaria -0.000000 0.000008 -0.006 0.995

L32.Temp. prom aire 0.000000 0.000004 0.098 0.922

L33.Conduct 0.001894 0.027085 0.070 0.944

L33.Water 0.618283 0.114653 5.393 0.000

L33.Temp -1.086960 0.856590 -1.269 0.204

L33.Precip. horaria 0.000000 0.000008 0.047 0.962

L33.Temp. prom aire -0.000002 0.000004 -0.484 0.628

L34.Conduct -0.010732 0.037797 -0.284 0.776

L34.Water -0.393478 0.206615 -1.904 0.057

L34.Temp 1.398600 0.678600 2.061 0.039

L34.Precip. horaria -0.000000 0.000008 -0.016 0.988

L34.Temp. prom aire 0.000003 0.000004 0.854 0.393

L35.Conduct 0.012842 0.051237 0.251 0.802

L35.Water 0.333070 0.252469 1.319 0.187

L35.Temp -1.859616 0.245905 -7.562 0.000

L35.Precip. horaria 0.000001 0.000008 0.132 0.895

L35.Temp. prom aire -0.000003 0.000004 -0.847 0.397

L36.Conduct 0.005739 0.042252 0.136 0.892

L36.Water -0.575815 0.090215 -6.383 0.000

L36.Temp 2.233979 NAN NAN NAN

L36.Precip. horaria -0.000003 0.000008 -0.400 0.689

L36.Temp. prom aire 0.000001 0.000004 0.395 0.693

L37.Conduct -0.023760 0.027880 -0.852 0.394

L37.Water 0.998772 0.289316 3.452 0.001

L37.Temp -2.179086 0.116604 -18.688 0.000

L37.Precip. horaria 0.000001 0.000008 0.132 0.895

L37.Temp. prom aire -0.000001 0.000004 -0.164 0.869

L38.Conduct 0.005042 0.034479 0.146 0.884

L38.Water -1.134790 0.382840 -2.964 0.003

L38.Temp 1.688402 NAN NAN NAN

L38.Precip. horaria -0.000001 0.000008 -0.147 0.883

L38.Temp. prom aire 0.000001 0.000004 0.228 0.819

L39.Conduct 0.020383 0.048752 0.418 0.676

L39.Water 0.901669 0.266452 3.384 0.001

L39.Temp -1.443133 NAN NAN NAN

L39.Precip. horaria -0.000001 0.000008 -0.184 0.854

L39.Temp. prom aire 0.000001 0.000004 0.282 0.778

L40.Conduct -0.012256 0.041785 -0.293 0.769

L40.Water -0.542443 0.254921 -2.128 0.033

L40.Temp 1.616252 NAN NAN NAN

L40.Precip. horaria -0.000000 0.000008 -0.016 0.987

L40.Temp. prom aire -0.000000 0.000004 -0.009 0.993

L41.Conduct -0.001706 0.034690 -0.049 0.961

L41.Water 0.046588 0.295110 0.158 0.875

L41.Temp -1.676187 0.245895 -6.817 0.000

L41.Precip. horaria -0.000002 0.000008 -0.229 0.819

L41.Temp. prom aire -0.000000 0.000004 -0.094 0.925

L42.Conduct -0.001685 0.051054 -0.033 0.974

L42.Water 0.542585 0.288897 1.878 0.060

L42.Temp 1.384461 NAN NAN NAN

L42.Precip. horaria -0.000001 0.000008 -0.186 0.852

L42.Temp. prom aire -0.000001 0.000004 -0.149 0.881

L43.Conduct 0.006960 0.067853 0.103 0.918

L43.Water -0.984221 0.271101 -3.630 0.000

L43.Temp -1.067797 NAN NAN NAN

L43.Precip. horaria -0.000001 0.000008 -0.178 0.859

L43.Temp. prom aire -0.000001 0.000004 -0.277 0.782

L44.Conduct -0.006570 0.073141 -0.090 0.928

L44.Water 1.171022 0.196359 5.964 0.000

L44.Temp 1.422616 NAN NAN NAN

L44.Precip. horaria -0.000004 0.000008 -0.456 0.649

L44.Temp. prom aire -0.000001 0.000004 -0.175 0.861

L45.Conduct -0.000211 0.064809 -0.003 0.997

L45.Water -1.046845 0.229052 -4.570 0.000

L45.Temp -2.422727 0.295949 -8.186 0.000

L45.Precip. horaria -0.000001 0.000008 -0.175 0.861

L45.Temp. prom aire -0.000001 0.000004 -0.186 0.852

L46.Conduct 0.009893 0.042425 0.233 0.816

L46.Water 0.626559 0.227731 2.751 0.006

L46.Temp 2.709441 0.530094 5.111 0.000

L46.Precip. horaria -0.000003 0.000008 -0.380 0.704

L46.Temp. prom aire 0.000001 0.000004 0.229 0.819

L47.Conduct -0.009951 0.020743 -0.480 0.631

L47.Water -0.207687 0.143720 -1.445 0.148

L47.Temp -1.603972 0.326653 -4.910 0.000

L47.Precip. horaria -0.000003 0.000008 -0.426 0.670

L47.Temp. prom aire -0.000001 0.000003 -0.394 0.694

L48.Conduct 0.003047 0.005037 0.605 0.545

L48.Water 0.026957 0.037142 0.726 0.468

L48.Temp 0.384633 0.075488 5.095 0.000

L48.Precip. horaria 0.000000 0.000007 0.026 0.979

L48.Temp. prom aire 0.000003 0.000002 1.803 0.071

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.077015 0.030496 -2.525 0.012

L1.Conduct 35.095931 6.900589 5.086 0.000

L1.Water -343.500689 94.119376 -3.650 0.000

L1.Temp -35.228762 14.913553 -2.362 0.018

L1.Precip. horaria 0.567205 0.009352 60.652 0.000

L1.Temp. prom aire -0.002472 0.002606 -0.948 0.343

L2.Conduct -123.894513 20.266689 -6.113 0.000

L2.Water 1076.614650 413.816952 2.602 0.009

L2.Temp 134.183585 46.123783 2.909 0.004

L2.Precip. horaria 0.147465 0.010724 13.751 0.000

L2.Temp. prom aire 0.007480 0.004572 1.636 0.102

L3.Conduct 140.998673 NAN NAN NAN

L3.Water -507.908551 770.631862 -0.659 0.510

L3.Temp -184.248787 36.888197 -4.995 0.000

L3.Precip. horaria 0.010377 0.010839 0.957 0.338

L3.Temp. prom aire -0.004707 0.004822 -0.976 0.329

L4.Conduct -24.074750 NAN NAN NAN

L4.Water -2282.586952 874.205580 -2.611 0.009

L4.Temp 123.175042 NAN NAN NAN

L4.Precip. horaria -0.031751 0.010834 -2.931 0.003

L4.Temp. prom aire 0.002582 0.004824 0.535 0.593

L5.Conduct -45.933172 36.793430 -1.248 0.212

L5.Water 4785.227204 688.738396 6.948 0.000

L5.Temp -116.653157 72.447508 -1.610 0.107

L5.Precip. horaria -0.002718 0.010831 -0.251 0.802

L5.Temp. prom aire -0.004069 0.004824 -0.843 0.399

L6.Conduct -28.561130 44.828290 -0.637 0.524

L6.Water -4722.942119 440.233140 -10.728 0.000

L6.Temp 225.320909 89.388253 2.521 0.012

L6.Precip. horaria 0.014055 0.010847 1.296 0.195

L6.Temp. prom aire 0.003895 0.004828 0.807 0.420

L7.Conduct 125.276546 31.458357 3.982 0.000

L7.Water 3256.068155 729.716380 4.462 0.000

L7.Temp -314.420020 88.884870 -3.537 0.000

L7.Precip. horaria 0.043868 0.010858 4.040 0.000

L7.Temp. prom aire -0.002848 0.004826 -0.590 0.555

L8.Conduct -132.625505 29.431589 -4.506 0.000

L8.Water -3358.268041 866.173691 -3.877 0.000

L8.Temp 324.416843 90.099981 3.601 0.000

L8.Precip. horaria -0.044944 0.010880 -4.131 0.000

L8.Temp. prom aire 0.004145 0.004828 0.859 0.391

L9.Conduct 19.160492 32.360336 0.592 0.554

L9.Water 7015.984968 819.129395 8.565 0.000

L9.Temp -284.502926 87.944869 -3.235 0.001

L9.Precip. horaria 0.034195 0.010878 3.144 0.002

L9.Temp. prom aire -0.002709 0.004827 -0.561 0.575

L10.Conduct 196.004149 39.483123 4.964 0.000

L10.Water -13241.145998 607.683776 -21.790 0.000

L10.Temp 197.608690 86.301612 2.290 0.022

L10.Precip. horaria 0.042405 0.010866 3.903 0.000

L10.Temp. prom aire 0.003763 0.004830 0.779 0.436

L11.Conduct -460.609283 64.300543 -7.163 0.000

L11.Water 19468.502172 674.935693 28.845 0.000

L11.Temp -32.808481 99.522913 -0.330 0.742

L11.Precip. horaria -0.001820 0.010886 -0.167 0.867

L11.Temp. prom aire -0.002279 0.004831 -0.472 0.637

L12.Conduct 698.640774 72.621190 9.620 0.000

L12.Water -24377.578655 773.461475 -31.518 0.000

L12.Temp -151.057710 105.422834 -1.433 0.152

L12.Precip. horaria 0.028501 0.010853 2.626 0.009

L12.Temp. prom aire -0.003991 0.004830 -0.826 0.409

L13.Conduct -755.151214 74.193734 -10.178 0.000

L13.Water 26702.795425 924.094671 28.896 0.000

L13.Temp 142.277144 104.311206 1.364 0.173

L13.Precip. horaria -0.004842 0.010869 -0.446 0.656

L13.Temp. prom aire 0.003223 0.004828 0.668 0.504

L14.Conduct 538.559176 65.157945 8.265 0.000

L14.Water -24816.540980 737.238298 -33.661 0.000

L14.Temp 125.253573 102.176490 1.226 0.220

L14.Precip. horaria -0.018998 0.010845 -1.752 0.080

L14.Temp. prom aire 0.003470 0.004830 0.718 0.473

L15.Conduct -246.481031 55.200839 -4.465 0.000

L15.Water 20003.349134 546.586841 36.597 0.000

L15.Temp -387.771777 92.532073 -4.191 0.000

L15.Precip. horaria 0.018948 0.010845 1.747 0.081

L15.Temp. prom aire -0.004332 0.004834 -0.896 0.370

L16.Conduct 70.993037 50.916366 1.394 0.163

L16.Water -14386.504716 676.749136 -21.258 0.000

L16.Temp 457.991277 84.548535 5.417 0.000

L16.Precip. horaria -0.022367 0.010842 -2.063 0.039

L16.Temp. prom aire 0.002062 0.004833 0.427 0.670

L17.Conduct -5.584044 51.357262 -0.109 0.913

L17.Water 8587.980435 701.013569 12.251 0.000

L17.Temp -338.848679 85.267201 -3.974 0.000

L17.Precip. horaria 0.009294 0.010830 0.858 0.391

L17.Temp. prom aire 0.000197 0.004832 0.041 0.967

L18.Conduct 163.641626 44.821604 3.651 0.000

L18.Water -6030.007438 712.409049 -8.464 0.000

L18.Temp -22.795757 87.343689 -0.261 0.794

L18.Precip. horaria 0.007505 0.010827 0.693 0.488

L18.Temp. prom aire 0.000469 0.004836 0.097 0.923

L19.Conduct -496.455739 76.447199 -6.494 0.000

L19.Water 9136.818077 454.292941 20.112 0.000

L19.Temp 414.329208 127.378338 3.253 0.001

L19.Precip. horaria -0.011380 0.010811 -1.053 0.292

L19.Temp. prom aire -0.004319 0.004834 -0.893 0.372

L20.Conduct 586.776227 92.734172 6.328 0.000

L20.Water -13178.667573 697.376446 -18.897 0.000

L20.Temp -396.606619 133.218010 -2.977 0.003

L20.Precip. horaria -0.010382 0.010812 -0.960 0.337

L20.Temp. prom aire 0.008128 0.004829 1.683 0.092

L21.Conduct -300.796266 69.950090 -4.300 0.000

L21.Water 14309.418110 667.835090 21.427 0.000

L21.Temp -64.078896 107.422237 -0.597 0.551

L21.Precip. horaria -0.015188 0.010811 -1.405 0.160

L21.Temp. prom aire -0.004237 0.004828 -0.877 0.380

L22.Conduct -126.568553 60.376271 -2.096 0.036

L22.Water -14971.382047 508.696426 -29.431 0.000

L22.Temp 738.727451 102.746247 7.190 0.000

L22.Precip. horaria 0.007024 0.010800 0.650 0.515

L22.Temp. prom aire -0.000326 0.004828 -0.068 0.946

L23.Conduct 456.157897 72.620453 6.281 0.000

L23.Water 16646.630912 348.807176 47.724 0.000

L23.Temp -1452.922317 211.050443 -6.884 0.000

L23.Precip. horaria 0.038141 0.010794 3.534 0.000

L23.Temp. prom aire -0.001066 0.004829 -0.221 0.825

L24.Conduct -469.194023 99.155046 -4.732 0.000

L24.Water -16941.616869 426.003627 -39.769 0.000

L24.Temp 1912.658384 597.344062 3.202 0.001

L24.Precip. horaria -0.011308 0.010805 -1.047 0.295

L24.Temp. prom aire -0.003221 0.004810 -0.670 0.503

L25.Conduct 200.461708 76.521711 2.620 0.009

L25.Water 14738.261792 365.440654 40.330 0.000

L25.Temp -1975.398328 862.253434 -2.291 0.022

L25.Precip. horaria -0.027056 0.010799 -2.505 0.012

L25.Temp. prom aire 0.005131 0.004809 1.067 0.286

L26.Conduct 15.399530 64.165426 0.240 0.810

L26.Water -11506.180312 494.060243 -23.289 0.000

L26.Temp 2003.506462 851.216959 2.354 0.019

L26.Precip. horaria 0.011410 0.010797 1.057 0.291

L26.Temp. prom aire 0.000680 0.004829 0.141 0.888

L27.Conduct -36.187806 77.777224 -0.465 0.642

L27.Water 8003.239139 471.815971 16.963 0.000

L27.Temp -2324.530893 571.585217 -4.067 0.000

L27.Precip. horaria 0.002651 0.010793 0.246 0.806

L27.Temp. prom aire -0.005229 0.004833 -1.082 0.279

L28.Conduct -8.944504 93.227588 -0.096 0.924

L28.Water -3921.132355 511.184217 -7.671 0.000

L28.Temp 2721.763542 350.092746 7.774 0.000

L28.Precip. horaria 0.022942 0.010843 2.116 0.034

L28.Temp. prom aire 0.004620 0.004832 0.956 0.339

L29.Conduct 30.587721 68.439578 0.447 0.655

L29.Water 575.271080 481.518383 1.195 0.232

L29.Temp -2731.623966 262.355783 -10.412 0.000

L29.Precip. horaria -0.017048 0.010824 -1.575 0.115

L29.Temp. prom aire -0.005341 0.004830 -1.106 0.269

L30.Conduct -24.858511 56.088678 -0.443 0.658

L30.Water -216.852041 650.472435 -0.333 0.739

L30.Temp 1973.747820 91.968825 21.461 0.000

L30.Precip. horaria -0.004654 0.010811 -0.430 0.667

L30.Temp. prom aire 0.006918 0.004830 1.432 0.152

L31.Conduct 15.513744 67.411196 0.230 0.818

L31.Water 2636.653208 616.330819 4.278 0.000

L31.Temp -578.914904 400.166364 -1.447 0.148

L31.Precip. horaria 0.010031 0.010819 0.927 0.354

L31.Temp. prom aire -0.004678 0.004837 -0.967 0.333

L32.Conduct -8.170850 58.024343 -0.141 0.888

L32.Water -6281.755919 337.714996 -18.601 0.000

L32.Temp -456.138030 952.104213 -0.479 0.632

L32.Precip. horaria 0.003604 0.010880 0.331 0.740

L32.Temp. prom aire 0.001802 0.004830 0.373 0.709

L33.Conduct -17.486269 36.833837 -0.475 0.635

L33.Water 10583.229505 155.918695 67.877 0.000

L33.Temp 399.995547 1164.887936 0.343 0.731

L33.Precip. horaria 0.000251 0.010867 0.023 0.982

L33.Temp. prom aire -0.005898 0.004831 -1.221 0.222

L34.Conduct 38.497307 51.400369 0.749 0.454

L34.Water -14147.209669 280.978324 -50.350 0.000

L34.Temp 260.025596 922.837576 0.282 0.778

L34.Precip. horaria -0.014408 0.010858 -1.327 0.185

L34.Temp. prom aire 0.005284 0.004830 1.094 0.274

L35.Conduct -20.796111 69.678432 -0.298 0.765

L35.Water 14574.628670 343.335813 42.450 0.000

L35.Temp -872.443112 334.409400 -2.609 0.009

L35.Precip. horaria -0.018728 0.010854 -1.725 0.084

L35.Temp. prom aire -0.004120 0.004831 -0.853 0.394

L36.Conduct -3.522883 57.459297 -0.061 0.951

L36.Water -11806.899306 122.684460 -96.238 0.000

L36.Temp 1144.908592 NAN NAN NAN

L36.Precip. horaria 0.009001 0.010913 0.825 0.410

L36.Temp. prom aire 0.008138 0.004831 1.685 0.092

L37.Conduct 2.753191 37.914935 0.073 0.942

L37.Water 8199.638487 393.444611 20.841 0.000

L37.Temp -847.953041 158.571658 -5.347 0.000

L37.Precip. horaria 0.002085 0.010870 0.192 0.848

L37.Temp. prom aire -0.003936 0.004833 -0.814 0.415

L38.Conduct -9.045145 46.888585 -0.193 0.847

L38.Water -5566.665324 520.629239 -10.692 0.000

L38.Temp 292.565634 NAN NAN NAN

L38.Precip. horaria -0.006782 0.010842 -0.625 0.532

L38.Temp. prom aire 0.000090 0.004833 0.019 0.985

L39.Conduct -3.109042 66.298624 -0.047 0.963

L39.Water 4907.166748 362.351410 13.543 0.000

L39.Temp -67.892903 NAN NAN NAN

L39.Precip. horaria 0.007343 0.010820 0.679 0.497

L39.Temp. prom aire -0.004199 0.004834 -0.869 0.385

L40.Conduct 57.294106 56.824437 1.008 0.313

L40.Water -5647.973319 346.670813 -16.292 0.000

L40.Temp 254.356849 NAN NAN NAN

L40.Precip. horaria -0.011699 0.010806 -1.083 0.279

L40.Temp. prom aire 0.005786 0.004832 1.198 0.231

L41.Conduct -43.755559 47.175068 -0.928 0.354

L41.Water 4657.780997 401.324470 11.606 0.000

L41.Temp -591.548109 334.395655 -1.769 0.077

L41.Precip. horaria -0.003045 0.010831 -0.281 0.779

L41.Temp. prom aire -0.005497 0.004834 -1.137 0.256

L42.Conduct -25.516704 69.429655 -0.368 0.713

L42.Water -1096.625396 392.874868 -2.791 0.005

L42.Temp 812.178650 NAN NAN NAN

L42.Precip. horaria -0.005046 0.010776 -0.468 0.640

L42.Temp. prom aire 0.001289 0.004835 0.267 0.790

L43.Conduct 18.291245 92.273715 0.198 0.843

L43.Water -1557.767475 368.674143 -4.225 0.000

L43.Temp -781.165435 NAN NAN NAN

L43.Precip. horaria 0.005657 0.010790 0.524 0.600

L43.Temp. prom aire 0.004149 0.004830 0.859 0.390

L44.Conduct 18.038583 99.465984 0.181 0.856

L44.Water 1443.501867 267.031568 5.406 0.000

L44.Temp 507.568983 NAN NAN NAN

L44.Precip. horaria 0.013844 0.010816 1.280 0.201

L44.Temp. prom aire -0.002407 0.004829 -0.498 0.618

L45.Conduct -1.889119 88.133977 -0.021 0.983

L45.Water -428.982656 311.490586 -1.377 0.168

L45.Temp -70.989159 402.465268 -0.176 0.860

L45.Precip. horaria 0.014743 0.010880 1.355 0.175

L45.Temp. prom aire -0.004997 0.004830 -1.035 0.301

L46.Conduct -17.973130 57.693772 -0.312 0.755

L46.Water 65.167392 309.694246 0.210 0.833

L46.Temp -240.598931 720.882576 -0.334 0.739

L46.Precip. horaria -0.007946 0.010876 -0.731 0.465

L46.Temp. prom aire 0.007178 0.004827 1.487 0.137

L47.Conduct 10.909770 28.208112 0.387 0.699

L47.Water -64.473435 195.447135 -0.330 0.741

L47.Temp 211.147278 444.220247 0.475 0.635

L47.Precip. horaria 0.012544 0.010673 1.175 0.240

L47.Temp. prom aire -0.001007 0.004585 -0.220 0.826

L48.Conduct -1.866889 6.849209 -0.273 0.785

L48.Water 27.244516 50.510018 0.539 0.590

L48.Temp -56.566359 102.656874 -0.551 0.582

L48.Precip. horaria -0.001180 0.009326 -0.126 0.899

L48.Temp. prom aire -0.001344 0.002615 -0.514 0.607

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.377348 0.109177 3.456 0.001

L1.Conduct 38.497604 24.704202 1.558 0.119

L1.Water -576.524413 336.948653 -1.711 0.087

L1.Temp -66.692006 53.390724 -1.249 0.212

L1.Precip. horaria 0.036105 0.033480 1.078 0.281

L1.Temp. prom aire 1.443778 0.009330 154.747 0.000

L2.Conduct -173.717153 72.555025 -2.394 0.017

L2.Water 2821.918112 1481.470353 1.905 0.057

L2.Temp 108.472467 165.123776 0.657 0.511

L2.Precip. horaria 0.024813 0.038392 0.646 0.518

L2.Temp. prom aire -0.586467 0.016369 -35.827 0.000

L3.Conduct 349.083868 NAN NAN NAN

L3.Water -5690.281654 2758.872613 -2.063 0.039

L3.Temp 76.780116 132.060248 0.581 0.561

L3.Precip. horaria -0.025749 0.038802 -0.664 0.507

L3.Temp. prom aire 0.075419 0.017263 4.369 0.000

L4.Conduct -479.472964 NAN NAN NAN

L4.Water 6676.079439 3129.667938 2.133 0.033

L4.Temp -14.988194 NAN NAN NAN

L4.Precip. horaria -0.005966 0.038787 -0.154 0.878

L4.Temp. prom aire -0.023955 0.017271 -1.387 0.165

L5.Conduct 505.007635 131.720984 3.834 0.000

L5.Water -6223.807609 2465.692882 -2.524 0.012

L5.Temp -444.361808 259.363068 -1.713 0.087

L5.Precip. horaria -0.004281 0.038777 -0.110 0.912

L5.Temp. prom aire -0.018519 0.017269 -1.072 0.284

L6.Conduct -254.306928 160.485893 -1.585 0.113

L6.Water 5373.805451 1576.040666 3.410 0.001

L6.Temp 349.053733 320.011167 1.091 0.275

L6.Precip. horaria 0.014980 0.038831 0.386 0.700

L6.Temp. prom aire 0.017159 0.017285 0.993 0.321

L7.Conduct -243.901734 112.621349 -2.166 0.030

L7.Water -3012.687264 2612.394625 -1.153 0.249

L7.Temp 308.973793 318.209050 0.971 0.332

L7.Precip. horaria 0.009788 0.038872 0.252 0.801

L7.Temp. prom aire -0.031096 0.017278 -1.800 0.072

L8.Conduct 696.168683 105.365491 6.607 0.000

L8.Water -783.366372 3100.913666 -0.253 0.801

L8.Temp -775.903801 322.559164 -2.405 0.016

L8.Precip. horaria 0.028848 0.038952 0.741 0.459

L8.Temp. prom aire 0.013953 0.017283 0.807 0.419

L9.Conduct -937.428455 115.850447 -8.092 0.000

L9.Water 4702.857103 2932.494443 1.604 0.109

L9.Temp 1197.679305 314.843833 3.804 0.000

L9.Precip. horaria -0.035197 0.038943 -0.904 0.366

L9.Temp. prom aire 0.006151 0.017280 0.356 0.722

L10.Conduct 842.579173 141.350120 5.961 0.000

L10.Water -6714.481099 2175.516235 -3.086 0.002

L10.Temp -1180.300044 308.960953 -3.820 0.000

L10.Precip. horaria -0.048450 0.038900 -1.245 0.213

L10.Temp. prom aire -0.001208 0.017290 -0.070 0.944

L11.Conduct -441.637596 230.196825 -1.919 0.055

L11.Water 3318.842866 2416.279018 1.374 0.170

L11.Temp 321.427922 356.293392 0.902 0.367

L11.Precip. horaria 0.005441 0.038972 0.140 0.889

L11.Temp. prom aire -0.016703 0.017295 -0.966 0.334

L12.Conduct 144.963354 259.984855 0.558 0.577

L12.Water 6054.407418 2769.002666 2.186 0.029

L12.Temp -122.842017 377.415187 -0.325 0.745

L12.Precip. horaria 0.020016 0.038854 0.515 0.606

L12.Temp. prom aire 0.015996 0.017293 0.925 0.355

L13.Conduct -139.913421 265.614583 -0.527 0.598

L13.Water -16449.515395 3308.271567 -4.972 0.000

L13.Temp 927.384193 373.435546 2.483 0.013

L13.Precip. horaria -0.012604 0.038912 -0.324 0.746

L13.Temp. prom aire -0.018758 0.017285 -1.085 0.278

L14.Conduct 55.984860 233.266334 0.240 0.810

L14.Water 23140.278914 2639.323197 8.768 0.000

L14.Temp -1113.865298 365.793232 -3.045 0.002

L14.Precip. horaria -0.006044 0.038826 -0.156 0.876

L14.Temp. prom aire 0.027350 0.017292 1.582 0.114

L15.Conduct 385.745870 197.619759 1.952 0.051

L15.Water -26716.876013 1956.788371 -13.653 0.000

L15.Temp 404.127448 331.266088 1.220 0.222

L15.Precip. horaria 0.028363 0.038824 0.731 0.465

L15.Temp. prom aire -0.014551 0.017304 -0.841 0.400

L16.Conduct -936.491238 182.281288 -5.138 0.000

L16.Water 28718.718662 2422.771170 11.854 0.000

L16.Temp 268.606959 302.684911 0.887 0.375

L16.Precip. horaria -0.014018 0.038815 -0.361 0.718

L16.Temp. prom aire -0.003234 0.017302 -0.187 0.852

L17.Conduct 1133.268012 183.859699 6.164 0.000

L17.Water -27029.715890 2509.638171 -10.770 0.000

L17.Temp -491.734279 305.257747 -1.611 0.107

L17.Precip. horaria 0.006543 0.038771 0.169 0.866

L17.Temp. prom aire 0.023715 0.017299 1.371 0.170

L18.Conduct -644.449075 160.461955 -4.016 0.000

L18.Water 19960.394401 2550.434145 7.826 0.000

L18.Temp 66.420912 312.691600 0.212 0.832

L18.Precip. horaria 0.007013 0.038762 0.181 0.856

L18.Temp. prom aire -0.021872 0.017313 -1.263 0.206

L19.Conduct -399.534108 273.682017 -1.460 0.144

L19.Water -9957.155653 1626.374946 -6.122 0.000

L19.Temp 1122.648775 456.016194 2.462 0.014

L19.Precip. horaria -0.025824 0.038702 -0.667 0.505

L19.Temp. prom aire 0.022821 0.017306 1.319 0.187

L20.Conduct 1264.954827 331.989606 3.810 0.000

L20.Water 1618.405559 2496.617218 0.648 0.517

L20.Temp -2195.913092 476.922299 -4.604 0.000

L20.Precip. horaria -0.015827 0.038708 -0.409 0.683

L20.Temp. prom aire -0.019790 0.017290 -1.145 0.252

L21.Conduct -1426.315375 250.422278 -5.696 0.000

L21.Water 1462.852156 2390.858762 0.612 0.541

L21.Temp 2377.471317 384.573078 6.182 0.000

L21.Precip. horaria 0.018608 0.038703 0.481 0.631

L21.Temp. prom aire 0.013102 0.017286 0.758 0.448

L22.Conduct 1133.490286 216.147878 5.244 0.000

L22.Water 1287.320628 1821.140167 0.707 0.480

L22.Temp -2003.831463 367.832969 -5.448 0.000

L22.Precip. horaria 0.005230 0.038665 0.135 0.892

L22.Temp. prom aire 0.031777 0.017285 1.838 0.066

L23.Conduct -735.635131 259.982217 -2.830 0.005

L23.Water -7376.555507 1248.734462 -5.907 0.000

L23.Temp 1629.214698 755.563474 2.156 0.031

L23.Precip. horaria 0.024647 0.038643 0.638 0.524

L23.Temp. prom aire 0.051539 0.017289 2.981 0.003

L24.Conduct 321.355012 354.976421 0.905 0.365

L24.Water 13117.859981 1525.098816 8.601 0.000

L24.Temp 643.978079 2138.499916 0.301 0.763

L24.Precip. horaria -0.013630 0.038682 -0.352 0.725

L24.Temp. prom aire 0.117029 0.017219 6.797 0.000

L25.Conduct -10.001643 273.948772 -0.037 0.971

L25.Water -16759.895353 1308.282543 -12.811 0.000

L25.Temp -8522.636782 3086.879092 -2.761 0.006

L25.Precip. horaria 0.023781 0.038662 0.615 0.538

L25.Temp. prom aire -0.176277 0.017216 -10.239 0.000

L26.Conduct -117.061132 229.713103 -0.510 0.610

L26.Water 19440.924068 1768.742431 10.991 0.000

L26.Temp 17045.779162 3047.368361 5.594 0.000

L26.Precip. horaria -0.006872 0.038652 -0.178 0.859

L26.Temp. prom aire 0.002140 0.017289 0.124 0.901

L27.Conduct 137.138224 278.443526 0.493 0.622

L27.Water -21276.564126 1689.107631 -12.596 0.000

L27.Temp -14698.358467 2046.282899 -7.183 0.000

L27.Precip. horaria -0.020547 0.038639 -0.532 0.595

L27.Temp. prom aire 0.015292 0.017304 0.884 0.377

L28.Conduct -204.182844 333.756041 -0.612 0.541

L28.Water 20154.377900 1830.046491 11.013 0.000

L28.Temp 5368.180774 1253.336822 4.283 0.000

L28.Precip. horaria 0.009764 0.038819 0.252 0.801

L28.Temp. prom aire -0.017456 0.017300 -1.009 0.313

L29.Conduct 326.016416 245.014627 1.331 0.183

L29.Water -15386.592714 1723.842402 -8.926 0.000

L29.Temp -5633.113581 939.237292 -5.998 0.000

L29.Precip. horaria -0.027601 0.038751 -0.712 0.476

L29.Temp. prom aire 0.024847 0.017290 1.437 0.151

L30.Conduct -263.784290 200.798233 -1.314 0.189

L30.Water 8302.878236 2328.700219 3.565 0.000

L30.Temp 16403.549510 329.249653 49.821 0.000

L30.Precip. horaria -0.006655 0.038703 -0.172 0.863

L30.Temp. prom aire 0.009796 0.017290 0.567 0.571

L31.Conduct 16.920177 241.333003 0.070 0.944

L31.Water -1863.932249 2206.472768 -0.845 0.398

L31.Temp -23154.162784 1432.601059 -16.162 0.000

L31.Precip. horaria -0.017460 0.038731 -0.451 0.652

L31.Temp. prom aire -0.014324 0.017316 -0.827 0.408

L32.Conduct 117.709750 207.727940 0.567 0.571

L32.Water -546.705023 1209.024306 -0.452 0.651

L32.Temp 19266.607366 3408.546112 5.652 0.000

L32.Precip. horaria 0.054491 0.038950 1.399 0.162

L32.Temp. prom aire -0.003111 0.017293 -0.180 0.857

L33.Conduct -83.321737 131.865639 -0.632 0.527

L33.Water -936.718966 558.191062 -1.678 0.093

L33.Temp -10467.401759 4170.314751 -2.510 0.012

L33.Precip. horaria -0.003803 0.038905 -0.098 0.922

L33.Temp. prom aire 0.016621 0.017295 0.961 0.337

L34.Conduct -5.447626 184.014024 -0.030 0.976

L34.Water 3912.577748 1005.906246 3.890 0.000

L34.Temp 6202.880979 3303.771150 1.878 0.060

L34.Precip. horaria -0.025818 0.038871 -0.664 0.507

L34.Temp. prom aire -0.020417 0.017292 -1.181 0.238

L35.Conduct 98.505221 249.449741 0.395 0.693

L35.Water -7351.570729 1229.146910 -5.981 0.000

L35.Temp -11039.456729 1197.190230 -9.221 0.000

L35.Precip. horaria 0.018733 0.038856 0.482 0.630

L35.Temp. prom aire 0.031927 0.017294 1.846 0.065

L36.Conduct -139.601675 205.705069 -0.679 0.497

L36.Water 10775.762432 439.212047 24.534 0.000

L36.Temp 16763.781394 NAN NAN NAN

L36.Precip. horaria -0.006959 0.039068 -0.178 0.859

L36.Temp. prom aire -0.034624 0.017295 -2.002 0.045

L37.Conduct 79.164905 135.735987 0.583 0.560

L37.Water -12599.980053 1408.537090 -8.945 0.000

L37.Temp -9766.148907 567.688707 -17.203 0.000

L37.Precip. horaria -0.029826 0.038915 -0.766 0.443

L37.Temp. prom aire 0.021857 0.017303 1.263 0.207

L38.Conduct 41.028943 167.861776 0.244 0.807

L38.Water 11413.617152 1863.859801 6.124 0.000

L38.Temp -10502.047284 NAN NAN NAN

L38.Precip. horaria 0.002957 0.038816 0.076 0.939

L38.Temp. prom aire -0.000424 0.017303 -0.024 0.980

L39.Conduct -125.501675 237.349982 -0.529 0.597

L39.Water -8718.754694 1297.223008 -6.721 0.000

L39.Temp 28843.138256 NAN NAN NAN

L39.Precip. horaria 0.023014 0.038737 0.594 0.552

L39.Temp. prom aire -0.021510 0.017305 -1.243 0.214

L40.Conduct 158.711639 203.432261 0.780 0.435

L40.Water 7325.771744 1241.086256 5.903 0.000

L40.Temp -31707.534057 NAN NAN NAN

L40.Precip. horaria -0.038711 0.038685 -1.001 0.317

L40.Temp. prom aire -0.011969 0.017298 -0.692 0.489

L41.Conduct -89.780821 168.887389 -0.532 0.595

L41.Water -8141.709317 1436.747094 -5.667 0.000

L41.Temp 22949.908172 1197.141021 19.171 0.000

L41.Precip. horaria 0.029059 0.038773 0.749 0.454

L41.Temp. prom aire 0.004952 0.017306 0.286 0.775

L42.Conduct -88.849285 248.559117 -0.357 0.721

L42.Water 10324.255520 1406.497405 7.340 0.000

L42.Temp -15900.337439 NAN NAN NAN

L42.Precip. horaria -0.019807 0.038577 -0.513 0.608

L42.Temp. prom aire 0.016103 0.017309 0.930 0.352

L43.Conduct 83.792014 330.341162 0.254 0.800

L43.Water -11049.707640 1319.858478 -8.372 0.000

L43.Temp 13252.986972 NAN NAN NAN

L43.Precip. horaria 0.023785 0.038627 0.616 0.538

L43.Temp. prom aire -0.016605 0.017293 -0.960 0.337

L44.Conduct 149.828828 356.089583 0.421 0.674

L44.Water 7824.797559 955.976667 8.185 0.000

L44.Temp -10010.676708 NAN NAN NAN

L44.Precip. horaria -0.014554 0.038721 -0.376 0.707

L44.Temp. prom aire 0.026271 0.017288 1.520 0.129

L45.Conduct -209.580909 315.520845 -0.664 0.507

L45.Water -2846.485214 1115.140560 -2.553 0.011

L45.Temp 6579.163357 1440.831167 4.566 0.000

L45.Precip. horaria -0.031524 0.038949 -0.809 0.418

L45.Temp. prom aire -0.015391 0.017291 -0.890 0.373

L46.Conduct 48.527347 206.544495 0.235 0.814

L46.Water 7.797165 1108.709638 0.007 0.994

L46.Temp -4220.013271 2580.769486 -1.635 0.102

L46.Precip. horaria 0.040869 0.038937 1.050 0.294

L46.Temp. prom aire 0.000054 0.017281 0.003 0.998

L47.Conduct 38.085375 100.985426 0.377 0.706

L47.Water 362.548325 699.703417 0.518 0.604

L47.Temp 1930.502110 1590.314564 1.214 0.225

L47.Precip. horaria 0.000858 0.038210 0.022 0.982

L47.Temp. prom aire 0.105033 0.016414 6.399 0.000

L48.Conduct -16.611312 24.520261 -0.677 0.498

L48.Water -89.470469 180.826555 -0.495 0.621

L48.Temp -376.384115 367.513014 -1.024 0.306

L48.Precip. horaria 0.007686 0.033387 0.230 0.818

L48.Temp. prom aire -0.080308 0.009363 -8.577 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.641212 0.784545 0.013871 -0.019380

Water 0.641212 1.000000 0.257430 0.012162 -0.015082

Temp 0.784545 0.257430 1.000000 0.004471 -0.020520

Precip. horaria 0.013871 0.012162 0.004471 1.000000 -0.023734

Temp. prom aire -0.019380 -0.015082 -0.020520 -0.023734 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -56.9498

Nobs: 11640.0 HQIC: -57.4559

Log likelihood: 254506. FPE: 8.63071e-26

AIC: -57.7119 Det(Omega\_mle): 7.79016e-26

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000025 0.000010 2.647 0.008

L1.Conduct 4.962033 0.020575 241.168 0.000

L1.Water -0.090144 0.042209 -2.136 0.033

L1.Temp -0.251815 0.005910 -42.611 0.000

L1.Precip. horaria -0.000004 0.000004 -0.990 0.322

L1.Temp. prom aire -0.000001 0.000001 -0.955 0.340

L2.Conduct -10.819932 0.102630 -105.426 0.000

L2.Water 0.694086 0.204753 3.390 0.001

L2.Temp 1.070069 0.025618 41.770 0.000

L2.Precip. horaria 0.000004 0.000005 0.728 0.467

L2.Temp. prom aire -0.000001 0.000002 -0.367 0.714

L3.Conduct 14.137240 0.229832 61.511 0.000

L3.Water -1.867537 0.421765 -4.428 0.000

L3.Temp -1.873590 0.050795 -36.885 0.000

L3.Precip. horaria -0.000004 0.000005 -0.810 0.418

L3.Temp. prom aire 0.000004 0.000002 1.690 0.091

L4.Conduct -13.077479 0.322465 -40.555 0.000

L4.Water 2.279451 0.493195 4.622 0.000

L4.Temp 1.861630 0.064603 28.816 0.000

L4.Precip. horaria 0.000000 0.000005 0.045 0.964

L4.Temp. prom aire -0.000003 0.000002 -1.512 0.131

L5.Conduct 9.734406 0.358443 27.157 0.000

L5.Water -1.164518 0.482079 -2.416 0.016

L5.Temp -1.349707 0.068879 -19.595 0.000

L5.Precip. horaria -0.000001 0.000005 -0.208 0.835

L5.Temp. prom aire 0.000002 0.000002 1.081 0.279

L6.Conduct -6.365756 0.372620 -17.084 0.000

L6.Water -0.064154 0.627709 -0.102 0.919

L6.Temp 0.875512 0.077118 11.353 0.000

L6.Precip. horaria 0.000004 0.000005 0.758 0.448

L6.Temp. prom aire -0.000001 0.000002 -0.570 0.568

L7.Conduct 3.881924 0.345028 11.251 0.000

L7.Water 0.394929 0.706192 0.559 0.576

L7.Temp -0.510745 0.077224 -6.614 0.000

L7.Precip. horaria -0.000003 0.000005 -0.514 0.607

L7.Temp. prom aire 0.000002 0.000002 0.952 0.341

L8.Conduct -2.353108 0.246532 -9.545 0.000

L8.Water -0.267113 0.544860 -0.490 0.624

L8.Temp 0.305597 0.055118 5.544 0.000

L8.Precip. horaria -0.000001 0.000005 -0.200 0.841

L8.Temp. prom aire -0.000004 0.000002 -1.594 0.111

L9.Conduct 1.516318 0.155527 9.750 0.000

L9.Water 0.003019 0.271500 0.011 0.991

L9.Temp -0.212599 0.025777 -8.247 0.000

L9.Precip. horaria 0.000003 0.000005 0.549 0.583

L9.Temp. prom aire 0.000004 0.000002 1.895 0.058

L10.Conduct -1.040932 0.220294 -4.725 0.000

L10.Water 0.188952 0.338217 0.559 0.576

L10.Temp 0.148295 0.040077 3.700 0.000

L10.Precip. horaria -0.000002 0.000005 -0.426 0.670

L10.Temp. prom aire -0.000005 0.000002 -2.084 0.037

L11.Conduct 0.670850 0.268721 2.496 0.013

L11.Water -0.070024 0.423713 -0.165 0.869

L11.Temp -0.098219 0.051949 -1.891 0.059

L11.Precip. horaria -0.000008 0.000005 -1.500 0.134

L11.Temp. prom aire 0.000003 0.000002 1.327 0.184

L12.Conduct -0.364447 0.208865 -1.745 0.081

L12.Water -0.213302 0.257225 -0.829 0.407

L12.Temp 0.038818 0.035451 1.095 0.274

L12.Precip. horaria 0.000003 0.000005 0.527 0.598

L12.Temp. prom aire 0.000001 0.000002 0.397 0.691

L13.Conduct 0.186368 0.157595 1.183 0.237

L13.Water 0.378158 0.265667 1.423 0.155

L13.Temp -0.003857 0.027556 -0.140 0.889

L13.Precip. horaria -0.000003 0.000005 -0.587 0.557

L13.Temp. prom aire -0.000001 0.000002 -0.477 0.634

L14.Conduct -0.147832 0.279310 -0.529 0.597

L14.Water -0.326231 0.609168 -0.536 0.592

L14.Temp 0.002610 0.063650 0.041 0.967

L14.Precip. horaria 0.000006 0.000005 1.147 0.252

L14.Temp. prom aire -0.000002 0.000002 -0.839 0.402

L15.Conduct 0.212526 0.385791 0.551 0.582

L15.Water 0.121159 0.768289 0.158 0.875

L15.Temp -0.018150 0.086160 -0.211 0.833

L15.Precip. horaria -0.000003 0.000005 -0.563 0.574

L15.Temp. prom aire 0.000002 0.000002 1.074 0.283

L16.Conduct -0.282129 0.423432 -0.666 0.505

L16.Water 0.090277 0.724369 0.125 0.901

L16.Temp 0.041036 0.089245 0.460 0.646

L16.Precip. horaria -0.000004 0.000005 -0.720 0.472

L16.Temp. prom aire -0.000000 0.000002 -0.001 0.999

L17.Conduct 0.313191 0.469453 0.667 0.505

L17.Water -0.197143 0.753167 -0.262 0.794

L17.Temp -0.049480 0.096556 -0.512 0.608

L17.Precip. horaria 0.000003 0.000005 0.620 0.535

L17.Temp. prom aire -0.000003 0.000002 -1.292 0.196

L18.Conduct -0.391591 0.549979 -0.712 0.476

L18.Water 0.356707 0.927832 0.384 0.701

L18.Temp 0.070724 0.114762 0.616 0.538

L18.Precip. horaria -0.000000 0.000005 -0.016 0.988

L18.Temp. prom aire 0.000003 0.000002 1.284 0.199

L19.Conduct 0.563036 0.568105 0.991 0.322

L19.Water -0.644403 0.958171 -0.673 0.501

L19.Temp -0.104034 0.117799 -0.883 0.377

L19.Precip. horaria 0.000004 0.000005 0.874 0.382

L19.Temp. prom aire 0.000000 0.000002 0.006 0.995

L20.Conduct -0.783819 0.472254 -1.660 0.097

L20.Water 0.717528 0.795960 0.901 0.367

L20.Temp 0.129701 0.095536 1.358 0.175

L20.Precip. horaria 0.000002 0.000005 0.409 0.683

L20.Temp. prom aire -0.000004 0.000002 -1.592 0.111

L21.Conduct 1.041569 0.358036 2.909 0.004

L21.Water -0.549780 0.775089 -0.709 0.478

L21.Temp -0.156003 0.078187 -1.995 0.046

L21.Precip. horaria 0.000005 0.000005 1.052 0.293

L21.Temp. prom aire 0.000004 0.000002 1.802 0.071

L22.Conduct -1.518252 0.367280 -4.134 0.000

L22.Water 0.325679 0.958261 0.340 0.734

L22.Temp 0.190790 0.090554 2.107 0.035

L22.Precip. horaria 0.000001 0.000005 0.149 0.882

L22.Temp. prom aire -0.000002 0.000002 -0.942 0.346

L23.Conduct 1.935230 0.369789 5.233 0.000

L23.Water 0.555671 0.920488 0.604 0.546

L23.Temp -0.383875 0.123777 -3.101 0.002

L23.Precip. horaria -0.000014 0.000005 -2.814 0.005

L23.Temp. prom aire 0.000002 0.000002 0.653 0.513

L24.Conduct -1.465553 0.246746 -5.940 0.000

L24.Water -2.834441 0.577990 -4.904 0.000

L24.Temp 0.782651 0.212599 3.681 0.000

L24.Precip. horaria 0.000023 0.000005 4.465 0.000

L24.Temp. prom aire -0.000002 0.000002 -0.718 0.473

L25.Conduct 0.455297 0.088132 5.166 0.000

L25.Water 6.501532 0.492913 13.190 0.000

L25.Temp -1.235424 0.314662 -3.926 0.000

L25.Precip. horaria 0.000000 0.000005 0.023 0.982

L25.Temp. prom aire 0.000001 0.000002 0.486 0.627

L26.Conduct 0.028007 0.020943 1.337 0.181

L26.Water -10.302875 0.601085 -17.140 0.000

L26.Temp 1.766487 0.332994 5.305 0.000

L26.Precip. horaria -0.000011 0.000005 -2.164 0.030

L26.Temp. prom aire 0.000001 0.000002 0.286 0.775

L27.Conduct -0.041524 0.020400 -2.035 0.042

L27.Water 11.740844 0.501260 23.423 0.000

L27.Temp -2.100687 0.293305 -7.162 0.000

L27.Precip. horaria 0.000013 0.000005 2.514 0.012

L27.Temp. prom aire -0.000004 0.000002 -1.569 0.117

L28.Conduct 0.044620 0.020164 2.213 0.027

L28.Water -10.014973 0.440137 -22.754 0.000

L28.Temp 1.738334 0.369462 4.705 0.000

L28.Precip. horaria -0.000003 0.000005 -0.680 0.496

L28.Temp. prom aire 0.000003 0.000002 1.106 0.269

L29.Conduct -0.050813 0.020271 -2.507 0.012

L29.Water 7.109847 0.588148 12.089 0.000

L29.Temp -0.953441 0.478535 -1.992 0.046

L29.Precip. horaria -0.000001 0.000005 -0.230 0.818

L29.Temp. prom aire -0.000001 0.000002 -0.360 0.719

L30.Conduct 0.030891 0.020288 1.523 0.128

L30.Water -4.611372 0.669672 -6.886 0.000

L30.Temp 0.331721 0.468764 0.708 0.479

L30.Precip. horaria 0.000002 0.000005 0.404 0.686

L30.Temp. prom aire 0.000001 0.000002 0.247 0.805

L31.Conduct -0.015252 0.020309 -0.751 0.453

L31.Water 2.782709 0.559072 4.977 0.000

L31.Temp -0.016673 0.337715 -0.049 0.961

L31.Precip. horaria -0.000015 0.000005 -2.860 0.004

L31.Temp. prom aire -0.000002 0.000002 -0.724 0.469

L32.Conduct 0.015024 0.020567 0.730 0.465

L32.Water -1.636975 0.496671 -3.296 0.001

L32.Temp -0.077028 0.226051 -0.341 0.733

L32.Precip. horaria 0.000008 0.000005 1.628 0.104

L32.Temp. prom aire 0.000001 0.000002 0.578 0.563

L33.Conduct -0.026338 0.020928 -1.258 0.208

L33.Water 0.995952 0.670203 1.486 0.137

L33.Temp 0.086973 0.265441 0.328 0.743

L33.Precip. horaria -0.000012 0.000005 -2.346 0.019

L33.Temp. prom aire -0.000001 0.000002 -0.561 0.575

L34.Conduct 0.025176 0.020947 1.202 0.229

L34.Water -0.647029 0.752697 -0.860 0.390

L34.Temp -0.061615 0.298023 -0.207 0.836

L34.Precip. horaria -0.000000 0.000005 -0.092 0.927

L34.Temp. prom aire 0.000002 0.000002 0.797 0.426

L35.Conduct -0.008997 0.020610 -0.437 0.662

L35.Water 0.464029 0.615758 0.754 0.451

L35.Temp -0.009480 0.274570 -0.035 0.972

L35.Precip. horaria 0.000014 0.000005 2.789 0.005

L35.Temp. prom aire -0.000001 0.000002 -0.619 0.536

L36.Conduct 0.000555 0.020269 0.027 0.978

L36.Water -0.359411 0.519838 -0.691 0.489

L36.Temp 0.050072 0.311301 0.161 0.872

L36.Precip. horaria -0.000011 0.000005 -2.209 0.027

L36.Temp. prom aire 0.000001 0.000002 0.460 0.646

L37.Conduct -0.002858 0.020332 -0.141 0.888

L37.Water 0.291148 0.715025 0.407 0.684

L37.Temp -0.015669 0.424782 -0.037 0.971

L37.Precip. horaria -0.000006 0.000005 -1.102 0.270

L37.Temp. prom aire -0.000002 0.000002 -0.786 0.432

L38.Conduct 0.003813 0.020494 0.186 0.852

L38.Water -0.259416 0.856432 -0.303 0.762

L38.Temp -0.045396 0.488486 -0.093 0.926

L38.Precip. horaria 0.000001 0.000005 0.255 0.799

L38.Temp. prom aire 0.000002 0.000002 0.954 0.340

L39.Conduct 0.003872 0.020284 0.191 0.849

L39.Water 0.269425 0.760055 0.354 0.723

L39.Temp 0.059392 0.439118 0.135 0.892

L39.Precip. horaria -0.000006 0.000005 -1.169 0.243

L39.Temp. prom aire -0.000002 0.000002 -0.878 0.380

L40.Conduct -0.012468 0.020175 -0.618 0.537

L40.Water -0.252831 0.568938 -0.444 0.657

L40.Temp -0.044725 0.318950 -0.140 0.888

L40.Precip. horaria -0.000007 0.000005 -1.292 0.196

L40.Temp. prom aire 0.000000 0.000002 0.058 0.954

L41.Conduct 0.007719 0.020171 0.383 0.702

L41.Water 0.253277 0.587157 0.431 0.666

L41.Temp 0.061580 0.248375 0.248 0.804

L41.Precip. horaria 0.000003 0.000005 0.514 0.607

L41.Temp. prom aire 0.000003 0.000002 1.127 0.260

L42.Conduct -0.002317 0.020240 -0.114 0.909

L42.Water -0.323656 0.684365 -0.473 0.636

L42.Temp -0.070436 0.237713 -0.296 0.767

L42.Precip. horaria -0.000000 0.000005 -0.016 0.987

L42.Temp. prom aire -0.000002 0.000002 -0.691 0.489

L43.Conduct -0.003008 0.020354 -0.148 0.883

L43.Water 0.438726 0.629158 0.697 0.486

L43.Temp 0.053498 0.217314 0.246 0.806

L43.Precip. horaria 0.000005 0.000005 0.921 0.357

L43.Temp. prom aire -0.000000 0.000002 -0.093 0.926

L44.Conduct 0.016195 0.020383 0.795 0.427

L44.Water -0.870046 0.478491 -1.818 0.069

L44.Temp -0.012911 0.259443 -0.050 0.960

L44.Precip. horaria 0.000000 0.000005 0.011 0.991

L44.Temp. prom aire -0.000001 0.000002 -0.448 0.654

L45.Conduct -0.015548 0.020539 -0.757 0.449

L45.Water 1.506034 0.378103 3.983 0.000

L45.Temp -0.088329 0.308363 -0.286 0.775

L45.Precip. horaria -0.000011 0.000005 -2.214 0.027

L45.Temp. prom aire 0.000002 0.000002 0.917 0.359

L46.Conduct 0.005421 0.019480 0.278 0.781

L46.Water -1.477539 0.270872 -5.455 0.000

L46.Temp 0.158672 0.245691 0.646 0.518

L46.Precip. horaria -0.000000 0.000005 -0.062 0.950

L46.Temp. prom aire -0.000001 0.000002 -0.457 0.647

L47.Conduct -0.002668 0.012501 -0.213 0.831

L47.Water 0.726930 0.121420 5.987 0.000

L47.Temp -0.105178 0.112660 -0.934 0.351

L47.Precip. horaria 0.000003 0.000005 0.595 0.552

L47.Temp. prom aire 0.000000 0.000002 0.018 0.986

L48.Conduct 0.001340 0.003429 0.391 0.696

L48.Water -0.141158 0.023890 -5.909 0.000

L48.Temp 0.024903 0.022417 1.111 0.267

L48.Precip. horaria 0.000007 0.000004 1.558 0.119

L48.Temp. prom aire 0.000001 0.000001 0.848 0.397

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Results for equation Water

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coefficient std. error t-stat prob

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const -0.000000 0.000005 -0.023 0.981

L1.Conduct 0.152102 0.010191 14.924 0.000

L1.Water 4.529312 0.020907 216.639 0.000

L1.Temp 0.043448 0.002927 14.843 0.000

L1.Precip. horaria -0.000000 0.000002 -0.195 0.845

L1.Temp. prom aire 0.000000 0.000001 0.764 0.445

L2.Conduct -0.686873 0.050836 -13.512 0.000

L2.Water -8.498855 0.101420 -83.798 0.000

L2.Temp -0.174164 0.012689 -13.725 0.000

L2.Precip. horaria 0.000001 0.000003 0.375 0.708

L2.Temp. prom aire -0.000001 0.000001 -0.683 0.495

L3.Conduct 1.315054 0.113843 11.551 0.000

L3.Water 8.908626 0.208913 42.643 0.000

L3.Temp 0.262917 0.025161 10.450 0.000

L3.Precip. horaria -0.000002 0.000003 -0.667 0.505

L3.Temp. prom aire 0.000001 0.000001 1.175 0.240

L4.Conduct -1.451755 0.159727 -9.089 0.000

L4.Water -6.552437 0.244294 -26.822 0.000

L4.Temp -0.187519 0.032000 -5.860 0.000

L4.Precip. horaria 0.000000 0.000003 0.141 0.888

L4.Temp. prom aire -0.000001 0.000001 -0.745 0.456

L5.Conduct 1.112634 0.177548 6.267 0.000

L5.Water 4.520204 0.238788 18.930 0.000

L5.Temp 0.085940 0.034118 2.519 0.012

L5.Precip. horaria -0.000000 0.000003 -0.162 0.872

L5.Temp. prom aire -0.000000 0.000001 -0.024 0.981

L6.Conduct -0.702753 0.184570 -3.808 0.000

L6.Water -3.155711 0.310923 -10.149 0.000

L6.Temp -0.062692 0.038199 -1.641 0.101

L6.Precip. horaria -0.000001 0.000003 -0.439 0.660

L6.Temp. prom aire 0.000000 0.000001 0.298 0.766

L7.Conduct 0.430771 0.170903 2.521 0.012

L7.Water 1.985929 0.349798 5.677 0.000

L7.Temp 0.047230 0.038251 1.235 0.217

L7.Precip. horaria -0.000004 0.000003 -1.483 0.138

L7.Temp. prom aire -0.000001 0.000001 -0.742 0.458

L8.Conduct -0.324320 0.122115 -2.656 0.008

L8.Water -1.136911 0.269886 -4.213 0.000

L8.Temp -0.014972 0.027302 -0.548 0.583

L8.Precip. horaria -0.000000 0.000003 -0.027 0.979

L8.Temp. prom aire -0.000000 0.000001 -0.021 0.983

L9.Conduct 0.320024 0.077037 4.154 0.000

L9.Water 0.544459 0.134482 4.049 0.000

L9.Temp -0.014086 0.012768 -1.103 0.270

L9.Precip. horaria 0.000001 0.000003 0.238 0.812

L9.Temp. prom aire 0.000002 0.000001 2.009 0.045

L10.Conduct -0.325404 0.109119 -2.982 0.003

L10.Water -0.178303 0.167529 -1.064 0.287

L10.Temp 0.033752 0.019851 1.700 0.089

L10.Precip. horaria -0.000002 0.000003 -0.757 0.449

L10.Temp. prom aire -0.000003 0.000001 -2.836 0.005

L11.Conduct 0.293182 0.133105 2.203 0.028

L11.Water 0.048331 0.209878 0.230 0.818

L11.Temp -0.036707 0.025732 -1.427 0.154

L11.Precip. horaria -0.000007 0.000003 -2.765 0.006

L11.Temp. prom aire 0.000002 0.000001 1.421 0.155

L12.Conduct -0.224307 0.103457 -2.168 0.030

L12.Water -0.049408 0.127411 -0.388 0.698

L12.Temp 0.027718 0.017560 1.579 0.114

L12.Precip. horaria -0.000000 0.000003 -0.016 0.987

L12.Temp. prom aire -0.000000 0.000001 -0.434 0.664

L13.Conduct 0.145600 0.078061 1.865 0.062

L13.Water 0.096791 0.131593 0.736 0.462

L13.Temp -0.015050 0.013649 -1.103 0.270

L13.Precip. horaria -0.000002 0.000003 -0.598 0.550

L13.Temp. prom aire 0.000001 0.000001 0.951 0.342

L14.Conduct -0.086590 0.138351 -0.626 0.531

L14.Water -0.123341 0.301739 -0.409 0.683

L14.Temp 0.005030 0.031528 0.160 0.873

L14.Precip. horaria 0.000003 0.000003 1.235 0.217

L14.Temp. prom aire -0.000001 0.000001 -1.218 0.223

L15.Conduct 0.057564 0.191094 0.301 0.763

L15.Water 0.104671 0.380557 0.275 0.783

L15.Temp -0.002032 0.042678 -0.048 0.962

L15.Precip. horaria -0.000002 0.000003 -0.902 0.367

L15.Temp. prom aire 0.000001 0.000001 0.721 0.471

L16.Conduct -0.043208 0.209739 -0.206 0.837

L16.Water -0.072951 0.358802 -0.203 0.839

L16.Temp 0.000968 0.044206 0.022 0.983

L16.Precip. horaria -0.000004 0.000003 -1.475 0.140

L16.Temp. prom aire 0.000001 0.000001 0.526 0.599

L17.Conduct 0.036813 0.232534 0.158 0.874

L17.Water 0.082234 0.373067 0.220 0.826

L17.Temp 0.001453 0.047827 0.030 0.976

L17.Precip. horaria 0.000004 0.000003 1.405 0.160

L17.Temp. prom aire -0.000001 0.000001 -0.908 0.364

L18.Conduct -0.054894 0.272421 -0.202 0.840

L18.Water -0.109392 0.459583 -0.238 0.812

L18.Temp 0.000232 0.056845 0.004 0.997

L18.Precip. horaria 0.000001 0.000003 0.328 0.743

L18.Temp. prom aire 0.000001 0.000001 0.463 0.643

L19.Conduct 0.090841 0.281400 0.323 0.747

L19.Water 0.158446 0.474611 0.334 0.738

L19.Temp 0.000597 0.058349 0.010 0.992

L19.Precip. horaria 0.000003 0.000003 1.314 0.189

L19.Temp. prom aire -0.000000 0.000001 -0.248 0.804

L20.Conduct -0.132634 0.233922 -0.567 0.571

L20.Water -0.350042 0.394263 -0.888 0.375

L20.Temp -0.007088 0.047322 -0.150 0.881

L20.Precip. horaria 0.000001 0.000003 0.547 0.585

L20.Temp. prom aire -0.000001 0.000001 -0.968 0.333

L21.Conduct 0.200100 0.177346 1.128 0.259

L21.Water 0.595583 0.383925 1.551 0.121

L21.Temp 0.011674 0.038728 0.301 0.763

L21.Precip. horaria -0.000000 0.000003 -0.012 0.990

L21.Temp. prom aire 0.000002 0.000001 1.476 0.140

L22.Conduct -0.258129 0.181925 -1.419 0.156

L22.Water -1.024952 0.474656 -2.159 0.031

L22.Temp -0.037440 0.044854 -0.835 0.404

L22.Precip. horaria 0.000000 0.000003 0.107 0.915

L22.Temp. prom aire -0.000001 0.000001 -0.824 0.410

L23.Conduct 0.251604 0.183168 1.374 0.170

L23.Water 1.821852 0.455946 3.996 0.000

L23.Temp 0.091941 0.061310 1.500 0.134

L23.Precip. horaria -0.000008 0.000003 -2.992 0.003

L23.Temp. prom aire 0.000000 0.000001 0.379 0.704

L24.Conduct -0.186382 0.122221 -1.525 0.127

L24.Water -2.605181 0.286296 -9.100 0.000

L24.Temp -0.110020 0.105306 -1.045 0.296

L24.Precip. horaria 0.000006 0.000003 2.424 0.015

L24.Temp. prom aire -0.000000 0.000001 -0.335 0.738

L25.Conduct 0.078380 0.043655 1.795 0.073

L25.Water 3.768645 0.244155 15.435 0.000

L25.Temp 0.071762 0.155862 0.460 0.645

L25.Precip. horaria -0.000001 0.000003 -0.509 0.611

L25.Temp. prom aire -0.000000 0.000001 -0.231 0.817

L26.Conduct 0.002288 0.010374 0.221 0.825

L26.Water -5.508578 0.297735 -18.502 0.000

L26.Temp -0.058305 0.164942 -0.353 0.724

L26.Precip. horaria -0.000004 0.000003 -1.437 0.151

L26.Temp. prom aire 0.000001 0.000001 0.814 0.415

L27.Conduct -0.008894 0.010105 -0.880 0.379

L27.Water 6.150952 0.248289 24.773 0.000

L27.Temp 0.068910 0.145283 0.474 0.635

L27.Precip. horaria -0.000000 0.000003 -0.061 0.951

L27.Temp. prom aire -0.000002 0.000001 -1.688 0.091

L28.Conduct 0.002829 0.009988 0.283 0.777

L28.Water -5.060518 0.218013 -23.212 0.000

L28.Temp -0.046747 0.183006 -0.255 0.798

L28.Precip. horaria 0.000002 0.000003 0.605 0.545

L28.Temp. prom aire 0.000001 0.000001 0.943 0.346

L29.Conduct -0.006934 0.010041 -0.691 0.490

L29.Water 3.543271 0.291328 12.163 0.000

L29.Temp 0.055064 0.237033 0.232 0.816

L29.Precip. horaria 0.000001 0.000003 0.257 0.797

L29.Temp. prom aire 0.000001 0.000001 0.474 0.635

L30.Conduct 0.004174 0.010049 0.415 0.678

L30.Water -2.315924 0.331709 -6.982 0.000

L30.Temp -0.116345 0.232193 -0.501 0.616

L30.Precip. horaria 0.000003 0.000003 1.048 0.295

L30.Temp. prom aire -0.000000 0.000001 -0.404 0.686

L31.Conduct -0.002138 0.010060 -0.213 0.832

L31.Water 1.412661 0.276926 5.101 0.000

L31.Temp 0.130908 0.167280 0.783 0.434

L31.Precip. horaria -0.000005 0.000003 -1.970 0.049

L31.Temp. prom aire 0.000001 0.000001 0.577 0.564

L32.Conduct 0.002030 0.010187 0.199 0.842

L32.Water -0.880301 0.246016 -3.578 0.000

L32.Temp -0.081369 0.111970 -0.727 0.467

L32.Precip. horaria 0.000000 0.000003 0.140 0.888

L32.Temp. prom aire -0.000000 0.000001 -0.080 0.937

L33.Conduct -0.002869 0.010366 -0.277 0.782

L33.Water 0.575468 0.331972 1.733 0.083

L33.Temp 0.040963 0.131481 0.312 0.755

L33.Precip. horaria -0.000002 0.000003 -0.935 0.350

L33.Temp. prom aire -0.000001 0.000001 -1.242 0.214

L34.Conduct 0.006193 0.010375 0.597 0.551

L34.Water -0.385461 0.372834 -1.034 0.301

L34.Temp -0.032202 0.147620 -0.218 0.827

L34.Precip. horaria -0.000000 0.000003 -0.040 0.968

L34.Temp. prom aire 0.000002 0.000001 1.675 0.094

L35.Conduct -0.003652 0.010209 -0.358 0.721

L35.Water 0.292714 0.305003 0.960 0.337

L35.Temp 0.024559 0.136003 0.181 0.857

L35.Precip. horaria 0.000005 0.000003 1.808 0.071

L35.Temp. prom aire -0.000002 0.000001 -1.443 0.149

L36.Conduct -0.003791 0.010040 -0.378 0.706

L36.Water -0.243160 0.257491 -0.944 0.345

L36.Temp -0.012574 0.154197 -0.082 0.935

L36.Precip. horaria -0.000003 0.000003 -0.995 0.320

L36.Temp. prom aire 0.000002 0.000001 1.807 0.071

L37.Conduct 0.003515 0.010071 0.349 0.727

L37.Water 0.205727 0.354174 0.581 0.561

L37.Temp 0.017560 0.210407 0.083 0.933

L37.Precip. horaria -0.000003 0.000003 -1.001 0.317

L37.Temp. prom aire -0.000002 0.000001 -1.614 0.106

L38.Conduct -0.003375 0.010151 -0.332 0.740

L38.Water -0.174211 0.424217 -0.411 0.681

L38.Temp -0.033220 0.241962 -0.137 0.891

L38.Precip. horaria -0.000003 0.000003 -1.063 0.288

L38.Temp. prom aire 0.000001 0.000001 1.145 0.252

L39.Conduct 0.010676 0.010048 1.063 0.288

L39.Water 0.155980 0.376478 0.414 0.679

L39.Temp 0.031102 0.217508 0.143 0.886

L39.Precip. horaria -0.000003 0.000003 -1.108 0.268

L39.Temp. prom aire -0.000002 0.000001 -1.643 0.100

L40.Conduct -0.014377 0.009993 -1.439 0.150

L40.Water -0.149927 0.281812 -0.532 0.595

L40.Temp -0.015881 0.157986 -0.101 0.920

L40.Precip. horaria -0.000003 0.000003 -1.119 0.263

L40.Temp. prom aire 0.000001 0.000001 0.866 0.386

L41.Conduct 0.007474 0.009991 0.748 0.454

L41.Water 0.196838 0.290837 0.677 0.499

L41.Temp 0.009525 0.123028 0.077 0.938

L41.Precip. horaria 0.000003 0.000003 1.075 0.282

L41.Temp. prom aire 0.000001 0.000001 0.653 0.514

L42.Conduct 0.001149 0.010026 0.115 0.909

L42.Water -0.322373 0.338987 -0.951 0.342

L42.Temp 0.001378 0.117747 0.012 0.991

L42.Precip. horaria 0.000002 0.000003 0.604 0.546

L42.Temp. prom aire -0.000001 0.000001 -0.608 0.543

L43.Conduct 0.000630 0.010082 0.063 0.950

L43.Water 0.482391 0.311641 1.548 0.122

L43.Temp -0.015209 0.107642 -0.141 0.888

L43.Precip. horaria 0.000001 0.000003 0.293 0.770

L43.Temp. prom aire 0.000001 0.000001 0.623 0.533

L44.Conduct 0.004993 0.010096 0.494 0.621

L44.Water -0.798083 0.237011 -3.367 0.001

L44.Temp 0.006327 0.128510 0.049 0.961

L44.Precip. horaria 0.000002 0.000003 0.924 0.356

L44.Temp. prom aire -0.000001 0.000001 -0.855 0.393

L45.Conduct -0.016895 0.010173 -1.661 0.097

L45.Water 1.157822 0.187286 6.182 0.000

L45.Temp 0.006306 0.152741 0.041 0.967

L45.Precip. horaria -0.000001 0.000003 -0.483 0.629

L45.Temp. prom aire 0.000001 0.000001 0.761 0.447

L46.Conduct 0.005007 0.009649 0.519 0.604

L46.Water -1.024023 0.134171 -7.632 0.000

L46.Temp -0.003171 0.121698 -0.026 0.979

L46.Precip. horaria 0.000001 0.000003 0.335 0.738

L46.Temp. prom aire 0.000000 0.000001 0.079 0.937

L47.Conduct 0.009808 0.006192 1.584 0.113

L47.Water 0.463035 0.060143 7.699 0.000

L47.Temp -0.000763 0.055804 -0.014 0.989

L47.Precip. horaria 0.000002 0.000003 0.744 0.457

L47.Temp. prom aire -0.000000 0.000001 -0.264 0.792

L48.Conduct -0.005258 0.001698 -3.096 0.002

L48.Water -0.081900 0.011833 -6.921 0.000

L48.Temp 0.000290 0.011104 0.026 0.979

L48.Precip. horaria 0.000004 0.000002 1.781 0.075

L48.Temp. prom aire 0.000000 0.000001 0.009 0.993

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000044 0.000024 1.855 0.064

L1.Conduct -0.361092 0.051218 -7.050 0.000

L1.Water 1.442982 0.105071 13.733 0.000

L1.Temp 3.284188 0.014711 223.246 0.000

L1.Precip. horaria 0.000002 0.000011 0.198 0.843

L1.Temp. prom aire -0.000012 0.000003 -3.908 0.000

L2.Conduct 1.369549 0.255480 5.361 0.000

L2.Water -5.977377 0.509696 -11.727 0.000

L2.Temp -3.593764 0.063772 -56.353 0.000

L2.Precip. horaria -0.000001 0.000013 -0.114 0.909

L2.Temp. prom aire 0.000006 0.000005 1.024 0.306

L3.Conduct -2.056666 0.572126 -3.595 0.000

L3.Water 9.867284 1.049909 9.398 0.000

L3.Temp 1.371253 0.126446 10.845 0.000

L3.Precip. horaria -0.000002 0.000013 -0.131 0.896

L3.Temp. prom aire 0.000004 0.000006 0.714 0.475

L4.Conduct 1.692999 0.802718 2.109 0.035

L4.Water -8.693215 1.227720 -7.081 0.000

L4.Temp -0.394803 0.160818 -2.455 0.014

L4.Precip. horaria 0.000001 0.000013 0.086 0.931

L4.Temp. prom aire -0.000002 0.000006 -0.311 0.755

L5.Conduct -1.071606 0.892279 -1.201 0.230

L5.Water 5.423379 1.200048 4.519 0.000

L5.Temp 0.557631 0.171461 3.252 0.001

L5.Precip. horaria 0.000001 0.000013 0.063 0.950

L5.Temp. prom aire 0.000009 0.000006 1.528 0.126

L6.Conduct 0.692382 0.927570 0.746 0.455

L6.Water -3.539303 1.562568 -2.265 0.024

L6.Temp -0.247006 0.191970 -1.287 0.198

L6.Precip. horaria 0.000001 0.000013 0.094 0.925

L6.Temp. prom aire -0.000007 0.000006 -1.241 0.214

L7.Conduct -0.406030 0.858885 -0.473 0.636

L7.Water 2.290882 1.757937 1.303 0.193

L7.Temp 0.150761 0.192235 0.784 0.433

L7.Precip. horaria 0.000002 0.000013 0.189 0.850

L7.Temp. prom aire 0.000007 0.000006 1.275 0.202

L8.Conduct 0.192289 0.613696 0.313 0.754

L8.Water -1.268566 1.356331 -0.935 0.350

L8.Temp -0.123249 0.137207 -0.898 0.369

L8.Precip. horaria 0.000004 0.000013 0.331 0.740

L8.Temp. prom aire -0.000006 0.000006 -1.068 0.285

L9.Conduct -0.016429 0.387155 -0.042 0.966

L9.Water 0.653868 0.675850 0.967 0.333

L9.Temp 0.001964 0.064168 0.031 0.976

L9.Precip. horaria 0.000003 0.000013 0.241 0.809

L9.Temp. prom aire 0.000000 0.000006 0.003 0.997

L10.Conduct -0.089294 0.548383 -0.163 0.871

L10.Water -0.257360 0.841931 -0.306 0.760

L10.Temp -0.019257 0.099764 -0.193 0.847

L10.Precip. horaria 0.000001 0.000013 0.085 0.932

L10.Temp. prom aire 0.000005 0.000006 0.914 0.361

L11.Conduct 0.102385 0.668931 0.153 0.878

L11.Water 0.110497 1.054758 0.105 0.917

L11.Temp -0.012982 0.129317 -0.100 0.920

L11.Precip. horaria 0.000000 0.000013 0.004 0.997

L11.Temp. prom aire -0.000004 0.000006 -0.716 0.474

L12.Conduct -0.081297 0.519931 -0.156 0.876

L12.Water -0.082143 0.640314 -0.128 0.898

L12.Temp 0.009811 0.088248 0.111 0.911

L12.Precip. horaria 0.000007 0.000013 0.517 0.605

L12.Temp. prom aire 0.000006 0.000006 0.972 0.331

L13.Conduct 0.020455 0.392303 0.052 0.958

L13.Water 0.101258 0.661330 0.153 0.878

L13.Temp 0.012372 0.068595 0.180 0.857

L13.Precip. horaria 0.000003 0.000013 0.240 0.810

L13.Temp. prom aire -0.000004 0.000006 -0.778 0.437

L14.Conduct 0.069855 0.695292 0.100 0.920

L14.Water -0.214741 1.516413 -0.142 0.887

L14.Temp -0.013093 0.158446 -0.083 0.934

L14.Precip. horaria 0.000004 0.000013 0.339 0.734

L14.Temp. prom aire -0.000002 0.000006 -0.310 0.757

L15.Conduct -0.135824 0.960356 -0.141 0.888

L15.Water 0.267155 1.912517 0.140 0.889

L15.Temp 0.041817 0.214479 0.195 0.845

L15.Precip. horaria -0.000001 0.000013 -0.084 0.933

L15.Temp. prom aire 0.000000 0.000006 0.047 0.963

L16.Conduct 0.201664 1.054059 0.191 0.848

L16.Water -0.282418 1.803185 -0.157 0.876

L16.Temp -0.038902 0.222160 -0.175 0.861

L16.Precip. horaria -0.000001 0.000013 -0.081 0.935

L16.Temp. prom aire -0.000000 0.000006 -0.020 0.984

L17.Conduct -0.299170 1.168619 -0.256 0.798

L17.Water 0.409837 1.874875 0.219 0.827

L17.Temp 0.062432 0.240359 0.260 0.795

L17.Precip. horaria 0.000003 0.000013 0.269 0.788

L17.Temp. prom aire -0.000000 0.000006 -0.083 0.934

L18.Conduct 0.347928 1.369073 0.254 0.799

L18.Water -0.563584 2.309669 -0.244 0.807

L18.Temp -0.083342 0.285678 -0.292 0.770

L18.Precip. horaria -0.000002 0.000013 -0.192 0.847

L18.Temp. prom aire 0.000001 0.000006 0.160 0.873

L19.Conduct -0.266470 1.414196 -0.188 0.851

L19.Water 0.593892 2.385194 0.249 0.803

L19.Temp 0.060474 0.293239 0.206 0.837

L19.Precip. horaria -0.000002 0.000013 -0.154 0.877

L19.Temp. prom aire 0.000002 0.000006 0.271 0.787

L20.Conduct 0.076965 1.175592 0.065 0.948

L20.Water -0.476850 1.981400 -0.241 0.810

L20.Temp -0.045638 0.237819 -0.192 0.848

L20.Precip. horaria -0.000003 0.000013 -0.259 0.795

L20.Temp. prom aire 0.000002 0.000006 0.302 0.762

L21.Conduct 0.040764 0.891265 0.046 0.964

L21.Water 0.496680 1.929445 0.257 0.797

L21.Temp 0.027606 0.194632 0.142 0.887

L21.Precip. horaria -0.000003 0.000013 -0.247 0.805

L21.Temp. prom aire 0.000000 0.000006 0.008 0.994

L22.Conduct 0.131238 0.914279 0.144 0.886

L22.Water -1.144601 2.385418 -0.480 0.631

L22.Temp -0.077093 0.225418 -0.342 0.732

L22.Precip. horaria -0.000001 0.000013 -0.081 0.935

L22.Temp. prom aire 0.000002 0.000006 0.272 0.786

L23.Conduct -0.549778 0.920522 -0.597 0.550

L23.Water 2.561903 2.291389 1.118 0.264

L23.Temp -0.240090 0.308120 -0.779 0.436

L23.Precip. horaria 0.000000 0.000013 0.021 0.983

L23.Temp. prom aire -0.000003 0.000006 -0.560 0.576

L24.Conduct 0.726514 0.614230 1.183 0.237

L24.Water -3.473833 1.438802 -2.414 0.016

L24.Temp 0.587253 0.529226 1.110 0.267

L24.Precip. horaria 0.000006 0.000013 0.437 0.662

L24.Temp. prom aire 0.000003 0.000006 0.439 0.661

L25.Conduct -0.379303 0.219389 -1.729 0.084

L25.Water 2.795816 1.227019 2.279 0.023

L25.Temp 0.486591 0.783295 0.621 0.534

L25.Precip. horaria 0.000002 0.000013 0.162 0.871

L25.Temp. prom aire 0.000003 0.000006 0.460 0.646

L26.Conduct 0.032171 0.052133 0.617 0.537

L26.Water -2.439893 1.496292 -1.631 0.103

L26.Temp -1.570912 0.828930 -1.895 0.058

L26.Precip. horaria 0.000004 0.000013 0.331 0.741

L26.Temp. prom aire -0.000001 0.000006 -0.152 0.879

L27.Conduct 0.009467 0.050783 0.186 0.852

L27.Water 3.370962 1.247797 2.702 0.007

L27.Temp 0.938529 0.730130 1.285 0.199

L27.Precip. horaria 0.000003 0.000013 0.222 0.825

L27.Temp. prom aire -0.000002 0.000006 -0.378 0.705

L28.Conduct -0.004904 0.050195 -0.098 0.922

L28.Water -3.483059 1.095641 -3.179 0.001

L28.Temp -0.276757 0.919708 -0.301 0.763

L28.Precip. horaria 0.000004 0.000013 0.347 0.729

L28.Temp. prom aire -0.000001 0.000006 -0.093 0.926

L29.Conduct 0.010184 0.050460 0.202 0.840

L29.Water 2.523718 1.464088 1.724 0.085

L29.Temp 0.209817 1.191226 0.176 0.860

L29.Precip. horaria -0.000002 0.000013 -0.193 0.847

L29.Temp. prom aire -0.000005 0.000006 -0.834 0.404

L30.Conduct -0.001837 0.050503 -0.036 0.971

L30.Water -1.769588 1.667028 -1.062 0.288

L30.Temp -0.020325 1.166904 -0.017 0.986

L30.Precip. horaria -0.000005 0.000013 -0.393 0.694

L30.Temp. prom aire -0.000001 0.000006 -0.166 0.868

L31.Conduct 0.003170 0.050557 0.063 0.950

L31.Water 1.205278 1.391710 0.866 0.386

L31.Temp 0.000724 0.840680 0.001 0.999

L31.Precip. horaria -0.000005 0.000013 -0.422 0.673

L31.Temp. prom aire 0.000000 0.000006 0.022 0.983

L32.Conduct 0.003860 0.051198 0.075 0.940

L32.Water -0.718397 1.236372 -0.581 0.561

L32.Temp -0.066718 0.562713 -0.119 0.906

L32.Precip. horaria -0.000001 0.000013 -0.082 0.935

L32.Temp. prom aire -0.000002 0.000006 -0.414 0.679

L33.Conduct -0.003194 0.052097 -0.061 0.951

L33.Water 0.421027 1.668348 0.252 0.801

L33.Temp 0.074216 0.660767 0.112 0.911

L33.Precip. horaria 0.000001 0.000013 0.096 0.923

L33.Temp. prom aire 0.000006 0.000006 1.077 0.282

L34.Conduct -0.001258 0.052143 -0.024 0.981

L34.Water -0.193786 1.873703 -0.103 0.918

L34.Temp -0.120743 0.741876 -0.163 0.871

L34.Precip. horaria 0.000000 0.000013 0.012 0.991

L34.Temp. prom aire -0.000004 0.000006 -0.645 0.519

L35.Conduct -0.002027 0.051306 -0.039 0.968

L35.Water 0.060801 1.532817 0.040 0.968

L35.Temp 0.123558 0.683492 0.181 0.857

L35.Precip. horaria -0.000001 0.000013 -0.091 0.927

L35.Temp. prom aire -0.000001 0.000006 -0.138 0.890

L36.Conduct -0.001672 0.050457 -0.033 0.974

L36.Water -0.011953 1.294043 -0.009 0.993

L36.Temp -0.126219 0.774929 -0.163 0.871

L36.Precip. horaria -0.000001 0.000013 -0.110 0.913

L36.Temp. prom aire -0.000000 0.000006 -0.004 0.997

L37.Conduct 0.011317 0.050612 0.224 0.823

L37.Water -0.036246 1.779925 -0.020 0.984

L37.Temp 0.102425 1.057417 0.097 0.923

L37.Precip. horaria -0.000001 0.000013 -0.061 0.952

L37.Temp. prom aire 0.000001 0.000006 0.101 0.919

L38.Conduct -0.006016 0.051016 -0.118 0.906

L38.Water 0.040762 2.131933 0.019 0.985

L38.Temp -0.064811 1.215997 -0.053 0.957

L38.Precip. horaria -0.000001 0.000013 -0.089 0.929

L38.Temp. prom aire 0.000003 0.000006 0.477 0.633

L39.Conduct 0.003650 0.050495 0.072 0.942

L39.Water -0.034193 1.892020 -0.018 0.986

L39.Temp 0.082761 1.093105 0.076 0.940

L39.Precip. horaria 0.000001 0.000013 0.089 0.929

L39.Temp. prom aire -0.000001 0.000006 -0.238 0.812

L40.Conduct -0.013028 0.050222 -0.259 0.795

L40.Water 0.063415 1.416268 0.045 0.964

L40.Temp -0.103432 0.793970 -0.130 0.896

L40.Precip. horaria 0.000000 0.000013 0.023 0.982

L40.Temp. prom aire 0.000001 0.000006 0.240 0.811

L41.Conduct 0.010518 0.050211 0.209 0.834

L41.Water -0.062130 1.461621 -0.043 0.966

L41.Temp 0.111714 0.618285 0.181 0.857

L41.Precip. horaria 0.000000 0.000013 0.013 0.989

L41.Temp. prom aire -0.000001 0.000006 -0.211 0.833

L42.Conduct -0.002748 0.050384 -0.055 0.956

L42.Water -0.010092 1.703603 -0.006 0.995

L42.Temp -0.120529 0.591745 -0.204 0.839

L42.Precip. horaria -0.000004 0.000013 -0.286 0.775

L42.Temp. prom aire -0.000002 0.000006 -0.305 0.760

L43.Conduct -0.001231 0.050668 -0.024 0.981

L43.Water 0.134216 1.566176 0.086 0.932

L43.Temp 0.136384 0.540965 0.252 0.801

L43.Precip. horaria -0.000006 0.000013 -0.437 0.662

L43.Temp. prom aire -0.000000 0.000006 -0.042 0.967

L44.Conduct -0.004549 0.050740 -0.090 0.929

L44.Water -0.253716 1.191116 -0.213 0.831

L44.Temp -0.213423 0.645837 -0.330 0.741

L44.Precip. horaria -0.000002 0.000013 -0.156 0.876

L44.Temp. prom aire -0.000002 0.000006 -0.409 0.683

L45.Conduct -0.003374 0.051127 -0.066 0.947

L45.Water 0.377052 0.941219 0.401 0.689

L45.Temp 0.270999 0.767614 0.353 0.724

L45.Precip. horaria -0.000004 0.000013 -0.322 0.748

L45.Temp. prom aire 0.000000 0.000006 0.071 0.943

L46.Conduct 0.040066 0.048492 0.826 0.409

L46.Water -0.448776 0.674287 -0.666 0.506

L46.Temp -0.150508 0.611604 -0.246 0.806

L46.Precip. horaria -0.000006 0.000013 -0.443 0.658

L46.Temp. prom aire -0.000001 0.000006 -0.179 0.858

L47.Conduct -0.045592 0.031120 -1.465 0.143

L47.Water 0.306189 0.302254 1.013 0.311

L47.Temp -0.000560 0.280446 -0.002 0.998

L47.Precip. horaria -0.000006 0.000013 -0.433 0.665

L47.Temp. prom aire 0.000003 0.000005 0.484 0.628

L48.Conduct 0.014998 0.008535 1.757 0.079

L48.Water -0.083032 0.059469 -1.396 0.163

L48.Temp 0.018873 0.055802 0.338 0.735

L48.Precip. horaria -0.000004 0.000011 -0.331 0.740

L48.Temp. prom aire 0.000003 0.000003 0.920 0.358

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.052670 0.020371 -2.586 0.010

L1.Conduct 24.976512 43.768702 0.571 0.568

L1.Water -24.880572 89.789400 -0.277 0.782

L1.Temp -2.431879 12.571530 -0.193 0.847

L1.Precip. horaria 0.557573 0.009380 59.441 0.000

L1.Temp. prom aire -0.001953 0.002634 -0.741 0.458

L2.Conduct -170.778302 218.323175 -0.782 0.434

L2.Water 197.442913 435.566547 0.453 0.650

L2.Temp 24.681964 54.497137 0.453 0.651

L2.Precip. horaria 0.141859 0.010767 13.175 0.000

L2.Temp. prom aire 0.008014 0.004610 1.738 0.082

L3.Conduct 473.921549 488.916828 0.969 0.332

L3.Water -564.178415 897.212120 -0.629 0.529

L3.Temp -85.555178 108.055943 -0.792 0.428

L3.Precip. horaria 0.007501 0.010864 0.690 0.490

L3.Temp. prom aire -0.005067 0.004858 -1.043 0.297

L4.Conduct -756.608987 685.972123 -1.103 0.270

L4.Water 872.356936 1049.162460 0.831 0.406

L4.Temp 146.048117 137.428739 1.063 0.288

L4.Precip. horaria -0.024411 0.010837 -2.253 0.024

L4.Temp. prom aire 0.002507 0.004861 0.516 0.606

L5.Conduct 835.481808 762.507560 1.096 0.273

L5.Water -856.257623 1025.515425 -0.835 0.404

L5.Temp -151.734211 146.523804 -1.036 0.300

L5.Precip. horaria -0.002059 0.010833 -0.190 0.849

L5.Temp. prom aire -0.004250 0.004864 -0.874 0.382

L6.Conduct -776.693077 792.666340 -0.980 0.327

L6.Water 631.380902 1335.310799 0.473 0.636

L6.Temp 131.756877 164.050347 0.803 0.422

L6.Precip. horaria 0.014176 0.010835 1.308 0.191

L6.Temp. prom aire 0.004564 0.004863 0.938 0.348

L7.Conduct 738.073866 733.970138 1.006 0.315

L7.Water -538.516625 1502.265682 -0.358 0.720

L7.Temp -125.337161 164.276989 -0.763 0.445

L7.Precip. horaria 0.041856 0.010854 3.856 0.000

L7.Temp. prom aire -0.003273 0.004862 -0.673 0.501

L8.Conduct -707.732579 524.441433 -1.349 0.177

L8.Water 631.502498 1159.069174 0.545 0.586

L8.Temp 125.132600 117.252229 1.067 0.286

L8.Precip. horaria -0.041319 0.010943 -3.776 0.000

L8.Temp. prom aire 0.003533 0.004868 0.726 0.468

L9.Conduct 651.597577 330.848280 1.969 0.049

L9.Water -784.073075 577.555567 -1.358 0.175

L9.Temp -130.276341 54.835644 -2.376 0.018

L9.Precip. horaria 0.036541 0.010936 3.341 0.001

L9.Temp. prom aire -0.002638 0.004875 -0.541 0.588

L10.Conduct -611.829809 468.627550 -1.306 0.192

L10.Water 957.907329 719.482300 1.331 0.183

L10.Temp 132.683211 85.254841 1.556 0.120

L10.Precip. horaria 0.045786 0.010882 4.207 0.000

L10.Temp. prom aire 0.003771 0.004869 0.775 0.439

L11.Conduct 650.765510 571.643137 1.138 0.255

L11.Water -1033.408818 901.356148 -1.147 0.252

L11.Temp -133.185380 110.509410 -1.205 0.228

L11.Precip. horaria -0.008583 0.010870 -0.790 0.430

L11.Temp. prom aire -0.001767 0.004873 -0.363 0.717

L12.Conduct -791.620408 444.313289 -1.782 0.075

L12.Water 885.768718 547.188260 1.619 0.105

L12.Temp 142.887125 75.413615 1.895 0.058

L12.Precip. horaria 0.035530 0.010895 3.261 0.001

L12.Temp. prom aire -0.004181 0.004883 -0.856 0.392

L13.Conduct 722.513686 335.247417 2.155 0.031

L13.Water -418.527471 565.147359 -0.741 0.459

L13.Temp -120.063130 58.618721 -2.048 0.041

L13.Precip. horaria -0.002046 0.010938 -0.187 0.852

L13.Temp. prom aire 0.003308 0.004881 0.678 0.498

L14.Conduct -158.715976 594.169936 -0.267 0.789

L14.Water -322.486627 1295.868899 -0.249 0.803

L14.Temp 15.186254 135.401714 0.112 0.911

L14.Precip. horaria -0.018979 0.010948 -1.734 0.083

L14.Temp. prom aire 0.002725 0.004872 0.559 0.576

L15.Conduct -620.560981 820.683946 -0.756 0.450

L15.Water 989.654748 1634.364270 0.606 0.545

L15.Temp 124.896326 183.285947 0.681 0.496

L15.Precip. horaria 0.015216 0.010870 1.400 0.162

L15.Temp. prom aire -0.003588 0.004869 -0.737 0.461

L16.Conduct 1111.604332 900.758375 1.234 0.217

L16.Water -1103.460806 1540.933187 -0.716 0.474

L16.Temp -192.424441 189.849338 -1.014 0.311

L16.Precip. horaria -0.027075 0.010916 -2.480 0.013

L16.Temp. prom aire 0.001810 0.004879 0.371 0.711

L17.Conduct -1120.122558 998.657111 -1.122 0.262

L17.Water 613.317903 1602.196362 0.383 0.702

L17.Temp 177.204667 205.401697 0.863 0.388

L17.Precip. horaria 0.006536 0.010900 0.600 0.549

L17.Temp. prom aire 0.000764 0.004877 0.157 0.876

L18.Conduct 819.100607 1169.957666 0.700 0.484

L18.Water -142.230788 1973.755469 -0.072 0.943

L18.Temp -127.033243 244.129763 -0.520 0.603

L18.Precip. horaria 0.005876 0.010852 0.541 0.588

L18.Temp. prom aire 0.000187 0.004887 0.038 0.969

L19.Conduct -261.619226 1208.517924 -0.216 0.829

L19.Water -322.116715 2038.295615 -0.158 0.874

L19.Temp 16.257254 250.591143 0.065 0.948

L19.Precip. horaria -0.013321 0.010845 -1.228 0.219

L19.Temp. prom aire -0.004001 0.004947 -0.809 0.419

L20.Conduct -570.361129 1004.616333 -0.568 0.570

L20.Water 1402.882922 1693.228630 0.829 0.407

L20.Temp 149.718571 203.230636 0.737 0.461

L20.Precip. horaria -0.010602 0.010862 -0.976 0.329

L20.Temp. prom aire 0.008274 0.004939 1.675 0.094

L21.Conduct 1260.744321 761.640994 1.655 0.098

L21.Water -2470.674572 1648.829992 -1.498 0.134

L21.Temp -286.323657 166.324805 -1.721 0.085

L21.Precip. horaria -0.012918 0.010850 -1.191 0.234

L21.Temp. prom aire -0.004785 0.004891 -0.978 0.328

L22.Conduct -1350.676088 781.307576 -1.729 0.084

L22.Water 2481.864068 2038.487364 1.218 0.223

L22.Temp 309.431651 192.633655 1.606 0.108

L22.Precip. horaria 0.002747 0.010829 0.254 0.800

L22.Temp. prom aire 0.000547 0.004880 0.112 0.911

L23.Conduct 935.579500 786.643095 1.189 0.234

L23.Water -2067.664379 1958.134135 -1.056 0.291

L23.Temp -114.265457 263.307905 -0.434 0.664

L23.Precip. horaria 0.040714 0.010829 3.760 0.000

L23.Temp. prom aire -0.002180 0.004892 -0.446 0.656

L24.Conduct -427.538962 524.897633 -0.815 0.415

L24.Water 2262.708432 1229.545116 1.840 0.066

L24.Temp -279.689873 452.256085 -0.618 0.536

L24.Precip. horaria -0.011774 0.010838 -1.086 0.277

L24.Temp. prom aire -0.002477 0.004901 -0.505 0.613

L25.Conduct 107.546923 187.481847 0.574 0.566

L25.Water -2496.479704 1048.563266 -2.381 0.017

L25.Temp 552.192724 669.373929 0.825 0.409

L25.Precip. horaria -0.021277 0.010856 -1.960 0.050

L25.Temp. prom aire 0.005106 0.004910 1.040 0.298

L26.Conduct -10.523040 44.551190 -0.236 0.813

L26.Water 1913.384737 1278.673962 1.496 0.135

L26.Temp -443.901234 708.371680 -0.627 0.531

L26.Precip. horaria 0.016146 0.010848 1.488 0.137

L26.Temp. prom aire -0.000443 0.004904 -0.090 0.928

L27.Conduct -1.124798 43.396880 -0.026 0.979

L27.Water -807.105782 1066.319642 -0.757 0.449

L27.Temp 113.864439 623.941335 0.182 0.855

L27.Precip. horaria 0.006810 0.010853 0.628 0.530

L27.Temp. prom aire -0.004444 0.004900 -0.907 0.364

L28.Conduct 12.190828 42.894673 0.284 0.776

L28.Water -121.070500 936.292982 -0.129 0.897

L28.Temp 127.723869 785.947489 0.163 0.871

L28.Precip. horaria 0.022000 0.010864 2.025 0.043

L28.Temp. prom aire 0.004836 0.004926 0.982 0.326

L29.Conduct -4.016121 43.121284 -0.093 0.926

L29.Water 520.652713 1251.153964 0.416 0.677

L29.Temp -160.233137 1017.975968 -0.157 0.875

L29.Precip. horaria -0.011995 0.010864 -1.104 0.270

L29.Temp. prom aire -0.005618 0.004940 -1.137 0.255

L30.Conduct -4.446799 43.157682 -0.103 0.918

L30.Water -597.726191 1424.578797 -0.420 0.675

L30.Temp 75.087810 997.191454 0.075 0.940

L30.Precip. horaria -0.004095 0.010857 -0.377 0.706

L30.Temp. prom aire 0.006740 0.004912 1.372 0.170

L31.Conduct -0.584979 43.203840 -0.014 0.989

L31.Water 638.099066 1189.302149 0.537 0.592

L31.Temp -25.388936 718.412842 -0.035 0.972

L31.Precip. horaria 0.009721 0.010873 0.894 0.371

L31.Temp. prom aire -0.005192 0.004889 -1.062 0.288

L32.Conduct 2.581557 43.751490 0.059 0.953

L32.Water -490.466482 1056.556065 -0.464 0.642

L32.Temp 89.768400 480.873275 0.187 0.852

L32.Precip. horaria 0.006288 0.010910 0.576 0.564

L32.Temp. prom aire 0.003571 0.004880 0.732 0.464

L33.Conduct -2.185376 44.520146 -0.049 0.961

L33.Water 115.198323 1425.706992 0.081 0.936

L33.Temp -215.940544 564.666122 -0.382 0.702

L33.Precip. horaria 0.001494 0.010921 0.137 0.891

L33.Temp. prom aire -0.006607 0.004869 -1.357 0.175

L34.Conduct 2.950623 44.559066 0.066 0.947

L34.Water 163.597143 1601.195239 0.102 0.919

L34.Temp 272.649310 633.978704 0.430 0.667

L34.Precip. horaria -0.013499 0.010899 -1.239 0.216

L34.Temp. prom aire 0.005400 0.004858 1.111 0.266

L35.Conduct -6.508339 43.843951 -0.148 0.882

L35.Water -210.624210 1309.887294 -0.161 0.872

L35.Temp -211.785654 584.085969 -0.363 0.717

L35.Precip. horaria -0.021716 0.010937 -1.985 0.047

L35.Temp. prom aire -0.005017 0.004857 -1.033 0.302

L36.Conduct 7.331232 43.118257 0.170 0.865

L36.Water 128.672051 1105.839465 0.116 0.907

L36.Temp 89.536780 662.224632 0.135 0.892

L36.Precip. horaria 0.003919 0.011026 0.355 0.722

L36.Temp. prom aire 0.008708 0.004861 1.791 0.073

L37.Conduct -3.312954 43.251510 -0.077 0.939

L37.Water -19.150466 1521.056399 -0.013 0.990

L37.Temp 21.405128 903.628535 0.024 0.981

L37.Precip. horaria 0.002799 0.010979 0.255 0.799

L37.Temp. prom aire -0.004136 0.004865 -0.850 0.395

L38.Conduct 0.519105 43.596446 0.012 0.990

L38.Water -99.412790 1821.869030 -0.055 0.956

L38.Temp -44.315974 1039.144380 -0.043 0.966

L38.Precip. horaria -0.007445 0.010913 -0.682 0.495

L38.Temp. prom aire 0.001107 0.004860 0.228 0.820

L39.Conduct 1.147186 43.150724 0.027 0.979

L39.Water 304.553319 1616.847961 0.188 0.851

L39.Temp -55.050011 934.125763 -0.059 0.953

L39.Precip. horaria -0.000555 0.011087 -0.050 0.960

L39.Temp. prom aire -0.005317 0.004859 -1.094 0.274

L40.Conduct -5.624901 42.917699 -0.131 0.896

L40.Water -467.764178 1210.288282 -0.386 0.699

L40.Temp 219.954625 678.496202 0.324 0.746

L40.Precip. horaria -0.005279 0.011073 -0.477 0.634

L40.Temp. prom aire 0.005854 0.004859 1.205 0.228

L41.Conduct 10.258984 42.908641 0.239 0.811

L41.Water 358.793595 1249.045628 0.287 0.774

L41.Temp -339.814284 528.362906 -0.643 0.520

L41.Precip. horaria -0.000186 0.010937 -0.017 0.986

L41.Temp. prom aire -0.005474 0.004865 -1.125 0.260

L42.Conduct -7.184521 43.056512 -0.167 0.867

L42.Water -109.382904 1455.833894 -0.075 0.940

L42.Temp 335.249427 505.682527 0.663 0.507

L42.Precip. horaria -0.002780 0.010914 -0.255 0.799

L42.Temp. prom aire 0.000688 0.004877 0.141 0.888

L43.Conduct 0.081734 43.298813 0.002 0.998

L43.Water -52.275355 1338.393976 -0.039 0.969

L43.Temp -251.908710 462.288068 -0.545 0.586

L43.Precip. horaria 0.000805 0.011082 0.073 0.942

L43.Temp. prom aire 0.004682 0.004877 0.960 0.337

L44.Conduct 2.268977 43.360407 0.052 0.958

L44.Water 188.132311 1017.882723 0.185 0.853

L44.Temp 192.215567 551.907497 0.348 0.728

L44.Precip. horaria 0.014324 0.011162 1.283 0.199

L44.Temp. prom aire -0.002754 0.004870 -0.566 0.572

L45.Conduct -1.726614 43.691595 -0.040 0.968

L45.Water -390.741077 804.330222 -0.486 0.627

L45.Temp -145.368948 655.973496 -0.222 0.825

L45.Precip. horaria 0.011743 0.010998 1.068 0.286

L45.Temp. prom aire -0.004791 0.004875 -0.983 0.326

L46.Conduct 3.040109 41.439294 0.073 0.942

L46.Water 470.361136 576.219666 0.816 0.414

L46.Temp 66.978495 522.653174 0.128 0.898

L46.Precip. horaria 0.007860 0.010992 0.715 0.475

L46.Temp. prom aire 0.006977 0.004874 1.431 0.152

L47.Conduct -3.394867 26.593650 -0.128 0.898

L47.Water -285.579136 258.294761 -1.106 0.269

L47.Temp -7.241275 239.658635 -0.030 0.976

L47.Precip. horaria 0.007027 0.011014 0.638 0.523

L47.Temp. prom aire -0.000805 0.004623 -0.174 0.862

L48.Conduct 1.214200 7.293458 0.166 0.868

L48.Water 68.026790 50.819979 1.339 0.181

L48.Temp -3.241818 47.686207 -0.068 0.946

L48.Precip. horaria -0.007964 0.009490 -0.839 0.401

L48.Temp. prom aire -0.001926 0.002642 -0.729 0.466

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.185515 0.072258 2.567 0.010

L1.Conduct 143.422141 155.252992 0.924 0.356

L1.Water -339.912337 318.494091 -1.067 0.286

L1.Temp -80.413019 44.592768 -1.803 0.071

L1.Precip. horaria 0.036486 0.033273 1.097 0.273

L1.Temp. prom aire 1.436381 0.009342 153.760 0.000

L2.Conduct -558.313597 774.419263 -0.721 0.471

L2.Water 1297.128416 1545.008330 0.840 0.401

L2.Temp 288.954135 193.308076 1.495 0.135

L2.Precip. horaria 0.019630 0.038192 0.514 0.607

L2.Temp. prom aire -0.581980 0.016351 -35.592 0.000

L3.Conduct 806.775567 1734.248366 0.465 0.642

L3.Water -1603.113149 3182.522187 -0.504 0.614

L3.Temp -407.260163 383.287773 -1.063 0.288

L3.Precip. horaria -0.010791 0.038537 -0.280 0.779

L3.Temp. prom aire 0.076864 0.017231 4.461 0.000

L4.Conduct -192.970968 2433.227833 -0.079 0.937

L4.Water -38.069564 3721.508807 -0.010 0.992

L4.Temp 314.851298 487.476707 0.646 0.518

L4.Precip. horaria -0.020650 0.038439 -0.537 0.591

L4.Temp. prom aire -0.023467 0.017244 -1.361 0.174

L5.Conduct -1465.476193 2704.708479 -0.542 0.588

L5.Water 2506.103716 3637.629853 0.689 0.491

L5.Temp 6.943608 519.738028 0.013 0.989

L5.Precip. horaria -0.006900 0.038428 -0.180 0.857

L5.Temp. prom aire -0.017348 0.017251 -1.006 0.315

L6.Conduct 3405.322031 2811.685394 1.211 0.226

L6.Water -4147.460639 4736.512302 -0.876 0.381

L6.Temp -569.198025 581.906841 -0.978 0.328

L6.Precip. horaria 0.020567 0.038432 0.535 0.593

L6.Temp. prom aire 0.018855 0.017251 1.093 0.274

L7.Conduct -4114.810666 2603.482718 -1.581 0.114

L7.Water 3893.830827 5328.721888 0.731 0.465

L7.Temp 831.732049 582.710765 1.427 0.153

L7.Precip. horaria 0.016686 0.038499 0.433 0.665

L7.Temp. prom aire -0.035346 0.017248 -2.049 0.040

L8.Conduct 3059.104367 1860.258525 1.644 0.100

L8.Water -1251.576316 4111.361493 -0.304 0.761

L8.Temp -565.273919 415.908136 -1.359 0.174

L8.Precip. horaria 0.031431 0.038815 0.810 0.418

L8.Temp. prom aire 0.015641 0.017267 0.906 0.365

L9.Conduct -1577.576316 1173.559704 -1.344 0.179

L9.Water -1296.877114 2048.660920 -0.633 0.527

L9.Temp 324.685641 194.508802 1.669 0.095

L9.Precip. horaria -0.035853 0.038792 -0.924 0.355

L9.Temp. prom aire 0.005569 0.017292 0.322 0.747

L10.Conduct 1157.116889 1662.279791 0.696 0.486

L10.Water 536.344381 2552.092567 0.210 0.834

L10.Temp -192.684695 302.409448 -0.637 0.524

L10.Precip. horaria -0.050582 0.038600 -1.310 0.190

L10.Temp. prom aire -0.002268 0.017270 -0.131 0.896

L11.Conduct -1882.852607 2027.688798 -0.929 0.353

L11.Water 2519.523101 3197.221565 0.788 0.431

L11.Temp 297.885357 391.990524 0.760 0.447

L11.Precip. horaria 0.004209 0.038556 0.109 0.913

L11.Temp. prom aire -0.016159 0.017287 -0.935 0.350

L12.Conduct 2734.740531 1576.034103 1.735 0.083

L12.Water -4962.010679 1940.944331 -2.556 0.011

L12.Temp -798.861774 267.501404 -2.986 0.003

L12.Precip. horaria 0.017976 0.038647 0.465 0.642

L12.Temp. prom aire 0.016121 0.017320 0.931 0.352

L13.Conduct -2999.621646 1189.163987 -2.522 0.012

L13.Water 6506.012176 2004.647474 3.245 0.001

L13.Temp 946.961223 207.927844 4.554 0.000

L13.Precip. horaria -0.002263 0.038799 -0.058 0.953

L13.Temp. prom aire -0.016192 0.017314 -0.935 0.350

L14.Conduct 3165.285381 2107.594139 1.502 0.133

L14.Water -8386.765674 4596.607010 -1.825 0.068

L14.Temp -798.431011 480.286599 -1.662 0.096

L14.Precip. horaria -0.008200 0.038834 -0.211 0.833

L14.Temp. prom aire 0.027313 0.017281 1.580 0.114

L15.Conduct -3937.902364 2911.067303 -1.353 0.176

L15.Water 10368.097917 5797.291894 1.788 0.074

L15.Temp 1000.441246 650.137888 1.539 0.124

L15.Precip. horaria 0.025510 0.038557 0.662 0.508

L15.Temp. prom aire -0.015860 0.017271 -0.918 0.358

L16.Conduct 5256.986515 3195.101190 1.645 0.100

L16.Water -11215.288167 5465.880305 -2.052 0.040

L16.Temp -1295.959755 673.419046 -1.924 0.054

L16.Precip. horaria -0.018577 0.038721 -0.480 0.631

L16.Temp. prom aire -0.003144 0.017307 -0.182 0.856

L17.Conduct -6656.450050 3542.360096 -1.879 0.060

L17.Water 10954.637158 5683.188350 1.928 0.054

L17.Temp 1407.109069 728.585186 1.931 0.053

L17.Precip. horaria 0.013561 0.038665 0.351 0.726

L17.Temp. prom aire 0.021115 0.017298 1.221 0.222

L18.Conduct 7264.993818 4149.984319 1.751 0.080

L18.Water -10207.011770 7001.154386 -1.458 0.145

L18.Temp -1364.767669 865.958418 -1.576 0.115

L18.Precip. horaria 0.001969 0.038494 0.051 0.959

L18.Temp. prom aire -0.019001 0.017336 -1.096 0.273

L19.Conduct -6115.227246 4286.762315 -1.427 0.154

L19.Water 8338.576466 7230.086256 1.153 0.249

L19.Temp 1139.555748 888.877730 1.282 0.200

L19.Precip. horaria -0.023996 0.038470 -0.624 0.533

L19.Temp. prom aire 0.020836 0.017548 1.187 0.235

L20.Conduct 3612.690132 3563.498194 1.014 0.311

L20.Water -4784.304087 6006.091049 -0.797 0.426

L20.Temp -647.547379 720.884163 -0.898 0.369

L20.Precip. horaria -0.014026 0.038528 -0.364 0.716

L20.Temp. prom aire -0.019853 0.017520 -1.133 0.257

L21.Conduct -1450.583894 2701.634660 -0.537 0.591

L21.Water 1295.393739 5848.603595 0.221 0.825

L21.Temp 137.561760 589.974622 0.233 0.816

L21.Precip. horaria 0.017060 0.038486 0.443 0.658

L21.Temp. prom aire 0.015193 0.017348 0.876 0.381

L22.Conduct 433.512408 2771.394454 0.156 0.876

L22.Water -86.757597 7230.766413 -0.012 0.990

L22.Temp 86.488888 683.295364 0.127 0.899

L22.Precip. horaria 0.001351 0.038413 0.035 0.972

L22.Temp. prom aire 0.029788 0.017310 1.721 0.085

L23.Conduct 103.769886 2790.320201 0.037 0.970

L23.Water 741.243851 6945.743587 0.107 0.915

L23.Temp -247.231130 933.985655 -0.265 0.791

L23.Precip. horaria 0.023087 0.038413 0.601 0.548

L23.Temp. prom aire 0.051219 0.017351 2.952 0.003

L24.Conduct -432.221326 1861.876724 -0.232 0.816

L24.Water -2221.203902 4361.348364 -0.509 0.611

L24.Temp 642.281338 1604.208184 0.400 0.689

L24.Precip. horaria -0.015084 0.038444 -0.392 0.695

L24.Temp. prom aire 0.118479 0.017386 6.815 0.000

L25.Conduct 231.129132 665.021264 0.348 0.728

L25.Water 4208.216363 3719.383393 1.131 0.258

L25.Temp -806.353543 2374.351988 -0.340 0.734

L25.Precip. horaria 0.011821 0.038507 0.307 0.759

L25.Temp. prom aire -0.174988 0.017416 -10.048 0.000

L26.Conduct 127.942682 158.028574 0.810 0.418

L26.Water -4679.726823 4535.614447 -1.032 0.302

L26.Temp -393.888182 2512.681826 -0.157 0.875

L26.Precip. horaria -0.005085 0.038478 -0.132 0.895

L26.Temp. prom aire 0.001797 0.017396 0.103 0.918

L27.Conduct -229.786881 153.934093 -1.493 0.135

L27.Water 2797.790105 3782.367449 0.740 0.459

L27.Temp 2383.514165 2213.196966 1.077 0.282

L27.Precip. horaria -0.019183 0.038496 -0.498 0.618

L27.Temp. prom aire 0.013377 0.017382 0.770 0.442

L28.Conduct 203.150100 152.152702 1.335 0.182

L28.Water -1089.733192 3321.146828 -0.328 0.743

L28.Temp -3056.885259 2787.852799 -1.097 0.273

L28.Precip. horaria 0.011156 0.038536 0.290 0.772

L28.Temp. prom aire -0.015974 0.017475 -0.914 0.361

L29.Conduct -123.741094 152.956519 -0.809 0.419

L29.Water 134.546757 4437.997613 0.030 0.976

L29.Temp 2677.601605 3610.886469 0.742 0.458

L29.Precip. horaria -0.023935 0.038536 -0.621 0.535

L29.Temp. prom aire 0.021630 0.017523 1.234 0.217

L30.Conduct 41.585431 153.085629 0.272 0.786

L30.Water 1442.568800 5053.156912 0.285 0.775

L30.Temp -2772.549631 3537.161229 -0.784 0.433

L30.Precip. horaria -0.007332 0.038512 -0.190 0.849

L30.Temp. prom aire 0.010659 0.017425 0.612 0.541

L31.Conduct 1.300285 153.249354 0.008 0.993

L31.Water -2880.487492 4218.601591 -0.683 0.495

L31.Temp 2685.667967 2548.299066 1.054 0.292

L31.Precip. horaria -0.023816 0.038570 -0.617 0.537

L31.Temp. prom aire -0.012372 0.017341 -0.713 0.476

L32.Conduct -57.221215 155.191937 -0.369 0.712

L32.Water 3099.734729 3747.734836 0.827 0.408

L32.Temp -1557.363364 1705.716889 -0.913 0.361

L32.Precip. horaria 0.054345 0.038700 1.404 0.160

L32.Temp. prom aire -0.004882 0.017311 -0.282 0.778

L33.Conduct 69.215613 157.918456 0.438 0.661

L33.Water -1980.800541 5057.158762 -0.392 0.695

L33.Temp 144.034804 2002.940466 0.072 0.943

L33.Precip. horaria 0.004263 0.038736 0.110 0.912

L33.Temp. prom aire 0.019793 0.017270 1.146 0.252

L34.Conduct -6.789006 158.056509 -0.043 0.966

L34.Water -215.764124 5679.637245 -0.038 0.970

L34.Temp 567.390340 2248.800753 0.252 0.801

L34.Precip. horaria -0.020041 0.038660 -0.518 0.604

L34.Temp. prom aire -0.021364 0.017232 -1.240 0.215

L35.Conduct -48.311787 155.519907 -0.311 0.756

L35.Water 1809.116092 4646.331990 0.389 0.697

L35.Temp -311.590149 2071.825061 -0.150 0.880

L35.Precip. horaria 0.016149 0.038797 0.416 0.677

L35.Temp. prom aire 0.030847 0.017227 1.791 0.073

L36.Conduct 85.796610 152.945784 0.561 0.575

L36.Water -1639.342341 3922.549143 -0.418 0.676

L36.Temp 69.490368 2348.992548 0.030 0.976

L36.Precip. horaria -0.014953 0.039110 -0.382 0.702

L36.Temp. prom aire -0.035066 0.017243 -2.034 0.042

L37.Conduct -99.219031 153.418447 -0.647 0.518

L37.Water 982.208051 5395.374882 0.182 0.856

L37.Temp -562.344905 3205.282004 -0.175 0.861

L37.Precip. horaria -0.033159 0.038944 -0.851 0.395

L37.Temp. prom aire 0.020200 0.017256 1.171 0.242

L38.Conduct 26.184857 154.641979 0.169 0.866

L38.Water -809.484686 6462.394432 -0.125 0.900

L38.Temp 682.757862 3685.973439 0.185 0.853

L38.Precip. horaria 0.001256 0.038709 0.032 0.974

L38.Temp. prom aire -0.000256 0.017239 -0.015 0.988

L39.Conduct 116.362648 153.060946 0.760 0.447

L39.Water 260.869622 5735.159383 0.045 0.964

L39.Temp 323.064236 3313.459437 0.098 0.922

L39.Precip. horaria 0.021293 0.039326 0.541 0.588

L39.Temp. prom aire -0.021899 0.017236 -1.271 0.204

L40.Conduct -225.612224 152.234377 -1.482 0.138

L40.Water 1196.094504 4293.041993 0.279 0.781

L40.Temp -1485.269225 2406.709815 -0.617 0.537

L40.Precip. horaria -0.039314 0.039277 -1.001 0.317

L40.Temp. prom aire -0.009664 0.017237 -0.561 0.575

L41.Conduct 151.212669 152.202247 0.993 0.320

L41.Water -2419.917040 4430.519086 -0.546 0.585

L41.Temp 1609.478664 1874.168475 0.859 0.390

L41.Precip. horaria 0.013439 0.038794 0.346 0.729

L41.Temp. prom aire 0.005430 0.017256 0.315 0.753

L42.Conduct 45.720816 152.726767 0.299 0.765

L42.Water 2255.898927 5164.022603 0.437 0.662

L42.Temp -765.082682 1793.718369 -0.427 0.670

L42.Precip. horaria -0.028180 0.038712 -0.728 0.467

L42.Temp. prom aire 0.013291 0.017300 0.768 0.442

L43.Conduct -37.866601 153.586238 -0.247 0.805

L43.Water -1112.076546 4747.448710 -0.234 0.815

L43.Temp 11.573429 1639.792866 0.007 0.994

L43.Precip. horaria 0.028186 0.039309 0.717 0.473

L43.Temp. prom aire -0.013452 0.017301 -0.778 0.437

L44.Conduct -146.075732 153.804717 -0.950 0.342

L44.Water -7.621015 3610.555718 -0.002 0.998

L44.Temp 128.071150 1957.684048 0.065 0.948

L44.Precip. horaria -0.010236 0.039592 -0.259 0.796

L44.Temp. prom aire 0.026246 0.017273 1.519 0.129

L45.Conduct 156.763993 154.979484 1.012 0.312

L45.Water 479.579796 2853.058625 0.168 0.867

L45.Temp 14.363761 2326.818997 0.006 0.995

L45.Precip. horaria -0.032840 0.039010 -0.842 0.400

L45.Temp. prom aire -0.017390 0.017292 -1.006 0.315

L46.Conduct -16.482178 146.990293 -0.112 0.911

L46.Water -260.268932 2043.922313 -0.127 0.899

L46.Temp -40.877391 1853.915351 -0.022 0.982

L46.Precip. horaria 0.031812 0.038991 0.816 0.415

L46.Temp. prom aire 0.001850 0.017289 0.107 0.915

L47.Conduct -38.788343 94.330960 -0.411 0.681

L47.Water -33.218227 916.203415 -0.036 0.971

L47.Temp -25.188957 850.098773 -0.030 0.976

L47.Precip. horaria 0.011855 0.039067 0.303 0.762

L47.Temp. prom aire 0.107871 0.016398 6.578 0.000

L48.Conduct 13.819049 25.870797 0.534 0.593

L48.Water 45.273406 180.264742 0.251 0.802

L48.Temp 22.576966 169.148866 0.133 0.894

L48.Precip. horaria 0.009591 0.033661 0.285 0.776

L48.Temp. prom aire -0.082716 0.009370 -8.827 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.645952 0.267264 -0.009361 -0.004619

Water 0.645952 1.000000 -0.298411 -0.011659 -0.005040

Temp 0.267264 -0.298411 1.000000 0.003002 -0.008889

Precip. horaria -0.009361 -0.011659 0.003002 1.000000 -0.023682

Temp. prom aire -0.004619 -0.005040 -0.008889 -0.023682 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -58.7483

Nobs: 11641.0 HQIC: -59.2543

Log likelihood: 264996. FPE: 1.42887e-26

AIC: -59.5104 Det(Omega\_mle): 1.28972e-26

--------------------------------------------------------------------

Results for equation Conduct

=============================================================

coefficient std. error t-stat prob

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const 0.000026 0.000009 2.925 0.003

L1.Conduct 4.862752 NAN NAN NAN

L1.Water 1.097717 NAN NAN NAN

L1.Temp -0.581727 NAN NAN NAN

L1.Precip. horaria 0.000006 0.000004 1.426 0.154

L1.Temp. prom aire -0.000001 0.000001 -0.831 0.406

L2.Conduct -10.047429 NAN NAN NAN

L2.Water -4.617942 NAN NAN NAN

L2.Temp 2.411695 NAN NAN NAN

L2.Precip. horaria 0.000003 0.000005 0.631 0.528

L2.Temp. prom aire -0.000002 0.000002 -1.174 0.240

L3.Conduct 11.828454 NAN NAN NAN

L3.Water 7.698839 NAN NAN NAN

L3.Temp -3.954448 NAN NAN NAN

L3.Precip. horaria 0.000001 0.000005 0.230 0.818

L3.Temp. prom aire 0.000004 0.000002 1.929 0.054

L4.Conduct -9.283658 NAN NAN NAN

L4.Water -6.898823 NAN NAN NAN

L4.Temp 3.373227 NAN NAN NAN

L4.Precip. horaria -0.000003 0.000005 -0.537 0.591

L4.Temp. prom aire 0.000001 0.000002 0.266 0.790

L5.Conduct 5.620891 0.044113 127.421 0.000

L5.Water 4.734259 NAN NAN NAN

L5.Temp -1.893572 NAN NAN NAN

L5.Precip. horaria 0.000002 0.000005 0.511 0.609

L5.Temp. prom aire -0.000001 0.000002 -0.489 0.625

L6.Conduct -2.974023 0.082054 -36.245 0.000

L6.Water -3.756976 NAN NAN NAN

L6.Temp 0.990622 0.035641 27.795 0.000

L6.Precip. horaria 0.000005 0.000005 1.048 0.294

L6.Temp. prom aire 0.000003 0.000002 1.632 0.103

L7.Conduct 1.452824 0.021284 68.259 0.000

L7.Water 2.842134 0.180438 15.751 0.000

L7.Temp -0.431109 NAN NAN NAN

L7.Precip. horaria -0.000001 0.000005 -0.288 0.774

L7.Temp. prom aire -0.000005 0.000002 -2.136 0.033

L8.Conduct -0.610610 0.071673 -8.519 0.000

L8.Water -1.800541 NAN NAN NAN

L8.Temp 0.117161 NAN NAN NAN

L8.Precip. horaria -0.000002 0.000005 -0.455 0.649

L8.Temp. prom aire 0.000004 0.000002 1.844 0.065

L9.Conduct 0.198695 0.058470 3.398 0.001

L9.Water 1.074341 NAN NAN NAN

L9.Temp -0.035075 NAN NAN NAN

L9.Precip. horaria 0.000008 0.000005 1.673 0.094

L9.Temp. prom aire -0.000002 0.000002 -0.768 0.442

L10.Conduct -0.126208 0.066786 -1.890 0.059

L10.Water -0.467898 NAN NAN NAN

L10.Temp 0.014575 NAN NAN NAN

L10.Precip. horaria -0.000000 0.000005 -0.021 0.983

L10.Temp. prom aire -0.000001 0.000002 -0.622 0.534

L11.Conduct 0.221237 0.028280 7.823 0.000

L11.Water 0.084275 NAN NAN NAN

L11.Temp -0.077024 NAN NAN NAN

L11.Precip. horaria -0.000004 0.000005 -0.952 0.341

L11.Temp. prom aire 0.000003 0.000002 1.422 0.155

L12.Conduct -0.347176 NAN NAN NAN

L12.Water 0.092941 0.169262 0.549 0.583

L12.Temp 0.142829 NAN NAN NAN

L12.Precip. horaria -0.000005 0.000005 -0.990 0.322

L12.Temp. prom aire -0.000004 0.000002 -1.675 0.094

L13.Conduct 0.393734 0.068705 5.731 0.000

L13.Water -0.177495 NAN NAN NAN

L13.Temp -0.160383 0.035649 -4.499 0.000

L13.Precip. horaria 0.000002 0.000005 0.472 0.637

L13.Temp. prom aire 0.000003 0.000002 1.194 0.232

L14.Conduct -0.285980 0.105915 -2.700 0.007

L14.Water 0.225972 0.163329 1.384 0.167

L14.Temp 0.135531 0.042313 3.203 0.001

L14.Precip. horaria 0.000003 0.000005 0.542 0.588

L14.Temp. prom aire -0.000001 0.000002 -0.305 0.761

L15.Conduct 0.089359 0.086770 1.030 0.303

L15.Water -0.343169 NAN NAN NAN

L15.Temp -0.060309 0.037219 -1.620 0.105

L15.Precip. horaria 0.000005 0.000005 1.148 0.251

L15.Temp. prom aire -0.000001 0.000002 -0.571 0.568

L16.Conduct 0.100957 0.081581 1.238 0.216

L16.Water 0.361502 NAN NAN NAN

L16.Temp -0.014539 0.018467 -0.787 0.431

L16.Precip. horaria 0.000000 0.000005 0.029 0.977

L16.Temp. prom aire 0.000003 0.000002 1.184 0.236

L17.Conduct -0.207012 0.062220 -3.327 0.001

L17.Water -0.089199 NAN NAN NAN

L17.Temp 0.075119 NAN NAN NAN

L17.Precip. horaria -0.000003 0.000005 -0.726 0.468

L17.Temp. prom aire -0.000004 0.000002 -1.798 0.072

L18.Conduct 0.132709 0.062042 2.139 0.032

L18.Water -0.247540 0.192678 -1.285 0.199

L18.Temp -0.073620 0.004375 -16.828 0.000

L18.Precip. horaria 0.000002 0.000005 0.487 0.626

L18.Temp. prom aire 0.000004 0.000002 1.855 0.064

L19.Conduct 0.124165 NAN NAN NAN

L19.Water 0.366823 0.129940 2.823 0.005

L19.Temp -0.020318 NAN NAN NAN

L19.Precip. horaria -0.000004 0.000005 -0.928 0.353

L19.Temp. prom aire -0.000001 0.000002 -0.412 0.681

L20.Conduct -0.405825 NAN NAN NAN

L20.Water -0.389934 NAN NAN NAN

L20.Temp 0.126882 NAN NAN NAN

L20.Precip. horaria 0.000001 0.000005 0.288 0.774

L20.Temp. prom aire -0.000000 0.000002 -0.094 0.925

L21.Conduct 0.601158 0.044395 13.541 0.000

L21.Water 0.504523 NAN NAN NAN

L21.Temp -0.195546 NAN NAN NAN

L21.Precip. horaria -0.000001 0.000005 -0.204 0.839

L21.Temp. prom aire 0.000001 0.000002 0.273 0.785

L22.Conduct -1.015903 NAN NAN NAN

L22.Water -0.935837 NAN NAN NAN

L22.Temp 0.306123 NAN NAN NAN

L22.Precip. horaria -0.000001 0.000005 -0.231 0.817

L22.Temp. prom aire -0.000001 0.000002 -0.513 0.608

L23.Conduct 1.580709 NAN NAN NAN

L23.Water 2.490239 0.352246 7.070 0.000

L23.Temp -0.703777 NAN NAN NAN

L23.Precip. horaria -0.000005 0.000005 -1.049 0.294

L23.Temp. prom aire 0.000000 0.000002 0.211 0.833

L24.Conduct -1.347537 0.038696 -34.824 0.000

L24.Water -5.354969 NAN NAN NAN

L24.Temp 1.236858 0.058801 21.034 0.000

L24.Precip. horaria 0.000001 0.000005 0.147 0.883

L24.Temp. prom aire 0.000001 0.000002 0.587 0.557

L25.Conduct 0.442966 0.018732 23.648 0.000

L25.Water 8.917624 0.483457 18.446 0.000

L25.Temp -1.596552 NAN NAN NAN

L25.Precip. horaria -0.000000 0.000005 -0.096 0.923

L25.Temp. prom aire -0.000002 0.000002 -0.820 0.412

L26.Conduct 0.011604 0.003481 3.334 0.001

L26.Water -12.944120 NAN NAN NAN

L26.Temp 2.244317 NAN NAN NAN

L26.Precip. horaria -0.000001 0.000005 -0.304 0.761

L26.Temp. prom aire 0.000001 0.000002 0.444 0.657

L27.Conduct -0.009996 NAN NAN NAN

L27.Water 15.063025 NAN NAN NAN

L27.Temp -2.904435 NAN NAN NAN

L27.Precip. horaria -0.000006 0.000005 -1.223 0.221

L27.Temp. prom aire -0.000002 0.000002 -0.804 0.421

L28.Conduct 0.006429 0.004353 1.477 0.140

L28.Water -12.595923 NAN NAN NAN

L28.Temp 2.457007 NAN NAN NAN

L28.Precip. horaria 0.000002 0.000005 0.458 0.647

L28.Temp. prom aire -0.000001 0.000002 -0.403 0.687

L29.Conduct -0.006163 0.000844 -7.300 0.000

L29.Water 8.178873 0.111443 73.391 0.000

L29.Temp -1.404917 NAN NAN NAN

L29.Precip. horaria 0.000005 0.000005 0.954 0.340

L29.Temp. prom aire 0.000001 0.000002 0.340 0.734

L30.Conduct 0.000022 0.000585 0.038 0.970

L30.Water -5.353072 0.167369 -31.984 0.000

L30.Temp 0.784428 NAN NAN NAN

L30.Precip. horaria -0.000003 0.000005 -0.670 0.503

L30.Temp. prom aire -0.000002 0.000002 -0.923 0.356

L31.Conduct 0.002974 0.004392 0.677 0.498

L31.Water 3.635451 NAN NAN NAN

L31.Temp -0.457008 NAN NAN NAN

L31.Precip. horaria -0.000007 0.000005 -1.526 0.127

L31.Temp. prom aire 0.000001 0.000002 0.637 0.524

L32.Conduct -0.004492 NAN NAN NAN

L32.Water -2.083179 NAN NAN NAN

L32.Temp 0.222679 NAN NAN NAN

L32.Precip. horaria 0.000004 0.000005 0.812 0.417

L32.Temp. prom aire -0.000000 0.000002 -0.055 0.956

L33.Conduct 0.000401 0.002306 0.174 0.862

L33.Water 1.034493 NAN NAN NAN

L33.Temp -0.140112 NAN NAN NAN

L33.Precip. horaria -0.000001 0.000005 -0.203 0.839

L33.Temp. prom aire -0.000002 0.000002 -0.786 0.432

L34.Conduct -0.000412 0.004335 -0.095 0.924

L34.Water -0.551030 NAN NAN NAN

L34.Temp 0.157026 0.058166 2.700 0.007

L34.Precip. horaria 0.000003 0.000005 0.664 0.507

L34.Temp. prom aire 0.000003 0.000002 1.627 0.104

L35.Conduct -0.001949 0.002009 -0.970 0.332

L35.Water 0.210399 NAN NAN NAN

L35.Temp -0.175915 NAN NAN NAN

L35.Precip. horaria 0.000004 0.000005 0.939 0.348

L35.Temp. prom aire -0.000002 0.000002 -1.154 0.248

L36.Conduct 0.005079 0.004028 1.261 0.207

L36.Water 0.260429 NAN NAN NAN

L36.Temp 0.099811 NAN NAN NAN

L36.Precip. horaria -0.000007 0.000005 -1.578 0.115

L36.Temp. prom aire 0.000001 0.000002 0.331 0.740

L37.Conduct -0.003915 0.003329 -1.176 0.239

L37.Water -0.640965 NAN NAN NAN

L37.Temp 0.023614 NAN NAN NAN

L37.Precip. horaria 0.000001 0.000005 0.175 0.861

L37.Temp. prom aire -0.000000 0.000002 -0.176 0.860

L38.Conduct 0.003381 0.002948 1.147 0.251

L38.Water 0.685179 NAN NAN NAN

L38.Temp -0.134897 NAN NAN NAN

L38.Precip. horaria -0.000001 0.000005 -0.239 0.811

L38.Temp. prom aire 0.000001 0.000002 0.583 0.560

L39.Conduct -0.006750 0.003944 -1.711 0.087

L39.Water -0.595067 NAN NAN NAN

L39.Temp 0.231496 NAN NAN NAN

L39.Precip. horaria -0.000001 0.000005 -0.175 0.861

L39.Temp. prom aire -0.000000 0.000002 -0.146 0.884

L40.Conduct 0.006883 0.001297 5.305 0.000

L40.Water 0.593694 NAN NAN NAN

L40.Temp -0.284933 NAN NAN NAN

L40.Precip. horaria -0.000002 0.000005 -0.462 0.644

L40.Temp. prom aire -0.000003 0.000002 -1.448 0.148

L41.Conduct -0.000974 0.004074 -0.239 0.811

L41.Water -0.545130 NAN NAN NAN

L41.Temp 0.319677 NAN NAN NAN

L41.Precip. horaria 0.000006 0.000005 1.225 0.221

L41.Temp. prom aire 0.000004 0.000002 2.083 0.037

L42.Conduct -0.006819 0.003885 -1.755 0.079

L42.Water 0.287937 NAN NAN NAN

L42.Temp -0.319184 NAN NAN NAN

L42.Precip. horaria 0.000002 0.000005 0.357 0.721

L42.Temp. prom aire -0.000002 0.000002 -1.088 0.277

L43.Conduct 0.006588 0.003493 1.886 0.059

L43.Water 0.200017 NAN NAN NAN

L43.Temp 0.193493 NAN NAN NAN

L43.Precip. horaria -0.000002 0.000005 -0.507 0.612

L43.Temp. prom aire -0.000001 0.000002 -0.452 0.651

L44.Conduct -0.009840 0.004440 -2.216 0.027

L44.Water -0.924001 NAN NAN NAN

L44.Temp 0.036237 NAN NAN NAN

L44.Precip. horaria -0.000000 0.000005 -0.020 0.984

L44.Temp. prom aire -0.000001 0.000002 -0.322 0.748

L45.Conduct 0.024622 0.003614 6.813 0.000

L45.Water 1.544096 NAN NAN NAN

L45.Temp -0.224644 NAN NAN NAN

L45.Precip. horaria 0.000002 0.000005 0.408 0.683

L45.Temp. prom aire 0.000002 0.000002 0.921 0.357

L46.Conduct -0.011767 0.003508 -3.355 0.001

L46.Water -1.446779 NAN NAN NAN

L46.Temp 0.248415 NAN NAN NAN

L46.Precip. horaria -0.000005 0.000005 -1.127 0.260

L46.Temp. prom aire -0.000000 0.000002 -0.228 0.820

L47.Conduct -0.013051 0.003115 -4.190 0.000

L47.Water 0.726817 NAN NAN NAN

L47.Temp -0.134413 NAN NAN NAN

L47.Precip. horaria -0.000000 0.000005 -0.080 0.936

L47.Temp. prom aire 0.000001 0.000002 0.663 0.507

L48.Conduct 0.008894 0.001064 8.362 0.000

L48.Water -0.152007 NAN NAN NAN

L48.Temp 0.029638 NAN NAN NAN

L48.Precip. horaria -0.000000 0.000004 -0.041 0.968

L48.Temp. prom aire -0.000000 0.000001 -0.097 0.922

=============================================================

Results for equation Water

=============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.000003 0.000003 0.984 0.325

L1.Conduct 0.072561 NAN NAN NAN

L1.Water 4.542099 NAN NAN NAN

L1.Temp 0.046302 NAN NAN NAN

L1.Precip. horaria -0.000000 0.000001 -0.361 0.718

L1.Temp. prom aire -0.000000 0.000000 -0.309 0.757

L2.Conduct -0.297103 NAN NAN NAN

L2.Water -8.550006 NAN NAN NAN

L2.Temp -0.197259 NAN NAN NAN

L2.Precip. horaria 0.000001 0.000001 0.549 0.583

L2.Temp. prom aire 0.000000 0.000001 0.702 0.483

L3.Conduct 0.474889 NAN NAN NAN

L3.Water 9.018959 NAN NAN NAN

L3.Temp 0.335070 NAN NAN NAN

L3.Precip. horaria -0.000000 0.000001 -0.145 0.885

L3.Temp. prom aire -0.000000 0.000001 -0.675 0.500

L4.Conduct -0.368409 NAN NAN NAN

L4.Water -6.685912 NAN NAN NAN

L4.Temp -0.310941 NAN NAN NAN

L4.Precip. horaria -0.000001 0.000001 -0.496 0.620

L4.Temp. prom aire 0.000000 0.000001 0.362 0.717

L5.Conduct 0.131232 0.013231 9.918 0.000

L5.Water 4.551102 NAN NAN NAN

L5.Temp 0.227217 NAN NAN NAN

L5.Precip. horaria -0.000001 0.000001 -0.514 0.607

L5.Temp. prom aire -0.000000 0.000001 -0.550 0.583

L6.Conduct 0.014728 0.024612 0.598 0.550

L6.Water -3.058334 NAN NAN NAN

L6.Temp -0.191517 0.010690 -17.915 0.000

L6.Precip. horaria 0.000000 0.000001 0.005 0.996

L6.Temp. prom aire 0.000000 0.000001 0.206 0.837

L7.Conduct -0.076973 0.006384 -12.057 0.000

L7.Water 1.935551 0.054122 35.763 0.000

L7.Temp 0.156292 NAN NAN NAN

L7.Precip. horaria -0.000002 0.000001 -1.620 0.105

L7.Temp. prom aire 0.000000 0.000001 0.364 0.716

L8.Conduct 0.106711 0.021498 4.964 0.000

L8.Water -1.259003 NAN NAN NAN

L8.Temp -0.117720 NAN NAN NAN

L8.Precip. horaria -0.000003 0.000001 -1.856 0.064

L8.Temp. prom aire -0.000000 0.000001 -0.390 0.697

L9.Conduct -0.110375 0.017538 -6.294 0.000

L9.Water 0.799544 NAN NAN NAN

L9.Temp 0.093848 NAN NAN NAN

L9.Precip. horaria 0.000001 0.000001 0.382 0.703

L9.Temp. prom aire 0.000000 0.000001 0.569 0.569

L10.Conduct 0.088160 0.020032 4.401 0.000

L10.Water -0.476610 NAN NAN NAN

L10.Temp -0.066818 NAN NAN NAN

L10.Precip. horaria -0.000001 0.000001 -0.384 0.701

L10.Temp. prom aire -0.000000 0.000001 -0.254 0.799

L11.Conduct -0.050530 0.008482 -5.957 0.000

L11.Water 0.291879 NAN NAN NAN

L11.Temp 0.038324 NAN NAN NAN

L11.Precip. horaria -0.000002 0.000001 -1.351 0.177

L11.Temp. prom aire 0.000000 0.000001 0.139 0.890

L12.Conduct 0.023732 NAN NAN NAN

L12.Water -0.157961 0.050769 -3.111 0.002

L12.Temp -0.019296 NAN NAN NAN

L12.Precip. horaria -0.000002 0.000001 -1.562 0.118

L12.Temp. prom aire -0.000000 0.000001 -0.074 0.941

L13.Conduct -0.046037 0.020608 -2.234 0.025

L13.Water 0.099269 NAN NAN NAN

L13.Temp 0.024131 0.010693 2.257 0.024

L13.Precip. horaria -0.000001 0.000001 -0.738 0.461

L13.Temp. prom aire -0.000001 0.000001 -1.003 0.316

L14.Conduct 0.105374 0.031769 3.317 0.001

L14.Water -0.121106 0.048990 -2.472 0.013

L14.Temp -0.047463 0.012691 -3.740 0.000

L14.Precip. horaria -0.000001 0.000001 -0.529 0.597

L14.Temp. prom aire 0.000001 0.000001 1.823 0.068

L15.Conduct -0.122547 0.026026 -4.709 0.000

L15.Water 0.110111 NAN NAN NAN

L15.Temp 0.053797 0.011164 4.819 0.000

L15.Precip. horaria 0.000001 0.000001 0.649 0.516

L15.Temp. prom aire -0.000001 0.000001 -0.953 0.340

L16.Conduct 0.074690 0.024470 3.052 0.002

L16.Water -0.057435 NAN NAN NAN

L16.Temp -0.034531 0.005539 -6.234 0.000

L16.Precip. horaria 0.000001 0.000001 0.528 0.598

L16.Temp. prom aire 0.000001 0.000001 0.989 0.323

L17.Conduct -0.010339 0.018663 -0.554 0.580

L17.Water 0.072285 NAN NAN NAN

L17.Temp 0.009358 NAN NAN NAN

L17.Precip. horaria -0.000000 0.000001 -0.088 0.930

L17.Temp. prom aire -0.000001 0.000001 -2.089 0.037

L18.Conduct -0.061662 0.018609 -3.314 0.001

L18.Water -0.114595 0.057793 -1.983 0.047

L18.Temp 0.015625 0.001312 11.907 0.000

L18.Precip. horaria 0.000000 0.000001 0.061 0.951

L18.Temp. prom aire 0.000001 0.000001 1.800 0.072

L19.Conduct 0.152251 NAN NAN NAN

L19.Water 0.177138 0.038975 4.545 0.000

L19.Temp -0.042633 NAN NAN NAN

L19.Precip. horaria 0.000001 0.000001 0.485 0.628

L19.Temp. prom aire -0.000000 0.000001 -0.598 0.550

L20.Conduct -0.201176 NAN NAN NAN

L20.Water -0.397257 NAN NAN NAN

L20.Temp 0.050934 NAN NAN NAN

L20.Precip. horaria 0.000001 0.000001 0.848 0.396

L20.Temp. prom aire -0.000000 0.000001 -0.193 0.847

L21.Conduct 0.145985 0.013316 10.963 0.000

L21.Water 0.701639 NAN NAN NAN

L21.Temp -0.009693 NAN NAN NAN

L21.Precip. horaria 0.000001 0.000001 0.956 0.339

L21.Temp. prom aire 0.000000 0.000001 0.548 0.584

L22.Conduct -0.048475 NAN NAN NAN

L22.Water -1.188237 NAN NAN NAN

L22.Temp -0.070100 NAN NAN NAN

L22.Precip. horaria 0.000001 0.000001 0.485 0.627

L22.Temp. prom aire -0.000000 0.000001 -0.432 0.666

L23.Conduct 0.018044 NAN NAN NAN

L23.Water 1.889295 0.105655 17.882 0.000

L23.Temp 0.145109 NAN NAN NAN

L23.Precip. horaria 0.000001 0.000001 0.490 0.624

L23.Temp. prom aire -0.000000 0.000001 -0.445 0.656

L24.Conduct -0.038041 0.011607 -3.278 0.001

L24.Water -2.444571 NAN NAN NAN

L24.Temp -0.167070 0.017637 -9.473 0.000

L24.Precip. horaria -0.000000 0.000001 -0.252 0.801

L24.Temp. prom aire 0.000001 0.000001 1.822 0.068

L25.Conduct 0.025931 0.005618 4.615 0.000

L25.Water 3.428759 0.145011 23.645 0.000

L25.Temp 0.133883 NAN NAN NAN

L25.Precip. horaria -0.000000 0.000001 -0.250 0.802

L25.Temp. prom aire -0.000001 0.000001 -1.989 0.047

L26.Conduct -0.000047 0.001044 -0.045 0.964

L26.Water -4.970697 NAN NAN NAN

L26.Temp -0.137219 NAN NAN NAN

L26.Precip. horaria 0.000000 0.000001 0.116 0.908

L26.Temp. prom aire 0.000001 0.000001 0.867 0.386

L27.Conduct -0.001293 NAN NAN NAN

L27.Water 5.341586 NAN NAN NAN

L27.Temp 0.192022 NAN NAN NAN

L27.Precip. horaria -0.000001 0.000001 -0.903 0.367

L27.Temp. prom aire 0.000000 0.000001 0.116 0.908

L28.Conduct -0.000707 0.001306 -0.541 0.588

L28.Water -4.150561 NAN NAN NAN

L28.Temp -0.195149 NAN NAN NAN

L28.Precip. horaria -0.000001 0.000001 -0.694 0.488

L28.Temp. prom aire -0.000000 0.000001 -0.172 0.863

L29.Conduct -0.000244 0.000253 -0.963 0.335

L29.Water 2.811583 0.033427 84.112 0.000

L29.Temp 0.149844 NAN NAN NAN

L29.Precip. horaria 0.000001 0.000001 0.392 0.695

L29.Temp. prom aire -0.000000 0.000001 -0.054 0.957

L30.Conduct -0.000052 0.000175 -0.294 0.769

L30.Water -1.854603 0.050202 -36.943 0.000

L30.Temp -0.118976 NAN NAN NAN

L30.Precip. horaria -0.000000 0.000001 -0.247 0.805

L30.Temp. prom aire 0.000000 0.000001 0.649 0.516

L31.Conduct 0.000246 0.001317 0.186 0.852

L31.Water 1.146579 NAN NAN NAN

L31.Temp 0.094401 NAN NAN NAN

L31.Precip. horaria -0.000000 0.000001 -0.308 0.758

L31.Temp. prom aire -0.000000 0.000001 -0.760 0.447

L32.Conduct -0.000796 NAN NAN NAN

L32.Water -0.698251 NAN NAN NAN

L32.Temp -0.069943 NAN NAN NAN

L32.Precip. horaria 0.000001 0.000001 0.650 0.516

L32.Temp. prom aire -0.000000 0.000001 -0.180 0.857

L33.Conduct 0.000170 0.000692 0.246 0.806

L33.Water 0.403364 NAN NAN NAN

L33.Temp 0.054986 NAN NAN NAN

L33.Precip. horaria 0.000000 0.000001 0.017 0.987

L33.Temp. prom aire 0.000000 0.000001 0.290 0.772

L34.Conduct -0.000210 0.001300 -0.161 0.872

L34.Water -0.195637 NAN NAN NAN

L34.Temp -0.049852 0.017447 -2.857 0.004

L34.Precip. horaria -0.000000 0.000001 -0.002 0.998

L34.Temp. prom aire -0.000000 0.000001 -0.349 0.727

L35.Conduct -0.000629 0.000603 -1.044 0.296

L35.Water 0.081403 NAN NAN NAN

L35.Temp 0.049843 NAN NAN NAN

L35.Precip. horaria 0.000001 0.000001 0.636 0.525

L35.Temp. prom aire 0.000000 0.000001 0.663 0.508

L36.Conduct 0.001609 0.001208 1.331 0.183

L36.Water 0.006133 NAN NAN NAN

L36.Temp -0.044925 NAN NAN NAN

L36.Precip. horaria -0.000001 0.000001 -0.494 0.622

L36.Temp. prom aire -0.000000 0.000001 -0.443 0.658

L37.Conduct -0.001018 0.000998 -1.019 0.308

L37.Water -0.087148 NAN NAN NAN

L37.Temp 0.042920 NAN NAN NAN

L37.Precip. horaria -0.000001 0.000001 -0.867 0.386

L37.Temp. prom aire -0.000000 0.000001 -0.125 0.901

L38.Conduct 0.000343 0.000884 0.388 0.698

L38.Water 0.101449 NAN NAN NAN

L38.Temp -0.050981 NAN NAN NAN

L38.Precip. horaria -0.000001 0.000001 -0.733 0.464

L38.Temp. prom aire 0.000000 0.000001 0.398 0.690

L39.Conduct -0.002221 0.001183 -1.877 0.061

L39.Water -0.048450 NAN NAN NAN

L39.Temp 0.046850 NAN NAN NAN

L39.Precip. horaria -0.000000 0.000001 -0.043 0.966

L39.Temp. prom aire -0.000000 0.000001 -0.432 0.666

L40.Conduct 0.002636 0.000389 6.773 0.000

L40.Water -0.053106 NAN NAN NAN

L40.Temp -0.013264 NAN NAN NAN

L40.Precip. horaria -0.000001 0.000001 -0.565 0.572

L40.Temp. prom aire -0.000000 0.000001 -0.666 0.505

L41.Conduct 0.003049 0.001222 2.495 0.013

L41.Water 0.222285 NAN NAN NAN

L41.Temp -0.024181 NAN NAN NAN

L41.Precip. horaria 0.000000 0.000001 0.291 0.771

L41.Temp. prom aire 0.000001 0.000001 1.682 0.093

L42.Conduct -0.002444 0.001165 -2.097 0.036

L42.Water -0.381916 NAN NAN NAN

L42.Temp 0.031177 NAN NAN NAN

L42.Precip. horaria 0.000000 0.000001 0.321 0.749

L42.Temp. prom aire -0.000000 0.000001 -0.647 0.517

L43.Conduct 0.001101 0.001048 1.051 0.293

L43.Water 0.498821 NAN NAN NAN

L43.Temp -0.015389 NAN NAN NAN

L43.Precip. horaria -0.000000 0.000001 -0.108 0.914

L43.Temp. prom aire -0.000000 0.000001 -0.440 0.660

L44.Conduct -0.009302 0.001332 -6.984 0.000

L44.Water -0.717421 NAN NAN NAN

L44.Temp -0.011684 NAN NAN NAN

L44.Precip. horaria 0.000002 0.000001 1.206 0.228

L44.Temp. prom aire -0.000000 0.000001 -0.482 0.630

L45.Conduct 0.010104 0.001084 9.321 0.000

L45.Water 0.918556 NAN NAN NAN

L45.Temp 0.052303 NAN NAN NAN

L45.Precip. horaria 0.000001 0.000001 0.856 0.392

L45.Temp. prom aire 0.000001 0.000001 0.940 0.347

L46.Conduct -0.004786 0.001052 -4.549 0.000

L46.Water -0.743569 NAN NAN NAN

L46.Temp -0.071253 NAN NAN NAN

L46.Precip. horaria 0.000001 0.000001 0.651 0.515

L46.Temp. prom aire -0.000000 0.000001 -0.327 0.744

L47.Conduct 0.003501 0.000934 3.748 0.000

L47.Water 0.316384 NAN NAN NAN

L47.Temp 0.044056 NAN NAN NAN

L47.Precip. horaria -0.000000 0.000001 -0.054 0.957

L47.Temp. prom aire -0.000000 0.000001 -0.079 0.937

L48.Conduct -0.001633 0.000319 -5.119 0.000

L48.Water -0.053390 NAN NAN NAN

L48.Temp -0.010436 NAN NAN NAN

L48.Precip. horaria -0.000001 0.000001 -0.645 0.519

L48.Temp. prom aire -0.000000 0.000000 -0.109 0.913

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000023 0.000019 1.187 0.235

L1.Conduct -0.318215 NAN NAN NAN

L1.Water 2.622027 NAN NAN NAN

L1.Temp 3.525430 NAN NAN NAN

L1.Precip. horaria 0.000004 0.000009 0.429 0.668

L1.Temp. prom aire -0.000003 0.000002 -1.132 0.258

L2.Conduct 1.252312 NAN NAN NAN

L2.Water -11.251508 NAN NAN NAN

L2.Temp -4.467246 NAN NAN NAN

L2.Precip. horaria 0.000002 0.000010 0.208 0.835

L2.Temp. prom aire -0.000002 0.000004 -0.385 0.700

L3.Conduct -1.945272 NAN NAN NAN

L3.Water 19.237393 NAN NAN NAN

L3.Temp 2.618568 NAN NAN NAN

L3.Precip. horaria -0.000000 0.000010 -0.049 0.961

L3.Temp. prom aire 0.000004 0.000005 0.943 0.346

L4.Conduct 1.657129 NAN NAN NAN

L4.Water -17.421517 NAN NAN NAN

L4.Temp -1.429594 NAN NAN NAN

L4.Precip. horaria 0.000001 0.000010 0.115 0.909

L4.Temp. prom aire 0.000005 0.000005 0.998 0.318

L5.Conduct -1.127632 0.093774 -12.025 0.000

L5.Water 10.945420 NAN NAN NAN

L5.Temp 1.302797 NAN NAN NAN

L5.Precip. horaria 0.000003 0.000010 0.282 0.778

L5.Temp. prom aire -0.000002 0.000005 -0.357 0.721

L6.Conduct 0.829741 0.174428 4.757 0.000

L6.Water -7.133095 NAN NAN NAN

L6.Temp -0.750136 0.075764 -9.901 0.000

L6.Precip. horaria 0.000003 0.000010 0.345 0.730

L6.Temp. prom aire 0.000006 0.000005 1.387 0.165

L7.Conduct -0.564086 0.045245 -12.467 0.000

L7.Water 4.610246 0.383569 12.019 0.000

L7.Temp 0.466764 NAN NAN NAN

L7.Precip. horaria 0.000002 0.000010 0.192 0.848

L7.Temp. prom aire -0.000008 0.000005 -1.693 0.091

L8.Conduct 0.377023 0.152360 2.475 0.013

L8.Water -2.648569 NAN NAN NAN

L8.Temp -0.375019 NAN NAN NAN

L8.Precip. horaria 0.000007 0.000010 0.664 0.507

L8.Temp. prom aire 0.000005 0.000005 1.166 0.244

L9.Conduct -0.260542 0.124292 -2.096 0.036

L9.Water 1.744684 NAN NAN NAN

L9.Temp 0.168919 NAN NAN NAN

L9.Precip. horaria 0.000006 0.000010 0.625 0.532

L9.Temp. prom aire -0.000004 0.000005 -0.916 0.360

L10.Conduct 0.175880 0.141972 1.239 0.215

L10.Water -1.032558 NAN NAN NAN

L10.Temp -0.144973 NAN NAN NAN

L10.Precip. horaria -0.000001 0.000010 -0.144 0.886

L10.Temp. prom aire -0.000001 0.000005 -0.201 0.841

L11.Conduct -0.116206 0.060116 -1.933 0.053

L11.Water 0.561752 NAN NAN NAN

L11.Temp 0.090638 NAN NAN NAN

L11.Precip. horaria -0.000002 0.000010 -0.182 0.855

L11.Temp. prom aire 0.000004 0.000005 0.800 0.424

L12.Conduct 0.034932 NAN NAN NAN

L12.Water -0.315873 0.359812 -0.878 0.380

L12.Temp -0.021859 NAN NAN NAN

L12.Precip. horaria 0.000002 0.000010 0.232 0.817

L12.Temp. prom aire -0.000004 0.000005 -0.930 0.352

L13.Conduct 0.000896 0.146050 0.006 0.995

L13.Water 0.108930 NAN NAN NAN

L13.Temp 0.021129 0.075781 0.279 0.780

L13.Precip. horaria 0.000005 0.000010 0.476 0.634

L13.Temp. prom aire 0.000004 0.000005 0.908 0.364

L14.Conduct 0.043955 0.225151 0.195 0.845

L14.Water -0.138031 0.347199 -0.398 0.691

L14.Temp -0.020198 0.089947 -0.225 0.822

L14.Precip. horaria 0.000003 0.000010 0.335 0.738

L14.Temp. prom aire -0.000003 0.000005 -0.650 0.516

L15.Conduct -0.079963 0.184452 -0.434 0.665

L15.Water 0.200775 NAN NAN NAN

L15.Temp 0.047256 0.079119 0.597 0.550

L15.Precip. horaria 0.000004 0.000010 0.366 0.714

L15.Temp. prom aire -0.000001 0.000005 -0.190 0.850

L16.Conduct -0.028785 0.173422 -0.166 0.868

L16.Water -0.094279 NAN NAN NAN

L16.Temp 0.001250 0.039257 0.032 0.975

L16.Precip. horaria -0.000002 0.000010 -0.153 0.879

L16.Temp. prom aire 0.000002 0.000005 0.547 0.584

L17.Conduct 0.318604 0.132266 2.409 0.016

L17.Water -0.048667 NAN NAN NAN

L17.Temp -0.124110 NAN NAN NAN

L17.Precip. horaria -0.000003 0.000010 -0.267 0.790

L17.Temp. prom aire -0.000001 0.000005 -0.324 0.746

L18.Conduct -0.582357 0.131886 -4.416 0.000

L18.Water 0.057558 0.409589 0.141 0.888

L18.Temp 0.224128 0.009300 24.100 0.000

L18.Precip. horaria -0.000000 0.000010 -0.008 0.994

L18.Temp. prom aire 0.000003 0.000005 0.682 0.495

L19.Conduct 0.598007 NAN NAN NAN

L19.Water 0.125556 0.276222 0.455 0.649

L19.Temp -0.233134 NAN NAN NAN

L19.Precip. horaria 0.000001 0.000010 0.079 0.937

L19.Temp. prom aire -0.000000 0.000005 -0.061 0.951

L20.Conduct -0.477237 NAN NAN NAN

L20.Water -0.533486 NAN NAN NAN

L20.Temp 0.138511 NAN NAN NAN

L20.Precip. horaria -0.000003 0.000010 -0.308 0.758

L20.Temp. prom aire -0.000000 0.000005 -0.038 0.970

L21.Conduct 0.446573 0.094373 4.732 0.000

L21.Water 1.170145 NAN NAN NAN

L21.Temp -0.090771 NAN NAN NAN

L21.Precip. horaria -0.000004 0.000010 -0.402 0.688

L21.Temp. prom aire 0.000001 0.000005 0.318 0.750

L22.Conduct -0.421945 NAN NAN NAN

L22.Water -2.115399 NAN NAN NAN

L22.Temp 0.024980 NAN NAN NAN

L22.Precip. horaria -0.000005 0.000010 -0.501 0.616

L22.Temp. prom aire -0.000002 0.000005 -0.348 0.728

L23.Conduct 0.188499 NAN NAN NAN

L23.Water 3.931541 0.748792 5.251 0.000

L23.Temp -0.139776 NAN NAN NAN

L23.Precip. horaria -0.000003 0.000010 -0.325 0.745

L23.Temp. prom aire -0.000001 0.000004 -0.163 0.871

L24.Conduct 0.085296 0.082258 1.037 0.300

L24.Water -5.507895 NAN NAN NAN

L24.Temp 0.195337 0.124998 1.563 0.118

L24.Precip. horaria -0.000003 0.000010 -0.277 0.782

L24.Temp. prom aire 0.000001 0.000004 0.258 0.796

L25.Conduct -0.091549 0.039819 -2.299 0.021

L25.Water 5.234639 1.027716 5.093 0.000

L25.Temp 0.975799 NAN NAN NAN

L25.Precip. horaria 0.000002 0.000010 0.183 0.855

L25.Temp. prom aire -0.000002 0.000005 -0.363 0.717

L26.Conduct -0.005799 0.007399 -0.784 0.433

L26.Water -5.887821 NAN NAN NAN

L26.Temp -2.136207 NAN NAN NAN

L26.Precip. horaria 0.000001 0.000010 0.084 0.933

L26.Temp. prom aire 0.000001 0.000005 0.291 0.771

L27.Conduct 0.003315 NAN NAN NAN

L27.Water 8.231514 NAN NAN NAN

L27.Temp 1.641331 NAN NAN NAN

L27.Precip. horaria -0.000003 0.000010 -0.277 0.782

L27.Temp. prom aire -0.000004 0.000005 -0.833 0.405

L28.Conduct 0.002006 0.009254 0.217 0.828

L28.Water -7.723900 NAN NAN NAN

L28.Temp -1.067859 NAN NAN NAN

L28.Precip. horaria 0.000000 0.000010 0.019 0.985

L28.Temp. prom aire -0.000002 0.000005 -0.368 0.713

L29.Conduct 0.003880 0.001795 2.162 0.031

L29.Water 4.791434 0.236901 20.225 0.000

L29.Temp 1.019511 NAN NAN NAN

L29.Precip. horaria 0.000002 0.000010 0.216 0.829

L29.Temp. prom aire -0.000002 0.000005 -0.345 0.730

L30.Conduct 0.001483 0.001243 1.193 0.233

L30.Water -3.042994 0.355787 -8.553 0.000

L30.Temp -0.651503 NAN NAN NAN

L30.Precip. horaria -0.000002 0.000010 -0.226 0.821

L30.Temp. prom aire -0.000002 0.000005 -0.437 0.662

L31.Conduct 0.000061 0.009336 0.007 0.995

L31.Water 1.963203 NAN NAN NAN

L31.Temp 0.389593 NAN NAN NAN

L31.Precip. horaria -0.000002 0.000010 -0.244 0.807

L31.Temp. prom aire 0.000002 0.000004 0.398 0.691

L32.Conduct 0.000694 NAN NAN NAN

L32.Water -0.935727 NAN NAN NAN

L32.Temp -0.315153 NAN NAN NAN

L32.Precip. horaria -0.000002 0.000010 -0.236 0.813

L32.Temp. prom aire 0.000002 0.000004 0.366 0.715

L33.Conduct -0.001028 0.004902 -0.210 0.834

L33.Water 0.523528 NAN NAN NAN

L33.Temp 0.182965 NAN NAN NAN

L33.Precip. horaria -0.000003 0.000010 -0.254 0.800

L33.Temp. prom aire -0.000002 0.000005 -0.344 0.731

L34.Conduct 0.001802 0.009216 0.196 0.845

L34.Water -0.324072 NAN NAN NAN

L34.Temp -0.131965 0.123648 -1.067 0.286

L34.Precip. horaria 0.000000 0.000010 0.016 0.988

L34.Temp. prom aire 0.000003 0.000005 0.771 0.441

L35.Conduct -0.000175 0.004270 -0.041 0.967

L35.Water 0.201401 NAN NAN NAN

L35.Temp 0.088033 NAN NAN NAN

L35.Precip. horaria 0.000001 0.000010 0.100 0.920

L35.Temp. prom aire -0.000003 0.000005 -0.634 0.526

L36.Conduct 0.000013 0.008562 0.002 0.999

L36.Water -0.237986 NAN NAN NAN

L36.Temp -0.041807 NAN NAN NAN

L36.Precip. horaria -0.000001 0.000010 -0.055 0.956

L36.Temp. prom aire 0.000002 0.000005 0.382 0.702

L37.Conduct -0.002267 0.007076 -0.320 0.749

L37.Water 0.280702 NAN NAN NAN

L37.Temp -0.016700 NAN NAN NAN

L37.Precip. horaria -0.000000 0.000010 -0.025 0.980

L37.Temp. prom aire -0.000001 0.000005 -0.152 0.879

L38.Conduct 0.000870 0.006267 0.139 0.890

L38.Water -0.378015 NAN NAN NAN

L38.Temp 0.095627 NAN NAN NAN

L38.Precip. horaria 0.000003 0.000010 0.321 0.749

L38.Temp. prom aire 0.000001 0.000005 0.175 0.861

L39.Conduct 0.000593 0.008385 0.071 0.944

L39.Water 0.477233 NAN NAN NAN

L39.Temp -0.097547 NAN NAN NAN

L39.Precip. horaria 0.000002 0.000010 0.180 0.857

L39.Temp. prom aire -0.000001 0.000005 -0.133 0.895

L40.Conduct 0.001979 0.002758 0.718 0.473

L40.Water -0.424721 NAN NAN NAN

L40.Temp 0.066350 NAN NAN NAN

L40.Precip. horaria 0.000000 0.000010 0.015 0.988

L40.Temp. prom aire -0.000001 0.000005 -0.186 0.852

L41.Conduct -0.001191 0.008661 -0.138 0.891

L41.Water 0.390060 NAN NAN NAN

L41.Temp -0.053883 NAN NAN NAN

L41.Precip. horaria 0.000001 0.000010 0.084 0.933

L41.Temp. prom aire -0.000000 0.000005 -0.063 0.950

L42.Conduct -0.009889 0.008260 -1.197 0.231

L42.Water -0.610457 NAN NAN NAN

L42.Temp 0.074251 NAN NAN NAN

L42.Precip. horaria -0.000000 0.000010 -0.029 0.977

L42.Temp. prom aire -0.000001 0.000005 -0.228 0.820

L43.Conduct 0.003617 0.007426 0.487 0.626

L43.Water 0.877044 NAN NAN NAN

L43.Temp -0.077972 NAN NAN NAN

L43.Precip. horaria -0.000003 0.000010 -0.253 0.800

L43.Temp. prom aire -0.000001 0.000005 -0.225 0.822

L44.Conduct 0.000648 0.009439 0.069 0.945

L44.Water -0.977884 NAN NAN NAN

L44.Temp -0.097496 NAN NAN NAN

L44.Precip. horaria -0.000001 0.000010 -0.089 0.929

L44.Temp. prom aire -0.000000 0.000005 -0.041 0.967

L45.Conduct 0.021920 0.007682 2.853 0.004

L45.Water 1.078315 NAN NAN NAN

L45.Temp 0.302595 NAN NAN NAN

L45.Precip. horaria -0.000005 0.000010 -0.454 0.649

L45.Temp. prom aire 0.000001 0.000005 0.130 0.897

L46.Conduct -0.012280 0.007456 -1.647 0.100

L46.Water -1.050155 NAN NAN NAN

L46.Temp -0.228175 NAN NAN NAN

L46.Precip. horaria -0.000003 0.000010 -0.327 0.743

L46.Temp. prom aire 0.000001 0.000005 0.137 0.891

L47.Conduct -0.015327 0.006621 -2.315 0.021

L47.Water 0.623331 NAN NAN NAN

L47.Temp 0.041165 NAN NAN NAN

L47.Precip. horaria -0.000003 0.000010 -0.314 0.754

L47.Temp. prom aire 0.000005 0.000004 1.083 0.279

L48.Conduct 0.010017 0.002261 4.430 0.000

L48.Water -0.153822 NAN NAN NAN

L48.Temp 0.010159 NAN NAN NAN

L48.Precip. horaria 0.000001 0.000009 0.136 0.892

L48.Temp. prom aire -0.000001 0.000002 -0.573 0.566

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.056170 0.020655 -2.720 0.007

L1.Conduct 7.938891 NAN NAN NAN

L1.Water -61.934721 NAN NAN NAN

L1.Temp -4.073771 NAN NAN NAN

L1.Precip. horaria 0.569386 0.009356 60.860 0.000

L1.Temp. prom aire -0.001631 0.002649 -0.616 0.538

L2.Conduct -24.321822 NAN NAN NAN

L2.Water 236.886302 NAN NAN NAN

L2.Temp 17.254086 NAN NAN NAN

L2.Precip. horaria 0.145292 0.010737 13.531 0.000

L2.Temp. prom aire 0.007497 0.004629 1.620 0.105

L3.Conduct -8.283594 NAN NAN NAN

L3.Water -393.629171 NAN NAN NAN

L3.Temp -21.179099 NAN NAN NAN

L3.Precip. horaria 0.007912 0.010777 0.734 0.463

L3.Temp. prom aire -0.005152 0.004879 -1.056 0.291

L4.Conduct 154.159859 NAN NAN NAN

L4.Water 432.731425 NAN NAN NAN

L4.Temp -26.266316 NAN NAN NAN

L4.Precip. horaria -0.026119 0.010857 -2.406 0.016

L4.Temp. prom aire 0.002169 0.004893 0.443 0.657

L5.Conduct -295.406812 101.516645 -2.910 0.004

L5.Water -311.694328 NAN NAN NAN

L5.Temp 99.303375 NAN NAN NAN

L5.Precip. horaria -0.002257 0.010777 -0.209 0.834

L5.Temp. prom aire -0.004151 0.004897 -0.848 0.397

L6.Conduct 86.449929 188.830556 0.458 0.647

L6.Water -8.404710 NAN NAN NAN

L6.Temp -48.604756 82.019908 -0.593 0.553

L6.Precip. horaria 0.010053 0.010837 0.928 0.354

L6.Temp. prom aire 0.004315 0.004893 0.882 0.378

L7.Conduct 623.948415 48.980813 12.739 0.000

L7.Water 252.989200 415.241057 0.609 0.542

L7.Temp -213.739082 NAN NAN NAN

L7.Precip. horaria 0.040338 0.010829 3.725 0.000

L7.Temp. prom aire -0.002957 0.004892 -0.604 0.546

L8.Conduct -1380.406775 164.940072 -8.369 0.000

L8.Water -237.911308 NAN NAN NAN

L8.Temp 517.483031 NAN NAN NAN

L8.Precip. horaria -0.042064 0.010769 -3.906 0.000

L8.Temp. prom aire 0.003600 0.004891 0.736 0.462

L9.Conduct 1605.524055 134.555315 11.932 0.000

L9.Water 171.889634 NAN NAN NAN

L9.Temp -620.177024 NAN NAN NAN

L9.Precip. horaria 0.032116 0.010846 2.961 0.003

L9.Temp. prom aire -0.002637 0.004891 -0.539 0.590

L10.Conduct -1296.426230 153.694643 -8.435 0.000

L10.Water -98.256855 NAN NAN NAN

L10.Temp 514.831562 NAN NAN NAN

L10.Precip. horaria 0.043969 0.010857 4.050 0.000

L10.Temp. prom aire 0.004105 0.004886 0.840 0.401

L11.Conduct 860.575559 65.080232 13.223 0.000

L11.Water -37.684310 NAN NAN NAN

L11.Temp -349.693644 NAN NAN NAN

L11.Precip. horaria -0.009252 0.010799 -0.857 0.392

L11.Temp. prom aire -0.001611 0.004887 -0.330 0.742

L12.Conduct -596.779247 NAN NAN NAN

L12.Water -62.464322 389.521424 -0.160 0.873

L12.Temp 219.371957 NAN NAN NAN

L12.Precip. horaria 0.032435 0.010888 2.979 0.003

L12.Temp. prom aire -0.003944 0.004889 -0.807 0.420

L13.Conduct 398.032005 158.109770 2.517 0.012

L13.Water 588.449478 NAN NAN NAN

L13.Temp -117.615183 82.038239 -1.434 0.152

L13.Precip. horaria -0.004057 0.010842 -0.374 0.708

L13.Temp. prom aire 0.002734 0.004891 0.559 0.576

L14.Conduct -41.900029 243.742179 -0.172 0.864

L14.Water -956.882409 375.867971 -2.546 0.011

L14.Temp -27.464382 97.373527 -0.282 0.778

L14.Precip. horaria -0.019098 0.010824 -1.764 0.078

L14.Temp. prom aire 0.003211 0.004889 0.657 0.511

L15.Conduct -250.957334 199.682699 -1.257 0.209

L15.Water 671.875389 NAN NAN NAN

L15.Temp 142.183252 85.652235 1.660 0.097

L15.Precip. horaria 0.017841 0.010894 1.638 0.101

L15.Temp. prom aire -0.003815 0.004890 -0.780 0.435

L16.Conduct 234.862395 187.741347 1.251 0.211

L16.Water -180.661530 NAN NAN NAN

L16.Temp -107.391881 42.498506 -2.527 0.012

L16.Precip. horaria -0.026453 0.010853 -2.437 0.015

L16.Temp. prom aire 0.001690 0.004891 0.346 0.730

L17.Conduct -166.145842 143.187314 -1.160 0.246

L17.Water 8.506669 NAN NAN NAN

L17.Temp 65.380939 NAN NAN NAN

L17.Precip. horaria 0.008020 0.010869 0.738 0.461

L17.Temp. prom aire 0.000756 0.004886 0.155 0.877

L18.Conduct 240.553745 142.776203 1.685 0.092

L18.Water -332.531370 443.408572 -0.750 0.453

L18.Temp -121.600462 10.067862 -12.078 0.000

L18.Precip. horaria 0.008918 0.010883 0.819 0.413

L18.Temp. prom aire -0.000331 0.004887 -0.068 0.946

L19.Conduct -282.025432 NAN NAN NAN

L19.Water 899.482932 299.029385 3.008 0.003

L19.Temp 166.013388 NAN NAN NAN

L19.Precip. horaria -0.012089 0.010804 -1.119 0.263

L19.Temp. prom aire -0.003733 0.004888 -0.764 0.445

L20.Conduct 204.513920 NAN NAN NAN

L20.Water -1082.111258 NAN NAN NAN

L20.Temp -141.317911 NAN NAN NAN

L20.Precip. horaria -0.010221 0.010877 -0.940 0.347

L20.Temp. prom aire 0.008424 0.004887 1.723 0.085

L21.Conduct -63.888855 102.164965 -0.625 0.532

L21.Water 758.578460 NAN NAN NAN

L21.Temp 74.730192 NAN NAN NAN

L21.Precip. horaria -0.010719 0.010873 -0.986 0.324

L21.Temp. prom aire -0.004777 0.004884 -0.978 0.328

L22.Conduct -143.129457 NAN NAN NAN

L22.Water -449.057413 NAN NAN NAN

L22.Temp 19.859313 NAN NAN NAN

L22.Precip. horaria 0.001686 0.010813 0.156 0.876

L22.Temp. prom aire 0.000558 0.004872 0.115 0.909

L23.Conduct 285.641037 NAN NAN NAN

L23.Water 700.426845 810.620664 0.864 0.388

L23.Temp -162.602774 NAN NAN NAN

L23.Precip. horaria 0.038970 0.010887 3.579 0.000

L23.Temp. prom aire -0.002047 0.004867 -0.421 0.674

L24.Conduct -207.755843 89.049650 -2.333 0.020

L24.Water -1087.188142 NAN NAN NAN

L24.Temp 222.899213 135.319267 1.647 0.100

L24.Precip. horaria -0.014030 0.010881 -1.289 0.197

L24.Temp. prom aire -0.002384 0.004867 -0.490 0.624

L25.Conduct 55.666335 43.107188 1.291 0.197

L25.Water 485.747890 1112.574766 0.437 0.662

L25.Temp 26.389255 NAN NAN NAN

L25.Precip. horaria -0.021585 0.010884 -1.983 0.047

L25.Temp. prom aire 0.004342 0.004873 0.891 0.373

L26.Conduct -3.493623 8.009978 -0.436 0.663

L26.Water 807.613533 NAN NAN NAN

L26.Temp -397.759459 NAN NAN NAN

L26.Precip. horaria 0.014384 0.010884 1.322 0.186

L26.Temp. prom aire 0.000404 0.004891 0.083 0.934

L27.Conduct 2.871970 NAN NAN NAN

L27.Water -1223.616824 NAN NAN NAN

L27.Temp 466.390897 NAN NAN NAN

L27.Precip. horaria 0.003588 0.010878 0.330 0.742

L27.Temp. prom aire -0.004570 0.004887 -0.935 0.350

L28.Conduct 4.576041 10.018578 0.457 0.648

L28.Water 481.851286 NAN NAN NAN

L28.Temp -257.506365 NAN NAN NAN

L28.Precip. horaria 0.022382 0.010887 2.056 0.040

L28.Temp. prom aire 0.004846 0.004889 0.991 0.322

L29.Conduct -6.039187 1.942879 -3.108 0.002

L29.Water 274.075105 256.462316 1.069 0.285

L29.Temp 104.033982 NAN NAN NAN

L29.Precip. horaria -0.014269 0.010887 -1.311 0.190

L29.Temp. prom aire -0.005388 0.004892 -1.101 0.271

L30.Conduct 1.340817 1.345295 0.997 0.319

L30.Water -464.220213 385.164396 -1.205 0.228

L30.Temp -108.908712 NAN NAN NAN

L30.Precip. horaria -0.003620 0.010888 -0.332 0.740

L30.Temp. prom aire 0.007056 0.004885 1.444 0.149

L31.Conduct 0.645123 10.106371 0.064 0.949

L31.Water 332.192816 NAN NAN NAN

L31.Temp 140.645728 NAN NAN NAN

L31.Precip. horaria 0.010496 0.010878 0.965 0.335

L31.Temp. prom aire -0.005487 0.004862 -1.129 0.259

L32.Conduct -2.334939 NAN NAN NAN

L32.Water -375.994287 NAN NAN NAN

L32.Temp -40.338031 NAN NAN NAN

L32.Precip. horaria 0.005992 0.010877 0.551 0.582

L32.Temp. prom aire 0.002858 0.004857 0.588 0.556

L33.Conduct 1.435151 5.306898 0.270 0.787

L33.Water 1056.356236 NAN NAN NAN

L33.Temp -241.247961 NAN NAN NAN

L33.Precip. horaria 0.002233 0.010887 0.205 0.838

L33.Temp. prom aire -0.005908 0.004885 -1.209 0.226

L34.Conduct 3.481007 9.976505 0.349 0.727

L34.Water -1849.986788 NAN NAN NAN

L34.Temp 502.206803 133.857198 3.752 0.000

L34.Precip. horaria -0.012962 0.010880 -1.191 0.234

L34.Temp. prom aire 0.005105 0.004889 1.044 0.296

L35.Conduct -3.541390 4.622802 -0.766 0.444

L35.Water 1682.198988 NAN NAN NAN

L35.Temp -458.695614 NAN NAN NAN

L35.Precip. horaria -0.017367 0.010882 -1.596 0.111

L35.Temp. prom aire -0.005489 0.004889 -1.123 0.262

L36.Conduct -0.945703 9.269162 -0.102 0.919

L36.Water -718.337683 NAN NAN NAN

L36.Temp 155.398771 NAN NAN NAN

L36.Precip. horaria 0.009352 0.010883 0.859 0.390

L36.Temp. prom aire 0.008732 0.004892 1.785 0.074

L37.Conduct 3.916809 7.659900 0.511 0.609

L37.Water -24.150560 NAN NAN NAN

L37.Temp 119.724256 NAN NAN NAN

L37.Precip. horaria 0.001793 0.010880 0.165 0.869

L37.Temp. prom aire -0.003549 0.004894 -0.725 0.468

L38.Conduct -1.572642 6.784180 -0.232 0.817

L38.Water 215.394432 NAN NAN NAN

L38.Temp -238.303869 NAN NAN NAN

L38.Precip. horaria -0.004824 0.010880 -0.443 0.658

L38.Temp. prom aire 0.000926 0.004894 0.189 0.850

L39.Conduct -1.962096 9.077093 -0.216 0.829

L39.Water 4.537558 NAN NAN NAN

L39.Temp 183.550304 NAN NAN NAN

L39.Precip. horaria -0.000002 0.010871 -0.000 1.000

L39.Temp. prom aire -0.005644 0.004888 -1.155 0.248

L40.Conduct 1.903324 2.985883 0.637 0.524

L40.Water -299.947515 NAN NAN NAN

L40.Temp -37.653508 NAN NAN NAN

L40.Precip. horaria -0.008244 0.010866 -0.759 0.448

L40.Temp. prom aire 0.006379 0.004888 1.305 0.192

L41.Conduct -0.766392 9.375714 -0.082 0.935

L41.Water 31.598449 NAN NAN NAN

L41.Temp 59.980315 NAN NAN NAN

L41.Precip. horaria 0.000803 0.010859 0.074 0.941

L41.Temp. prom aire -0.005544 0.004893 -1.133 0.257

L42.Conduct -2.424005 8.941508 -0.271 0.786

L42.Water 589.538719 NAN NAN NAN

L42.Temp -232.884867 NAN NAN NAN

L42.Precip. horaria -0.006823 0.010850 -0.629 0.529

L42.Temp. prom aire 0.001327 0.004889 0.272 0.786

L43.Conduct 2.208490 8.038953 0.275 0.784

L43.Water -567.882795 NAN NAN NAN

L43.Temp 230.439273 NAN NAN NAN

L43.Precip. horaria -0.003137 0.010855 -0.289 0.773

L43.Temp. prom aire 0.003983 0.004890 0.815 0.415

L44.Conduct 1.845313 10.218393 0.181 0.857

L44.Water -77.774176 NAN NAN NAN

L44.Temp -29.584864 NAN NAN NAN

L44.Precip. horaria 0.010515 0.010854 0.969 0.333

L44.Temp. prom aire -0.002423 0.004890 -0.495 0.620

L45.Conduct -2.189098 8.316728 -0.263 0.792

L45.Water 395.735167 NAN NAN NAN

L45.Temp -107.167534 NAN NAN NAN

L45.Precip. horaria 0.003088 0.010854 0.284 0.776

L45.Temp. prom aire -0.004902 0.004891 -1.002 0.316

L46.Conduct 3.045965 8.071880 0.377 0.706

L46.Water -160.145033 NAN NAN NAN

L46.Temp 89.483381 NAN NAN NAN

L46.Precip. horaria 0.009519 0.010851 0.877 0.380

L46.Temp. prom aire 0.006526 0.004886 1.336 0.182

L47.Conduct -4.204980 7.168183 -0.587 0.557

L47.Water -51.229471 NAN NAN NAN

L47.Temp -28.330154 NAN NAN NAN

L47.Precip. horaria 0.006190 0.010760 0.575 0.565

L47.Temp. prom aire -0.000791 0.004620 -0.171 0.864

L48.Conduct 1.764987 2.447931 0.721 0.471

L48.Water 35.043560 NAN NAN NAN

L48.Temp 2.554533 NAN NAN NAN

L48.Precip. horaria -0.011244 0.009369 -1.200 0.230

L48.Temp. prom aire -0.001264 0.002645 -0.478 0.633

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.199752 0.072625 2.750 0.006

L1.Conduct -12.593965 NAN NAN NAN

L1.Water 79.225820 NAN NAN NAN

L1.Temp -46.381690 NAN NAN NAN

L1.Precip. horaria 0.037139 0.032896 1.129 0.259

L1.Temp. prom aire 1.436592 0.009316 154.211 0.000

L2.Conduct 2.951170 NAN NAN NAN

L2.Water -327.324111 NAN NAN NAN

L2.Temp 14.227826 NAN NAN NAN

L2.Precip. horaria 0.017818 0.037755 0.472 0.637

L2.Temp. prom aire -0.583696 0.016276 -35.862 0.000

L3.Conduct 152.398718 NAN NAN NAN

L3.Water 808.857940 NAN NAN NAN

L3.Temp 298.473999 NAN NAN NAN

L3.Precip. horaria -0.011718 0.037894 -0.309 0.757

L3.Temp. prom aire 0.077138 0.017154 4.497 0.000

L4.Conduct -298.628803 NAN NAN NAN

L4.Water -1432.180821 NAN NAN NAN

L4.Temp -418.829482 NAN NAN NAN

L4.Precip. horaria -0.011969 0.038176 -0.314 0.754

L4.Temp. prom aire -0.021583 0.017204 -1.255 0.210

L5.Conduct 5.275131 356.950031 0.015 0.988

L5.Water 1456.300647 NAN NAN NAN

L5.Temp 126.878557 NAN NAN NAN

L5.Precip. horaria -0.002220 0.037894 -0.059 0.953

L5.Temp. prom aire -0.020252 0.017218 -1.176 0.240

L6.Conduct 328.280882 663.960797 0.494 0.621

L6.Water -449.721586 NAN NAN NAN

L6.Temp -1.934345 288.396142 -0.007 0.995

L6.Precip. horaria 0.021350 0.038105 0.560 0.575

L6.Temp. prom aire 0.021472 0.017205 1.248 0.212

L7.Conduct 424.322292 172.224984 2.464 0.014

L7.Water -968.284487 1460.059165 -0.663 0.507

L7.Temp -356.414574 NAN NAN NAN

L7.Precip. horaria 0.010514 0.038076 0.276 0.782

L7.Temp. prom aire -0.037076 0.017202 -2.155 0.031

L8.Conduct -2082.457439 579.957738 -3.591 0.000

L8.Water 2784.387650 NAN NAN NAN

L8.Temp 1239.457279 NAN NAN NAN

L8.Precip. horaria 0.033812 0.037864 0.893 0.372

L8.Temp. prom aire 0.014284 0.017198 0.831 0.406

L9.Conduct 2982.042835 473.119691 6.303 0.000

L9.Water -5414.167928 NAN NAN NAN

L9.Temp -1579.110181 NAN NAN NAN

L9.Precip. horaria -0.029681 0.038136 -0.778 0.436

L9.Temp. prom aire 0.006954 0.017196 0.404 0.686

L10.Conduct -2282.491590 540.416870 -4.224 0.000

L10.Water 7406.301800 NAN NAN NAN

L10.Temp 1296.168863 NAN NAN NAN

L10.Precip. horaria -0.052687 0.038176 -1.380 0.168

L10.Temp. prom aire -0.004868 0.017179 -0.283 0.777

L11.Conduct 890.371222 228.833317 3.891 0.000

L11.Water -6058.839702 NAN NAN NAN

L11.Temp -923.358910 NAN NAN NAN

L11.Precip. horaria 0.007683 0.037972 0.202 0.840

L11.Temp. prom aire -0.015620 0.017185 -0.909 0.363

L12.Conduct 282.390700 NAN NAN NAN

L12.Water 1505.961269 1369.624500 1.100 0.272

L12.Temp 204.926315 NAN NAN NAN

L12.Precip. horaria 0.021579 0.038283 0.564 0.573

L12.Temp. prom aire 0.016622 0.017192 0.967 0.334

L13.Conduct -1689.649088 555.941216 -3.039 0.002

L13.Water 2012.117989 NAN NAN NAN

L13.Temp 811.587076 288.460594 2.814 0.005

L13.Precip. horaria -0.001100 0.038122 -0.029 0.977

L13.Temp. prom aire -0.018653 0.017198 -1.085 0.278

L14.Conduct 3828.477184 857.039536 4.467 0.000

L14.Water -2046.983398 1321.616605 -1.549 0.121

L14.Temp -1725.499294 342.382113 -5.040 0.000

L14.Precip. horaria -0.008833 0.038060 -0.232 0.816

L14.Temp. prom aire 0.027679 0.017190 1.610 0.107

L15.Conduct -5789.397195 702.118804 -8.246 0.000

L15.Water 960.249919 NAN NAN NAN

L15.Temp 2282.377832 301.168030 7.578 0.000

L15.Precip. horaria 0.028613 0.038305 0.747 0.455

L15.Temp. prom aire -0.016997 0.017193 -0.989 0.323

L16.Conduct 5995.586546 660.130953 9.082 0.000

L16.Water -111.368533 NAN NAN NAN

L16.Temp -2376.515628 149.432074 -15.904 0.000

L16.Precip. horaria -0.010423 0.038163 -0.273 0.785

L16.Temp. prom aire -0.001485 0.017197 -0.086 0.931

L17.Conduct -3635.874002 503.471290 -7.222 0.000

L17.Water -2198.628278 NAN NAN NAN

L17.Temp 1524.037894 NAN NAN NAN

L17.Precip. horaria 0.010719 0.038218 0.280 0.779

L17.Temp. prom aire 0.022016 0.017179 1.282 0.200

L18.Conduct -320.232051 502.025751 -0.638 0.524

L18.Water 6248.349281 1559.101005 4.008 0.000

L18.Temp 351.953942 35.400340 9.942 0.000

L18.Precip. horaria 0.003239 0.038267 0.085 0.933

L18.Temp. prom aire -0.023411 0.017184 -1.362 0.173

L19.Conduct 3652.045705 NAN NAN NAN

L19.Water -10044.596628 1051.438885 -9.553 0.000

L19.Temp -1966.080166 NAN NAN NAN

L19.Precip. horaria -0.018387 0.037988 -0.484 0.628

L19.Temp. prom aire 0.023168 0.017188 1.348 0.178

L20.Conduct -5056.207671 NAN NAN NAN

L20.Water 12027.433056 NAN NAN NAN

L20.Temp 2574.954638 NAN NAN NAN

L20.Precip. horaria -0.017738 0.038246 -0.464 0.643

L20.Temp. prom aire -0.021607 0.017185 -1.257 0.209

L21.Conduct 4700.919551 359.229635 13.086 0.000

L21.Water -12126.854501 NAN NAN NAN

L21.Temp -2431.196673 NAN NAN NAN

L21.Precip. horaria 0.011869 0.038231 0.310 0.756

L21.Temp. prom aire 0.015918 0.017175 0.927 0.354

L22.Conduct -3109.550428 NAN NAN NAN

L22.Water 11501.293119 NAN NAN NAN

L22.Temp 1859.654752 NAN NAN NAN

L22.Precip. horaria 0.010576 0.038021 0.278 0.781

L22.Temp. prom aire 0.028677 0.017130 1.674 0.094

L23.Conduct 1219.172477 NAN NAN NAN

L23.Water -11413.331585 2850.282046 -4.004 0.000

L23.Temp -1228.830965 NAN NAN NAN

L23.Precip. horaria 0.030058 0.038282 0.785 0.432

L23.Temp. prom aire 0.049859 0.017113 2.914 0.004

L24.Conduct -157.151331 313.113927 -0.502 0.616

L24.Water 10964.562257 NAN NAN NAN

L24.Temp 658.207860 475.805877 1.383 0.167

L24.Precip. horaria -0.012616 0.038261 -0.330 0.742

L24.Temp. prom aire 0.118971 0.017112 6.952 0.000

L25.Conduct -16.243568 151.572308 -0.107 0.915

L25.Water -8222.282874 3912.004739 -2.102 0.036

L25.Temp -252.232818 NAN NAN NAN

L25.Precip. horaria 0.020528 0.038268 0.536 0.592

L25.Temp. prom aire -0.174300 0.017133 -10.173 0.000

L26.Conduct -42.349640 28.164464 -1.504 0.133

L26.Water 4218.404552 NAN NAN NAN

L26.Temp -209.340609 NAN NAN NAN

L26.Precip. horaria -0.001199 0.038270 -0.031 0.975

L26.Temp. prom aire 0.002871 0.017199 0.167 0.867

L27.Conduct 46.332999 NAN NAN NAN

L27.Water -1592.801869 NAN NAN NAN

L27.Temp 1202.066945 NAN NAN NAN

L27.Precip. horaria -0.024084 0.038248 -0.630 0.529

L27.Temp. prom aire 0.011948 0.017185 0.695 0.487

L28.Conduct -27.048818 35.227048 -0.768 0.443

L28.Water 866.686441 NAN NAN NAN

L28.Temp -1785.660544 NAN NAN NAN

L28.Precip. horaria 0.007287 0.038280 0.190 0.849

L28.Temp. prom aire -0.016807 0.017189 -0.978 0.328

L29.Conduct 15.202091 6.831497 2.225 0.026

L29.Water -1503.269069 901.765731 -1.667 0.096

L29.Temp 958.333001 NAN NAN NAN

L29.Precip. horaria -0.028519 0.038281 -0.745 0.456

L29.Temp. prom aire 0.023669 0.017202 1.376 0.169

L30.Conduct 9.035961 4.730289 1.910 0.056

L30.Water 3090.286751 1354.304436 2.282 0.022

L30.Temp 236.583177 NAN NAN NAN

L30.Precip. horaria -0.010224 0.038284 -0.267 0.789

L30.Temp. prom aire 0.008528 0.017176 0.497 0.620

L31.Conduct -38.641558 35.535744 -1.087 0.277

L31.Water -4518.384448 NAN NAN NAN

L31.Temp -1114.880567 NAN NAN NAN

L31.Precip. horaria -0.020120 0.038251 -0.526 0.599

L31.Temp. prom aire -0.010005 0.017096 -0.585 0.558

L32.Conduct 38.597693 NAN NAN NAN

L32.Water 4399.084819 NAN NAN NAN

L32.Temp 2029.500420 NAN NAN NAN

L32.Precip. horaria 0.047227 0.038244 1.235 0.217

L32.Temp. prom aire -0.005086 0.017078 -0.298 0.766

L33.Conduct -10.972161 18.659970 -0.588 0.557

L33.Water -2138.191633 NAN NAN NAN

L33.Temp -2502.675662 NAN NAN NAN

L33.Precip. horaria -0.002524 0.038280 -0.066 0.947

L33.Temp. prom aire 0.019527 0.017176 1.137 0.256

L34.Conduct -20.411211 35.079111 -0.582 0.561

L34.Water -1801.319354 NAN NAN NAN

L34.Temp 2410.416708 470.664992 5.121 0.000

L34.Precip. horaria -0.020134 0.038254 -0.526 0.599

L34.Temp. prom aire -0.020356 0.017192 -1.184 0.236

L35.Conduct 35.574401 16.254568 2.189 0.029

L35.Water 7048.705937 NAN NAN NAN

L35.Temp -2331.193958 NAN NAN NAN

L35.Precip. horaria 0.020386 0.038264 0.533 0.594

L35.Temp. prom aire 0.033265 0.017190 1.935 0.053

L36.Conduct -40.674908 32.591971 -1.248 0.212

L36.Water -12454.851533 NAN NAN NAN

L36.Temp 1837.491453 NAN NAN NAN

L36.Precip. horaria -0.015618 0.038267 -0.408 0.683

L36.Temp. prom aire -0.038904 0.017201 -2.262 0.024

L37.Conduct 30.039351 26.933528 1.115 0.265

L37.Water 14149.652392 NAN NAN NAN

L37.Temp -295.878708 NAN NAN NAN

L37.Precip. horaria -0.037265 0.038255 -0.974 0.330

L37.Temp. prom aire 0.023567 0.017208 1.370 0.171

L38.Conduct -14.447400 23.854346 -0.606 0.545

L38.Water -9975.433964 NAN NAN NAN

L38.Temp -1176.785654 NAN NAN NAN

L38.Precip. horaria 0.006082 0.038257 0.159 0.874

L38.Temp. prom aire -0.000980 0.017208 -0.057 0.955

L39.Conduct -1.037091 31.916626 -0.032 0.974

L39.Water 3333.814355 NAN NAN NAN

L39.Temp 1164.888898 NAN NAN NAN

L39.Precip. horaria 0.022771 0.038226 0.596 0.551

L39.Temp. prom aire -0.020482 0.017186 -1.192 0.233

L40.Conduct 37.346873 10.498878 3.557 0.000

L40.Water 2221.487759 NAN NAN NAN

L40.Temp -477.143887 NAN NAN NAN

L40.Precip. horaria -0.037843 0.038207 -0.990 0.322

L40.Temp. prom aire -0.010328 0.017187 -0.601 0.548

L41.Conduct -34.274098 32.966628 -1.040 0.298

L41.Water -6450.881661 NAN NAN NAN

L41.Temp 589.398632 NAN NAN NAN

L41.Precip. horaria 0.021309 0.038184 0.558 0.577

L41.Temp. prom aire 0.003201 0.017206 0.186 0.852

L42.Conduct -6.712966 31.439885 -0.214 0.831

L42.Water 8837.123070 NAN NAN NAN

L42.Temp -1307.389905 NAN NAN NAN

L42.Precip. horaria -0.028440 0.038152 -0.745 0.456

L42.Temp. prom aire 0.017116 0.017191 0.996 0.319

L43.Conduct -11.619013 28.266344 -0.411 0.681

L43.Water -9061.332145 NAN NAN NAN

L43.Temp 1508.116702 NAN NAN NAN

L43.Precip. horaria 0.029083 0.038167 0.762 0.446

L43.Temp. prom aire -0.013959 0.017193 -0.812 0.417

L44.Conduct 53.586356 35.929632 1.491 0.136

L44.Water 9068.914194 NAN NAN NAN

L44.Temp -807.958062 NAN NAN NAN

L44.Precip. horaria -0.012370 0.038166 -0.324 0.746

L44.Temp. prom aire 0.025219 0.017195 1.467 0.142

L45.Conduct -36.636257 29.243051 -1.253 0.210

L45.Water -8793.082217 NAN NAN NAN

L45.Temp -198.027478 NAN NAN NAN

L45.Precip. horaria -0.027011 0.038163 -0.708 0.479

L45.Temp. prom aire -0.013618 0.017196 -0.792 0.428

L46.Conduct -8.427890 28.382120 -0.297 0.767

L46.Water 6141.514226 NAN NAN NAN

L46.Temp 747.480761 NAN NAN NAN

L46.Precip. horaria 0.025939 0.038154 0.680 0.497

L46.Temp. prom aire -0.000878 0.017180 -0.051 0.959

L47.Conduct 22.365175 25.204566 0.887 0.375

L47.Water -2430.376028 NAN NAN NAN

L47.Temp -569.550598 NAN NAN NAN

L47.Precip. horaria 0.003375 0.037834 0.089 0.929

L47.Temp. prom aire 0.109210 0.016245 6.723 0.000

L48.Conduct -8.584790 8.607348 -0.997 0.319

L48.Water 403.771725 NAN NAN NAN

L48.Temp 155.702836 NAN NAN NAN

L48.Precip. horaria 0.000816 0.032942 0.025 0.980

L48.Temp. prom aire -0.082770 0.009299 -8.901 0.000

=============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 -0.052859 0.759280 -0.000503 -0.028455

Water -0.052859 1.000000 -0.394321 -0.007661 0.009279

Temp 0.759280 -0.394321 1.000000 0.002167 -0.030785

Precip. horaria -0.000503 -0.007661 0.002167 1.000000 -0.023505

Temp. prom aire -0.028455 0.009279 -0.030785 -0.023505 1.000000

Coeficientes regresiones para series temporales Diarias:

* Lag 2:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -16.3246

Nobs: 486.000 HQIC: -16.6122

Log likelihood: 688.975 FPE: 5.06515e-08

AIC: -16.7983 Det(Omega\_mle): 4.52889e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.568720 0.108507 5.241 0.000

L1.Conduct 1.935201 0.014606 132.491 0.000

L1.Water 0.110546 0.039093 2.828 0.005

L1.Temp 0.105743 0.040827 2.590 0.010

L1.Precip. horaria -0.018931 0.038238 -0.495 0.621

L1.Temp. prom aire -0.000228 0.004876 -0.047 0.963

L2.Conduct -0.942007 0.014011 -67.232 0.000

L2.Water -0.108060 0.037877 -2.853 0.004

L2.Temp -0.119991 0.040638 -2.953 0.003

L2.Precip. horaria -0.114644 0.037622 -3.047 0.002

L2.Temp. prom aire -0.001383 0.004782 -0.289 0.772

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.214581 0.037820 5.674 0.000

L1.Conduct 0.018075 0.005091 3.550 0.000

L1.Water 1.906769 0.013626 139.938 0.000

L1.Temp 0.053758 0.014230 3.778 0.000

L1.Precip. horaria -0.013345 0.013328 -1.001 0.317

L1.Temp. prom aire -0.000854 0.001700 -0.502 0.615

L2.Conduct -0.019801 0.004884 -4.055 0.000

L2.Water -0.908147 0.013202 -68.788 0.000

L2.Temp -0.058002 0.014164 -4.095 0.000

L2.Precip. horaria -0.033575 0.013113 -2.560 0.010

L2.Temp. prom aire -0.001061 0.001667 -0.637 0.524

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.169827 0.035332 4.807 0.000

L1.Conduct 0.005111 0.004756 1.075 0.283

L1.Water -0.054851 0.012729 -4.309 0.000

L1.Temp 1.972613 0.013294 148.384 0.000

L1.Precip. horaria -0.027552 0.012451 -2.213 0.027

L1.Temp. prom aire -0.001725 0.001588 -1.086 0.277

L2.Conduct -0.005009 0.004562 -1.098 0.272

L2.Water 0.051558 0.012333 4.180 0.000

L2.Temp -0.971778 0.013232 -73.439 0.000

L2.Precip. horaria -0.011155 0.012250 -0.911 0.363

L2.Temp. prom aire -0.007147 0.001557 -4.590 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.277752 0.131254 -2.116 0.034

L1.Conduct 0.078614 0.017668 4.449 0.000

L1.Water 0.054087 0.047288 1.144 0.253

L1.Temp -0.013802 0.049386 -0.279 0.780

L1.Precip. horaria 0.153392 0.046254 3.316 0.001

L1.Temp. prom aire 0.004044 0.005898 0.686 0.493

L2.Conduct -0.077990 0.016949 -4.602 0.000

L2.Water -0.044952 0.045818 -0.981 0.327

L2.Temp 0.016141 0.049157 0.328 0.743

L2.Precip. horaria -0.026551 0.045510 -0.583 0.560

L2.Temp. prom aire 0.001622 0.005784 0.280 0.779

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.329328 1.020368 5.223 0.000

L1.Conduct 0.171821 0.137353 1.251 0.211

L1.Water -0.303084 0.367619 -0.824 0.410

L1.Temp 2.446020 0.383926 6.371 0.000

L1.Precip. horaria 0.222724 0.359580 0.619 0.536

L1.Temp. prom aire 0.438046 0.045853 9.553 0.000

L2.Conduct -0.175235 0.131759 -1.330 0.184

L2.Water 0.245140 0.356187 0.688 0.491

L2.Temp -2.256885 0.382148 -5.906 0.000

L2.Precip. horaria -0.404991 0.353792 -1.145 0.252

L2.Temp. prom aire 0.024304 0.044968 0.540 0.589

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.695582 -0.088759 0.065116 -0.020588

Water 0.695582 1.000000 0.029748 0.013195 -0.029846

Temp -0.088759 0.029748 1.000000 -0.125700 0.001950

Precip. horaria 0.065116 0.013195 -0.125700 1.000000 0.089779

Temp. prom aire -0.020588 -0.029846 0.001950 0.089779 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -16.2453

Nobs: 486.000 HQIC: -16.5330

Log likelihood: 669.716 FPE: 5.48293e-08

AIC: -16.7191 Det(Omega\_mle): 4.90244e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.738872 0.106008 6.970 0.000

L1.Conduct 1.958162 0.014107 138.803 0.000

L1.Water 0.015774 0.040985 0.385 0.700

L1.Temp -0.061488 0.038497 -1.597 0.110

L1.Precip. horaria -0.070390 0.038637 -1.822 0.068

L1.Temp. prom aire 0.008386 0.005003 1.676 0.094

L2.Conduct -0.965450 0.013951 -69.201 0.000

L2.Water -0.025740 0.040878 -0.630 0.529

L2.Temp 0.037419 0.038035 0.984 0.325

L2.Precip. horaria -0.165773 0.037708 -4.396 0.000

L2.Temp. prom aire 0.001917 0.004916 0.390 0.697

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.222129 0.037313 5.953 0.000

L1.Conduct 0.013576 0.004966 2.734 0.006

L1.Water 1.934262 0.014426 134.081 0.000

L1.Temp 0.001745 0.013550 0.129 0.898

L1.Precip. horaria -0.039324 0.013599 -2.892 0.004

L1.Temp. prom aire 0.002068 0.001761 1.174 0.240

L2.Conduct -0.014990 0.004911 -3.052 0.002

L2.Water -0.938715 0.014388 -65.241 0.000

L2.Temp -0.008145 0.013388 -0.608 0.543

L2.Precip. horaria -0.065724 0.013273 -4.952 0.000

L2.Temp. prom aire -0.000225 0.001730 -0.130 0.897

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.090557 0.038075 2.378 0.017

L1.Conduct 0.011524 0.005067 2.274 0.023

L1.Water -0.040200 0.014721 -2.731 0.006

L1.Temp 1.982374 0.013827 143.371 0.000

L1.Precip. horaria -0.001712 0.013877 -0.123 0.902

L1.Temp. prom aire -0.004332 0.001797 -2.411 0.016

L2.Conduct -0.011275 0.005011 -2.250 0.024

L2.Water 0.038920 0.014682 2.651 0.008

L2.Temp -0.978669 0.013661 -71.639 0.000

L2.Precip. horaria 0.005825 0.013544 0.430 0.667

L2.Temp. prom aire -0.006850 0.001766 -3.880 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.289910 0.126080 -2.299 0.021

L1.Conduct 0.054357 0.016779 3.240 0.001

L1.Water 0.089483 0.048746 1.836 0.066

L1.Temp -0.034176 0.045786 -0.746 0.455

L1.Precip. horaria 0.159199 0.045952 3.464 0.001

L1.Temp. prom aire 0.003757 0.005951 0.631 0.528

L2.Conduct -0.054667 0.016593 -3.295 0.001

L2.Water -0.076072 0.048619 -1.565 0.118

L2.Temp 0.037191 0.045237 0.822 0.411

L2.Precip. horaria -0.016864 0.044848 -0.376 0.707

L2.Temp. prom aire 0.001310 0.005846 0.224 0.823

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.270442 0.966776 1.314 0.189

L1.Conduct 0.215553 0.128658 1.675 0.094

L1.Water 0.180392 0.373782 0.483 0.629

L1.Temp 2.564836 0.351085 7.305 0.000

L1.Precip. horaria 0.161247 0.352361 0.458 0.647

L1.Temp. prom aire 0.416464 0.045631 9.127 0.000

L2.Conduct -0.200346 0.127235 -1.575 0.115

L2.Water -0.170532 0.372805 -0.457 0.647

L2.Temp -2.278133 0.346878 -6.568 0.000

L2.Precip. horaria -0.599290 0.343895 -1.743 0.081

L2.Temp. prom aire 0.017033 0.044831 0.380 0.704

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.766870 -0.111073 0.011216 0.084021

Water 0.766870 1.000000 -0.089672 -0.057347 0.055084

Temp -0.111073 -0.089672 1.000000 -0.020281 -0.042029

Precip. horaria 0.011216 -0.057347 -0.020281 1.000000 0.093182

Temp. prom aire 0.084021 0.055084 -0.042029 0.093182 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -12.6666

Nobs: 486.000 HQIC: -12.9542

Log likelihood: -199.925 FPE: 1.96450e-06

AIC: -13.1403 Det(Omega\_mle): 1.75652e-06

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.814088 0.395740 7.111 0.000

L1.Conduct 1.929544 0.014204 135.846 0.000

L1.Water 0.055494 0.083435 0.665 0.506

L1.Temp -0.075828 0.125494 -0.604 0.546

L1.Precip. horaria 0.208905 0.130872 1.596 0.110

L1.Temp. prom aire 0.011105 0.016445 0.675 0.500

L2.Conduct -0.940741 0.014061 -66.904 0.000

L2.Water -0.069275 0.082898 -0.836 0.403

L2.Temp -0.005351 0.125087 -0.043 0.966

L2.Precip. horaria -0.075989 0.129310 -0.588 0.557

L2.Temp. prom aire 0.007096 0.016219 0.437 0.662

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.464900 0.058775 7.910 0.000

L1.Conduct 0.003218 0.002110 1.526 0.127

L1.Water 1.944706 0.012392 156.937 0.000

L1.Temp 0.044962 0.018638 2.412 0.016

L1.Precip. horaria 0.004819 0.019437 0.248 0.804

L1.Temp. prom aire 0.000331 0.002442 0.135 0.892

L2.Conduct -0.004602 0.002088 -2.204 0.028

L2.Water -0.948902 0.012312 -77.072 0.000

L2.Temp -0.055911 0.018578 -3.010 0.003

L2.Precip. horaria -0.041788 0.019205 -2.176 0.030

L2.Temp. prom aire -0.001126 0.002409 -0.468 0.640

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.189307 0.040760 4.644 0.000

L1.Conduct 0.000828 0.001463 0.566 0.571

L1.Water -0.021616 0.008593 -2.515 0.012

L1.Temp 1.984455 0.012925 153.531 0.000

L1.Precip. horaria 0.009142 0.013479 0.678 0.498

L1.Temp. prom aire -0.002876 0.001694 -1.698 0.089

L2.Conduct -0.001150 0.001448 -0.794 0.427

L2.Water 0.019969 0.008538 2.339 0.019

L2.Temp -0.984495 0.012884 -76.415 0.000

L2.Precip. horaria 0.019421 0.013318 1.458 0.145

L2.Temp. prom aire -0.005961 0.001671 -3.568 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.208577 0.140011 1.490 0.136

L1.Conduct 0.007282 0.005025 1.449 0.147

L1.Water 0.111756 0.029519 3.786 0.000

L1.Temp -0.049522 0.044399 -1.115 0.265

L1.Precip. horaria 0.155374 0.046302 3.356 0.001

L1.Temp. prom aire 0.004674 0.005818 0.803 0.422

L2.Conduct -0.009048 0.004975 -1.819 0.069

L2.Water -0.104988 0.029329 -3.580 0.000

L2.Temp 0.037664 0.044255 0.851 0.395

L2.Precip. horaria -0.035406 0.045750 -0.774 0.439

L2.Temp. prom aire 0.002571 0.005738 0.448 0.654

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.423898 1.101598 4.016 0.000

L1.Conduct 0.010972 0.039539 0.277 0.781

L1.Water 0.377722 0.232253 1.626 0.104

L1.Temp 1.860072 0.349331 5.325 0.000

L1.Precip. horaria 0.133182 0.364300 0.366 0.715

L1.Temp. prom aire 0.469047 0.045777 10.246 0.000

L2.Conduct -0.012834 0.039141 -0.328 0.743

L2.Water -0.428960 0.230759 -1.859 0.063

L2.Temp -1.697804 0.348199 -4.876 0.000

L2.Precip. horaria -0.686633 0.359954 -1.908 0.056

L2.Temp. prom aire 0.055271 0.045148 1.224 0.221

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.559255 -0.219536 0.131415 0.020881

Water 0.559255 1.000000 -0.008151 0.087875 0.019896

Temp -0.219536 -0.008151 1.000000 -0.000208 -0.009656

Precip. horaria 0.131415 0.087875 -0.000208 1.000000 0.092501

Temp. prom aire 0.020881 0.019896 -0.009656 0.092501 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -18.5370

Nobs: 486.000 HQIC: -18.8246

Log likelihood: 1226.58 FPE: 5.54334e-09

AIC: -19.0107 Det(Omega\_mle): 4.95645e-09

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.159499 0.024822 6.426 0.000

L1.Conduct 1.881901 0.024279 77.513 0.000

L1.Water 0.056318 0.018273 3.082 0.002

L1.Temp -0.008144 0.016388 -0.497 0.619

L1.Precip. horaria -0.025381 0.014191 -1.788 0.074

L1.Temp. prom aire 0.001924 0.001825 1.055 0.292

L2.Conduct -0.898449 0.022692 -39.593 0.000

L2.Water -0.053602 0.017512 -3.061 0.002

L2.Temp 0.000920 0.016064 0.057 0.954

L2.Precip. horaria -0.056837 0.013881 -4.095 0.000

L2.Temp. prom aire 0.001232 0.001794 0.687 0.492

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.203845 0.033667 6.055 0.000

L1.Conduct 0.009212 0.032930 0.280 0.780

L1.Water 1.964711 0.024785 79.269 0.000

L1.Temp 0.000192 0.022228 0.009 0.993

L1.Precip. horaria -0.043611 0.019249 -2.266 0.023

L1.Temp. prom aire 0.002054 0.002475 0.830 0.407

L2.Conduct -0.025605 0.030779 -0.832 0.405

L2.Water -0.963904 0.023753 -40.580 0.000

L2.Temp -0.008579 0.021789 -0.394 0.694

L2.Precip. horaria -0.084507 0.018827 -4.489 0.000

L2.Temp. prom aire 0.000682 0.002433 0.280 0.779

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.077651 0.019952 3.892 0.000

L1.Conduct 0.024743 0.019515 1.268 0.205

L1.Water -0.033215 0.014688 -2.261 0.024

L1.Temp 1.980118 0.013172 150.322 0.000

L1.Precip. horaria -0.004230 0.011407 -0.371 0.711

L1.Temp. prom aire -0.002480 0.001467 -1.691 0.091

L2.Conduct -0.025851 0.018240 -1.417 0.156

L2.Water 0.032622 0.014076 2.318 0.020

L2.Temp -0.977686 0.012912 -75.717 0.000

L2.Precip. horaria 0.005445 0.011157 0.488 0.626

L2.Temp. prom aire -0.005948 0.001442 -4.125 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.033173 0.080211 -0.414 0.679

L1.Conduct 0.029370 0.078455 0.374 0.708

L1.Water 0.180184 0.059050 3.051 0.002

L1.Temp -0.103065 0.052957 -1.946 0.052

L1.Precip. horaria 0.159318 0.045859 3.474 0.001

L1.Temp. prom aire 0.005067 0.005896 0.859 0.390

L2.Conduct -0.042490 0.073329 -0.579 0.562

L2.Water -0.165184 0.056590 -2.919 0.004

L2.Temp 0.099745 0.051911 1.921 0.055

L2.Precip. horaria -0.014353 0.044856 -0.320 0.749

L2.Temp. prom aire 0.001559 0.005797 0.269 0.788

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.233346 0.623587 3.581 0.000

L1.Conduct 1.434395 0.609941 2.352 0.019

L1.Water -0.606423 0.459076 -1.321 0.187

L1.Temp 2.723409 0.411705 6.615 0.000

L1.Precip. horaria 0.256036 0.356524 0.718 0.473

L1.Temp. prom aire 0.436261 0.045839 9.517 0.000

L2.Conduct -1.358186 0.570087 -2.382 0.017

L2.Water 0.564225 0.439954 1.282 0.200

L2.Temp -2.461687 0.403578 -6.100 0.000

L2.Precip. horaria -0.462783 0.348724 -1.327 0.184

L2.Temp. prom aire 0.023493 0.045070 0.521 0.602

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.881864 -0.104706 -0.033162 0.022880

Water 0.881864 1.000000 -0.034246 -0.049099 0.011223

Temp -0.104706 -0.034246 1.000000 -0.046746 -0.005535

Precip. horaria -0.033162 -0.049099 -0.046746 1.000000 0.101728

Temp. prom aire 0.022880 0.011223 -0.005535 0.101728 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -16.3933

Nobs: 486.000 HQIC: -16.6809

Log likelihood: 705.660 FPE: 4.72903e-08

AIC: -16.8670 Det(Omega\_mle): 4.22835e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.702390 0.084089 8.353 0.000

L1.Conduct 1.945873 0.013114 148.386 0.000

L1.Water 0.001750 0.032102 0.055 0.957

L1.Temp -0.031115 0.034627 -0.899 0.369

L1.Precip. horaria 0.021112 0.033970 0.622 0.534

L1.Temp. prom aire 0.006341 0.004392 1.444 0.149

L2.Conduct -0.959575 0.012924 -74.248 0.000

L2.Water 0.001463 0.031654 0.046 0.963

L2.Temp 0.006853 0.034632 0.198 0.843

L2.Precip. horaria -0.058337 0.033346 -1.749 0.080

L2.Temp. prom aire 0.003322 0.004315 0.770 0.441

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.112931 0.033371 3.384 0.001

L1.Conduct 0.032393 0.005204 6.224 0.000

L1.Water 1.896553 0.012740 148.867 0.000

L1.Temp 0.008104 0.013742 0.590 0.555

L1.Precip. horaria -0.026837 0.013481 -1.991 0.047

L1.Temp. prom aire 0.001830 0.001743 1.050 0.294

L2.Conduct -0.033624 0.005129 -6.556 0.000

L2.Water -0.898056 0.012562 -71.491 0.000

L2.Temp -0.012144 0.013744 -0.884 0.377

L2.Precip. horaria -0.046129 0.013233 -3.486 0.000

L2.Temp. prom aire 0.000239 0.001712 0.140 0.889

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.088119 0.033039 2.667 0.008

L1.Conduct 0.018195 0.005152 3.531 0.000

L1.Water -0.045457 0.012613 -3.604 0.000

L1.Temp 1.982792 0.013605 145.740 0.000

L1.Precip. horaria -0.012865 0.013347 -0.964 0.335

L1.Temp. prom aire -0.003759 0.001726 -2.178 0.029

L2.Conduct -0.017738 0.005078 -3.493 0.000

L2.Water 0.044045 0.012437 3.541 0.000

L2.Temp -0.979217 0.013607 -71.963 0.000

L2.Precip. horaria -0.002298 0.013102 -0.175 0.861

L2.Temp. prom aire -0.006979 0.001695 -4.117 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.221342 0.114859 -1.927 0.054

L1.Conduct 0.063584 0.017912 3.550 0.000

L1.Water 0.030015 0.043849 0.685 0.494

L1.Temp -0.069296 0.047297 -1.465 0.143

L1.Precip. horaria 0.177361 0.046400 3.822 0.000

L1.Temp. prom aire 0.006021 0.006000 1.004 0.316

L2.Conduct -0.063619 0.017653 -3.604 0.000

L2.Water -0.020797 0.043236 -0.481 0.631

L2.Temp 0.069186 0.047305 1.463 0.144

L2.Precip. horaria -0.008362 0.045548 -0.184 0.854

L2.Temp. prom aire 0.002796 0.005893 0.474 0.635

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.802988 0.876193 3.199 0.001

L1.Conduct 0.090869 0.136641 0.665 0.506

L1.Water 0.127163 0.334501 0.380 0.704

L1.Temp 2.380016 0.360804 6.596 0.000

L1.Precip. horaria 0.293724 0.353959 0.830 0.407

L1.Temp. prom aire 0.431133 0.045768 9.420 0.000

L2.Conduct -0.080619 0.134665 -0.599 0.549

L2.Water -0.150285 0.329823 -0.456 0.649

L2.Temp -2.141004 0.360864 -5.933 0.000

L2.Precip. horaria -0.492003 0.347458 -1.416 0.157

L2.Temp. prom aire 0.028736 0.044957 0.639 0.523

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.722620 -0.044744 0.115880 0.072650

Water 0.722620 1.000000 -0.034878 -0.012420 0.050640

Temp -0.044744 -0.034878 1.000000 -0.059275 -0.037231

Precip. horaria 0.115880 -0.012420 -0.059275 1.000000 0.108524

Temp. prom aire 0.072650 0.050640 -0.037231 0.108524 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -16.2581

Nobs: 486.000 HQIC: -16.5457

Log likelihood: 672.809 FPE: 5.41358e-08

AIC: -16.7318 Det(Omega\_mle): 4.84043e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.755937 0.096167 7.861 0.000

L1.Conduct 1.935045 0.012725 152.067 0.000

L1.Water -0.004271 0.029740 -0.144 0.886

L1.Temp -0.039486 0.034568 -1.142 0.253

L1.Precip. horaria -0.013268 0.034846 -0.381 0.703

L1.Temp. prom aire 0.007288 0.004504 1.618 0.106

L2.Conduct -0.944718 0.012388 -76.258 0.000

L2.Water -0.003729 0.028953 -0.129 0.898

L2.Temp 0.014979 0.034362 0.436 0.663

L2.Precip. horaria -0.091426 0.034326 -2.663 0.008

L2.Temp. prom aire 0.002721 0.004437 0.613 0.540

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.239495 0.042119 5.686 0.000

L1.Conduct 0.049689 0.005573 8.916 0.000

L1.Water 1.857835 0.013025 142.633 0.000

L1.Temp 0.004485 0.015140 0.296 0.767

L1.Precip. horaria -0.011884 0.015262 -0.779 0.436

L1.Temp. prom aire 0.002746 0.001973 1.392 0.164

L2.Conduct -0.051944 0.005426 -9.573 0.000

L2.Water -0.861755 0.012681 -67.958 0.000

L2.Temp -0.011662 0.015050 -0.775 0.438

L2.Precip. horaria -0.037871 0.015034 -2.519 0.012

L2.Temp. prom aire -0.000360 0.001943 -0.185 0.853

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.124805 0.037471 3.331 0.001

L1.Conduct 0.010938 0.004958 2.206 0.027

L1.Water -0.027037 0.011588 -2.333 0.020

L1.Temp 1.988079 0.013469 147.604 0.000

L1.Precip. horaria 0.006338 0.013577 0.467 0.641

L1.Temp. prom aire -0.003524 0.001755 -2.008 0.045

L2.Conduct -0.010480 0.004827 -2.171 0.030

L2.Water 0.024276 0.011281 2.152 0.031

L2.Temp -0.985914 0.013389 -73.636 0.000

L2.Precip. horaria 0.012048 0.013375 0.901 0.368

L2.Temp. prom aire -0.006436 0.001729 -3.723 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.111869 0.127336 -0.879 0.380

L1.Conduct 0.040339 0.016849 2.394 0.017

L1.Water 0.105024 0.039379 2.667 0.008

L1.Temp -0.048840 0.045771 -1.067 0.286

L1.Precip. horaria 0.175338 0.046140 3.800 0.000

L1.Temp. prom aire 0.005335 0.005964 0.894 0.371

L2.Conduct -0.043523 0.016404 -2.653 0.008

L2.Water -0.093848 0.038337 -2.448 0.014

L2.Temp 0.045957 0.045499 1.010 0.312

L2.Precip. horaria -0.010712 0.045452 -0.236 0.814

L2.Temp. prom aire 0.002725 0.005874 0.464 0.643

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.423329 0.977769 2.478 0.013

L1.Conduct 0.221514 0.129379 1.712 0.087

L1.Water 0.069220 0.302376 0.229 0.819

L1.Temp 2.368285 0.351462 6.738 0.000

L1.Precip. horaria 0.222585 0.354291 0.628 0.530

L1.Temp. prom aire 0.436775 0.045795 9.538 0.000

L2.Conduct -0.210282 0.125958 -1.669 0.095

L2.Water -0.091708 0.294377 -0.312 0.755

L2.Temp -2.133849 0.349373 -6.108 0.000

L2.Precip. horaria -0.577960 0.349007 -1.656 0.098

L2.Temp. prom aire 0.028762 0.045108 0.638 0.524

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.785857 -0.129210 0.059519 0.072517

Water 0.785857 1.000000 -0.046961 0.045240 0.070026

Temp -0.129210 -0.046961 1.000000 0.009055 -0.011010

Precip. horaria 0.059519 0.045240 0.009055 1.000000 0.104725

Temp. prom aire 0.072517 0.070026 -0.011010 0.104725 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -14.7596

Nobs: 486.000 HQIC: -15.0472

Log likelihood: 308.680 FPE: 2.42250e-07

AIC: -15.2333 Det(Omega\_mle): 2.16602e-07

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.374263 0.244879 5.612 0.000

L1.Conduct 1.939441 0.015508 125.059 0.000

L1.Water 0.003485 0.067453 0.052 0.959

L1.Temp -0.130161 0.109255 -1.191 0.234

L1.Precip. horaria 0.081791 0.084880 0.964 0.335

L1.Temp. prom aire 0.013045 0.010802 1.208 0.227

L2.Conduct -0.945884 0.015405 -61.400 0.000

L2.Water -0.012519 0.067106 -0.187 0.852

L2.Temp 0.082639 0.108879 0.759 0.448

L2.Precip. horaria -0.140944 0.083336 -1.691 0.091

L2.Temp. prom aire 0.009406 0.010600 0.887 0.375

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.222889 0.048483 4.597 0.000

L1.Conduct 0.018595 0.003070 6.056 0.000

L1.Water 1.895763 0.013355 141.952 0.000

L1.Temp 0.071796 0.021631 3.319 0.001

L1.Precip. horaria -0.021306 0.016805 -1.268 0.205

L1.Temp. prom aire 0.000755 0.002139 0.353 0.724

L2.Conduct -0.019228 0.003050 -6.304 0.000

L2.Water -0.898740 0.013286 -67.645 0.000

L2.Temp -0.077239 0.021557 -3.583 0.000

L2.Precip. horaria -0.052607 0.016500 -3.188 0.001

L2.Temp. prom aire -0.000425 0.002099 -0.203 0.839

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.045836 0.029270 1.566 0.117

L1.Conduct 0.008928 0.001854 4.816 0.000

L1.Water -0.048127 0.008063 -5.969 0.000

L1.Temp 1.994173 0.013059 152.704 0.000

L1.Precip. horaria -0.013835 0.010146 -1.364 0.173

L1.Temp. prom aire -0.002197 0.001291 -1.702 0.089

L2.Conduct -0.008556 0.001841 -4.647 0.000

L2.Water 0.046682 0.008021 5.820 0.000

L2.Temp -0.990567 0.013014 -76.115 0.000

L2.Precip. horaria -0.002030 0.009961 -0.204 0.839

L2.Temp. prom aire -0.006073 0.001267 -4.793 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.301574 0.134131 -2.248 0.025

L1.Conduct 0.030663 0.008495 3.610 0.000

L1.Water 0.048504 0.036947 1.313 0.189

L1.Temp -0.060375 0.059844 -1.009 0.313

L1.Precip. horaria 0.159083 0.046493 3.422 0.001

L1.Temp. prom aire 0.006667 0.005917 1.127 0.260

L2.Conduct -0.031422 0.008438 -3.724 0.000

L2.Water -0.036095 0.036757 -0.982 0.326

L2.Temp 0.060388 0.059638 1.013 0.311

L2.Precip. horaria -0.026351 0.045647 -0.577 0.564

L2.Temp. prom aire 0.003187 0.005806 0.549 0.583

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.932003 1.040482 2.818 0.005

L1.Conduct 0.084521 0.065894 1.283 0.200

L1.Water -0.276872 0.286607 -0.966 0.334

L1.Temp 2.897456 0.464221 6.242 0.000

L1.Precip. horaria 0.318108 0.360652 0.882 0.378

L1.Temp. prom aire 0.444856 0.045899 9.692 0.000

L2.Conduct -0.079623 0.065457 -1.216 0.224

L2.Water 0.245106 0.285130 0.860 0.390

L2.Temp -2.659395 0.462623 -5.749 0.000

L2.Precip. horaria -0.437708 0.354092 -1.236 0.216

L2.Temp. prom aire 0.031689 0.045038 0.704 0.482

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.721910 -0.162150 0.133063 0.044983

Water 0.721910 1.000000 -0.040976 0.018124 0.012374

Temp -0.162150 -0.040976 1.000000 -0.091712 -0.012437

Precip. horaria 0.133063 0.018124 -0.091712 1.000000 0.110543

Temp. prom aire 0.044983 0.012374 -0.012437 0.110543 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -17.1375

Nobs: 486.000 HQIC: -17.4251

Log likelihood: 886.514 FPE: 2.24671e-08

AIC: -17.6113 Det(Omega\_mle): 2.00884e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.352084 0.055827 6.307 0.000

L1.Conduct 1.906335 0.014624 130.359 0.000

L1.Water 0.091897 0.024434 3.761 0.000

L1.Temp -0.037369 0.026611 -1.404 0.160

L1.Precip. horaria -0.012755 0.024871 -0.513 0.608

L1.Temp. prom aire 0.004931 0.003245 1.520 0.129

L2.Conduct -0.915768 0.014059 -65.138 0.000

L2.Water -0.092873 0.024056 -3.861 0.000

L2.Temp 0.021849 0.026230 0.833 0.405

L2.Precip. horaria -0.064499 0.024449 -2.638 0.008

L2.Temp. prom aire 0.003562 0.003189 1.117 0.264

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.243971 0.032664 7.469 0.000

L1.Conduct -0.000964 0.008556 -0.113 0.910

L1.Water 1.961282 0.014296 137.188 0.000

L1.Temp 0.008063 0.015570 0.518 0.605

L1.Precip. horaria -0.030258 0.014552 -2.079 0.038

L1.Temp. prom aire 0.002060 0.001898 1.085 0.278

L2.Conduct -0.003722 0.008226 -0.453 0.651

L2.Water -0.963677 0.014075 -68.467 0.000

L2.Temp -0.016799 0.015347 -1.095 0.274

L2.Precip. horaria -0.050233 0.014305 -3.512 0.000

L2.Temp. prom aire 0.000558 0.001866 0.299 0.765

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.103659 0.028233 3.672 0.000

L1.Conduct 0.018862 0.007395 2.551 0.011

L1.Water -0.040613 0.012357 -3.287 0.001

L1.Temp 1.987129 0.013457 147.662 0.000

L1.Precip. horaria -0.007980 0.012578 -0.634 0.526

L1.Temp. prom aire -0.003282 0.001641 -2.000 0.045

L2.Conduct -0.018567 0.007110 -2.611 0.009

L2.Water 0.039006 0.012166 3.206 0.001

L2.Temp -0.984436 0.013265 -74.214 0.000

L2.Precip. horaria 0.000892 0.012364 0.072 0.942

L2.Temp. prom aire -0.006809 0.001613 -4.222 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.070217 0.103538 -0.678 0.498

L1.Conduct 0.046645 0.027121 1.720 0.085

L1.Water 0.072380 0.045316 1.597 0.110

L1.Temp -0.046382 0.049353 -0.940 0.347

L1.Precip. horaria 0.193347 0.046126 4.192 0.000

L1.Temp. prom aire 0.004709 0.006018 0.783 0.434

L2.Conduct -0.048475 0.026074 -1.859 0.063

L2.Water -0.064691 0.044615 -1.450 0.147

L2.Temp 0.043756 0.048647 0.899 0.368

L2.Precip. horaria 0.008278 0.045343 0.183 0.855

L2.Temp. prom aire 0.001985 0.005914 0.336 0.737

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.599499 0.786937 3.303 0.001

L1.Conduct 0.387357 0.206134 1.879 0.060

L1.Water -0.120163 0.344425 -0.349 0.727

L1.Temp 2.598375 0.375102 6.927 0.000

L1.Precip. horaria 0.233583 0.350579 0.666 0.505

L1.Temp. prom aire 0.434112 0.045736 9.492 0.000

L2.Conduct -0.374477 0.198173 -1.890 0.059

L2.Water 0.103823 0.339095 0.306 0.759

L2.Temp -2.356173 0.369736 -6.373 0.000

L2.Precip. horaria -0.520185 0.344626 -1.509 0.131

L2.Temp. prom aire 0.027480 0.044946 0.611 0.541

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.783587 -0.160692 0.052223 0.064527

Water 0.783587 1.000000 -0.039958 -0.027123 0.047247

Temp -0.160692 -0.039958 1.000000 -0.041988 -0.028168

Precip. horaria 0.052223 -0.027123 -0.041988 1.000000 0.100774

Temp. prom aire 0.064527 0.047247 -0.028168 0.100774 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -17.6961

Nobs: 486.000 HQIC: -17.9837

Log likelihood: 1022.25 FPE: 1.28513e-08

AIC: -18.1699 Det(Omega\_mle): 1.14907e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.257019 0.044078 5.831 0.000

L1.Conduct 1.958212 0.014882 131.583 0.000

L1.Water 0.015272 0.017141 0.891 0.373

L1.Temp 0.034455 0.017503 1.969 0.049

L1.Precip. horaria -0.003625 0.017894 -0.203 0.839

L1.Temp. prom aire 0.001381 0.002203 0.627 0.531

L2.Conduct -0.966882 0.014645 -66.019 0.000

L2.Water -0.014459 0.016956 -0.853 0.394

L2.Temp -0.042020 0.017664 -2.379 0.017

L2.Precip. horaria -0.055094 0.017504 -3.148 0.002

L2.Temp. prom aire -0.000322 0.002175 -0.148 0.882

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.174811 0.036258 4.821 0.000

L1.Conduct 0.052324 0.012242 4.274 0.000

L1.Water 1.923557 0.014100 136.421 0.000

L1.Temp 0.054586 0.014397 3.791 0.000

L1.Precip. horaria -0.016497 0.014719 -1.121 0.262

L1.Temp. prom aire 0.001450 0.001812 0.800 0.424

L2.Conduct -0.056283 0.012047 -4.672 0.000

L2.Water -0.924964 0.013948 -66.316 0.000

L2.Temp -0.059914 0.014530 -4.123 0.000

L2.Precip. horaria -0.054528 0.014398 -3.787 0.000

L2.Temp. prom aire -0.000219 0.001789 -0.123 0.902

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.096837 0.032811 2.951 0.003

L1.Conduct 0.027091 0.011078 2.446 0.014

L1.Water -0.064984 0.012760 -5.093 0.000

L1.Temp 1.974445 0.013029 151.544 0.000

L1.Precip. horaria -0.013176 0.013320 -0.989 0.323

L1.Temp. prom aire -0.001726 0.001640 -1.053 0.292

L2.Conduct -0.025618 0.010902 -2.350 0.019

L2.Water 0.062633 0.012622 4.962 0.000

L2.Temp -0.972802 0.013149 -73.982 0.000

L2.Precip. horaria -0.002014 0.013030 -0.155 0.877

L2.Temp. prom aire -0.006160 0.001619 -3.806 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.281149 0.113982 -2.467 0.014

L1.Conduct 0.200183 0.038484 5.202 0.000

L1.Water 0.080844 0.044326 1.824 0.068

L1.Temp -0.013218 0.045261 -0.292 0.770

L1.Precip. horaria 0.116609 0.046272 2.520 0.012

L1.Temp. prom aire 0.005448 0.005696 0.956 0.339

L2.Conduct -0.199221 0.037872 -5.260 0.000

L2.Water -0.071449 0.043847 -1.629 0.103

L2.Temp 0.015562 0.045678 0.341 0.733

L2.Precip. horaria -0.060640 0.045264 -1.340 0.180

L2.Temp. prom aire 0.002645 0.005623 0.470 0.638

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.079098 0.919591 4.436 0.000

L1.Conduct 0.319368 0.310480 1.029 0.304

L1.Water -0.055468 0.357618 -0.155 0.877

L1.Temp 1.944983 0.365155 5.326 0.000

L1.Precip. horaria 0.204343 0.373317 0.547 0.584

L1.Temp. prom aire 0.475710 0.045958 10.351 0.000

L2.Conduct -0.297506 0.305546 -0.974 0.330

L2.Water -0.014975 0.353754 -0.042 0.966

L2.Temp -1.782837 0.368526 -4.838 0.000

L2.Precip. horaria -0.530822 0.365182 -1.454 0.146

L2.Temp. prom aire 0.057617 0.045369 1.270 0.204

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.719375 -0.173002 0.096528 0.016031

Water 0.719375 1.000000 -0.039761 0.038755 0.031003

Temp -0.173002 -0.039761 1.000000 -0.067273 0.015628

Precip. horaria 0.096528 0.038755 -0.067273 1.000000 0.097531

Temp. prom aire 0.016031 0.031003 0.015628 0.097531 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -15.4363

Nobs: 486.000 HQIC: -15.7239

Log likelihood: 473.120 FPE: 1.23132e-07

AIC: -15.9100 Det(Omega\_mle): 1.10096e-07

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.313950 0.269907 4.868 0.000

L1.Conduct 1.939274 0.012973 149.484 0.000

L1.Water 0.103748 0.096285 1.078 0.281

L1.Temp 0.215811 0.121411 1.778 0.075

L1.Precip. horaria 0.098461 0.086867 1.133 0.257

L1.Temp. prom aire -0.005023 0.011324 -0.444 0.657

L2.Conduct -0.944041 0.012624 -74.782 0.000

L2.Water -0.103292 0.093686 -1.103 0.270

L2.Temp -0.248907 0.120701 -2.062 0.039

L2.Precip. horaria -0.068147 0.086152 -0.791 0.429

L2.Temp. prom aire -0.004229 0.011101 -0.381 0.703

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.177833 0.035040 5.075 0.000

L1.Conduct 0.007719 0.001684 4.583 0.000

L1.Water 1.896880 0.012500 151.753 0.000

L1.Temp 0.070027 0.015762 4.443 0.000

L1.Precip. horaria -0.011942 0.011277 -1.059 0.290

L1.Temp. prom aire -0.001227 0.001470 -0.835 0.404

L2.Conduct -0.008141 0.001639 -4.968 0.000

L2.Water -0.898346 0.012162 -73.863 0.000

L2.Temp -0.072902 0.015670 -4.652 0.000

L2.Precip. horaria -0.026390 0.011184 -2.360 0.018

L2.Temp. prom aire -0.001560 0.001441 -1.083 0.279

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.134596 0.030806 4.369 0.000

L1.Conduct 0.004095 0.001481 2.766 0.006

L1.Water -0.061595 0.010989 -5.605 0.000

L1.Temp 1.978204 0.013857 142.758 0.000

L1.Precip. horaria -0.035448 0.009914 -3.575 0.000

L1.Temp. prom aire -0.000692 0.001292 -0.535 0.592

L2.Conduct -0.004027 0.001441 -2.795 0.005

L2.Water 0.058793 0.010693 5.498 0.000

L2.Temp -0.977604 0.013776 -70.964 0.000

L2.Precip. horaria -0.018693 0.009833 -1.901 0.057

L2.Temp. prom aire -0.005451 0.001267 -4.302 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.262532 0.143925 -1.824 0.068

L1.Conduct 0.016968 0.006918 2.453 0.014

L1.Water 0.101433 0.051343 1.976 0.048

L1.Temp -0.016322 0.064741 -0.252 0.801

L1.Precip. horaria 0.191838 0.046321 4.142 0.000

L1.Temp. prom aire 0.003284 0.006038 0.544 0.587

L2.Conduct -0.017932 0.006732 -2.664 0.008

L2.Water -0.085322 0.049957 -1.708 0.088

L2.Temp 0.016247 0.064362 0.252 0.801

L2.Precip. horaria 0.003717 0.045939 0.081 0.936

L2.Temp. prom aire 0.001549 0.005919 0.262 0.794

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.701485 1.094153 5.211 0.000

L1.Conduct 0.071009 0.052591 1.350 0.177

L1.Water -0.586321 0.390322 -1.502 0.133

L1.Temp 3.306231 0.492176 6.718 0.000

L1.Precip. horaria 0.232960 0.352141 0.662 0.508

L1.Temp. prom aire 0.430474 0.045906 9.377 0.000

L2.Conduct -0.072206 0.051175 -1.411 0.158

L2.Water 0.512763 0.379785 1.350 0.177

L2.Temp -3.063363 0.489300 -6.261 0.000

L2.Precip. horaria -0.367920 0.349243 -1.053 0.292

L2.Temp. prom aire 0.013380 0.045000 0.297 0.766

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.717031 -0.018886 0.095582 -0.031151

Water 0.717031 1.000000 0.119103 -0.003602 -0.045037

Temp -0.018886 0.119103 1.000000 -0.179051 0.012348

Precip. horaria 0.095582 -0.003602 -0.179051 1.000000 0.085553

Temp. prom aire -0.031151 -0.045037 0.012348 0.085553 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -17.9923

Nobs: 486.000 HQIC: -18.2800

Log likelihood: 1094.24 FPE: 9.55642e-09

AIC: -18.4661 Det(Omega\_mle): 8.54466e-09

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.291039 0.048971 5.943 0.000

L1.Conduct 1.937908 0.017105 113.294 0.000

L1.Water 0.048838 0.029086 1.679 0.093

L1.Temp -0.002024 0.026656 -0.076 0.939

L1.Precip. horaria -0.074098 0.024096 -3.075 0.002

L1.Temp. prom aire 0.000419 0.003096 0.135 0.892

L2.Conduct -0.945766 0.015839 -59.710 0.000

L2.Water -0.048176 0.027753 -1.736 0.083

L2.Temp -0.005629 0.026305 -0.214 0.831

L2.Precip. horaria -0.111764 0.023680 -4.720 0.000

L2.Temp. prom aire -0.001420 0.003048 -0.466 0.641

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.147398 0.031180 4.727 0.000

L1.Conduct 0.046335 0.010891 4.255 0.000

L1.Water 1.913072 0.018519 103.305 0.000

L1.Temp 0.017442 0.016972 1.028 0.304

L1.Precip. horaria -0.044382 0.015342 -2.893 0.004

L1.Temp. prom aire 0.001670 0.001971 0.847 0.397

L2.Conduct -0.049910 0.010085 -4.949 0.000

L2.Water -0.913620 0.017670 -51.704 0.000

L2.Temp -0.022351 0.016748 -1.335 0.182

L2.Precip. horaria -0.063047 0.015077 -4.182 0.000

L2.Temp. prom aire -0.000314 0.001941 -0.162 0.871

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.076152 0.022448 3.392 0.001

L1.Conduct 0.027963 0.007841 3.566 0.000

L1.Water -0.067051 0.013333 -5.029 0.000

L1.Temp 1.970834 0.012219 161.295 0.000

L1.Precip. horaria -0.011188 0.011045 -1.013 0.311

L1.Temp. prom aire -0.002097 0.001419 -1.478 0.139

L2.Conduct -0.026065 0.007260 -3.590 0.000

L2.Water 0.064044 0.012722 5.034 0.000

L2.Temp -0.968569 0.012058 -80.328 0.000

L2.Precip. horaria 0.001928 0.010854 0.178 0.859

L2.Temp. prom aire -0.005783 0.001397 -4.139 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.184233 0.093488 -1.971 0.049

L1.Conduct 0.088502 0.032654 2.710 0.007

L1.Water 0.012065 0.055526 0.217 0.828

L1.Temp -0.082511 0.050888 -1.621 0.105

L1.Precip. horaria 0.178874 0.046000 3.889 0.000

L1.Temp. prom aire 0.005036 0.005910 0.852 0.394

L2.Conduct -0.084320 0.030238 -2.789 0.005

L2.Water -0.007841 0.052982 -0.148 0.882

L2.Temp 0.082930 0.050216 1.651 0.099

L2.Precip. horaria 0.000709 0.045205 0.016 0.987

L2.Temp. prom aire 0.002356 0.005819 0.405 0.686

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.484757 0.725326 3.426 0.001

L1.Conduct 0.314432 0.253348 1.241 0.215

L1.Water -0.298839 0.430798 -0.694 0.488

L1.Temp 2.275314 0.394813 5.763 0.000

L1.Precip. horaria 0.257607 0.356891 0.722 0.470

L1.Temp. prom aire 0.454922 0.045850 9.922 0.000

L2.Conduct -0.288320 0.234600 -1.229 0.219

L2.Water 0.271851 0.411059 0.661 0.508

L2.Temp -2.048796 0.389605 -5.259 0.000

L2.Precip. horaria -0.468429 0.350723 -1.336 0.182

L2.Temp. prom aire 0.038475 0.045143 0.852 0.394

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.889947 -0.146952 -0.071713 -0.001493

Water 0.889947 1.000000 -0.077246 -0.064578 0.024449

Temp -0.146952 -0.077246 1.000000 -0.079515 -0.008364

Precip. horaria -0.071713 -0.064578 -0.079515 1.000000 0.100252

Temp. prom aire -0.001493 0.024449 -0.008364 0.100252 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -15.5802

Nobs: 486.000 HQIC: -15.8678

Log likelihood: 508.081 FPE: 1.06632e-07

AIC: -16.0539 Det(Omega\_mle): 9.53429e-08

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.607610 0.094456 6.433 0.000

L1.Conduct 1.947207 0.013446 144.820 0.000

L1.Water 0.038464 0.039390 0.976 0.329

L1.Temp -0.086040 0.051971 -1.656 0.098

L1.Precip. horaria -0.063695 0.046121 -1.381 0.167

L1.Temp. prom aire 0.008489 0.006098 1.392 0.164

L2.Conduct -0.959595 0.013220 -72.584 0.000

L2.Water -0.039903 0.038893 -1.026 0.305

L2.Temp 0.059194 0.050889 1.163 0.245

L2.Precip. horaria -0.114460 0.045538 -2.514 0.012

L2.Temp. prom aire 0.004877 0.005967 0.817 0.414

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.174135 0.030661 5.679 0.000

L1.Conduct 0.026204 0.004365 6.004 0.000

L1.Water 1.910760 0.012786 149.439 0.000

L1.Temp 0.017670 0.016870 1.047 0.295

L1.Precip. horaria -0.033300 0.014971 -2.224 0.026

L1.Temp. prom aire 0.001236 0.001979 0.624 0.532

L2.Conduct -0.027980 0.004291 -6.520 0.000

L2.Water -0.913548 0.012625 -72.362 0.000

L2.Temp -0.022966 0.016519 -1.390 0.164

L2.Precip. horaria -0.055087 0.014782 -3.727 0.000

L2.Temp. prom aire -0.001022 0.001937 -0.528 0.598

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.096812 0.023938 4.044 0.000

L1.Conduct 0.007736 0.003408 2.270 0.023

L1.Water -0.039332 0.009983 -3.940 0.000

L1.Temp 1.987211 0.013171 150.877 0.000

L1.Precip. horaria -0.006464 0.011688 -0.553 0.580

L1.Temp. prom aire -0.003118 0.001545 -2.017 0.044

L2.Conduct -0.007413 0.003350 -2.213 0.027

L2.Water 0.037698 0.009857 3.825 0.000

L2.Temp -0.984067 0.012897 -76.303 0.000

L2.Precip. horaria 0.005259 0.011541 0.456 0.649

L2.Temp. prom aire -0.007198 0.001512 -4.760 0.000

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.123348 0.094393 -1.307 0.191

L1.Conduct 0.006396 0.013437 0.476 0.634

L1.Water 0.103054 0.039364 2.618 0.009

L1.Temp -0.091059 0.051937 -1.753 0.080

L1.Precip. horaria 0.199847 0.046090 4.336 0.000

L1.Temp. prom aire 0.005852 0.006094 0.960 0.337

L2.Conduct -0.007782 0.013212 -0.589 0.556

L2.Water -0.094419 0.038867 -2.429 0.015

L2.Temp 0.088818 0.050855 1.746 0.081

L2.Precip. horaria 0.009893 0.045507 0.217 0.828

L2.Temp. prom aire 0.002746 0.005963 0.461 0.645

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.475299 0.710376 3.484 0.000

L1.Conduct 0.170551 0.101122 1.687 0.092

L1.Water -0.166908 0.296244 -0.563 0.573

L1.Temp 2.877843 0.390861 7.363 0.000

L1.Precip. horaria 0.363692 0.346861 1.049 0.294

L1.Temp. prom aire 0.416383 0.045862 9.079 0.000

L2.Conduct -0.154293 0.099427 -1.552 0.121

L2.Water 0.145475 0.292501 0.497 0.619

L2.Temp -2.604056 0.382724 -6.804 0.000

L2.Precip. horaria -0.373522 0.342475 -1.091 0.275

L2.Temp. prom aire 0.012221 0.044873 0.272 0.785

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.672853 -0.072439 -0.011360 0.051288

Water 0.672853 1.000000 -0.033100 -0.029247 0.028839

Temp -0.072439 -0.033100 1.000000 -0.045964 -0.014947

Precip. horaria -0.011360 -0.029247 -0.045964 1.000000 0.113025

Temp. prom aire 0.051288 0.028839 -0.014947 0.113025 1.000000

* Lag 6:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -24.6277

Nobs: 482.000 HQIC: -25.4433

Log likelihood: 2994.44 FPE: 5.26266e-12

AIC: -25.9713 Det(Omega\_mle): 3.85348e-12

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.079218 0.031036 2.552 0.011

L1.Conduct 3.602951 0.063809 56.465 0.000

L1.Water 0.935059 0.208256 4.490 0.000

L1.Temp -0.067163 0.153104 -0.439 0.661

L1.Precip. horaria -0.002298 0.009430 -0.244 0.807

L1.Temp. prom aire 0.000893 0.001182 0.756 0.450

L2.Conduct -5.240341 0.233363 -22.456 0.000

L2.Water -3.930663 0.782076 -5.026 0.000

L2.Temp 0.049217 0.598364 0.082 0.934

L2.Precip. horaria -0.009988 0.009492 -1.052 0.293

L2.Temp. prom aire -0.001154 0.001278 -0.903 0.366

L3.Conduct 3.944006 0.382327 10.316 0.000

L3.Water 6.878531 1.303037 5.279 0.000

L3.Temp 0.277648 1.039796 0.267 0.789

L3.Precip. horaria -0.019755 0.009441 -2.092 0.036

L3.Temp. prom aire -0.002856 0.001282 -2.227 0.026

L4.Conduct -1.656639 0.378640 -4.375 0.000

L4.Water -6.299833 1.267427 -4.971 0.000

L4.Temp -0.508204 1.033637 -0.492 0.623

L4.Precip. horaria -0.014189 0.009446 -1.502 0.133

L4.Temp. prom aire 0.003940 0.001290 3.054 0.002

L5.Conduct 0.396875 0.224393 1.769 0.077

L5.Water 3.037839 0.719605 4.222 0.000

L5.Temp 0.308333 0.588688 0.524 0.600

L5.Precip. horaria -0.000296 0.009521 -0.031 0.975

L5.Temp. prom aire -0.001979 0.001301 -1.521 0.128

L6.Conduct -0.048084 0.058624 -0.820 0.412

L6.Water -0.620101 0.181081 -3.424 0.001

L6.Temp -0.062900 0.149519 -0.421 0.674

L6.Precip. horaria 0.027297 0.009312 2.931 0.003

L6.Temp. prom aire 0.002549 0.001200 2.123 0.034

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.016919 0.008784 1.926 0.054

L1.Conduct 0.042669 0.018060 2.363 0.018

L1.Water 3.977774 0.058942 67.486 0.000

L1.Temp -0.059042 0.043333 -1.363 0.173

L1.Precip. horaria -0.001451 0.002669 -0.544 0.587

L1.Temp. prom aire 0.000066 0.000334 0.197 0.844

L2.Conduct -0.192622 0.066048 -2.916 0.004

L2.Water -6.828727 0.221350 -30.850 0.000

L2.Temp 0.235113 0.169354 1.388 0.165

L2.Precip. horaria -0.003885 0.002687 -1.446 0.148

L2.Temp. prom aire 0.000145 0.000362 0.401 0.688

L3.Conduct 0.353839 0.108210 3.270 0.001

L3.Water 6.777387 0.368797 18.377 0.000

L3.Temp -0.412377 0.294292 -1.401 0.161

L3.Precip. horaria -0.005202 0.002672 -1.947 0.052

L3.Temp. prom aire -0.000726 0.000363 -2.002 0.045

L4.Conduct -0.330272 0.107166 -3.082 0.002

L4.Water -4.332961 0.358718 -12.079 0.000

L4.Temp 0.403555 0.292549 1.379 0.168

L4.Precip. horaria -0.001307 0.002674 -0.489 0.625

L4.Temp. prom aire 0.000625 0.000365 1.711 0.087

L5.Conduct 0.154627 0.063510 2.435 0.015

L5.Water 1.744835 0.203669 8.567 0.000

L5.Temp -0.220667 0.166616 -1.324 0.185

L5.Precip. horaria 0.001382 0.002695 0.513 0.608

L5.Temp. prom aire -0.000645 0.000368 -1.751 0.080

L6.Conduct -0.028286 0.016592 -1.705 0.088

L6.Water -0.338715 0.051251 -6.609 0.000

L6.Temp 0.052923 0.042318 1.251 0.211

L6.Precip. horaria 0.005801 0.002636 2.201 0.028

L6.Temp. prom aire 0.000690 0.000340 2.032 0.042

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.005433 0.008762 0.620 0.535

L1.Conduct -0.025551 0.018014 -1.418 0.156

L1.Water 0.046670 0.058792 0.794 0.427

L1.Temp 4.027654 0.043222 93.185 0.000

L1.Precip. horaria -0.002520 0.002662 -0.947 0.344

L1.Temp. prom aire 0.000574 0.000334 1.719 0.086

L2.Conduct 0.078067 0.065880 1.185 0.236

L2.Water -0.196788 0.220785 -0.891 0.373

L2.Temp -7.112211 0.168922 -42.103 0.000

L2.Precip. horaria 0.000252 0.002680 0.094 0.925

L2.Temp. prom aire -0.000882 0.000361 -2.444 0.015

L3.Conduct -0.099167 0.107934 -0.919 0.358

L3.Water 0.339372 0.367856 0.923 0.356

L3.Temp 7.375355 0.293541 25.125 0.000

L3.Precip. horaria -0.001467 0.002665 -0.551 0.582

L3.Temp. prom aire -0.000855 0.000362 -2.363 0.018

L4.Conduct 0.076097 0.106893 0.712 0.477

L4.Water -0.314406 0.357803 -0.879 0.380

L4.Temp -4.951862 0.291802 -16.970 0.000

L4.Precip. horaria 0.002079 0.002667 0.780 0.436

L4.Temp. prom aire -0.000267 0.000364 -0.733 0.464

L5.Conduct -0.039130 0.063347 -0.618 0.537

L5.Water 0.155701 0.203149 0.766 0.443

L5.Temp 2.068631 0.166190 12.447 0.000

L5.Precip. horaria -0.001683 0.002688 -0.626 0.531

L5.Temp. prom aire -0.000038 0.000367 -0.103 0.918

L6.Conduct 0.009840 0.016550 0.595 0.552

L6.Water -0.030940 0.051120 -0.605 0.545

L6.Temp -0.407184 0.042210 -9.647 0.000

L6.Precip. horaria 0.001995 0.002629 0.759 0.448

L6.Temp. prom aire 0.000596 0.000339 1.759 0.079

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.161185 0.154193 -1.045 0.296

L1.Conduct -0.136486 0.317015 -0.431 0.667

L1.Water 0.772877 1.034655 0.747 0.455

L1.Temp -1.052836 0.760652 -1.384 0.166

L1.Precip. horaria 0.145614 0.046852 3.108 0.002

L1.Temp. prom aire 0.002988 0.005871 0.509 0.611

L2.Conduct 0.516524 1.159395 0.446 0.656

L2.Water -3.227285 3.885511 -0.831 0.406

L2.Temp 2.875912 2.972793 0.967 0.333

L2.Precip. horaria -0.070465 0.047160 -1.494 0.135

L2.Temp. prom aire 0.002682 0.006349 0.422 0.673

L3.Conduct 0.229661 1.899478 0.121 0.904

L3.Water 4.370540 6.473746 0.675 0.500

L3.Temp -3.559730 5.165913 -0.689 0.491

L3.Precip. horaria 0.195431 0.046905 4.166 0.000

L3.Temp. prom aire -0.005402 0.006370 -0.848 0.396

L4.Conduct -2.063274 1.881161 -1.097 0.273

L4.Water -1.442645 6.296828 -0.229 0.819

L4.Temp 3.348747 5.135312 0.652 0.514

L4.Precip. horaria -0.100262 0.046930 -2.136 0.033

L4.Temp. prom aire -0.009296 0.006409 -1.450 0.147

L5.Conduct 2.142642 1.114827 1.922 0.055

L5.Water -1.206578 3.575143 -0.337 0.736

L5.Temp -2.342073 2.924717 -0.801 0.423

L5.Precip. horaria 0.076341 0.047305 1.614 0.107

L5.Temp. prom aire -0.000319 0.006462 -0.049 0.961

L6.Conduct -0.686535 0.291256 -2.357 0.018

L6.Water 0.736638 0.899649 0.819 0.413

L6.Temp 0.740527 0.742838 0.997 0.319

L6.Precip. horaria -0.083761 0.046263 -1.811 0.070

L6.Temp. prom aire -0.002986 0.005964 -0.501 0.617

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.227242 1.233496 3.427 0.001

L1.Conduct 3.671059 2.536023 1.448 0.148

L1.Water -11.971650 8.276921 -1.446 0.148

L1.Temp 6.811839 6.084985 1.119 0.263

L1.Precip. horaria 0.094836 0.374804 0.253 0.800

L1.Temp. prom aire 0.429712 0.046968 9.149 0.000

L2.Conduct -14.987494 9.274805 -1.616 0.106

L2.Water 49.825685 31.082902 1.603 0.109

L2.Temp -29.781997 23.781436 -1.252 0.210

L2.Precip. horaria -0.372031 0.377262 -0.986 0.324

L2.Temp. prom aire 0.017465 0.050789 0.344 0.731

L3.Conduct 28.442122 15.195248 1.872 0.061

L3.Water -94.266979 51.787993 -1.820 0.069

L3.Temp 61.846641 41.325725 1.497 0.135

L3.Precip. horaria -0.058779 0.375229 -0.157 0.876

L3.Temp. prom aire 0.036005 0.050961 0.707 0.480

L4.Conduct -31.088872 15.048715 -2.066 0.039

L4.Water 100.097690 50.372703 1.987 0.047

L4.Temp -63.792319 41.080926 -1.553 0.120

L4.Precip. horaria 0.430910 0.375426 1.148 0.251

L4.Temp. prom aire 0.039625 0.051271 0.773 0.440

L5.Conduct 18.769113 8.918276 2.105 0.035

L5.Water -57.724559 28.600049 -2.018 0.044

L5.Temp 29.430029 23.396843 1.258 0.208

L5.Precip. horaria -0.232364 0.378423 -0.614 0.539

L5.Temp. prom aire -0.025698 0.051693 -0.497 0.619

L6.Conduct -4.794699 2.329957 -2.058 0.040

L6.Water 13.970407 7.196915 1.941 0.052

L6.Temp -4.309326 5.942481 -0.725 0.468

L6.Precip. horaria -0.057663 0.370090 -0.156 0.876

L6.Temp. prom aire -0.009215 0.047710 -0.193 0.847

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.679081 0.106052 0.001611 -0.023980

Water 0.679081 1.000000 0.014546 -0.031621 -0.031915

Temp 0.106052 0.014546 1.000000 -0.017055 0.002443

Precip. horaria 0.001611 -0.031621 -0.017055 1.000000 0.096125

Temp. prom aire -0.023980 -0.031915 0.002443 0.096125 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -24.2051

Nobs: 482.000 HQIC: -25.0206

Log likelihood: 2892.58 FPE: 8.03085e-12

AIC: -25.5486 Det(Omega\_mle): 5.88044e-12

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Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.075233 0.024882 3.024 0.002

L1.Conduct 4.013560 0.068928 58.228 0.000

L1.Water 0.165978 0.214732 0.773 0.440

L1.Temp -0.254134 0.088057 -2.886 0.004

L1.Precip. horaria -0.006381 0.008516 -0.749 0.454

L1.Temp. prom aire -0.000743 0.001088 -0.683 0.495

L2.Conduct -6.953974 0.272379 -25.531 0.000

L2.Water -0.736890 0.846970 -0.870 0.384

L2.Temp 0.995527 0.320493 3.106 0.002

L2.Precip. horaria -0.020998 0.008549 -2.456 0.014

L2.Temp. prom aire 0.001886 0.001165 1.619 0.105

L3.Conduct 6.952946 0.474764 14.645 0.000

L3.Water 1.204321 1.473568 0.817 0.414

L3.Temp -1.748095 0.530354 -3.296 0.001

L3.Precip. horaria -0.018204 0.008556 -2.127 0.033

L3.Temp. prom aire -0.001993 0.001164 -1.712 0.087

L4.Conduct -4.466581 0.469844 -9.507 0.000

L4.Water -0.855647 1.455284 -0.588 0.557

L4.Temp 1.711182 0.533424 3.208 0.001

L4.Precip. horaria 0.002834 0.008574 0.330 0.741

L4.Temp. prom aire 0.001260 0.001165 1.081 0.280

L5.Conduct 1.805065 0.263356 6.854 0.000

L5.Water 0.198640 0.813724 0.244 0.807

L5.Temp -0.924609 0.325880 -2.837 0.005

L5.Precip. horaria 0.013722 0.008621 1.592 0.111

L5.Temp. prom aire 0.000991 0.001163 0.852 0.394

L6.Conduct -0.351647 0.064783 -5.428 0.000

L6.Water 0.022320 0.199708 0.112 0.911

L6.Temp 0.217491 0.090348 2.407 0.016

L6.Precip. horaria 0.012194 0.008448 1.444 0.149

L6.Temp. prom aire -0.000018 0.001069 -0.017 0.987

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.021468 0.007816 2.747 0.006

L1.Conduct -0.020633 0.021652 -0.953 0.341

L1.Water 4.124980 0.067453 61.154 0.000

L1.Temp -0.107861 0.027661 -3.899 0.000

L1.Precip. horaria -0.001595 0.002675 -0.596 0.551

L1.Temp. prom aire -0.000162 0.000342 -0.473 0.636

L2.Conduct 0.106245 0.085561 1.242 0.214

L2.Water -7.492166 0.266054 -28.160 0.000

L2.Temp 0.427893 0.100675 4.250 0.000

L2.Precip. horaria -0.007310 0.002686 -2.722 0.006

L2.Temp. prom aire 0.000353 0.000366 0.966 0.334

L3.Conduct -0.236960 0.149135 -1.589 0.112

L3.Water 8.022950 0.462884 17.333 0.000

L3.Temp -0.741477 0.166597 -4.451 0.000

L3.Precip. horaria -0.007116 0.002688 -2.648 0.008

L3.Temp. prom aire -0.000533 0.000366 -1.458 0.145

L4.Conduct 0.275890 0.147590 1.869 0.062

L4.Water -5.538991 0.457141 -12.117 0.000

L4.Temp 0.708494 0.167562 4.228 0.000

L4.Precip. horaria 0.003059 0.002693 1.136 0.256

L4.Temp. prom aire 0.000148 0.000366 0.405 0.686

L5.Conduct -0.165168 0.082727 -1.997 0.046

L5.Water 2.337741 0.255611 9.146 0.000

L5.Temp -0.374228 0.102367 -3.656 0.000

L5.Precip. horaria 0.002702 0.002708 0.998 0.318

L5.Temp. prom aire 0.000025 0.000365 0.068 0.946

L6.Conduct 0.040590 0.020350 1.995 0.046

L6.Water -0.455123 0.062733 -7.255 0.000

L6.Temp 0.086644 0.028380 3.053 0.002

L6.Precip. horaria 0.006443 0.002654 2.428 0.015

L6.Temp. prom aire 0.000210 0.000336 0.624 0.533

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.010874 0.013040 -0.834 0.404

L1.Conduct -0.013456 0.036124 -0.372 0.710

L1.Water -0.096509 0.112538 -0.858 0.391

L1.Temp 3.531938 0.046149 76.534 0.000

L1.Precip. horaria -0.005955 0.004463 -1.334 0.182

L1.Temp. prom aire 0.001071 0.000570 1.878 0.060

L2.Conduct 0.023253 0.142749 0.163 0.871

L2.Water 0.463080 0.443882 1.043 0.297

L2.Temp -5.145510 0.167965 -30.634 0.000

L2.Precip. horaria 0.002357 0.004481 0.526 0.599

L2.Temp. prom aire -0.000566 0.000610 -0.927 0.354

L3.Conduct 0.022364 0.248816 0.090 0.928

L3.Water -1.035467 0.772272 -1.341 0.180

L3.Temp 4.102908 0.277949 14.761 0.000

L3.Precip. horaria 0.001314 0.004484 0.293 0.770

L3.Temp. prom aire -0.001440 0.000610 -2.360 0.018

L4.Conduct -0.080519 0.246237 -0.327 0.744

L4.Water 1.275912 0.762689 1.673 0.094

L4.Temp -2.049226 0.279558 -7.330 0.000

L4.Precip. horaria 0.001121 0.004494 0.249 0.803

L4.Temp. prom aire -0.000728 0.000611 -1.192 0.233

L5.Conduct 0.067829 0.138021 0.491 0.623

L5.Water -0.826819 0.426459 -1.939 0.053

L5.Temp 0.670468 0.170788 3.926 0.000

L5.Precip. horaria -0.003162 0.004518 -0.700 0.484

L5.Temp. prom aire -0.000170 0.000610 -0.279 0.780

L6.Conduct -0.019381 0.033952 -0.571 0.568

L6.Water 0.220152 0.104663 2.103 0.035

L6.Temp -0.110269 0.047350 -2.329 0.020

L6.Precip. horaria -0.001128 0.004427 -0.255 0.799

L6.Temp. prom aire 0.001628 0.000560 2.905 0.004

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.317611 0.137618 -2.308 0.021

L1.Conduct 0.763432 0.381226 2.003 0.045

L1.Water -1.977028 1.187635 -1.665 0.096

L1.Temp -0.409509 0.487020 -0.841 0.400

L1.Precip. horaria 0.151421 0.047102 3.215 0.001

L1.Temp. prom aire 0.001839 0.006016 0.306 0.760

L2.Conduct -2.737424 1.506464 -1.817 0.069

L2.Water 6.473158 4.684394 1.382 0.167

L2.Temp 0.897106 1.772571 0.506 0.613

L2.Precip. horaria -0.075980 0.047285 -1.607 0.108

L2.Temp. prom aire 0.003543 0.006442 0.550 0.582

L3.Conduct 4.547179 2.625810 1.732 0.083

L3.Water -9.227106 8.149964 -1.132 0.258

L3.Temp -0.466115 2.933266 -0.159 0.874

L3.Precip. horaria 0.190014 0.047324 4.015 0.000

L3.Temp. prom aire -0.004834 0.006437 -0.751 0.453

L4.Conduct -4.371354 2.598599 -1.682 0.093

L4.Water 8.288107 8.048840 1.030 0.303

L4.Temp -0.143239 2.950245 -0.049 0.961

L4.Precip. horaria -0.102415 0.047422 -2.160 0.031

L4.Temp. prom aire -0.007585 0.006445 -1.177 0.239

L5.Conduct 2.286413 1.456563 1.570 0.116

L5.Water -4.857846 4.500519 -1.079 0.280

L5.Temp 0.101637 1.802365 0.056 0.955

L5.Precip. horaria 0.084671 0.047682 1.776 0.076

L5.Temp. prom aire -0.000172 0.006433 -0.027 0.979

L6.Conduct -0.486359 0.358299 -1.357 0.175

L6.Water 1.313091 1.104537 1.189 0.235

L6.Temp 0.033264 0.499693 0.067 0.947

L6.Precip. horaria -0.086509 0.046722 -1.852 0.064

L6.Temp. prom aire -0.004387 0.005912 -0.742 0.458

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.137165 1.079065 0.127 0.899

L1.Conduct 6.240561 2.989193 2.088 0.037

L1.Water -18.397477 9.312239 -1.976 0.048

L1.Temp 1.176747 3.818723 0.308 0.758

L1.Precip. horaria -0.015885 0.369324 -0.043 0.966

L1.Temp. prom aire 0.394760 0.047172 8.369 0.000

L2.Conduct -21.300206 11.812173 -1.803 0.071

L2.Water 67.040501 36.730299 1.825 0.068

L2.Temp -7.240799 13.898712 -0.521 0.602

L2.Precip. horaria -0.532470 0.370763 -1.436 0.151

L2.Temp. prom aire 0.016294 0.050512 0.323 0.747

L3.Conduct 29.637768 20.588960 1.439 0.150

L3.Water -99.828323 63.903809 -1.562 0.118

L3.Temp 26.251796 22.999715 1.141 0.254

L3.Precip. horaria -0.245007 0.371067 -0.660 0.509

L3.Temp. prom aire 0.025199 0.050474 0.499 0.618

L4.Conduct -21.006119 20.375598 -1.031 0.303

L4.Water 78.928401 63.110897 1.251 0.211

L4.Temp -36.027722 23.132847 -1.557 0.119

L4.Precip. horaria 0.312378 0.371835 0.840 0.401

L4.Temp. prom aire 0.041174 0.050535 0.815 0.415

L5.Conduct 7.373032 11.420900 0.646 0.519

L5.Water -34.753498 35.288534 -0.985 0.325

L5.Temp 19.234191 14.132327 1.361 0.174

L5.Precip. horaria -0.227753 0.373871 -0.609 0.542

L5.Temp. prom aire -0.021373 0.050439 -0.424 0.672

L6.Conduct -0.917284 2.809420 -0.327 0.744

L6.Water 7.036259 8.660666 0.812 0.417

L6.Temp -3.077974 3.918091 -0.786 0.432

L6.Precip. horaria -0.127064 0.366344 -0.347 0.729

L6.Temp. prom aire -0.026747 0.046360 -0.577 0.564

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.803445 -0.003600 -0.046502 0.022711

Water 0.803445 1.000000 0.005951 -0.070483 0.008658

Temp -0.003600 0.005951 1.000000 -0.012052 -0.060068

Precip. horaria -0.046502 -0.070483 -0.012052 1.000000 0.084605

Temp. prom aire 0.022711 0.008658 -0.060068 0.084605 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -20.1578

Nobs: 482.000 HQIC: -20.9733

Log likelihood: 1917.18 FPE: 4.59691e-10

AIC: -21.5014 Det(Omega\_mle): 3.36600e-10

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.369703 0.133453 2.770 0.006

L1.Conduct 3.366002 0.052899 63.630 0.000

L1.Water 2.709115 0.598004 4.530 0.000

L1.Temp 0.015241 0.378705 0.040 0.968

L1.Precip. horaria 0.021529 0.037932 0.568 0.570

L1.Temp. prom aire 0.005019 0.004802 1.045 0.296

L2.Conduct -4.397827 0.186869 -23.534 0.000

L2.Water -10.877068 2.394210 -4.543 0.000

L2.Temp -1.186358 1.350614 -0.878 0.380

L2.Precip. horaria -0.009656 0.038356 -0.252 0.801

L2.Temp. prom aire 0.000370 0.005212 0.071 0.943

L3.Conduct 2.752446 0.296882 9.271 0.000

L3.Water 17.989354 4.183970 4.300 0.000

L3.Temp 3.654156 2.191820 1.667 0.095

L3.Precip. horaria -0.014817 0.038168 -0.388 0.698

L3.Temp. prom aire -0.016753 0.005199 -3.222 0.001

L4.Conduct -0.848427 0.294948 -2.877 0.004

L4.Water -15.490188 4.105970 -3.773 0.000

L4.Temp -4.433180 2.192234 -2.022 0.043

L4.Precip. horaria -0.017050 0.038701 -0.441 0.660

L4.Temp. prom aire 0.009273 0.005248 1.767 0.077

L5.Conduct 0.159605 0.182723 0.873 0.382

L5.Water 7.014120 2.268842 3.091 0.002

L5.Temp 2.490063 1.356263 1.836 0.066

L5.Precip. horaria -0.046048 0.038768 -1.188 0.235

L5.Temp. prom aire -0.001068 0.005270 -0.203 0.839

L6.Conduct -0.033307 0.050652 -0.658 0.511

L6.Water -1.347223 0.550369 -2.448 0.014

L6.Temp -0.551934 0.383549 -1.439 0.150

L6.Precip. horaria 0.005269 0.038322 0.137 0.891

L6.Temp. prom aire 0.007952 0.004767 1.668 0.095

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.033379 0.009802 3.405 0.001

L1.Conduct -0.003545 0.003885 -0.912 0.362

L1.Water 4.272177 0.043922 97.267 0.000

L1.Temp 0.100937 0.027815 3.629 0.000

L1.Precip. horaria -0.000396 0.002786 -0.142 0.887

L1.Temp. prom aire 0.000091 0.000353 0.258 0.796

L2.Conduct 0.003683 0.013725 0.268 0.788

L2.Water -7.963041 0.175850 -45.283 0.000

L2.Temp -0.441805 0.099200 -4.454 0.000

L2.Precip. horaria -0.002037 0.002817 -0.723 0.470

L2.Temp. prom aire 0.000212 0.000383 0.553 0.580

L3.Conduct 0.011134 0.021805 0.511 0.610

L3.Water 8.614986 0.307305 28.034 0.000

L3.Temp 0.832248 0.160985 5.170 0.000

L3.Precip. horaria -0.009889 0.002803 -3.528 0.000

L3.Temp. prom aire -0.000160 0.000382 -0.419 0.675

L4.Conduct -0.025299 0.021663 -1.168 0.243

L4.Water -5.929563 0.301576 -19.662 0.000

L4.Temp -0.865846 0.161015 -5.377 0.000

L4.Precip. horaria -0.001711 0.002843 -0.602 0.547

L4.Temp. prom aire 0.000242 0.000385 0.629 0.529

L5.Conduct 0.018994 0.013421 1.415 0.157

L5.Water 2.500086 0.166642 15.003 0.000

L5.Temp 0.496350 0.099615 4.983 0.000

L5.Precip. horaria -0.003959 0.002847 -1.390 0.164

L5.Temp. prom aire -0.000405 0.000387 -1.046 0.296

L6.Conduct -0.005056 0.003720 -1.359 0.174

L6.Water -0.494998 0.040424 -12.245 0.000

L6.Temp -0.122834 0.028171 -4.360 0.000

L6.Precip. horaria 0.005611 0.002815 1.994 0.046

L6.Temp. prom aire 0.000267 0.000350 0.762 0.446

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.006105 0.016335 -0.374 0.709

L1.Conduct 0.010503 0.006475 1.622 0.105

L1.Water 0.038980 0.073197 0.533 0.594

L1.Temp 3.462973 0.046354 74.706 0.000

L1.Precip. horaria 0.001738 0.004643 0.374 0.708

L1.Temp. prom aire 0.000617 0.000588 1.050 0.294

L2.Conduct -0.036242 0.022873 -1.584 0.113

L2.Water -0.249909 0.293057 -0.853 0.394

L2.Temp -4.910701 0.165318 -29.704 0.000

L2.Precip. horaria 0.005747 0.004695 1.224 0.221

L2.Temp. prom aire -0.000840 0.000638 -1.317 0.188

L3.Conduct 0.033846 0.036339 0.931 0.352

L3.Water 0.592914 0.512128 1.158 0.247

L3.Temp 3.845607 0.268284 14.334 0.000

L3.Precip. horaria 0.000992 0.004672 0.212 0.832

L3.Temp. prom aire -0.000564 0.000636 -0.885 0.376

L4.Conduct 0.008412 0.036102 0.233 0.816

L4.Water -0.667708 0.502581 -1.329 0.184

L4.Temp -1.991681 0.268335 -7.422 0.000

L4.Precip. horaria 0.004802 0.004737 1.014 0.311

L4.Temp. prom aire -0.001224 0.000642 -1.905 0.057

L5.Conduct -0.026667 0.022366 -1.192 0.233

L5.Water 0.356895 0.277712 1.285 0.199

L5.Temp 0.740458 0.166010 4.460 0.000

L5.Precip. horaria 0.001469 0.004745 0.310 0.757

L5.Temp. prom aire 0.000010 0.000645 0.015 0.988

L6.Conduct 0.010169 0.006200 1.640 0.101

L6.Water -0.071023 0.067367 -1.054 0.292

L6.Temp -0.146346 0.046947 -3.117 0.002

L6.Precip. horaria 0.001147 0.004691 0.244 0.807

L6.Temp. prom aire 0.001589 0.000583 2.723 0.006

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.139516 0.165270 0.844 0.399

L1.Conduct 0.052458 0.065511 0.801 0.423

L1.Water 0.285124 0.740577 0.385 0.700

L1.Temp 0.096036 0.468994 0.205 0.838

L1.Precip. horaria 0.168771 0.046976 3.593 0.000

L1.Temp. prom aire 0.004290 0.005946 0.722 0.471

L2.Conduct -0.087176 0.231422 -0.377 0.706

L2.Water -1.308672 2.965026 -0.441 0.659

L2.Temp -0.918105 1.672621 -0.549 0.583

L2.Precip. horaria -0.076668 0.047500 -1.614 0.107

L2.Temp. prom aire 0.004283 0.006455 0.663 0.507

L3.Conduct 0.032668 0.367663 0.089 0.929

L3.Water 3.167690 5.181492 0.611 0.541

L3.Temp 2.316654 2.714384 0.853 0.393

L3.Precip. horaria 0.184917 0.047267 3.912 0.000

L3.Temp. prom aire -0.003333 0.006439 -0.518 0.605

L4.Conduct -0.059903 0.365268 -0.164 0.870

L4.Water -4.005937 5.084896 -0.788 0.431

L4.Temp -2.692451 2.714897 -0.992 0.321

L4.Precip. horaria -0.119091 0.047928 -2.485 0.013

L4.Temp. prom aire -0.005583 0.006499 -0.859 0.390

L5.Conduct 0.115722 0.226287 0.511 0.609

L5.Water 2.465689 2.809769 0.878 0.380

L5.Temp 1.552112 1.679617 0.924 0.355

L5.Precip. horaria 0.055189 0.048011 1.150 0.250

L5.Temp. prom aire 0.003351 0.006526 0.513 0.608

L6.Conduct -0.055091 0.062729 -0.878 0.380

L6.Water -0.596824 0.681585 -0.876 0.381

L6.Temp -0.360362 0.474993 -0.759 0.448

L6.Precip. horaria -0.116418 0.047458 -2.453 0.014

L6.Temp. prom aire -0.002851 0.005903 -0.483 0.629

================================================================

Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 3.293196 1.310708 2.513 0.012

L1.Conduct 0.574132 0.519551 1.105 0.269

L1.Water -2.601576 5.873286 -0.443 0.658

L1.Temp -0.835126 3.719445 -0.225 0.822

L1.Precip. horaria 0.037596 0.372553 0.101 0.920

L1.Temp. prom aire 0.440991 0.047160 9.351 0.000

L2.Conduct -2.651393 1.835334 -1.445 0.149

L2.Water 16.024439 23.514703 0.681 0.496

L2.Temp 2.585084 13.265035 0.195 0.845

L2.Precip. horaria -0.624461 0.376708 -1.658 0.097

L2.Temp. prom aire 0.033663 0.051193 0.658 0.511

L3.Conduct 5.383542 2.915820 1.846 0.065

L3.Water -37.664660 41.092806 -0.917 0.359

L3.Temp 4.214751 21.526936 0.196 0.845

L3.Precip. horaria -0.351713 0.374864 -0.938 0.348

L3.Temp. prom aire 0.043506 0.051066 0.852 0.394

L4.Conduct -5.798941 2.896823 -2.002 0.045

L4.Water 43.482107 40.326732 1.078 0.281

L4.Temp -9.999672 21.531001 -0.464 0.642

L4.Precip. horaria 0.025187 0.380105 0.066 0.947

L4.Temp. prom aire 0.061971 0.051544 1.202 0.229

L5.Conduct 3.168341 1.794612 1.765 0.077

L5.Water -24.456895 22.283405 -1.098 0.272

L5.Temp 2.828230 13.320520 0.212 0.832

L5.Precip. horaria -0.526942 0.380757 -1.384 0.166

L5.Temp. prom aire -0.017513 0.051755 -0.338 0.735

L6.Conduct -0.676160 0.497482 -1.359 0.174

L6.Water 5.185969 5.405442 0.959 0.337

L6.Temp 1.372837 3.767022 0.364 0.716

L6.Precip. horaria -0.371445 0.376375 -0.987 0.324

L6.Temp. prom aire 0.000398 0.046816 0.009 0.993

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.466091 -0.174046 0.026092 -0.031459

Water 0.466091 1.000000 -0.121520 -0.067147 -0.072546

Temp -0.174046 -0.121520 1.000000 0.030972 -0.000648

Precip. horaria 0.026092 -0.067147 0.030972 1.000000 0.098839

Temp. prom aire -0.031459 -0.072546 -0.000648 0.098839 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -24.9435

Nobs: 482.000 HQIC: -25.7591

Log likelihood: 3070.54 FPE: 3.83755e-12

AIC: -26.2871 Det(Omega\_mle): 2.80998e-12

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Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.019775 0.008393 2.356 0.018

L1.Conduct 3.568916 0.102481 34.825 0.000

L1.Water 0.190112 0.075299 2.525 0.012

L1.Temp -0.233789 0.057187 -4.088 0.000

L1.Precip. horaria 0.008405 0.004425 1.900 0.057

L1.Temp. prom aire 0.000200 0.000562 0.356 0.722

L2.Conduct -5.377115 0.380036 -14.149 0.000

L2.Water -0.852302 0.278959 -3.055 0.002

L2.Temp 0.864490 0.207987 4.156 0.000

L2.Precip. horaria -0.023378 0.004463 -5.238 0.000

L2.Temp. prom aire 0.000417 0.000605 0.689 0.491

L3.Conduct 4.513376 0.637889 7.075 0.000

L3.Water 1.618483 0.468375 3.456 0.001

L3.Temp -1.338028 0.341849 -3.914 0.000

L3.Precip. horaria -0.004715 0.004559 -1.034 0.301

L3.Temp. prom aire -0.000426 0.000605 -0.704 0.482

L4.Conduct -2.325282 0.628277 -3.701 0.000

L4.Water -1.619139 0.462668 -3.500 0.000

L4.Temp 1.100011 0.342382 3.213 0.001

L4.Precip. horaria -0.000206 0.004500 -0.046 0.963

L4.Temp. prom aire 0.000197 0.000607 0.325 0.745

L5.Conduct 0.718912 0.361023 1.991 0.046

L5.Water 0.849438 0.267304 3.178 0.001

L5.Temp -0.492262 0.208784 -2.358 0.018

L5.Precip. horaria -0.014526 0.004505 -3.224 0.001

L5.Temp. prom aire 0.000053 0.000611 0.087 0.930

L6.Conduct -0.101735 0.092599 -1.099 0.272

L6.Water -0.185901 0.069156 -2.688 0.007

L6.Temp 0.098057 0.057444 1.707 0.088

L6.Precip. horaria 0.018534 0.004415 4.198 0.000

L6.Temp. prom aire 0.000927 0.000560 1.654 0.098

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

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const 0.018876 0.011249 1.678 0.093

L1.Conduct -0.238088 0.137362 -1.733 0.083

L1.Water 4.001881 0.100928 39.651 0.000

L1.Temp -0.211735 0.076651 -2.762 0.006

L1.Precip. horaria 0.011309 0.005931 1.907 0.057

L1.Temp. prom aire 0.000276 0.000754 0.366 0.715

L2.Conduct 1.035685 0.509387 2.033 0.042

L2.Water -7.303281 0.373907 -19.532 0.000

L2.Temp 0.747691 0.278779 2.682 0.007

L2.Precip. horaria -0.034506 0.005983 -5.768 0.000

L2.Temp. prom aire 0.000048 0.000811 0.059 0.953

L3.Conduct -1.944850 0.855005 -2.275 0.023

L3.Water 8.177247 0.627794 13.025 0.000

L3.Temp -1.101917 0.458203 -2.405 0.016

L3.Precip. horaria -0.008372 0.006111 -1.370 0.171

L3.Temp. prom aire 0.000333 0.000811 0.410 0.682

L4.Conduct 1.956617 0.842121 2.323 0.020

L4.Water -6.008574 0.620145 -9.689 0.000

L4.Temp 0.870207 0.458917 1.896 0.058

L4.Precip. horaria 0.002423 0.006032 0.402 0.688

L4.Temp. prom aire -0.000621 0.000813 -0.763 0.445

L5.Conduct -1.046511 0.483903 -2.163 0.031

L5.Water 2.660052 0.358285 7.424 0.000

L5.Temp -0.385806 0.279846 -1.379 0.168

L5.Precip. horaria -0.020586 0.006039 -3.409 0.001

L5.Temp. prom aire -0.000354 0.000820 -0.432 0.666

L6.Conduct 0.236312 0.124116 1.904 0.057

L6.Water -0.527687 0.092694 -5.693 0.000

L6.Temp 0.080584 0.076996 1.047 0.295

L6.Precip. horaria 0.027606 0.005918 4.665 0.000

L6.Temp. prom aire 0.000893 0.000751 1.189 0.234

================================================================

Results for equation Temp

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coefficient std. error t-stat prob

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const 0.005753 0.006741 0.853 0.393

L1.Conduct -0.304439 0.082320 -3.698 0.000

L1.Water 0.173793 0.060485 2.873 0.004

L1.Temp 3.533523 0.045936 76.922 0.000

L1.Precip. horaria -0.001358 0.003554 -0.382 0.702

L1.Temp. prom aire 0.000710 0.000452 1.571 0.116

L2.Conduct 1.202883 0.305271 3.940 0.000

L2.Water -0.671091 0.224079 -2.995 0.003

L2.Temp -5.110638 0.167070 -30.590 0.000

L2.Precip. horaria 0.001234 0.003585 0.344 0.731

L2.Temp. prom aire -0.000541 0.000486 -1.112 0.266

L3.Conduct -2.125792 0.512397 -4.149 0.000

L3.Water 1.139560 0.376231 3.029 0.002

L3.Temp 4.064599 0.274597 14.802 0.000

L3.Precip. horaria -0.000038 0.003662 -0.010 0.992

L3.Temp. prom aire -0.001332 0.000486 -2.742 0.006

L4.Conduct 2.089920 0.504675 4.141 0.000

L4.Water -1.068726 0.371647 -2.876 0.004

L4.Temp -2.143519 0.275025 -7.794 0.000

L4.Precip. horaria 0.003612 0.003615 0.999 0.318

L4.Temp. prom aire -0.000342 0.000487 -0.702 0.482

L5.Conduct -1.106684 0.289998 -3.816 0.000

L5.Water 0.538417 0.214717 2.508 0.012

L5.Temp 0.842463 0.167709 5.023 0.000

L5.Precip. horaria -0.001218 0.003619 -0.337 0.736

L5.Temp. prom aire 0.000028 0.000491 0.057 0.954

L6.Conduct 0.243274 0.074382 3.271 0.001

L6.Water -0.111534 0.055551 -2.008 0.045

L6.Temp -0.186523 0.046143 -4.042 0.000

L6.Precip. horaria -0.001934 0.003547 -0.545 0.586

L6.Temp. prom aire 0.001254 0.000450 2.786 0.005

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.036934 0.088756 -0.416 0.677

L1.Conduct 1.031892 1.083796 0.952 0.341

L1.Water -1.291106 0.796331 -1.621 0.105

L1.Temp -0.819567 0.604783 -1.355 0.175

L1.Precip. horaria 0.155750 0.046794 3.328 0.001

L1.Temp. prom aire 0.004845 0.005945 0.815 0.415

L2.Conduct -4.395232 4.019097 -1.094 0.274

L2.Water 5.795083 2.950153 1.964 0.049

L2.Temp 1.847050 2.199584 0.840 0.401

L2.Precip. horaria -0.057004 0.047203 -1.208 0.227

L2.Temp. prom aire 0.003871 0.006402 0.605 0.545

L3.Conduct 8.990827 6.746050 1.333 0.183

L3.Water -11.371917 4.953339 -2.296 0.022

L3.Temp -1.457197 3.615252 -0.403 0.687

L3.Precip. horaria 0.164117 0.048219 3.404 0.001

L3.Temp. prom aire -0.004806 0.006397 -0.751 0.452

L4.Conduct -10.689823 6.644391 -1.609 0.108

L4.Water 12.874776 4.892983 2.631 0.009

L4.Temp 0.704715 3.620889 0.195 0.846

L4.Precip. horaria -0.090712 0.047591 -1.906 0.057

L4.Temp. prom aire -0.007961 0.006416 -1.241 0.215

L5.Conduct 6.875752 3.818027 1.801 0.072

L5.Water -8.275159 2.826893 -2.927 0.003

L5.Temp -0.481470 2.208007 -0.218 0.827

L5.Precip. horaria 0.105649 0.047647 2.217 0.027

L5.Temp. prom aire -0.001559 0.006466 -0.241 0.810

L6.Conduct -1.810073 0.979285 -1.848 0.065

L6.Water 2.276436 0.731363 3.113 0.002

L6.Temp 0.213705 0.607502 0.352 0.725

L6.Precip. horaria -0.078763 0.046695 -1.687 0.092

L6.Temp. prom aire -0.004447 0.005927 -0.750 0.453

================================================================

Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.618908 0.707218 2.289 0.022

L1.Conduct 14.421359 8.635800 1.670 0.095

L1.Water -11.882445 6.345251 -1.873 0.061

L1.Temp 2.825926 4.818976 0.586 0.558

L1.Precip. horaria 0.094705 0.372857 0.254 0.799

L1.Temp. prom aire 0.421777 0.047374 8.903 0.000

L2.Conduct -49.004720 32.024598 -1.530 0.126

L2.Water 41.399866 23.507136 1.761 0.078

L2.Temp -12.055040 17.526517 -0.688 0.492

L2.Precip. horaria -0.417977 0.376116 -1.111 0.266

L2.Temp. prom aire 0.023477 0.051010 0.460 0.645

L3.Conduct 71.040888 53.753247 1.322 0.186

L3.Water -60.382824 39.468738 -1.530 0.126

L3.Temp 30.424970 28.806714 1.056 0.291

L3.Precip. horaria -0.222558 0.384211 -0.579 0.562

L3.Temp. prom aire 0.024300 0.050973 0.477 0.634

L4.Conduct -53.510533 52.943220 -1.011 0.312

L4.Water 46.188433 38.987812 1.185 0.236

L4.Temp -34.404874 28.851635 -1.192 0.233

L4.Precip. horaria 0.281389 0.379209 0.742 0.458

L4.Temp. prom aire 0.056575 0.051120 1.107 0.268

L5.Conduct 19.712666 30.422445 0.648 0.517

L5.Water -18.542330 22.524986 -0.823 0.410

L5.Temp 14.256921 17.593640 0.810 0.418

L5.Precip. horaria -0.274517 0.379655 -0.723 0.470

L5.Temp. prom aire -0.021077 0.051524 -0.409 0.682

L6.Conduct -2.547194 7.803044 -0.326 0.744

L6.Water 3.181548 5.827581 0.546 0.585

L6.Temp -0.780546 4.840638 -0.161 0.872

L6.Precip. horaria -0.095919 0.372068 -0.258 0.797

L6.Temp. prom aire -0.021321 0.047228 -0.451 0.652

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.896032 0.120189 0.017465 0.055857

Water 0.896032 1.000000 0.025288 -0.014593 0.030303

Temp 0.120189 0.025288 1.000000 0.004052 -0.019480

Precip. horaria 0.017465 -0.014593 0.004052 1.000000 0.104489

Temp. prom aire 0.055857 0.030303 -0.019480 0.104489 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -24.0876

Nobs: 482.000 HQIC: -24.9031

Log likelihood: 2864.26 FPE: 9.03225e-12

AIC: -25.4311 Det(Omega\_mle): 6.61370e-12

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Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.083442 0.026364 3.165 0.002

L1.Conduct 3.579462 0.061019 58.661 0.000

L1.Water 0.641738 0.202295 3.172 0.002

L1.Temp -0.358782 0.102443 -3.502 0.000

L1.Precip. horaria -0.003854 0.008905 -0.433 0.665

L1.Temp. prom aire 0.000994 0.001136 0.875 0.382

L2.Conduct -5.205352 0.219826 -23.679 0.000

L2.Water -2.701067 0.771551 -3.501 0.000

L2.Temp 1.262880 0.380143 3.322 0.001

L2.Precip. horaria -0.002476 0.009011 -0.275 0.783

L2.Temp. prom aire -0.000217 0.001218 -0.178 0.858

L3.Conduct 4.063538 0.355581 11.428 0.000

L3.Water 4.521808 1.292607 3.498 0.000

L3.Temp -1.941614 0.641063 -3.029 0.002

L3.Precip. horaria -0.012906 0.008942 -1.443 0.149

L3.Temp. prom aire -0.002639 0.001218 -2.167 0.030

L4.Conduct -2.009690 0.352351 -5.704 0.000

L4.Water -3.705911 1.242730 -2.982 0.003

L4.Temp 1.690702 0.646838 2.614 0.009

L4.Precip. horaria -0.016037 0.008994 -1.783 0.075

L4.Temp. prom aire 0.002494 0.001225 2.036 0.042

L5.Conduct 0.724487 0.212147 3.415 0.001

L5.Water 1.434513 0.691638 2.074 0.038

L5.Temp -0.857269 0.389376 -2.202 0.028

L5.Precip. horaria -0.008535 0.009043 -0.944 0.345

L5.Temp. prom aire -0.002237 0.001226 -1.824 0.068

L6.Conduct -0.153454 0.056583 -2.712 0.007

L6.Water -0.191498 0.171232 -1.118 0.263

L6.Temp 0.201628 0.105931 1.903 0.057

L6.Precip. horaria 0.010103 0.008830 1.144 0.253

L6.Temp. prom aire 0.001906 0.001128 1.690 0.091

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.005146 0.007250 0.710 0.478

L1.Conduct 0.047888 0.016779 2.854 0.004

L1.Water 4.020481 0.055627 72.275 0.000

L1.Temp -0.196160 0.028170 -6.963 0.000

L1.Precip. horaria -0.004949 0.002449 -2.021 0.043

L1.Temp. prom aire 0.000014 0.000312 0.045 0.964

L2.Conduct -0.210288 0.060448 -3.479 0.001

L2.Water -6.968097 0.212162 -32.843 0.000

L2.Temp 0.763807 0.104532 7.307 0.000

L2.Precip. horaria -0.003207 0.002478 -1.294 0.196

L2.Temp. prom aire 0.000294 0.000335 0.878 0.380

L3.Conduct 0.406910 0.097778 4.162 0.000

L3.Water 6.890357 0.355443 19.385 0.000

L3.Temp -1.284763 0.176280 -7.288 0.000

L3.Precip. horaria -0.006822 0.002459 -2.774 0.006

L3.Temp. prom aire -0.000816 0.000335 -2.438 0.015

L4.Conduct -0.425192 0.096890 -4.388 0.000

L4.Water -4.261089 0.341727 -12.469 0.000

L4.Temp 1.194002 0.177868 6.713 0.000

L4.Precip. horaria -0.002708 0.002473 -1.095 0.273

L4.Temp. prom aire 0.000386 0.000337 1.147 0.251

L5.Conduct 0.232670 0.058336 3.988 0.000

L5.Water 1.602186 0.190187 8.424 0.000

L5.Temp -0.620172 0.107071 -5.792 0.000

L5.Precip. horaria 0.002708 0.002487 1.089 0.276

L5.Temp. prom aire -0.000717 0.000337 -2.126 0.034

L6.Conduct -0.051796 0.015559 -3.329 0.001

L6.Water -0.284271 0.047086 -6.037 0.000

L6.Temp 0.143250 0.029129 4.918 0.000

L6.Precip. horaria 0.003614 0.002428 1.489 0.137

L6.Temp. prom aire 0.000664 0.000310 2.141 0.032

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.028110 0.011919 -2.358 0.018

L1.Conduct -0.015061 0.027586 -0.546 0.585

L1.Water -0.137922 0.091456 -1.508 0.132

L1.Temp 3.594990 0.046314 77.623 0.000

L1.Precip. horaria -0.007020 0.004026 -1.744 0.081

L1.Temp. prom aire 0.000776 0.000514 1.510 0.131

L2.Conduct 0.072838 0.099381 0.733 0.464

L2.Water 0.512594 0.348811 1.470 0.142

L2.Temp -5.429986 0.171860 -31.595 0.000

L2.Precip. horaria -0.000335 0.004074 -0.082 0.934

L2.Temp. prom aire -0.000620 0.000551 -1.126 0.260

L3.Conduct -0.122705 0.160755 -0.763 0.445

L3.Water -0.953114 0.584377 -1.631 0.103

L3.Temp 4.618923 0.289819 15.937 0.000

L3.Precip. horaria -0.000890 0.004042 -0.220 0.826

L3.Temp. prom aire -0.001418 0.000550 -2.576 0.010

L4.Conduct 0.107526 0.159295 0.675 0.500

L4.Water 1.083136 0.561827 1.928 0.054

L4.Temp -2.517490 0.292430 -8.609 0.000

L4.Precip. horaria -0.000287 0.004066 -0.070 0.944

L4.Temp. prom aire -0.000757 0.000554 -1.367 0.172

L5.Conduct -0.059291 0.095910 -0.618 0.536

L5.Water -0.689266 0.312684 -2.204 0.027

L5.Temp 0.881342 0.176034 5.007 0.000

L5.Precip. horaria -0.003954 0.004088 -0.967 0.334

L5.Temp. prom aire -0.000084 0.000554 -0.151 0.880

L6.Conduct 0.017508 0.025581 0.684 0.494

L6.Water 0.184208 0.077413 2.380 0.017

L6.Temp -0.146536 0.047890 -3.060 0.002

L6.Precip. horaria -0.000115 0.003992 -0.029 0.977

L6.Temp. prom aire 0.001136 0.000510 2.228 0.026

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.366780 0.137801 -2.662 0.008

L1.Conduct 0.151971 0.318934 0.476 0.634

L1.Water -0.217471 1.057353 -0.206 0.837

L1.Temp -0.642224 0.535448 -1.199 0.230

L1.Precip. horaria 0.154547 0.046545 3.320 0.001

L1.Temp. prom aire 0.001524 0.005940 0.257 0.798

L2.Conduct 0.590220 1.148979 0.514 0.607

L2.Water -3.289002 4.032724 -0.816 0.415

L2.Temp 1.661339 1.986925 0.836 0.403

L2.Precip. horaria -0.065175 0.047097 -1.384 0.166

L2.Temp. prom aire 0.003722 0.006366 0.585 0.559

L3.Conduct -1.992649 1.858543 -1.072 0.284

L3.Water 12.613832 6.756171 1.867 0.062

L3.Temp -1.904517 3.350694 -0.568 0.570

L3.Precip. horaria 0.194625 0.046736 4.164 0.000

L3.Temp. prom aire -0.003296 0.006364 -0.518 0.605

L4.Conduct 1.549911 1.841661 0.842 0.400

L4.Water -16.756640 6.495470 -2.580 0.010

L4.Temp 1.771090 3.380877 0.524 0.600

L4.Precip. horaria -0.107828 0.047009 -2.294 0.022

L4.Temp. prom aire -0.005307 0.006400 -0.829 0.407

L5.Conduct -0.116233 1.108844 -0.105 0.917

L5.Water 9.863808 3.615039 2.729 0.006

L5.Temp -1.356678 2.035184 -0.667 0.505

L5.Precip. horaria 0.056176 0.047265 1.189 0.235

L5.Temp. prom aire 0.001011 0.006409 0.158 0.875

L6.Conduct -0.178448 0.295747 -0.603 0.546

L6.Water -2.207569 0.894993 -2.467 0.014

L6.Temp 0.483305 0.553675 0.873 0.383

L6.Precip. horaria -0.106576 0.046151 -2.309 0.021

L6.Temp. prom aire -0.003585 0.005895 -0.608 0.543

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.655591 1.092523 1.515 0.130

L1.Conduct 3.949999 2.528599 1.562 0.118

L1.Water -11.645400 8.382989 -1.389 0.165

L1.Temp 2.334511 4.245185 0.550 0.582

L1.Precip. horaria 0.089624 0.369023 0.243 0.808

L1.Temp. prom aire 0.410447 0.047092 8.716 0.000

L2.Conduct -14.557441 9.109428 -1.598 0.110

L2.Water 47.128143 31.972573 1.474 0.140

L2.Temp -13.474625 15.752900 -0.855 0.392

L2.Precip. horaria -0.432899 0.373396 -1.159 0.246

L2.Temp. prom aire 0.012574 0.050472 0.249 0.803

L3.Conduct 25.040835 14.735049 1.699 0.089

L3.Water -79.972346 53.564828 -1.493 0.135

L3.Temp 38.382198 26.565243 1.445 0.149

L3.Precip. horaria -0.130974 0.370538 -0.353 0.724

L3.Temp. prom aire 0.043840 0.050458 0.869 0.385

L4.Conduct -26.118243 14.601204 -1.789 0.074

L4.Water 73.502325 51.497921 1.427 0.153

L4.Temp -46.752576 26.804545 -1.744 0.081

L4.Precip. horaria 0.363160 0.372700 0.974 0.330

L4.Temp. prom aire 0.050260 0.050745 0.990 0.322

L5.Conduct 15.756504 8.791229 1.792 0.073

L5.Water -37.334989 28.661047 -1.303 0.193

L5.Temp 23.001713 16.135511 1.426 0.154

L5.Precip. horaria -0.212838 0.374726 -0.568 0.570

L5.Temp. prom aire -0.021992 0.050808 -0.433 0.665

L6.Conduct -4.043498 2.344763 -1.724 0.085

L6.Water 8.296802 7.095759 1.169 0.242

L6.Temp -3.242644 4.389694 -0.739 0.460

L6.Precip. horaria -0.011964 0.365898 -0.033 0.974

L6.Temp. prom aire 0.000595 0.046739 0.013 0.990

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.655295 0.118677 -0.027489 -0.049613

Water 0.655295 1.000000 0.226202 -0.104124 -0.058912

Temp 0.118677 0.226202 1.000000 -0.021314 -0.057791

Precip. horaria -0.027489 -0.104124 -0.021314 1.000000 0.098893

Temp. prom aire -0.049613 -0.058912 -0.057791 0.098893 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -23.3104

Nobs: 482.000 HQIC: -24.1260

Log likelihood: 2676.97 FPE: 1.96473e-11

AIC: -24.6540 Det(Omega\_mle): 1.43863e-11

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Results for equation Conduct

================================================================

coefficient std. error t-stat prob

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const 0.157626 0.036873 4.275 0.000

L1.Conduct 2.896963 0.068878 42.060 0.000

L1.Water 2.483569 0.278601 8.914 0.000

L1.Temp -0.221438 0.124677 -1.776 0.076

L1.Precip. horaria 0.006439 0.011613 0.554 0.579

L1.Temp. prom aire 0.001762 0.001516 1.163 0.245

L2.Conduct -2.960151 0.212346 -13.940 0.000

L2.Water -9.339207 1.019695 -9.159 0.000

L2.Temp 0.678911 0.446008 1.522 0.128

L2.Precip. horaria -0.013927 0.011797 -1.180 0.238

L2.Temp. prom aire 0.001078 0.001625 0.663 0.507

L3.Conduct 1.165705 0.287659 4.052 0.000

L3.Water 14.203086 1.626326 8.733 0.000

L3.Temp -0.769514 0.727371 -1.058 0.290

L3.Precip. horaria -0.016222 0.011802 -1.375 0.169

L3.Temp. prom aire -0.004977 0.001620 -3.072 0.002

L4.Conduct -0.191471 0.279139 -0.686 0.493

L4.Water -10.934748 1.495801 -7.310 0.000

L4.Temp 0.310455 0.735381 0.422 0.673

L4.Precip. horaria -0.007863 0.011855 -0.663 0.507

L4.Temp. prom aire 0.003325 0.001638 2.030 0.042

L5.Conduct 0.183464 0.190352 0.964 0.335

L5.Water 4.242289 0.814130 5.211 0.000

L5.Temp 0.053965 0.459378 0.117 0.906

L5.Precip. horaria -0.008413 0.011902 -0.707 0.480

L5.Temp. prom aire -0.000747 0.001643 -0.455 0.649

L6.Conduct -0.096398 0.056014 -1.721 0.085

L6.Water -0.657077 0.201164 -3.266 0.001

L6.Temp -0.058588 0.130172 -0.450 0.653

L6.Precip. horaria 0.019927 0.011634 1.713 0.087

L6.Temp. prom aire 0.003616 0.001495 2.418 0.016

================================================================

Results for equation Water

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coefficient std. error t-stat prob

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const 0.027320 0.008274 3.302 0.001

L1.Conduct -0.016516 0.015456 -1.069 0.285

L1.Water 4.202704 0.062517 67.224 0.000

L1.Temp -0.114661 0.027977 -4.098 0.000

L1.Precip. horaria 0.001024 0.002606 0.393 0.694

L1.Temp. prom aire 0.000161 0.000340 0.473 0.636

L2.Conduct 0.004871 0.047650 0.102 0.919

L2.Water -7.623112 0.228818 -33.315 0.000

L2.Temp 0.441443 0.100083 4.411 0.000

L2.Precip. horaria -0.006420 0.002647 -2.425 0.015

L2.Temp. prom aire 0.000271 0.000365 0.744 0.457

L3.Conduct 0.107833 0.064550 1.671 0.095

L3.Water 7.850843 0.364944 21.512 0.000

L3.Temp -0.726455 0.163221 -4.451 0.000

L3.Precip. horaria -0.006216 0.002648 -2.347 0.019

L3.Temp. prom aire -0.000790 0.000364 -2.174 0.030

L4.Conduct -0.213997 0.062638 -3.416 0.001

L4.Water -4.967268 0.335655 -14.799 0.000

L4.Temp 0.643799 0.165018 3.901 0.000

L4.Precip. horaria -0.000832 0.002660 -0.313 0.754

L4.Temp. prom aire 0.000437 0.000368 1.190 0.234

L5.Conduct 0.162468 0.042715 3.804 0.000

L5.Water 1.851245 0.182689 10.133 0.000

L5.Temp -0.311099 0.103084 -3.018 0.003

L5.Precip. horaria -0.001840 0.002671 -0.689 0.491

L5.Temp. prom aire -0.000418 0.000369 -1.134 0.257

L6.Conduct -0.044791 0.012569 -3.564 0.000

L6.Water -0.315026 0.045141 -6.979 0.000

L6.Temp 0.066044 0.029210 2.261 0.024

L6.Precip. horaria 0.005216 0.002611 1.998 0.046

L6.Temp. prom aire 0.000804 0.000336 2.396 0.017

================================================================

Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.018196 0.013700 -1.328 0.184

L1.Conduct 0.020411 0.025592 0.798 0.425

L1.Water -0.207502 0.103514 -2.005 0.045

L1.Temp 3.456565 0.046324 74.617 0.000

L1.Precip. horaria -0.003661 0.004315 -0.848 0.396

L1.Temp. prom aire 0.000606 0.000563 1.076 0.282

L2.Conduct -0.051311 0.078897 -0.650 0.515

L2.Water 0.837898 0.378868 2.212 0.027

L2.Temp -4.844580 0.165714 -29.235 0.000

L2.Precip. horaria 0.002051 0.004383 0.468 0.640

L2.Temp. prom aire -0.000006 0.000604 -0.009 0.993

L3.Conduct -0.001127 0.106880 -0.011 0.992

L3.Water -1.436639 0.604263 -2.378 0.017

L3.Temp 3.635480 0.270255 13.452 0.000

L3.Precip. horaria 0.002498 0.004385 0.570 0.569

L3.Temp. prom aire -0.001583 0.000602 -2.629 0.009

L4.Conduct 0.113966 0.103714 1.099 0.272

L4.Water 1.320963 0.555766 2.377 0.017

L4.Temp -1.699729 0.273231 -6.221 0.000

L4.Precip. horaria 0.002264 0.004405 0.514 0.607

L4.Temp. prom aire -0.000522 0.000609 -0.858 0.391

L5.Conduct -0.119596 0.070726 -1.691 0.091

L5.Water -0.661141 0.302490 -2.186 0.029

L5.Temp 0.547133 0.170682 3.206 0.001

L5.Precip. horaria -0.002333 0.004422 -0.528 0.598

L5.Temp. prom aire -0.000239 0.000610 -0.392 0.695

L6.Conduct 0.038062 0.020812 1.829 0.067

L6.Water 0.146528 0.074742 1.960 0.050

L6.Temp -0.094150 0.048365 -1.947 0.052

L6.Precip. horaria -0.002428 0.004323 -0.562 0.574

L6.Temp. prom aire 0.001178 0.000556 2.119 0.034

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.145198 0.149266 -0.973 0.331

L1.Conduct -0.030965 0.278820 -0.111 0.912

L1.Water 0.760119 1.127789 0.674 0.500

L1.Temp -0.167216 0.504700 -0.331 0.740

L1.Precip. horaria 0.196129 0.047011 4.172 0.000

L1.Temp. prom aire 0.004898 0.006136 0.798 0.425

L2.Conduct 0.259454 0.859589 0.302 0.763

L2.Water -3.353602 4.127774 -0.812 0.417

L2.Temp 0.337124 1.805460 0.187 0.852

L2.Precip. horaria -0.055467 0.047757 -1.161 0.245

L2.Temp. prom aire 0.004341 0.006578 0.660 0.509

L3.Conduct -0.300312 1.164457 -0.258 0.796

L3.Water 6.675632 6.583446 1.014 0.311

L3.Temp -0.193129 2.944433 -0.066 0.948

L3.Precip. horaria 0.209854 0.047773 4.393 0.000

L3.Temp. prom aire -0.003219 0.006560 -0.491 0.624

L4.Conduct -0.225764 1.129967 -0.200 0.842

L4.Water -6.870437 6.055076 -1.135 0.257

L4.Temp 0.029940 2.976859 0.010 0.992

L4.Precip. horaria -0.104838 0.047989 -2.185 0.029

L4.Temp. prom aire -0.005779 0.006631 -0.871 0.384

L5.Conduct 0.474579 0.770556 0.616 0.538

L5.Water 3.514405 3.295636 1.066 0.286

L5.Temp -0.062709 1.859586 -0.034 0.973

L5.Precip. horaria 0.074275 0.048180 1.542 0.123

L5.Temp. prom aire 0.002567 0.006651 0.386 0.700

L6.Conduct -0.178595 0.226746 -0.788 0.431

L6.Water -0.715936 0.814320 -0.879 0.379

L6.Temp 0.057455 0.526942 0.109 0.913

L6.Precip. horaria -0.099245 0.047096 -2.107 0.035

L6.Temp. prom aire -0.000824 0.006054 -0.136 0.892

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.741678 1.151029 0.644 0.519

L1.Conduct 3.633522 2.150063 1.690 0.091

L1.Water -9.872010 8.696704 -1.135 0.256

L1.Temp 0.977786 3.891887 0.251 0.802

L1.Precip. horaria 0.097214 0.362514 0.268 0.789

L1.Temp. prom aire 0.418373 0.047318 8.842 0.000

L2.Conduct -11.572400 6.628533 -1.746 0.081

L2.Water 37.398581 31.830438 1.175 0.240

L2.Temp -7.271313 13.922416 -0.522 0.601

L2.Precip. horaria -0.539394 0.368266 -1.465 0.143

L2.Temp. prom aire 0.018463 0.050728 0.364 0.716

L3.Conduct 14.951239 8.979459 1.665 0.096

L3.Water -56.475874 50.766824 -1.112 0.266

L3.Temp 29.257151 22.705358 1.289 0.198

L3.Precip. horaria -0.291917 0.368394 -0.792 0.428

L3.Temp. prom aire 0.039499 0.050583 0.781 0.435

L4.Conduct -9.430288 8.713499 -1.082 0.279

L4.Water 42.544275 46.692410 0.911 0.362

L4.Temp -42.989168 22.955403 -1.873 0.061

L4.Precip. horaria 0.220499 0.370054 0.596 0.551

L4.Temp. prom aire 0.064332 0.051134 1.258 0.208

L5.Conduct 2.359892 5.941973 0.397 0.691

L5.Water -15.898046 25.413583 -0.626 0.532

L5.Temp 24.708486 14.339795 1.723 0.085

L5.Precip. horaria -0.292111 0.371526 -0.786 0.432

L5.Temp. prom aire -0.024234 0.051287 -0.473 0.637

L6.Conduct 0.085262 1.748502 0.049 0.961

L6.Water 2.302535 6.279453 0.367 0.714

L6.Temp -4.430764 4.063401 -1.090 0.276

L6.Precip. horaria -0.133399 0.363169 -0.367 0.713

L6.Temp. prom aire -0.007316 0.046683 -0.157 0.875

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.758898 0.042924 0.003160 -0.002800

Water 0.758898 1.000000 0.016772 -0.055430 -0.031685

Temp 0.042924 0.016772 1.000000 0.013755 -0.059542

Precip. horaria 0.003160 -0.055430 0.013755 1.000000 0.107997

Temp. prom aire -0.002800 -0.031685 -0.059542 0.107997 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -22.8379

Nobs: 482.000 HQIC: -23.6534

Log likelihood: 2563.07 FPE: 3.15169e-11

AIC: -24.1814 Det(Omega\_mle): 2.30777e-11

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.228283 0.071135 3.209 0.001

L1.Conduct 3.649394 0.066717 54.700 0.000

L1.Water 1.253349 0.428754 2.923 0.003

L1.Temp -0.730645 0.400381 -1.825 0.068

L1.Precip. horaria 0.011134 0.022075 0.504 0.614

L1.Temp. prom aire 0.003022 0.002766 1.092 0.275

L2.Conduct -5.529522 0.247825 -22.312 0.000

L2.Water -5.389308 1.651164 -3.264 0.001

L2.Temp 1.997202 1.549221 1.289 0.197

L2.Precip. horaria -0.015346 0.022209 -0.691 0.490

L2.Temp. prom aire -0.000389 0.002990 -0.130 0.896

L3.Conduct 4.608416 0.412133 11.182 0.000

L3.Water 9.600723 2.808901 3.418 0.001

L3.Temp -1.959174 2.674251 -0.733 0.464

L3.Precip. horaria -0.021475 0.022049 -0.974 0.330

L3.Temp. prom aire -0.008878 0.002989 -2.971 0.003

L4.Conduct -2.411670 0.405695 -5.945 0.000

L4.Water -8.872607 2.743925 -3.234 0.001

L4.Temp 0.737228 2.676417 0.275 0.783

L4.Precip. horaria -0.023705 0.022169 -1.069 0.285

L4.Temp. prom aire 0.006702 0.003024 2.216 0.027

L5.Conduct 0.837263 0.235038 3.562 0.000

L5.Water 4.241344 1.538576 2.757 0.006

L5.Temp -0.022864 1.555879 -0.015 0.988

L5.Precip. horaria -0.026863 0.022289 -1.205 0.228

L5.Temp. prom aire -0.004437 0.003034 -1.463 0.144

L6.Conduct -0.154436 0.060307 -2.561 0.010

L6.Water -0.836611 0.380435 -2.199 0.028

L6.Temp -0.028296 0.404848 -0.070 0.944

L6.Precip. horaria 0.027711 0.021798 1.271 0.204

L6.Temp. prom aire 0.005319 0.002776 1.916 0.055

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.025205 0.010231 2.463 0.014

L1.Conduct 0.011207 0.009596 1.168 0.243

L1.Water 4.032430 0.061669 65.389 0.000

L1.Temp -0.038916 0.057588 -0.676 0.499

L1.Precip. horaria -0.001182 0.003175 -0.372 0.710

L1.Temp. prom aire -0.000150 0.000398 -0.377 0.706

L2.Conduct -0.062181 0.035645 -1.744 0.081

L2.Water -7.020293 0.237491 -29.560 0.000

L2.Temp 0.106496 0.222828 0.478 0.633

L2.Precip. horaria -0.004046 0.003194 -1.266 0.205

L2.Temp. prom aire 0.000249 0.000430 0.578 0.563

L3.Conduct 0.139209 0.059278 2.348 0.019

L3.Water 7.038591 0.404011 17.422 0.000

L3.Temp -0.118235 0.384644 -0.307 0.759

L3.Precip. horaria -0.008177 0.003171 -2.578 0.010

L3.Temp. prom aire -0.000813 0.000430 -1.891 0.059

L4.Conduct -0.158550 0.058352 -2.717 0.007

L4.Water -4.490147 0.394665 -11.377 0.000

L4.Temp 0.087126 0.384955 0.226 0.821

L4.Precip. horaria -0.001194 0.003189 -0.374 0.708

L4.Temp. prom aire 0.000608 0.000435 1.398 0.162

L5.Conduct 0.090890 0.033806 2.689 0.007

L5.Water 1.769755 0.221297 7.997 0.000

L5.Temp -0.059582 0.223785 -0.266 0.790

L5.Precip. horaria 0.000079 0.003206 0.025 0.980

L5.Temp. prom aire -0.000734 0.000436 -1.683 0.092

L6.Conduct -0.020550 0.008674 -2.369 0.018

L6.Water -0.331004 0.054719 -6.049 0.000

L6.Temp 0.022712 0.058230 0.390 0.697

L6.Precip. horaria 0.007566 0.003135 2.413 0.016

L6.Temp. prom aire 0.000514 0.000399 1.288 0.198

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.008768 0.008000 -1.096 0.273

L1.Conduct -0.017198 0.007503 -2.292 0.022

L1.Water 0.077234 0.048218 1.602 0.109

L1.Temp 3.869068 0.045027 85.928 0.000

L1.Precip. horaria -0.002057 0.002483 -0.829 0.407

L1.Temp. prom aire 0.000513 0.000311 1.648 0.099

L2.Conduct 0.068930 0.027870 2.473 0.013

L2.Water -0.319374 0.185690 -1.720 0.085

L2.Temp -6.419250 0.174225 -36.845 0.000

L2.Precip. horaria 0.000967 0.002498 0.387 0.699

L2.Temp. prom aire -0.000623 0.000336 -1.854 0.064

L3.Conduct -0.115245 0.046348 -2.486 0.013

L3.Water 0.511340 0.315889 1.619 0.106

L3.Temp 6.133853 0.300746 20.395 0.000

L3.Precip. horaria 0.000022 0.002480 0.009 0.993

L3.Temp. prom aire -0.000856 0.000336 -2.547 0.011

L4.Conduct 0.102970 0.045624 2.257 0.024

L4.Water -0.393852 0.308582 -1.276 0.202

L4.Temp -3.806418 0.300990 -12.646 0.000

L4.Precip. horaria 0.002716 0.002493 1.089 0.276

L4.Temp. prom aire -0.000225 0.000340 -0.661 0.508

L5.Conduct -0.049578 0.026432 -1.876 0.061

L5.Water 0.139051 0.173028 0.804 0.422

L5.Temp 1.522847 0.174974 8.703 0.000

L5.Precip. horaria -0.001452 0.002507 -0.579 0.562

L5.Temp. prom aire -0.000032 0.000341 -0.093 0.926

L6.Conduct 0.010229 0.006782 1.508 0.132

L6.Water -0.014521 0.042784 -0.339 0.734

L6.Temp -0.299500 0.045529 -6.578 0.000

L6.Precip. horaria -0.000012 0.002451 -0.005 0.996

L6.Temp. prom aire 0.000552 0.000312 1.769 0.077

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.387083 0.151533 -2.554 0.011

L1.Conduct 0.094241 0.142123 0.663 0.507

L1.Water -0.236412 0.913346 -0.259 0.796

L1.Temp -0.716543 0.852905 -0.840 0.401

L1.Precip. horaria 0.146687 0.047024 3.119 0.002

L1.Temp. prom aire 0.003033 0.005893 0.515 0.607

L2.Conduct 0.088396 0.527925 0.167 0.867

L2.Water -1.274158 3.517362 -0.362 0.717

L2.Temp 1.339748 3.300200 0.406 0.685

L2.Precip. horaria -0.079780 0.047310 -1.686 0.092

L2.Temp. prom aire 0.003351 0.006370 0.526 0.599

L3.Conduct -0.526624 0.877938 -0.600 0.549

L3.Water 5.333453 5.983610 0.891 0.373

L3.Temp -0.510460 5.696775 -0.090 0.929

L3.Precip. horaria 0.186838 0.046970 3.978 0.000

L3.Temp. prom aire -0.005006 0.006366 -0.786 0.432

L4.Conduct 0.361886 0.864224 0.419 0.675

L4.Water -6.334622 5.845197 -1.084 0.278

L4.Temp 0.180019 5.701388 0.032 0.975

L4.Precip. horaria -0.112230 0.047225 -2.376 0.017

L4.Temp. prom aire -0.007469 0.006441 -1.160 0.246

L5.Conduct 0.080564 0.500685 0.161 0.872

L5.Water 2.929728 3.277523 0.894 0.371

L5.Temp -0.685165 3.314382 -0.207 0.836

L5.Precip. horaria 0.060625 0.047482 1.277 0.202

L5.Temp. prom aire 0.001390 0.006463 0.215 0.830

L6.Conduct -0.097899 0.128468 -0.762 0.446

L6.Water -0.406823 0.810415 -0.502 0.616

L6.Temp 0.405201 0.862420 0.470 0.638

L6.Precip. horaria -0.101924 0.046435 -2.195 0.028

L6.Temp. prom aire -0.003268 0.005914 -0.553 0.581

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.540069 1.206136 1.277 0.202

L1.Conduct 2.271299 1.131230 2.008 0.045

L1.Water -12.436223 7.269814 -1.711 0.087

L1.Temp 5.343947 6.788726 0.787 0.431

L1.Precip. horaria 0.077039 0.374293 0.206 0.837

L1.Temp. prom aire 0.428796 0.046903 9.142 0.000

L2.Conduct -8.591974 4.202035 -2.045 0.041

L2.Water 48.249557 27.996576 1.723 0.085

L2.Temp -25.533370 26.268061 -0.972 0.331

L2.Precip. horaria -0.418658 0.376565 -1.112 0.266

L2.Temp. prom aire 0.011594 0.050699 0.229 0.819

L3.Conduct 15.241662 6.987979 2.181 0.029

L3.Water -84.858304 47.626767 -1.782 0.075

L3.Temp 60.630487 45.343692 1.337 0.181

L3.Precip. horaria -0.101413 0.373863 -0.271 0.786

L3.Temp. prom aire 0.039075 0.050673 0.771 0.441

L4.Conduct -16.061346 6.878820 -2.335 0.020

L4.Water 86.630656 46.525059 1.862 0.063

L4.Temp -68.025458 45.380409 -1.499 0.134

L4.Precip. horaria 0.311508 0.375891 0.829 0.407

L4.Temp. prom aire 0.054612 0.051266 1.065 0.287

L5.Conduct 9.530746 3.985222 2.392 0.017

L5.Water -50.080985 26.087570 -1.920 0.055

L5.Temp 32.118279 26.380944 1.217 0.223

L5.Precip. horaria -0.251033 0.377933 -0.664 0.507

L5.Temp. prom aire -0.026735 0.051445 -0.520 0.603

L6.Conduct -2.379095 1.022548 -2.327 0.020

L6.Water 12.468523 6.450530 1.933 0.053

L6.Temp -4.280713 6.864464 -0.624 0.533

L6.Precip. horaria -0.058159 0.369602 -0.157 0.875

L6.Temp. prom aire 0.002944 0.047075 0.063 0.950

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.717308 0.008053 -0.004316 -0.026793

Water 0.717308 1.000000 -0.069276 -0.070969 -0.055796

Temp 0.008053 -0.069276 1.000000 0.012487 -0.031771

Precip. horaria -0.004316 -0.070969 0.012487 1.000000 0.103821

Temp. prom aire -0.026793 -0.055796 -0.031771 0.103821 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -24.6319

Nobs: 482.000 HQIC: -25.4474

Log likelihood: 2995.43 FPE: 5.24108e-12

AIC: -25.9754 Det(Omega\_mle): 3.83768e-12

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.046063 0.016364 2.815 0.005

L1.Conduct 3.437816 0.077890 44.137 0.000

L1.Water 0.946675 0.160782 5.888 0.000

L1.Temp -0.250504 0.080513 -3.111 0.002

L1.Precip. horaria -0.004851 0.006719 -0.722 0.470

L1.Temp. prom aire 0.000508 0.000870 0.584 0.559

L2.Conduct -4.875362 0.292651 -16.659 0.000

L2.Water -3.439334 0.619873 -5.548 0.000

L2.Temp 0.881900 0.298801 2.951 0.003

L2.Precip. horaria -0.000860 0.006801 -0.126 0.899

L2.Temp. prom aire 0.000868 0.000931 0.932 0.351

L3.Conduct 3.928705 0.491867 7.987 0.000

L3.Water 4.934415 1.063982 4.638 0.000

L3.Temp -1.326927 0.502183 -2.642 0.008

L3.Precip. horaria -0.014431 0.006703 -2.153 0.031

L3.Temp. prom aire -0.002682 0.000931 -2.879 0.004

L4.Conduct -2.223468 0.486455 -4.571 0.000

L4.Water -3.486205 1.057303 -3.297 0.001

L4.Temp 1.098498 0.505014 2.175 0.030

L4.Precip. horaria -0.011885 0.006787 -1.751 0.080

L4.Temp. prom aire 0.002169 0.000935 2.320 0.020

L5.Conduct 0.940578 0.280950 3.348 0.001

L5.Water 1.209512 0.603391 2.005 0.045

L5.Temp -0.512939 0.303834 -1.688 0.091

L5.Precip. horaria -0.001156 0.006844 -0.169 0.866

L5.Temp. prom aire -0.000516 0.000938 -0.550 0.582

L6.Conduct -0.209897 0.071596 -2.932 0.003

L6.Water -0.164831 0.151204 -1.090 0.276

L6.Temp 0.107052 0.082673 1.295 0.195

L6.Precip. horaria 0.002659 0.006674 0.398 0.690

L6.Temp. prom aire 0.002172 0.000859 2.530 0.011

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.017877 0.007753 2.306 0.021

L1.Conduct -0.144145 0.036901 -3.906 0.000

L1.Water 4.201154 0.076171 55.154 0.000

L1.Temp -0.166682 0.038143 -4.370 0.000

L1.Precip. horaria -0.004655 0.003183 -1.462 0.144

L1.Temp. prom aire 0.000286 0.000412 0.693 0.489

L2.Conduct 0.483550 0.138644 3.488 0.000

L2.Water -7.596466 0.293667 -25.868 0.000

L2.Temp 0.630716 0.141558 4.456 0.000

L2.Precip. horaria 0.000174 0.003222 0.054 0.957

L2.Temp. prom aire 0.000205 0.000441 0.466 0.641

L3.Conduct -0.641905 0.233024 -2.755 0.006

L3.Water 7.800173 0.504065 15.475 0.000

L3.Temp -1.032754 0.237911 -4.341 0.000

L3.Precip. horaria -0.011384 0.003176 -3.585 0.000

L3.Temp. prom aire -0.000852 0.000441 -1.930 0.054

L4.Conduct 0.417562 0.230460 1.812 0.070

L4.Water -4.960769 0.500901 -9.904 0.000

L4.Temp 0.935190 0.239252 3.909 0.000

L4.Precip. horaria -0.001491 0.003215 -0.464 0.643

L4.Temp. prom aire 0.000506 0.000443 1.142 0.253

L5.Conduct -0.131602 0.133101 -0.989 0.323

L5.Water 1.891114 0.285859 6.616 0.000

L5.Temp -0.475606 0.143942 -3.304 0.001

L5.Precip. horaria 0.003793 0.003242 1.170 0.242

L5.Temp. prom aire -0.000498 0.000445 -1.120 0.263

L6.Conduct 0.016261 0.033919 0.479 0.632

L6.Water -0.335504 0.071634 -4.684 0.000

L6.Temp 0.108259 0.039167 2.764 0.006

L6.Precip. horaria 0.003818 0.003162 1.208 0.227

L6.Temp. prom aire 0.000945 0.000407 2.324 0.020

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.004943 0.009252 -0.534 0.593

L1.Conduct -0.027843 0.044037 -0.632 0.527

L1.Water -0.058084 0.090901 -0.639 0.523

L1.Temp 3.633983 0.045520 79.833 0.000

L1.Precip. horaria -0.004521 0.003799 -1.190 0.234

L1.Temp. prom aire 0.000966 0.000492 1.964 0.050

L2.Conduct 0.102035 0.165456 0.617 0.537

L2.Water 0.243012 0.350458 0.693 0.488

L2.Temp -5.564178 0.168933 -32.937 0.000

L2.Precip. horaria 0.002019 0.003845 0.525 0.600

L2.Temp. prom aire -0.000786 0.000527 -1.493 0.135

L3.Conduct -0.173470 0.278087 -0.624 0.533

L3.Water -0.485550 0.601543 -0.807 0.420

L3.Temp 4.841057 0.283919 17.051 0.000

L3.Precip. horaria 0.001362 0.003790 0.359 0.719

L3.Temp. prom aire -0.001251 0.000527 -2.376 0.017

L4.Conduct 0.171138 0.275027 0.622 0.534

L4.Water 0.578659 0.597768 0.968 0.333

L4.Temp -2.750531 0.285520 -9.633 0.000

L4.Precip. horaria 0.001248 0.003837 0.325 0.745

L4.Temp. prom aire -0.000655 0.000528 -1.239 0.215

L5.Conduct -0.091534 0.158841 -0.576 0.564

L5.Water -0.392200 0.341139 -1.150 0.250

L5.Temp 1.030288 0.171778 5.998 0.000

L5.Precip. horaria -0.002377 0.003869 -0.614 0.539

L5.Temp. prom aire 0.000004 0.000530 0.008 0.994

L6.Conduct 0.019855 0.040478 0.491 0.624

L6.Water 0.114268 0.085486 1.337 0.181

L6.Temp -0.190264 0.046741 -4.071 0.000

L6.Precip. horaria 0.000547 0.003773 0.145 0.885

L6.Temp. prom aire 0.001299 0.000485 2.675 0.007

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.081980 0.114320 -0.717 0.473

L1.Conduct 0.395534 0.544137 0.727 0.467

L1.Water 0.114898 1.123215 0.102 0.919

L1.Temp -0.590483 0.562459 -1.050 0.294

L1.Precip. horaria 0.190459 0.046941 4.057 0.000

L1.Temp. prom aire 0.002387 0.006080 0.393 0.695

L2.Conduct -0.529529 2.044441 -0.259 0.796

L2.Water -3.131000 4.330397 -0.723 0.470

L2.Temp 1.514679 2.087404 0.726 0.468

L2.Precip. horaria -0.043501 0.047511 -0.916 0.360

L2.Temp. prom aire 0.002882 0.006507 0.443 0.658

L3.Conduct 0.013881 3.436158 0.004 0.997

L3.Water 9.335202 7.432917 1.256 0.209

L3.Temp -1.556036 3.508219 -0.444 0.657

L3.Precip. horaria 0.207959 0.046826 4.441 0.000

L3.Temp. prom aire -0.003652 0.006507 -0.561 0.575

L4.Conduct -0.277066 3.398347 -0.082 0.935

L4.Water -10.686620 7.386261 -1.447 0.148

L4.Temp 1.199008 3.527998 0.340 0.734

L4.Precip. horaria -0.092008 0.047413 -1.941 0.052

L4.Temp. prom aire -0.005654 0.006530 -0.866 0.387

L5.Conduct 0.717353 1.962702 0.365 0.715

L5.Water 5.340782 4.215259 1.267 0.205

L5.Temp -0.937340 2.122564 -0.442 0.659

L5.Precip. horaria 0.073318 0.047810 1.534 0.125

L5.Temp. prom aire -0.000094 0.006555 -0.014 0.989

L6.Conduct -0.319134 0.500168 -0.638 0.523

L6.Water -0.966720 1.056304 -0.915 0.360

L6.Temp 0.376238 0.577550 0.651 0.515

L6.Precip. horaria -0.103199 0.046624 -2.213 0.027

L6.Temp. prom aire -0.003092 0.005998 -0.515 0.606

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.476250 0.887504 1.663 0.096

L1.Conduct 11.695950 4.224333 2.769 0.006

L1.Water -22.809182 8.719925 -2.616 0.009

L1.Temp 3.398784 4.366574 0.778 0.436

L1.Precip. horaria 0.046054 0.364416 0.126 0.899

L1.Temp. prom aire 0.412419 0.047203 8.737 0.000

L2.Conduct -43.175552 15.871733 -2.720 0.007

L2.Water 87.788364 33.618437 2.611 0.009

L2.Temp -18.361283 16.205273 -1.133 0.257

L2.Precip. horaria -0.485428 0.368843 -1.316 0.188

L2.Temp. prom aire 0.028356 0.050514 0.561 0.575

L3.Conduct 67.683291 26.676135 2.537 0.011

L3.Water -139.990336 57.704414 -2.426 0.015

L3.Temp 48.928579 27.235571 1.796 0.072

L3.Precip. horaria -0.179121 0.363527 -0.493 0.622

L3.Temp. prom aire 0.034107 0.050515 0.675 0.500

L4.Conduct -57.455430 26.382590 -2.178 0.029

L4.Water 118.016620 57.342210 2.058 0.040

L4.Temp -58.956640 27.389120 -2.153 0.031

L4.Precip. horaria 0.237576 0.368084 0.645 0.519

L4.Temp. prom aire 0.059441 0.050697 1.172 0.241

L5.Conduct 26.627768 15.237167 1.748 0.081

L5.Water -53.764866 32.724575 -1.643 0.100

L5.Temp 29.989185 16.478233 1.820 0.069

L5.Precip. horaria -0.190793 0.371167 -0.514 0.607

L5.Temp. prom aire -0.026860 0.050887 -0.528 0.598

L6.Conduct -5.342055 3.882982 -1.376 0.169

L6.Water 10.750395 8.200466 1.311 0.190

L6.Temp -4.742949 4.483728 -1.058 0.290

L6.Precip. horaria 0.005189 0.361956 0.014 0.989

L6.Temp. prom aire -0.012011 0.046565 -0.258 0.796

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.818582 0.064928 0.017103 0.042378

Water 0.818582 1.000000 0.095241 -0.054492 0.009811

Temp 0.064928 0.095241 1.000000 0.008615 -0.060225

Precip. horaria 0.017103 -0.054492 0.008615 1.000000 0.106117

Temp. prom aire 0.042378 0.009811 -0.060225 0.106117 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -25.7187

Nobs: 482.000 HQIC: -26.5343

Log likelihood: 3257.37 FPE: 1.76761e-12

AIC: -27.0623 Det(Omega\_mle): 1.29430e-12

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.029324 0.010867 2.698 0.007

L1.Conduct 3.882405 0.060093 64.606 0.000

L1.Water 0.168211 0.078811 2.134 0.033

L1.Temp -0.140697 0.048467 -2.903 0.004

L1.Precip. horaria -0.001363 0.003788 -0.360 0.719

L1.Temp. prom aire 0.000278 0.000469 0.594 0.553

L2.Conduct -6.325714 0.229259 -27.592 0.000

L2.Water -0.748435 0.300379 -2.492 0.013

L2.Temp 0.491593 0.182487 2.694 0.007

L2.Precip. horaria -0.006010 0.003817 -1.575 0.115

L2.Temp. prom aire -0.000470 0.000508 -0.925 0.355

L3.Conduct 5.697506 0.390363 14.595 0.000

L3.Water 1.349649 0.505347 2.671 0.008

L3.Temp -0.708167 0.309647 -2.287 0.022

L3.Precip. horaria -0.009218 0.003815 -2.416 0.016

L3.Temp. prom aire -0.000831 0.000509 -1.633 0.102

L4.Conduct -3.156474 0.389914 -8.095 0.000

L4.Water -1.236014 0.491947 -2.512 0.012

L4.Temp 0.539655 0.310605 1.737 0.082

L4.Precip. horaria -0.005323 0.003835 -1.388 0.165

L4.Temp. prom aire 0.001056 0.000511 2.066 0.039

L5.Conduct 1.091805 0.226420 4.822 0.000

L5.Water 0.574729 0.278001 2.067 0.039

L5.Temp -0.226000 0.184130 -1.227 0.220

L5.Precip. horaria 0.003105 0.003854 0.806 0.420

L5.Temp. prom aire -0.000993 0.000512 -1.938 0.053

L6.Conduct -0.190204 0.057777 -3.292 0.001

L6.Water -0.108265 0.069726 -1.553 0.120

L6.Temp 0.042802 0.049184 0.870 0.384

L6.Precip. horaria 0.007603 0.003804 1.999 0.046

L6.Temp. prom aire 0.000954 0.000468 2.039 0.041

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.009256 0.007950 1.164 0.244

L1.Conduct 0.203191 0.043959 4.622 0.000

L1.Water 3.910452 0.057651 67.829 0.000

L1.Temp -0.160210 0.035454 -4.519 0.000

L1.Precip. horaria -0.003080 0.002771 -1.112 0.266

L1.Temp. prom aire 0.000028 0.000343 0.081 0.935

L2.Conduct -0.837417 0.167705 -4.993 0.000

L2.Water -6.525847 0.219730 -29.699 0.000

L2.Temp 0.629636 0.133491 4.717 0.000

L2.Precip. horaria -0.007017 0.002792 -2.513 0.012

L2.Temp. prom aire 0.000046 0.000372 0.124 0.901

L3.Conduct 1.403695 0.285554 4.916 0.000

L3.Water 6.188272 0.369666 16.740 0.000

L3.Temp -1.044726 0.226510 -4.612 0.000

L3.Precip. horaria -0.007519 0.002791 -2.694 0.007

L3.Temp. prom aire -0.000759 0.000372 -2.041 0.041

L4.Conduct -1.189670 0.285226 -4.171 0.000

L4.Water -3.712881 0.359864 -10.317 0.000

L4.Temp 0.933569 0.227211 4.109 0.000

L4.Precip. horaria -0.002803 0.002805 -0.999 0.318

L4.Temp. prom aire 0.000765 0.000374 2.047 0.041

L5.Conduct 0.502019 0.165628 3.031 0.002

L5.Water 1.394283 0.203361 6.856 0.000

L5.Temp -0.460077 0.134693 -3.416 0.001

L5.Precip. horaria 0.000612 0.002819 0.217 0.828

L5.Temp. prom aire -0.000554 0.000375 -1.479 0.139

L6.Conduct -0.081565 0.042264 -1.930 0.054

L6.Water -0.254687 0.051005 -4.993 0.000

L6.Temp 0.101538 0.035978 2.822 0.005

L6.Precip. horaria 0.005819 0.002783 2.091 0.037

L6.Temp. prom aire 0.000493 0.000342 1.442 0.149

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.020722 0.010226 -2.026 0.043

L1.Conduct -0.074886 0.056545 -1.324 0.185

L1.Water -0.061403 0.074158 -0.828 0.408

L1.Temp 3.677573 0.045605 80.640 0.000

L1.Precip. horaria -0.003716 0.003564 -1.043 0.297

L1.Temp. prom aire 0.000679 0.000441 1.539 0.124

L2.Conduct 0.248351 0.215722 1.151 0.250

L2.Water 0.285496 0.282642 1.010 0.312

L2.Temp -5.694447 0.171711 -33.163 0.000

L2.Precip. horaria 0.000198 0.003591 0.055 0.956

L2.Temp. prom aire -0.000815 0.000478 -1.704 0.088

L3.Conduct -0.302730 0.367313 -0.824 0.410

L3.Water -0.694292 0.475508 -1.460 0.144

L3.Temp 4.965029 0.291363 17.041 0.000

L3.Precip. horaria -0.000658 0.003590 -0.183 0.855

L3.Temp. prom aire -0.001217 0.000478 -2.543 0.011

L4.Conduct 0.165492 0.366891 0.451 0.652

L4.Water 0.952826 0.462899 2.058 0.040

L4.Temp -2.758115 0.292265 -9.437 0.000

L4.Precip. horaria -0.000036 0.003608 -0.010 0.992

L4.Temp. prom aire -0.000611 0.000481 -1.270 0.204

L5.Conduct -0.039111 0.213051 -0.184 0.854

L5.Water -0.674624 0.261586 -2.579 0.010

L5.Temp 0.977350 0.173257 5.641 0.000

L5.Precip. horaria -0.002678 0.003627 -0.738 0.460

L5.Temp. prom aire 0.000088 0.000482 0.182 0.855

L6.Conduct 0.003888 0.054365 0.072 0.943

L6.Water 0.191931 0.065609 2.925 0.003

L6.Temp -0.166390 0.046280 -3.595 0.000

L6.Precip. horaria 0.000567 0.003579 0.158 0.874

L6.Temp. prom aire 0.001028 0.000440 2.336 0.019

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.332260 0.135060 -2.460 0.014

L1.Conduct 0.709323 0.746839 0.950 0.342

L1.Water -0.333814 0.979469 -0.341 0.733

L1.Temp -0.769311 0.602345 -1.277 0.202

L1.Precip. horaria 0.133182 0.047072 2.829 0.005

L1.Temp. prom aire 0.003661 0.005830 0.628 0.530

L2.Conduct -2.588920 2.849231 -0.909 0.364

L2.Water 1.282333 3.733108 0.344 0.731

L2.Temp 2.023163 2.267945 0.892 0.372

L2.Precip. horaria -0.092347 0.047434 -1.947 0.052

L2.Temp. prom aire 0.004211 0.006319 0.666 0.505

L3.Conduct 5.446395 4.851429 1.123 0.262

L3.Water -2.186982 6.280454 -0.348 0.728

L3.Temp -1.957970 3.848295 -0.509 0.611

L3.Precip. horaria 0.170982 0.047412 3.606 0.000

L3.Temp. prom aire -0.002864 0.006320 -0.453 0.650

L4.Conduct -6.852865 4.845855 -1.414 0.157

L4.Water 2.288234 6.113927 0.374 0.708

L4.Temp 1.127665 3.860203 0.292 0.770

L4.Precip. horaria -0.115729 0.047656 -2.428 0.015

L4.Temp. prom aire -0.007030 0.006354 -1.106 0.269

L5.Conduct 4.373627 2.813948 1.554 0.120

L5.Water -1.410384 3.455002 -0.408 0.683

L5.Temp -0.709180 2.288365 -0.310 0.757

L5.Precip. horaria 0.069893 0.047899 1.459 0.145

L5.Temp. prom aire 0.001052 0.006367 0.165 0.869

L6.Conduct -1.081223 0.718053 -1.506 0.132

L6.Water 0.367880 0.866555 0.425 0.671

L6.Temp 0.294611 0.611256 0.482 0.630

L6.Precip. horaria -0.087941 0.047276 -1.860 0.063

L6.Temp. prom aire 0.000007 0.005814 0.001 0.999

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.052813 1.090915 1.882 0.060

L1.Conduct 7.639592 6.032413 1.266 0.205

L1.Water -7.412248 7.911430 -0.937 0.349

L1.Temp 2.218948 4.865301 0.456 0.648

L1.Precip. horaria 0.085585 0.380215 0.225 0.822

L1.Temp. prom aire 0.446538 0.047088 9.483 0.000

L2.Conduct -33.390670 23.013995 -1.451 0.147

L2.Water 34.909876 30.153303 1.158 0.247

L2.Temp -14.348649 18.318791 -0.783 0.433

L2.Precip. horaria -0.422129 0.383141 -1.102 0.271

L2.Temp. prom aire 0.035874 0.051044 0.703 0.482

L3.Conduct 66.568911 39.186271 1.699 0.089

L3.Water -73.639314 50.728882 -1.452 0.147

L3.Temp 41.729413 31.083699 1.342 0.179

L3.Precip. horaria -0.140197 0.382961 -0.366 0.714

L3.Temp. prom aire 0.054241 0.051048 1.063 0.288

L4.Conduct -73.925458 39.141250 -1.889 0.059

L4.Water 85.297926 49.383799 1.727 0.084

L4.Temp -51.451377 31.179875 -1.650 0.099

L4.Precip. horaria 0.371915 0.384929 0.966 0.334

L4.Temp. prom aire 0.056567 0.051325 1.102 0.270

L5.Conduct 43.879273 22.729005 1.931 0.054

L5.Water -52.613663 27.906965 -1.885 0.059

L5.Temp 25.283667 18.483725 1.368 0.171

L5.Precip. horaria -0.272986 0.386892 -0.706 0.480

L5.Temp. prom aire -0.006618 0.051432 -0.129 0.898

L6.Conduct -10.710698 5.799901 -1.847 0.065

L6.Water 13.401861 6.999391 1.915 0.056

L6.Temp -3.248419 4.937273 -0.658 0.511

L6.Precip. horaria -0.112959 0.381865 -0.296 0.767

L6.Temp. prom aire 0.004939 0.046962 0.105 0.916

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.633786 0.086170 0.010323 -0.038773

Water 0.633786 1.000000 0.134696 -0.036454 -0.032473

Temp 0.086170 0.134696 1.000000 0.001009 -0.052417

Precip. horaria 0.010323 -0.036454 0.001009 1.000000 0.094998

Temp. prom aire -0.038773 -0.032473 -0.052417 0.094998 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -23.6263

Nobs: 482.000 HQIC: -24.4418

Log likelihood: 2753.08 FPE: 1.43263e-11

AIC: -24.9698 Det(Omega\_mle): 1.04902e-11

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Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.252591 0.091634 2.757 0.006

L1.Conduct 3.216246 0.066350 48.474 0.000

L1.Water 5.075130 0.666039 7.620 0.000

L1.Temp 0.852915 0.563679 1.513 0.130

L1.Precip. horaria 0.015318 0.025686 0.596 0.551

L1.Temp. prom aire 0.001298 0.003248 0.400 0.689

L2.Conduct -3.803986 0.226156 -16.820 0.000

L2.Water -20.498933 2.470719 -8.297 0.000

L2.Temp -4.468717 2.240472 -1.995 0.046

L2.Precip. horaria -0.016323 0.025927 -0.630 0.529

L2.Temp. prom aire -0.000809 0.003514 -0.230 0.818

L3.Conduct 1.896331 0.341955 5.546 0.000

L3.Water 33.734652 4.056277 8.317 0.000

L3.Temp 8.685151 3.939540 2.205 0.027

L3.Precip. horaria -0.015422 0.025768 -0.598 0.550

L3.Temp. prom aire -0.012450 0.003523 -3.534 0.000

L4.Conduct -0.327893 0.336900 -0.973 0.330

L4.Water -28.468437 3.931411 -7.241 0.000

L4.Temp -7.909046 3.926577 -2.014 0.044

L4.Precip. horaria -0.015344 0.025707 -0.597 0.551

L4.Temp. prom aire 0.008404 0.003549 2.368 0.018

L5.Conduct 0.072142 0.213848 0.337 0.736

L5.Water 12.407658 2.254218 5.504 0.000

L5.Temp 3.363452 2.223506 1.513 0.130

L5.Precip. horaria -0.016967 0.025914 -0.655 0.513

L5.Temp. prom aire -0.001145 0.003574 -0.320 0.749

L6.Conduct -0.053862 0.059446 -0.906 0.365

L6.Water -2.249288 0.573304 -3.923 0.000

L6.Temp -0.531666 0.559403 -0.950 0.342

L6.Precip. horaria 0.045904 0.025160 1.825 0.068

L6.Temp. prom aire 0.004485 0.003302 1.358 0.174

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.021880 0.008440 2.593 0.010

L1.Conduct -0.007541 0.006111 -1.234 0.217

L1.Water 4.100132 0.061344 66.839 0.000

L1.Temp 0.025783 0.051916 0.497 0.619

L1.Precip. horaria -0.000211 0.002366 -0.089 0.929

L1.Temp. prom aire 0.000038 0.000299 0.126 0.900

L2.Conduct 0.012574 0.020830 0.604 0.546

L2.Water -7.243019 0.227559 -31.829 0.000

L2.Temp -0.105738 0.206353 -0.512 0.608

L2.Precip. horaria -0.003363 0.002388 -1.408 0.159

L2.Temp. prom aire 0.000094 0.000324 0.290 0.771

L3.Conduct 0.016296 0.031495 0.517 0.605

L3.Water 7.298758 0.373593 19.537 0.000

L3.Temp 0.150309 0.362841 0.414 0.679

L3.Precip. horaria -0.002591 0.002373 -1.092 0.275

L3.Temp. prom aire -0.000729 0.000324 -2.246 0.025

L4.Conduct -0.054117 0.031029 -1.744 0.081

L4.Water -4.603352 0.362092 -12.713 0.000

L4.Temp -0.078567 0.361647 -0.217 0.828

L4.Precip. horaria -0.000254 0.002368 -0.107 0.915

L4.Temp. prom aire 0.000406 0.000327 1.243 0.214

L5.Conduct 0.045994 0.019696 2.335 0.020

L5.Water 1.769068 0.207619 8.521 0.000

L5.Temp -0.001650 0.204790 -0.008 0.994

L5.Precip. horaria -0.001252 0.002387 -0.524 0.600

L5.Temp. prom aire -0.000264 0.000329 -0.801 0.423

L6.Conduct -0.013227 0.005475 -2.416 0.016

L6.Water -0.322009 0.052803 -6.098 0.000

L6.Temp 0.009342 0.051522 0.181 0.856

L6.Precip. horaria 0.006032 0.002317 2.603 0.009

L6.Temp. prom aire 0.000391 0.000304 1.287 0.198

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.006447 0.006489 0.994 0.320

L1.Conduct -0.000969 0.004698 -0.206 0.837

L1.Water -0.007266 0.047163 -0.154 0.878

L1.Temp 4.212218 0.039915 105.531 0.000

L1.Precip. horaria -0.001190 0.001819 -0.654 0.513

L1.Temp. prom aire 0.000423 0.000230 1.839 0.066

L2.Conduct -0.002487 0.016014 -0.155 0.877

L2.Water 0.029152 0.174954 0.167 0.868

L2.Temp -7.864116 0.158650 -49.569 0.000

L2.Precip. horaria 0.000253 0.001836 0.138 0.891

L2.Temp. prom aire -0.000680 0.000249 -2.732 0.006

L3.Conduct 0.013154 0.024214 0.543 0.587

L3.Water -0.049968 0.287229 -0.174 0.862

L3.Temp 8.665744 0.278962 31.064 0.000

L3.Precip. horaria -0.001934 0.001825 -1.060 0.289

L3.Temp. prom aire -0.000240 0.000249 -0.964 0.335

L4.Conduct -0.017374 0.023856 -0.728 0.466

L4.Water 0.040403 0.278387 0.145 0.885

L4.Temp -6.136690 0.278044 -22.071 0.000

L4.Precip. horaria 0.002355 0.001820 1.294 0.196

L4.Temp. prom aire -0.000357 0.000251 -1.421 0.155

L5.Conduct 0.010173 0.015143 0.672 0.502

L5.Water -0.017445 0.159623 -0.109 0.913

L5.Temp 2.657286 0.157448 16.877 0.000

L5.Precip. horaria 0.000135 0.001835 0.074 0.941

L5.Temp. prom aire 0.000077 0.000253 0.305 0.760

L6.Conduct -0.002451 0.004209 -0.582 0.560

L6.Water 0.004724 0.040596 0.116 0.907

L6.Temp -0.534194 0.039612 -13.486 0.000

L6.Precip. horaria 0.002247 0.001782 1.261 0.207

L6.Temp. prom aire 0.000244 0.000234 1.043 0.297

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.124365 0.167706 -0.742 0.458

L1.Conduct 0.122096 0.121432 1.005 0.315

L1.Water -0.892947 1.218971 -0.733 0.464

L1.Temp -2.032761 1.031634 -1.970 0.049

L1.Precip. horaria 0.155308 0.047009 3.304 0.001

L1.Temp. prom aire 0.001888 0.005945 0.318 0.751

L2.Conduct -0.210209 0.413906 -0.508 0.612

L2.Water 2.090304 4.521861 0.462 0.644

L2.Temp 5.456663 4.100468 1.331 0.183

L2.Precip. horaria -0.078650 0.047451 -1.657 0.097

L2.Temp. prom aire 0.002881 0.006432 0.448 0.654

L3.Conduct 0.174557 0.625839 0.279 0.780

L3.Water -2.308899 7.423717 -0.311 0.756

L3.Temp -5.923027 7.210068 -0.821 0.411

L3.Precip. horaria 0.185279 0.047161 3.929 0.000

L3.Temp. prom aire -0.005664 0.006447 -0.878 0.380

L4.Conduct -0.306385 0.616588 -0.497 0.619

L4.Water 2.922294 7.195190 0.406 0.685

L4.Temp 4.386479 7.186343 0.610 0.542

L4.Precip. horaria -0.114211 0.047049 -2.427 0.015

L4.Temp. prom aire -0.009607 0.006495 -1.479 0.139

L5.Conduct 0.347188 0.391380 0.887 0.375

L5.Water -2.861306 4.125624 -0.694 0.488

L5.Temp -2.810299 4.069416 -0.691 0.490

L5.Precip. horaria 0.072484 0.047428 1.528 0.126

L5.Temp. prom aire -0.001346 0.006541 -0.206 0.837

L6.Conduct -0.127084 0.108797 -1.168 0.243

L6.Water 1.058061 1.049249 1.008 0.313

L6.Temp 0.935334 1.023808 0.914 0.361

L6.Precip. horaria -0.096707 0.046047 -2.100 0.036

L6.Temp. prom aire -0.004207 0.006044 -0.696 0.486

================================================================

Results for equation Temp. prom aire

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.150979 1.325153 3.887 0.000

L1.Conduct 1.643753 0.959513 1.713 0.087

L1.Water -16.804910 9.631874 -1.745 0.081

L1.Temp 13.962445 8.151605 1.713 0.087

L1.Precip. horaria 0.064147 0.371450 0.173 0.863

L1.Temp. prom aire 0.425061 0.046974 9.049 0.000

L2.Conduct -5.705839 3.270539 -1.745 0.081

L2.Water 62.555620 35.730125 1.751 0.080

L2.Temp -59.754175 32.400427 -1.844 0.065

L2.Precip. horaria -0.413230 0.374941 -1.102 0.270

L2.Temp. prom aire 0.015338 0.050819 0.302 0.763

L3.Conduct 8.720159 4.945153 1.763 0.078

L3.Water -105.010187 58.659551 -1.790 0.073

L3.Temp 119.606590 56.971369 2.099 0.036

L3.Precip. horaria -0.080573 0.372648 -0.216 0.829

L3.Temp. prom aire 0.031547 0.050944 0.619 0.536

L4.Conduct -7.780406 4.872059 -1.597 0.110

L4.Water 101.516026 56.853809 1.786 0.074

L4.Temp -124.728702 56.783907 -2.197 0.028

L4.Precip. horaria 0.469028 0.371764 1.262 0.207

L4.Temp. prom aire 0.038804 0.051318 0.756 0.450

L5.Conduct 4.119180 3.092545 1.332 0.183

L5.Water -55.401994 32.599203 -1.699 0.089

L5.Temp 63.326410 32.155066 1.969 0.049

L5.Precip. horaria -0.225870 0.374756 -0.603 0.547

L5.Temp. prom aire -0.033497 0.051686 -0.648 0.517

L6.Conduct -0.993925 0.859674 -1.156 0.248

L6.Water 13.056430 8.290789 1.575 0.115

L6.Temp -12.152727 8.089765 -1.502 0.133

L6.Precip. horaria -0.052003 0.363846 -0.143 0.886

L6.Temp. prom aire -0.027558 0.047756 -0.577 0.564

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.705777 0.113304 0.038656 -0.012384

Water 0.705777 1.000000 0.055873 -0.004515 -0.028057

Temp 0.113304 0.055873 1.000000 -0.026617 0.014515

Precip. horaria 0.038656 -0.004515 -0.026617 1.000000 0.088194

Temp. prom aire -0.012384 -0.028057 0.014515 0.088194 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -25.1808

Nobs: 482.000 HQIC: -25.9963

Log likelihood: 3127.71 FPE: 3.02716e-12

AIC: -26.5243 Det(Omega\_mle): 2.21658e-12

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.029732 0.013598 2.187 0.029

L1.Conduct 3.650392 0.079911 45.681 0.000

L1.Water 0.531189 0.140626 3.777 0.000

L1.Temp -0.125263 0.096201 -1.302 0.193

L1.Precip. horaria -0.006789 0.006178 -1.099 0.272

L1.Temp. prom aire -0.000882 0.000780 -1.131 0.258

L2.Conduct -5.521982 0.284203 -19.430 0.000

L2.Water -2.225357 0.509885 -4.364 0.000

L2.Temp 0.466902 0.369011 1.265 0.206

L2.Precip. horaria -0.013227 0.006244 -2.118 0.034

L2.Temp. prom aire 0.000924 0.000846 1.092 0.275

L3.Conduct 4.579662 0.457756 10.005 0.000

L3.Water 3.856926 0.828538 4.655 0.000

L3.Temp -0.784011 0.633458 -1.238 0.216

L3.Precip. horaria -0.010754 0.006216 -1.730 0.084

L3.Temp. prom aire -0.001549 0.000847 -1.828 0.067

L4.Conduct -2.341334 0.449779 -5.206 0.000

L4.Water -3.496866 0.803751 -4.351 0.000

L4.Temp 0.766128 0.633586 1.209 0.227

L4.Precip. horaria -0.000502 0.006234 -0.081 0.936

L4.Temp. prom aire 0.001398 0.000849 1.647 0.100

L5.Conduct 0.756312 0.266412 2.839 0.005

L5.Water 1.668625 0.465561 3.584 0.000

L5.Temp -0.434066 0.368760 -1.177 0.239

L5.Precip. horaria 0.005356 0.006270 0.854 0.393

L5.Temp. prom aire -0.000768 0.000848 -0.906 0.365

L6.Conduct -0.123938 0.070075 -1.769 0.077

L6.Water -0.334379 0.120760 -2.769 0.006

L6.Temp 0.109713 0.095759 1.146 0.252

L6.Precip. horaria 0.012248 0.006138 1.995 0.046

L6.Temp. prom aire 0.000465 0.000774 0.601 0.548

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.008763 0.007530 1.164 0.245

L1.Conduct 0.162569 0.044253 3.674 0.000

L1.Water 3.788355 0.077875 48.646 0.000

L1.Temp -0.148910 0.053274 -2.795 0.005

L1.Precip. horaria -0.003122 0.003421 -0.912 0.362

L1.Temp. prom aire -0.000041 0.000432 -0.094 0.925

L2.Conduct -0.563170 0.157385 -3.578 0.000

L2.Water -6.219308 0.282362 -22.026 0.000

L2.Temp 0.576861 0.204350 2.823 0.005

L2.Precip. horaria -0.008206 0.003458 -2.373 0.018

L2.Temp. prom aire 0.000295 0.000469 0.630 0.529

L3.Conduct 0.794526 0.253495 3.134 0.002

L3.Water 5.970588 0.458825 13.013 0.000

L3.Temp -0.955906 0.350794 -2.725 0.006

L3.Precip. horaria -0.009034 0.003442 -2.624 0.009

L3.Temp. prom aire -0.000942 0.000469 -2.008 0.045

L4.Conduct -0.590304 0.249077 -2.370 0.018

L4.Water -3.722641 0.445098 -8.364 0.000

L4.Temp 0.866529 0.350865 2.470 0.014

L4.Precip. horaria 0.002159 0.003452 0.626 0.532

L4.Temp. prom aire 0.000503 0.000470 1.069 0.285

L5.Conduct 0.241326 0.147533 1.636 0.102

L5.Water 1.442743 0.257817 5.596 0.000

L5.Temp -0.437398 0.204210 -2.142 0.032

L5.Precip. horaria 0.002156 0.003472 0.621 0.535

L5.Temp. prom aire -0.000380 0.000470 -0.808 0.419

L6.Conduct -0.044571 0.038806 -1.149 0.251

L6.Water -0.260459 0.066874 -3.895 0.000

L6.Temp 0.098650 0.053029 1.860 0.063

L6.Precip. horaria 0.007354 0.003399 2.164 0.030

L6.Temp. prom aire 0.000476 0.000428 1.112 0.266

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.003554 0.006349 0.560 0.576

L1.Conduct 0.024104 0.037309 0.646 0.518

L1.Water -0.105632 0.065655 -1.609 0.108

L1.Temp 3.807795 0.044914 84.779 0.000

L1.Precip. horaria -0.005024 0.002885 -1.742 0.082

L1.Temp. prom aire 0.000714 0.000364 1.961 0.050

L2.Conduct -0.140369 0.132688 -1.058 0.290

L2.Water 0.465761 0.238054 1.957 0.050

L2.Temp -6.193803 0.172283 -35.951 0.000

L2.Precip. horaria 0.001458 0.002915 0.500 0.617

L2.Temp. prom aire -0.000865 0.000395 -2.190 0.029

L3.Conduct 0.356244 0.213716 1.667 0.096

L3.Water -0.976960 0.386826 -2.526 0.012

L3.Temp 5.803363 0.295748 19.623 0.000

L3.Precip. horaria -0.000945 0.002902 -0.326 0.745

L3.Temp. prom aire -0.000958 0.000395 -2.422 0.015

L4.Conduct -0.449446 0.209992 -2.140 0.032

L4.Water 1.141149 0.375254 3.041 0.002

L4.Temp -3.568646 0.295808 -12.064 0.000

L4.Precip. horaria 0.001812 0.002910 0.623 0.533

L4.Temp. prom aire -0.000232 0.000396 -0.585 0.559

L5.Conduct 0.278078 0.124382 2.236 0.025

L5.Water -0.704708 0.217360 -3.242 0.001

L5.Temp 1.442287 0.172166 8.377 0.000

L5.Precip. horaria -0.001229 0.002927 -0.420 0.675

L5.Temp. prom aire -0.000144 0.000396 -0.364 0.716

L6.Conduct -0.068071 0.032717 -2.081 0.037

L6.Water 0.179834 0.056380 3.190 0.001

L6.Temp -0.290685 0.044708 -6.502 0.000

L6.Precip. horaria 0.000733 0.002866 0.256 0.798

L6.Temp. prom aire 0.000747 0.000361 2.068 0.039

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.099324 0.104049 -0.955 0.340

L1.Conduct -0.506202 0.611464 -0.828 0.408

L1.Water 0.409147 1.076047 0.380 0.704

L1.Temp -1.031321 0.736116 -1.401 0.161

L1.Precip. horaria 0.172586 0.047276 3.651 0.000

L1.Temp. prom aire 0.003438 0.005969 0.576 0.565

L2.Conduct 1.402042 2.174672 0.645 0.519

L2.Water -1.483977 3.901555 -0.380 0.704

L2.Temp 2.356449 2.823612 0.835 0.404

L2.Precip. horaria -0.064838 0.047778 -1.357 0.175

L2.Temp. prom aire 0.002987 0.006476 0.461 0.645

L3.Conduct -0.638348 3.502676 -0.182 0.855

L3.Water 1.319624 6.339839 0.208 0.835

L3.Temp -1.779053 4.847121 -0.367 0.714

L3.Precip. horaria 0.191793 0.047563 4.032 0.000

L3.Temp. prom aire -0.004699 0.006481 -0.725 0.468

L4.Conduct -1.239013 3.441631 -0.360 0.719

L4.Water 0.971105 6.150170 0.158 0.875

L4.Temp 0.662275 4.848096 0.137 0.891

L4.Precip. horaria -0.111656 0.047699 -2.341 0.019

L4.Temp. prom aire -0.008175 0.006498 -1.258 0.208

L5.Conduct 1.412311 2.038542 0.693 0.488

L5.Water -2.087427 3.562396 -0.586 0.558

L5.Temp -0.398290 2.821688 -0.141 0.888

L5.Precip. horaria 0.068069 0.047974 1.419 0.156

L5.Temp. prom aire -0.000107 0.006491 -0.016 0.987

L6.Conduct -0.422596 0.536205 -0.788 0.431

L6.Water 0.871413 0.924035 0.943 0.346

L6.Temp 0.198590 0.732729 0.271 0.786

L6.Precip. horaria -0.096033 0.046969 -2.045 0.041

L6.Temp. prom aire -0.004226 0.005919 -0.714 0.475

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.904591 0.823508 2.313 0.021

L1.Conduct 7.343907 4.839521 1.517 0.129

L1.Water -14.294882 8.516529 -1.678 0.093

L1.Temp 5.039349 5.826099 0.865 0.387

L1.Precip. horaria 0.078097 0.374171 0.209 0.835

L1.Temp. prom aire 0.436140 0.047245 9.231 0.000

L2.Conduct -27.151943 17.211757 -1.578 0.115

L2.Water 54.805878 30.879429 1.775 0.076

L2.Temp -25.261697 22.347892 -1.130 0.258

L2.Precip. horaria -0.416994 0.378148 -1.103 0.270

L2.Temp. prom aire 0.029943 0.051256 0.584 0.559

L3.Conduct 38.621684 27.722440 1.393 0.164

L3.Water -84.045880 50.177575 -1.675 0.094

L3.Temp 58.692768 38.363241 1.530 0.126

L3.Precip. horaria -0.193119 0.376446 -0.513 0.608

L3.Temp. prom aire 0.029136 0.051294 0.568 0.570

L4.Conduct -25.704786 27.239293 -0.944 0.345

L4.Water 66.173921 48.676415 1.359 0.174

L4.Temp -64.434230 38.370964 -1.679 0.093

L4.Precip. horaria 0.244101 0.377518 0.647 0.518

L4.Temp. prom aire 0.047174 0.051428 0.917 0.359

L5.Conduct 7.798606 16.134340 0.483 0.629

L5.Water -28.646284 28.195104 -1.016 0.310

L5.Temp 30.687251 22.332656 1.374 0.169

L5.Precip. horaria -0.321913 0.379701 -0.848 0.397

L5.Temp. prom aire -0.015581 0.051375 -0.303 0.762

L6.Conduct -0.845413 4.243871 -0.199 0.842

L6.Water 5.956357 7.313412 0.814 0.415

L6.Temp -4.490827 5.799290 -0.774 0.439

L6.Precip. horaria -0.161872 0.371743 -0.435 0.663

L6.Temp. prom aire -0.014539 0.046848 -0.310 0.756

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.810948 -0.068724 -0.036269 -0.024440

Water 0.810948 1.000000 0.030429 -0.075067 -0.023844

Temp -0.068724 0.030429 1.000000 -0.002469 -0.049519

Precip. horaria -0.036269 -0.075067 -0.002469 1.000000 0.105463

Temp. prom aire -0.024440 -0.023844 -0.049519 0.105463 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -23.7008

Nobs: 482.000 HQIC: -24.5163

Log likelihood: 2771.04 FPE: 1.32978e-11

AIC: -25.0443 Det(Omega\_mle): 9.73705e-12

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.058316 0.029207 1.997 0.046

L1.Conduct 3.474940 0.057402 60.537 0.000

L1.Water 1.194777 0.267801 4.461 0.000

L1.Temp -0.140449 0.205100 -0.685 0.493

L1.Precip. horaria -0.000275 0.013231 -0.021 0.983

L1.Temp. prom aire 0.002904 0.001729 1.680 0.093

L2.Conduct -4.795123 0.201142 -23.839 0.000

L2.Water -4.830199 1.024850 -4.713 0.000

L2.Temp 0.347425 0.791646 0.439 0.661

L2.Precip. horaria -0.011066 0.013409 -0.825 0.409

L2.Temp. prom aire -0.000170 0.001844 -0.092 0.926

L3.Conduct 3.293626 0.318597 10.338 0.000

L3.Water 8.162841 1.718376 4.750 0.000

L3.Temp -0.327294 1.367023 -0.239 0.811

L3.Precip. horaria -0.017214 0.013355 -1.289 0.197

L3.Temp. prom aire -0.003622 0.001843 -1.965 0.049

L4.Conduct -1.171192 0.317562 -3.688 0.000

L4.Water -7.212759 1.644030 -4.387 0.000

L4.Temp 0.157925 1.370149 0.115 0.908

L4.Precip. horaria -0.002838 0.013390 -0.212 0.832

L4.Temp. prom aire 0.002177 0.001848 1.178 0.239

L5.Conduct 0.228096 0.196120 1.163 0.245

L5.Water 3.310407 0.906463 3.652 0.000

L5.Temp -0.063578 0.796865 -0.080 0.936

L5.Precip. horaria -0.002781 0.013423 -0.207 0.836

L5.Temp. prom aire -0.000396 0.001861 -0.213 0.831

L6.Conduct -0.031869 0.053644 -0.594 0.552

L6.Water -0.625468 0.222746 -2.808 0.005

L6.Temp 0.020562 0.207127 0.099 0.921

L6.Precip. horaria 0.022493 0.013085 1.719 0.086

L6.Temp. prom aire 0.005099 0.001723 2.959 0.003

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.013535 0.005496 2.463 0.014

L1.Conduct 0.037635 0.010802 3.484 0.000

L1.Water 4.144123 0.050395 82.232 0.000

L1.Temp -0.133637 0.038596 -3.462 0.001

L1.Precip. horaria -0.001215 0.002490 -0.488 0.626

L1.Temp. prom aire 0.000131 0.000325 0.403 0.687

L2.Conduct -0.162500 0.037851 -4.293 0.000

L2.Water -7.475534 0.192858 -38.762 0.000

L2.Temp 0.559853 0.148974 3.758 0.000

L2.Precip. horaria -0.006051 0.002523 -2.398 0.016

L2.Temp. prom aire -0.000020 0.000347 -0.058 0.953

L3.Conduct 0.292107 0.059954 4.872 0.000

L3.Water 7.807219 0.323368 24.143 0.000

L3.Temp -1.002110 0.257249 -3.895 0.000

L3.Precip. horaria -0.007484 0.002513 -2.978 0.003

L3.Temp. prom aire -0.000358 0.000347 -1.033 0.301

L4.Conduct -0.279629 0.059759 -4.679 0.000

L4.Water -5.161028 0.309377 -16.682 0.000

L4.Temp 0.963442 0.257837 3.737 0.000

L4.Precip. horaria 0.003182 0.002520 1.263 0.207

L4.Temp. prom aire -0.000107 0.000348 -0.308 0.758

L5.Conduct 0.143910 0.036906 3.899 0.000

L5.Water 2.070810 0.170580 12.140 0.000

L5.Temp -0.498783 0.149956 -3.326 0.001

L5.Precip. horaria -0.000726 0.002526 -0.288 0.774

L5.Temp. prom aire -0.000288 0.000350 -0.823 0.411

L6.Conduct -0.031574 0.010095 -3.128 0.002

L6.Water -0.385935 0.041917 -9.207 0.000

L6.Temp 0.110837 0.038978 2.844 0.004

L6.Precip. horaria 0.007052 0.002462 2.864 0.004

L6.Temp. prom aire 0.000652 0.000324 2.012 0.044

================================================================

Results for equation Temp

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.005390 0.006114 0.882 0.378

L1.Conduct 0.007977 0.012016 0.664 0.507

L1.Water -0.125404 0.056059 -2.237 0.025

L1.Temp 3.926817 0.042934 91.461 0.000

L1.Precip. horaria -0.004174 0.002770 -1.507 0.132

L1.Temp. prom aire 0.000712 0.000362 1.966 0.049

L2.Conduct -0.032085 0.042106 -0.762 0.446

L2.Water 0.489094 0.214535 2.280 0.023

L2.Temp -6.716098 0.165718 -40.527 0.000

L2.Precip. horaria 0.003056 0.002807 1.089 0.276

L2.Temp. prom aire -0.000724 0.000386 -1.875 0.061

L3.Conduct 0.033029 0.066693 0.495 0.620

L3.Water -0.785483 0.359713 -2.184 0.029

L3.Temp 6.775105 0.286163 23.676 0.000

L3.Precip. horaria -0.000569 0.002796 -0.204 0.839

L3.Temp. prom aire -0.000752 0.000386 -1.950 0.051

L4.Conduct 0.009973 0.066476 0.150 0.881

L4.Water 0.660688 0.344149 1.920 0.055

L4.Temp -4.522744 0.286817 -15.769 0.000

L4.Precip. horaria 0.001755 0.002803 0.626 0.531

L4.Temp. prom aire -0.000451 0.000387 -1.165 0.244

L5.Conduct -0.031316 0.041054 -0.763 0.446

L5.Water -0.299544 0.189752 -1.579 0.114

L5.Temp 1.929489 0.166810 11.567 0.000

L5.Precip. horaria -0.000887 0.002810 -0.316 0.752

L5.Temp. prom aire -0.000250 0.000390 -0.643 0.520

L6.Conduct 0.012383 0.011229 1.103 0.270

L6.Water 0.060672 0.046628 1.301 0.193

L6.Temp -0.392463 0.043359 -9.052 0.000

L6.Precip. horaria 0.001695 0.002739 0.619 0.536

L6.Temp. prom aire 0.000966 0.000361 2.677 0.007

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.068421 0.104459 -0.655 0.512

L1.Conduct 0.036349 0.205300 0.177 0.859

L1.Water -0.850581 0.957803 -0.888 0.375

L1.Temp -0.847800 0.733552 -1.156 0.248

L1.Precip. horaria 0.190985 0.047320 4.036 0.000

L1.Temp. prom aire 0.003859 0.006184 0.624 0.533

L2.Conduct -0.038944 0.719395 -0.054 0.957

L2.Water 2.152793 3.665431 0.587 0.557

L2.Temp 2.006986 2.831366 0.709 0.478

L2.Precip. horaria -0.054537 0.047958 -1.137 0.255

L2.Temp. prom aire 0.004171 0.006596 0.632 0.527

L3.Conduct 0.040120 1.139480 0.035 0.972

L3.Water -1.163040 6.145865 -0.189 0.850

L3.Temp -1.652216 4.889230 -0.338 0.735

L3.Precip. horaria 0.208200 0.047765 4.359 0.000

L3.Temp. prom aire -0.003432 0.006593 -0.520 0.603

L4.Conduct -0.222942 1.135776 -0.196 0.844

L4.Water -0.661756 5.879963 -0.113 0.910

L4.Temp 0.782243 4.900412 0.160 0.873

L4.Precip. horaria -0.109685 0.047891 -2.290 0.022

L4.Temp. prom aire -0.007783 0.006609 -1.178 0.239

L5.Conduct 0.291698 0.701435 0.416 0.678

L5.Water 0.545031 3.242012 0.168 0.866

L5.Temp -0.548846 2.850030 -0.193 0.847

L5.Precip. horaria 0.072569 0.048008 1.512 0.131

L5.Temp. prom aire 0.000143 0.006656 0.021 0.983

L6.Conduct -0.106294 0.191860 -0.554 0.580

L6.Water -0.015260 0.796662 -0.019 0.985

L6.Temp 0.264845 0.740802 0.358 0.721

L6.Precip. horaria -0.102781 0.046800 -2.196 0.028

L6.Temp. prom aire -0.003233 0.006163 -0.525 0.600

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.753393 0.798186 2.197 0.028

L1.Conduct 3.080050 1.568733 1.963 0.050

L1.Water -7.652608 7.318729 -1.046 0.296

L1.Temp 4.414376 5.605185 0.788 0.431

L1.Precip. horaria 0.195814 0.361582 0.542 0.588

L1.Temp. prom aire 0.403557 0.047254 8.540 0.000

L2.Conduct -11.361109 5.497014 -2.067 0.039

L2.Water 26.652534 28.008144 0.952 0.341

L2.Temp -20.991280 21.634917 -0.970 0.332

L2.Precip. horaria -0.355067 0.366458 -0.969 0.333

L2.Temp. prom aire 0.006260 0.050404 0.124 0.901

L3.Conduct 18.298296 8.706947 2.102 0.036

L3.Water -37.017004 46.961534 -0.788 0.431

L3.Temp 53.426057 37.359387 1.430 0.153

L3.Precip. horaria -0.100260 0.364978 -0.275 0.784

L3.Temp. prom aire 0.033267 0.050379 0.660 0.509

L4.Conduct -16.010996 8.678646 -1.845 0.065

L4.Water 25.360173 44.929735 0.564 0.572

L4.Temp -65.008304 37.444828 -1.736 0.083

L4.Precip. horaria 0.319940 0.365943 0.874 0.382

L4.Temp. prom aire 0.056658 0.050500 1.122 0.262

L5.Conduct 7.356925 5.359775 1.373 0.170

L5.Water -8.226876 24.772734 -0.332 0.740

L5.Temp 34.632766 21.777534 1.590 0.112

L5.Precip. horaria -0.298565 0.366834 -0.814 0.416

L5.Temp. prom aire -0.024284 0.050859 -0.477 0.633

L6.Conduct -1.342081 1.466029 -0.915 0.360

L6.Water 0.873524 6.087423 0.143 0.886

L6.Temp -6.202545 5.660587 -1.096 0.273

L6.Precip. horaria -0.154119 0.357608 -0.431 0.666

L6.Temp. prom aire -0.006402 0.047090 -0.136 0.892

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.601773 0.071989 -0.010562 -0.002109

Water 0.601773 1.000000 0.103051 -0.121747 -0.070833

Temp 0.071989 0.103051 1.000000 -0.017043 -0.067461

Precip. horaria -0.010562 -0.121747 -0.017043 1.000000 0.108330

Temp. prom aire -0.002109 -0.070833 -0.067461 0.108330 1.000000

* Lag 12:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -25.0159

Nobs: 476.000 HQIC: -26.6354

Log likelihood: 3516.94 FPE: 9.54259e-13

AIC: -27.6849 Det(Omega\_mle): 5.22191e-13

--------------------------------------------------------------------

Results for equation Conduct

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.051702 0.023105 2.238 0.025

L1.Conduct 4.250838 0.069848 60.858 0.000

L1.Water -0.199700 0.201562 -0.991 0.322

L1.Temp -0.463795 0.127228 -3.645 0.000

L1.Precip. horaria -0.007709 0.006418 -1.201 0.230

L1.Temp. prom aire 0.000001 0.000806 0.001 0.999

L2.Conduct -7.658704 0.278006 -27.549 0.000

L2.Water 0.428551 0.807843 0.530 0.596

L2.Temp 1.734146 0.518052 3.347 0.001

L2.Precip. horaria -0.005743 0.006462 -0.889 0.374

L2.Temp. prom aire 0.000258 0.000869 0.297 0.767

L3.Conduct 7.499966 0.478368 15.678 0.000

L3.Water 0.484986 1.460090 0.332 0.740

L3.Temp -2.595691 0.978652 -2.652 0.008

L3.Precip. horaria -0.006471 0.006464 -1.001 0.317

L3.Temp. prom aire -0.001584 0.000871 -1.819 0.069

L4.Conduct -4.107795 0.477057 -8.611 0.000

L4.Water -2.685047 1.715466 -1.565 0.118

L4.Temp 1.876163 1.220154 1.538 0.124

L4.Precip. horaria -0.011097 0.006569 -1.689 0.091

L4.Temp. prom aire 0.001067 0.000879 1.213 0.225

L5.Conduct 1.135788 0.352872 3.219 0.001

L5.Water 3.729257 1.733621 2.151 0.031

L5.Temp -0.548106 1.272631 -0.431 0.667

L5.Precip. horaria 0.004295 0.006637 0.647 0.518

L5.Temp. prom aire -0.000779 0.000880 -0.885 0.376

L6.Conduct -0.434643 0.297225 -1.462 0.144

L6.Water -1.370508 1.749454 -0.783 0.433

L6.Temp -0.068494 1.312524 -0.052 0.958

L6.Precip. horaria 0.015434 0.006583 2.344 0.019

L6.Temp. prom aire 0.001123 0.000872 1.288 0.198

L7.Conduct 0.573717 0.296290 1.936 0.053

L7.Water -3.273293 1.743475 -1.877 0.060

L7.Temp 0.386710 1.403666 0.276 0.783

L7.Precip. horaria 0.006375 0.006612 0.964 0.335

L7.Temp. prom aire -0.000053 0.000872 -0.060 0.952

L8.Conduct -0.117423 0.300084 -0.391 0.696

L8.Water 6.804121 1.683149 4.042 0.000

L8.Temp -1.361364 1.499834 -0.908 0.364

L8.Precip. horaria -0.013206 0.006613 -1.997 0.046

L8.Temp. prom aire -0.000881 0.000881 -1.000 0.317

L9.Conduct -0.140410 0.299300 -0.469 0.639

L9.Water -7.220201 1.513271 -4.771 0.000

L9.Temp 2.304824 1.458025 1.581 0.114

L9.Precip. horaria -0.006783 0.006618 -1.025 0.305

L9.Temp. prom aire -0.000596 0.000885 -0.674 0.500

L10.Conduct -0.321851 0.270101 -1.192 0.233

L10.Water 5.176577 1.137998 4.549 0.000

L10.Temp -1.906243 1.124159 -1.696 0.090

L10.Precip. horaria 0.003423 0.006495 0.527 0.598

L10.Temp. prom aire 0.000591 0.000886 0.667 0.505

L11.Conduct 0.497284 0.161503 3.079 0.002

L11.Water -2.405926 0.582579 -4.130 0.000

L11.Temp 0.737598 0.568311 1.298 0.194

L11.Precip. horaria 0.003687 0.006575 0.561 0.575

L11.Temp. prom aire 0.000017 0.000880 0.020 0.984

L12.Conduct -0.176968 0.042461 -4.168 0.000

L12.Water 0.530451 0.139818 3.794 0.000

L12.Temp -0.096558 0.134572 -0.718 0.473

L12.Precip. horaria -0.003934 0.006435 -0.611 0.541

L12.Temp. prom aire -0.000026 0.000816 -0.032 0.974

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.010788 0.008535 1.264 0.206

L1.Conduct 0.041559 0.025802 1.611 0.107

L1.Water 4.043494 0.074457 54.306 0.000

L1.Temp -0.027057 0.046998 -0.576 0.565

L1.Precip. horaria -0.002663 0.002371 -1.123 0.261

L1.Temp. prom aire -0.000049 0.000298 -0.165 0.869

L2.Conduct -0.134410 0.102696 -1.309 0.191

L2.Water -7.091567 0.298418 -23.764 0.000

L2.Temp 0.051464 0.191369 0.269 0.788

L2.Precip. horaria -0.001686 0.002387 -0.706 0.480

L2.Temp. prom aire 0.000186 0.000321 0.581 0.562

L3.Conduct 0.120650 0.176709 0.683 0.495

L3.Water 7.395350 0.539358 13.711 0.000

L3.Temp 0.076326 0.361515 0.211 0.833

L3.Precip. horaria -0.002819 0.002388 -1.180 0.238

L3.Temp. prom aire -0.000564 0.000322 -1.754 0.079

L4.Conduct 0.061531 0.176225 0.349 0.727

L4.Water -5.509721 0.633694 -8.695 0.000

L4.Temp -0.347958 0.450725 -0.772 0.440

L4.Precip. horaria -0.003223 0.002427 -1.328 0.184

L4.Temp. prom aire 0.000404 0.000325 1.244 0.214

L5.Conduct -0.122683 0.130351 -0.941 0.347

L5.Water 3.171848 0.640400 4.953 0.000

L5.Temp 0.447929 0.470111 0.953 0.341

L5.Precip. horaria 0.001601 0.002452 0.653 0.514

L5.Temp. prom aire -0.000227 0.000325 -0.697 0.486

L6.Conduct -0.111433 0.109795 -1.015 0.310

L6.Water -0.787442 0.646249 -1.218 0.223

L6.Temp -0.288568 0.484847 -0.595 0.552

L6.Precip. horaria 0.005830 0.002432 2.397 0.017

L6.Temp. prom aire 0.000386 0.000322 1.199 0.231

L7.Conduct 0.310541 0.109450 2.837 0.005

L7.Water -1.595519 0.644040 -2.477 0.013

L7.Temp 0.329005 0.518515 0.635 0.526

L7.Precip. horaria 0.000878 0.002442 0.360 0.719

L7.Temp. prom aire -0.000156 0.000322 -0.485 0.628

L8.Conduct -0.224554 0.110851 -2.026 0.043

L8.Water 3.295463 0.621756 5.300 0.000

L8.Temp -0.785598 0.554039 -1.418 0.156

L8.Precip. horaria -0.007885 0.002443 -3.228 0.001

L8.Temp. prom aire -0.000131 0.000325 -0.403 0.687

L9.Conduct 0.095870 0.110562 0.867 0.386

L9.Water -3.413769 0.559003 -6.107 0.000

L9.Temp 1.066439 0.538595 1.980 0.048

L9.Precip. horaria -0.000498 0.002445 -0.204 0.839

L9.Temp. prom aire -0.000275 0.000327 -0.841 0.401

L10.Conduct -0.095350 0.099775 -0.956 0.339

L10.Water 2.110381 0.420377 5.020 0.000

L10.Temp -0.737925 0.415265 -1.777 0.076

L10.Precip. horaria 0.004742 0.002399 1.977 0.048

L10.Temp. prom aire 0.000272 0.000327 0.832 0.405

L11.Conduct 0.084994 0.059659 1.425 0.154

L11.Water -0.724158 0.215205 -3.365 0.001

L11.Temp 0.238280 0.209934 1.135 0.256

L11.Precip. horaria -0.000469 0.002429 -0.193 0.847

L11.Temp. prom aire -0.000169 0.000325 -0.519 0.604

L12.Conduct -0.026608 0.015685 -1.696 0.090

L12.Water 0.105096 0.051649 2.035 0.042

L12.Temp -0.022411 0.049711 -0.451 0.652

L12.Precip. horaria -0.002634 0.002377 -1.108 0.268

L12.Temp. prom aire 0.000068 0.000302 0.224 0.822

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.007077 0.008877 0.797 0.425

L1.Conduct -0.091935 0.026834 -3.426 0.001

L1.Water 0.180899 0.077436 2.336 0.019

L1.Temp 3.972319 0.048878 81.270 0.000

L1.Precip. horaria -0.003117 0.002466 -1.264 0.206

L1.Temp. prom aire 0.000308 0.000310 0.993 0.321

L2.Conduct 0.371716 0.106804 3.480 0.001

L2.Water -0.831288 0.310355 -2.679 0.007

L2.Temp -6.774160 0.199024 -34.037 0.000

L2.Precip. horaria -0.002177 0.002483 -0.877 0.381

L2.Temp. prom aire -0.000530 0.000334 -1.586 0.113

L3.Conduct -0.636536 0.183778 -3.464 0.001

L3.Water 1.632026 0.560933 2.909 0.004

L3.Temp 6.534154 0.375976 17.379 0.000

L3.Precip. horaria -0.000554 0.002483 -0.223 0.824

L3.Temp. prom aire -0.000831 0.000335 -2.484 0.013

L4.Conduct 0.577362 0.183274 3.150 0.002

L4.Water -1.763396 0.659043 -2.676 0.007

L4.Temp -3.848732 0.468755 -8.211 0.000

L4.Precip. horaria 0.003088 0.002524 1.224 0.221

L4.Temp. prom aire -0.000229 0.000338 -0.678 0.498

L5.Conduct -0.208209 0.135565 -1.536 0.125

L5.Water 0.987542 0.666017 1.483 0.138

L5.Temp 1.189595 0.488916 2.433 0.015

L5.Precip. horaria -0.002434 0.002550 -0.955 0.340

L5.Temp. prom aire -0.000200 0.000338 -0.592 0.554

L6.Conduct -0.153470 0.114187 -1.344 0.179

L6.Water -0.020768 0.672100 -0.031 0.975

L6.Temp 0.454323 0.504242 0.901 0.368

L6.Precip. horaria 0.000271 0.002529 0.107 0.915

L6.Temp. prom aire 0.000418 0.000335 1.248 0.212

L7.Conduct 0.240915 0.113828 2.116 0.034

L7.Water -0.284687 0.669803 -0.425 0.671

L7.Temp -1.879219 0.539256 -3.485 0.000

L7.Precip. horaria 0.000543 0.002540 0.214 0.831

L7.Temp. prom aire 0.000630 0.000335 1.881 0.060

L8.Conduct -0.131610 0.115285 -1.142 0.254

L8.Water -0.058477 0.646627 -0.090 0.928

L8.Temp 3.270393 0.576202 5.676 0.000

L8.Precip. horaria -0.001572 0.002540 -0.619 0.536

L8.Temp. prom aire -0.000878 0.000338 -2.593 0.010

L9.Conduct 0.076242 0.114984 0.663 0.507

L9.Water 0.271617 0.581364 0.467 0.640

L9.Temp -3.381163 0.560140 -6.036 0.000

L9.Precip. horaria -0.002066 0.002542 -0.813 0.416

L9.Temp. prom aire -0.000423 0.000340 -1.244 0.213

L10.Conduct -0.096834 0.103767 -0.933 0.351

L10.Water -0.036684 0.437193 -0.084 0.933

L10.Temp 2.056091 0.431876 4.761 0.000

L10.Precip. horaria 0.001258 0.002495 0.504 0.614

L10.Temp. prom aire 0.000204 0.000340 0.599 0.549

L11.Conduct 0.073068 0.062046 1.178 0.239

L11.Water -0.156140 0.223813 -0.698 0.485

L11.Temp -0.698912 0.218332 -3.201 0.001

L11.Precip. horaria -0.001258 0.002526 -0.498 0.618

L11.Temp. prom aire 0.000056 0.000338 0.165 0.869

L12.Conduct -0.020421 0.016312 -1.252 0.211

L12.Water 0.078765 0.053715 1.466 0.143

L12.Temp 0.106248 0.051699 2.055 0.040

L12.Precip. horaria 0.001996 0.002472 0.807 0.419

L12.Temp. prom aire -0.000381 0.000314 -1.214 0.225

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.200411 0.176499 -1.135 0.256

L1.Conduct -0.046871 0.533559 -0.088 0.930

L1.Water -0.088290 1.539707 -0.057 0.954

L1.Temp -0.436650 0.971874 -0.449 0.653

L1.Precip. horaria 0.133210 0.049029 2.717 0.007

L1.Temp. prom aire 0.005543 0.006158 0.900 0.368

L2.Conduct 0.073409 2.123650 0.035 0.972

L2.Water 0.960472 6.171002 0.156 0.876

L2.Temp 0.084987 3.957326 0.021 0.983

L2.Precip. horaria -0.063297 0.049366 -1.282 0.200

L2.Temp. prom aire 0.003422 0.006641 0.515 0.606

L3.Conduct 0.897521 3.654183 0.246 0.806

L3.Water -5.825716 11.153423 -0.522 0.601

L3.Temp 1.509052 7.475788 0.202 0.840

L3.Precip. horaria 0.235955 0.049377 4.779 0.000

L3.Temp. prom aire -0.006703 0.006653 -1.008 0.314

L4.Conduct -1.694051 3.644176 -0.465 0.642

L4.Water 14.046728 13.104208 1.072 0.284

L4.Temp -0.632134 9.320587 -0.068 0.946

L4.Precip. horaria -0.119138 0.050181 -2.374 0.018

L4.Temp. prom aire -0.009015 0.006716 -1.342 0.179

L5.Conduct 0.058393 2.695542 0.022 0.983

L5.Water -15.935642 13.242891 -1.203 0.229

L5.Temp -3.361913 9.721455 -0.346 0.729

L5.Precip. horaria 0.098386 0.050702 1.940 0.052

L5.Temp. prom aire 0.000192 0.006725 0.029 0.977

L6.Conduct 1.181527 2.270464 0.520 0.603

L6.Water 10.240371 13.363838 0.766 0.444

L6.Temp 6.986206 10.026189 0.697 0.486

L6.Precip. horaria -0.134507 0.050290 -2.675 0.007

L6.Temp. prom aire -0.004795 0.006661 -0.720 0.472

L7.Conduct 0.244358 2.263319 0.108 0.914

L7.Water -8.612523 13.318162 -0.647 0.518

L7.Temp -8.434833 10.722407 -0.787 0.431

L7.Precip. horaria 0.075215 0.050505 1.489 0.136

L7.Temp. prom aire 0.007791 0.006662 1.170 0.242

L8.Conduct -1.260358 2.292302 -0.550 0.582

L8.Water 12.947929 12.857345 1.007 0.314

L8.Temp 8.246910 11.457025 0.720 0.472

L8.Precip. horaria -0.005449 0.050514 -0.108 0.914

L8.Temp. prom aire -0.001422 0.006730 -0.211 0.833

L9.Conduct 0.061201 2.286315 0.027 0.979

L9.Water -14.212959 11.559669 -1.230 0.219

L9.Temp -7.411988 11.137651 -0.665 0.506

L9.Precip. horaria 0.156752 0.050551 3.101 0.002

L9.Temp. prom aire 0.005197 0.006758 0.769 0.442

L10.Conduct 1.431427 2.063265 0.694 0.488

L10.Water 9.683472 8.693012 1.114 0.265

L10.Temp 5.392857 8.587294 0.628 0.530

L10.Precip. horaria -0.091298 0.049615 -1.840 0.066

L10.Temp. prom aire -0.002780 0.006764 -0.411 0.681

L11.Conduct -1.369903 1.233697 -1.110 0.267

L11.Water -3.978751 4.450239 -0.894 0.371

L11.Temp -2.437868 4.341248 -0.562 0.574

L11.Precip. horaria -0.088251 0.050222 -1.757 0.079

L11.Temp. prom aire -0.006454 0.006725 -0.960 0.337

L12.Conduct 0.426786 0.324350 1.316 0.188

L12.Water 0.776725 1.068052 0.727 0.467

L12.Temp 0.505997 1.027975 0.492 0.623

L12.Precip. horaria -0.030534 0.049155 -0.621 0.534

L12.Temp. prom aire -0.001381 0.006235 -0.222 0.825

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 4.216816 1.404345 3.003 0.003

L1.Conduct 2.184464 4.245359 0.515 0.607

L1.Water -21.364603 12.250956 -1.744 0.081

L1.Temp 5.462714 7.732894 0.706 0.480

L1.Precip. horaria -0.058672 0.390110 -0.150 0.880

L1.Temp. prom aire 0.406111 0.048994 8.289 0.000

L2.Conduct -8.877313 16.897212 -0.525 0.599

L2.Water 101.215844 49.100705 2.061 0.039

L2.Temp -24.497146 31.487192 -0.778 0.437

L2.Precip. horaria -0.535671 0.392790 -1.364 0.173

L2.Temp. prom aire 0.029834 0.052836 0.565 0.572

L3.Conduct 12.759455 29.075179 0.439 0.661

L3.Water -212.098112 88.744248 -2.390 0.017

L3.Temp 54.088370 59.482473 0.909 0.363

L3.Precip. horaria -0.018799 0.392874 -0.048 0.962

L3.Temp. prom aire 0.028674 0.052935 0.542 0.588

L4.Conduct -3.007426 28.995550 -0.104 0.917

L4.Water 258.078944 104.266025 2.475 0.013

L4.Temp -51.085200 74.160955 -0.689 0.491

L4.Precip. horaria 0.480144 0.399271 1.203 0.229

L4.Temp. prom aire 0.015059 0.053434 0.282 0.778

L5.Conduct -6.098172 21.447576 -0.284 0.776

L5.Water -220.074231 105.369480 -2.089 0.037

L5.Temp 6.454407 77.350531 0.083 0.933

L5.Precip. horaria -0.290110 0.403416 -0.719 0.472

L5.Temp. prom aire -0.024128 0.053506 -0.451 0.652

L6.Conduct -2.542835 18.065361 -0.141 0.888

L6.Water 164.441861 106.331817 1.546 0.122

L6.Temp 8.400201 79.775203 0.105 0.916

L6.Precip. horaria -0.256529 0.400143 -0.641 0.521

L6.Temp. prom aire -0.051651 0.052997 -0.975 0.330

L7.Conduct 6.883546 18.008513 0.382 0.702

L7.Water -99.046369 105.968389 -0.935 0.350

L7.Temp 22.590724 85.314789 0.265 0.791

L7.Precip. horaria -0.247444 0.401856 -0.616 0.538

L7.Temp. prom aire 0.136789 0.053006 2.581 0.010

L8.Conduct 7.313945 18.239122 0.401 0.688

L8.Water 11.356169 102.301816 0.111 0.912

L8.Temp -34.062075 91.159917 -0.374 0.709

L8.Precip. horaria 0.038258 0.401923 0.095 0.924

L8.Temp. prom aire -0.021925 0.053549 -0.409 0.682

L9.Conduct -18.283748 18.191480 -1.005 0.315

L9.Water 53.719045 91.976622 0.584 0.559

L9.Temp -3.563565 88.618753 -0.040 0.968

L9.Precip. horaria 0.433131 0.402221 1.077 0.282

L9.Temp. prom aire -0.075451 0.053767 -1.403 0.161

L10.Conduct 15.844591 16.416747 0.965 0.334

L10.Water -65.554689 69.167537 -0.948 0.343

L10.Temp 46.628259 68.326372 0.682 0.495

L10.Precip. horaria 0.383089 0.394773 0.970 0.332

L10.Temp. prom aire -0.029217 0.053821 -0.543 0.587

L11.Conduct -8.023216 9.816134 -0.817 0.414

L11.Water 39.386792 35.409141 1.112 0.266

L11.Temp -44.559671 34.541930 -1.290 0.197

L11.Precip. horaria 0.272841 0.399603 0.683 0.495

L11.Temp. prom aire -0.001540 0.053509 -0.029 0.977

L12.Conduct 1.857091 2.580754 0.720 0.472

L12.Water -10.119004 8.498154 -1.191 0.234

L12.Temp 14.386615 8.179272 1.759 0.079

L12.Precip. horaria -0.247552 0.391109 -0.633 0.527

L12.Temp. prom aire 0.012579 0.049608 0.254 0.800

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.802016 0.235603 -0.011806 -0.003308

Water 0.802016 1.000000 0.084754 -0.043413 -0.007035

Temp 0.235603 0.084754 1.000000 0.009357 -0.012843

Precip. horaria -0.011806 -0.043413 0.009357 1.000000 0.082624

Temp. prom aire -0.003308 -0.007035 -0.012843 0.082624 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.7662

Nobs: 476.000 HQIC: -25.3857

Log likelihood: 3219.51 FPE: 3.32968e-12

AIC: -26.4352 Det(Omega\_mle): 1.82207e-12

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.048637 0.021920 2.219 0.026

L1.Conduct 4.220625 0.083816 50.356 0.000

L1.Water -0.252261 0.254309 -0.992 0.321

L1.Temp -0.354393 0.085050 -4.167 0.000

L1.Precip. horaria -0.004515 0.007504 -0.602 0.547

L1.Temp. prom aire 0.000365 0.000930 0.392 0.695

L2.Conduct -7.661551 0.359578 -21.307 0.000

L2.Water 1.044051 1.092360 0.956 0.339

L2.Temp 1.356784 0.307446 4.413 0.000

L2.Precip. horaria -0.011529 0.007515 -1.534 0.125

L2.Temp. prom aire 0.000789 0.000997 0.792 0.429

L3.Conduct 7.967944 0.715403 11.138 0.000

L3.Water -2.238180 2.189964 -1.022 0.307

L3.Temp -2.116584 0.508551 -4.162 0.000

L3.Precip. horaria -0.015034 0.007509 -2.002 0.045

L3.Temp. prom aire -0.001677 0.000996 -1.683 0.092

L4.Conduct -5.450526 0.939607 -5.801 0.000

L4.Water 3.271160 2.902929 1.127 0.260

L4.Temp 1.453331 0.571416 2.543 0.011

L4.Precip. horaria -0.005771 0.007641 -0.755 0.450

L4.Temp. prom aire 0.000410 0.000996 0.411 0.681

L5.Conduct 2.879172 1.019353 2.825 0.005

L5.Water -3.541477 3.151694 -1.124 0.261

L5.Temp -0.013205 0.573447 -0.023 0.982

L5.Precip. horaria 0.015642 0.007669 2.040 0.041

L5.Temp. prom aire 0.001412 0.000996 1.417 0.156

L6.Conduct -1.452828 1.032424 -1.407 0.159

L6.Water 3.438459 3.217210 1.069 0.285

L6.Temp -0.572231 0.591743 -0.967 0.334

L6.Precip. horaria 0.010089 0.007552 1.336 0.182

L6.Temp. prom aire -0.000387 0.000990 -0.391 0.696

L7.Conduct 0.346369 0.993408 0.349 0.727

L7.Water -4.177651 3.166924 -1.319 0.187

L7.Temp 0.301623 0.684743 0.440 0.660

L7.Precip. horaria 0.003800 0.007591 0.501 0.617

L7.Temp. prom aire 0.000193 0.000990 0.195 0.845

L8.Conduct 0.761524 0.921138 0.827 0.408

L8.Water 6.016889 2.983726 2.017 0.044

L8.Temp -0.410563 0.862039 -0.476 0.634

L8.Precip. horaria -0.014330 0.007597 -1.886 0.059

L8.Temp. prom aire -0.001202 0.000999 -1.203 0.229

L9.Conduct -0.893295 0.806088 -1.108 0.268

L9.Water -7.309436 2.601491 -2.810 0.005

L9.Temp 1.006673 0.963759 1.045 0.296

L9.Precip. horaria -0.008770 0.007590 -1.155 0.248

L9.Temp. prom aire -0.000158 0.001002 -0.157 0.875

L10.Conduct 0.161329 0.590645 0.273 0.785

L10.Water 6.032958 1.876585 3.215 0.001

L10.Temp -1.118091 0.816933 -1.369 0.171

L10.Precip. horaria 0.006624 0.007524 0.880 0.379

L10.Temp. prom aire 0.000596 0.001009 0.591 0.554

L11.Conduct 0.207047 0.292622 0.708 0.479

L11.Water -2.883143 0.914817 -3.152 0.002

L11.Temp 0.575998 0.445276 1.294 0.196

L11.Precip. horaria -0.004439 0.007591 -0.585 0.559

L11.Temp. prom aire 0.000529 0.001004 0.527 0.598

L12.Conduct -0.086087 0.067995 -1.266 0.205

L12.Water 0.597714 0.209935 2.847 0.004

L12.Temp -0.110834 0.112670 -0.984 0.325

L12.Precip. horaria 0.003120 0.007529 0.414 0.679

L12.Temp. prom aire -0.000387 0.000938 -0.413 0.680

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.013875 0.007361 1.885 0.059

L1.Conduct -0.010519 0.028146 -0.374 0.709

L1.Water 4.149463 0.085399 48.589 0.000

L1.Temp -0.137312 0.028561 -4.808 0.000

L1.Precip. horaria -0.001113 0.002520 -0.442 0.659

L1.Temp. prom aire -0.000199 0.000312 -0.637 0.524

L2.Conduct 0.055588 0.120749 0.460 0.645

L2.Water -7.435758 0.366824 -20.271 0.000

L2.Temp 0.545482 0.103243 5.283 0.000

L2.Precip. horaria -0.003928 0.002524 -1.556 0.120

L2.Temp. prom aire 0.000379 0.000335 1.132 0.258

L3.Conduct -0.096973 0.240239 -0.404 0.686

L3.Water 7.584579 0.735409 10.313 0.000

L3.Temp -0.905483 0.170776 -5.302 0.000

L3.Precip. horaria -0.006032 0.002522 -2.392 0.017

L3.Temp. prom aire -0.000515 0.000335 -1.539 0.124

L4.Conduct -0.005656 0.315528 -0.018 0.986

L4.Water -4.712504 0.974829 -4.834 0.000

L4.Temp 0.761379 0.191887 3.968 0.000

L4.Precip. horaria -0.000526 0.002566 -0.205 0.838

L4.Temp. prom aire 0.000001 0.000334 0.002 0.998

L5.Conduct 0.228261 0.342308 0.667 0.505

L5.Water 1.508760 1.058367 1.426 0.154

L5.Temp -0.282550 0.192569 -1.467 0.142

L5.Precip. horaria 0.003138 0.002575 1.218 0.223

L5.Temp. prom aire 0.000085 0.000335 0.253 0.801

L6.Conduct -0.236529 0.346697 -0.682 0.495

L6.Water 0.198084 1.080368 0.183 0.855

L6.Temp -0.020367 0.198712 -0.102 0.918

L6.Precip. horaria 0.006062 0.002536 2.390 0.017

L6.Temp. prom aire 0.000122 0.000332 0.367 0.714

L7.Conduct -0.098131 0.333595 -0.294 0.769

L7.Water -0.882235 1.063481 -0.830 0.407

L7.Temp 0.105585 0.229943 0.459 0.646

L7.Precip. horaria 0.001126 0.002549 0.442 0.659

L7.Temp. prom aire -0.000170 0.000332 -0.511 0.609

L8.Conduct 0.366549 0.309326 1.185 0.236

L8.Water 1.724485 1.001962 1.721 0.085

L8.Temp -0.278757 0.289480 -0.963 0.336

L8.Precip. horaria -0.009132 0.002551 -3.580 0.000

L8.Temp. prom aire -0.000188 0.000335 -0.559 0.576

L9.Conduct -0.250881 0.270691 -0.927 0.354

L9.Water -2.284945 0.873603 -2.616 0.009

L9.Temp 0.526791 0.323639 1.628 0.104

L9.Precip. horaria -0.001630 0.002549 -0.639 0.523

L9.Temp. prom aire -0.000244 0.000336 -0.726 0.468

L10.Conduct 0.005287 0.198344 0.027 0.979

L10.Water 1.707571 0.630174 2.710 0.007

L10.Temp -0.532399 0.274333 -1.941 0.052

L10.Precip. horaria 0.006251 0.002527 2.474 0.013

L10.Temp. prom aire 0.000164 0.000339 0.483 0.629

L11.Conduct 0.064008 0.098265 0.651 0.515

L11.Water -0.664583 0.307204 -2.163 0.031

L11.Temp 0.272614 0.149528 1.823 0.068

L11.Precip. horaria -0.004853 0.002549 -1.904 0.057

L11.Temp. prom aire 0.000222 0.000337 0.660 0.509

L12.Conduct -0.020965 0.022833 -0.918 0.359

L12.Water 0.106679 0.070498 1.513 0.130

L12.Temp -0.055062 0.037836 -1.455 0.146

L12.Precip. horaria 0.001968 0.002528 0.778 0.436

L12.Temp. prom aire -0.000119 0.000315 -0.377 0.706

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.006613 0.012491 -0.529 0.596

L1.Conduct 0.023040 0.047761 0.482 0.630

L1.Water -0.080378 0.144912 -0.555 0.579

L1.Temp 3.440477 0.048464 70.990 0.000

L1.Precip. horaria -0.003688 0.004276 -0.862 0.388

L1.Temp. prom aire 0.000506 0.000530 0.955 0.340

L2.Conduct -0.126486 0.204897 -0.617 0.537

L2.Water 0.351950 0.622455 0.565 0.572

L2.Temp -4.642848 0.175190 -26.502 0.000

L2.Precip. horaria 0.000669 0.004283 0.156 0.876

L2.Temp. prom aire 0.000284 0.000568 0.500 0.617

L3.Conduct 0.263892 0.407655 0.647 0.517

L3.Water -0.772661 1.247898 -0.619 0.536

L3.Temp 2.998487 0.289786 10.347 0.000

L3.Precip. horaria 0.002084 0.004279 0.487 0.626

L3.Temp. prom aire -0.001096 0.000568 -1.931 0.054

L4.Conduct -0.241626 0.535412 -0.451 0.652

L4.Water 1.016663 1.654164 0.615 0.539

L4.Temp -0.806733 0.325608 -2.478 0.013

L4.Precip. horaria 0.002400 0.004354 0.551 0.581

L4.Temp. prom aire -0.000752 0.000567 -1.326 0.185

L5.Conduct 0.064782 0.580854 0.112 0.911

L5.Water -0.803658 1.795917 -0.447 0.655

L5.Temp -0.021473 0.326765 -0.066 0.948

L5.Precip. horaria -0.003412 0.004370 -0.781 0.435

L5.Temp. prom aire -0.000264 0.000568 -0.466 0.641

L6.Conduct -0.016073 0.588302 -0.027 0.978

L6.Water 0.434764 1.833249 0.237 0.813

L6.Temp 0.189833 0.337190 0.563 0.573

L6.Precip. horaria -0.003987 0.004303 -0.926 0.354

L6.Temp. prom aire 0.000572 0.000564 1.013 0.311

L7.Conduct 0.186534 0.566069 0.330 0.742

L7.Water -0.466084 1.804595 -0.258 0.796

L7.Temp -1.063918 0.390184 -2.727 0.006

L7.Precip. horaria 0.002907 0.004326 0.672 0.502

L7.Temp. prom aire 0.001422 0.000564 2.520 0.012

L8.Conduct -0.339954 0.524888 -0.648 0.517

L8.Water 1.018473 1.700204 0.599 0.549

L8.Temp 2.220843 0.491212 4.521 0.000

L8.Precip. horaria 0.001381 0.004329 0.319 0.750

L8.Temp. prom aire -0.001057 0.000569 -1.857 0.063

L9.Conduct 0.311003 0.459330 0.677 0.498

L9.Water -1.643828 1.482396 -1.109 0.267

L9.Temp -1.949894 0.549175 -3.551 0.000

L9.Precip. horaria -0.002999 0.004325 -0.693 0.488

L9.Temp. prom aire -0.001203 0.000571 -2.107 0.035

L10.Conduct -0.175154 0.336565 -0.520 0.603

L10.Water 1.663223 1.069327 1.555 0.120

L10.Temp 0.577293 0.465509 1.240 0.215

L10.Precip. horaria 0.000012 0.004288 0.003 0.998

L10.Temp. prom aire -0.000383 0.000575 -0.666 0.505

L11.Conduct 0.059318 0.166743 0.356 0.722

L11.Water -0.957056 0.521286 -1.836 0.066

L11.Temp 0.168544 0.253730 0.664 0.507

L11.Precip. horaria -0.000649 0.004326 -0.150 0.881

L11.Temp. prom aire 0.000586 0.000572 1.025 0.306

L12.Conduct -0.009017 0.038745 -0.233 0.816

L12.Water 0.238820 0.119626 1.996 0.046

L12.Temp -0.109167 0.064202 -1.700 0.089

L12.Precip. horaria 0.001206 0.004290 0.281 0.779

L12.Temp. prom aire -0.001045 0.000534 -1.956 0.051

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.336886 0.143082 -2.354 0.019

L1.Conduct 1.266117 0.547101 2.314 0.021

L1.Water -5.291461 1.659978 -3.188 0.001

L1.Temp 0.202753 0.555158 0.365 0.715

L1.Precip. horaria 0.139487 0.048981 2.848 0.004

L1.Temp. prom aire 0.001980 0.006071 0.326 0.744

L2.Conduct -6.101367 2.347106 -2.600 0.009

L2.Water 24.818474 7.130265 3.481 0.001

L2.Temp -1.521848 2.006818 -0.758 0.448

L2.Precip. horaria -0.052900 0.049056 -1.078 0.281

L2.Temp. prom aire 0.003530 0.006509 0.542 0.588

L3.Conduct 14.207347 4.669716 3.042 0.002

L3.Water -56.296109 14.294760 -3.938 0.000

L3.Temp 3.874405 3.319515 1.167 0.243

L3.Precip. horaria 0.215852 0.049013 4.404 0.000

L3.Temp. prom aire -0.002306 0.006503 -0.355 0.723

L4.Conduct -19.942088 6.133187 -3.252 0.001

L4.Water 80.033211 18.948561 4.224 0.000

L4.Temp -4.913730 3.729859 -1.317 0.188

L4.Precip. horaria -0.123934 0.049878 -2.485 0.013

L4.Temp. prom aire -0.009046 0.006499 -1.392 0.164

L5.Conduct 17.568962 6.653720 2.640 0.008

L5.Water -72.099982 20.572352 -3.505 0.000

L5.Temp 3.463302 3.743114 0.925 0.355

L5.Precip. horaria 0.109215 0.050057 2.182 0.029

L5.Temp. prom aire -0.003004 0.006503 -0.462 0.644

L6.Conduct -9.646172 6.739039 -1.431 0.152

L6.Water 36.679416 21.000000 1.747 0.081

L6.Temp -1.270960 3.862537 -0.329 0.742

L6.Precip. horaria -0.162678 0.049296 -3.300 0.001

L6.Temp. prom aire -0.005144 0.006463 -0.796 0.426

L7.Conduct 4.050370 6.484362 0.625 0.532

L7.Water -8.653759 20.671759 -0.419 0.675

L7.Temp -0.672448 4.469585 -0.150 0.880

L7.Precip. horaria 0.088975 0.049550 1.796 0.073

L7.Temp. prom aire 0.009366 0.006463 1.449 0.147

L8.Conduct -4.629489 6.012630 -0.770 0.441

L8.Water 6.488458 19.475959 0.333 0.739

L8.Temp 3.379125 5.626869 0.601 0.548

L8.Precip. horaria -0.004664 0.049588 -0.094 0.925

L8.Temp. prom aire -0.001045 0.006519 -0.160 0.873

L9.Conduct 7.354871 5.261652 1.398 0.162

L9.Water -13.737286 16.980954 -0.809 0.419

L9.Temp -5.532600 6.290837 -0.879 0.379

L9.Precip. horaria 0.143081 0.049545 2.888 0.004

L9.Temp. prom aire 0.006326 0.006541 0.967 0.333

L10.Conduct -6.453682 3.855372 -1.674 0.094

L10.Water 12.466862 12.249210 1.018 0.309

L10.Temp 4.644194 5.332442 0.871 0.384

L10.Precip. horaria -0.053744 0.049114 -1.094 0.274

L10.Temp. prom aire -0.006577 0.006585 -0.999 0.318

L11.Conduct 2.818323 1.910058 1.476 0.140

L11.Water -5.249367 5.971371 -0.879 0.379

L11.Temp -2.100514 2.906492 -0.723 0.470

L11.Precip. horaria -0.076789 0.049551 -1.550 0.121

L11.Temp. prom aire -0.009064 0.006555 -1.383 0.167

L12.Conduct -0.491345 0.443829 -1.107 0.268

L12.Water 0.854765 1.370326 0.624 0.533

L12.Temp 0.462840 0.735440 0.629 0.529

L12.Precip. horaria -0.100657 0.049146 -2.048 0.041

L12.Temp. prom aire 0.001956 0.006122 0.319 0.749

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -0.113006 1.157191 -0.098 0.922

L1.Conduct 2.013565 4.424728 0.455 0.649

L1.Water -14.909754 13.425216 -1.111 0.267

L1.Temp 2.990821 4.489886 0.666 0.505

L1.Precip. horaria -0.153835 0.396141 -0.388 0.698

L1.Temp. prom aire 0.383499 0.049100 7.811 0.000

L2.Conduct -7.193199 18.982423 -0.379 0.705

L2.Water 66.068903 57.666637 1.146 0.252

L2.Temp -12.245925 16.230318 -0.755 0.451

L2.Precip. horaria -0.578119 0.396748 -1.457 0.145

L2.Temp. prom aire 0.033106 0.052646 0.629 0.529

L3.Conduct 12.820378 37.766729 0.339 0.734

L3.Water -134.841063 115.610113 -1.166 0.243

L3.Temp 31.681527 26.846864 1.180 0.238

L3.Precip. horaria -0.265259 0.396399 -0.669 0.503

L3.Temp. prom aire 0.030463 0.052596 0.579 0.562

L4.Conduct -15.068495 49.602683 -0.304 0.761

L4.Water 168.555121 153.248134 1.100 0.271

L4.Temp -32.509308 30.165558 -1.078 0.281

L4.Precip. horaria 0.332494 0.403391 0.824 0.410

L4.Temp. prom aire 0.025470 0.052561 0.485 0.628

L5.Conduct 13.682958 53.812536 0.254 0.799

L5.Water -142.434988 166.380680 -0.856 0.392

L5.Temp 2.471730 30.272763 0.082 0.935

L5.Precip. horaria -0.220458 0.404841 -0.545 0.586

L5.Temp. prom aire -0.039966 0.052590 -0.760 0.447

L6.Conduct -10.742267 54.502561 -0.197 0.844

L6.Water 86.540815 169.839317 0.510 0.610

L6.Temp -0.153536 31.238604 -0.005 0.996

L6.Precip. horaria -0.326591 0.398688 -0.819 0.413

L6.Temp. prom aire -0.041462 0.052270 -0.793 0.428

L7.Conduct 10.177223 52.442843 0.194 0.846

L7.Water -46.875348 167.184641 -0.280 0.779

L7.Temp 36.270104 36.148159 1.003 0.316

L7.Precip. horaria -0.363089 0.400743 -0.906 0.365

L7.Temp. prom aire 0.133976 0.052268 2.563 0.010

L8.Conduct -23.968621 48.627667 -0.493 0.622

L8.Water 52.031757 157.513503 0.330 0.741

L8.Temp -47.257506 45.507790 -1.038 0.299

L8.Precip. horaria 0.059814 0.401050 0.149 0.881

L8.Temp. prom aire -0.003511 0.052724 -0.067 0.947

L9.Conduct 46.885438 42.554067 1.102 0.271

L9.Water -85.209609 137.334936 -0.620 0.535

L9.Temp 15.564659 50.877692 0.306 0.760

L9.Precip. horaria 0.462956 0.400700 1.155 0.248

L9.Temp. prom aire -0.079512 0.052898 -1.503 0.133

L10.Conduct -48.129972 31.180658 -1.544 0.123

L10.Water 85.385711 99.066545 0.862 0.389

L10.Temp 17.867612 43.126585 0.414 0.679

L10.Precip. horaria 0.353387 0.397212 0.890 0.374

L10.Temp. prom aire -0.034132 0.053259 -0.641 0.522

L11.Conduct 24.631241 15.447760 1.594 0.111

L11.Water -42.536395 48.293979 -0.881 0.378

L11.Temp -22.566761 23.506504 -0.960 0.337

L11.Precip. horaria 0.308849 0.400748 0.771 0.441

L11.Temp. prom aire -0.029398 0.053014 -0.555 0.579

L12.Conduct -5.084725 3.589503 -1.417 0.157

L12.Water 8.266678 11.082629 0.746 0.456

L12.Temp 8.222384 5.947938 1.382 0.167

L12.Precip. horaria -0.226642 0.397473 -0.570 0.569

L12.Temp. prom aire 0.028655 0.049515 0.579 0.563

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.825925 0.008229 -0.091855 0.030243

Water 0.825925 1.000000 0.011854 -0.102218 0.031314

Temp 0.008229 0.011854 1.000000 0.008340 -0.064678

Precip. horaria -0.091855 -0.102218 0.008340 1.000000 0.045953

Temp. prom aire 0.030243 0.031314 -0.064678 0.045953 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -20.5923

Nobs: 476.000 HQIC: -22.2119

Log likelihood: 2464.13 FPE: 7.95782e-11

AIC: -23.2614 Det(Omega\_mle): 4.35469e-11

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.314254 0.093215 3.371 0.001

L1.Conduct 3.986365 0.057807 68.959 0.000

L1.Water 1.790527 0.576417 3.106 0.002

L1.Temp 1.554620 0.326208 4.766 0.000

L1.Precip. horaria -0.005125 0.024744 -0.207 0.836

L1.Temp. prom aire 0.001531 0.003139 0.488 0.626

L2.Conduct -6.717042 0.228014 -29.459 0.000

L2.Water -8.877465 2.554986 -3.475 0.001

L2.Temp -6.546829 1.188977 -5.506 0.000

L2.Precip. horaria -0.020083 0.024989 -0.804 0.422

L2.Temp. prom aire -0.001431 0.003370 -0.425 0.671

L3.Conduct 6.233262 0.392846 15.867 0.000

L3.Water 20.252371 5.355550 3.782 0.000

L3.Temp 11.746920 1.969437 5.965 0.000

L3.Precip. horaria -0.001760 0.025119 -0.070 0.944

L3.Temp. prom aire -0.008794 0.003366 -2.612 0.009

L4.Conduct -3.420742 0.393443 -8.694 0.000

L4.Water -27.665282 7.564859 -3.657 0.000

L4.Temp -12.402291 2.183496 -5.680 0.000

L4.Precip. horaria -0.021343 0.025750 -0.829 0.407

L4.Temp. prom aire 0.005019 0.003379 1.485 0.138

L5.Conduct 1.152135 0.282603 4.077 0.000

L5.Water 22.880934 8.766663 2.610 0.009

L5.Temp 9.907867 2.189980 4.524 0.000

L5.Precip. horaria -0.059197 0.025783 -2.296 0.022

L5.Temp. prom aire 0.003232 0.003391 0.953 0.341

L6.Conduct -0.584824 0.227522 -2.570 0.010

L6.Water -7.170475 9.363521 -0.766 0.444

L6.Temp -8.158872 2.294727 -3.555 0.000

L6.Precip. horaria 0.023966 0.025769 0.930 0.352

L6.Temp. prom aire -0.000284 0.003368 -0.084 0.933

L7.Conduct 0.637631 0.222724 2.863 0.004

L7.Water -8.338827 9.590676 -0.869 0.385

L7.Temp 7.532291 2.574836 2.925 0.003

L7.Precip. horaria 0.018691 0.026161 0.714 0.475

L7.Temp. prom aire 0.001230 0.003390 0.363 0.717

L8.Conduct -0.215786 0.220358 -0.979 0.327

L8.Water 13.848267 9.144343 1.514 0.130

L8.Temp -5.986346 3.104012 -1.929 0.054

L8.Precip. horaria -0.014221 0.026244 -0.542 0.588

L8.Temp. prom aire -0.003346 0.003416 -0.979 0.327

L9.Conduct -0.076324 0.219396 -0.348 0.728

L9.Water -9.938517 7.568001 -1.313 0.189

L9.Temp 2.793589 3.437601 0.813 0.416

L9.Precip. horaria -0.016697 0.026058 -0.641 0.522

L9.Temp. prom aire -0.001502 0.003399 -0.442 0.659

L10.Conduct -0.228798 0.207672 -1.102 0.271

L10.Water 3.909714 4.957024 0.789 0.430

L10.Temp 0.041368 2.922342 0.014 0.989

L10.Precip. horaria -0.034124 0.025527 -1.337 0.181

L10.Temp. prom aire 0.001500 0.003421 0.438 0.661

L11.Conduct 0.367760 0.131989 2.786 0.005

L11.Water -0.683207 2.202007 -0.310 0.756

L11.Temp -0.770671 1.593955 -0.483 0.629

L11.Precip. horaria -0.049170 0.025973 -1.893 0.058

L11.Temp. prom aire -0.000587 0.003385 -0.174 0.862

L12.Conduct -0.134707 0.036814 -3.659 0.000

L12.Water -0.009312 0.473882 -0.020 0.984

L12.Temp 0.283953 0.402529 0.705 0.481

L12.Precip. horaria 0.026041 0.025751 1.011 0.312

L12.Temp. prom aire -0.002893 0.003112 -0.930 0.353

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.017242 0.009196 1.875 0.061

L1.Conduct -0.009141 0.005703 -1.603 0.109

L1.Water 4.506451 0.056866 79.246 0.000

L1.Temp 0.102145 0.032182 3.174 0.002

L1.Precip. horaria -0.000625 0.002441 -0.256 0.798

L1.Temp. prom aire -0.000106 0.000310 -0.341 0.733

L2.Conduct 0.035623 0.022495 1.584 0.113

L2.Water -9.060372 0.252062 -35.945 0.000

L2.Temp -0.488950 0.117298 -4.168 0.000

L2.Precip. horaria -0.000353 0.002465 -0.143 0.886

L2.Temp. prom aire -0.000117 0.000332 -0.352 0.725

L3.Conduct -0.061784 0.038756 -1.594 0.111

L3.Water 11.074005 0.528351 20.960 0.000

L3.Temp 1.078186 0.194295 5.549 0.000

L3.Precip. horaria -0.007582 0.002478 -3.059 0.002

L3.Temp. prom aire 0.000012 0.000332 0.036 0.971

L4.Conduct 0.058772 0.038815 1.514 0.130

L4.Water -9.485911 0.746310 -12.710 0.000

L4.Temp -1.486252 0.215412 -6.900 0.000

L4.Precip. horaria -0.001236 0.002540 -0.487 0.627

L4.Temp. prom aire 0.000193 0.000333 0.579 0.563

L5.Conduct -0.024264 0.027880 -0.870 0.384

L5.Water 5.997326 0.864874 6.934 0.000

L5.Temp 1.450379 0.216052 6.713 0.000

L5.Precip. horaria -0.005658 0.002544 -2.224 0.026

L5.Temp. prom aire -0.000143 0.000335 -0.427 0.670

L6.Conduct -0.019669 0.022446 -0.876 0.381

L6.Water -2.532900 0.923757 -2.742 0.006

L6.Temp -1.129197 0.226386 -4.988 0.000

L6.Precip. horaria 0.008806 0.002542 3.464 0.001

L6.Temp. prom aire 0.000019 0.000332 0.057 0.954

L7.Conduct 0.053588 0.021973 2.439 0.015

L7.Water 0.039615 0.946167 0.042 0.967

L7.Temp 0.868843 0.254020 3.420 0.001

L7.Precip. horaria -0.000970 0.002581 -0.376 0.707

L7.Temp. prom aire 0.000125 0.000334 0.374 0.708

L8.Conduct -0.066079 0.021739 -3.040 0.002

L8.Water 1.305187 0.902134 1.447 0.148

L8.Temp -0.731854 0.306226 -2.390 0.017

L8.Precip. horaria -0.006488 0.002589 -2.506 0.012

L8.Temp. prom aire -0.000274 0.000337 -0.813 0.416

L9.Conduct 0.055191 0.021644 2.550 0.011

L9.Water -1.376305 0.746620 -1.843 0.065

L9.Temp 0.543074 0.339136 1.601 0.109

L9.Precip. horaria -0.001514 0.002571 -0.589 0.556

L9.Temp. prom aire 0.000234 0.000335 0.697 0.486

L10.Conduct -0.034052 0.020488 -1.662 0.097

L10.Water 0.604672 0.489034 1.236 0.216

L10.Temp -0.278233 0.288303 -0.965 0.335

L10.Precip. horaria 0.008824 0.002518 3.504 0.000

L10.Temp. prom aire 0.000093 0.000338 0.277 0.782

L11.Conduct 0.015342 0.013021 1.178 0.239

L11.Water -0.035494 0.217239 -0.163 0.870

L11.Temp 0.076326 0.157251 0.485 0.627

L11.Precip. horaria -0.005616 0.002562 -2.192 0.028

L11.Temp. prom aire -0.000042 0.000334 -0.125 0.901

L12.Conduct -0.003570 0.003632 -0.983 0.326

L12.Water -0.036495 0.046751 -0.781 0.435

L12.Temp -0.005065 0.039711 -0.128 0.899

L12.Precip. horaria 0.002887 0.002540 1.136 0.256

L12.Temp. prom aire 0.000342 0.000307 1.113 0.266

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.011404 0.015059 -0.757 0.449

L1.Conduct 0.023999 0.009339 2.570 0.010

L1.Water 0.030979 0.093122 0.333 0.739

L1.Temp 3.490301 0.052700 66.230 0.000

L1.Precip. horaria 0.001144 0.003997 0.286 0.775

L1.Temp. prom aire 0.000090 0.000507 0.177 0.859

L2.Conduct -0.095977 0.036836 -2.606 0.009

L2.Water -0.212027 0.412767 -0.514 0.607

L2.Temp -4.903540 0.192083 -25.528 0.000

L2.Precip. horaria 0.005705 0.004037 1.413 0.158

L2.Temp. prom aire -0.000029 0.000544 -0.054 0.957

L3.Conduct 0.153395 0.063466 2.417 0.016

L3.Water 0.553744 0.865207 0.640 0.522

L3.Temp 3.642742 0.318169 11.449 0.000

L3.Precip. horaria 0.003002 0.004058 0.740 0.459

L3.Temp. prom aire 0.000471 0.000544 0.866 0.387

L4.Conduct -0.135477 0.063562 -2.131 0.033

L4.Water -0.724216 1.222128 -0.593 0.553

L4.Temp -1.648779 0.352751 -4.674 0.000

L4.Precip. horaria 0.002994 0.004160 0.720 0.472

L4.Temp. prom aire -0.000972 0.000546 -1.780 0.075

L5.Conduct 0.093231 0.045655 2.042 0.041

L5.Water 0.485818 1.416284 0.343 0.732

L5.Temp 0.432893 0.353799 1.224 0.221

L5.Precip. horaria 0.001045 0.004165 0.251 0.802

L5.Temp. prom aire -0.000277 0.000548 -0.505 0.614

L6.Conduct -0.072226 0.036757 -1.965 0.049

L6.Water -0.028339 1.512708 -0.019 0.985

L6.Temp 0.548502 0.370721 1.480 0.139

L6.Precip. horaria 0.003373 0.004163 0.810 0.418

L6.Temp. prom aire 0.000891 0.000544 1.637 0.102

L7.Conduct 0.062979 0.035982 1.750 0.080

L7.Water -0.638575 1.549406 -0.412 0.680

L7.Temp -2.256589 0.415973 -5.425 0.000

L7.Precip. horaria 0.005124 0.004226 1.212 0.225

L7.Temp. prom aire 0.000723 0.000548 1.320 0.187

L8.Conduct -0.058558 0.035600 -1.645 0.100

L8.Water 1.673527 1.477299 1.133 0.257

L8.Temp 4.023631 0.501464 8.024 0.000

L8.Precip. horaria -0.000224 0.004240 -0.053 0.958

L8.Temp. prom aire -0.000094 0.000552 -0.170 0.865

L9.Conduct 0.034405 0.035444 0.971 0.332

L9.Water -2.418938 1.222636 -1.978 0.048

L9.Temp -3.880107 0.555356 -6.987 0.000

L9.Precip. horaria 0.001414 0.004210 0.336 0.737

L9.Temp. prom aire -0.001131 0.000549 -2.060 0.039

L10.Conduct 0.015177 0.033550 0.452 0.651

L10.Water 1.977192 0.800824 2.469 0.014

L10.Temp 2.016267 0.472114 4.271 0.000

L10.Precip. horaria 0.001149 0.004124 0.279 0.781

L10.Temp. prom aire 0.000306 0.000553 0.554 0.580

L11.Conduct -0.035465 0.021323 -1.663 0.096

L11.Water -0.846201 0.355742 -2.379 0.017

L11.Temp -0.500068 0.257509 -1.942 0.052

L11.Precip. horaria 0.002637 0.004196 0.629 0.530

L11.Temp. prom aire -0.000127 0.000547 -0.232 0.817

L12.Conduct 0.014574 0.005947 2.450 0.014

L12.Water 0.146985 0.076557 1.920 0.055

L12.Temp 0.034794 0.065030 0.535 0.593

L12.Precip. horaria 0.002872 0.004160 0.690 0.490

L12.Temp. prom aire 0.000537 0.000503 1.068 0.286

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.121237 0.185990 0.652 0.514

L1.Conduct 0.176708 0.115342 1.532 0.126

L1.Water -1.953848 1.150108 -1.699 0.089

L1.Temp 0.811019 0.650874 1.246 0.213

L1.Precip. horaria 0.178175 0.049370 3.609 0.000

L1.Temp. prom aire 0.004274 0.006263 0.682 0.495

L2.Conduct -0.639666 0.454949 -1.406 0.160

L2.Water 10.718233 5.097889 2.102 0.036

L2.Temp -2.837571 2.372332 -1.196 0.232

L2.Precip. horaria -0.074160 0.049861 -1.487 0.137

L2.Temp. prom aire 0.005802 0.006724 0.863 0.388

L3.Conduct 1.043052 0.783834 1.331 0.183

L3.Water -26.815235 10.685771 -2.509 0.012

L3.Temp 3.163393 3.929560 0.805 0.421

L3.Precip. horaria 0.212182 0.050118 4.234 0.000

L3.Temp. prom aire -0.004899 0.006717 -0.729 0.466

L4.Conduct -0.969369 0.785026 -1.235 0.217

L4.Water 42.533495 15.093941 2.818 0.005

L4.Temp 0.794335 4.356665 0.182 0.855

L4.Precip. horaria -0.168649 0.051378 -3.282 0.001

L4.Temp. prom aire -0.005275 0.006743 -0.782 0.434

L5.Conduct 0.403473 0.563870 0.716 0.474

L5.Water -47.604763 17.491865 -2.722 0.006

L5.Temp -6.701041 4.369603 -1.534 0.125

L5.Precip. horaria 0.090851 0.051444 1.766 0.077

L5.Temp. prom aire 0.000731 0.006766 0.108 0.914

L6.Conduct 0.100347 0.453967 0.221 0.825

L6.Water 38.772338 18.682758 2.075 0.038

L6.Temp 10.162115 4.578602 2.219 0.026

L6.Precip. horaria -0.172385 0.051415 -3.353 0.001

L6.Temp. prom aire -0.003074 0.006720 -0.457 0.647

L7.Conduct -0.060914 0.444396 -0.137 0.891

L7.Water -25.545747 19.135993 -1.335 0.182

L7.Temp -10.861415 5.137495 -2.114 0.035

L7.Precip. horaria 0.059629 0.052199 1.142 0.253

L7.Temp. prom aire 0.005412 0.006763 0.800 0.424

L8.Conduct -0.156078 0.439673 -0.355 0.723

L8.Water 17.654096 18.245439 0.968 0.333

L8.Temp 12.037009 6.193343 1.944 0.052

L8.Precip. horaria -0.082598 0.052365 -1.577 0.115

L8.Temp. prom aire -0.002463 0.006816 -0.361 0.718

L9.Conduct 0.055243 0.437754 0.126 0.900

L9.Water -12.827049 15.100210 -0.849 0.396

L9.Temp -12.411164 6.858943 -1.809 0.070

L9.Precip. horaria 0.131850 0.051993 2.536 0.011

L9.Temp. prom aire 0.002879 0.006783 0.424 0.671

L10.Conduct 0.157527 0.414362 0.380 0.704

L10.Water 6.936981 9.890604 0.701 0.483

L10.Temp 8.509339 5.830864 1.459 0.144

L10.Precip. horaria -0.072377 0.050933 -1.421 0.155

L10.Temp. prom aire -0.000006 0.006826 -0.001 0.999

L11.Conduct -0.157052 0.263354 -0.596 0.551

L11.Water -2.106776 4.393600 -0.480 0.632

L11.Temp -3.182740 3.180372 -1.001 0.317

L11.Precip. horaria -0.028947 0.051823 -0.559 0.576

L11.Temp. prom aire -0.007429 0.006754 -1.100 0.271

L12.Conduct 0.045463 0.073454 0.619 0.536

L12.Water 0.245698 0.945522 0.260 0.795

L12.Temp 0.512099 0.803155 0.638 0.524

L12.Precip. horaria -0.033553 0.051379 -0.653 0.514

L12.Temp. prom aire 0.002387 0.006209 0.384 0.701

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 3.574634 1.459271 2.450 0.014

L1.Conduct 0.835648 0.904967 0.923 0.356

L1.Water -7.618872 9.023714 -0.844 0.398

L1.Temp -0.158844 5.106742 -0.031 0.975

L1.Precip. horaria -0.029534 0.387358 -0.076 0.939

L1.Temp. prom aire 0.408080 0.049142 8.304 0.000

L2.Conduct -4.167062 3.569517 -1.167 0.243

L2.Water 46.901430 39.997908 1.173 0.241

L2.Temp 3.392132 18.613253 0.182 0.855

L2.Precip. horaria -0.641109 0.391206 -1.639 0.101

L2.Temp. prom aire 0.049312 0.052753 0.935 0.350

L3.Conduct 7.981498 6.149945 1.298 0.194

L3.Water -114.965112 83.840288 -1.371 0.170

L3.Temp -1.557449 30.831231 -0.051 0.960

L3.Precip. horaria -0.456618 0.393228 -1.161 0.246

L3.Temp. prom aire 0.026320 0.052699 0.499 0.617

L4.Conduct -6.132911 6.159296 -0.996 0.319

L4.Water 143.046786 118.426673 1.208 0.227

L4.Temp 2.491227 34.182284 0.073 0.942

L4.Precip. horaria -0.079587 0.403113 -0.197 0.843

L4.Temp. prom aire 0.060480 0.052902 1.143 0.253

L5.Conduct -0.069667 4.424107 -0.016 0.987

L5.Water -91.289231 137.240727 -0.665 0.506

L5.Temp -12.766654 34.283794 -0.372 0.710

L5.Precip. horaria -0.619444 0.403630 -1.535 0.125

L5.Temp. prom aire -0.018416 0.053085 -0.347 0.729

L6.Conduct 1.958324 3.561816 0.550 0.582

L6.Water 17.324843 146.584443 0.118 0.906

L6.Temp -5.519906 35.923597 -0.154 0.878

L6.Precip. horaria -0.515464 0.403404 -1.278 0.201

L6.Temp. prom aire -0.036465 0.052724 -0.692 0.489

L7.Conduct 0.837715 3.486717 0.240 0.810

L7.Water 27.692328 150.140513 0.184 0.854

L7.Temp 51.808187 40.308656 1.285 0.199

L7.Precip. horaria -0.474721 0.409553 -1.159 0.246

L7.Temp. prom aire 0.143846 0.053065 2.711 0.007

L8.Conduct -1.785747 3.449664 -0.518 0.605

L8.Water -50.433215 143.153249 -0.352 0.725

L8.Temp -72.121113 48.592813 -1.484 0.138

L8.Precip. horaria -0.143858 0.410851 -0.350 0.726

L8.Temp. prom aire -0.005430 0.053480 -0.102 0.919

L9.Conduct -1.241532 3.434603 -0.361 0.718

L9.Water 63.964360 118.475863 0.540 0.589

L9.Temp 50.073443 53.815096 0.930 0.352

L9.Precip. horaria 0.331738 0.407938 0.813 0.416

L9.Temp. prom aire -0.091381 0.053217 -1.717 0.086

L10.Conduct 4.271109 3.251073 1.314 0.189

L10.Water -63.900295 77.601427 -0.823 0.410

L10.Temp -15.062861 45.748811 -0.329 0.742

L10.Precip. horaria 0.527744 0.399617 1.321 0.187

L10.Temp. prom aire -0.018164 0.053559 -0.339 0.735

L11.Conduct -3.412652 2.066266 -1.652 0.099

L11.Water 40.121809 34.472071 1.164 0.244

L11.Temp -3.728318 24.953120 -0.149 0.881

L11.Precip. horaria 0.638338 0.406599 1.570 0.116

L11.Temp. prom aire -0.023231 0.052988 -0.438 0.661

L12.Conduct 0.924539 0.576318 1.604 0.109

L12.Water -10.878208 7.418543 -1.466 0.143

L12.Temp 3.344730 6.301530 0.531 0.596

L12.Precip. horaria -0.029607 0.403120 -0.073 0.941

L12.Temp. prom aire 0.009262 0.048712 0.190 0.849

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.572657 -0.389837 0.025823 -0.017449

Water 0.572657 1.000000 -0.147034 -0.037299 -0.050734

Temp -0.389837 -0.147034 1.000000 0.014167 0.022694

Precip. horaria 0.025823 -0.037299 0.014167 1.000000 0.094533

Temp. prom aire -0.017449 -0.050734 0.022694 0.094533 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.6286

Nobs: 476.000 HQIC: -26.2481

Log likelihood: 3424.75 FPE: 1.40570e-12

AIC: -27.2976 Det(Omega\_mle): 7.69228e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.011500 0.007354 1.564 0.118

L1.Conduct 3.518949 0.108301 32.492 0.000

L1.Water 0.336706 0.083277 4.043 0.000

L1.Temp -0.215438 0.056329 -3.825 0.000

L1.Precip. horaria 0.001691 0.004026 0.420 0.674

L1.Temp. prom aire 0.000076 0.000484 0.156 0.876

L2.Conduct -4.897450 0.428036 -11.442 0.000

L2.Water -1.702483 0.339620 -5.013 0.000

L2.Temp 0.846833 0.205493 4.121 0.000

L2.Precip. horaria -0.017270 0.004094 -4.218 0.000

L2.Temp. prom aire 0.001162 0.000516 2.252 0.024

L3.Conduct 3.111677 0.803602 3.872 0.000

L3.Water 3.808664 0.673383 5.656 0.000

L3.Temp -1.448763 0.344633 -4.204 0.000

L3.Precip. horaria -0.000612 0.004189 -0.146 0.884

L3.Temp. prom aire -0.000704 0.000516 -1.365 0.172

L4.Conduct -0.156201 1.024643 -0.152 0.879

L4.Water -5.111041 0.927612 -5.510 0.000

L4.Temp 1.423698 0.397765 3.579 0.000

L4.Precip. horaria -0.007336 0.004118 -1.782 0.075

L4.Temp. prom aire 0.000148 0.000520 0.285 0.776

L5.Conduct -1.599078 1.105723 -1.446 0.148

L5.Water 4.945687 1.067723 4.632 0.000

L5.Temp -0.900192 0.409142 -2.200 0.028

L5.Precip. horaria -0.002466 0.004133 -0.597 0.551

L5.Temp. prom aire 0.000252 0.000522 0.482 0.630

L6.Conduct 2.402082 1.139557 2.108 0.035

L6.Water -4.292458 1.120766 -3.830 0.000

L6.Temp 0.342162 0.418447 0.818 0.414

L6.Precip. horaria 0.010096 0.004021 2.511 0.012

L6.Temp. prom aire 0.000174 0.000512 0.340 0.734

L7.Conduct -3.683101 1.145894 -3.214 0.001

L7.Water 3.995594 1.106751 3.610 0.000

L7.Temp 0.060591 0.466890 0.130 0.897

L7.Precip. horaria 0.013146 0.004037 3.256 0.001

L7.Temp. prom aire 0.000537 0.000509 1.054 0.292

L8.Conduct 5.038948 1.123516 4.485 0.000

L8.Water -3.628246 1.037319 -3.498 0.000

L8.Temp -0.325357 0.577188 -0.564 0.573

L8.Precip. horaria -0.018205 0.004078 -4.464 0.000

L8.Temp. prom aire -0.000155 0.000514 -0.303 0.762

L9.Conduct -4.611569 1.038635 -4.440 0.000

L9.Water 2.508485 0.895883 2.800 0.005

L9.Temp 0.454054 0.643534 0.706 0.480

L9.Precip. horaria 0.007175 0.004219 1.700 0.089

L9.Temp. prom aire -0.001143 0.000513 -2.230 0.026

L10.Conduct 2.617414 0.799246 3.275 0.001

L10.Water -1.061641 0.644875 -1.646 0.100

L10.Temp -0.372246 0.542457 -0.686 0.493

L10.Precip. horaria -0.001107 0.004280 -0.259 0.796

L10.Temp. prom aire 0.000057 0.000515 0.111 0.912

L11.Conduct -0.911316 0.412363 -2.210 0.027

L11.Water 0.205109 0.318580 0.644 0.520

L11.Temp 0.152783 0.292552 0.522 0.602

L11.Precip. horaria -0.012482 0.004279 -2.917 0.004

L11.Temp. prom aire 0.000608 0.000515 1.181 0.237

L12.Conduct 0.168202 0.099493 1.691 0.091

L12.Water -0.004060 0.075370 -0.054 0.957

L12.Temp -0.019055 0.072991 -0.261 0.794

L12.Precip. horaria 0.000292 0.004167 0.070 0.944

L12.Temp. prom aire -0.000135 0.000483 -0.279 0.780

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.008337 0.009536 0.874 0.382

L1.Conduct -0.397821 0.140439 -2.833 0.005

L1.Water 4.318318 0.107989 39.988 0.000

L1.Temp -0.153138 0.073044 -2.097 0.036

L1.Precip. horaria 0.001364 0.005221 0.261 0.794

L1.Temp. prom aire -0.000138 0.000627 -0.220 0.826

L2.Conduct 1.961284 0.555052 3.534 0.000

L2.Water -8.898936 0.440400 -20.206 0.000

L2.Temp 0.578341 0.266472 2.170 0.030

L2.Precip. horaria -0.024443 0.005309 -4.604 0.000

L2.Temp. prom aire 0.000998 0.000669 1.492 0.136

L3.Conduct -4.282922 1.042065 -4.110 0.000

L3.Water 12.012100 0.873205 13.756 0.000

L3.Temp -0.971266 0.446901 -2.173 0.030

L3.Precip. horaria -0.001223 0.005432 -0.225 0.822

L3.Temp. prom aire -0.000097 0.000669 -0.144 0.885

L4.Conduct 5.694912 1.328700 4.286 0.000

L4.Water -12.115720 1.202875 -10.072 0.000

L4.Temp 0.941068 0.515799 1.824 0.068

L4.Precip. horaria -0.010051 0.005339 -1.882 0.060

L4.Temp. prom aire -0.000408 0.000674 -0.606 0.544

L5.Conduct -5.605963 1.433839 -3.910 0.000

L5.Water 10.087452 1.384562 7.286 0.000

L5.Temp -0.564535 0.530552 -1.064 0.287

L5.Precip. horaria -0.001516 0.005360 -0.283 0.777

L5.Temp. prom aire 0.000023 0.000677 0.034 0.973

L6.Conduct 5.024655 1.477713 3.400 0.001

L6.Water -7.844806 1.453346 -5.398 0.000

L6.Temp 0.204543 0.542619 0.377 0.706

L6.Precip. horaria 0.016272 0.005215 3.120 0.002

L6.Temp. prom aire 0.000091 0.000664 0.137 0.891

L7.Conduct -4.757355 1.485931 -3.202 0.001

L7.Water 5.874107 1.435172 4.093 0.000

L7.Temp -0.052360 0.605436 -0.086 0.931

L7.Precip. horaria 0.017267 0.005235 3.298 0.001

L7.Temp. prom aire -0.000042 0.000660 -0.064 0.949

L8.Conduct 4.311409 1.456912 2.959 0.003

L8.Water -3.663869 1.345136 -2.724 0.006

L8.Temp 0.052486 0.748465 0.070 0.944

L8.Precip. horaria -0.032271 0.005289 -6.102 0.000

L8.Temp. prom aire -0.000112 0.000666 -0.169 0.866

L9.Conduct -3.010498 1.346843 -2.235 0.025

L9.Water 1.510414 1.161731 1.300 0.194

L9.Temp -0.084306 0.834498 -0.101 0.920

L9.Precip. horaria 0.016871 0.005472 3.083 0.002

L9.Temp. prom aire -0.001355 0.000665 -2.038 0.042

L10.Conduct 1.425750 1.036416 1.376 0.169

L10.Water -0.147634 0.836237 -0.177 0.860

L10.Temp 0.096000 0.703427 0.136 0.891

L10.Precip. horaria 0.000756 0.005550 0.136 0.892

L10.Temp. prom aire -0.000010 0.000668 -0.016 0.988

L11.Conduct -0.443098 0.534729 -0.829 0.407

L11.Water -0.230047 0.413117 -0.557 0.578

L11.Temp -0.073803 0.379364 -0.195 0.846

L11.Precip. horaria -0.020398 0.005549 -3.676 0.000

L11.Temp. prom aire 0.000761 0.000668 1.139 0.255

L12.Conduct 0.081121 0.129017 0.629 0.530

L12.Water 0.097666 0.097735 0.999 0.318

L12.Temp 0.027103 0.094650 0.286 0.775

L12.Precip. horaria 0.000363 0.005403 0.067 0.946

L12.Temp. prom aire -0.000333 0.000626 -0.533 0.594

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.007908 0.006597 1.199 0.231

L1.Conduct -0.479543 0.097163 -4.935 0.000

L1.Water 0.293990 0.074713 3.935 0.000

L1.Temp 3.464892 0.050536 68.563 0.000

L1.Precip. horaria -0.000392 0.003612 -0.109 0.914

L1.Temp. prom aire 0.000455 0.000434 1.049 0.294

L2.Conduct 1.838193 0.384014 4.787 0.000

L2.Water -1.109368 0.304692 -3.641 0.000

L2.Temp -4.763744 0.184359 -25.839 0.000

L2.Precip. horaria -0.000673 0.003673 -0.183 0.855

L2.Temp. prom aire 0.000063 0.000463 0.137 0.891

L3.Conduct -3.014188 0.720955 -4.181 0.000

L3.Water 1.766017 0.604129 2.923 0.003

L3.Temp 3.332945 0.309189 10.780 0.000

L3.Precip. horaria 0.000800 0.003758 0.213 0.831

L3.Temp. prom aire -0.000851 0.000463 -1.837 0.066

L4.Conduct 2.682688 0.919264 2.918 0.004

L4.Water -1.494868 0.832212 -1.796 0.072

L4.Temp -1.324604 0.356857 -3.712 0.000

L4.Precip. horaria 0.005286 0.003694 1.431 0.152

L4.Temp. prom aire -0.000614 0.000466 -1.318 0.187

L5.Conduct -1.316724 0.992005 -1.327 0.184

L5.Water 0.636589 0.957912 0.665 0.506

L5.Temp 0.383567 0.367064 1.045 0.296

L5.Precip. horaria -0.000401 0.003708 -0.108 0.914

L5.Temp. prom aire -0.000091 0.000468 -0.194 0.846

L6.Conduct 0.340263 1.022359 0.333 0.739

L6.Water -0.034753 1.005500 -0.035 0.972

L6.Temp 0.047357 0.375412 0.126 0.900

L6.Precip. horaria -0.002830 0.003608 -0.784 0.433

L6.Temp. prom aire 0.000651 0.000459 1.417 0.156

L7.Conduct 0.007580 1.028045 0.007 0.994

L7.Water -0.190216 0.992927 -0.192 0.848

L7.Temp -0.953734 0.418873 -2.277 0.023

L7.Precip. horaria 0.001777 0.003622 0.491 0.624

L7.Temp. prom aire 0.001123 0.000457 2.459 0.014

L8.Conduct -0.546461 1.007968 -0.542 0.588

L8.Water 0.540051 0.930636 0.580 0.562

L8.Temp 2.008081 0.517827 3.878 0.000

L8.Precip. horaria 0.001578 0.003659 0.431 0.666

L8.Temp. prom aire -0.000486 0.000461 -1.056 0.291

L9.Conduct 1.277071 0.931816 1.371 0.171

L9.Water -1.003696 0.803746 -1.249 0.212

L9.Temp -1.802943 0.577350 -3.123 0.002

L9.Precip. horaria -0.001833 0.003786 -0.484 0.628

L9.Temp. prom aire -0.000704 0.000460 -1.530 0.126

L10.Conduct -1.253506 0.717047 -1.748 0.080

L10.Water 0.957061 0.578552 1.654 0.098

L10.Temp 0.587367 0.486668 1.207 0.227

L10.Precip. horaria 0.000286 0.003840 0.074 0.941

L10.Temp. prom aire -0.000187 0.000462 -0.406 0.685

L11.Conduct 0.538196 0.369954 1.455 0.146

L11.Water -0.432940 0.285816 -1.515 0.130

L11.Temp 0.105830 0.262464 0.403 0.687

L11.Precip. horaria -0.000037 0.003839 -0.010 0.992

L11.Temp. prom aire 0.000887 0.000462 1.920 0.055

L12.Conduct -0.074543 0.089260 -0.835 0.404

L12.Water 0.072538 0.067618 1.073 0.283

L12.Temp -0.085098 0.065484 -1.300 0.194

L12.Precip. horaria 0.002731 0.003738 0.731 0.465

L12.Temp. prom aire -0.000619 0.000433 -1.431 0.153

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.004495 0.089040 -0.050 0.960

L1.Conduct 0.542219 1.311343 0.413 0.679

L1.Water -2.077106 1.008348 -2.060 0.039

L1.Temp -0.068554 0.682046 -0.101 0.920

L1.Precip. horaria 0.212394 0.048747 4.357 0.000

L1.Temp. prom aire 0.008815 0.005855 1.506 0.132

L2.Conduct -3.658421 5.182784 -0.706 0.480

L2.Water 11.042750 4.112225 2.685 0.007

L2.Temp -0.993426 2.488172 -0.399 0.690

L2.Precip. horaria 0.020994 0.049575 0.423 0.672

L2.Temp. prom aire 0.002707 0.006250 0.433 0.665

L3.Conduct 10.445952 9.730250 1.074 0.283

L3.Water -25.317950 8.153525 -3.105 0.002

L3.Temp 3.188842 4.172925 0.764 0.445

L3.Precip. horaria 0.071582 0.050724 1.411 0.158

L3.Temp. prom aire -0.004178 0.006248 -0.669 0.504

L4.Conduct -15.324797 12.406689 -1.235 0.217

L4.Water 32.186117 11.231806 2.866 0.004

L4.Temp -3.443710 4.816260 -0.715 0.475

L4.Precip. horaria -0.033326 0.049857 -0.668 0.504

L4.Temp. prom aire -0.003994 0.006291 -0.635 0.525

L5.Conduct 11.066502 13.388427 0.827 0.408

L5.Water -20.232740 12.928306 -1.565 0.118

L5.Temp 0.811413 4.954014 0.164 0.870

L5.Precip. horaria 0.116373 0.050049 2.325 0.020

L5.Temp. prom aire -0.005794 0.006321 -0.917 0.359

L6.Conduct -1.127060 13.798095 -0.082 0.935

L6.Water -3.691822 13.570569 -0.272 0.786

L6.Temp 2.159770 5.066686 0.426 0.670

L6.Precip. horaria -0.191715 0.048692 -3.937 0.000

L6.Temp. prom aire -0.005281 0.006197 -0.852 0.394

L7.Conduct -5.694914 13.874834 -0.410 0.681

L7.Water 19.500076 13.400873 1.455 0.146

L7.Temp -3.365260 5.653243 -0.595 0.552

L7.Precip. horaria 0.159316 0.048885 3.259 0.001

L7.Temp. prom aire 0.007238 0.006164 1.174 0.240

L8.Conduct 6.524746 13.603867 0.480 0.631

L8.Water -18.672268 12.560168 -1.487 0.137

L8.Temp 3.433636 6.988770 0.491 0.623

L8.Precip. horaria 0.006349 0.049382 0.129 0.898

L8.Temp. prom aire -0.002234 0.006218 -0.359 0.719

L9.Conduct -3.900055 12.576105 -0.310 0.756

L9.Water 10.059363 10.847623 0.927 0.354

L9.Temp -3.116215 7.792102 -0.400 0.689

L9.Precip. horaria -0.012271 0.051091 -0.240 0.810

L9.Temp. prom aire 0.004678 0.006206 0.754 0.451

L10.Conduct 1.703809 9.677505 0.176 0.860

L10.Water -3.700849 7.808337 -0.474 0.636

L10.Temp 1.750698 6.568229 0.267 0.790

L10.Precip. horaria 0.074041 0.051823 1.429 0.153

L10.Temp. prom aire -0.000467 0.006238 -0.075 0.940

L11.Conduct -0.910098 4.993017 -0.182 0.855

L11.Water 1.247312 3.857463 0.323 0.746

L11.Temp -0.321700 3.542304 -0.091 0.928

L11.Precip. horaria -0.053606 0.051816 -1.035 0.301

L11.Temp. prom aire -0.009400 0.006234 -1.508 0.132

L12.Conduct 0.322406 1.204689 0.268 0.789

L12.Water -0.330326 0.912597 -0.362 0.717

L12.Temp -0.035180 0.883792 -0.040 0.968

L12.Precip. horaria -0.189480 0.050454 -3.756 0.000

L12.Temp. prom aire 0.007265 0.005843 1.243 0.214

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.565481 0.750457 2.086 0.037

L1.Conduct 8.811844 11.052408 0.797 0.425

L1.Water -9.155540 8.498670 -1.077 0.281

L1.Temp 6.109571 5.748500 1.063 0.288

L1.Precip. horaria 0.246061 0.410855 0.599 0.549

L1.Temp. prom aire 0.396117 0.049349 8.027 0.000

L2.Conduct -19.117537 43.682113 -0.438 0.662

L2.Water 23.724902 34.659113 0.685 0.494

L2.Temp -23.302680 20.971092 -1.111 0.266

L2.Precip. horaria -0.542224 0.417834 -1.298 0.194

L2.Temp. prom aire 0.032781 0.052674 0.622 0.534

L3.Conduct -9.415439 82.009574 -0.115 0.909

L3.Water -9.297091 68.720445 -0.135 0.892

L3.Temp 49.601936 35.170708 1.410 0.158

L3.Precip. horaria -0.640331 0.427521 -1.498 0.134

L3.Temp. prom aire 0.002007 0.052662 0.038 0.970

L4.Conduct 89.672124 104.567434 0.858 0.391

L4.Water -45.721716 94.665161 -0.483 0.629

L4.Temp -48.853743 40.592940 -1.204 0.229

L4.Precip. horaria 0.443622 0.420211 1.056 0.291

L4.Temp. prom aire 0.046526 0.053024 0.877 0.380

L5.Conduct -147.935386 112.841833 -1.311 0.190

L5.Water 94.296322 108.963787 0.865 0.387

L5.Temp 8.062227 41.753969 0.193 0.847

L5.Precip. horaria -0.329639 0.421825 -0.781 0.435

L5.Temp. prom aire -0.020218 0.053273 -0.380 0.704

L6.Conduct 128.656958 116.294641 1.106 0.269

L6.Water -102.173022 114.376976 -0.893 0.372

L6.Temp 1.634327 42.703609 0.038 0.969

L6.Precip. horaria -0.556104 0.410390 -1.355 0.175

L6.Temp. prom aire -0.058023 0.052233 -1.111 0.267

L7.Conduct -88.008974 116.941423 -0.753 0.452

L7.Water 92.416901 112.946732 0.818 0.413

L7.Temp 44.982077 47.647294 0.944 0.345

L7.Precip. horaria -0.233400 0.412015 -0.566 0.571

L7.Temp. prom aire 0.130936 0.051948 2.521 0.012

L8.Conduct 77.059642 114.657629 0.672 0.502

L8.Water -79.280915 105.861006 -0.749 0.454

L8.Temp -78.654668 58.903530 -1.335 0.182

L8.Precip. horaria 0.145324 0.416204 0.349 0.727

L8.Temp. prom aire -0.031511 0.052404 -0.601 0.548

L9.Conduct -73.595987 105.995329 -0.694 0.487

L9.Water 49.578791 91.427140 0.542 0.588

L9.Temp 59.289855 65.674264 0.903 0.367

L9.Precip. horaria 0.222749 0.430607 0.517 0.605

L9.Temp. prom aire -0.092144 0.052310 -1.762 0.078

L10.Conduct 49.841895 81.565022 0.611 0.541

L10.Water -10.980398 65.811099 -0.167 0.867

L10.Temp -15.526150 55.359076 -0.280 0.779

L10.Precip. horaria 0.527431 0.436783 1.208 0.227

L10.Temp. prom aire -0.028574 0.052578 -0.543 0.587

L11.Conduct -17.222420 42.082704 -0.409 0.682

L11.Water -8.463105 32.511897 -0.260 0.795

L11.Temp -9.211025 29.855637 -0.309 0.758

L11.Precip. horaria 0.474944 0.436721 1.088 0.277

L11.Temp. prom aire -0.040913 0.052540 -0.779 0.436

L12.Conduct 1.448217 10.153498 0.143 0.887

L12.Water 4.995216 7.691652 0.649 0.516

L12.Temp 6.224349 7.448875 0.836 0.403

L12.Precip. horaria -0.024015 0.425241 -0.056 0.955

L12.Temp. prom aire 0.008324 0.049244 0.169 0.866

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.884750 0.121505 -0.048442 0.073537

Water 0.884750 1.000000 -0.001754 -0.093440 0.073311

Temp 0.121505 -0.001754 1.000000 0.046956 -0.012722

Precip. horaria -0.048442 -0.093440 0.046956 1.000000 0.087646

Temp. prom aire 0.073537 0.073311 -0.012722 0.087646 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.6283

Nobs: 476.000 HQIC: -26.2478

Log likelihood: 3424.69 FPE: 1.40605e-12

AIC: -27.2973 Det(Omega\_mle): 7.69422e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.055098 0.018868 2.920 0.003

L1.Conduct 4.327686 0.064628 66.963 0.000

L1.Water -0.637149 0.195913 -3.252 0.001

L1.Temp -0.390491 0.076579 -5.099 0.000

L1.Precip. horaria -0.007797 0.005728 -1.361 0.173

L1.Temp. prom aire -0.000104 0.000719 -0.145 0.885

L2.Conduct -8.088732 0.251811 -32.122 0.000

L2.Water 2.350069 0.792781 2.964 0.003

L2.Temp 1.585634 0.287917 5.507 0.000

L2.Precip. horaria -0.010621 0.005746 -1.848 0.065

L2.Temp. prom aire 0.001065 0.000774 1.375 0.169

L3.Conduct 8.521878 0.425215 20.041 0.000

L3.Water -3.081813 1.435017 -2.148 0.032

L3.Temp -2.844074 0.508036 -5.598 0.000

L3.Precip. horaria -0.002490 0.005730 -0.435 0.664

L3.Temp. prom aire -0.001085 0.000775 -1.401 0.161

L4.Conduct -5.369811 0.420560 -12.768 0.000

L4.Water 0.826034 1.683259 0.491 0.624

L4.Temp 3.014965 0.619261 4.869 0.000

L4.Precip. horaria -0.010529 0.005836 -1.804 0.071

L4.Temp. prom aire 0.000371 0.000776 0.478 0.633

L5.Conduct 1.978175 0.313067 6.319 0.000

L5.Water 1.708716 1.710836 0.999 0.318

L5.Temp -2.180832 0.656713 -3.321 0.001

L5.Precip. horaria -0.007452 0.005865 -1.270 0.204

L5.Temp. prom aire -0.000793 0.000778 -1.019 0.308

L6.Conduct -0.859722 0.264234 -3.254 0.001

L6.Water -0.165810 1.750822 -0.095 0.925

L6.Temp 1.188485 0.675921 1.758 0.079

L6.Precip. horaria 0.006532 0.005857 1.115 0.265

L6.Temp. prom aire 0.000278 0.000769 0.361 0.718

L7.Conduct 1.070959 0.261666 4.093 0.000

L7.Water -4.630706 1.798910 -2.574 0.010

L7.Temp -0.508832 0.725060 -0.702 0.483

L7.Precip. horaria 0.017418 0.005835 2.985 0.003

L7.Temp. prom aire 0.001206 0.000770 1.567 0.117

L8.Conduct -0.651932 0.263827 -2.471 0.013

L8.Water 7.525244 1.816473 4.143 0.000

L8.Temp 0.123615 0.825034 0.150 0.881

L8.Precip. horaria -0.005007 0.005909 -0.847 0.397

L8.Temp. prom aire -0.000666 0.000776 -0.858 0.391

L9.Conduct -0.142044 0.256407 -0.554 0.580

L9.Water -5.801739 1.672244 -3.469 0.001

L9.Temp 0.136123 0.865058 0.157 0.875

L9.Precip. horaria -0.000241 0.005820 -0.041 0.967

L9.Temp. prom aire -0.001517 0.000774 -1.960 0.050

L10.Conduct 0.323942 0.227491 1.424 0.154

L10.Water 1.999350 1.225536 1.631 0.103

L10.Temp -0.245154 0.707178 -0.347 0.729

L10.Precip. horaria 0.000964 0.005733 0.168 0.866

L10.Temp. prom aire 0.000265 0.000781 0.339 0.735

L11.Conduct -0.133018 0.140677 -0.946 0.344

L11.Water 0.127264 0.594165 0.214 0.830

L11.Temp 0.154233 0.376536 0.410 0.682

L11.Precip. horaria -0.004375 0.005769 -0.758 0.448

L11.Temp. prom aire 0.000789 0.000775 1.018 0.309

L12.Conduct 0.022243 0.038790 0.573 0.566

L12.Water -0.220253 0.135714 -1.623 0.105

L12.Temp -0.034815 0.093762 -0.371 0.710

L12.Precip. horaria -0.000348 0.005730 -0.061 0.952

L12.Temp. prom aire -0.000341 0.000725 -0.471 0.638

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.006422 0.007040 0.912 0.362

L1.Conduct 0.080034 0.024115 3.319 0.001

L1.Water 3.981745 0.073102 54.468 0.000

L1.Temp -0.207373 0.028574 -7.257 0.000

L1.Precip. horaria -0.005173 0.002137 -2.421 0.015

L1.Temp. prom aire -0.000031 0.000268 -0.114 0.909

L2.Conduct -0.314199 0.093960 -3.344 0.001

L2.Water -6.714459 0.295814 -22.698 0.000

L2.Temp 0.859808 0.107432 8.003 0.000

L2.Precip. horaria -0.002747 0.002144 -1.281 0.200

L2.Temp. prom aire 0.000441 0.000289 1.527 0.127

L3.Conduct 0.492269 0.158663 3.103 0.002

L3.Water 6.457163 0.535455 12.059 0.000

L3.Temp -1.546869 0.189566 -8.160 0.000

L3.Precip. horaria -0.001859 0.002138 -0.869 0.385

L3.Temp. prom aire -0.000574 0.000289 -1.987 0.047

L4.Conduct -0.357721 0.156926 -2.280 0.023

L4.Water -4.231780 0.628083 -6.738 0.000

L4.Temp 1.594090 0.231068 6.899 0.000

L4.Precip. horaria -0.002549 0.002177 -1.171 0.242

L4.Temp. prom aire 0.000132 0.000289 0.458 0.647

L5.Conduct 0.124356 0.116816 1.065 0.287

L5.Water 2.077029 0.638373 3.254 0.001

L5.Temp -1.042005 0.245043 -4.252 0.000

L5.Precip. horaria -0.000148 0.002189 -0.068 0.946

L5.Temp. prom aire -0.000433 0.000290 -1.492 0.136

L6.Conduct -0.167853 0.098595 -1.702 0.089

L6.Water -0.050378 0.653293 -0.077 0.939

L6.Temp 0.416895 0.252210 1.653 0.098

L6.Precip. horaria 0.002613 0.002186 1.195 0.232

L6.Temp. prom aire 0.000155 0.000287 0.541 0.589

L7.Conduct 0.324299 0.097637 3.321 0.001

L7.Water -2.201468 0.671237 -3.280 0.001

L7.Temp 0.022619 0.270545 0.084 0.933

L7.Precip. horaria 0.005985 0.002177 2.749 0.006

L7.Temp. prom aire 0.000336 0.000287 1.171 0.241

L8.Conduct -0.195709 0.098443 -1.988 0.047

L8.Water 3.770929 0.677790 5.564 0.000

L8.Temp -0.359157 0.307849 -1.167 0.243

L8.Precip. horaria -0.003686 0.002205 -1.672 0.095

L8.Temp. prom aire -0.000117 0.000289 -0.404 0.687

L9.Conduct -0.093852 0.095675 -0.981 0.327

L9.Water -3.395474 0.623973 -5.442 0.000

L9.Temp 0.612420 0.322784 1.897 0.058

L9.Precip. horaria -0.002643 0.002172 -1.217 0.224

L9.Temp. prom aire -0.000596 0.000289 -2.063 0.039

L10.Conduct 0.177478 0.084885 2.091 0.037

L10.Water 1.611298 0.457290 3.524 0.000

L10.Temp -0.592366 0.263873 -2.245 0.025

L10.Precip. horaria 0.000476 0.002139 0.222 0.824

L10.Temp. prom aire 0.000073 0.000292 0.249 0.803

L11.Conduct -0.079421 0.052492 -1.513 0.130

L11.Water -0.280472 0.221704 -1.265 0.206

L11.Temp 0.309547 0.140499 2.203 0.028

L11.Precip. horaria 0.000054 0.002152 0.025 0.980

L11.Temp. prom aire 0.000245 0.000289 0.847 0.397

L12.Conduct 0.010481 0.014474 0.724 0.469

L12.Water -0.024508 0.050640 -0.484 0.628

L12.Temp -0.067463 0.034986 -1.928 0.054

L12.Precip. horaria -0.002420 0.002138 -1.132 0.258

L12.Temp. prom aire -0.000169 0.000270 -0.624 0.533

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.021394 0.012626 -1.694 0.090

L1.Conduct -0.087807 0.043249 -2.030 0.042

L1.Water -0.083907 0.131104 -0.640 0.522

L1.Temp 3.523091 0.051246 68.748 0.000

L1.Precip. horaria -0.006953 0.003833 -1.814 0.070

L1.Temp. prom aire 0.000228 0.000481 0.473 0.636

L2.Conduct 0.373128 0.168511 2.214 0.027

L2.Water 0.267519 0.530524 0.504 0.614

L2.Temp -5.030961 0.192672 -26.112 0.000

L2.Precip. horaria -0.002945 0.003845 -0.766 0.444

L2.Temp. prom aire 0.000200 0.000518 0.387 0.699

L3.Conduct -0.617804 0.284551 -2.171 0.030

L3.Water -0.542744 0.960305 -0.565 0.572

L3.Temp 3.748802 0.339975 11.027 0.000

L3.Precip. horaria -0.000024 0.003834 -0.006 0.995

L3.Temp. prom aire -0.000981 0.000519 -1.893 0.058

L4.Conduct 0.490545 0.281436 1.743 0.081

L4.Water 0.952534 1.126427 0.846 0.398

L4.Temp -1.558310 0.414406 -3.760 0.000

L4.Precip. horaria 0.002855 0.003905 0.731 0.465

L4.Temp. prom aire -0.000755 0.000519 -1.455 0.146

L5.Conduct -0.125920 0.209503 -0.601 0.548

L5.Water -1.235189 1.144882 -1.079 0.281

L5.Temp 0.357967 0.439468 0.815 0.415

L5.Precip. horaria -0.003473 0.003925 -0.885 0.376

L5.Temp. prom aire -0.000225 0.000521 -0.433 0.665

L6.Conduct -0.100079 0.176824 -0.566 0.571

L6.Water 0.915674 1.171640 0.782 0.434

L6.Temp 0.126936 0.452323 0.281 0.779

L6.Precip. horaria -0.002879 0.003920 -0.734 0.463

L6.Temp. prom aire 0.000610 0.000515 1.186 0.236

L7.Conduct 0.020355 0.175106 0.116 0.907

L7.Water 0.222191 1.203820 0.185 0.854

L7.Temp -1.055249 0.485206 -2.175 0.030

L7.Precip. horaria 0.001815 0.003905 0.465 0.642

L7.Temp. prom aire 0.001248 0.000515 2.423 0.015

L8.Conduct 0.156564 0.176552 0.887 0.375

L8.Water -1.643958 1.215573 -1.352 0.176

L8.Temp 2.233480 0.552108 4.045 0.000

L8.Precip. horaria 0.000878 0.003954 0.222 0.824

L8.Temp. prom aire -0.000908 0.000519 -1.750 0.080

L9.Conduct -0.137561 0.171586 -0.802 0.423

L9.Water 2.196116 1.119056 1.962 0.050

L9.Temp -2.160817 0.578892 -3.733 0.000

L9.Precip. horaria -0.004158 0.003895 -1.067 0.286

L9.Temp. prom aire -0.001367 0.000518 -2.639 0.008

L10.Conduct 0.018092 0.152236 0.119 0.905

L10.Water -1.521166 0.820121 -1.855 0.064

L10.Temp 0.970242 0.473239 2.050 0.040

L10.Precip. horaria -0.000561 0.003836 -0.146 0.884

L10.Temp. prom aire -0.000235 0.000523 -0.449 0.653

L11.Conduct 0.008823 0.094141 0.094 0.925

L11.Water 0.552046 0.397612 1.388 0.165

L11.Temp -0.132196 0.251976 -0.525 0.600

L11.Precip. horaria -0.001031 0.003860 -0.267 0.789

L11.Temp. prom aire 0.000493 0.000519 0.950 0.342

L12.Conduct 0.002647 0.025958 0.102 0.919

L12.Water -0.079701 0.090819 -0.878 0.380

L12.Temp -0.020953 0.062745 -0.334 0.738

L12.Precip. horaria -0.001267 0.003835 -0.330 0.741

L12.Temp. prom aire -0.000972 0.000485 -2.003 0.045

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.551696 0.161970 -3.406 0.001

L1.Conduct 0.287702 0.554799 0.519 0.604

L1.Water -0.934038 1.681805 -0.555 0.579

L1.Temp -0.226893 0.657393 -0.345 0.730

L1.Precip. horaria 0.116117 0.049170 2.362 0.018

L1.Temp. prom aire 0.002943 0.006171 0.477 0.633

L2.Conduct 0.825983 2.161662 0.382 0.702

L2.Water -2.538584 6.805592 -0.373 0.709

L2.Temp -0.091038 2.471609 -0.037 0.971

L2.Precip. horaria -0.061025 0.049328 -1.237 0.216

L2.Temp. prom aire 0.004805 0.006645 0.723 0.470

L3.Conduct -3.265085 3.650241 -0.894 0.371

L3.Water 12.870456 12.318841 1.045 0.296

L3.Temp 0.979150 4.361211 0.225 0.822

L3.Precip. horaria 0.236890 0.049185 4.816 0.000

L3.Temp. prom aire -0.004308 0.006652 -0.648 0.517

L4.Conduct 2.794873 3.610278 0.774 0.439

L4.Water -13.475503 14.449862 -0.933 0.351

L4.Temp -0.410785 5.316020 -0.077 0.938

L4.Precip. horaria -0.125776 0.050095 -2.511 0.012

L4.Temp. prom aire -0.006355 0.006660 -0.954 0.340

L5.Conduct -0.712186 2.687514 -0.265 0.791

L5.Water 2.033788 14.686602 0.138 0.890

L5.Temp -1.287546 5.637523 -0.228 0.819

L5.Precip. horaria 0.069150 0.050351 1.373 0.170

L5.Temp. prom aire -0.001627 0.006682 -0.243 0.808

L6.Conduct 0.477052 2.268309 0.210 0.833

L6.Water 2.193552 15.029856 0.146 0.884

L6.Temp 2.168481 5.802418 0.374 0.709

L6.Precip. horaria -0.157244 0.050283 -3.127 0.002

L6.Temp. prom aire -0.004535 0.006600 -0.687 0.492

L7.Conduct -0.105889 2.246264 -0.047 0.962

L7.Water 0.451862 15.442663 0.029 0.977

L7.Temp -2.663962 6.224246 -0.428 0.669

L7.Precip. horaria 0.070477 0.050094 1.407 0.159

L7.Temp. prom aire 0.005851 0.006607 0.886 0.376

L8.Conduct -1.007526 2.264815 -0.445 0.656

L8.Water 0.971568 15.593436 0.062 0.950

L8.Temp 4.359711 7.082474 0.616 0.538

L8.Precip. horaria 0.001172 0.050727 0.023 0.982

L8.Temp. prom aire 0.000560 0.006660 0.084 0.933

L9.Conduct 1.628748 2.201116 0.740 0.459

L9.Water -5.608579 14.355305 -0.391 0.696

L9.Temp -6.113978 7.426058 -0.823 0.410

L9.Precip. horaria 0.159074 0.049965 3.184 0.001

L9.Temp. prom aire 0.005060 0.006645 0.761 0.446

L10.Conduct -1.882627 1.952890 -0.964 0.335

L10.Water 8.654353 10.520558 0.823 0.411

L10.Temp 5.080282 6.070737 0.837 0.403

L10.Precip. horaria -0.119691 0.049213 -2.432 0.015

L10.Temp. prom aire -0.002660 0.006706 -0.397 0.692

L11.Conduct 1.360726 1.207640 1.127 0.260

L11.Water -6.531538 5.100587 -1.281 0.200

L11.Temp -2.203116 3.232359 -0.682 0.496

L11.Precip. horaria -0.117029 0.049521 -2.363 0.018

L11.Temp. prom aire -0.009929 0.006653 -1.492 0.136

L12.Conduct -0.392434 0.332988 -1.179 0.239

L12.Water 1.918089 1.165033 1.646 0.100

L12.Temp 0.429707 0.804894 0.534 0.593

L12.Precip. horaria -0.067529 0.049191 -1.373 0.170

L12.Temp. prom aire -0.000753 0.006222 -0.121 0.904

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.756962 1.298820 0.583 0.560

L1.Conduct 4.781913 4.448875 1.075 0.282

L1.Water -21.871757 13.486219 -1.622 0.105

L1.Temp 5.092180 5.271563 0.966 0.334

L1.Precip. horaria -0.095295 0.394291 -0.242 0.809

L1.Temp. prom aire 0.409991 0.049483 8.285 0.000

L2.Conduct -17.173887 17.334140 -0.991 0.322

L2.Water 98.253287 54.573331 1.800 0.072

L2.Temp -25.548938 19.819574 -1.289 0.197

L2.Precip. horaria -0.511135 0.395552 -1.292 0.196

L2.Temp. prom aire 0.027698 0.053286 0.520 0.603

L3.Conduct 26.542156 29.270904 0.907 0.365

L3.Water -204.954691 98.783503 -2.075 0.038

L3.Temp 65.256056 34.972101 1.866 0.062

L3.Precip. horaria -0.183572 0.394413 -0.465 0.642

L3.Temp. prom aire 0.038975 0.053338 0.731 0.465

L4.Conduct -20.285660 28.950442 -0.701 0.483

L4.Water 274.469549 115.871941 2.369 0.018

L4.Temp -83.352906 42.628613 -1.955 0.051

L4.Precip. horaria 0.401075 0.401710 0.998 0.318

L4.Temp. prom aire 0.020619 0.053406 0.386 0.699

L5.Conduct 5.554055 21.550897 0.258 0.797

L5.Water -286.609409 117.770333 -2.434 0.015

L5.Temp 63.391813 45.206710 1.402 0.161

L5.Precip. horaria -0.343901 0.403762 -0.852 0.394

L5.Temp. prom aire -0.007382 0.053584 -0.138 0.890

L6.Conduct -3.803356 18.189333 -0.209 0.834

L6.Water 277.159947 120.522847 2.300 0.021

L6.Temp -67.820007 46.528988 -1.458 0.145

L6.Precip. horaria -0.197466 0.403211 -0.490 0.624

L6.Temp. prom aire -0.061658 0.052928 -1.165 0.244

L7.Conduct 11.146535 18.012557 0.619 0.536

L7.Water -249.334156 123.833109 -2.013 0.044

L7.Temp 103.712962 49.911583 2.078 0.038

L7.Precip. horaria -0.422098 0.401701 -1.051 0.293

L7.Temp. prom aire 0.152158 0.052982 2.872 0.004

L8.Conduct -4.953012 18.161312 -0.273 0.785

L8.Water 172.668753 125.042137 1.381 0.167

L8.Temp -103.904482 56.793621 -1.830 0.067

L8.Precip. horaria 0.146849 0.406777 0.361 0.718

L8.Temp. prom aire -0.018467 0.053403 -0.346 0.729

L9.Conduct -8.420395 17.650522 -0.477 0.633

L9.Water -74.957829 115.113699 -0.651 0.515

L9.Temp 52.095874 59.548787 0.875 0.382

L9.Precip. horaria 0.410453 0.400660 1.024 0.306

L9.Temp. prom aire -0.058066 0.053283 -1.090 0.276

L10.Conduct 10.311266 15.660022 0.658 0.510

L10.Water 14.219787 84.363260 0.169 0.866

L10.Temp 3.625459 48.680608 0.074 0.941

L10.Precip. horaria 0.350229 0.394633 0.887 0.375

L10.Temp. prom aire -0.031486 0.053778 -0.585 0.558

L11.Conduct -4.354388 9.683938 -0.450 0.653

L11.Water 2.387530 40.901075 0.058 0.953

L11.Temp -21.035785 25.919950 -0.812 0.417

L11.Precip. horaria 0.183098 0.397101 0.461 0.645

L11.Temp. prom aire -0.009547 0.053350 -0.179 0.858

L12.Conduct 0.694774 2.670196 0.260 0.795

L12.Water -1.452406 9.342275 -0.155 0.876

L12.Temp 8.766125 6.454357 1.358 0.174

L12.Precip. horaria 0.011923 0.394455 0.030 0.976

L12.Temp. prom aire 0.024598 0.049894 0.493 0.622

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.774774 0.241983 -0.043124 -0.084728

Water 0.774774 1.000000 0.308520 -0.106082 -0.064440

Temp 0.241983 0.308520 1.000000 -0.008640 -0.081664

Precip. horaria -0.043124 -0.106082 -0.008640 1.000000 0.090610

Temp. prom aire -0.084728 -0.064440 -0.081664 0.090610 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.4835

Nobs: 476.000 HQIC: -26.1030

Log likelihood: 3390.22 FPE: 1.62514e-12

AIC: -27.1525 Det(Omega\_mle): 8.89311e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.078199 0.023843 3.280 0.001

L1.Conduct 4.056644 0.090506 44.822 0.000

L1.Water 0.078395 0.291859 0.269 0.788

L1.Temp -0.326777 0.082427 -3.964 0.000

L1.Precip. horaria -0.007073 0.006980 -1.013 0.311

L1.Temp. prom aire 0.000398 0.000910 0.437 0.662

L2.Conduct -7.005764 0.335375 -20.889 0.000

L2.Water -0.725943 1.153931 -0.629 0.529

L2.Temp 1.234557 0.290323 4.252 0.000

L2.Precip. horaria -0.007376 0.007093 -1.040 0.298

L2.Temp. prom aire 0.000779 0.000974 0.800 0.424

L3.Conduct 6.610468 0.529281 12.490 0.000

L3.Water 2.884258 2.039956 1.414 0.157

L3.Temp -1.952650 0.470175 -4.153 0.000

L3.Precip. horaria 0.000459 0.007117 0.064 0.949

L3.Temp. prom aire -0.001698 0.000974 -1.744 0.081

L4.Conduct -3.468516 0.461485 -7.516 0.000

L4.Water -6.067294 2.315611 -2.620 0.009

L4.Temp 1.693555 0.532317 3.181 0.001

L4.Precip. horaria -0.017206 0.007265 -2.368 0.018

L4.Temp. prom aire 0.001444 0.000976 1.479 0.139

L5.Conduct 0.917503 0.264759 3.465 0.001

L5.Water 6.606431 2.288976 2.886 0.004

L5.Temp -1.001286 0.546775 -1.831 0.067

L5.Precip. horaria -0.002726 0.007308 -0.373 0.709

L5.Temp. prom aire -0.000490 0.000978 -0.501 0.617

L6.Conduct -0.555327 0.188811 -2.941 0.003

L6.Water -1.403998 2.330574 -0.602 0.547

L6.Temp 0.534625 0.565190 0.946 0.344

L6.Precip. horaria 0.019336 0.007176 2.695 0.007

L6.Temp. prom aire 0.000999 0.000967 1.033 0.301

L7.Conduct 0.887547 0.186215 4.766 0.000

L7.Water -6.837339 2.353660 -2.905 0.004

L7.Temp -0.063114 0.676200 -0.093 0.926

L7.Precip. horaria 0.010513 0.007254 1.449 0.147

L7.Temp. prom aire 0.000256 0.000969 0.264 0.791

L8.Conduct -0.397596 0.187592 -2.119 0.034

L8.Water 11.842351 2.293679 5.163 0.000

L8.Temp -0.614165 0.912538 -0.673 0.501

L8.Precip. horaria -0.008208 0.007256 -1.131 0.258

L8.Temp. prom aire -0.000424 0.000976 -0.434 0.664

L9.Conduct -0.234693 0.176184 -1.332 0.183

L9.Water -10.528599 2.009611 -5.239 0.000

L9.Temp 1.143095 1.054030 1.084 0.278

L9.Precip. horaria -0.008028 0.007327 -1.096 0.273

L9.Temp. prom aire -0.001665 0.000974 -1.709 0.088

L10.Conduct 0.243520 0.170307 1.430 0.153

L10.Water 5.542373 1.390407 3.986 0.000

L10.Temp -1.081521 0.895936 -1.207 0.227

L10.Precip. horaria -0.002490 0.007142 -0.349 0.727

L10.Temp. prom aire 0.000848 0.000985 0.861 0.389

L11.Conduct -0.059503 0.119321 -0.499 0.618

L11.Water -1.535322 0.645474 -2.379 0.017

L11.Temp 0.547630 0.485594 1.128 0.259

L11.Precip. horaria -0.001348 0.007260 -0.186 0.853

L11.Temp. prom aire -0.000518 0.000980 -0.528 0.597

L12.Conduct 0.005167 0.035398 0.146 0.884

L12.Water 0.143301 0.144420 0.992 0.321

L12.Temp -0.116030 0.122189 -0.950 0.342

L12.Precip. horaria 0.001118 0.007102 0.157 0.875

L12.Temp. prom aire 0.000312 0.000907 0.344 0.731

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.016605 0.007482 2.219 0.026

L1.Conduct 0.002454 0.028399 0.086 0.931

L1.Water 4.235151 0.091579 46.246 0.000

L1.Temp -0.129777 0.025864 -5.018 0.000

L1.Precip. horaria -0.000986 0.002190 -0.450 0.653

L1.Temp. prom aire 0.000015 0.000286 0.053 0.958

L2.Conduct 0.009857 0.105233 0.094 0.925

L2.Water -7.893647 0.362079 -21.801 0.000

L2.Temp 0.516466 0.091097 5.669 0.000

L2.Precip. horaria -0.004749 0.002226 -2.134 0.033

L2.Temp. prom aire 0.000297 0.000306 0.972 0.331

L3.Conduct -0.083151 0.166077 -0.501 0.617

L3.Water 8.828139 0.640095 13.792 0.000

L3.Temp -0.886923 0.147531 -6.012 0.000

L3.Precip. horaria -0.002263 0.002233 -1.013 0.311

L3.Temp. prom aire -0.000534 0.000306 -1.748 0.080

L4.Conduct 0.185358 0.144804 1.280 0.201

L4.Water -6.937381 0.726590 -9.548 0.000

L4.Temp 0.863189 0.167030 5.168 0.000

L4.Precip. horaria -0.004701 0.002280 -2.062 0.039

L4.Temp. prom aire 0.000343 0.000306 1.119 0.263

L5.Conduct -0.160589 0.083076 -1.933 0.053

L5.Water 4.023960 0.718232 5.603 0.000

L5.Temp -0.572063 0.171567 -3.334 0.001

L5.Precip. horaria -0.000921 0.002293 -0.402 0.688

L5.Temp. prom aire -0.000289 0.000307 -0.942 0.346

L6.Conduct -0.060256 0.059245 -1.017 0.309

L6.Water -0.976605 0.731285 -1.335 0.182

L6.Temp 0.327446 0.177345 1.846 0.065

L6.Precip. horaria 0.007167 0.002252 3.183 0.001

L6.Temp. prom aire 0.000329 0.000303 1.084 0.278

L7.Conduct 0.244534 0.058430 4.185 0.000

L7.Water -1.798932 0.738529 -2.436 0.015

L7.Temp -0.107892 0.212177 -0.509 0.611

L7.Precip. horaria 0.004038 0.002276 1.774 0.076

L7.Temp. prom aire 0.000074 0.000304 0.243 0.808

L8.Conduct -0.182225 0.058862 -3.096 0.002

L8.Water 3.414328 0.719708 4.744 0.000

L8.Temp -0.169975 0.286335 -0.594 0.553

L8.Precip. horaria -0.006597 0.002277 -2.897 0.004

L8.Temp. prom aire -0.000080 0.000306 -0.263 0.793

L9.Conduct 0.030104 0.055283 0.545 0.586

L9.Water -3.163421 0.630573 -5.017 0.000

L9.Temp 0.376154 0.330732 1.137 0.255

L9.Precip. horaria -0.002019 0.002299 -0.878 0.380

L9.Temp. prom aire -0.000560 0.000306 -1.832 0.067

L10.Conduct 0.036602 0.053439 0.685 0.493

L10.Water 1.638230 0.436280 3.755 0.000

L10.Temp -0.370967 0.281126 -1.320 0.187

L10.Precip. horaria 0.004832 0.002241 2.156 0.031

L10.Temp. prom aire 0.000248 0.000309 0.804 0.422

L11.Conduct -0.034690 0.037440 -0.927 0.354

L11.Water -0.375118 0.202536 -1.852 0.064

L11.Temp 0.201081 0.152369 1.320 0.187

L11.Precip. horaria -0.001251 0.002278 -0.549 0.583

L11.Temp. prom aire 0.000010 0.000308 0.032 0.974

L12.Conduct 0.012014 0.011107 1.082 0.279

L12.Water 0.004809 0.045316 0.106 0.915

L12.Temp -0.047173 0.038340 -1.230 0.219

L12.Precip. horaria -0.000507 0.002228 -0.227 0.820

L12.Temp. prom aire 0.000209 0.000285 0.735 0.463

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.009812 0.014066 -0.698 0.485

L1.Conduct -0.047578 0.053392 -0.891 0.373

L1.Water -0.001140 0.172175 -0.007 0.995

L1.Temp 3.341012 0.048626 68.708 0.000

L1.Precip. horaria 0.000080 0.004118 0.019 0.984

L1.Temp. prom aire 0.000078 0.000537 0.145 0.885

L2.Conduct 0.145408 0.197847 0.735 0.462

L2.Water 0.095710 0.680735 0.141 0.888

L2.Temp -4.334358 0.171269 -25.307 0.000

L2.Precip. horaria 0.000971 0.004184 0.232 0.816

L2.Temp. prom aire 0.000597 0.000575 1.038 0.299

L3.Conduct -0.179736 0.312237 -0.576 0.565

L3.Water -0.386972 1.203424 -0.322 0.748

L3.Temp 2.672616 0.277369 9.636 0.000

L3.Precip. horaria 0.003600 0.004199 0.857 0.391

L3.Temp. prom aire -0.000732 0.000575 -1.274 0.203

L4.Conduct 0.093488 0.272242 0.343 0.731

L4.Water 0.812645 1.366041 0.595 0.552

L4.Temp -0.696148 0.314028 -2.217 0.027

L4.Precip. horaria 0.004749 0.004286 1.108 0.268

L4.Temp. prom aire -0.000530 0.000576 -0.921 0.357

L5.Conduct 0.035949 0.156188 0.230 0.818

L5.Water -1.159583 1.350328 -0.859 0.390

L5.Temp -0.001776 0.322557 -0.006 0.996

L5.Precip. horaria -0.000701 0.004311 -0.163 0.871

L5.Temp. prom aire -0.000324 0.000577 -0.561 0.574

L6.Conduct -0.062858 0.111385 -0.564 0.573

L6.Water 1.010810 1.374868 0.735 0.462

L6.Temp 0.111658 0.333420 0.335 0.738

L6.Precip. horaria -0.002852 0.004233 -0.674 0.500

L6.Temp. prom aire 0.000204 0.000570 0.358 0.720

L7.Conduct 0.011559 0.109853 0.105 0.916

L7.Water -0.459574 1.388487 -0.331 0.741

L7.Temp -0.812124 0.398908 -2.036 0.042

L7.Precip. horaria 0.003661 0.004280 0.855 0.392

L7.Temp. prom aire 0.001503 0.000571 2.630 0.009

L8.Conduct -0.023285 0.110665 -0.210 0.833

L8.Water 0.271425 1.353103 0.201 0.841

L8.Temp 1.774802 0.538331 3.297 0.001

L8.Precip. horaria 0.002205 0.004281 0.515 0.607

L8.Temp. prom aire -0.000429 0.000576 -0.746 0.456

L9.Conduct 0.031657 0.103936 0.305 0.761

L9.Water -0.564033 1.185523 -0.476 0.634

L9.Temp -1.515671 0.621801 -2.438 0.015

L9.Precip. horaria -0.001573 0.004323 -0.364 0.716

L9.Temp. prom aire -0.001341 0.000575 -2.333 0.020

L10.Conduct 0.054221 0.100469 0.540 0.589

L10.Water 0.673536 0.820238 0.821 0.412

L10.Temp 0.370804 0.528537 0.702 0.483

L10.Precip. horaria 0.000041 0.004213 0.010 0.992

L10.Temp. prom aire -0.000699 0.000581 -1.203 0.229

L11.Conduct -0.098688 0.070390 -1.402 0.161

L11.Water -0.382975 0.380783 -1.006 0.315

L11.Temp 0.187671 0.286465 0.655 0.512

L11.Precip. horaria -0.000631 0.004283 -0.147 0.883

L11.Temp. prom aire 0.000591 0.000578 1.022 0.307

L12.Conduct 0.040422 0.020882 1.936 0.053

L12.Water 0.089938 0.085197 1.056 0.291

L12.Temp -0.097103 0.072082 -1.347 0.178

L12.Precip. horaria 0.001924 0.004190 0.459 0.646

L12.Temp. prom aire -0.001070 0.000535 -2.000 0.046

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.191571 0.168772 -1.135 0.256

L1.Conduct 0.852508 0.640633 1.331 0.183

L1.Water -3.393396 2.065875 -1.643 0.100

L1.Temp 0.222926 0.583448 0.382 0.702

L1.Precip. horaria 0.191778 0.049409 3.881 0.000

L1.Temp. prom aire 0.005877 0.006445 0.912 0.362

L2.Conduct -3.232638 2.373895 -1.362 0.173

L2.Water 15.581873 8.167911 1.908 0.056

L2.Temp -1.351022 2.055006 -0.657 0.511

L2.Precip. horaria -0.038355 0.050206 -0.764 0.445

L2.Temp. prom aire 0.004994 0.006895 0.724 0.469

L3.Conduct 5.383422 3.746427 1.437 0.151

L3.Water -33.276325 14.439494 -2.305 0.021

L3.Temp 3.183321 3.328054 0.957 0.339

L3.Precip. horaria 0.219136 0.050378 4.350 0.000

L3.Temp. prom aire -0.003986 0.006895 -0.578 0.563

L4.Conduct -4.743643 3.266547 -1.452 0.146

L4.Water 45.520691 16.390677 2.777 0.005

L4.Temp -4.313907 3.767921 -1.145 0.252

L4.Precip. horaria -0.129338 0.051428 -2.515 0.012

L4.Temp. prom aire -0.007134 0.006912 -1.032 0.302

L5.Conduct 1.387528 1.874052 0.740 0.459

L5.Water -41.928172 16.202147 -2.588 0.010

L5.Temp 3.951420 3.870260 1.021 0.307

L5.Precip. horaria 0.089104 0.051727 1.723 0.085

L5.Temp. prom aire 0.002380 0.006919 0.344 0.731

L6.Conduct 1.249743 1.336468 0.935 0.350

L6.Water 23.340418 16.496590 1.415 0.157

L6.Temp -2.523734 4.000602 -0.631 0.528

L6.Precip. horaria -0.155689 0.050794 -3.065 0.002

L6.Temp. prom aire -0.004277 0.006841 -0.625 0.532

L7.Conduct -0.805813 1.318089 -0.611 0.541

L7.Water -7.521867 16.660003 -0.451 0.652

L7.Temp 0.257057 4.786370 0.054 0.957

L7.Precip. horaria 0.065167 0.051349 1.269 0.204

L7.Temp. prom aire 0.008602 0.006856 1.255 0.210

L8.Conduct -0.739580 1.327837 -0.557 0.578

L8.Water 5.679718 16.235432 0.350 0.726

L8.Temp 2.912670 6.459253 0.451 0.652

L8.Precip. horaria -0.028661 0.051363 -0.558 0.577

L8.Temp. prom aire -0.001747 0.006910 -0.253 0.800

L9.Conduct 0.754056 1.247089 0.605 0.545

L9.Water -7.732404 14.224706 -0.544 0.587

L9.Temp -4.977058 7.460781 -0.667 0.505

L9.Precip. horaria 0.128549 0.051865 2.479 0.013

L9.Temp. prom aire 0.005087 0.006897 0.738 0.461

L10.Conduct 0.295851 1.205489 0.245 0.806

L10.Water 4.732672 9.841771 0.481 0.631

L10.Temp 3.887636 6.341739 0.613 0.540

L10.Precip. horaria -0.065256 0.050554 -1.291 0.197

L10.Temp. prom aire -0.002708 0.006969 -0.389 0.698

L11.Conduct -0.616236 0.844592 -0.730 0.466

L11.Water -0.866898 4.568886 -0.190 0.850

L11.Temp -1.491025 3.437196 -0.434 0.664

L11.Precip. horaria -0.046224 0.051388 -0.900 0.368

L11.Temp. prom aire -0.006728 0.006940 -0.969 0.332

L12.Conduct 0.213665 0.250561 0.853 0.394

L12.Water -0.125427 1.022255 -0.123 0.902

L12.Temp 0.244892 0.864893 0.283 0.777

L12.Precip. horaria -0.034560 0.050271 -0.687 0.492

L12.Temp. prom aire 0.000751 0.006418 0.117 0.907

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.072370 1.293025 0.056 0.955

L1.Conduct 6.299397 4.908121 1.283 0.199

L1.Water -26.828329 15.827417 -1.695 0.090

L1.Temp 4.793194 4.470003 1.072 0.284

L1.Precip. horaria 0.003950 0.378536 0.010 0.992

L1.Temp. prom aire 0.398242 0.049376 8.066 0.000

L2.Conduct -23.804960 18.187271 -1.309 0.191

L2.Water 121.192013 62.577317 1.937 0.053

L2.Temp -17.938045 15.744147 -1.139 0.255

L2.Precip. horaria -0.601510 0.384646 -1.564 0.118

L2.Temp. prom aire 0.043152 0.052829 0.817 0.414

L3.Conduct 35.825167 28.702730 1.248 0.212

L3.Water -238.710352 110.626182 -2.158 0.031

L3.Temp 40.316554 25.497427 1.581 0.114

L3.Precip. horaria -0.396750 0.385964 -1.028 0.304

L3.Temp. prom aire 0.022188 0.052828 0.420 0.674

L4.Conduct -22.589731 25.026196 -0.903 0.367

L4.Water 273.542789 125.574898 2.178 0.029

L4.Temp -41.347518 28.867408 -1.432 0.152

L4.Precip. horaria 0.254001 0.394005 0.645 0.519

L4.Temp. prom aire 0.052891 0.052955 0.999 0.318

L5.Conduct 2.154384 14.357792 0.150 0.881

L5.Water -218.408691 124.130506 -1.760 0.078

L5.Temp 4.857304 29.651464 0.164 0.870

L5.Precip. horaria -0.403686 0.396302 -1.019 0.308

L5.Temp. prom aire -0.017029 0.053011 -0.321 0.748

L6.Conduct -0.244163 10.239161 -0.024 0.981

L6.Water 141.652674 126.386339 1.121 0.262

L6.Temp 3.762864 30.650061 0.123 0.902

L6.Precip. horaria -0.332781 0.389152 -0.855 0.392

L6.Temp. prom aire -0.055181 0.052415 -1.053 0.292

L7.Conduct 3.634670 10.098358 0.360 0.719

L7.Water -60.413276 127.638308 -0.473 0.636

L7.Temp 42.207430 36.670112 1.151 0.250

L7.Precip. horaria -0.338531 0.393402 -0.861 0.390

L7.Temp. prom aire 0.145907 0.052529 2.778 0.005

L8.Conduct 1.490072 10.173038 0.146 0.884

L8.Water -15.060259 124.385515 -0.121 0.904

L8.Temp -73.025720 49.486672 -1.476 0.140

L8.Precip. horaria 0.017530 0.393513 0.045 0.964

L8.Temp. prom aire -0.006051 0.052938 -0.114 0.909

L9.Conduct -8.004119 9.554402 -0.838 0.402

L9.Water 54.344786 108.980617 0.499 0.618

L9.Temp 50.367591 57.159738 0.881 0.378

L9.Precip. horaria 0.415673 0.397360 1.046 0.296

L9.Temp. prom aire -0.084640 0.052840 -1.602 0.109

L10.Conduct 10.446111 9.235687 1.131 0.258

L10.Water -56.190202 75.401361 -0.745 0.456

L10.Temp -10.008903 48.586356 -0.206 0.837

L10.Precip. horaria 0.503156 0.387316 1.299 0.194

L10.Temp. prom aire -0.030476 0.053392 -0.571 0.568

L11.Conduct -6.999973 6.470726 -1.082 0.279

L11.Water 33.751981 35.003889 0.964 0.335

L11.Temp -8.691686 26.333598 -0.330 0.741

L11.Precip. horaria 0.514730 0.393701 1.307 0.191

L11.Temp. prom aire -0.027781 0.053166 -0.523 0.601

L12.Conduct 1.824877 1.919641 0.951 0.342

L12.Water -8.861060 7.831867 -1.131 0.258

L12.Temp 4.997238 6.626259 0.754 0.451

L12.Precip. horaria -0.007953 0.385144 -0.021 0.984

L12.Temp. prom aire 0.031985 0.049174 0.650 0.515

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.908184 0.054952 0.003756 0.039891

Water 0.908184 1.000000 0.029424 -0.038879 0.014954

Temp 0.054952 0.029424 1.000000 0.032439 -0.063631

Precip. horaria 0.003756 -0.038879 0.032439 1.000000 0.081155

Temp. prom aire 0.039891 0.014954 -0.063631 0.081155 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -22.9276

Nobs: 476.000 HQIC: -24.5471

Log likelihood: 3019.91 FPE: 7.70234e-12

AIC: -25.5966 Det(Omega\_mle): 4.21489e-12

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.186752 0.056465 3.307 0.001

L1.Conduct 4.255159 0.071599 59.431 0.000

L1.Water -1.124675 0.435464 -2.583 0.010

L1.Temp -0.492317 0.338753 -1.453 0.146

L1.Precip. horaria -0.004963 0.016231 -0.306 0.760

L1.Temp. prom aire -0.000775 0.002022 -0.383 0.701

L2.Conduct -7.783668 0.285753 -27.239 0.000

L2.Water 3.853721 1.786113 2.158 0.031

L2.Temp 1.676215 1.324172 1.266 0.206

L2.Precip. horaria -0.023737 0.016309 -1.456 0.146

L2.Temp. prom aire 0.001461 0.002183 0.669 0.503

L3.Conduct 7.967327 0.504361 15.797 0.000

L3.Water -4.245504 3.327624 -1.276 0.202

L3.Temp -2.715057 2.380019 -1.141 0.254

L3.Precip. horaria 0.006534 0.016353 0.400 0.689

L3.Temp. prom aire -0.004947 0.002180 -2.269 0.023

L4.Conduct -4.921470 0.535825 -9.185 0.000

L4.Water 0.061385 4.015659 0.015 0.988

L4.Temp 3.077039 2.845710 1.081 0.280

L4.Precip. horaria -0.042195 0.016684 -2.529 0.011

L4.Temp. prom aire 0.002618 0.002193 1.194 0.233

L5.Conduct 2.035969 0.433773 4.694 0.000

L5.Water 1.898197 4.049434 0.469 0.639

L5.Temp -2.737867 2.934844 -0.933 0.351

L5.Precip. horaria -0.014637 0.016729 -0.875 0.382

L5.Temp. prom aire -0.001141 0.002199 -0.519 0.604

L6.Conduct -1.192252 0.372562 -3.200 0.001

L6.Water 4.968622 4.030023 1.233 0.218

L6.Temp 1.663246 3.095742 0.537 0.591

L6.Precip. horaria 0.028155 0.016553 1.701 0.089

L6.Temp. prom aire 0.000345 0.002182 0.158 0.874

L7.Conduct 0.952513 0.366590 2.598 0.009

L7.Water -15.660885 4.030219 -3.886 0.000

L7.Temp -0.383629 3.491584 -0.110 0.913

L7.Precip. horaria 0.041010 0.016670 2.460 0.014

L7.Temp. prom aire 0.002894 0.002178 1.328 0.184

L8.Conduct 0.167607 0.367671 0.456 0.648

L8.Water 20.047927 3.962548 5.059 0.000

L8.Temp -0.119409 3.964674 -0.030 0.976

L8.Precip. horaria -0.027519 0.016760 -1.642 0.101

L8.Temp. prom aire -0.001963 0.002201 -0.892 0.372

L9.Conduct -1.061056 0.361160 -2.938 0.003

L9.Water -15.638082 3.588216 -4.358 0.000

L9.Temp -0.551215 4.022644 -0.137 0.891

L9.Precip. horaria -0.001359 0.016712 -0.081 0.935

L9.Temp. prom aire -0.003957 0.002194 -1.803 0.071

L10.Conduct 0.713045 0.318644 2.238 0.025

L10.Water 8.034359 2.656399 3.025 0.002

L10.Temp 1.391231 3.183378 0.437 0.662

L10.Precip. horaria -0.001503 0.016418 -0.092 0.927

L10.Temp. prom aire 0.001175 0.002212 0.531 0.595

L11.Conduct -0.102242 0.186783 -0.547 0.584

L11.Water -2.619028 1.327042 -1.974 0.048

L11.Temp -1.171064 1.641803 -0.713 0.476

L11.Precip. horaria 0.000172 0.016708 0.010 0.992

L11.Temp. prom aire 0.000678 0.002199 0.308 0.758

L12.Conduct -0.030957 0.048588 -0.637 0.524

L12.Water 0.420247 0.311846 1.348 0.178

L12.Temp 0.360965 0.396088 0.911 0.362

L12.Precip. horaria 0.006887 0.016242 0.424 0.672

L12.Temp. prom aire -0.000933 0.002036 -0.458 0.647

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.018225 0.009749 1.869 0.062

L1.Conduct 0.029594 0.012362 2.394 0.017

L1.Water 4.036518 0.075188 53.686 0.000

L1.Temp 0.025435 0.058490 0.435 0.664

L1.Precip. horaria -0.002322 0.002802 -0.829 0.407

L1.Temp. prom aire -0.000499 0.000349 -1.428 0.153

L2.Conduct -0.111446 0.049339 -2.259 0.024

L2.Water -7.048773 0.308394 -22.856 0.000

L2.Temp -0.104840 0.228634 -0.459 0.647

L2.Precip. horaria -0.002949 0.002816 -1.047 0.295

L2.Temp. prom aire 0.000339 0.000377 0.899 0.369

L3.Conduct 0.154437 0.087084 1.773 0.076

L3.Water 7.308006 0.574555 12.719 0.000

L3.Temp 0.148685 0.410939 0.362 0.717

L3.Precip. horaria -0.003878 0.002824 -1.373 0.170

L3.Temp. prom aire -0.000642 0.000376 -1.706 0.088

L4.Conduct -0.084145 0.092517 -0.910 0.363

L4.Water -5.320666 0.693352 -7.674 0.000

L4.Temp -0.042683 0.491346 -0.087 0.931

L4.Precip. horaria -0.005875 0.002881 -2.040 0.041

L4.Temp. prom aire 0.000346 0.000379 0.915 0.360

L5.Conduct 0.037738 0.074896 0.504 0.614

L5.Water 2.609361 0.699184 3.732 0.000

L5.Temp -0.122319 0.506736 -0.241 0.809

L5.Precip. horaria -0.000446 0.002888 -0.154 0.877

L5.Temp. prom aire -0.000294 0.000380 -0.773 0.439

L6.Conduct -0.136359 0.064327 -2.120 0.034

L6.Water 0.382123 0.695832 0.549 0.583

L6.Temp 0.127004 0.534517 0.238 0.812

L6.Precip. horaria 0.008366 0.002858 2.927 0.003

L6.Temp. prom aire 0.000111 0.000377 0.295 0.768

L7.Conduct 0.216654 0.063296 3.423 0.001

L7.Water -3.117325 0.695866 -4.480 0.000

L7.Temp 0.055459 0.602864 0.092 0.927

L7.Precip. horaria 0.006140 0.002878 2.133 0.033

L7.Temp. prom aire 0.000091 0.000376 0.241 0.809

L8.Conduct -0.106796 0.063483 -1.682 0.093

L8.Water 4.503962 0.684182 6.583 0.000

L8.Temp -0.160075 0.684549 -0.234 0.815

L8.Precip. horaria -0.009441 0.002894 -3.263 0.001

L8.Temp. prom aire -0.000075 0.000380 -0.197 0.844

L9.Conduct -0.066507 0.062359 -1.067 0.286

L9.Water -3.823428 0.619549 -6.171 0.000

L9.Temp 0.014803 0.694558 0.021 0.983

L9.Precip. horaria -0.002218 0.002885 -0.769 0.442

L9.Temp. prom aire -0.000605 0.000379 -1.596 0.110

L10.Conduct 0.109815 0.055018 1.996 0.046

L10.Water 1.907773 0.458660 4.159 0.000

L10.Temp 0.158961 0.549649 0.289 0.772

L10.Precip. horaria 0.007321 0.002835 2.582 0.010

L10.Temp. prom aire 0.000251 0.000382 0.657 0.511

L11.Conduct -0.050545 0.032250 -1.567 0.117

L11.Water -0.470463 0.229130 -2.053 0.040

L11.Temp -0.143068 0.283477 -0.505 0.614

L11.Precip. horaria 0.000511 0.002885 0.177 0.859

L11.Temp. prom aire -0.000104 0.000380 -0.273 0.785

L12.Conduct 0.007636 0.008389 0.910 0.363

L12.Water 0.032288 0.053844 0.600 0.549

L12.Temp 0.042876 0.068389 0.627 0.531

L12.Precip. horaria -0.000835 0.002804 -0.298 0.766

L12.Temp. prom aire -0.000015 0.000352 -0.042 0.966

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.007589 0.008102 -0.937 0.349

L1.Conduct -0.034355 0.010274 -3.344 0.001

L1.Water 0.151868 0.062487 2.430 0.015

L1.Temp 3.775775 0.048609 77.676 0.000

L1.Precip. horaria -0.001565 0.002329 -0.672 0.502

L1.Temp. prom aire 0.000178 0.000290 0.612 0.541

L2.Conduct 0.138828 0.041004 3.386 0.001

L2.Water -0.657825 0.256297 -2.567 0.010

L2.Temp -5.910760 0.190011 -31.107 0.000

L2.Precip. horaria -0.000746 0.002340 -0.319 0.750

L2.Temp. prom aire -0.000229 0.000313 -0.732 0.464

L3.Conduct -0.230416 0.072373 -3.184 0.001

L3.Water 1.167544 0.477495 2.445 0.014

L3.Temp 4.942192 0.341519 14.471 0.000

L3.Precip. horaria 0.000277 0.002347 0.118 0.906

L3.Temp. prom aire -0.000619 0.000313 -1.980 0.048

L4.Conduct 0.189637 0.076888 2.466 0.014

L4.Water -1.055207 0.576224 -1.831 0.067

L4.Temp -2.271431 0.408343 -5.563 0.000

L4.Precip. horaria 0.003785 0.002394 1.581 0.114

L4.Temp. prom aire -0.000239 0.000315 -0.761 0.447

L5.Conduct -0.044359 0.062244 -0.713 0.476

L5.Water 0.373300 0.581070 0.642 0.521

L5.Temp 0.345702 0.421133 0.821 0.412

L5.Precip. horaria -0.001380 0.002400 -0.575 0.565

L5.Temp. prom aire -0.000124 0.000316 -0.392 0.695

L6.Conduct -0.066544 0.053460 -1.245 0.213

L6.Water 0.202211 0.578285 0.350 0.727

L6.Temp 0.522208 0.444221 1.176 0.240

L6.Precip. horaria -0.001295 0.002375 -0.545 0.586

L6.Temp. prom aire 0.000359 0.000313 1.148 0.251

L7.Conduct 0.069335 0.052604 1.318 0.187

L7.Water -0.232165 0.578313 -0.401 0.688

L7.Temp -1.483933 0.501022 -2.962 0.003

L7.Precip. horaria 0.000479 0.002392 0.200 0.841

L7.Temp. prom aire 0.000662 0.000313 2.117 0.034

L8.Conduct -0.028366 0.052759 -0.538 0.591

L8.Water -0.024206 0.568602 -0.043 0.966

L8.Temp 2.660732 0.568908 4.677 0.000

L8.Precip. horaria -0.001677 0.002405 -0.697 0.486

L8.Temp. prom aire -0.000491 0.000316 -1.553 0.120

L9.Conduct 0.018644 0.051824 0.360 0.719

L9.Water 0.091016 0.514888 0.177 0.860

L9.Temp -2.659162 0.577226 -4.607 0.000

L9.Precip. horaria -0.002015 0.002398 -0.840 0.401

L9.Temp. prom aire -0.000670 0.000315 -2.128 0.033

L10.Conduct -0.018207 0.045724 -0.398 0.690

L10.Water 0.036306 0.381178 0.095 0.924

L10.Temp 1.362279 0.456796 2.982 0.003

L10.Precip. horaria 0.000813 0.002356 0.345 0.730

L10.Temp. prom aire -0.000047 0.000317 -0.147 0.883

L11.Conduct 0.004964 0.026802 0.185 0.853

L11.Water -0.087895 0.190423 -0.462 0.644

L11.Temp -0.273673 0.235589 -1.162 0.245

L11.Precip. horaria -0.001838 0.002398 -0.767 0.443

L11.Temp. prom aire 0.000212 0.000316 0.672 0.502

L12.Conduct 0.000987 0.006972 0.142 0.887

L12.Water 0.034873 0.044748 0.779 0.436

L12.Temp -0.008825 0.056836 -0.155 0.877

L12.Precip. horaria 0.000609 0.002331 0.262 0.794

L12.Temp. prom aire -0.000595 0.000292 -2.037 0.042

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.485357 0.171823 -2.825 0.005

L1.Conduct 0.156358 0.217873 0.718 0.473

L1.Water -1.453934 1.325110 -1.097 0.273

L1.Temp 0.158990 1.030818 0.154 0.877

L1.Precip. horaria 0.133970 0.049390 2.712 0.007

L1.Temp. prom aire 0.005046 0.006154 0.820 0.412

L2.Conduct -0.124360 0.869542 -0.143 0.886

L2.Water 4.327885 5.435113 0.796 0.426

L2.Temp -1.754601 4.029432 -0.435 0.663

L2.Precip. horaria -0.076528 0.049627 -1.542 0.123

L2.Temp. prom aire 0.003360 0.006642 0.506 0.613

L3.Conduct -0.068909 1.534761 -0.045 0.964

L3.Water -8.619311 10.125905 -0.851 0.395

L3.Temp 3.412981 7.242357 0.471 0.637

L3.Precip. horaria 0.220217 0.049761 4.425 0.000

L3.Temp. prom aire -0.006214 0.006634 -0.937 0.349

L4.Conduct -0.351209 1.630508 -0.215 0.829

L4.Water 17.600343 12.219583 1.440 0.150

L4.Temp -0.475398 8.659448 -0.055 0.956

L4.Precip. horaria -0.136185 0.050768 -2.682 0.007

L4.Temp. prom aire -0.009048 0.006673 -1.356 0.175

L5.Conduct 0.677229 1.319963 0.513 0.608

L5.Water -24.258045 12.322360 -1.969 0.049

L5.Temp -5.724944 8.930680 -0.641 0.521

L5.Precip. horaria 0.081068 0.050905 1.593 0.111

L5.Temp. prom aire 0.001019 0.006691 0.152 0.879

L6.Conduct -0.364985 1.133698 -0.322 0.747

L6.Water 19.358878 12.263292 1.579 0.114

L6.Temp 9.823664 9.420291 1.043 0.297

L6.Precip. horaria -0.157528 0.050370 -3.127 0.002

L6.Temp. prom aire -0.004082 0.006641 -0.615 0.539

L7.Conduct 0.372704 1.115527 0.334 0.738

L7.Water -11.672299 12.263888 -0.952 0.341

L7.Temp -11.591250 10.624830 -1.091 0.275

L7.Precip. horaria 0.069502 0.050727 1.370 0.171

L7.Temp. prom aire 0.007010 0.006628 1.058 0.290

L8.Conduct -0.672241 1.118816 -0.601 0.548

L8.Water 9.979640 12.057966 0.828 0.408

L8.Temp 13.508179 12.064436 1.120 0.263

L8.Precip. horaria -0.014301 0.051001 -0.280 0.779

L8.Temp. prom aire -0.002190 0.006696 -0.327 0.744

L9.Conduct 0.595326 1.099004 0.542 0.588

L9.Water -9.637108 10.918880 -0.883 0.377

L9.Temp -14.208391 12.240840 -1.161 0.246

L9.Precip. horaria 0.149989 0.050853 2.949 0.003

L9.Temp. prom aire 0.004166 0.006677 0.624 0.533

L10.Conduct -0.283737 0.969630 -0.293 0.770

L10.Water 6.757382 8.083379 0.836 0.403

L10.Temp 10.570039 9.686966 1.091 0.275

L10.Precip. horaria -0.092757 0.049960 -1.857 0.063

L10.Temp. prom aire -0.001670 0.006731 -0.248 0.804

L11.Conduct 0.064471 0.568377 0.113 0.910

L11.Water -3.008735 4.038168 -0.745 0.456

L11.Temp -4.684297 4.995979 -0.938 0.348

L11.Precip. horaria -0.085546 0.050843 -1.683 0.092

L11.Temp. prom aire -0.006324 0.006691 -0.945 0.345

L12.Conduct 0.000523 0.147854 0.004 0.997

L12.Water 0.636356 0.948942 0.671 0.502

L12.Temp 0.980558 1.205290 0.814 0.416

L12.Precip. horaria -0.037953 0.049423 -0.768 0.443

L12.Temp. prom aire 0.000757 0.006197 0.122 0.903

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.682682 1.374133 0.497 0.619

L1.Conduct 2.568827 1.742412 1.474 0.140

L1.Water -20.093695 10.597387 -1.896 0.058

L1.Temp 8.201250 8.243828 0.995 0.320

L1.Precip. horaria -0.055874 0.394992 -0.141 0.888

L1.Temp. prom aire 0.415182 0.049215 8.436 0.000

L2.Conduct -9.039489 6.954043 -1.300 0.194

L2.Water 83.614644 43.466565 1.924 0.054

L2.Temp -33.499244 32.224825 -1.040 0.299

L2.Precip. horaria -0.597807 0.396882 -1.506 0.132

L2.Temp. prom aire 0.035417 0.053120 0.667 0.505

L3.Conduct 13.152461 12.274041 1.072 0.284

L3.Water -161.043188 80.980520 -1.989 0.047

L3.Temp 66.141044 57.919749 1.142 0.253

L3.Precip. horaria -0.213287 0.397959 -0.536 0.592

L3.Temp. prom aire 0.012181 0.053056 0.230 0.818

L4.Conduct -7.297373 13.039762 -0.560 0.576

L4.Water 184.568659 97.724423 1.889 0.059

L4.Temp -51.669971 69.252737 -0.746 0.456

L4.Precip. horaria 0.336396 0.406011 0.829 0.407

L4.Temp. prom aire 0.039346 0.053369 0.737 0.461

L5.Conduct -3.388436 10.556223 -0.321 0.748

L5.Water -135.013837 98.546365 -1.370 0.171

L5.Temp -11.164166 71.421879 -0.156 0.876

L5.Precip. horaria -0.383942 0.407107 -0.943 0.346

L5.Temp. prom aire -0.014173 0.053513 -0.265 0.791

L6.Conduct 4.278001 9.066596 0.472 0.637

L6.Water 73.188987 98.073979 0.746 0.456

L6.Temp 18.093701 75.337474 0.240 0.810

L6.Precip. horaria -0.252684 0.402830 -0.627 0.530

L6.Temp. prom aire -0.048721 0.053109 -0.917 0.359

L7.Conduct 2.862493 8.921274 0.321 0.748

L7.Water -34.208057 98.078744 -0.349 0.727

L7.Temp 53.584820 84.970610 0.631 0.528

L7.Precip. horaria -0.256798 0.405679 -0.633 0.527

L7.Temp. prom aire 0.144998 0.053010 2.735 0.006

L8.Conduct -3.105914 8.947574 -0.347 0.728

L8.Water -9.198958 96.431913 -0.095 0.924

L8.Temp -105.149049 96.483655 -1.090 0.276

L8.Precip. horaria 0.063411 0.407875 0.155 0.876

L8.Temp. prom aire -0.022208 0.053553 -0.415 0.678

L9.Conduct -3.533473 8.789136 -0.402 0.688

L9.Water 50.929514 87.322234 0.583 0.560

L9.Temp 78.985802 97.894421 0.807 0.420

L9.Precip. horaria 0.437477 0.406689 1.076 0.282

L9.Temp. prom aire -0.083173 0.053399 -1.558 0.119

L10.Conduct 6.520753 7.754480 0.841 0.400

L10.Water -56.028227 64.645704 -0.867 0.386

L10.Temp -16.157426 77.470173 -0.209 0.835

L10.Precip. horaria 0.452287 0.399544 1.132 0.258

L10.Temp. prom aire -0.004271 0.053827 -0.079 0.937

L11.Conduct -3.877514 4.545513 -0.853 0.394

L11.Water 29.934567 32.294690 0.927 0.354

L11.Temp -15.868734 39.954652 -0.397 0.691

L11.Precip. horaria 0.373191 0.406610 0.918 0.359

L11.Temp. prom aire -0.010217 0.053509 -0.191 0.849

L12.Conduct 0.873895 1.182441 0.739 0.460

L12.Water -6.667655 7.589034 -0.879 0.380

L12.Temp 8.800013 9.639137 0.913 0.361

L12.Precip. horaria -0.053771 0.395255 -0.136 0.892

L12.Temp. prom aire 0.009720 0.049556 0.196 0.844

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.798553 0.021043 -0.021691 -0.031155

Water 0.798553 1.000000 -0.070236 -0.082061 -0.046960

Temp 0.021043 -0.070236 1.000000 0.032637 -0.023994

Precip. horaria -0.021691 -0.082061 0.032637 1.000000 0.085853

Temp. prom aire -0.031155 -0.046960 -0.023994 0.085853 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.8130

Nobs: 476.000 HQIC: -26.4325

Log likelihood: 3468.64 FPE: 1.16898e-12

AIC: -27.4820 Det(Omega\_mle): 6.39690e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.032561 0.013414 2.427 0.015

L1.Conduct 3.890863 0.104292 37.307 0.000

L1.Water 0.339084 0.196646 1.724 0.085

L1.Temp -0.396389 0.077063 -5.144 0.000

L1.Precip. horaria -0.007056 0.005394 -1.308 0.191

L1.Temp. prom aire 0.000550 0.000692 0.794 0.427

L2.Conduct -6.421327 0.449021 -14.301 0.000

L2.Water -1.264421 0.837857 -1.509 0.131

L2.Temp 1.513147 0.287356 5.266 0.000

L2.Precip. horaria -0.001783 0.005433 -0.328 0.743

L2.Temp. prom aire 0.000574 0.000744 0.772 0.440

L3.Conduct 5.970807 0.903331 6.610 0.000

L3.Water 1.879232 1.660847 1.131 0.258

L3.Temp -2.439555 0.491546 -4.963 0.000

L3.Precip. horaria -0.006899 0.005420 -1.273 0.203

L3.Temp. prom aire -0.001734 0.000743 -2.332 0.020

L4.Conduct -3.574713 1.174373 -3.044 0.002

L4.Water -1.330511 2.140527 -0.622 0.534

L4.Temp 2.144442 0.564223 3.801 0.000

L4.Precip. horaria -0.012111 0.005549 -2.183 0.029

L4.Temp. prom aire 0.001222 0.000746 1.638 0.102

L5.Conduct 1.646590 1.145466 1.437 0.151

L5.Water 0.107127 2.123499 0.050 0.960

L5.Temp -1.057133 0.565546 -1.869 0.062

L5.Precip. horaria -0.001147 0.005638 -0.203 0.839

L5.Temp. prom aire 0.000117 0.000751 0.156 0.876

L6.Conduct -0.749989 0.915490 -0.819 0.413

L6.Water 1.164576 1.822555 0.639 0.523

L6.Temp 0.087694 0.575375 0.152 0.879

L6.Precip. horaria 0.005690 0.005592 1.017 0.309

L6.Temp. prom aire 0.000627 0.000740 0.848 0.397

L7.Conduct 0.010206 0.686737 0.015 0.988

L7.Water -2.838278 1.550195 -1.831 0.067

L7.Temp 0.560628 0.637743 0.879 0.379

L7.Precip. horaria 0.005086 0.005578 0.912 0.362

L7.Temp. prom aire 0.000626 0.000742 0.844 0.399

L8.Conduct 0.611529 0.583596 1.048 0.295

L8.Water 5.186787 1.424701 3.641 0.000

L8.Temp -1.127019 0.759513 -1.484 0.138

L8.Precip. horaria -0.003609 0.005599 -0.645 0.519

L8.Temp. prom aire -0.000516 0.000746 -0.691 0.490

L9.Conduct -0.325880 0.540379 -0.603 0.546

L9.Water -6.577103 1.326554 -4.958 0.000

L9.Temp 1.525625 0.825199 1.849 0.064

L9.Precip. horaria -0.000849 0.005499 -0.154 0.877

L9.Temp. prom aire -0.001043 0.000750 -1.391 0.164

L10.Conduct -0.359952 0.445717 -0.808 0.419

L10.Water 5.183859 1.068248 4.853 0.000

L10.Temp -1.297534 0.691796 -1.876 0.061

L10.Precip. horaria -0.011134 0.005393 -2.065 0.039

L10.Temp. prom aire 0.000872 0.000752 1.160 0.246

L11.Conduct 0.421776 0.248336 1.698 0.089

L11.Water -2.282870 0.573411 -3.981 0.000

L11.Temp 0.592735 0.374517 1.583 0.113

L11.Precip. horaria 0.000942 0.005546 0.170 0.865

L11.Temp. prom aire -0.000503 0.000750 -0.670 0.503

L12.Conduct -0.120700 0.062825 -1.921 0.055

L12.Water 0.432454 0.139727 3.095 0.002

L12.Temp -0.108043 0.094209 -1.147 0.251

L12.Precip. horaria 0.005350 0.005471 0.978 0.328

L12.Temp. prom aire -0.000109 0.000698 -0.156 0.876

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.015719 0.007102 2.213 0.027

L1.Conduct -0.194658 0.055220 -3.525 0.000

L1.Water 4.319564 0.104119 41.487 0.000

L1.Temp -0.197183 0.040803 -4.833 0.000

L1.Precip. horaria -0.004724 0.002856 -1.654 0.098

L1.Temp. prom aire 0.000137 0.000366 0.373 0.709

L2.Conduct 0.790630 0.237744 3.326 0.001

L2.Water -8.066716 0.443622 -18.184 0.000

L2.Temp 0.777303 0.152147 5.109 0.000

L2.Precip. horaria 0.001111 0.002876 0.386 0.699

L2.Temp. prom aire 0.000434 0.000394 1.102 0.270

L3.Conduct -1.378947 0.478289 -2.883 0.004

L3.Water 8.646608 0.879372 9.833 0.000

L3.Temp -1.301323 0.260260 -5.000 0.000

L3.Precip. horaria -0.007581 0.002870 -2.642 0.008

L3.Temp. prom aire -0.000689 0.000394 -1.751 0.080

L4.Conduct 1.333487 0.621797 2.145 0.032

L4.Water -5.948698 1.133349 -5.249 0.000

L4.Temp 1.181786 0.298740 3.956 0.000

L4.Precip. horaria -0.002206 0.002938 -0.751 0.453

L4.Temp. prom aire 0.000242 0.000395 0.613 0.540

L5.Conduct -0.783963 0.606492 -1.293 0.196

L5.Water 2.786907 1.124333 2.479 0.013

L5.Temp -0.593461 0.299441 -1.982 0.047

L5.Precip. horaria 0.000747 0.002985 0.250 0.803

L5.Temp. prom aire -0.000259 0.000398 -0.651 0.515

L6.Conduct 0.433025 0.484726 0.893 0.372

L6.Water -0.898459 0.964992 -0.931 0.352

L6.Temp 0.088211 0.304645 0.290 0.772

L6.Precip. horaria 0.004944 0.002961 1.670 0.095

L6.Temp. prom aire 0.000434 0.000392 1.107 0.268

L7.Conduct -0.476780 0.363608 -1.311 0.190

L7.Water -0.514232 0.820785 -0.627 0.531

L7.Temp 0.179897 0.337667 0.533 0.594

L7.Precip. horaria 0.003782 0.002953 1.280 0.200

L7.Temp. prom aire 0.000159 0.000393 0.406 0.685

L8.Conduct 0.276939 0.308998 0.896 0.370

L8.Water 2.568136 0.754339 3.404 0.001

L8.Temp -0.408642 0.402141 -1.016 0.310

L8.Precip. horaria -0.002847 0.002964 -0.960 0.337

L8.Temp. prom aire -0.000049 0.000395 -0.123 0.902

L9.Conduct 0.400932 0.286115 1.401 0.161

L9.Water -3.962997 0.702373 -5.642 0.000

L9.Temp 0.633675 0.436920 1.450 0.147

L9.Precip. horaria -0.003410 0.002911 -1.171 0.241

L9.Temp. prom aire -0.000514 0.000397 -1.295 0.195

L10.Conduct -0.779312 0.235995 -3.302 0.001

L10.Water 3.106488 0.565607 5.492 0.000

L10.Temp -0.608159 0.366286 -1.660 0.097

L10.Precip. horaria 0.000756 0.002855 0.265 0.791

L10.Temp. prom aire 0.000188 0.000398 0.473 0.636

L11.Conduct 0.491480 0.131487 3.738 0.000

L11.Water -1.231017 0.303605 -4.055 0.000

L11.Temp 0.313943 0.198296 1.583 0.113

L11.Precip. horaria -0.003001 0.002936 -1.022 0.307

L11.Temp. prom aire -0.000045 0.000397 -0.114 0.909

L12.Conduct -0.112983 0.033264 -3.397 0.001

L12.Water 0.194124 0.073982 2.624 0.009

L12.Temp -0.066542 0.049881 -1.334 0.182

L12.Precip. horaria 0.000709 0.002897 0.245 0.807

L12.Temp. prom aire 0.000026 0.000370 0.071 0.943

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.002011 0.008678 0.232 0.817

L1.Conduct -0.132568 0.067472 -1.965 0.049

L1.Water 0.091305 0.127220 0.718 0.473

L1.Temp 3.532580 0.049856 70.856 0.000

L1.Precip. horaria -0.002986 0.003490 -0.856 0.392

L1.Temp. prom aire 0.000474 0.000448 1.060 0.289

L2.Conduct 0.457624 0.290494 1.575 0.115

L2.Water -0.287729 0.542053 -0.531 0.596

L2.Temp -5.027045 0.185906 -27.041 0.000

L2.Precip. horaria 0.000155 0.003515 0.044 0.965

L2.Temp. prom aire 0.000199 0.000481 0.413 0.679

L3.Conduct -0.607047 0.584411 -1.039 0.299

L3.Water 0.224569 1.074487 0.209 0.834

L3.Temp 3.665240 0.318006 11.526 0.000

L3.Precip. horaria 0.002475 0.003506 0.706 0.480

L3.Temp. prom aire -0.000801 0.000481 -1.666 0.096

L4.Conduct 0.345798 0.759762 0.455 0.649

L4.Water 0.242120 1.384817 0.175 0.861

L4.Temp -1.379151 0.365025 -3.778 0.000

L4.Precip. horaria 0.003039 0.003590 0.846 0.397

L4.Temp. prom aire -0.000690 0.000483 -1.430 0.153

L5.Conduct 0.019484 0.741060 0.026 0.979

L5.Water -0.637374 1.373800 -0.464 0.643

L5.Temp 0.150458 0.365880 0.411 0.681

L5.Precip. horaria -0.002684 0.003648 -0.736 0.462

L5.Temp. prom aire -0.000179 0.000486 -0.368 0.713

L6.Conduct -0.227850 0.592277 -0.385 0.700

L6.Water 0.651163 1.179104 0.552 0.581

L6.Temp 0.310954 0.372240 0.835 0.404

L6.Precip. horaria -0.001776 0.003618 -0.491 0.623

L6.Temp. prom aire 0.000778 0.000478 1.626 0.104

L7.Conduct 0.359498 0.444286 0.809 0.418

L7.Water -0.484020 1.002901 -0.483 0.629

L7.Temp -1.251816 0.412589 -3.034 0.002

L7.Precip. horaria 0.001382 0.003609 0.383 0.702

L7.Temp. prom aire 0.001427 0.000480 2.975 0.003

L8.Conduct -0.474533 0.377558 -1.257 0.209

L8.Water 0.336059 0.921712 0.365 0.715

L8.Temp 2.471590 0.491368 5.030 0.000

L8.Precip. horaria -0.000087 0.003622 -0.024 0.981

L8.Temp. prom aire -0.001087 0.000483 -2.250 0.024

L9.Conduct 0.443823 0.349599 1.270 0.204

L9.Water -0.262749 0.858216 -0.306 0.759

L9.Temp -2.363940 0.533864 -4.428 0.000

L9.Precip. horaria -0.002153 0.003557 -0.605 0.545

L9.Temp. prom aire -0.001212 0.000485 -2.499 0.012

L10.Conduct -0.226250 0.288357 -0.785 0.433

L10.Water 0.258499 0.691104 0.374 0.708

L10.Temp 1.052362 0.447558 2.351 0.019

L10.Precip. horaria 0.000264 0.003489 0.076 0.940

L10.Temp. prom aire -0.000055 0.000486 -0.114 0.909

L11.Conduct 0.032579 0.160661 0.203 0.839

L11.Water -0.200434 0.370969 -0.540 0.589

L11.Temp -0.125123 0.242294 -0.516 0.606

L11.Precip. horaria -0.001681 0.003588 -0.469 0.639

L11.Temp. prom aire 0.000530 0.000485 1.092 0.275

L12.Conduct 0.009768 0.040645 0.240 0.810

L12.Water 0.068496 0.090397 0.758 0.449

L12.Temp -0.035325 0.060948 -0.580 0.562

L12.Precip. horaria 0.001811 0.003540 0.512 0.609

L12.Temp. prom aire -0.000888 0.000452 -1.967 0.049

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.161608 0.122902 -1.315 0.189

L1.Conduct 1.296407 0.955531 1.357 0.175

L1.Water -2.118346 1.801691 -1.176 0.240

L1.Temp 0.119540 0.706060 0.169 0.866

L1.Precip. horaria 0.180416 0.049423 3.650 0.000

L1.Temp. prom aire 0.003624 0.006340 0.572 0.568

L2.Conduct -5.705677 4.113972 -1.387 0.165

L2.Water 8.467999 7.676533 1.103 0.270

L2.Temp -1.097450 2.632787 -0.417 0.677

L2.Precip. horaria -0.043873 0.049775 -0.881 0.378

L2.Temp. prom aire 0.003751 0.006817 0.550 0.582

L3.Conduct 15.074484 8.276409 1.821 0.069

L3.Water -22.320331 15.216845 -1.467 0.142

L3.Temp 2.516957 4.503589 0.559 0.576

L3.Precip. horaria 0.220708 0.049656 4.445 0.000

L3.Temp. prom aire -0.004300 0.006811 -0.631 0.528

L4.Conduct -27.630798 10.759718 -2.568 0.010

L4.Water 46.151138 19.611724 2.353 0.019

L4.Temp -2.499655 5.169469 -0.484 0.629

L4.Precip. horaria -0.141486 0.050843 -2.783 0.005

L4.Temp. prom aire -0.007127 0.006836 -1.043 0.297

L5.Conduct 33.337935 10.494868 3.177 0.001

L5.Water -63.532683 19.455707 -3.266 0.001

L5.Temp 1.177865 5.181586 0.227 0.820

L5.Precip. horaria 0.102143 0.051657 1.977 0.048

L5.Temp. prom aire -0.001210 0.006880 -0.176 0.860

L6.Conduct -26.321123 8.387809 -3.138 0.002

L6.Water 55.754278 16.698428 3.339 0.001

L6.Temp 0.007411 5.271646 0.001 0.999

L6.Precip. horaria -0.180893 0.051235 -3.531 0.000

L6.Temp. prom aire -0.002527 0.006776 -0.373 0.709

L7.Conduct 14.008539 6.291956 2.226 0.026

L7.Water -34.304559 14.203040 -2.415 0.016

L7.Temp -1.760561 5.843066 -0.301 0.763

L7.Precip. horaria 0.081232 0.051107 1.589 0.112

L7.Temp. prom aire 0.005444 0.006794 0.801 0.423

L8.Conduct -5.749295 5.346966 -1.075 0.282

L8.Water 20.331351 13.053251 1.558 0.119

L8.Temp 5.350555 6.958734 0.769 0.442

L8.Precip. horaria -0.007209 0.051297 -0.141 0.888

L8.Temp. prom aire -0.003407 0.006838 -0.498 0.618

L9.Conduct 3.203143 4.951002 0.647 0.518

L9.Water -15.985644 12.154021 -1.315 0.188

L9.Temp -8.236603 7.560559 -1.089 0.276

L9.Precip. horaria 0.150653 0.050380 2.990 0.003

L9.Temp. prom aire 0.006330 0.006868 0.922 0.357

L10.Conduct -2.592088 4.083705 -0.635 0.526

L10.Water 12.561176 9.787390 1.283 0.199

L10.Temp 6.867240 6.338299 1.083 0.279

L10.Precip. horaria -0.081528 0.049410 -1.650 0.099

L10.Temp. prom aire -0.005145 0.006887 -0.747 0.455

L11.Conduct 1.343805 2.275277 0.591 0.555

L11.Water -6.483178 5.253652 -1.234 0.217

L11.Temp -3.078390 3.431363 -0.897 0.370

L11.Precip. horaria -0.047731 0.050813 -0.939 0.348

L11.Temp. prom aire -0.008969 0.006869 -1.306 0.192

L12.Conduct -0.261089 0.575610 -0.454 0.650

L12.Water 1.484537 1.280196 1.160 0.246

L12.Temp 0.643795 0.863148 0.746 0.456

L12.Precip. horaria -0.036636 0.050127 -0.731 0.465

L12.Temp. prom aire 0.002780 0.006394 0.435 0.664

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.382163 0.954237 1.448 0.147

L1.Conduct 3.365580 7.418918 0.454 0.650

L1.Water -12.318132 13.988658 -0.881 0.379

L1.Temp 6.733424 5.481982 1.228 0.219

L1.Precip. horaria -0.010417 0.383729 -0.027 0.978

L1.Temp. prom aire 0.397107 0.049225 8.067 0.000

L2.Conduct -6.394252 31.941635 -0.200 0.841

L2.Water 47.343180 59.602018 0.794 0.427

L2.Temp -28.810469 20.441445 -1.409 0.159

L2.Precip. horaria -0.574157 0.386459 -1.486 0.137

L2.Temp. prom aire 0.040440 0.052931 0.764 0.445

L3.Conduct -12.311430 64.259572 -0.192 0.848

L3.Water -65.231691 118.146400 -0.552 0.581

L3.Temp 62.788951 34.966698 1.796 0.073

L3.Precip. horaria -0.184786 0.385540 -0.479 0.632

L3.Temp. prom aire 0.029971 0.052881 0.567 0.571

L4.Conduct 57.698936 83.540441 0.691 0.490

L4.Water 26.384642 152.269048 0.173 0.862

L4.Temp -63.502936 40.136714 -1.582 0.114

L4.Precip. horaria 0.200417 0.394757 0.508 0.612

L4.Temp. prom aire 0.035107 0.053075 0.661 0.508

L5.Conduct -83.551721 81.484096 -1.025 0.305

L5.Water 15.443972 151.057704 0.102 0.919

L5.Temp 22.622390 40.230788 0.562 0.574

L5.Precip. horaria -0.315288 0.401072 -0.786 0.432

L5.Temp. prom aire -0.026635 0.053416 -0.499 0.618

L6.Conduct 61.407429 65.124498 0.943 0.346

L6.Water -13.300492 129.649680 -0.103 0.918

L6.Temp -19.299599 40.930032 -0.472 0.637

L6.Precip. horaria -0.183105 0.397799 -0.460 0.645

L6.Temp. prom aire -0.057903 0.052614 -1.101 0.271

L7.Conduct -34.847857 48.851912 -0.713 0.476

L7.Water 18.844072 110.275028 0.171 0.864

L7.Temp 63.341423 45.366648 1.396 0.163

L7.Precip. horaria -0.401785 0.396801 -1.013 0.311

L7.Temp. prom aire 0.149291 0.052752 2.830 0.005

L8.Conduct 28.562346 41.514830 0.688 0.491

L8.Water -48.215408 101.347856 -0.476 0.634

L8.Temp -73.972374 54.028896 -1.369 0.171

L8.Precip. horaria 0.053999 0.398278 0.136 0.892

L8.Temp. prom aire -0.002310 0.053095 -0.043 0.965

L9.Conduct -19.894248 38.440498 -0.518 0.605

L9.Water 56.808066 94.366062 0.602 0.547

L9.Temp 28.829842 58.701578 0.491 0.623

L9.Precip. horaria 0.476219 0.391159 1.217 0.223

L9.Temp. prom aire -0.061557 0.053325 -1.154 0.248

L10.Conduct 6.825193 31.706644 0.215 0.830

L10.Water -41.908472 75.991106 -0.551 0.581

L10.Temp 19.177079 49.211723 0.390 0.697

L10.Precip. horaria 0.351357 0.383625 0.916 0.360

L10.Temp. prom aire -0.039105 0.053476 -0.731 0.465

L11.Conduct -0.590685 17.665669 -0.033 0.973

L11.Water 21.538026 40.790325 0.528 0.597

L11.Temp -27.517470 26.641735 -1.033 0.302

L11.Precip. horaria 0.488893 0.394520 1.239 0.215

L11.Temp. prom aire -0.040518 0.053336 -0.760 0.447

L12.Conduct -0.242263 4.469143 -0.054 0.957

L12.Water -5.383848 9.939681 -0.542 0.588

L12.Temp 9.892196 6.701641 1.476 0.140

L12.Precip. horaria 0.156741 0.389199 0.403 0.687

L12.Temp. prom aire 0.031997 0.049646 0.645 0.519

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.889429 0.189033 -0.010887 0.024055

Water 0.889429 1.000000 0.182891 -0.076074 -0.004084

Temp 0.189033 0.182891 1.000000 0.025553 -0.061195

Precip. horaria -0.010887 -0.076074 0.025553 1.000000 0.113046

Temp. prom aire 0.024055 -0.004084 -0.061195 0.113046 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -25.7556

Nobs: 476.000 HQIC: -27.3751

Log likelihood: 3692.99 FPE: 4.55418e-13

AIC: -28.4246 Det(Omega\_mle): 2.49215e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.017298 0.008379 2.065 0.039

L1.Conduct 4.410678 0.060388 73.038 0.000

L1.Water -0.154947 0.068370 -2.266 0.023

L1.Temp -0.219055 0.039350 -5.567 0.000

L1.Precip. horaria -0.001368 0.002613 -0.524 0.601

L1.Temp. prom aire 0.000087 0.000326 0.267 0.790

L2.Conduct -8.387631 0.248802 -33.712 0.000

L2.Water 0.585208 0.271562 2.155 0.031

L2.Temp 0.798626 0.149156 5.354 0.000

L2.Precip. horaria -0.002466 0.002631 -0.937 0.349

L2.Temp. prom aire -0.000078 0.000353 -0.221 0.825

L3.Conduct 8.993074 0.459289 19.580 0.000

L3.Water -0.892635 0.493461 -1.809 0.070

L3.Temp -1.132188 0.260275 -4.350 0.000

L3.Precip. horaria -0.007135 0.002644 -2.698 0.007

L3.Temp. prom aire -0.000231 0.000353 -0.653 0.514

L4.Conduct -5.827701 0.515090 -11.314 0.000

L4.Water 0.470076 0.586322 0.802 0.423

L4.Temp 0.701807 0.301961 2.324 0.020

L4.Precip. horaria -0.003157 0.002689 -1.174 0.240

L4.Temp. prom aire -0.000108 0.000357 -0.303 0.762

L5.Conduct 2.192535 0.426318 5.143 0.000

L5.Water 0.474014 0.583626 0.812 0.417

L5.Temp -0.117102 0.301792 -0.388 0.698

L5.Precip. horaria 0.002818 0.002704 1.042 0.297

L5.Temp. prom aire -0.000139 0.000358 -0.388 0.698

L6.Conduct -0.576214 0.350553 -1.644 0.100

L6.Water -0.739708 0.581394 -1.272 0.203

L6.Temp 0.091624 0.312795 0.293 0.770

L6.Precip. horaria 0.002792 0.002700 1.034 0.301

L6.Temp. prom aire 0.000648 0.000353 1.836 0.066

L7.Conduct 0.334661 0.338101 0.990 0.322

L7.Water -0.240124 0.600890 -0.400 0.689

L7.Temp -0.274458 0.366323 -0.749 0.454

L7.Precip. horaria -0.001956 0.002709 -0.722 0.470

L7.Temp. prom aire -0.000676 0.000354 -1.910 0.056

L8.Conduct 0.011634 0.338383 0.034 0.973

L8.Water 1.492769 0.617802 2.416 0.016

L8.Temp -0.031235 0.447270 -0.070 0.944

L8.Precip. horaria -0.000977 0.002718 -0.360 0.719

L8.Temp. prom aire -0.000394 0.000357 -1.102 0.270

L9.Conduct -0.117766 0.335343 -0.351 0.725

L9.Water -1.991087 0.588444 -3.384 0.001

L9.Temp 0.606332 0.477182 1.271 0.204

L9.Precip. horaria -0.002200 0.002668 -0.824 0.410

L9.Temp. prom aire 0.000153 0.000357 0.430 0.667

L10.Conduct -0.357207 0.293564 -1.217 0.224

L10.Water 1.626182 0.455591 3.569 0.000

L10.Temp -0.693406 0.388101 -1.787 0.074

L10.Precip. horaria 0.001871 0.002647 0.707 0.480

L10.Temp. prom aire -0.000066 0.000359 -0.185 0.853

L11.Conduct 0.488943 0.169256 2.889 0.004

L11.Water -0.812888 0.234889 -3.461 0.001

L11.Temp 0.319536 0.204048 1.566 0.117

L11.Precip. horaria -0.002630 0.002642 -0.996 0.319

L11.Temp. prom aire -0.000053 0.000355 -0.149 0.882

L12.Conduct -0.164994 0.043446 -3.798 0.000

L12.Water 0.182855 0.056613 3.230 0.001

L12.Temp -0.050544 0.050043 -1.010 0.312

L12.Precip. horaria -0.000842 0.002626 -0.321 0.749

L12.Temp. prom aire 0.000131 0.000328 0.398 0.690

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.002371 0.007927 0.299 0.765

L1.Conduct 0.210903 0.057129 3.692 0.000

L1.Water 3.896590 0.064680 60.244 0.000

L1.Temp -0.216810 0.037226 -5.824 0.000

L1.Precip. horaria -0.003226 0.002472 -1.305 0.192

L1.Temp. prom aire -0.000091 0.000308 -0.295 0.768

L2.Conduct -0.717419 0.235374 -3.048 0.002

L2.Water -6.473070 0.256906 -25.196 0.000

L2.Temp 0.837734 0.141107 5.937 0.000

L2.Precip. horaria -0.004670 0.002489 -1.876 0.061

L2.Temp. prom aire 0.000124 0.000334 0.371 0.711

L3.Conduct 0.856858 0.434502 1.972 0.049

L3.Water 6.171605 0.466830 13.220 0.000

L3.Temp -1.313296 0.246228 -5.334 0.000

L3.Precip. horaria -0.006150 0.002501 -2.459 0.014

L3.Temp. prom aire -0.000668 0.000334 -1.999 0.046

L4.Conduct -0.259801 0.487291 -0.533 0.594

L4.Water -3.991968 0.554680 -7.197 0.000

L4.Temp 1.023668 0.285664 3.583 0.000

L4.Precip. horaria -0.004178 0.002544 -1.642 0.101

L4.Temp. prom aire 0.000286 0.000338 0.846 0.397

L5.Conduct -0.245830 0.403310 -0.610 0.542

L5.Water 1.985995 0.552129 3.597 0.000

L5.Temp -0.378200 0.285505 -1.325 0.185

L5.Precip. horaria 0.000341 0.002558 0.133 0.894

L5.Temp. prom aire -0.000252 0.000338 -0.745 0.456

L6.Conduct 0.010024 0.331635 0.030 0.976

L6.Water -0.325755 0.550017 -0.592 0.554

L6.Temp 0.042264 0.295914 0.143 0.886

L6.Precip. horaria 0.004171 0.002554 1.633 0.102

L6.Temp. prom aire 0.000171 0.000334 0.513 0.608

L7.Conduct 0.431222 0.319854 1.348 0.178

L7.Water -1.594802 0.568461 -2.805 0.005

L7.Temp 0.151606 0.346553 0.437 0.662

L7.Precip. horaria 0.000927 0.002563 0.362 0.718

L7.Temp. prom aire -0.000169 0.000335 -0.504 0.614

L8.Conduct -0.502864 0.320121 -1.571 0.116

L8.Water 3.184921 0.584460 5.449 0.000

L8.Temp -0.668315 0.423132 -1.579 0.114

L8.Precip. horaria -0.002099 0.002571 -0.816 0.414

L8.Temp. prom aire -0.000235 0.000338 -0.695 0.487

L9.Conduct 0.508321 0.317245 1.602 0.109

L9.Water -3.233245 0.556687 -5.808 0.000

L9.Temp 1.226806 0.451430 2.718 0.007

L9.Precip. horaria -0.000563 0.002524 -0.223 0.823

L9.Temp. prom aire -0.000088 0.000338 -0.260 0.794

L10.Conduct -0.646570 0.277721 -2.328 0.020

L10.Water 1.975224 0.431004 4.583 0.000

L10.Temp -1.138080 0.367156 -3.100 0.002

L10.Precip. horaria 0.002102 0.002504 0.839 0.401

L10.Temp. prom aire 0.000147 0.000339 0.434 0.664

L11.Conduct 0.511597 0.160122 3.195 0.001

L11.Water -0.729501 0.222213 -3.283 0.001

L11.Temp 0.526304 0.193036 2.726 0.006

L11.Precip. horaria -0.002319 0.002499 -0.928 0.353

L11.Temp. prom aire -0.000257 0.000336 -0.766 0.443

L12.Conduct -0.155713 0.041102 -3.788 0.000

L12.Water 0.133539 0.053558 2.493 0.013

L12.Temp -0.093152 0.047342 -1.968 0.049

L12.Precip. horaria -0.001218 0.002484 -0.490 0.624

L12.Temp. prom aire -0.000005 0.000310 -0.016 0.987

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.021951 0.010590 -2.073 0.038

L1.Conduct -0.118842 0.076325 -1.557 0.119

L1.Water -0.023549 0.086412 -0.273 0.785

L1.Temp 3.585386 0.049735 72.090 0.000

L1.Precip. horaria -0.003999 0.003302 -1.211 0.226

L1.Temp. prom aire 0.000402 0.000411 0.976 0.329

L2.Conduct 0.434458 0.314461 1.382 0.167

L2.Water 0.097772 0.343227 0.285 0.776

L2.Temp -5.215999 0.188519 -27.668 0.000

L2.Precip. horaria -0.002449 0.003326 -0.736 0.462

L2.Temp. prom aire -0.000274 0.000446 -0.614 0.539

L3.Conduct -0.692622 0.580496 -1.193 0.233

L3.Water -0.282612 0.623686 -0.453 0.650

L3.Temp 3.916359 0.328961 11.905 0.000

L3.Precip. horaria 0.001291 0.003342 0.386 0.699

L3.Temp. prom aire -0.001190 0.000446 -2.666 0.008

L4.Conduct 0.718098 0.651023 1.103 0.270

L4.Water 0.479373 0.741054 0.647 0.518

L4.Temp -1.497452 0.381648 -3.924 0.000

L4.Precip. horaria 0.001461 0.003399 0.430 0.667

L4.Temp. prom aire -0.000394 0.000451 -0.873 0.382

L5.Conduct -0.507796 0.538823 -0.942 0.346

L5.Water -0.458951 0.737646 -0.622 0.534

L5.Temp 0.027683 0.381435 0.073 0.942

L5.Precip. horaria -0.003284 0.003418 -0.961 0.337

L5.Temp. prom aire -0.000254 0.000452 -0.563 0.574

L6.Conduct 0.005007 0.443065 0.011 0.991

L6.Water 0.299146 0.734825 0.407 0.684

L6.Temp 0.671962 0.395342 1.700 0.089

L6.Precip. horaria -0.001966 0.003412 -0.576 0.564

L6.Temp. prom aire 0.000475 0.000446 1.067 0.286

L7.Conduct 0.517798 0.427326 1.212 0.226

L7.Water -0.200965 0.759465 -0.265 0.791

L7.Temp -1.723114 0.462996 -3.722 0.000

L7.Precip. horaria 0.002647 0.003424 0.773 0.439

L7.Temp. prom aire 0.001191 0.000447 2.663 0.008

L8.Conduct -0.581903 0.427683 -1.361 0.174

L8.Water 0.135005 0.780840 0.173 0.863

L8.Temp 2.865845 0.565306 5.070 0.000

L8.Precip. horaria -0.001385 0.003435 -0.403 0.687

L8.Temp. prom aire -0.000767 0.000452 -1.697 0.090

L9.Conduct 0.181935 0.423840 0.429 0.668

L9.Water -0.084823 0.743735 -0.114 0.909

L9.Temp -2.612642 0.603111 -4.332 0.000

L9.Precip. horaria -0.004871 0.003373 -1.444 0.149

L9.Temp. prom aire -0.000859 0.000451 -1.906 0.057

L10.Conduct 0.204189 0.371036 0.550 0.582

L10.Water 0.121758 0.575822 0.211 0.833

L10.Temp 1.196972 0.490521 2.440 0.015

L10.Precip. horaria -0.002205 0.003346 -0.659 0.510

L10.Temp. prom aire 0.000113 0.000454 0.249 0.804

L11.Conduct -0.229101 0.213923 -1.071 0.284

L11.Water -0.146538 0.296877 -0.494 0.622

L11.Temp -0.210098 0.257896 -0.815 0.415

L11.Precip. horaria -0.000269 0.003339 -0.081 0.936

L11.Temp. prom aire 0.000408 0.000449 0.908 0.364

L12.Conduct 0.070186 0.054912 1.278 0.201

L12.Water 0.064204 0.071553 0.897 0.370

L12.Temp -0.003329 0.063249 -0.053 0.958

L12.Precip. horaria 0.001235 0.003319 0.372 0.710

L12.Temp. prom aire -0.000668 0.000415 -1.613 0.107

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.479134 0.157822 -3.036 0.002

L1.Conduct 0.671756 1.137484 0.591 0.555

L1.Water -1.838034 1.287817 -1.427 0.154

L1.Temp -0.095897 0.741203 -0.129 0.897

L1.Precip. horaria 0.114318 0.049217 2.323 0.020

L1.Temp. prom aire 0.002929 0.006133 0.478 0.633

L2.Conduct -1.579541 4.686460 -0.337 0.736

L2.Water 7.293686 5.115168 1.426 0.154

L2.Temp -1.329913 2.809526 -0.473 0.636

L2.Precip. horaria -0.097298 0.049563 -1.963 0.050

L2.Temp. prom aire 0.005864 0.006647 0.882 0.378

L3.Conduct 1.345172 8.651219 0.155 0.876

L3.Water -12.989684 9.294886 -1.398 0.162

L3.Temp 5.015744 4.902565 1.023 0.306

L3.Precip. horaria 0.206071 0.049804 4.138 0.000

L3.Temp. prom aire -0.004651 0.006653 -0.699 0.485

L4.Conduct 0.842165 9.702293 0.087 0.931

L4.Water 14.528784 11.044038 1.316 0.188

L4.Temp -6.531320 5.687767 -1.148 0.251

L4.Precip. horaria -0.137828 0.050649 -2.721 0.007

L4.Temp. prom aire -0.010203 0.006727 -1.517 0.129

L5.Conduct -3.295351 8.030170 -0.410 0.682

L5.Water -11.642733 10.993258 -1.059 0.290

L5.Temp 3.147336 5.684593 0.554 0.580

L5.Precip. horaria 0.085699 0.050939 1.682 0.092

L5.Temp. prom aire -0.001189 0.006736 -0.177 0.860

L6.Conduct 2.596956 6.603066 0.393 0.694

L6.Water 7.391578 10.951206 0.675 0.500

L6.Temp 1.362152 5.891851 0.231 0.817

L6.Precip. horaria -0.145843 0.050851 -2.868 0.004

L6.Temp. prom aire -0.003076 0.006643 -0.463 0.643

L7.Conduct -0.678345 6.368504 -0.107 0.915

L7.Water -5.343171 11.318431 -0.472 0.637

L7.Temp -3.703230 6.900103 -0.537 0.591

L7.Precip. horaria 0.064969 0.051024 1.273 0.203

L7.Temp. prom aire 0.009037 0.006665 1.356 0.175

L8.Conduct 0.091768 6.373829 0.014 0.989

L8.Water 5.378234 11.636985 0.462 0.644

L8.Temp 5.637947 8.424840 0.669 0.503

L8.Precip. horaria -0.020836 0.051195 -0.407 0.684

L8.Temp. prom aire 0.000312 0.006731 0.046 0.963

L9.Conduct 1.576819 6.316553 0.250 0.803

L9.Water -5.425499 11.083999 -0.489 0.624

L9.Temp -8.331213 8.988264 -0.927 0.354

L9.Precip. horaria 0.158695 0.050261 3.157 0.002

L9.Temp. prom aire 0.005422 0.006721 0.807 0.420

L10.Conduct -3.550098 5.529606 -0.642 0.521

L10.Water 4.877153 8.581570 0.568 0.570

L10.Temp 8.370566 7.310308 1.145 0.252

L10.Precip. horaria -0.068025 0.049865 -1.364 0.173

L10.Temp. prom aire -0.004418 0.006759 -0.654 0.513

L11.Conduct 2.699892 3.188131 0.847 0.397

L11.Water -3.149049 4.424406 -0.712 0.477

L11.Temp -4.685780 3.843467 -1.219 0.223

L11.Precip. horaria -0.048669 0.049759 -0.978 0.328

L11.Temp. prom aire -0.005821 0.006689 -0.870 0.384

L12.Conduct -0.709825 0.818358 -0.867 0.386

L12.Water 0.926093 1.066371 0.868 0.385

L12.Temp 1.157968 0.942617 1.228 0.219

L12.Precip. horaria -0.035906 0.049463 -0.726 0.468

L12.Temp. prom aire 0.002430 0.006178 0.393 0.694

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.973171 1.266782 0.768 0.442

L1.Conduct -7.845342 9.130188 -0.859 0.390

L1.Water -7.976540 10.336860 -0.772 0.440

L1.Temp 2.756347 5.949380 0.463 0.643

L1.Precip. horaria -0.112968 0.395046 -0.286 0.775

L1.Temp. prom aire 0.425085 0.049224 8.636 0.000

L2.Conduct 37.210134 37.616578 0.989 0.323

L2.Water 38.666299 41.057667 0.942 0.346

L2.Temp -21.350720 22.551085 -0.947 0.344

L2.Precip. horaria -0.512072 0.397823 -1.287 0.198

L2.Temp. prom aire 0.048029 0.053350 0.900 0.368

L3.Conduct -72.618205 69.440315 -1.046 0.296

L3.Water -90.357665 74.606802 -1.211 0.226

L3.Temp 66.240538 39.351177 1.683 0.092

L3.Precip. horaria -0.149722 0.399763 -0.375 0.708

L3.Temp. prom aire 0.049889 0.053403 0.934 0.350

L4.Conduct 74.455821 77.876912 0.956 0.339

L4.Water 133.070893 88.646635 1.501 0.133

L4.Temp -84.201937 45.653722 -1.844 0.065

L4.Precip. horaria 0.314379 0.406544 0.773 0.439

L4.Temp. prom aire 0.033399 0.053992 0.619 0.536

L5.Conduct -27.337956 64.455366 -0.424 0.671

L5.Water -145.008671 88.239036 -1.643 0.100

L5.Temp 40.776314 45.628241 0.894 0.372

L5.Precip. horaria -0.424975 0.408866 -1.039 0.299

L5.Temp. prom aire -0.021100 0.054064 -0.390 0.696

L6.Conduct -27.076522 53.000506 -0.511 0.609

L6.Water 128.702306 87.901504 1.464 0.143

L6.Temp -15.831627 47.291832 -0.335 0.738

L6.Precip. horaria -0.318744 0.408163 -0.781 0.435

L6.Temp. prom aire -0.046074 0.053324 -0.864 0.388

L7.Conduct 20.597768 51.117757 0.403 0.687

L7.Water -73.109970 90.849087 -0.805 0.421

L7.Temp 47.263064 55.384717 0.853 0.393

L7.Precip. horaria -0.425361 0.409549 -1.039 0.299

L7.Temp. prom aire 0.149072 0.053497 2.787 0.005

L8.Conduct 25.506396 51.160498 0.499 0.618

L8.Water -7.355402 93.406011 -0.079 0.937

L8.Temp -69.507909 67.623249 -1.028 0.304

L8.Precip. horaria -0.006714 0.410921 -0.016 0.987

L8.Temp. prom aire -0.008520 0.054028 -0.158 0.875

L9.Conduct -28.654179 50.700763 -0.565 0.572

L9.Water 49.297633 88.967383 0.554 0.580

L9.Temp 40.777578 72.145650 0.565 0.572

L9.Precip. horaria 0.533652 0.403431 1.323 0.186

L9.Temp. prom aire -0.065057 0.053950 -1.206 0.228

L10.Conduct -0.995894 44.384216 -0.022 0.982

L10.Water -37.916882 68.881264 -0.550 0.582

L10.Temp 9.061181 58.677291 0.154 0.877

L10.Precip. horaria 0.289457 0.400247 0.723 0.470

L10.Temp. prom aire -0.026278 0.054249 -0.484 0.628

L11.Conduct 9.912193 25.590016 0.387 0.698

L11.Water 14.435002 35.513158 0.406 0.684

L11.Temp -27.114057 30.850163 -0.879 0.379

L11.Precip. horaria 0.165611 0.399399 0.415 0.678

L11.Temp. prom aire -0.022533 0.053692 -0.420 0.675

L12.Conduct -3.070330 6.568673 -0.467 0.640

L12.Water -2.485440 8.559389 -0.290 0.772

L12.Temp 11.374274 7.566057 1.503 0.133

L12.Precip. horaria -0.192052 0.397021 -0.484 0.629

L12.Temp. prom aire 0.025252 0.049586 0.509 0.611

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.694975 0.220189 -0.050856 -0.012296

Water 0.694975 1.000000 0.206768 -0.086934 -0.028006

Temp 0.220189 0.206768 1.000000 0.016035 -0.080031

Precip. horaria -0.050856 -0.086934 0.016035 1.000000 0.060761

Temp. prom aire -0.012296 -0.028006 -0.080031 0.060761 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.1999

Nobs: 476.000 HQIC: -25.8194

Log likelihood: 3322.72 FPE: 2.15805e-12

AIC: -26.8689 Det(Omega\_mle): 1.18093e-12

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.199497 0.070187 2.842 0.004

L1.Conduct 3.985932 0.081246 49.060 0.000

L1.Water 1.021026 0.691912 1.476 0.140

L1.Temp 0.314456 0.521354 0.603 0.546

L1.Precip. horaria -0.003687 0.017405 -0.212 0.832

L1.Temp. prom aire -0.000693 0.002180 -0.318 0.750

L2.Conduct -6.631817 0.322174 -20.585 0.000

L2.Water -5.486683 2.815557 -1.949 0.051

L2.Temp -3.588307 2.251520 -1.594 0.111

L2.Precip. horaria -0.000681 0.017588 -0.039 0.969

L2.Temp. prom aire -0.001387 0.002364 -0.587 0.557

L3.Conduct 5.923260 0.548517 10.799 0.000

L3.Water 13.344660 5.089226 2.622 0.009

L3.Temp 12.697450 4.597134 2.762 0.006

L3.Precip. horaria -0.011763 0.017610 -0.668 0.504

L3.Temp. prom aire -0.005498 0.002373 -2.317 0.021

L4.Conduct -2.960899 0.524269 -5.648 0.000

L4.Water -19.596684 5.744374 -3.411 0.001

L4.Temp -23.734518 6.347712 -3.739 0.000

L4.Precip. horaria -0.020925 0.017852 -1.172 0.241

L4.Temp. prom aire 0.002923 0.002386 1.225 0.220

L5.Conduct 0.825227 0.336640 2.451 0.014

L5.Water 18.254815 5.430947 3.361 0.001

L5.Temp 28.822871 7.280161 3.959 0.000

L5.Precip. horaria -0.001744 0.018062 -0.097 0.923

L5.Temp. prom aire 0.001518 0.002396 0.634 0.526

L6.Conduct -0.469542 0.246772 -1.903 0.057

L6.Water -7.258063 5.354776 -1.355 0.175

L6.Temp -26.105541 7.666162 -3.405 0.001

L6.Precip. horaria 0.039875 0.017822 2.237 0.025

L6.Temp. prom aire -0.000102 0.002378 -0.043 0.966

L7.Conduct 0.496457 0.241550 2.055 0.040

L7.Water -8.790760 5.324671 -1.651 0.099

L7.Temp 21.283921 7.633650 2.788 0.005

L7.Precip. horaria 0.006435 0.017956 0.358 0.720

L7.Temp. prom aire 0.000169 0.002369 0.071 0.943

L8.Conduct 0.099910 0.243495 0.410 0.682

L8.Water 20.670569 5.138063 4.023 0.000

L8.Temp -19.540440 7.236918 -2.700 0.007

L8.Precip. horaria -0.014384 0.017951 -0.801 0.423

L8.Temp. prom aire -0.001646 0.002379 -0.692 0.489

L9.Conduct -0.382524 0.244205 -1.566 0.117

L9.Water -22.730172 4.599080 -4.942 0.000

L9.Temp 17.872119 6.363670 2.808 0.005

L9.Precip. horaria -0.015743 0.018086 -0.870 0.384

L9.Temp. prom aire -0.002013 0.002380 -0.846 0.398

L10.Conduct -0.120833 0.238928 -0.506 0.613

L10.Water 16.602215 3.452322 4.809 0.000

L10.Temp -11.497076 4.646500 -2.474 0.013

L10.Precip. horaria -0.000123 0.017739 -0.007 0.994

L10.Temp. prom aire 0.002380 0.002387 0.997 0.319

L11.Conduct 0.382719 0.155346 2.464 0.014

L11.Water -7.705145 1.779208 -4.331 0.000

L11.Temp 3.963607 2.281553 1.737 0.082

L11.Precip. horaria -0.007079 0.018076 -0.392 0.695

L11.Temp. prom aire -0.001891 0.002376 -0.796 0.426

L12.Conduct -0.148236 0.043159 -3.435 0.001

L12.Water 1.672392 0.430113 3.888 0.000

L12.Temp -0.489734 0.528403 -0.927 0.354

L12.Precip. horaria 0.013247 0.017512 0.756 0.449

L12.Temp. prom aire -0.000139 0.002196 -0.063 0.950

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.016880 0.008561 1.972 0.049

L1.Conduct -0.013710 0.009910 -1.383 0.167

L1.Water 4.241719 0.084398 50.258 0.000

L1.Temp 0.084276 0.063594 1.325 0.185

L1.Precip. horaria -0.001284 0.002123 -0.605 0.545

L1.Temp. prom aire -0.000079 0.000266 -0.298 0.766

L2.Conduct 0.054909 0.039298 1.397 0.162

L2.Water -7.856381 0.343436 -22.876 0.000

L2.Temp -0.575690 0.274636 -2.096 0.036

L2.Precip. horaria -0.000865 0.002145 -0.403 0.687

L2.Temp. prom aire -0.000085 0.000288 -0.295 0.768

L3.Conduct -0.096457 0.066907 -1.442 0.149

L3.Water 8.596711 0.620774 13.848 0.000

L3.Temp 1.696841 0.560750 3.026 0.002

L3.Precip. horaria -0.003089 0.002148 -1.438 0.150

L3.Temp. prom aire -0.000476 0.000289 -1.646 0.100

L4.Conduct 0.099945 0.063949 1.563 0.118

L4.Water -6.501859 0.700688 -9.279 0.000

L4.Temp -2.938113 0.774282 -3.795 0.000

L4.Precip. horaria -0.002239 0.002178 -1.028 0.304

L4.Temp. prom aire 0.000219 0.000291 0.754 0.451

L5.Conduct -0.056484 0.041063 -1.376 0.169

L5.Water 3.739546 0.662457 5.645 0.000

L5.Temp 3.432357 0.888021 3.865 0.000

L5.Precip. horaria -0.000120 0.002203 -0.055 0.957

L5.Temp. prom aire 0.000202 0.000292 0.690 0.490

L6.Conduct -0.016170 0.030101 -0.537 0.591

L6.Water -1.303575 0.653166 -1.996 0.046

L6.Temp -3.119943 0.935104 -3.336 0.001

L6.Precip. horaria 0.007579 0.002174 3.486 0.000

L6.Temp. prom aire 0.000061 0.000290 0.211 0.833

L7.Conduct 0.062909 0.029464 2.135 0.033

L7.Water -0.924749 0.649493 -1.424 0.155

L7.Temp 2.862673 0.931138 3.074 0.002

L7.Precip. horaria -0.000713 0.002190 -0.326 0.745

L7.Temp. prom aire -0.000042 0.000289 -0.144 0.885

L8.Conduct -0.054608 0.029701 -1.839 0.066

L8.Water 2.649773 0.626731 4.228 0.000

L8.Temp -3.044748 0.882746 -3.449 0.001

L8.Precip. horaria -0.006520 0.002190 -2.978 0.003

L8.Temp. prom aire -0.000134 0.000290 -0.463 0.644

L9.Conduct 0.037510 0.029788 1.259 0.208

L9.Water -2.974732 0.560987 -5.303 0.000

L9.Temp 2.847550 0.776229 3.668 0.000

L9.Precip. horaria -0.000606 0.002206 -0.275 0.784

L9.Temp. prom aire -0.000231 0.000290 -0.794 0.427

L10.Conduct -0.034046 0.029144 -1.168 0.243

L10.Water 1.877546 0.421108 4.459 0.000

L10.Temp -1.758065 0.566771 -3.102 0.002

L10.Precip. horaria 0.004229 0.002164 1.954 0.051

L10.Temp. prom aire 0.000271 0.000291 0.932 0.352

L11.Conduct 0.021911 0.018949 1.156 0.248

L11.Water -0.628534 0.217024 -2.896 0.004

L11.Temp 0.587754 0.278300 2.112 0.035

L11.Precip. horaria -0.002533 0.002205 -1.149 0.251

L11.Temp. prom aire -0.000194 0.000290 -0.669 0.504

L12.Conduct -0.005703 0.005265 -1.083 0.279

L12.Water 0.084119 0.052464 1.603 0.109

L12.Temp -0.074955 0.064454 -1.163 0.245

L12.Precip. horaria 0.000708 0.002136 0.331 0.740

L12.Temp. prom aire -0.000006 0.000268 -0.024 0.981

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000413 0.006560 0.063 0.950

L1.Conduct 0.011760 0.007594 1.549 0.121

L1.Water -0.057033 0.064669 -0.882 0.378

L1.Temp 4.257475 0.048728 87.373 0.000

L1.Precip. horaria -0.002384 0.001627 -1.466 0.143

L1.Temp. prom aire 0.000342 0.000204 1.678 0.093

L2.Conduct -0.044926 0.030112 -1.492 0.136

L2.Water 0.089712 0.263152 0.341 0.733

L2.Temp -8.022514 0.210435 -38.123 0.000

L2.Precip. horaria -0.000819 0.001644 -0.498 0.618

L2.Temp. prom aire -0.000510 0.000221 -2.310 0.021

L3.Conduct 0.061897 0.051266 1.207 0.227

L3.Water 0.261191 0.475658 0.549 0.583

L3.Temp 9.079371 0.429665 21.131 0.000

L3.Precip. horaria -0.002042 0.001646 -1.241 0.215

L3.Temp. prom aire -0.000089 0.000222 -0.401 0.688

L4.Conduct -0.030951 0.049000 -0.632 0.528

L4.Water -0.937322 0.536890 -1.746 0.081

L4.Temp -7.236889 0.593280 -12.198 0.000

L4.Precip. horaria 0.003327 0.001669 1.994 0.046

L4.Temp. prom aire -0.000297 0.000223 -1.332 0.183

L5.Conduct 0.007205 0.031464 0.229 0.819

L5.Water 1.217074 0.507596 2.398 0.016

L5.Temp 4.675812 0.680430 6.872 0.000

L5.Precip. horaria -0.000957 0.001688 -0.567 0.571

L5.Temp. prom aire -0.000046 0.000224 -0.205 0.838

L6.Conduct -0.034582 0.023064 -1.499 0.134

L6.Water -0.890359 0.500477 -1.779 0.075

L6.Temp -2.537442 0.716507 -3.541 0.000

L6.Precip. horaria 0.002756 0.001666 1.654 0.098

L6.Temp. prom aire 0.000190 0.000222 0.855 0.392

L7.Conduct 0.060540 0.022576 2.682 0.007

L7.Water 0.587925 0.497663 1.181 0.237

L7.Temp 0.211272 0.713469 0.296 0.767

L7.Precip. horaria -0.001672 0.001678 -0.996 0.319

L7.Temp. prom aire 0.000239 0.000221 1.080 0.280

L8.Conduct -0.045297 0.022758 -1.990 0.047

L8.Water -0.595990 0.480222 -1.241 0.215

L8.Temp 2.303764 0.676389 3.406 0.001

L8.Precip. horaria -0.000546 0.001678 -0.325 0.745

L8.Temp. prom aire -0.000379 0.000222 -1.704 0.088

L9.Conduct 0.020118 0.022824 0.881 0.378

L9.Water 0.535265 0.429847 1.245 0.213

L9.Temp -3.374054 0.594772 -5.673 0.000

L9.Precip. horaria -0.003040 0.001690 -1.798 0.072

L9.Temp. prom aire -0.000102 0.000222 -0.460 0.646

L10.Conduct -0.005541 0.022331 -0.248 0.804

L10.Water -0.255623 0.322667 -0.792 0.428

L10.Temp 2.416581 0.434279 5.565 0.000

L10.Precip. horaria 0.002013 0.001658 1.214 0.225

L10.Temp. prom aire 0.000181 0.000223 0.813 0.416

L11.Conduct -0.002342 0.014519 -0.161 0.872

L11.Water 0.035066 0.166291 0.211 0.833

L11.Temp -0.931083 0.213242 -4.366 0.000

L11.Precip. horaria -0.000615 0.001689 -0.364 0.716

L11.Temp. prom aire -0.000104 0.000222 -0.467 0.641

L12.Conduct 0.002186 0.004034 0.542 0.588

L12.Water 0.009714 0.040200 0.242 0.809

L12.Temp 0.158174 0.049386 3.203 0.001

L12.Precip. horaria 0.001956 0.001637 1.195 0.232

L12.Temp. prom aire -0.000021 0.000205 -0.103 0.918

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.225324 0.197741 -1.139 0.254

L1.Conduct 0.420518 0.228898 1.837 0.066

L1.Water -3.959827 1.949351 -2.031 0.042

L1.Temp -1.322732 1.468831 -0.901 0.368

L1.Precip. horaria 0.149990 0.049036 3.059 0.002

L1.Temp. prom aire 0.005135 0.006141 0.836 0.403

L2.Conduct -1.528029 0.907674 -1.683 0.092

L2.Water 16.270041 7.932383 2.051 0.040

L2.Temp 2.249356 6.343300 0.355 0.723

L2.Precip. horaria -0.065637 0.049551 -1.325 0.185

L2.Temp. prom aire 0.004612 0.006660 0.693 0.489

L3.Conduct 2.649355 1.545359 1.714 0.086

L3.Water -32.274762 14.338085 -2.251 0.024

L3.Temp -0.887108 12.951696 -0.068 0.945

L3.Precip. horaria 0.212872 0.049613 4.291 0.000

L3.Temp. prom aire -0.007054 0.006685 -1.055 0.291

L4.Conduct -2.592226 1.477045 -1.755 0.079

L4.Water 39.767508 16.183862 2.457 0.014

L4.Temp 3.763010 17.883668 0.210 0.833

L4.Precip. horaria -0.137579 0.050295 -2.735 0.006

L4.Temp. prom aire -0.008352 0.006721 -1.243 0.214

L5.Conduct 0.912445 0.948430 0.962 0.336

L5.Water -28.119758 15.300830 -1.838 0.066

L5.Temp -12.910505 20.510697 -0.629 0.529

L5.Precip. horaria 0.098585 0.050886 1.937 0.053

L5.Temp. prom aire -0.001505 0.006751 -0.223 0.824

L6.Conduct 0.603398 0.695241 0.868 0.385

L6.Water 7.575117 15.086231 0.502 0.616

L6.Temp 20.459316 21.598193 0.947 0.344

L6.Precip. horaria -0.142523 0.050210 -2.839 0.005

L6.Temp. prom aire -0.005169 0.006701 -0.771 0.440

L7.Conduct -0.288293 0.680528 -0.424 0.672

L7.Water -2.720850 15.001414 -0.181 0.856

L7.Temp -21.464982 21.506595 -0.998 0.318

L7.Precip. horaria 0.081424 0.050589 1.610 0.107

L7.Temp. prom aire 0.006431 0.006673 0.964 0.335

L8.Conduct -0.572390 0.686010 -0.834 0.404

L8.Water 12.758809 14.475676 0.881 0.378

L8.Temp 17.794762 20.388865 0.873 0.383

L8.Precip. horaria -0.032405 0.050573 -0.641 0.522

L8.Temp. prom aire -0.000187 0.006703 -0.028 0.978

L9.Conduct 0.269410 0.688009 0.392 0.695

L9.Water -16.054965 12.957177 -1.239 0.215

L9.Temp -13.500699 17.928630 -0.753 0.451

L9.Precip. horaria 0.132350 0.050954 2.597 0.009

L9.Temp. prom aire 0.005338 0.006705 0.796 0.426

L10.Conduct 0.612590 0.673143 0.910 0.363

L10.Water 8.482612 9.726370 0.872 0.383

L10.Temp 9.015072 13.090776 0.689 0.491

L10.Precip. horaria -0.070126 0.049977 -1.403 0.161

L10.Temp. prom aire -0.000094 0.006724 -0.014 0.989

L11.Conduct -0.735465 0.437663 -1.680 0.093

L11.Water -1.647712 5.012635 -0.329 0.742

L11.Temp -3.999703 6.427914 -0.622 0.534

L11.Precip. horaria -0.054600 0.050927 -1.072 0.284

L11.Temp. prom aire -0.004867 0.006693 -0.727 0.467

L12.Conduct 0.249263 0.121595 2.050 0.040

L12.Water -0.070520 1.211774 -0.058 0.954

L12.Temp 0.812556 1.488690 0.546 0.585

L12.Precip. horaria -0.038551 0.049339 -0.781 0.435

L12.Temp. prom aire 0.000356 0.006187 0.057 0.954

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 5.728362 1.582317 3.620 0.000

L1.Conduct 1.806151 1.831632 0.986 0.324

L1.Water -27.356709 15.598653 -1.754 0.079

L1.Temp 17.623405 11.753544 1.499 0.134

L1.Precip. horaria 0.045309 0.392386 0.115 0.908

L1.Temp. prom aire 0.413072 0.049137 8.407 0.000

L2.Conduct -7.618937 7.263185 -1.049 0.294

L2.Water 118.455925 63.474706 1.866 0.062

L2.Temp -80.030270 50.758907 -1.577 0.115

L2.Precip. horaria -0.464625 0.396505 -1.172 0.241

L2.Temp. prom aire 0.019910 0.053290 0.374 0.709

L3.Conduct 12.163987 12.365920 0.984 0.325

L3.Water -220.958224 114.732951 -1.926 0.054

L3.Temp 177.209749 103.639101 1.710 0.087

L3.Precip. horaria -0.047822 0.397004 -0.120 0.904

L3.Temp. prom aire 0.029869 0.053497 0.558 0.577

L4.Conduct -6.855277 11.819272 -0.580 0.562

L4.Water 221.655689 129.502803 1.712 0.087

L4.Temp -234.404223 143.104608 -1.638 0.101

L4.Precip. horaria 0.480616 0.402460 1.194 0.232

L4.Temp. prom aire 0.013231 0.053783 0.246 0.806

L5.Conduct -2.284384 7.589311 -0.301 0.763

L5.Water -123.278847 122.436811 -1.007 0.314

L5.Temp 220.270823 164.126020 1.342 0.180

L5.Precip. horaria -0.380878 0.407185 -0.935 0.350

L5.Temp. prom aire -0.031827 0.054020 -0.589 0.556

L6.Conduct 2.828809 5.563299 0.508 0.611

L6.Water 34.170094 120.719594 0.283 0.777

L6.Temp -197.484130 172.828127 -1.143 0.253

L6.Precip. horaria -0.209303 0.401782 -0.521 0.602

L6.Temp. prom aire -0.061345 0.053619 -1.144 0.253

L7.Conduct 1.214885 5.445566 0.223 0.823

L7.Water 16.519342 120.040894 0.138 0.891

L7.Temp 180.185930 172.095162 1.047 0.295

L7.Precip. horaria -0.133094 0.404808 -0.329 0.742

L7.Temp. prom aire 0.118811 0.053398 2.225 0.026

L8.Conduct -1.119171 5.489431 -0.204 0.838

L8.Water -61.365076 115.833948 -0.530 0.596

L8.Temp -117.954450 163.151117 -0.723 0.470

L8.Precip. horaria 0.182863 0.404688 0.452 0.651

L8.Temp. prom aire -0.023040 0.053639 -0.430 0.668

L9.Conduct -1.868491 5.505431 -0.339 0.734

L9.Water 91.105430 103.682961 0.879 0.380

L9.Temp 19.411722 143.464386 0.135 0.892

L9.Precip. horaria 0.397466 0.407731 0.975 0.330

L9.Temp. prom aire -0.079324 0.053650 -1.479 0.139

L10.Conduct 4.035722 5.386468 0.749 0.454

L10.Water -85.682536 77.830135 -1.101 0.271

L10.Temp 43.607959 104.752021 0.416 0.677

L10.Precip. horaria 0.405780 0.399916 1.015 0.310

L10.Temp. prom aire -0.028213 0.053805 -0.524 0.600

L11.Conduct -3.207207 3.502170 -0.916 0.360

L11.Water 48.982541 40.110966 1.221 0.222

L11.Temp -39.342162 51.435984 -0.765 0.444

L11.Precip. horaria 0.326941 0.407517 0.802 0.422

L11.Temp. prom aire -0.002944 0.053557 -0.055 0.956

L12.Conduct 0.904937 0.973000 0.930 0.352

L12.Water -12.332640 9.696585 -1.272 0.203

L12.Temp 11.205039 11.912458 0.941 0.347

L12.Precip. horaria -0.131104 0.394807 -0.332 0.740

L12.Temp. prom aire 0.003726 0.049505 0.075 0.940

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.852608 0.106403 0.027550 0.006214

Water 0.852608 1.000000 0.131060 -0.014575 -0.002976

Temp 0.106403 0.131060 1.000000 0.011054 -0.012465

Precip. horaria 0.027550 -0.014575 0.011054 1.000000 0.088786

Temp. prom aire 0.006214 -0.002976 -0.012465 0.088786 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -25.2684

Nobs: 476.000 HQIC: -26.8879

Log likelihood: 3577.02 FPE: 7.41354e-13

AIC: -27.9374 Det(Omega\_mle): 4.05685e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.017373 0.010622 1.636 0.102

L1.Conduct 4.446164 0.095283 46.663 0.000

L1.Water -0.420409 0.144660 -2.906 0.004

L1.Temp -0.003434 0.088401 -0.039 0.969

L1.Precip. horaria -0.008190 0.004665 -1.756 0.079

L1.Temp. prom aire -0.000408 0.000575 -0.709 0.478

L2.Conduct -8.617650 0.393807 -21.883 0.000

L2.Water 1.629272 0.573405 2.841 0.004

L2.Temp -0.132085 0.350390 -0.377 0.706

L2.Precip. horaria -0.001175 0.004748 -0.247 0.805

L2.Temp. prom aire 0.000322 0.000623 0.516 0.606

L3.Conduct 9.677398 0.765155 12.648 0.000

L3.Water -2.732179 1.059438 -2.579 0.010

L3.Temp 0.557127 0.638710 0.872 0.383

L3.Precip. horaria -0.011763 0.004733 -2.485 0.013

L3.Temp. prom aire -0.000770 0.000623 -1.237 0.216

L4.Conduct -7.057819 0.962934 -7.329 0.000

L4.Water 2.652665 1.289403 2.057 0.040

L4.Temp -1.038545 0.766104 -1.356 0.175

L4.Precip. horaria -0.005894 0.004790 -1.230 0.219

L4.Temp. prom aire 0.000208 0.000626 0.333 0.739

L5.Conduct 3.569344 0.889117 4.014 0.000

L5.Water -1.754597 1.233259 -1.423 0.155

L5.Temp 1.250375 0.772131 1.619 0.105

L5.Precip. horaria 0.007599 0.004805 1.581 0.114

L5.Temp. prom aire 0.000479 0.000627 0.764 0.445

L6.Conduct -1.297112 0.637589 -2.034 0.042

L6.Water 1.098634 1.050822 1.045 0.296

L6.Temp -1.239816 0.772383 -1.605 0.108

L6.Precip. horaria 0.010839 0.004754 2.280 0.023

L6.Temp. prom aire -0.000062 0.000622 -0.100 0.921

L7.Conduct 0.107455 0.446593 0.241 0.810

L7.Water -1.362987 0.955406 -1.427 0.154

L7.Temp 1.212229 0.814110 1.489 0.136

L7.Precip. horaria -0.008518 0.004764 -1.788 0.074

L7.Temp. prom aire -0.000820 0.000619 -1.326 0.185

L8.Conduct 0.527607 0.414490 1.273 0.203

L8.Water 2.441770 0.957435 2.550 0.011

L8.Temp -1.154905 0.886124 -1.303 0.192

L8.Precip. horaria -0.008718 0.004805 -1.814 0.070

L8.Temp. prom aire -0.000157 0.000625 -0.250 0.802

L9.Conduct -0.527742 0.415503 -1.270 0.204

L9.Water -3.061415 0.923044 -3.317 0.001

L9.Temp 0.813436 0.901951 0.902 0.367

L9.Precip. horaria -0.002958 0.004787 -0.618 0.537

L9.Temp. prom aire -0.000198 0.000623 -0.317 0.751

L10.Conduct 0.190661 0.367287 0.519 0.604

L10.Water 2.217044 0.754114 2.940 0.003

L10.Temp -0.221400 0.733092 -0.302 0.763

L10.Precip. horaria 0.001052 0.004734 0.222 0.824

L10.Temp. prom aire 0.000738 0.000626 1.179 0.238

L11.Conduct -0.023373 0.216038 -0.108 0.914

L11.Water -0.831848 0.413259 -2.013 0.044

L11.Temp -0.117597 0.386867 -0.304 0.761

L11.Precip. horaria -0.000935 0.004765 -0.196 0.845

L11.Temp. prom aire -0.000540 0.000621 -0.869 0.385

L12.Conduct 0.005309 0.056697 0.094 0.925

L12.Water 0.123450 0.103735 1.190 0.234

L12.Temp 0.074934 0.094271 0.795 0.427

L12.Precip. horaria 0.006030 0.004681 1.288 0.198

L12.Temp. prom aire -0.000137 0.000573 -0.239 0.811

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.004955 0.007054 0.702 0.482

L1.Conduct 0.353380 0.063282 5.584 0.000

L1.Water 3.578273 0.096075 37.245 0.000

L1.Temp -0.143000 0.058711 -2.436 0.015

L1.Precip. horaria -0.004288 0.003098 -1.384 0.166

L1.Temp. prom aire -0.000078 0.000382 -0.205 0.837

L2.Conduct -1.369157 0.261545 -5.235 0.000

L2.Water -5.224438 0.380824 -13.719 0.000

L2.Temp 0.502016 0.232709 2.157 0.031

L2.Precip. horaria -0.002267 0.003153 -0.719 0.472

L2.Temp. prom aire 0.000256 0.000414 0.619 0.536

L3.Conduct 2.303906 0.508174 4.534 0.000

L3.Water 3.951963 0.703620 5.617 0.000

L3.Temp -0.680382 0.424196 -1.604 0.109

L3.Precip. horaria -0.008881 0.003144 -2.825 0.005

L3.Temp. prom aire -0.000749 0.000414 -1.810 0.070

L4.Conduct -2.287829 0.639527 -3.577 0.000

L4.Water -1.454018 0.856350 -1.698 0.090

L4.Temp 0.364979 0.508804 0.717 0.473

L4.Precip. horaria -0.002747 0.003182 -0.863 0.388

L4.Temp. prom aire 0.000249 0.000415 0.600 0.548

L5.Conduct 1.516895 0.590502 2.569 0.010

L5.Water -0.111442 0.819062 -0.136 0.892

L5.Temp 0.130020 0.512807 0.254 0.800

L5.Precip. horaria 0.003254 0.003191 1.020 0.308

L5.Temp. prom aire -0.000017 0.000416 -0.040 0.968

L6.Conduct -0.598607 0.423451 -1.414 0.157

L6.Water 0.586317 0.697898 0.840 0.401

L6.Temp -0.448114 0.512974 -0.874 0.382

L6.Precip. horaria 0.007828 0.003157 2.480 0.013

L6.Temp. prom aire 0.000057 0.000413 0.139 0.890

L7.Conduct -0.015142 0.296602 -0.051 0.959

L7.Water -1.159816 0.634528 -1.828 0.068

L7.Temp 0.675504 0.540687 1.249 0.212

L7.Precip. horaria 0.000207 0.003164 0.065 0.948

L7.Temp. prom aire -0.000177 0.000411 -0.431 0.667

L8.Conduct 0.043397 0.275281 0.158 0.875

L8.Water 2.387293 0.635876 3.754 0.000

L8.Temp -0.968545 0.588514 -1.646 0.100

L8.Precip. horaria -0.007950 0.003191 -2.491 0.013

L8.Temp. prom aire -0.000060 0.000415 -0.143 0.886

L9.Conduct 0.252154 0.275954 0.914 0.361

L9.Water -2.967719 0.613035 -4.841 0.000

L9.Temp 1.087566 0.599026 1.816 0.069

L9.Precip. horaria -0.005646 0.003179 -1.776 0.076

L9.Temp. prom aire -0.000346 0.000414 -0.835 0.404

L10.Conduct -0.316360 0.243931 -1.297 0.195

L10.Water 1.998809 0.500841 3.991 0.000

L10.Temp -0.756277 0.486879 -1.553 0.120

L10.Precip. horaria 0.005683 0.003144 1.808 0.071

L10.Temp. prom aire 0.000237 0.000416 0.570 0.569

L11.Conduct 0.134697 0.143481 0.939 0.348

L11.Water -0.672459 0.274464 -2.450 0.014

L11.Temp 0.267954 0.256936 1.043 0.297

L11.Precip. horaria -0.002482 0.003165 -0.784 0.433

L11.Temp. prom aire -0.000138 0.000413 -0.335 0.738

L12.Conduct -0.016428 0.037655 -0.436 0.663

L12.Water 0.086193 0.068895 1.251 0.211

L12.Temp -0.031280 0.062610 -0.500 0.617

L12.Precip. horaria -0.000824 0.003109 -0.265 0.791

L12.Temp. prom aire -0.000178 0.000381 -0.468 0.640

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.003990 0.006140 0.650 0.516

L1.Conduct 0.128642 0.055075 2.336 0.020

L1.Water -0.228106 0.083615 -2.728 0.006

L1.Temp 3.780769 0.051097 73.992 0.000

L1.Precip. horaria -0.006171 0.002696 -2.289 0.022

L1.Temp. prom aire 0.000390 0.000332 1.172 0.241

L2.Conduct -0.631296 0.227626 -2.773 0.006

L2.Water 0.991360 0.331437 2.991 0.003

L2.Temp -5.950690 0.202530 -29.382 0.000

L2.Precip. horaria 0.000507 0.002744 0.185 0.853

L2.Temp. prom aire -0.000386 0.000360 -1.073 0.283

L3.Conduct 1.361087 0.442271 3.077 0.002

L3.Water -1.986586 0.612371 -3.244 0.001

L3.Temp 5.103459 0.369184 13.824 0.000

L3.Precip. horaria -0.000074 0.002736 -0.027 0.978

L3.Temp. prom aire -0.000726 0.000360 -2.016 0.044

L4.Conduct -1.565863 0.556590 -2.813 0.005

L4.Water 2.244717 0.745294 3.012 0.003

L4.Temp -2.651099 0.442820 -5.987 0.000

L4.Precip. horaria 0.002645 0.002769 0.955 0.339

L4.Temp. prom aire -0.000352 0.000362 -0.972 0.331

L5.Conduct 0.931346 0.513923 1.812 0.070

L5.Water -1.367477 0.712842 -1.918 0.055

L5.Temp 0.904960 0.446304 2.028 0.043

L5.Precip. horaria -0.002675 0.002778 -0.963 0.336

L5.Temp. prom aire -0.000052 0.000362 -0.143 0.886

L6.Conduct -0.242541 0.368536 -0.658 0.510

L6.Water 0.310451 0.607391 0.511 0.609

L6.Temp -0.011567 0.446449 -0.026 0.979

L6.Precip. horaria -0.001670 0.002748 -0.608 0.543

L6.Temp. prom aire 0.000236 0.000360 0.655 0.512

L7.Conduct 0.182907 0.258137 0.709 0.479

L7.Water -0.001111 0.552239 -0.002 0.998

L7.Temp -1.185032 0.470568 -2.518 0.012

L7.Precip. horaria 0.001032 0.002753 0.375 0.708

L7.Temp. prom aire 0.000839 0.000358 2.347 0.019

L8.Conduct -0.427767 0.239581 -1.785 0.074

L8.Water 0.184571 0.553412 0.334 0.739

L8.Temp 2.656484 0.512193 5.186 0.000

L8.Precip. horaria 0.000626 0.002778 0.225 0.822

L8.Temp. prom aire -0.000600 0.000361 -1.661 0.097

L9.Conduct 0.426789 0.240167 1.777 0.076

L9.Water -0.314804 0.533533 -0.590 0.555

L9.Temp -2.823447 0.521341 -5.416 0.000

L9.Precip. horaria -0.003572 0.002767 -1.291 0.197

L9.Temp. prom aire -0.000689 0.000360 -1.911 0.056

L10.Conduct -0.190064 0.212297 -0.895 0.371

L10.Water 0.301242 0.435890 0.691 0.490

L10.Temp 1.507570 0.423739 3.558 0.000

L10.Precip. horaria 0.000347 0.002736 0.127 0.899

L10.Temp. prom aire 0.000133 0.000362 0.369 0.712

L11.Conduct 0.020515 0.124873 0.164 0.870

L11.Water -0.196854 0.238870 -0.824 0.410

L11.Temp -0.333747 0.223615 -1.493 0.136

L11.Precip. horaria 0.002294 0.002754 0.833 0.405

L11.Temp. prom aire 0.000337 0.000359 0.938 0.348

L12.Conduct 0.007152 0.032772 0.218 0.827

L12.Water 0.061743 0.059961 1.030 0.303

L12.Temp 0.003070 0.054490 0.056 0.955

L12.Precip. horaria -0.000072 0.002705 -0.027 0.979

L12.Temp. prom aire -0.000610 0.000331 -1.842 0.065

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.085040 0.112358 -0.757 0.449

L1.Conduct -0.406033 1.007904 -0.403 0.687

L1.Water -0.606207 1.530210 -0.396 0.692

L1.Temp 0.591359 0.935110 0.632 0.527

L1.Precip. horaria 0.178367 0.049345 3.615 0.000

L1.Temp. prom aire 0.003056 0.006082 0.502 0.615

L2.Conduct -0.512327 4.165692 -0.123 0.902

L2.Water 5.206488 6.065474 0.858 0.391

L2.Temp -4.622545 3.706420 -1.247 0.212

L2.Precip. horaria -0.017873 0.050224 -0.356 0.722

L2.Temp. prom aire 0.004272 0.006591 0.648 0.517

L3.Conduct 7.740044 8.093808 0.956 0.339

L3.Water -19.659170 11.206734 -1.754 0.079

L3.Temp 11.461120 6.756278 1.696 0.090

L3.Precip. horaria 0.201206 0.050068 4.019 0.000

L3.Temp. prom aire -0.004223 0.006590 -0.641 0.522

L4.Conduct -18.613407 10.185914 -1.827 0.068

L4.Water 39.777854 13.639305 2.916 0.004

L4.Temp -14.067299 8.103851 -1.736 0.083

L4.Precip. horaria -0.119921 0.050673 -2.367 0.018

L4.Temp. prom aire -0.008487 0.006617 -1.283 0.200

L5.Conduct 20.446882 9.405081 2.174 0.030

L5.Water -43.532709 13.045410 -3.337 0.001

L5.Temp 9.837581 8.167607 1.204 0.228

L5.Precip. horaria 0.089165 0.050832 1.754 0.079

L5.Temp. prom aire -0.002207 0.006628 -0.333 0.739

L6.Conduct -9.099201 6.744417 -1.349 0.177

L6.Water 20.615506 11.115598 1.855 0.064

L6.Temp -2.836324 8.170266 -0.347 0.728

L6.Precip. horaria -0.172045 0.050284 -3.421 0.001

L6.Temp. prom aire -0.007242 0.006583 -1.100 0.271

L7.Conduct -2.941574 4.724061 -0.623 0.533

L7.Water 4.183573 10.106290 0.414 0.679

L7.Temp -3.785541 8.611657 -0.440 0.660

L7.Precip. horaria 0.072815 0.050390 1.445 0.148

L7.Temp. prom aire 0.008725 0.006544 1.333 0.182

L8.Conduct 3.965187 4.384474 0.904 0.366

L8.Water -7.787193 10.127753 -0.769 0.442

L8.Temp 9.145333 9.373416 0.976 0.329

L8.Precip. horaria -0.021454 0.050830 -0.422 0.673

L8.Temp. prom aire -0.000888 0.006610 -0.134 0.893

L9.Conduct 2.101329 4.395190 0.478 0.633

L9.Water -1.012086 9.763956 -0.104 0.917

L9.Temp -11.360134 9.540833 -1.191 0.234

L9.Precip. horaria 0.112886 0.050638 2.229 0.026

L9.Temp. prom aire 0.005882 0.006595 0.892 0.372

L10.Conduct -5.078972 3.885158 -1.307 0.191

L10.Water 5.776808 7.977023 0.724 0.469

L10.Temp 8.524389 7.754653 1.099 0.272

L10.Precip. horaria -0.062811 0.050072 -1.254 0.210

L10.Temp. prom aire -0.002819 0.006622 -0.426 0.670

L11.Conduct 3.130779 2.285251 1.370 0.171

L11.Water -4.014940 4.371454 -0.918 0.358

L11.Temp -3.505622 4.092284 -0.857 0.392

L11.Precip. horaria -0.064074 0.050408 -1.271 0.204

L11.Temp. prom aire -0.008990 0.006574 -1.367 0.171

L12.Conduct -0.724970 0.599738 -1.209 0.227

L12.Water 1.052236 1.097313 0.959 0.338

L12.Temp 0.626203 0.997202 0.628 0.530

L12.Precip. horaria -0.074157 0.049511 -1.498 0.134

L12.Temp. prom aire 0.001735 0.006064 0.286 0.775

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 2.110919 0.906958 2.327 0.020

L1.Conduct -3.925224 8.135805 -0.482 0.629

L1.Water -1.905982 12.351863 -0.154 0.877

L1.Temp 5.250334 7.548209 0.696 0.487

L1.Precip. horaria 0.126552 0.398314 0.318 0.751

L1.Temp. prom aire 0.418133 0.049096 8.517 0.000

L2.Conduct 14.548614 33.625491 0.433 0.665

L2.Water 15.439266 48.960536 0.315 0.753

L2.Temp -25.905726 29.918245 -0.866 0.387

L2.Precip. horaria -0.480782 0.405410 -1.186 0.236

L2.Temp. prom aire 0.034625 0.053199 0.651 0.515

L3.Conduct -29.119270 65.333263 -0.446 0.656

L3.Water -38.935750 90.460817 -0.430 0.667

L3.Temp 59.951593 54.536715 1.099 0.272

L3.Precip. horaria -0.271027 0.404148 -0.671 0.502

L3.Temp. prom aire 0.016353 0.053195 0.307 0.759

L4.Conduct 37.652884 82.220752 0.458 0.647

L4.Water 54.975290 110.096542 0.499 0.618

L4.Temp -58.358209 65.414330 -0.892 0.372

L4.Precip. horaria 0.364168 0.409033 0.890 0.373

L4.Temp. prom aire 0.027696 0.053413 0.519 0.604

L5.Conduct -25.337161 75.917862 -0.334 0.739

L5.Water -57.502150 105.302620 -0.546 0.585

L5.Temp 12.786152 65.928965 0.194 0.846

L5.Precip. horaria -0.330273 0.410314 -0.805 0.421

L5.Temp. prom aire -0.031419 0.053503 -0.587 0.557

L6.Conduct 10.798674 54.440970 0.198 0.843

L6.Water 30.162114 89.725164 0.336 0.737

L6.Temp -9.602404 65.950430 -0.146 0.884

L6.Precip. horaria -0.330542 0.405892 -0.814 0.415

L6.Temp. prom aire -0.035621 0.053135 -0.670 0.503

L7.Conduct -21.175293 38.132642 -0.555 0.579

L7.Water 31.666248 81.578024 0.388 0.698

L7.Temp 65.313298 69.513340 0.940 0.347

L7.Precip. horaria -0.389887 0.406745 -0.959 0.338

L7.Temp. prom aire 0.135207 0.052822 2.560 0.010

L8.Conduct 27.519431 35.391498 0.778 0.437

L8.Water -69.883512 81.751275 -0.855 0.393

L8.Temp -93.570237 75.662263 -1.237 0.216

L8.Precip. horaria -0.011747 0.410301 -0.029 0.977

L8.Temp. prom aire -0.029676 0.053357 -0.556 0.578

L9.Conduct -3.705169 35.477998 -0.104 0.917

L9.Water 43.844381 78.814703 0.556 0.578

L9.Temp 55.281724 77.013656 0.718 0.473

L9.Precip. horaria 0.290767 0.408751 0.711 0.477

L9.Temp. prom aire -0.071693 0.053231 -1.347 0.178

L10.Conduct -18.326002 31.361017 -0.584 0.559

L10.Water -0.326674 64.390572 -0.005 0.996

L10.Temp 1.511397 62.595599 0.024 0.981

L10.Precip. horaria 0.248207 0.404184 0.614 0.539

L10.Temp. prom aire -0.010936 0.053451 -0.205 0.838

L11.Conduct 15.419998 18.446562 0.836 0.403

L11.Water -11.961837 35.286397 -0.339 0.735

L11.Temp -21.595273 33.032935 -0.654 0.513

L11.Precip. horaria 0.145363 0.406894 0.357 0.721

L11.Temp. prom aire -0.013103 0.053065 -0.247 0.805

L12.Conduct -4.304021 4.841091 -0.889 0.374

L12.Water 4.397282 8.857516 0.496 0.620

L12.Temp 9.192994 8.049416 1.142 0.253

L12.Precip. horaria -0.053066 0.399656 -0.133 0.894

L12.Temp. prom aire 0.023855 0.048945 0.487 0.626

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.849001 -0.093510 -0.050285 0.007451

Water 0.849001 1.000000 0.076855 -0.106146 0.009577

Temp -0.093510 0.076855 1.000000 -0.007723 -0.026779

Precip. horaria -0.050285 -0.106146 -0.007723 1.000000 0.082080

Temp. prom aire 0.007451 0.009577 -0.026779 0.082080 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.3387

Nobs: 476.000 HQIC: -25.9582

Log likelihood: 3355.76 FPE: 1.87835e-12

AIC: -27.0077 Det(Omega\_mle): 1.02788e-12

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.039141 0.016722 2.341 0.019

L1.Conduct 4.313010 0.056058 76.939 0.000

L1.Water -0.174010 0.209622 -0.830 0.406

L1.Temp -0.398069 0.149227 -2.668 0.008

L1.Precip. horaria -0.015368 0.007579 -2.028 0.043

L1.Temp. prom aire 0.001353 0.000953 1.420 0.156

L2.Conduct -8.003055 0.220227 -36.340 0.000

L2.Water 0.305429 0.879730 0.347 0.728

L2.Temp 1.743443 0.596005 2.925 0.003

L2.Precip. horaria 0.001904 0.007719 0.247 0.805

L2.Temp. prom aire 0.000263 0.001022 0.257 0.797

L3.Conduct 8.248275 0.377330 21.860 0.000

L3.Water 1.251655 1.719989 0.728 0.467

L3.Temp -3.446293 1.102331 -3.126 0.002

L3.Precip. horaria -0.005813 0.007708 -0.754 0.451

L3.Temp. prom aire -0.001101 0.001021 -1.078 0.281

L4.Conduct -4.951365 0.373016 -13.274 0.000

L4.Water -5.221044 2.243714 -2.327 0.020

L4.Temp 4.342453 1.372420 3.164 0.002

L4.Precip. horaria -0.003137 0.007885 -0.398 0.691

L4.Temp. prom aire -0.000635 0.001018 -0.624 0.532

L5.Conduct 1.643613 0.261685 6.281 0.000

L5.Water 8.550047 2.466905 3.466 0.001

L5.Temp -4.450566 1.469162 -3.029 0.002

L5.Precip. horaria -0.006506 0.007809 -0.833 0.405

L5.Temp. prom aire 0.001107 0.001022 1.083 0.279

L6.Conduct -0.519139 0.208517 -2.490 0.013

L6.Water -7.963382 2.631323 -3.026 0.002

L6.Temp 4.115034 1.516146 2.714 0.007

L6.Precip. horaria 0.018573 0.007585 2.449 0.014

L6.Temp. prom aire 0.001316 0.001013 1.299 0.194

L7.Conduct 0.479542 0.207680 2.309 0.021

L7.Water 4.523889 2.771666 1.632 0.103

L7.Temp -2.843968 1.545470 -1.840 0.066

L7.Precip. horaria 0.001485 0.007709 0.193 0.847

L7.Temp. prom aire -0.000527 0.001018 -0.518 0.605

L8.Conduct -0.059420 0.207623 -0.286 0.775

L8.Water -1.913116 2.771878 -0.690 0.490

L8.Temp 0.602958 1.573304 0.383 0.702

L8.Precip. horaria -0.007016 0.007723 -0.909 0.364

L8.Temp. prom aire 0.000667 0.001022 0.653 0.514

L9.Conduct -0.306307 0.199884 -1.532 0.125

L9.Water 1.834702 2.407864 0.762 0.446

L9.Temp 1.259877 1.524014 0.827 0.408

L9.Precip. horaria -0.009056 0.007735 -1.171 0.242

L9.Temp. prom aire -0.001740 0.001028 -1.693 0.091

L10.Conduct 0.123636 0.188542 0.656 0.512

L10.Water -2.495457 1.627463 -1.533 0.125

L10.Temp -1.513591 1.215362 -1.245 0.213

L10.Precip. horaria 0.003773 0.007629 0.495 0.621

L10.Temp. prom aire 0.000786 0.001040 0.756 0.450

L11.Conduct 0.063433 0.120479 0.527 0.599

L11.Water 1.823265 0.735988 2.477 0.013

L11.Temp 0.705224 0.639600 1.103 0.270

L11.Precip. horaria -0.011743 0.007713 -1.523 0.128

L11.Temp. prom aire 0.000719 0.001032 0.697 0.486

L12.Conduct -0.032937 0.033480 -0.984 0.325

L12.Water -0.522291 0.160573 -3.253 0.001

L12.Temp -0.118560 0.156266 -0.759 0.448

L12.Precip. horaria -0.001091 0.007570 -0.144 0.885

L12.Temp. prom aire -0.000728 0.000972 -0.749 0.454

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.009350 0.004966 1.883 0.060

L1.Conduct 0.084731 0.016647 5.090 0.000

L1.Water 4.146048 0.062248 66.605 0.000

L1.Temp -0.221307 0.044314 -4.994 0.000

L1.Precip. horaria -0.002900 0.002251 -1.288 0.198

L1.Temp. prom aire 0.000068 0.000283 0.239 0.811

L2.Conduct -0.340937 0.065398 -5.213 0.000

L2.Water -7.459481 0.261241 -28.554 0.000

L2.Temp 0.986169 0.176987 5.572 0.000

L2.Precip. horaria -0.001901 0.002292 -0.829 0.407

L2.Temp. prom aire -0.000021 0.000303 -0.069 0.945

L3.Conduct 0.550475 0.112050 4.913 0.000

L3.Water 7.920629 0.510761 15.508 0.000

L3.Temp -1.944739 0.327344 -5.941 0.000

L3.Precip. horaria -0.005111 0.002289 -2.233 0.026

L3.Temp. prom aire -0.000250 0.000303 -0.823 0.410

L4.Conduct -0.433919 0.110769 -3.917 0.000

L4.Water -5.876366 0.666284 -8.820 0.000

L4.Temp 2.313190 0.407548 5.676 0.000

L4.Precip. horaria 0.000540 0.002342 0.231 0.818

L4.Temp. prom aire -0.000081 0.000302 -0.268 0.789

L5.Conduct 0.143827 0.077709 1.851 0.064

L5.Water 3.540067 0.732562 4.832 0.000

L5.Temp -2.010706 0.436276 -4.609 0.000

L5.Precip. horaria -0.001120 0.002319 -0.483 0.629

L5.Temp. prom aire -0.000225 0.000304 -0.740 0.459

L6.Conduct -0.012104 0.061920 -0.195 0.845

L6.Water -1.918387 0.781387 -2.455 0.014

L6.Temp 1.476604 0.450229 3.280 0.001

L6.Precip. horaria 0.008398 0.002252 3.729 0.000

L6.Temp. prom aire 0.000274 0.000301 0.909 0.363

L7.Conduct 0.065794 0.061672 1.067 0.286

L7.Water 0.650326 0.823063 0.790 0.429

L7.Temp -0.815957 0.458937 -1.778 0.075

L7.Precip. horaria 0.001794 0.002289 0.784 0.433

L7.Temp. prom aire -0.000205 0.000302 -0.678 0.498

L8.Conduct -0.096033 0.061655 -1.558 0.119

L8.Water 0.454629 0.823126 0.552 0.581

L8.Temp -0.015703 0.467202 -0.034 0.973

L8.Precip. horaria -0.007047 0.002293 -3.073 0.002

L8.Temp. prom aire 0.000019 0.000304 0.063 0.950

L9.Conduct 0.009153 0.059357 0.154 0.877

L9.Water -0.692423 0.715030 -0.968 0.333

L9.Temp 0.726453 0.452565 1.605 0.108

L9.Precip. horaria -0.003438 0.002297 -1.497 0.134

L9.Temp. prom aire -0.000352 0.000305 -1.152 0.250

L10.Conduct 0.077290 0.055989 1.380 0.167

L10.Water 0.091078 0.483285 0.188 0.851

L10.Temp -0.881880 0.360909 -2.443 0.015

L10.Precip. horaria 0.009053 0.002266 3.996 0.000

L10.Temp. prom aire 0.000161 0.000309 0.521 0.602

L11.Conduct -0.066503 0.035777 -1.859 0.063

L11.Water 0.255547 0.218556 1.169 0.242

L11.Temp 0.507354 0.189933 2.671 0.008

L11.Precip. horaria -0.006314 0.002290 -2.757 0.006

L11.Temp. prom aire 0.000430 0.000306 1.403 0.161

L12.Conduct 0.018278 0.009942 1.838 0.066

L12.Water -0.111969 0.047683 -2.348 0.019

L12.Temp -0.119522 0.046404 -2.576 0.010

L12.Precip. horaria -0.000190 0.002248 -0.084 0.933

L12.Temp. prom aire -0.000184 0.000289 -0.638 0.524

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.005671 0.005552 1.021 0.307

L1.Conduct 0.045347 0.018612 2.436 0.015

L1.Water -0.226347 0.069598 -3.252 0.001

L1.Temp 3.869250 0.049546 78.094 0.000

L1.Precip. horaria -0.002235 0.002516 -0.888 0.374

L1.Temp. prom aire 0.000316 0.000316 0.998 0.318

L2.Conduct -0.189627 0.073119 -2.593 0.010

L2.Water 0.950419 0.292087 3.254 0.001

L2.Temp -6.300082 0.197885 -31.837 0.000

L2.Precip. horaria 0.001643 0.002563 0.641 0.521

L2.Temp. prom aire 0.000058 0.000339 0.171 0.864

L3.Conduct 0.311283 0.125281 2.485 0.013

L3.Water -1.740451 0.571068 -3.048 0.002

L3.Temp 5.699777 0.365994 15.573 0.000

L3.Precip. horaria 0.000567 0.002559 0.221 0.825

L3.Temp. prom aire -0.000457 0.000339 -1.347 0.178

L4.Conduct -0.249413 0.123848 -2.014 0.044

L4.Water 1.933028 0.744954 2.595 0.009

L4.Temp -3.219826 0.455668 -7.066 0.000

L4.Precip. horaria 0.002403 0.002618 0.918 0.359

L4.Temp. prom aire -0.000703 0.000338 -2.081 0.037

L5.Conduct 0.125136 0.086884 1.440 0.150

L5.Water -1.685137 0.819057 -2.057 0.040

L5.Temp 1.254529 0.487789 2.572 0.010

L5.Precip. horaria -0.002273 0.002593 -0.877 0.381

L5.Temp. prom aire -0.000222 0.000339 -0.655 0.512

L6.Conduct -0.120644 0.069231 -1.743 0.081

L6.Water 1.393004 0.873647 1.594 0.111

L6.Temp -0.204724 0.503388 -0.407 0.684

L6.Precip. horaria 0.000488 0.002518 0.194 0.846

L6.Temp. prom aire 0.000523 0.000336 1.554 0.120

L7.Conduct 0.156266 0.068954 2.266 0.023

L7.Water -0.986451 0.920244 -1.072 0.284

L7.Temp -1.114476 0.513124 -2.172 0.030

L7.Precip. horaria 0.003009 0.002560 1.176 0.240

L7.Temp. prom aire 0.000834 0.000338 2.469 0.014

L8.Conduct -0.102649 0.068934 -1.489 0.136

L8.Water 0.491838 0.920314 0.534 0.593

L8.Temp 2.836168 0.522366 5.429 0.000

L8.Precip. horaria -0.000384 0.002564 -0.150 0.881

L8.Temp. prom aire -0.000854 0.000339 -2.517 0.012

L9.Conduct 0.001742 0.066365 0.026 0.979

L9.Water -0.178007 0.799455 -0.223 0.824

L9.Temp -3.265003 0.506001 -6.453 0.000

L9.Precip. horaria -0.002806 0.002568 -1.093 0.275

L9.Temp. prom aire -0.000660 0.000341 -1.935 0.053

L10.Conduct 0.059779 0.062599 0.955 0.340

L10.Water 0.067196 0.540347 0.124 0.901

L10.Temp 1.962338 0.403522 4.863 0.000

L10.Precip. horaria 0.000474 0.002533 0.187 0.852

L10.Temp. prom aire 0.000025 0.000345 0.073 0.941

L11.Conduct -0.056329 0.040001 -1.408 0.159

L11.Water -0.021982 0.244362 -0.090 0.928

L11.Temp -0.568118 0.212359 -2.675 0.007

L11.Precip. horaria 0.000196 0.002561 0.077 0.939

L11.Temp. prom aire 0.000221 0.000343 0.646 0.518

L12.Conduct 0.019246 0.011116 1.731 0.083

L12.Water 0.002738 0.053313 0.051 0.959

L12.Temp 0.050770 0.051883 0.979 0.328

L12.Precip. horaria 0.001968 0.002513 0.783 0.434

L12.Temp. prom aire -0.000396 0.000323 -1.227 0.220

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.094625 0.109463 -0.864 0.387

L1.Conduct 0.525357 0.366952 1.432 0.152

L1.Water -5.139815 1.372176 -3.746 0.000

L1.Temp 0.761489 0.976831 0.780 0.436

L1.Precip. horaria 0.194531 0.049614 3.921 0.000

L1.Temp. prom aire 0.004506 0.006238 0.722 0.470

L2.Conduct -2.117461 1.441594 -1.469 0.142

L2.Water 23.878434 5.758678 4.147 0.000

L2.Temp -5.672521 3.901424 -1.454 0.146

L2.Precip. horaria -0.026231 0.050526 -0.519 0.604

L2.Temp. prom aire 0.004479 0.006687 0.670 0.503

L3.Conduct 3.502551 2.469988 1.418 0.156

L3.Water -52.138677 11.258974 -4.631 0.000

L3.Temp 15.192527 7.215808 2.105 0.035

L3.Precip. horaria 0.212553 0.050458 4.213 0.000

L3.Temp. prom aire -0.004241 0.006686 -0.634 0.526

L4.Conduct -2.515018 2.441747 -1.030 0.303

L4.Water 72.572560 14.687256 4.941 0.000

L4.Temp -22.321509 8.983799 -2.485 0.013

L4.Precip. horaria -0.139593 0.051618 -2.704 0.007

L4.Temp. prom aire -0.007804 0.006661 -1.172 0.241

L5.Conduct -0.504861 1.712975 -0.295 0.768

L5.Water -68.301472 16.148252 -4.230 0.000

L5.Temp 21.899962 9.617073 2.277 0.023

L5.Precip. horaria 0.109710 0.051119 2.146 0.032

L5.Temp. prom aire -0.001005 0.006693 -0.150 0.881

L6.Conduct 2.207018 1.364942 1.617 0.106

L6.Water 41.506136 17.224529 2.410 0.016

L6.Temp -16.049740 9.924627 -1.617 0.106

L6.Precip. horaria -0.179677 0.049649 -3.619 0.000

L6.Temp. prom aire -0.005154 0.006634 -0.777 0.437

L7.Conduct -0.860533 1.359464 -0.633 0.527

L7.Water -18.237385 18.143205 -1.005 0.315

L7.Temp 8.592563 10.116583 0.849 0.396

L7.Precip. horaria 0.078922 0.050464 1.564 0.118

L7.Temp. prom aire 0.007050 0.006661 1.058 0.290

L8.Conduct -0.987519 1.359088 -0.727 0.467

L8.Water 13.586834 18.144594 0.749 0.454

L8.Temp -1.110015 10.298781 -0.108 0.914

L8.Precip. horaria -0.024311 0.050552 -0.481 0.631

L8.Temp. prom aire -0.001418 0.006692 -0.212 0.832

L9.Conduct 0.842011 1.308431 0.644 0.520

L9.Water -14.630754 15.761776 -0.928 0.353

L9.Temp -4.529660 9.976132 -0.454 0.650

L9.Precip. horaria 0.123594 0.050630 2.441 0.015

L9.Temp. prom aire 0.009474 0.006729 1.408 0.159

L10.Conduct 0.276651 1.234188 0.224 0.823

L10.Water 10.106989 10.653299 0.949 0.343

L10.Temp 5.358886 7.955707 0.674 0.501

L10.Precip. horaria -0.071196 0.049942 -1.426 0.154

L10.Temp. prom aire -0.003613 0.006807 -0.531 0.596

L11.Conduct -0.553773 0.788648 -0.702 0.483

L11.Water -3.880399 4.817747 -0.805 0.421

L11.Temp -2.663876 4.186795 -0.636 0.525

L11.Precip. horaria -0.035204 0.050486 -0.697 0.486

L11.Temp. prom aire -0.008816 0.006755 -1.305 0.192

L12.Conduct 0.185789 0.219161 0.848 0.397

L12.Water 0.684776 1.051107 0.651 0.515

L12.Temp 0.545734 1.022913 0.534 0.594

L12.Precip. horaria -0.079237 0.049554 -1.599 0.110

L12.Temp. prom aire 0.003932 0.006365 0.618 0.537

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.777278 0.867590 2.049 0.041

L1.Conduct 3.379102 2.908410 1.162 0.245

L1.Water -11.822851 10.875668 -1.087 0.277

L1.Temp 6.711975 7.742222 0.867 0.386

L1.Precip. horaria 0.159066 0.393230 0.405 0.686

L1.Temp. prom aire 0.381798 0.049438 7.723 0.000

L2.Conduct -13.645865 11.425861 -1.194 0.232

L2.Water 48.902208 45.642437 1.071 0.284

L2.Temp -23.808405 30.922119 -0.770 0.441

L2.Precip. horaria -0.335500 0.400462 -0.838 0.402

L2.Temp. prom aire 0.033173 0.053004 0.626 0.531

L3.Conduct 22.841248 19.576764 1.167 0.243

L3.Water -84.997601 89.236978 -0.952 0.341

L3.Temp 45.095091 57.191437 0.788 0.430

L3.Precip. horaria -0.137386 0.399920 -0.344 0.731

L3.Temp. prom aire 0.022779 0.052991 0.430 0.667

L4.Conduct -18.223508 19.352929 -0.942 0.346

L4.Water 76.517814 116.409043 0.657 0.511

L4.Temp -33.653696 71.204274 -0.473 0.636

L4.Precip. horaria 0.343846 0.409117 0.840 0.401

L4.Temp. prom aire 0.046393 0.052793 0.879 0.380

L5.Conduct 6.379661 13.576793 0.470 0.638

L5.Water -31.466830 127.988679 -0.246 0.806

L5.Temp -11.206390 76.223513 -0.147 0.883

L5.Precip. horaria -0.433349 0.405159 -1.070 0.285

L5.Temp. prom aire -0.024226 0.053048 -0.457 0.648

L6.Conduct -2.340241 10.818330 -0.216 0.829

L6.Water -14.984871 136.519093 -0.110 0.913

L6.Temp 5.377977 78.661139 0.068 0.945

L6.Precip. horaria -0.366308 0.393507 -0.931 0.352

L6.Temp. prom aire -0.048075 0.052577 -0.914 0.361

L7.Conduct 2.418740 10.774916 0.224 0.822

L7.Water 57.112630 143.800383 0.397 0.691

L7.Temp 61.607311 80.182552 0.768 0.442

L7.Precip. horaria -0.405195 0.399972 -1.013 0.311

L7.Temp. prom aire 0.130235 0.052795 2.467 0.014

L8.Conduct -0.423445 10.771936 -0.039 0.969

L8.Water -87.689065 143.811393 -0.610 0.542

L8.Temp -94.995746 81.626629 -1.164 0.245

L8.Precip. horaria 0.051508 0.400668 0.129 0.898

L8.Temp. prom aire 0.003709 0.053041 0.070 0.944

L9.Conduct -0.769424 10.370430 -0.074 0.941

L9.Water 89.245715 124.925531 0.714 0.475

L9.Temp 59.210034 79.069364 0.749 0.454

L9.Precip. horaria 0.333889 0.401288 0.832 0.405

L9.Temp. prom aire -0.063895 0.053331 -1.198 0.231

L10.Conduct 1.123870 9.781990 0.115 0.909

L10.Water -65.162461 84.436491 -0.772 0.440

L10.Temp -7.143879 63.055770 -0.113 0.910

L10.Precip. horaria 0.300886 0.395832 0.760 0.447

L10.Temp. prom aire -0.024092 0.053948 -0.447 0.655

L11.Conduct -1.044457 6.250708 -0.167 0.867

L11.Water 31.568106 38.184756 0.827 0.408

L11.Temp -13.372780 33.183923 -0.403 0.687

L11.Precip. horaria 0.377952 0.400147 0.945 0.345

L11.Temp. prom aire -0.046258 0.053540 -0.864 0.388

L12.Conduct 0.319636 1.737035 0.184 0.854

L12.Water -7.224303 8.330917 -0.867 0.386

L12.Temp 6.464054 8.107461 0.797 0.425

L12.Precip. horaria 0.125044 0.392760 0.318 0.750

L12.Temp. prom aire 0.033094 0.050445 0.656 0.512

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.652977 0.002419 -0.014279 -0.015457

Water 0.652977 1.000000 0.140883 -0.124577 -0.035117

Temp 0.002419 0.140883 1.000000 -0.029585 -0.093068

Precip. horaria -0.014279 -0.124577 -0.029585 1.000000 0.105605

Temp. prom aire -0.015457 -0.035117 -0.093068 0.105605 1.000000

* Lag 24:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.5776

Nobs: 464.000 HQIC: -26.8507

Log likelihood: 4035.37 FPE: 2.77258e-13

AIC: -28.9755 Det(Omega\_mle): 8.70350e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.039189 0.024577 1.595 0.111

L1.Conduct 4.161382 0.092655 44.913 0.000

L1.Water 0.099533 0.262376 0.379 0.704

L1.Temp -0.488508 0.152482 -3.204 0.001

L1.Precip. horaria 0.000385 0.005620 0.069 0.945

L1.Temp. prom aire -0.000736 0.000694 -1.061 0.289

L2.Conduct -7.275043 0.414529 -17.550 0.000

L2.Water -1.145369 1.137134 -1.007 0.314

L2.Temp 2.237352 0.658599 3.397 0.001

L2.Precip. horaria -0.001199 0.005593 -0.214 0.830

L2.Temp. prom aire 0.000701 0.000731 0.958 0.338

L3.Conduct 6.946628 0.882250 7.874 0.000

L3.Water 4.277750 2.358798 1.814 0.070

L3.Temp -4.375930 1.365715 -3.204 0.001

L3.Precip. horaria -0.004990 0.005503 -0.907 0.364

L3.Temp. prom aire -0.001479 0.000731 -2.024 0.043

L4.Conduct -3.786783 1.258849 -3.008 0.003

L4.Water -8.391216 3.326578 -2.522 0.012

L4.Temp 4.844926 1.924980 2.517 0.012

L4.Precip. horaria -0.002742 0.005633 -0.487 0.626

L4.Temp. prom aire 0.000733 0.000739 0.992 0.321

L5.Conduct 0.708265 1.440176 0.492 0.623

L5.Water 10.510167 3.821108 2.751 0.006

L5.Temp -3.314624 2.205228 -1.503 0.133

L5.Precip. horaria 0.002913 0.005706 0.511 0.610

L5.Temp. prom aire -0.000013 0.000739 -0.017 0.986

L6.Conduct 1.094310 1.505059 0.727 0.467

L6.Water -9.291406 4.027134 -2.307 0.021

L6.Temp 1.139901 2.280699 0.500 0.617

L6.Precip. horaria 0.000592 0.005644 0.105 0.916

L6.Temp. prom aire 0.000610 0.000740 0.825 0.409

L7.Conduct -2.696628 1.602492 -1.683 0.092

L7.Water 5.472541 4.220202 1.297 0.195

L7.Temp 0.986400 2.255992 0.437 0.662

L7.Precip. horaria 0.001318 0.005678 0.232 0.816

L7.Temp. prom aire 0.000034 0.000741 0.046 0.963

L8.Conduct 4.584556 1.755823 2.611 0.009

L8.Water 0.185688 4.444816 0.042 0.967

L8.Temp -3.672727 2.243989 -1.637 0.102

L8.Precip. horaria -0.004926 0.005675 -0.868 0.385

L8.Temp. prom aire -0.000882 0.000744 -1.186 0.236

L9.Conduct -4.642254 1.892605 -2.453 0.014

L9.Water -7.453281 4.638164 -1.607 0.108

L9.Temp 6.922875 2.378825 2.910 0.004

L9.Precip. horaria -0.001227 0.005685 -0.216 0.829

L9.Temp. prom aire -0.000127 0.000735 -0.172 0.863

L10.Conduct 2.284786 2.011616 1.136 0.256

L10.Water 14.402973 4.847041 2.971 0.003

L10.Temp -8.988898 2.654613 -3.386 0.001

L10.Precip. horaria 0.005802 0.005778 1.004 0.315

L10.Temp. prom aire 0.000019 0.000735 0.025 0.980

L11.Conduct -0.159623 2.105675 -0.076 0.940

L11.Water -16.993679 5.070781 -3.351 0.001

L11.Temp 8.283682 2.909145 2.847 0.004

L11.Precip. horaria 0.002094 0.005807 0.361 0.718

L11.Temp. prom aire 0.000553 0.000728 0.759 0.448

L12.Conduct -0.275681 2.144426 -0.129 0.898

L12.Water 14.220171 5.234582 2.717 0.007

L12.Temp -4.954599 3.042601 -1.628 0.103

L12.Precip. horaria 0.002627 0.005810 0.452 0.651

L12.Temp. prom aire -0.000482 0.000729 -0.661 0.509

L13.Conduct -0.500299 2.124628 -0.235 0.814

L13.Water -9.045485 5.290735 -1.710 0.087

L13.Temp 0.778038 3.036795 0.256 0.798

L13.Precip. horaria -0.000991 0.005787 -0.171 0.864

L13.Temp. prom aire 0.000545 0.000733 0.743 0.457

L14.Conduct 1.224193 1.973091 0.620 0.535

L14.Water 3.741234 5.007224 0.747 0.455

L14.Temp 2.279105 2.889765 0.789 0.430

L14.Precip. horaria 0.011763 0.005780 2.035 0.042

L14.Temp. prom aire 0.000230 0.000732 0.314 0.754

L15.Conduct -0.719508 1.562487 -0.460 0.645

L15.Water 0.889056 4.141191 0.215 0.830

L15.Temp -4.100685 2.629660 -1.559 0.119

L15.Precip. horaria 0.004790 0.005801 0.826 0.409

L15.Temp. prom aire 0.000843 0.000734 1.149 0.251

L16.Conduct -0.070611 0.950793 -0.074 0.941

L16.Water -4.394255 3.014856 -1.458 0.145

L16.Temp 5.417436 2.382887 2.273 0.023

L16.Precip. horaria 0.005145 0.005720 0.900 0.368

L16.Temp. prom aire 0.000710 0.000732 0.970 0.332

L17.Conduct -0.013088 0.439760 -0.030 0.976

L17.Water 6.336214 2.361779 2.683 0.007

L17.Temp -5.868273 2.304182 -2.547 0.011

L17.Precip. horaria -0.005273 0.005758 -0.916 0.360

L17.Temp. prom aire 0.000828 0.000738 1.123 0.262

L18.Conduct 0.444696 0.282672 1.573 0.116

L18.Water -6.807404 2.255176 -3.019 0.003

L18.Temp 4.728444 2.336155 2.024 0.043

L18.Precip. horaria 0.005690 0.005790 0.983 0.326

L18.Temp. prom aire -0.000242 0.000740 -0.327 0.743

L19.Conduct -0.584466 0.276932 -2.111 0.035

L19.Water 6.974914 2.234903 3.121 0.002

L19.Temp -2.398050 2.350287 -1.020 0.308

L19.Precip. horaria -0.007027 0.005730 -1.226 0.220

L19.Temp. prom aire 0.000224 0.000737 0.304 0.761

L20.Conduct 0.140442 0.271081 0.518 0.604

L20.Water -6.569297 2.123238 -3.094 0.002

L20.Temp 0.462039 2.269826 0.204 0.839

L20.Precip. horaria 0.001561 0.005755 0.271 0.786

L20.Temp. prom aire 0.000751 0.000735 1.022 0.307

L21.Conduct 0.509999 0.261413 1.951 0.051

L21.Water 4.213321 1.835853 2.295 0.022

L21.Temp -0.020220 1.981776 -0.010 0.992

L21.Precip. horaria 0.000360 0.005703 0.063 0.950

L21.Temp. prom aire -0.000643 0.000741 -0.868 0.386

L22.Conduct -0.544211 0.236884 -2.297 0.022

L22.Water -1.287882 1.305183 -0.987 0.324

L22.Temp 0.351396 1.399604 0.251 0.802

L22.Precip. horaria 0.008830 0.005558 1.589 0.112

L22.Temp. prom aire 0.001390 0.000751 1.851 0.064

L23.Conduct 0.171364 0.149374 1.147 0.251

L23.Water 0.000782 0.636071 0.001 0.999

L23.Temp -0.355993 0.666703 -0.534 0.593

L23.Precip. horaria -0.003986 0.005614 -0.710 0.478

L23.Temp. prom aire -0.000373 0.000762 -0.490 0.624

L24.Conduct -0.003473 0.041337 -0.084 0.933

L24.Water 0.055866 0.148492 0.376 0.707

L24.Temp 0.103902 0.151482 0.686 0.493

L24.Precip. horaria 0.004715 0.005537 0.852 0.394

L24.Temp. prom aire 0.000051 0.000717 0.072 0.943

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.014659 0.008269 1.773 0.076

L1.Conduct -0.010555 0.031175 -0.339 0.735

L1.Water 4.144751 0.088280 46.950 0.000

L1.Temp 0.024908 0.051305 0.485 0.627

L1.Precip. horaria 0.000594 0.001891 0.314 0.754

L1.Temp. prom aire -0.000178 0.000234 -0.764 0.445

L2.Conduct 0.140294 0.139473 1.006 0.314

L2.Water -7.713985 0.382603 -20.162 0.000

L2.Temp -0.059731 0.221594 -0.270 0.788

L2.Precip. horaria -0.000829 0.001882 -0.440 0.660

L2.Temp. prom aire 0.000246 0.000246 1.001 0.317

L3.Conduct -0.456286 0.296844 -1.537 0.124

L3.Water 9.000929 0.793647 11.341 0.000

L3.Temp 0.065676 0.459512 0.143 0.886

L3.Precip. horaria -0.002014 0.001852 -1.088 0.277

L3.Temp. prom aire -0.000319 0.000246 -1.297 0.195

L4.Conduct 0.711688 0.423555 1.680 0.093

L4.Water -7.734063 1.119269 -6.910 0.000

L4.Temp -0.110209 0.647684 -0.170 0.865

L4.Precip. horaria -0.000143 0.001895 -0.076 0.940

L4.Temp. prom aire 0.000008 0.000249 0.031 0.975

L5.Conduct -0.677847 0.484565 -1.399 0.162

L5.Water 5.204593 1.285660 4.048 0.000

L5.Temp 0.190828 0.741976 0.257 0.797

L5.Precip. horaria 0.001790 0.001920 0.932 0.351

L5.Temp. prom aire 0.000009 0.000249 0.038 0.970

L6.Conduct 0.497029 0.506396 0.982 0.326

L6.Water -2.530748 1.354979 -1.868 0.062

L6.Temp -0.226305 0.767370 -0.295 0.768

L6.Precip. horaria -0.000082 0.001899 -0.043 0.965

L6.Temp. prom aire 0.000273 0.000249 1.099 0.272

L7.Conduct -0.413746 0.539178 -0.767 0.443

L7.Water -0.420267 1.419940 -0.296 0.767

L7.Temp 0.418852 0.759057 0.552 0.581

L7.Precip. horaria -0.000425 0.001910 -0.223 0.824

L7.Temp. prom aire 0.000080 0.000249 0.319 0.749

L8.Conduct 0.371646 0.590768 0.629 0.529

L8.Water 4.044560 1.495514 2.704 0.007

L8.Temp -0.946166 0.755018 -1.253 0.210

L8.Precip. horaria -0.003849 0.001910 -2.016 0.044

L8.Temp. prom aire -0.000166 0.000250 -0.663 0.507

L9.Conduct -0.062686 0.636791 -0.098 0.922

L9.Water -7.092908 1.560568 -4.545 0.000

L9.Temp 1.454166 0.800385 1.817 0.069

L9.Precip. horaria 0.001019 0.001913 0.533 0.594

L9.Temp. prom aire -0.000258 0.000247 -1.044 0.297

L10.Conduct -0.337147 0.676833 -0.498 0.618

L10.Water 7.896798 1.630847 4.842 0.000

L10.Temp -1.507903 0.893178 -1.688 0.091

L10.Precip. horaria 0.003542 0.001944 1.822 0.068

L10.Temp. prom aire -0.000053 0.000247 -0.213 0.831

L11.Conduct 0.233178 0.708481 0.329 0.742

L11.Water -6.097473 1.706128 -3.574 0.000

L11.Temp 1.003462 0.978818 1.025 0.305

L11.Precip. horaria 0.000170 0.001954 0.087 0.931

L11.Temp. prom aire 0.000223 0.000245 0.911 0.362

L12.Conduct 0.298664 0.721519 0.414 0.679

L12.Water 3.182751 1.761241 1.807 0.071

L12.Temp -0.119849 1.023721 -0.117 0.907

L12.Precip. horaria 0.000751 0.001955 0.384 0.701

L12.Temp. prom aire 0.000089 0.000245 0.361 0.718

L13.Conduct -0.680574 0.714858 -0.952 0.341

L13.Water -1.406816 1.780134 -0.790 0.429

L13.Temp -0.695502 1.021767 -0.681 0.496

L13.Precip. horaria -0.000247 0.001947 -0.127 0.899

L13.Temp. prom aire 0.000065 0.000247 0.262 0.793

L14.Conduct 0.608219 0.663871 0.916 0.360

L14.Water 0.967862 1.684743 0.574 0.566

L14.Temp 1.274396 0.972298 1.311 0.190

L14.Precip. horaria 0.003591 0.001945 1.847 0.065

L14.Temp. prom aire -0.000196 0.000246 -0.797 0.426

L15.Conduct -0.185292 0.525718 -0.352 0.724

L15.Water -0.384570 1.393355 -0.276 0.783

L15.Temp -1.794221 0.884782 -2.028 0.043

L15.Precip. horaria 0.002329 0.001952 1.193 0.233

L15.Temp. prom aire 0.000227 0.000247 0.917 0.359

L16.Conduct -0.099437 0.319906 -0.311 0.756

L16.Water -0.804092 1.014386 -0.793 0.428

L16.Temp 2.024407 0.801752 2.525 0.012

L16.Precip. horaria 0.000465 0.001924 0.241 0.809

L16.Temp. prom aire 0.000030 0.000246 0.121 0.904

L17.Conduct 0.006749 0.147963 0.046 0.964

L17.Water 1.871258 0.794650 2.355 0.019

L17.Temp -1.590777 0.775271 -2.052 0.040

L17.Precip. horaria -0.000007 0.001937 -0.004 0.997

L17.Temp. prom aire 0.000319 0.000248 1.285 0.199

L18.Conduct 0.162879 0.095109 1.713 0.087

L18.Water -2.311213 0.758782 -3.046 0.002

L18.Temp 0.627258 0.786028 0.798 0.425

L18.Precip. horaria 0.000143 0.001948 0.073 0.942

L18.Temp. prom aire -0.000094 0.000249 -0.379 0.705

L19.Conduct -0.188313 0.093177 -2.021 0.043

L19.Water 2.536111 0.751961 3.373 0.001

L19.Temp 0.263487 0.790783 0.333 0.739

L19.Precip. horaria -0.002604 0.001928 -1.351 0.177

L19.Temp. prom aire 0.000125 0.000248 0.506 0.613

L20.Conduct 0.056704 0.091208 0.622 0.534

L20.Water -2.776554 0.714390 -3.887 0.000

L20.Temp -0.544584 0.763711 -0.713 0.476

L20.Precip. horaria 0.001300 0.001936 0.671 0.502

L20.Temp. prom aire -0.000094 0.000247 -0.379 0.704

L21.Conduct 0.137189 0.087956 1.560 0.119

L21.Water 2.318395 0.617696 3.753 0.000

L21.Temp 0.316843 0.666793 0.475 0.635

L21.Precip. horaria 0.001321 0.001919 0.688 0.491

L21.Temp. prom aire -0.000080 0.000249 -0.320 0.749

L22.Conduct -0.198698 0.079703 -2.493 0.013

L22.Water -1.150937 0.439145 -2.621 0.009

L22.Temp -0.047336 0.470914 -0.101 0.920

L22.Precip. horaria 0.002688 0.001870 1.437 0.151

L22.Temp. prom aire 0.000105 0.000253 0.415 0.678

L23.Conduct 0.109115 0.050259 2.171 0.030

L23.Water 0.279324 0.214014 1.305 0.192

L23.Temp -0.041970 0.224321 -0.187 0.852

L23.Precip. horaria -0.000748 0.001889 -0.396 0.692

L23.Temp. prom aire 0.000101 0.000256 0.396 0.692

L24.Conduct -0.022900 0.013909 -1.646 0.100

L24.Water -0.023940 0.049962 -0.479 0.632

L24.Temp 0.019777 0.050968 0.388 0.698

L24.Precip. horaria -0.000063 0.001863 -0.034 0.973

L24.Temp. prom aire -0.000162 0.000241 -0.672 0.502

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.032349 0.009584 3.375 0.001

L1.Conduct -0.211801 0.036130 -5.862 0.000

L1.Water 0.454495 0.102312 4.442 0.000

L1.Temp 4.072286 0.059459 68.489 0.000

L1.Precip. horaria 0.000899 0.002191 0.410 0.682

L1.Temp. prom aire 0.000309 0.000271 1.142 0.253

L2.Conduct 0.947569 0.161642 5.862 0.000

L2.Water -2.205622 0.443417 -4.974 0.000

L2.Temp -7.248511 0.256815 -28.225 0.000

L2.Precip. horaria -0.000150 0.002181 -0.069 0.945

L2.Temp. prom aire -0.000053 0.000285 -0.187 0.852

L3.Conduct -1.914567 0.344027 -5.565 0.000

L3.Water 4.911536 0.919795 5.340 0.000

L3.Temp 7.641941 0.532550 14.350 0.000

L3.Precip. horaria 0.000383 0.002146 0.178 0.858

L3.Temp. prom aire -0.000838 0.000285 -2.942 0.003

L4.Conduct 2.401761 0.490878 4.893 0.000

L4.Water -6.823221 1.297174 -5.260 0.000

L4.Temp -5.545733 0.750631 -7.388 0.000

L4.Precip. horaria 0.002388 0.002196 1.087 0.277

L4.Temp. prom aire -0.000096 0.000288 -0.334 0.739

L5.Conduct -2.191789 0.561586 -3.903 0.000

L5.Water 6.805545 1.490012 4.567 0.000

L5.Temp 3.163268 0.859912 3.679 0.000

L5.Precip. horaria -0.000570 0.002225 -0.256 0.798

L5.Temp. prom aire -0.000123 0.000288 -0.427 0.670

L6.Conduct 1.541966 0.586886 2.627 0.009

L6.Water -5.179943 1.570350 -3.299 0.001

L6.Temp -1.537381 0.889341 -1.729 0.084

L6.Precip. horaria -0.001502 0.002201 -0.683 0.495

L6.Temp. prom aire -0.000150 0.000288 -0.520 0.603

L7.Conduct -0.641057 0.624879 -1.026 0.305

L7.Water 2.649752 1.645635 1.610 0.107

L7.Temp -0.462699 0.879707 -0.526 0.599

L7.Precip. horaria 0.002480 0.002214 1.120 0.263

L7.Temp. prom aire 0.000182 0.000289 0.629 0.529

L8.Conduct -0.566017 0.684669 -0.827 0.408

L8.Water 0.552394 1.733222 0.319 0.750

L8.Temp 3.669604 0.875026 4.194 0.000

L8.Precip. horaria -0.002550 0.002213 -1.152 0.249

L8.Temp. prom aire -0.000406 0.000290 -1.402 0.161

L9.Conduct 2.056340 0.738007 2.786 0.005

L9.Water -4.463980 1.808616 -2.468 0.014

L9.Temp -6.210445 0.927604 -6.695 0.000

L9.Precip. horaria 0.000329 0.002217 0.148 0.882

L9.Temp. prom aire 0.000018 0.000287 0.061 0.951

L10.Conduct -3.270942 0.784414 -4.170 0.000

L10.Water 8.269488 1.890066 4.375 0.000

L10.Temp 6.349392 1.035146 6.134 0.000

L10.Precip. horaria -0.002138 0.002253 -0.949 0.343

L10.Temp. prom aire 0.000035 0.000287 0.121 0.904

L11.Conduct 3.605631 0.821092 4.391 0.000

L11.Water -10.271089 1.977312 -5.194 0.000

L11.Temp -4.773965 1.134398 -4.208 0.000

L11.Precip. horaria 0.001161 0.002265 0.513 0.608

L11.Temp. prom aire -0.000142 0.000284 -0.500 0.617

L12.Conduct -3.073608 0.836202 -3.676 0.000

L12.Water 9.634050 2.041185 4.720 0.000

L12.Temp 3.225383 1.186439 2.719 0.007

L12.Precip. horaria 0.001187 0.002266 0.524 0.600

L12.Temp. prom aire -0.000666 0.000284 -2.342 0.019

L13.Conduct 2.029949 0.828482 2.450 0.014

L13.Water -6.975212 2.063081 -3.381 0.001

L13.Temp -2.948059 1.184175 -2.490 0.013

L13.Precip. horaria 0.002040 0.002257 0.904 0.366

L13.Temp. prom aire 0.000294 0.000286 1.028 0.304

L14.Conduct -0.982993 0.769392 -1.278 0.201

L14.Water 3.801482 1.952528 1.947 0.052

L14.Temp 3.115668 1.126842 2.765 0.006

L14.Precip. horaria 0.000201 0.002254 0.089 0.929

L14.Temp. prom aire -0.000032 0.000286 -0.111 0.911

L15.Conduct 0.337857 0.609280 0.555 0.579

L15.Water -1.523387 1.614825 -0.943 0.345

L15.Temp -1.910752 1.025416 -1.863 0.062

L15.Precip. horaria 0.004098 0.002262 1.812 0.070

L15.Temp. prom aire -0.000294 0.000286 -1.026 0.305

L16.Conduct -0.017105 0.370755 -0.046 0.963

L16.Water 0.223613 1.175620 0.190 0.849

L16.Temp -0.270986 0.929189 -0.292 0.771

L16.Precip. horaria 0.000192 0.002230 0.086 0.931

L16.Temp. prom aire -0.000153 0.000285 -0.538 0.591

L17.Conduct -0.138840 0.171481 -0.810 0.418

L17.Water 0.604774 0.920958 0.657 0.511

L17.Temp 1.594680 0.898498 1.775 0.076

L17.Precip. horaria 0.004335 0.002245 1.931 0.054

L17.Temp. prom aire -0.000340 0.000288 -1.183 0.237

L18.Conduct 0.191305 0.110226 1.736 0.083

L18.Water -1.087037 0.879389 -1.236 0.216

L18.Temp -1.637210 0.910965 -1.797 0.072

L18.Precip. horaria 0.000793 0.002258 0.351 0.725

L18.Temp. prom aire -0.000151 0.000288 -0.523 0.601

L19.Conduct -0.233419 0.107987 -2.162 0.031

L19.Water 1.239899 0.871483 1.423 0.155

L19.Temp 1.642777 0.916476 1.792 0.073

L19.Precip. horaria 0.000973 0.002234 0.435 0.663

L19.Temp. prom aire 0.000054 0.000287 0.187 0.851

L20.Conduct 0.199649 0.105706 1.889 0.059

L20.Water -0.911568 0.827940 -1.101 0.271

L20.Temp -2.416455 0.885101 -2.730 0.006

L20.Precip. horaria -0.001585 0.002244 -0.706 0.480

L20.Temp. prom aire 0.000549 0.000287 1.915 0.055

L21.Conduct -0.052816 0.101936 -0.518 0.604

L21.Water 0.194263 0.715877 0.271 0.786

L21.Temp 2.898491 0.772778 3.751 0.000

L21.Precip. horaria -0.001649 0.002224 -0.741 0.458

L21.Temp. prom aire -0.000240 0.000289 -0.831 0.406

L22.Conduct -0.051849 0.092371 -0.561 0.575

L22.Water 0.269871 0.508946 0.530 0.596

L22.Temp -2.096510 0.545765 -3.841 0.000

L22.Precip. horaria 0.001156 0.002167 0.533 0.594

L22.Temp. prom aire -0.000242 0.000293 -0.827 0.408

L23.Conduct 0.049128 0.058247 0.843 0.399

L23.Water -0.224258 0.248031 -0.904 0.366

L23.Temp 0.834495 0.259976 3.210 0.001

L23.Precip. horaria 0.000049 0.002189 0.022 0.982

L23.Temp. prom aire -0.000305 0.000297 -1.028 0.304

L24.Conduct -0.014317 0.016119 -0.888 0.374

L24.Water 0.053576 0.057903 0.925 0.355

L24.Temp -0.148555 0.059069 -2.515 0.012

L24.Precip. horaria 0.001537 0.002159 0.712 0.476

L24.Temp. prom aire 0.000181 0.000280 0.648 0.517

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.257268 0.235301 -1.093 0.274

L1.Conduct 0.500797 0.887079 0.565 0.572

L1.Water -3.334318 2.511993 -1.327 0.184

L1.Temp -2.323004 1.459867 -1.591 0.112

L1.Precip. horaria 0.108783 0.053806 2.022 0.043

L1.Temp. prom aire 0.003257 0.006644 0.490 0.624

L2.Conduct -3.842843 3.968708 -0.968 0.333

L2.Water 16.272027 10.886938 1.495 0.135

L2.Temp 8.410968 6.305434 1.334 0.182

L2.Precip. horaria -0.038368 0.053552 -0.716 0.474

L2.Temp. prom aire 0.002390 0.006999 0.341 0.733

L3.Conduct 12.321400 8.446675 1.459 0.145

L3.Water -40.814863 22.583163 -1.807 0.071

L3.Temp -15.897866 13.075379 -1.216 0.224

L3.Precip. horaria 0.271919 0.052685 5.161 0.000

L3.Temp. prom aire -0.007942 0.006996 -1.135 0.256

L4.Conduct -20.072802 12.052238 -1.665 0.096

L4.Water 63.928589 31.848711 2.007 0.045

L4.Temp 23.281919 18.429790 1.263 0.206

L4.Precip. horaria -0.149994 0.053928 -2.781 0.005

L4.Temp. prom aire -0.007932 0.007079 -1.120 0.263

L5.Conduct 18.970012 13.788267 1.376 0.169

L5.Water -61.707789 36.583348 -1.687 0.092

L5.Temp -26.863956 21.112884 -1.272 0.203

L5.Precip. horaria 0.089051 0.054628 1.630 0.103

L5.Temp. prom aire 0.002127 0.007077 0.301 0.764

L6.Conduct -12.572017 14.409461 -0.872 0.383

L6.Water 36.957602 38.555836 0.959 0.338

L6.Temp 24.357703 21.835449 1.116 0.265

L6.Precip. horaria -0.144143 0.054033 -2.668 0.008

L6.Temp. prom aire -0.001805 0.007080 -0.255 0.799

L7.Conduct 6.302913 15.342282 0.411 0.681

L7.Water -16.540299 40.404276 -0.409 0.682

L7.Temp -22.040829 21.598899 -1.020 0.308

L7.Precip. horaria 0.120989 0.054362 2.226 0.026

L7.Temp. prom aire 0.005235 0.007090 0.738 0.460

L8.Conduct 1.369982 16.810271 0.081 0.935

L8.Water 1.898733 42.554737 0.045 0.964

L8.Temp 23.305367 21.483980 1.085 0.278

L8.Precip. horaria -0.009204 0.054335 -0.169 0.865

L8.Temp. prom aire -0.000852 0.007119 -0.120 0.905

L9.Conduct -9.970593 18.119827 -0.550 0.582

L9.Water 18.909858 44.405849 0.426 0.670

L9.Temp -23.921292 22.774905 -1.050 0.294

L9.Precip. horaria 0.180277 0.054431 3.312 0.001

L9.Temp. prom aire 0.007866 0.007040 1.117 0.264

L10.Conduct 14.676503 19.259244 0.762 0.446

L10.Water -34.914578 46.405637 -0.752 0.452

L10.Temp 20.297163 25.415305 0.799 0.425

L10.Precip. horaria -0.127655 0.055315 -2.308 0.021

L10.Temp. prom aire -0.002802 0.007038 -0.398 0.691

L11.Conduct -12.566984 20.159761 -0.623 0.533

L11.Water 30.444231 48.547735 0.627 0.531

L11.Temp -14.197448 27.852193 -0.510 0.610

L11.Precip. horaria -0.074949 0.055601 -1.348 0.178

L11.Temp. prom aire -0.006428 0.006972 -0.922 0.357

L12.Conduct 6.087819 20.530764 0.297 0.767

L12.Water -8.498414 50.115969 -0.170 0.865

L12.Temp 11.696205 29.129906 0.402 0.688

L12.Precip. horaria -0.070784 0.055626 -1.272 0.203

L12.Temp. prom aire -0.001557 0.006981 -0.223 0.823

L13.Conduct 2.030711 20.341221 0.100 0.920

L13.Water -16.110876 50.653578 -0.318 0.750

L13.Temp -11.862768 29.074318 -0.408 0.683

L13.Precip. horaria 0.109946 0.055407 1.984 0.047

L13.Temp. prom aire -0.000235 0.007017 -0.033 0.973

L14.Conduct -9.855712 18.890402 -0.522 0.602

L14.Water 30.409110 47.939239 0.634 0.526

L14.Temp 4.803876 27.666654 0.174 0.862

L14.Precip. horaria 0.004022 0.055338 0.073 0.942

L14.Temp. prom aire 0.005362 0.007010 0.765 0.444

L15.Conduct 11.429652 14.959277 0.764 0.445

L15.Water -28.177644 39.647820 -0.711 0.477

L15.Temp 12.323896 25.176401 0.490 0.624

L15.Precip. horaria 0.070671 0.055537 1.273 0.203

L15.Temp. prom aire -0.002486 0.007027 -0.354 0.724

L16.Conduct -5.810398 9.102909 -0.638 0.523

L16.Water 12.826078 28.864279 0.444 0.657

L16.Temp -30.570872 22.813799 -1.340 0.180

L16.Precip. horaria -0.118612 0.054759 -2.166 0.030

L16.Temp. prom aire 0.000917 0.007008 0.131 0.896

L17.Conduct 0.334158 4.210271 0.079 0.937

L17.Water 2.948390 22.611709 0.130 0.896

L17.Temp 40.368051 22.060276 1.830 0.067

L17.Precip. horaria -0.019921 0.055131 -0.361 0.718

L17.Temp. prom aire 0.000672 0.007062 0.095 0.924

L18.Conduct 2.458342 2.706306 0.908 0.364

L18.Water -11.849652 21.591089 -0.549 0.583

L18.Temp -40.786187 22.366378 -1.824 0.068

L18.Precip. horaria 0.040081 0.055437 0.723 0.470

L18.Temp. prom aire 0.005651 0.007082 0.798 0.425

L19.Conduct -4.987369 2.651347 -1.881 0.060

L19.Water 18.986770 21.396997 0.887 0.375

L19.Temp 36.898266 22.501678 1.640 0.101

L19.Precip. horaria 0.092552 0.054861 1.687 0.092

L19.Temp. prom aire -0.002617 0.007054 -0.371 0.711

L20.Conduct 7.076097 2.595330 2.726 0.006

L20.Water -26.998546 20.327908 -1.328 0.184

L20.Temp -30.416259 21.731343 -1.400 0.162

L20.Precip. horaria 0.034645 0.055096 0.629 0.529

L20.Temp. prom aire 0.004244 0.007037 0.603 0.546

L21.Conduct -6.385463 2.502774 -2.551 0.011

L21.Water 28.390730 17.576483 1.615 0.106

L21.Temp 20.831075 18.973555 1.098 0.272

L21.Precip. horaria -0.111125 0.054597 -2.035 0.042

L21.Temp. prom aire 0.021653 0.007097 3.051 0.002

L22.Conduct 2.590532 2.267932 1.142 0.253

L22.Water -18.685943 12.495845 -1.495 0.135

L22.Temp -11.114432 13.399827 -0.829 0.407

L22.Precip. horaria -0.041467 0.053215 -0.779 0.436

L22.Temp. prom aire -0.017302 0.007191 -2.406 0.016

L23.Conduct 0.381178 1.430110 0.267 0.790

L23.Water 6.449932 6.089751 1.059 0.290

L23.Temp 4.314906 6.383024 0.676 0.499

L23.Precip. horaria 0.032219 0.053753 0.599 0.549

L23.Temp. prom aire -0.004641 0.007293 -0.636 0.525

L24.Conduct -0.462466 0.395766 -1.169 0.243

L24.Water -0.788518 1.421665 -0.555 0.579

L24.Temp -0.892834 1.450294 -0.616 0.538

L24.Precip. horaria -0.050547 0.053010 -0.954 0.340

L24.Temp. prom aire 0.004299 0.006868 0.626 0.531

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 5.721119 1.908178 2.998 0.003

L1.Conduct -1.160485 7.193792 -0.161 0.872

L1.Water -18.370213 20.371072 -0.902 0.367

L1.Temp -2.646077 11.838830 -0.224 0.823

L1.Precip. horaria 0.231878 0.436342 0.531 0.595

L1.Temp. prom aire 0.361292 0.053882 6.705 0.000

L2.Conduct 1.139734 32.184331 0.035 0.972

L2.Water 82.350132 88.287890 0.933 0.351

L2.Temp 5.141339 51.134068 0.101 0.920

L2.Precip. horaria -0.349571 0.434279 -0.805 0.421

L2.Temp. prom aire 0.071351 0.056756 1.257 0.209

L3.Conduct 9.620977 68.498519 0.140 0.888

L3.Water -184.457254 183.138709 -1.007 0.314

L3.Temp 1.761202 106.035105 0.017 0.987

L3.Precip. horaria 0.055335 0.427248 0.130 0.897

L3.Temp. prom aire 0.049170 0.056733 0.867 0.386

L4.Conduct -30.690696 97.737921 -0.314 0.754

L4.Water 275.929811 258.277898 1.068 0.285

L4.Temp 28.160694 149.456834 0.188 0.851

L4.Precip. horaria 0.472072 0.437329 1.079 0.280

L4.Temp. prom aire 0.007037 0.057411 0.123 0.902

L5.Conduct 53.010458 111.816285 0.474 0.635

L5.Water -309.474243 296.673559 -1.043 0.297

L5.Temp -101.020633 171.215452 -0.590 0.555

L5.Precip. horaria -0.386409 0.443007 -0.872 0.383

L5.Temp. prom aire -0.036489 0.057392 -0.636 0.525

L6.Conduct -57.083119 116.853878 -0.488 0.625

L6.Water 238.357648 312.669498 0.762 0.446

L6.Temp 95.063924 177.075104 0.537 0.591

L6.Precip. horaria 0.144478 0.438182 0.330 0.742

L6.Temp. prom aire -0.085263 0.057417 -1.485 0.138

L7.Conduct 1.155475 124.418609 0.009 0.993

L7.Water -12.869068 327.659462 -0.039 0.969

L7.Temp 7.650662 175.156800 0.044 0.965

L7.Precip. horaria 0.202414 0.440848 0.459 0.646

L7.Temp. prom aire 0.135178 0.057497 2.351 0.019

L8.Conduct 100.347334 136.323301 0.736 0.462

L8.Water -271.511515 345.098681 -0.787 0.431

L8.Temp -74.496398 174.224860 -0.428 0.669

L8.Precip. horaria -0.113577 0.440631 -0.258 0.797

L8.Temp. prom aire -0.027578 0.057730 -0.478 0.633

L9.Conduct -167.971793 146.943176 -1.143 0.253

L9.Water 418.899766 360.110319 1.163 0.245

L9.Temp 66.977264 184.693652 0.363 0.717

L9.Precip. horaria 0.072612 0.441412 0.164 0.869

L9.Temp. prom aire -0.079622 0.057093 -1.395 0.163

L10.Conduct 177.517472 156.183307 1.137 0.256

L10.Water -399.193304 376.327650 -1.061 0.289

L10.Temp -62.221611 206.106040 -0.302 0.763

L10.Precip. horaria 0.553888 0.448577 1.235 0.217

L10.Temp. prom aire -0.050877 0.057078 -0.891 0.373

L11.Conduct -159.376693 163.486078 -0.975 0.330

L11.Water 300.091615 393.699045 0.762 0.446

L11.Temp 106.200585 225.868040 0.470 0.638

L11.Precip. horaria 0.681089 0.450895 1.511 0.131

L11.Temp. prom aire -0.032204 0.056542 -0.570 0.569

L12.Conduct 130.838234 166.494734 0.786 0.432

L12.Water -175.369486 406.416676 -0.432 0.666

L12.Temp -150.171962 236.229687 -0.636 0.525

L12.Precip. horaria -0.071312 0.451104 -0.158 0.874

L12.Temp. prom aire -0.020856 0.056609 -0.368 0.713

L13.Conduct -86.415265 164.957630 -0.524 0.600

L13.Water 47.653173 410.776431 0.116 0.908

L13.Temp 136.421191 235.778895 0.579 0.563

L13.Precip. horaria -0.421235 0.449328 -0.937 0.349

L13.Temp. prom aire 0.037382 0.056904 0.657 0.511

L14.Conduct 22.990103 153.192175 0.150 0.881

L14.Water 81.935480 388.764429 0.211 0.833

L14.Temp -101.920074 224.363410 -0.454 0.650

L14.Precip. horaria -0.764870 0.448762 -1.704 0.088

L14.Temp. prom aire 0.081542 0.056850 1.434 0.151

L15.Conduct 18.951448 121.312626 0.156 0.876

L15.Water -161.011547 321.524965 -0.501 0.617

L15.Temp 72.130748 204.168640 0.353 0.724

L15.Precip. horaria 0.108018 0.450379 0.240 0.810

L15.Temp. prom aire -0.012428 0.056989 -0.218 0.827

L16.Conduct -11.542995 73.820263 -0.156 0.876

L16.Water 125.567459 234.075574 0.536 0.592

L16.Temp -13.735962 185.009059 -0.074 0.941

L16.Precip. horaria -0.261351 0.444070 -0.589 0.556

L16.Temp. prom aire -0.100538 0.056828 -1.769 0.077

L17.Conduct -2.378942 34.143294 -0.070 0.944

L17.Water -37.174576 183.370207 -0.203 0.839

L17.Temp -59.855045 178.898348 -0.335 0.738

L17.Precip. horaria 0.821023 0.447083 1.836 0.066

L17.Temp. prom aire 0.095267 0.057272 1.663 0.096

L18.Conduct -5.508465 21.946856 -0.251 0.802

L18.Water 10.813525 175.093464 0.062 0.951

L18.Temp 137.037404 181.380690 0.756 0.450

L18.Precip. horaria 0.437801 0.449568 0.974 0.330

L18.Temp. prom aire -0.009816 0.057431 -0.171 0.864

L19.Conduct 7.100234 21.501161 0.330 0.741

L19.Water -54.825450 173.519470 -0.316 0.752

L19.Temp -229.960851 182.477910 -1.260 0.208

L19.Precip. horaria -0.134405 0.444895 -0.302 0.763

L19.Temp. prom aire -0.014396 0.057205 -0.252 0.801

L20.Conduct 13.924337 21.046888 0.662 0.508

L20.Water 71.681027 164.849664 0.435 0.664

L20.Temp 295.098990 176.230855 1.675 0.094

L20.Precip. horaria -0.130993 0.446800 -0.293 0.769

L20.Temp. prom aire -0.077214 0.057069 -1.353 0.176

L21.Conduct -31.778857 20.296309 -1.566 0.117

L21.Water -21.239724 142.536920 -0.149 0.882

L21.Temp -279.968757 153.866511 -1.820 0.069

L21.Precip. horaria 0.262305 0.442753 0.592 0.554

L21.Temp. prom aire 0.080232 0.057555 1.394 0.163

L22.Conduct 23.425306 18.391848 1.274 0.203

L22.Water -23.972253 101.335364 -0.237 0.813

L22.Temp 189.039573 108.666225 1.740 0.082

L22.Precip. horaria 0.044994 0.431550 0.104 0.917

L22.Temp. prom aire 0.009317 0.058317 0.160 0.873

L23.Conduct -5.557188 11.597516 -0.479 0.632

L23.Water 20.820453 49.384987 0.422 0.673

L23.Temp -79.801849 51.763287 -1.542 0.123

L23.Precip. horaria 0.664138 0.435909 1.524 0.128

L23.Temp. prom aire 0.098858 0.059141 1.672 0.095

L24.Conduct -0.576303 3.209472 -0.180 0.857

L24.Water -4.656056 11.529031 -0.404 0.686

L24.Temp 15.340268 11.761192 1.304 0.192

L24.Precip. horaria 0.076395 0.429889 0.178 0.859

L24.Temp. prom aire -0.089905 0.055698 -1.614 0.106

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.766619 0.299345 0.038911 -0.050471

Water 0.766619 1.000000 0.009430 0.014144 0.000164

Temp 0.299345 0.009430 1.000000 0.012549 -0.029082

Precip. horaria 0.038911 0.014144 0.012549 1.000000 0.064492

Temp. prom aire -0.050471 0.000164 -0.029082 0.064492 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -22.5004

Nobs: 464.000 HQIC: -25.7735

Log likelihood: 3785.47 FPE: 8.14144e-13

AIC: -27.8983 Det(Omega\_mle): 2.55571e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.066591 0.019625 3.393 0.001

L1.Conduct 4.432967 0.093868 47.225 0.000

L1.Water -0.392463 0.288250 -1.362 0.173

L1.Temp -0.256083 0.081326 -3.149 0.002

L1.Precip. horaria 0.005982 0.006157 0.971 0.331

L1.Temp. prom aire 0.000025 0.000726 0.034 0.972

L2.Conduct -8.769311 0.415069 -21.127 0.000

L2.Water 2.003050 1.267792 1.580 0.114

L2.Temp 1.088502 0.293190 3.713 0.000

L2.Precip. horaria -0.001561 0.006176 -0.253 0.800

L2.Temp. prom aire 0.000488 0.000770 0.633 0.527

L3.Conduct 10.632072 0.863363 12.315 0.000

L3.Water -4.621106 2.640131 -1.750 0.080

L3.Temp -1.971142 0.486217 -4.054 0.000

L3.Precip. horaria -0.012292 0.006095 -2.017 0.044

L3.Temp. prom aire -0.000287 0.000773 -0.372 0.710

L4.Conduct -9.285336 1.203401 -7.716 0.000

L4.Water 6.337696 3.713173 1.707 0.088

L4.Temp 1.788651 0.566293 3.159 0.002

L4.Precip. horaria -0.004624 0.006259 -0.739 0.460

L4.Temp. prom aire 0.000321 0.000774 0.414 0.679

L5.Conduct 6.284083 1.362255 4.613 0.000

L5.Water -5.330601 4.238839 -1.258 0.209

L5.Temp -0.561089 0.594235 -0.944 0.345

L5.Precip. horaria -0.002184 0.006263 -0.349 0.727

L5.Temp. prom aire 0.001010 0.000774 1.304 0.192

L6.Conduct -2.724803 1.406824 -1.937 0.053

L6.Water 1.436237 4.371165 0.329 0.742

L6.Temp -0.343651 0.630380 -0.545 0.586

L6.Precip. horaria 0.002880 0.006187 0.465 0.642

L6.Temp. prom aire -0.001204 0.000776 -1.552 0.121

L7.Conduct -1.581907 1.410978 -1.121 0.262

L7.Water 3.602348 4.388188 0.821 0.412

L7.Temp 0.240845 0.809758 0.297 0.766

L7.Precip. horaria 0.005732 0.006148 0.932 0.351

L7.Temp. prom aire 0.001009 0.000779 1.295 0.195

L8.Conduct 6.448183 1.408141 4.579 0.000

L8.Water -7.319404 4.460636 -1.641 0.101

L8.Temp 0.098269 1.158548 0.085 0.932

L8.Precip. horaria -0.004113 0.006238 -0.659 0.510

L8.Temp. prom aire -0.000784 0.000782 -1.004 0.315

L9.Conduct -9.784915 1.417533 -6.903 0.000

L9.Water 8.770049 4.512435 1.944 0.052

L9.Temp -0.038364 1.488383 -0.026 0.979

L9.Precip. horaria -0.002893 0.006330 -0.457 0.648

L9.Temp. prom aire 0.000020 0.000774 0.025 0.980

L10.Conduct 10.087067 1.426179 7.073 0.000

L10.Water -8.078010 4.409233 -1.832 0.067

L10.Temp -0.119640 1.656522 -0.072 0.942

L10.Precip. horaria -0.000249 0.006467 -0.038 0.969

L10.Temp. prom aire -0.000256 0.000774 -0.330 0.741

L11.Conduct -7.917917 1.422186 -5.567 0.000

L11.Water 4.722036 4.275318 1.104 0.269

L11.Temp -0.137725 1.667801 -0.083 0.934

L11.Precip. horaria 0.001558 0.006448 0.242 0.809

L11.Temp. prom aire 0.001517 0.000774 1.960 0.050

L12.Conduct 4.385864 1.435435 3.055 0.002

L12.Water 1.399163 4.331421 0.323 0.747

L12.Temp 0.762109 1.627878 0.468 0.640

L12.Precip. horaria 0.010325 0.006485 1.592 0.111

L12.Temp. prom aire -0.001037 0.000775 -1.339 0.181

L13.Conduct -1.047690 1.439067 -0.728 0.467

L13.Water -8.677207 4.487355 -1.934 0.053

L13.Temp -0.876698 1.601180 -0.548 0.584

L13.Precip. horaria 0.006944 0.006578 1.056 0.291

L13.Temp. prom aire 0.002149 0.000781 2.751 0.006

L14.Conduct -1.172549 1.415313 -0.828 0.407

L14.Water 14.000103 4.645920 3.013 0.003

L14.Temp 0.053936 1.604411 0.034 0.973

L14.Precip. horaria 0.001512 0.006563 0.230 0.818

L14.Temp. prom aire 0.000220 0.000790 0.279 0.780

L15.Conduct 2.799851 1.356557 2.064 0.039

L15.Water -14.245057 4.739961 -3.005 0.003

L15.Temp 0.607220 1.608340 0.378 0.706

L15.Precip. horaria 0.007927 0.006521 1.216 0.224

L15.Temp. prom aire 0.000480 0.000784 0.612 0.541

L16.Conduct -4.046018 1.267890 -3.191 0.001

L16.Water 9.871484 4.574620 2.158 0.031

L16.Temp -0.183557 1.568973 -0.117 0.907

L16.Precip. horaria -0.007342 0.006371 -1.152 0.249

L16.Temp. prom aire 0.000171 0.000780 0.219 0.827

L17.Conduct 4.820635 1.200440 4.016 0.000

L17.Water -5.363291 4.159839 -1.289 0.197

L17.Temp -0.728640 1.541736 -0.473 0.636

L17.Precip. horaria 0.003185 0.006385 0.499 0.618

L17.Temp. prom aire 0.001621 0.000780 2.078 0.038

L18.Conduct -5.290587 1.151707 -4.594 0.000

L18.Water 3.648042 3.787904 0.963 0.336

L18.Temp 1.026582 1.538727 0.667 0.505

L18.Precip. horaria 0.010368 0.006460 1.605 0.109

L18.Temp. prom aire -0.001065 0.000790 -1.349 0.177

L19.Conduct 5.442390 1.093621 4.976 0.000

L19.Water -3.138022 3.582620 -0.876 0.381

L19.Temp -0.504606 1.523593 -0.331 0.740

L19.Precip. horaria -0.002385 0.006446 -0.370 0.711

L19.Temp. prom aire 0.001025 0.000786 1.303 0.193

L20.Conduct -5.154923 1.021431 -5.047 0.000

L20.Water 1.366581 3.382991 0.404 0.686

L20.Temp 0.080444 1.461013 0.055 0.956

L20.Precip. horaria -0.000671 0.006471 -0.104 0.917

L20.Temp. prom aire 0.000314 0.000784 0.401 0.689

L21.Conduct 4.049739 0.893107 4.534 0.000

L21.Water 0.997527 2.965097 0.336 0.737

L21.Temp -0.333800 1.287723 -0.259 0.795

L21.Precip. horaria 0.004688 0.006388 0.734 0.463

L21.Temp. prom aire -0.000132 0.000792 -0.166 0.868

L22.Conduct -2.201566 0.646665 -3.404 0.001

L22.Water -1.675149 2.130600 -0.786 0.432

L22.Temp 0.593500 0.942194 0.630 0.529

L22.Precip. horaria 0.000563 0.006474 0.087 0.931

L22.Temp. prom aire -0.000006 0.000805 -0.008 0.994

L23.Conduct 0.680415 0.315602 2.156 0.031

L23.Water 0.825750 1.025107 0.806 0.421

L23.Temp -0.366557 0.474701 -0.772 0.440

L23.Precip. horaria 0.010696 0.006457 1.656 0.098

L23.Temp. prom aire 0.000949 0.000813 1.167 0.243

L24.Conduct -0.086636 0.072098 -1.202 0.230

L24.Water -0.141275 0.230646 -0.613 0.540

L24.Temp 0.076318 0.114788 0.665 0.506

L24.Precip. horaria -0.005145 0.006312 -0.815 0.415

L24.Temp. prom aire -0.000112 0.000767 -0.146 0.884

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.018113 0.006369 2.844 0.004

L1.Conduct 0.023225 0.030462 0.762 0.446

L1.Water 4.229480 0.093542 45.215 0.000

L1.Temp -0.107523 0.026392 -4.074 0.000

L1.Precip. horaria 0.001673 0.001998 0.837 0.402

L1.Temp. prom aire -0.000035 0.000236 -0.147 0.883

L2.Conduct -0.155146 0.134697 -1.152 0.249

L2.Water -7.679824 0.411421 -18.667 0.000

L2.Temp 0.476288 0.095145 5.006 0.000

L2.Precip. horaria -0.000395 0.002004 -0.197 0.844

L2.Temp. prom aire 0.000252 0.000250 1.008 0.313

L3.Conduct 0.472679 0.280177 1.687 0.092

L3.Water 7.925880 0.856769 9.251 0.000

L3.Temp -0.921982 0.157786 -5.843 0.000

L3.Precip. horaria -0.003242 0.001978 -1.639 0.101

L3.Temp. prom aire -0.000218 0.000251 -0.870 0.384

L4.Conduct -0.874141 0.390525 -2.238 0.025

L4.Water -5.027751 1.204989 -4.172 0.000

L4.Temp 0.984093 0.183772 5.355 0.000

L4.Precip. horaria 0.000318 0.002031 0.156 0.876

L4.Temp. prom aire -0.000095 0.000251 -0.379 0.704

L5.Conduct 1.020728 0.442076 2.309 0.021

L5.Water 1.802436 1.375577 1.310 0.190

L5.Temp -0.583163 0.192840 -3.024 0.002

L5.Precip. horaria 0.000537 0.002033 0.264 0.792

L5.Temp. prom aire 0.000207 0.000251 0.823 0.410

L6.Conduct -0.633530 0.456539 -1.388 0.165

L6.Water -0.268990 1.418519 -0.190 0.850

L6.Temp 0.158777 0.204569 0.776 0.438

L6.Precip. horaria -0.000300 0.002008 -0.150 0.881

L6.Temp. prom aire -0.000162 0.000252 -0.645 0.519

L7.Conduct -0.118396 0.457887 -0.259 0.796

L7.Water -0.434020 1.424044 -0.305 0.761

L7.Temp -0.018037 0.262780 -0.069 0.945

L7.Precip. horaria 0.001937 0.001995 0.971 0.332

L7.Temp. prom aire 0.000066 0.000253 0.263 0.793

L8.Conduct 0.786901 0.456966 1.722 0.085

L8.Water 2.070194 1.447554 1.430 0.153

L8.Temp -0.026414 0.375969 -0.070 0.944

L8.Precip. horaria -0.005492 0.002024 -2.713 0.007

L8.Temp. prom aire -0.000198 0.000254 -0.780 0.435

L9.Conduct -1.175235 0.460014 -2.555 0.011

L9.Water -3.695653 1.464364 -2.524 0.012

L9.Temp 0.236016 0.483006 0.489 0.625

L9.Precip. horaria 0.002438 0.002054 1.187 0.235

L9.Temp. prom aire -0.000059 0.000251 -0.236 0.813

L10.Conduct 1.382532 0.462820 2.987 0.003

L10.Water 3.700518 1.430873 2.586 0.010

L10.Temp -0.514280 0.537570 -0.957 0.339

L10.Precip. horaria 0.000777 0.002099 0.370 0.711

L10.Temp. prom aire 0.000104 0.000251 0.413 0.679

L11.Conduct -1.314037 0.461524 -2.847 0.004

L11.Water -2.856086 1.387416 -2.059 0.040

L11.Temp 0.522039 0.541231 0.965 0.335

L11.Precip. horaria -0.002195 0.002093 -1.049 0.294

L11.Temp. prom aire 0.000432 0.000251 1.722 0.085

L12.Conduct 0.721923 0.465824 1.550 0.121

L12.Water 2.839741 1.405622 2.020 0.043

L12.Temp -0.133755 0.528275 -0.253 0.800

L12.Precip. horaria 0.002512 0.002104 1.194 0.233

L12.Temp. prom aire -0.000284 0.000251 -1.130 0.258

L13.Conduct 0.208962 0.467002 0.447 0.655

L13.Water -4.308434 1.456225 -2.959 0.003

L13.Temp -0.280919 0.519611 -0.541 0.589

L13.Precip. horaria 0.003075 0.002135 1.441 0.150

L13.Temp. prom aire 0.000407 0.000254 1.607 0.108

L14.Conduct -0.977917 0.459294 -2.129 0.033

L14.Water 5.825594 1.507682 3.864 0.000

L14.Temp 0.332548 0.520659 0.639 0.523

L14.Precip. horaria 0.001506 0.002130 0.707 0.479

L14.Temp. prom aire 0.000148 0.000256 0.576 0.564

L15.Conduct 1.276171 0.440226 2.899 0.004

L15.Water -5.042207 1.538200 -3.278 0.001

L15.Temp -0.205981 0.521934 -0.395 0.693

L15.Precip. horaria 0.002654 0.002116 1.254 0.210

L15.Temp. prom aire -0.000018 0.000255 -0.071 0.943

L16.Conduct -1.194917 0.411453 -2.904 0.004

L16.Water 2.219532 1.484544 1.495 0.135

L16.Temp 0.276660 0.509159 0.543 0.587

L16.Precip. horaria -0.003903 0.002067 -1.888 0.059

L16.Temp. prom aire 0.000008 0.000253 0.033 0.973

L17.Conduct 1.142328 0.389564 2.932 0.003

L17.Water 0.114054 1.349940 0.084 0.933

L17.Temp -0.477229 0.500320 -0.954 0.340

L17.Precip. horaria 0.004545 0.002072 2.194 0.028

L17.Temp. prom aire 0.000094 0.000253 0.372 0.710

L18.Conduct -1.266588 0.373749 -3.389 0.001

L18.Water -0.914062 1.229241 -0.744 0.457

L18.Temp 0.446200 0.499344 0.894 0.372

L18.Precip. horaria 0.001464 0.002096 0.698 0.485

L18.Temp. prom aire -0.000273 0.000256 -1.064 0.287

L19.Conduct 1.275710 0.354899 3.595 0.000

L19.Water 1.362934 1.162623 1.172 0.241

L19.Temp -0.122751 0.494433 -0.248 0.804

L19.Precip. horaria -0.003253 0.002092 -1.555 0.120

L19.Temp. prom aire 0.000195 0.000255 0.763 0.445

L20.Conduct -0.967499 0.331472 -2.919 0.004

L20.Water -2.405778 1.097840 -2.191 0.028

L20.Temp -0.117620 0.474124 -0.248 0.804

L20.Precip. horaria 0.001769 0.002100 0.842 0.400

L20.Temp. prom aire 0.000051 0.000254 0.202 0.840

L21.Conduct 0.462365 0.289829 1.595 0.111

L21.Water 3.143357 0.962226 3.267 0.001

L21.Temp 0.045348 0.417889 0.109 0.914

L21.Precip. horaria 0.002080 0.002073 1.003 0.316

L21.Temp. prom aire 0.000007 0.000257 0.025 0.980

L22.Conduct -0.062721 0.209854 -0.299 0.765

L22.Water -2.459678 0.691417 -3.557 0.000

L22.Temp 0.099250 0.305758 0.325 0.745

L22.Precip. horaria -0.000675 0.002101 -0.321 0.748

L22.Temp. prom aire 0.000361 0.000261 1.382 0.167

L23.Conduct -0.056628 0.102418 -0.553 0.580

L23.Water 1.052866 0.332665 3.165 0.002

L23.Temp -0.091181 0.154049 -0.592 0.554

L23.Precip. horaria 0.002332 0.002095 1.113 0.266

L23.Temp. prom aire -0.000125 0.000264 -0.475 0.635

L24.Conduct 0.023148 0.023397 0.989 0.322

L24.Water -0.194733 0.074849 -2.602 0.009

L24.Temp 0.022730 0.037251 0.610 0.542

L24.Precip. horaria 0.000584 0.002049 0.285 0.776

L24.Temp. prom aire -0.000002 0.000249 -0.007 0.995

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000131 0.012966 -0.010 0.992

L1.Conduct -0.091906 0.062016 -1.482 0.138

L1.Water 0.384756 0.190438 2.020 0.043

L1.Temp 3.453682 0.053730 64.279 0.000

L1.Precip. horaria -0.001903 0.004068 -0.468 0.640

L1.Temp. prom aire 0.001134 0.000480 2.362 0.018

L2.Conduct 0.504203 0.274224 1.839 0.066

L2.Water -2.183679 0.837594 -2.607 0.009

L2.Temp -4.702712 0.193702 -24.278 0.000

L2.Precip. horaria 0.002078 0.004080 0.509 0.611

L2.Temp. prom aire 0.000631 0.000509 1.241 0.215

L3.Conduct -1.319433 0.570399 -2.313 0.021

L3.Water 5.741704 1.744259 3.292 0.001

L3.Temp 3.148547 0.321230 9.802 0.000

L3.Precip. horaria 0.005284 0.004027 1.312 0.189

L3.Temp. prom aire -0.001079 0.000511 -2.113 0.035

L4.Conduct 2.151404 0.795053 2.706 0.007

L4.Water -9.451128 2.453187 -3.853 0.000

L4.Temp -0.922948 0.374134 -2.467 0.014

L4.Precip. horaria 0.001707 0.004135 0.413 0.680

L4.Temp. prom aire -0.000194 0.000512 -0.379 0.705

L5.Conduct -2.239479 0.900003 -2.488 0.013

L5.Water 10.682813 2.800479 3.815 0.000

L5.Temp -0.181429 0.392594 -0.462 0.644

L5.Precip. horaria -0.000777 0.004138 -0.188 0.851

L5.Temp. prom aire -0.000340 0.000512 -0.664 0.507

L6.Conduct 1.222264 0.929448 1.315 0.188

L6.Water -8.146416 2.887904 -2.821 0.005

L6.Temp 0.486671 0.416474 1.169 0.243

L6.Precip. horaria -0.007087 0.004088 -1.734 0.083

L6.Temp. prom aire -0.000134 0.000513 -0.261 0.794

L7.Conduct 0.251265 0.932192 0.270 0.788

L7.Water 3.276809 2.899150 1.130 0.258

L7.Temp -1.532319 0.534984 -2.864 0.004

L7.Precip. horaria 0.009154 0.004062 2.254 0.024

L7.Temp. prom aire 0.000335 0.000514 0.652 0.514

L8.Conduct -1.494606 0.930318 -1.607 0.108

L8.Water 2.225241 2.947015 0.755 0.450

L8.Temp 3.563585 0.765420 4.656 0.000

L8.Precip. horaria -0.004590 0.004121 -1.114 0.265

L8.Temp. prom aire -0.000233 0.000516 -0.451 0.652

L9.Conduct 2.698653 0.936524 2.882 0.004

L9.Water -8.597563 2.981237 -2.884 0.004

L9.Temp -4.216854 0.983332 -4.288 0.000

L9.Precip. horaria 0.006554 0.004182 1.567 0.117

L9.Temp. prom aire 0.000004 0.000511 0.008 0.994

L10.Conduct -3.901500 0.942236 -4.141 0.000

L10.Water 15.134260 2.913054 5.195 0.000

L10.Temp 2.867898 1.094417 2.620 0.009

L10.Precip. horaria -0.005597 0.004272 -1.310 0.190

L10.Temp. prom aire -0.000196 0.000512 -0.383 0.702

L11.Conduct 4.383027 0.939598 4.665 0.000

L11.Water -18.833900 2.824580 -6.668 0.000

L11.Temp -1.395574 1.101868 -1.267 0.205

L11.Precip. horaria 0.005786 0.004260 1.358 0.174

L11.Temp. prom aire 0.000187 0.000511 0.366 0.714

L12.Conduct -3.618151 0.948350 -3.815 0.000

L12.Water 17.607625 2.861646 6.153 0.000

L12.Temp 0.856878 1.075492 0.797 0.426

L12.Precip. horaria -0.005637 0.004284 -1.316 0.188

L12.Temp. prom aire -0.001423 0.000512 -2.781 0.005

L13.Conduct 2.077107 0.950751 2.185 0.029

L13.Water -12.629465 2.964667 -4.260 0.000

L13.Temp -1.418143 1.057854 -1.341 0.180

L13.Precip. horaria 0.008256 0.004346 1.900 0.057

L13.Temp. prom aire 0.000831 0.000516 1.609 0.108

L14.Conduct -1.007935 0.935057 -1.078 0.281

L14.Water 7.782185 3.069426 2.535 0.011

L14.Temp 1.903222 1.059988 1.796 0.073

L14.Precip. horaria 0.000368 0.004336 0.085 0.932

L14.Temp. prom aire 0.000170 0.000522 0.326 0.745

L15.Conduct 1.035533 0.896238 1.155 0.248

L15.Water -5.781137 3.131556 -1.846 0.065

L15.Temp -0.952047 1.062584 -0.896 0.370

L15.Precip. horaria 0.007910 0.004308 1.836 0.066

L15.Temp. prom aire -0.000411 0.000518 -0.794 0.427

L16.Conduct -1.530471 0.837659 -1.827 0.068

L16.Water 5.717449 3.022320 1.892 0.059

L16.Temp -0.093382 1.036575 -0.090 0.928

L16.Precip. horaria -0.001238 0.004209 -0.294 0.769

L16.Temp. prom aire -0.000525 0.000516 -1.018 0.309

L17.Conduct 1.720437 0.793096 2.169 0.030

L17.Water -5.599649 2.748286 -2.038 0.042

L17.Temp -0.090604 1.018581 -0.089 0.929

L17.Precip. horaria 0.000993 0.004218 0.235 0.814

L17.Temp. prom aire -0.000331 0.000516 -0.641 0.521

L18.Conduct -1.334598 0.760900 -1.754 0.079

L18.Water 4.108980 2.502560 1.642 0.101

L18.Temp 0.513828 1.016593 0.505 0.613

L18.Precip. horaria -0.004674 0.004268 -1.095 0.273

L18.Temp. prom aire -0.000586 0.000522 -1.123 0.261

L19.Conduct 0.679391 0.722524 0.940 0.347

L19.Water -1.515878 2.366934 -0.640 0.522

L19.Temp -0.029677 1.006594 -0.029 0.976

L19.Precip. horaria 0.006854 0.004259 1.609 0.108

L19.Temp. prom aire 0.000263 0.000519 0.505 0.613

L20.Conduct -0.316809 0.674830 -0.469 0.639

L20.Water -0.284785 2.235045 -0.127 0.899

L20.Temp -1.197552 0.965249 -1.241 0.215

L20.Precip. horaria -0.010837 0.004275 -2.535 0.011

L20.Temp. prom aire 0.001340 0.000518 2.587 0.010

L21.Conduct 0.201913 0.590050 0.342 0.732

L21.Water 0.746848 1.958955 0.381 0.703

L21.Temp 1.759746 0.850762 2.068 0.039

L21.Precip. horaria -0.006001 0.004220 -1.422 0.155

L21.Temp. prom aire -0.000423 0.000523 -0.808 0.419

L22.Conduct -0.044333 0.427233 -0.104 0.917

L22.Water -0.681777 1.407627 -0.484 0.628

L22.Temp -1.044604 0.622481 -1.678 0.093

L22.Precip. horaria 0.004016 0.004277 0.939 0.348

L22.Temp. prom aire -0.000336 0.000532 -0.633 0.527

L23.Conduct -0.049159 0.208509 -0.236 0.814

L23.Water 0.386903 0.677259 0.571 0.568

L23.Temp 0.224793 0.313622 0.717 0.474

L23.Precip. horaria -0.007546 0.004266 -1.769 0.077

L23.Temp. prom aire -0.000901 0.000537 -1.678 0.093

L24.Conduct 0.023420 0.047633 0.492 0.623

L24.Water -0.090217 0.152381 -0.592 0.554

L24.Temp 0.000084 0.075837 0.001 0.999

L24.Precip. horaria 0.001890 0.004170 0.453 0.650

L24.Temp. prom aire 0.000125 0.000507 0.247 0.805

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.344904 0.170157 -2.027 0.043

L1.Conduct 2.116164 0.813871 2.600 0.009

L1.Water -10.993428 2.499227 -4.399 0.000

L1.Temp -0.258960 0.705124 -0.367 0.713

L1.Precip. horaria 0.072422 0.053387 1.357 0.175

L1.Temp. prom aire 0.004700 0.006298 0.746 0.456

L2.Conduct -10.078679 3.598795 -2.801 0.005

L2.Water 48.277213 10.992202 4.392 0.000

L2.Temp 0.152897 2.542057 0.060 0.952

L2.Precip. horaria -0.028502 0.053550 -0.532 0.595

L2.Temp. prom aire -0.001125 0.006679 -0.168 0.866

L3.Conduct 22.797839 7.485661 3.046 0.002

L3.Water -102.428178 22.890854 -4.475 0.000

L3.Temp 2.561501 4.215674 0.608 0.543

L3.Precip. horaria 0.223868 0.052847 4.236 0.000

L3.Temp. prom aire -0.004247 0.006702 -0.634 0.526

L4.Conduct -31.269061 10.433906 -2.997 0.003

L4.Water 139.497774 32.194497 4.333 0.000

L4.Temp -6.938249 4.909960 -1.413 0.158

L4.Precip. horaria -0.111043 0.054268 -2.046 0.041

L4.Temp. prom aire -0.007755 0.006715 -1.155 0.248

L5.Conduct 27.451208 11.811228 2.324 0.020

L5.Water -122.288952 36.752205 -3.327 0.001

L5.Temp 8.059050 5.152223 1.564 0.118

L5.Precip. horaria 0.117508 0.054306 2.164 0.030

L5.Temp. prom aire -0.000497 0.006713 -0.074 0.941

L6.Conduct -16.327398 12.197650 -1.339 0.181

L6.Water 59.562275 37.899522 1.572 0.116

L6.Temp -4.746857 5.465612 -0.868 0.385

L6.Precip. horaria -0.168587 0.053647 -3.143 0.002

L6.Temp. prom aire -0.000256 0.006727 -0.038 0.970

L7.Conduct 11.290550 12.233666 0.923 0.356

L7.Water -16.150702 38.047116 -0.424 0.671

L7.Temp -1.837683 7.020879 -0.262 0.794

L7.Precip. horaria 0.080117 0.053302 1.503 0.133

L7.Temp. prom aire 0.002634 0.006751 0.390 0.696

L8.Conduct -17.138827 12.209073 -1.404 0.160

L8.Water 20.490826 38.675268 0.530 0.596

L8.Temp 12.358859 10.045018 1.230 0.219

L8.Precip. horaria 0.030060 0.054086 0.556 0.578

L8.Temp. prom aire 0.001245 0.006776 0.184 0.854

L9.Conduct 23.372095 12.290505 1.902 0.057

L9.Water -33.885938 39.124383 -0.866 0.386

L9.Temp -22.410885 12.904800 -1.737 0.082

L9.Precip. horaria 0.174038 0.054886 3.171 0.002

L9.Temp. prom aire 0.009237 0.006708 1.377 0.169

L10.Conduct -18.848976 12.365467 -1.524 0.127

L10.Water 24.760402 38.229579 0.648 0.517

L10.Temp 25.584815 14.362622 1.781 0.075

L10.Precip. horaria -0.067934 0.056070 -1.212 0.226

L10.Temp. prom aire -0.006995 0.006714 -1.042 0.297

L11.Conduct 7.281549 12.330850 0.591 0.555

L11.Water -2.275034 37.068498 -0.061 0.951

L11.Temp -23.024265 14.460413 -1.592 0.111

L11.Precip. horaria -0.103310 0.055908 -1.848 0.065

L11.Temp. prom aire -0.008207 0.006710 -1.223 0.221

L12.Conduct 1.742107 12.445717 0.140 0.889

L12.Water -9.610810 37.554927 -0.256 0.798

L12.Temp 18.478247 14.114265 1.309 0.190

L12.Precip. horaria -0.139168 0.056224 -2.475 0.013

L12.Temp. prom aire 0.000772 0.006717 0.115 0.909

L13.Conduct -7.542215 12.477214 -0.604 0.546

L13.Water 9.857972 38.906924 0.253 0.800

L13.Temp -12.322890 13.882784 -0.888 0.375

L13.Precip. horaria 0.110952 0.057037 1.945 0.052

L13.Temp. prom aire 0.002336 0.006774 0.345 0.730

L14.Conduct 15.268753 12.271259 1.244 0.213

L14.Water -22.763105 40.281740 -0.565 0.572

L14.Temp 1.303094 13.910802 0.094 0.925

L14.Precip. horaria 0.017855 0.056907 0.314 0.754

L14.Temp. prom aire 0.008446 0.006850 1.233 0.218

L15.Conduct -24.246590 11.761820 -2.061 0.039

L15.Water 51.560899 41.097109 1.255 0.210

L15.Temp 14.573071 13.944863 1.045 0.296

L15.Precip. horaria 0.019206 0.056538 0.340 0.734

L15.Temp. prom aire 0.002474 0.006802 0.364 0.716

L16.Conduct 26.306416 10.993050 2.393 0.017

L16.Water -68.878434 39.663544 -1.737 0.082

L16.Temp -25.052061 13.603539 -1.842 0.066

L16.Precip. horaria -0.088129 0.055235 -1.596 0.111

L16.Temp. prom aire -0.003520 0.006765 -0.520 0.603

L17.Conduct -18.276127 10.408232 -1.756 0.079

L17.Water 55.993490 36.067247 1.552 0.121

L17.Temp 23.544511 13.367385 1.761 0.078

L17.Precip. horaria -0.087258 0.055361 -1.576 0.115

L17.Temp. prom aire 0.003727 0.006766 0.551 0.582

L18.Conduct 7.584213 9.985697 0.760 0.448

L18.Water -21.971439 32.842447 -0.669 0.503

L18.Temp -17.112949 13.341302 -1.283 0.200

L18.Precip. horaria 0.024925 0.056014 0.445 0.656

L18.Temp. prom aire 0.001770 0.006849 0.258 0.796

L19.Conduct -1.774755 9.482071 -0.187 0.852

L19.Water -6.017637 31.062558 -0.194 0.846

L19.Temp 11.731522 13.210084 0.888 0.375

L19.Precip. horaria 0.040785 0.055889 0.730 0.466

L19.Temp. prom aire -0.000391 0.006818 -0.057 0.954

L20.Conduct 2.121916 8.856165 0.240 0.811

L20.Water 11.160816 29.331705 0.381 0.704

L20.Temp -5.902782 12.667490 -0.466 0.641

L20.Precip. horaria 0.041115 0.056104 0.733 0.464

L20.Temp. prom aire 0.002574 0.006795 0.379 0.705

L21.Conduct -5.296713 7.743547 -0.684 0.494

L21.Water -1.914620 25.708426 -0.074 0.941

L21.Temp -0.368239 11.165010 -0.033 0.974

L21.Precip. horaria -0.025442 0.055386 -0.459 0.646

L21.Temp. prom aire 0.023146 0.006867 3.371 0.001

L22.Conduct 6.292864 5.606813 1.122 0.262

L22.Water -6.140309 18.473045 -0.332 0.740

L22.Temp 3.733926 8.169152 0.457 0.648

L22.Precip. horaria -0.057377 0.056136 -1.022 0.307

L22.Temp. prom aire -0.020423 0.006976 -2.928 0.003

L23.Conduct -3.776454 2.736380 -1.380 0.168

L23.Water 6.100025 8.888034 0.686 0.493

L23.Temp -2.961909 4.115826 -0.720 0.472

L23.Precip. horaria -0.048002 0.055986 -0.857 0.391

L23.Temp. prom aire -0.001705 0.007051 -0.242 0.809

L24.Conduct 0.952237 0.625116 1.523 0.128

L24.Water -1.933808 1.999784 -0.967 0.334

L24.Temp 0.855926 0.995252 0.860 0.390

L24.Precip. horaria 0.017196 0.054731 0.314 0.753

L24.Temp. prom aire 0.006231 0.006650 0.937 0.349

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -0.020519 1.431571 -0.014 0.989

L1.Conduct 9.264585 6.847282 1.353 0.176

L1.Water -22.670163 21.026575 -1.078 0.281

L1.Temp 4.045723 5.932370 0.682 0.495

L1.Precip. horaria -0.134221 0.449160 -0.299 0.765

L1.Temp. prom aire 0.345497 0.052990 6.520 0.000

L2.Conduct -38.131132 30.277489 -1.259 0.208

L2.Water 83.529057 92.479929 0.903 0.366

L2.Temp -17.645377 21.386916 -0.825 0.409

L2.Precip. horaria -0.695046 0.450529 -1.543 0.123

L2.Temp. prom aire 0.068301 0.056195 1.215 0.224

L3.Conduct 67.552958 62.978592 1.073 0.283

L3.Water -114.937677 192.586034 -0.597 0.551

L3.Temp 37.992502 35.467435 1.071 0.284

L3.Precip. horaria -0.153573 0.444613 -0.345 0.730

L3.Temp. prom aire 0.072031 0.056383 1.278 0.201

L4.Conduct -75.259320 87.782858 -0.857 0.391

L4.Water 74.220563 270.859735 0.274 0.784

L4.Temp -23.960254 41.308626 -0.580 0.562

L4.Precip. horaria 0.351145 0.456571 0.769 0.442

L4.Temp. prom aire 0.010852 0.056493 0.192 0.848

L5.Conduct 79.267622 99.370584 0.798 0.425

L5.Water -48.029305 309.204783 -0.155 0.877

L5.Temp -22.282600 43.346840 -0.514 0.607

L5.Precip. horaria -0.050807 0.456890 -0.111 0.911

L5.Temp. prom aire -0.039072 0.056478 -0.692 0.489

L6.Conduct -92.407501 102.621645 -0.900 0.368

L6.Water 86.831474 318.857420 0.272 0.785

L6.Temp 18.334245 45.983459 0.399 0.690

L6.Precip. horaria 0.186043 0.451345 0.412 0.680

L6.Temp. prom aire -0.043719 0.056597 -0.772 0.440

L7.Conduct 88.473452 102.924656 0.860 0.390

L7.Water -122.200081 320.099166 -0.382 0.703

L7.Temp 26.340309 59.068279 0.446 0.656

L7.Precip. horaria -0.056291 0.448441 -0.126 0.900

L7.Temp. prom aire 0.148374 0.056801 2.612 0.009

L8.Conduct -47.034583 102.717746 -0.458 0.647

L8.Water 96.407581 325.383955 0.296 0.767

L8.Temp -26.233046 84.511052 -0.310 0.756

L8.Precip. horaria -0.611205 0.455038 -1.343 0.179

L8.Temp. prom aire -0.023185 0.057009 -0.407 0.684

L9.Conduct -25.050728 103.402858 -0.242 0.809

L9.Water -11.363581 329.162462 -0.035 0.972

L9.Temp -8.893045 108.571063 -0.082 0.935

L9.Precip. horaria 0.365425 0.461770 0.791 0.429

L9.Temp. prom aire -0.078170 0.056438 -1.385 0.166

L10.Conduct 91.427342 104.033523 0.879 0.379

L10.Water -68.107456 321.634273 -0.212 0.832

L10.Temp 22.726184 120.836051 0.188 0.851

L10.Precip. horaria 0.505295 0.471731 1.071 0.284

L10.Temp. prom aire -0.056897 0.056485 -1.007 0.314

L11.Conduct -113.762185 103.742285 -1.097 0.273

L11.Water 65.795891 311.865823 0.211 0.833

L11.Temp -19.288997 121.658793 -0.159 0.874

L11.Precip. horaria 0.870592 0.470364 1.851 0.064

L11.Temp. prom aire -0.031472 0.056452 -0.558 0.577

L12.Conduct 100.534823 104.708686 0.960 0.337

L12.Water -25.666332 315.958265 -0.081 0.935

L12.Temp 34.755233 118.746566 0.293 0.770

L12.Precip. horaria -0.676473 0.473022 -1.430 0.153

L12.Temp. prom aire -0.012504 0.056510 -0.221 0.825

L13.Conduct -73.488280 104.973678 -0.700 0.484

L13.Water 23.409869 327.332929 0.072 0.943

L13.Temp -64.300185 116.799068 -0.551 0.582

L13.Precip. horaria -0.490807 0.479868 -1.023 0.306

L13.Temp. prom aire 0.025238 0.056988 0.443 0.658

L14.Conduct 29.525614 103.240931 0.286 0.775

L14.Water -9.611517 338.899571 -0.028 0.977

L14.Temp 72.859066 117.034791 0.623 0.534

L14.Precip. horaria -0.834560 0.478772 -1.743 0.081

L14.Temp. prom aire 0.079455 0.057632 1.379 0.168

L15.Conduct 49.244239 98.954903 0.498 0.619

L15.Water -135.318774 345.759460 -0.391 0.696

L15.Temp -77.136969 117.321348 -0.657 0.511

L15.Precip. horaria 0.340979 0.475664 0.717 0.473

L15.Temp. prom aire -0.009469 0.057224 -0.165 0.869

L16.Conduct -159.234728 92.487068 -1.722 0.085

L16.Water 405.673166 333.698544 1.216 0.224

L16.Temp 94.523575 114.449716 0.826 0.409

L16.Precip. horaria -0.553314 0.464707 -1.191 0.234

L16.Temp. prom aire -0.079347 0.056919 -1.394 0.163

L17.Conduct 236.892666 87.566857 2.705 0.007

L17.Water -584.886187 303.442073 -1.928 0.054

L17.Temp -80.473820 112.462892 -0.716 0.474

L17.Precip. horaria 1.367749 0.465763 2.937 0.003

L17.Temp. prom aire 0.098588 0.056925 1.732 0.083

L18.Conduct -237.977752 84.011972 -2.833 0.005

L18.Water 572.182026 276.311089 2.071 0.038

L18.Temp 31.481711 112.243450 0.280 0.779

L18.Precip. horaria 0.078216 0.471255 0.166 0.868

L18.Temp. prom aire -0.024136 0.057624 -0.419 0.675

L19.Conduct 206.103424 79.774848 2.584 0.010

L19.Water -532.564107 261.336470 -2.038 0.042

L19.Temp -0.200432 111.139482 -0.002 0.999

L19.Precip. horaria 0.085702 0.470211 0.182 0.855

L19.Temp. prom aire 0.004628 0.057359 0.081 0.936

L20.Conduct -193.210761 74.508961 -2.593 0.010

L20.Water 548.869029 246.774404 2.224 0.026

L20.Temp -4.181660 106.574520 -0.039 0.969

L20.Precip. horaria -0.254282 0.472012 -0.539 0.590

L20.Temp. prom aire -0.104057 0.057170 -1.820 0.069

L21.Conduct 190.809576 65.148244 2.929 0.003

L21.Water -524.312915 216.290920 -2.424 0.015

L21.Temp 13.129315 93.933806 0.140 0.889

L21.Precip. horaria 0.571039 0.465974 1.225 0.220

L21.Temp. prom aire 0.092311 0.057776 1.598 0.110

L22.Conduct -152.775032 47.171413 -3.239 0.001

L22.Water 379.596617 155.417993 2.442 0.015

L22.Temp -28.324201 68.728960 -0.412 0.680

L22.Precip. horaria 0.134266 0.472282 0.284 0.776

L22.Temp. prom aire 0.013421 0.058690 0.229 0.819

L23.Conduct 76.008025 23.021799 3.302 0.001

L23.Water -172.519735 74.777082 -2.307 0.021

L23.Temp 24.435632 34.627392 0.706 0.480

L23.Precip. horaria 0.250257 0.471026 0.531 0.595

L23.Temp. prom aire 0.089973 0.059324 1.517 0.129

L24.Conduct -16.755868 5.259247 -3.186 0.001

L24.Water 35.723322 16.824648 2.123 0.034

L24.Temp -7.375690 8.373288 -0.881 0.378

L24.Precip. horaria -0.320233 0.460466 -0.695 0.487

L24.Temp. prom aire -0.130297 0.055945 -2.329 0.020

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.825520 0.034320 -0.049145 -0.017739

Water 0.825520 1.000000 0.024896 -0.077937 0.020823

Temp 0.034320 0.024896 1.000000 -0.016050 -0.034822

Precip. horaria -0.049145 -0.077937 -0.016050 1.000000 0.075991

Temp. prom aire -0.017739 0.020823 -0.034822 0.075991 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -19.4609

Nobs: 464.000 HQIC: -22.7340

Log likelihood: 3080.31 FPE: 1.70106e-11

AIC: -24.8588 Det(Omega\_mle): 5.33987e-12

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.203238 0.086153 2.359 0.018

L1.Conduct 4.068245 0.074457 54.639 0.000

L1.Water 0.130518 0.750420 0.174 0.862

L1.Temp 2.336713 0.335254 6.970 0.000

L1.Precip. horaria 0.028640 0.021442 1.336 0.182

L1.Temp. prom aire -0.003552 0.002542 -1.397 0.162

L2.Conduct -7.163158 0.328224 -21.824 0.000

L2.Water -1.811022 3.496433 -0.518 0.604

L2.Temp -9.996665 1.304401 -7.664 0.000

L2.Precip. horaria -0.011402 0.020920 -0.545 0.586

L2.Temp. prom aire 0.001380 0.002713 0.509 0.611

L3.Conduct 7.403643 0.695635 10.643 0.000

L3.Water 7.226270 7.786273 0.928 0.353

L3.Temp 18.589136 2.404745 7.730 0.000

L3.Precip. horaria 0.002699 0.020918 0.129 0.897

L3.Temp. prom aire -0.007077 0.002712 -2.609 0.009

L4.Conduct -5.168346 1.010290 -5.116 0.000

L4.Water -15.875548 11.667630 -1.361 0.174

L4.Temp -20.930827 3.100212 -6.751 0.000

L4.Precip. horaria -0.043861 0.021332 -2.056 0.040

L4.Temp. prom aire 0.004974 0.002749 1.809 0.070

L5.Conduct 2.652783 1.207302 2.197 0.028

L5.Water 22.960578 14.053850 1.634 0.102

L5.Temp 17.780491 3.445195 5.161 0.000

L5.Precip. horaria -0.019210 0.021842 -0.879 0.379

L5.Temp. prom aire 0.003863 0.002739 1.410 0.158

L6.Conduct -1.150142 1.295997 -0.887 0.375

L6.Water -21.988207 15.124643 -1.454 0.146

L6.Temp -13.468028 3.650836 -3.689 0.000

L6.Precip. horaria -0.006506 0.021761 -0.299 0.765

L6.Temp. prom aire -0.001915 0.002745 -0.698 0.485

L7.Conduct -0.138342 1.275472 -0.108 0.914

L7.Water 10.380011 15.232731 0.681 0.496

L7.Temp 9.144510 3.956604 2.311 0.021

L7.Precip. horaria 0.024891 0.022148 1.124 0.261

L7.Temp. prom aire 0.001118 0.002750 0.407 0.684

L8.Conduct 2.302380 1.152258 1.998 0.046

L8.Water 7.316182 14.687984 0.498 0.618

L8.Temp -3.082789 4.503586 -0.685 0.494

L8.Precip. horaria -0.014132 0.022086 -0.640 0.522

L8.Temp. prom aire -0.000800 0.002762 -0.290 0.772

L9.Conduct -3.981804 1.031836 -3.859 0.000

L9.Water -24.218738 14.452774 -1.676 0.094

L9.Temp -6.170106 5.141356 -1.200 0.230

L9.Precip. horaria -0.005928 0.022350 -0.265 0.791

L9.Temp. prom aire -0.001872 0.002760 -0.678 0.498

L10.Conduct 3.679922 1.096746 3.355 0.001

L10.Water 37.354245 15.386969 2.428 0.015

L10.Temp 15.106424 5.565269 2.714 0.007

L10.Precip. horaria -0.039521 0.022657 -1.744 0.081

L10.Temp. prom aire -0.002689 0.002757 -0.975 0.329

L11.Conduct -2.060987 1.279650 -1.611 0.107

L11.Water -45.829503 16.933579 -2.706 0.007

L11.Temp -18.820551 5.662096 -3.324 0.001

L11.Precip. horaria -0.018903 0.022692 -0.833 0.405

L11.Temp. prom aire 0.001816 0.002737 0.664 0.507

L12.Conduct 0.641602 1.407614 0.456 0.649

L12.Water 46.830317 18.138599 2.582 0.010

L12.Temp 16.252496 5.640565 2.881 0.004

L12.Precip. horaria -0.002240 0.022545 -0.099 0.921

L12.Temp. prom aire -0.003826 0.002732 -1.400 0.161

L13.Conduct -0.770817 1.412274 -0.546 0.585

L13.Water -36.411809 18.402914 -1.979 0.048

L13.Temp -9.004805 5.652360 -1.593 0.111

L13.Precip. horaria 0.020879 0.022612 0.923 0.356

L13.Temp. prom aire 0.002452 0.002719 0.902 0.367

L14.Conduct 1.932922 1.272732 1.519 0.129

L14.Water 14.989320 17.359117 0.863 0.388

L14.Temp 2.597287 5.681219 0.457 0.648

L14.Precip. horaria 0.018481 0.022567 0.819 0.413

L14.Temp. prom aire 0.001715 0.002740 0.626 0.531

L15.Conduct -2.102509 0.989010 -2.126 0.034

L15.Water 8.406201 15.218036 0.552 0.581

L15.Temp -1.628291 5.572997 -0.292 0.770

L15.Precip. horaria 0.002206 0.022550 0.098 0.922

L15.Temp. prom aire -0.003322 0.002741 -1.212 0.226

L16.Conduct 1.078030 0.612400 1.760 0.078

L16.Water -22.106112 13.023914 -1.697 0.090

L16.Temp 2.186404 5.208022 0.420 0.675

L16.Precip. horaria 0.028762 0.021925 1.312 0.190

L16.Temp. prom aire 0.001774 0.002743 0.647 0.518

L17.Conduct -0.170375 0.302235 -0.564 0.573

L17.Water 23.072116 11.851299 1.947 0.052

L17.Temp -0.117676 4.938983 -0.024 0.981

L17.Precip. horaria 0.037320 0.022258 1.677 0.094

L17.Temp. prom aire 0.006265 0.002742 2.285 0.022

L18.Conduct 0.026477 0.223106 0.119 0.906

L18.Water -19.839843 11.552815 -1.717 0.086

L18.Temp -2.408769 4.881962 -0.493 0.622

L18.Precip. horaria 0.062086 0.022410 2.770 0.006

L18.Temp. prom aire 0.001394 0.002745 0.508 0.611

L19.Conduct -0.260482 0.225394 -1.156 0.248

L19.Water 21.064513 11.388274 1.850 0.064

L19.Temp 2.688605 4.836504 0.556 0.578

L19.Precip. horaria 0.039741 0.022479 1.768 0.077

L19.Temp. prom aire 0.001500 0.002743 0.547 0.584

L20.Conduct 0.127738 0.216789 0.589 0.556

L20.Water -24.454684 10.693703 -2.287 0.022

L20.Temp -1.004724 4.691561 -0.214 0.830

L20.Precip. horaria -0.003550 0.022878 -0.155 0.877

L20.Temp. prom aire 0.003537 0.002734 1.294 0.196

L21.Conduct 0.159185 0.199935 0.796 0.426

L21.Water 22.741880 8.882594 2.560 0.010

L21.Temp -0.065262 4.257704 -0.015 0.988

L21.Precip. horaria -0.017682 0.022346 -0.791 0.429

L21.Temp. prom aire -0.006798 0.002746 -2.476 0.013

L22.Conduct -0.076903 0.183528 -0.419 0.675

L22.Water -14.818089 5.837841 -2.538 0.011

L22.Temp -0.642609 3.236812 -0.199 0.843

L22.Precip. horaria 0.046862 0.022706 2.064 0.039

L22.Temp. prom aire 0.002003 0.002816 0.711 0.477

L23.Conduct -0.057050 0.123873 -0.461 0.645

L23.Water 6.004652 2.550858 2.354 0.019

L23.Temp 1.053413 1.678347 0.628 0.530

L23.Precip. horaria -0.006280 0.022383 -0.281 0.779

L23.Temp. prom aire 0.000681 0.002850 0.239 0.811

L24.Conduct 0.027262 0.036764 0.742 0.458

L24.Water -1.125771 0.530599 -2.122 0.034

L24.Temp -0.399419 0.411203 -0.971 0.331

L24.Precip. horaria 0.035547 0.022361 1.590 0.112

L24.Temp. prom aire -0.001480 0.002626 -0.564 0.573

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.011002 0.007556 1.456 0.145

L1.Conduct -0.017122 0.006530 -2.622 0.009

L1.Water 4.578388 0.065815 69.565 0.000

L1.Temp 0.133003 0.029403 4.523 0.000

L1.Precip. horaria 0.001948 0.001881 1.036 0.300

L1.Temp. prom aire -0.000399 0.000223 -1.789 0.074

L2.Conduct 0.085451 0.028787 2.968 0.003

L2.Water -9.474035 0.306651 -30.895 0.000

L2.Temp -0.595911 0.114401 -5.209 0.000

L2.Precip. horaria -0.001647 0.001835 -0.897 0.369

L2.Temp. prom aire 0.000121 0.000238 0.507 0.612

L3.Conduct -0.204371 0.061010 -3.350 0.001

L3.Water 12.202177 0.682888 17.868 0.000

L3.Temp 1.134785 0.210906 5.381 0.000

L3.Precip. horaria -0.005563 0.001835 -3.032 0.002

L3.Temp. prom aire -0.000296 0.000238 -1.245 0.213

L4.Conduct 0.318624 0.088607 3.596 0.000

L4.Water -11.532961 1.023299 -11.270 0.000

L4.Temp -1.249336 0.271901 -4.595 0.000

L4.Precip. horaria -0.001754 0.001871 -0.938 0.348

L4.Temp. prom aire 0.000243 0.000241 1.009 0.313

L5.Conduct -0.364192 0.105885 -3.439 0.001

L5.Water 8.797803 1.232580 7.138 0.000

L5.Temp 0.936536 0.302158 3.099 0.002

L5.Precip. horaria -0.000725 0.001916 -0.378 0.705

L5.Temp. prom aire 0.000114 0.000240 0.473 0.636

L6.Conduct 0.311760 0.113664 2.743 0.006

L6.Water -5.237906 1.326493 -3.949 0.000

L6.Temp -0.536006 0.320193 -1.674 0.094

L6.Precip. horaria 0.000849 0.001909 0.445 0.656

L6.Temp. prom aire 0.000136 0.000241 0.564 0.573

L7.Conduct -0.180243 0.111864 -1.611 0.107

L7.Water 0.758972 1.335972 0.568 0.570

L7.Temp 0.251304 0.347010 0.724 0.469

L7.Precip. horaria -0.001012 0.001942 -0.521 0.602

L7.Temp. prom aire 0.000041 0.000241 0.170 0.865

L8.Conduct 0.017730 0.101058 0.175 0.861

L8.Water 4.672925 1.288196 3.627 0.000

L8.Temp 0.021318 0.394983 0.054 0.957

L8.Precip. horaria -0.005807 0.001937 -2.998 0.003

L8.Temp. prom aire -0.000034 0.000242 -0.139 0.889

L9.Conduct 0.125298 0.090496 1.385 0.166

L9.Water -9.100163 1.267567 -7.179 0.000

L9.Temp -0.534934 0.450918 -1.186 0.235

L9.Precip. horaria 0.004963 0.001960 2.532 0.011

L9.Temp. prom aire -0.000098 0.000242 -0.404 0.686

L10.Conduct -0.230266 0.096189 -2.394 0.017

L10.Water 10.671854 1.349500 7.908 0.000

L10.Temp 1.142368 0.488097 2.340 0.019

L10.Precip. horaria 0.003281 0.001987 1.651 0.099

L10.Temp. prom aire -0.000040 0.000242 -0.167 0.867

L11.Conduct 0.315935 0.112231 2.815 0.005

L11.Water -9.966065 1.485144 -6.711 0.000

L11.Temp -1.505598 0.496589 -3.032 0.002

L11.Precip. horaria -0.002931 0.001990 -1.473 0.141

L11.Temp. prom aire 0.000174 0.000240 0.725 0.468

L12.Conduct -0.369786 0.123453 -2.995 0.003

L12.Water 8.448191 1.590829 5.311 0.000

L12.Temp 1.613227 0.494700 3.261 0.001

L12.Precip. horaria 0.000057 0.001977 0.029 0.977

L12.Temp. prom aire 0.000142 0.000240 0.594 0.552

L13.Conduct 0.322132 0.123862 2.601 0.009

L13.Water -6.942256 1.614010 -4.301 0.000

L13.Temp -1.519449 0.495735 -3.065 0.002

L13.Precip. horaria 0.003630 0.001983 1.830 0.067

L13.Temp. prom aire -0.000196 0.000238 -0.822 0.411

L14.Conduct -0.160172 0.111624 -1.435 0.151

L14.Water 5.129642 1.522465 3.369 0.001

L14.Temp 1.312549 0.498266 2.634 0.008

L14.Precip. horaria 0.002082 0.001979 1.052 0.293

L14.Temp. prom aire 0.000162 0.000240 0.675 0.499

L15.Conduct -0.002221 0.086740 -0.026 0.980

L15.Water -2.302804 1.334684 -1.725 0.084

L15.Temp -1.041655 0.488775 -2.131 0.033

L15.Precip. horaria 0.002902 0.001978 1.467 0.142

L15.Temp. prom aire -0.000073 0.000240 -0.304 0.761

L16.Conduct 0.062179 0.053710 1.158 0.247

L16.Water -0.742497 1.142250 -0.650 0.516

L16.Temp 0.497218 0.456765 1.089 0.276

L16.Precip. horaria -0.000354 0.001923 -0.184 0.854

L16.Temp. prom aire 0.000067 0.000241 0.278 0.781

L17.Conduct -0.056307 0.026507 -2.124 0.034

L17.Water 2.573313 1.039407 2.476 0.013

L17.Temp 0.229628 0.433169 0.530 0.596

L17.Precip. horaria 0.005212 0.001952 2.670 0.008

L17.Temp. prom aire 0.000405 0.000240 1.683 0.092

L18.Conduct 0.070681 0.019567 3.612 0.000

L18.Water -3.258352 1.013229 -3.216 0.001

L18.Temp -0.773825 0.428168 -1.807 0.071

L18.Precip. horaria -0.000653 0.001965 -0.332 0.740

L18.Temp. prom aire 0.000306 0.000241 1.271 0.204

L19.Conduct -0.091580 0.019768 -4.633 0.000

L19.Water 3.759995 0.998798 3.765 0.000

L19.Temp 1.057058 0.424181 2.492 0.013

L19.Precip. horaria -0.002415 0.001972 -1.225 0.221

L19.Temp. prom aire 0.000085 0.000241 0.355 0.723

L20.Conduct 0.060246 0.019013 3.169 0.002

L20.Water -4.299478 0.937881 -4.584 0.000

L20.Temp -1.111377 0.411469 -2.701 0.007

L20.Precip. horaria 0.001519 0.002006 0.757 0.449

L20.Temp. prom aire 0.000077 0.000240 0.322 0.747

L21.Conduct -0.004962 0.017535 -0.283 0.777

L21.Water 4.112919 0.779040 5.279 0.000

L21.Temp 0.969106 0.373418 2.595 0.009

L21.Precip. horaria 0.004414 0.001960 2.252 0.024

L21.Temp. prom aire -0.000199 0.000241 -0.826 0.409

L22.Conduct -0.019923 0.016096 -1.238 0.216

L22.Water -2.742663 0.512002 -5.357 0.000

L22.Temp -0.697412 0.283882 -2.457 0.014

L22.Precip. horaria -0.000336 0.001991 -0.169 0.866

L22.Temp. prom aire 0.000262 0.000247 1.061 0.289

L23.Conduct 0.016719 0.010864 1.539 0.124

L23.Water 1.078864 0.223721 4.822 0.000

L23.Temp 0.347322 0.147198 2.360 0.018

L23.Precip. horaria -0.001260 0.001963 -0.642 0.521

L23.Temp. prom aire -0.000034 0.000250 -0.137 0.891

L24.Conduct -0.005635 0.003224 -1.748 0.081

L24.Water -0.186172 0.046536 -4.001 0.000

L24.Temp -0.080634 0.036064 -2.236 0.025

L24.Precip. horaria 0.000475 0.001961 0.242 0.809

L24.Temp. prom aire -0.000042 0.000230 -0.184 0.854

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000682 0.015787 -0.043 0.966

L1.Conduct 0.060647 0.013644 4.445 0.000

L1.Water -0.234655 0.137510 -1.706 0.088

L1.Temp 3.614143 0.061433 58.830 0.000

L1.Precip. horaria 0.000400 0.003929 0.102 0.919

L1.Temp. prom aire 0.000599 0.000466 1.286 0.198

L2.Conduct -0.283176 0.060145 -4.708 0.000

L2.Water 1.248487 0.640701 1.949 0.051

L2.Temp -5.409014 0.239024 -22.630 0.000

L2.Precip. horaria 0.004579 0.003833 1.195 0.232

L2.Temp. prom aire 0.000065 0.000497 0.130 0.896

L3.Conduct 0.604957 0.127471 4.746 0.000

L3.Water -3.200373 1.426790 -2.243 0.025

L3.Temp 4.631039 0.440656 10.509 0.000

L3.Precip. horaria 0.000191 0.003833 0.050 0.960

L3.Temp. prom aire -0.000034 0.000497 -0.068 0.946

L4.Conduct -0.832238 0.185130 -4.495 0.000

L4.Water 5.334694 2.138026 2.495 0.013

L4.Temp -2.888739 0.568096 -5.085 0.000

L4.Precip. horaria 0.004848 0.003909 1.240 0.215

L4.Temp. prom aire -0.000615 0.000504 -1.220 0.223

L5.Conduct 0.869930 0.221231 3.932 0.000

L5.Water -6.405035 2.575288 -2.487 0.013

L5.Temp 1.643776 0.631312 2.604 0.009

L5.Precip. horaria 0.004624 0.004003 1.155 0.248

L5.Temp. prom aire -0.000210 0.000502 -0.418 0.676

L6.Conduct -0.727628 0.237484 -3.064 0.002

L6.Water 5.770400 2.771504 2.082 0.037

L6.Temp -0.826335 0.668995 -1.235 0.217

L6.Precip. horaria 0.004667 0.003988 1.170 0.242

L6.Temp. prom aire 0.000640 0.000503 1.272 0.203

L7.Conduct 0.454395 0.233723 1.944 0.052

L7.Water -3.899384 2.791311 -1.397 0.162

L7.Temp -0.535131 0.725025 -0.738 0.460

L7.Precip. horaria -0.001037 0.004058 -0.256 0.798

L7.Temp. prom aire 0.000280 0.000504 0.556 0.578

L8.Conduct -0.073299 0.211145 -0.347 0.728

L8.Water 1.050364 2.691489 0.390 0.696

L8.Temp 2.525930 0.825256 3.061 0.002

L8.Precip. horaria -0.001967 0.004047 -0.486 0.627

L8.Temp. prom aire -0.000111 0.000506 -0.220 0.826

L9.Conduct -0.432610 0.189078 -2.288 0.022

L9.Water 3.378706 2.648388 1.276 0.202

L9.Temp -3.122480 0.942124 -3.314 0.001

L9.Precip. horaria 0.002942 0.004096 0.718 0.473

L9.Temp. prom aire 0.000028 0.000506 0.056 0.955

L10.Conduct 0.935985 0.200972 4.657 0.000

L10.Water -8.854621 2.819574 -3.140 0.002

L10.Temp 1.873841 1.019804 1.837 0.066

L10.Precip. horaria 0.006560 0.004152 1.580 0.114

L10.Temp. prom aire 0.000257 0.000505 0.510 0.610

L11.Conduct -1.192440 0.234489 -5.085 0.000

L11.Water 12.846197 3.102981 4.140 0.000

L11.Temp -0.768913 1.037547 -0.741 0.459

L11.Precip. horaria -0.002212 0.004158 -0.532 0.595

L11.Temp. prom aire -0.000427 0.000502 -0.851 0.395

L12.Conduct 1.141143 0.257937 4.424 0.000

L12.Water -13.335672 3.323794 -4.012 0.000

L12.Temp 1.241049 1.033601 1.201 0.230

L12.Precip. horaria 0.004965 0.004131 1.202 0.229

L12.Temp. prom aire 0.000870 0.000501 1.738 0.082

L13.Conduct -0.934178 0.258791 -3.610 0.000

L13.Water 10.852896 3.372229 3.218 0.001

L13.Temp -3.397053 1.035763 -3.280 0.001

L13.Precip. horaria -0.000122 0.004144 -0.030 0.976

L13.Temp. prom aire -0.000951 0.000498 -1.909 0.056

L14.Conduct 0.714989 0.233221 3.066 0.002

L14.Water -7.400647 3.180959 -2.327 0.020

L14.Temp 5.174681 1.041051 4.971 0.000

L14.Precip. horaria 0.001350 0.004135 0.327 0.744

L14.Temp. prom aire -0.000206 0.000502 -0.409 0.682

L15.Conduct -0.495188 0.181230 -2.732 0.006

L15.Water 4.335345 2.788618 1.555 0.120

L15.Temp -4.322031 1.021220 -4.232 0.000

L15.Precip. horaria 0.001444 0.004132 0.349 0.727

L15.Temp. prom aire 0.001079 0.000502 2.148 0.032

L16.Conduct 0.246012 0.112219 2.192 0.028

L16.Water -1.958811 2.386558 -0.821 0.412

L16.Temp 2.135690 0.954340 2.238 0.025

L16.Precip. horaria -0.000111 0.004018 -0.028 0.978

L16.Temp. prom aire -0.000770 0.000503 -1.531 0.126

L17.Conduct -0.052830 0.055383 -0.954 0.340

L17.Water 0.443127 2.171683 0.204 0.838

L17.Temp -0.801620 0.905040 -0.886 0.376

L17.Precip. horaria 0.003202 0.004079 0.785 0.432

L17.Temp. prom aire -0.000399 0.000502 -0.794 0.427

L18.Conduct 0.006603 0.040883 0.162 0.872

L18.Water 0.056291 2.116987 0.027 0.979

L18.Temp 0.118271 0.894592 0.132 0.895

L18.Precip. horaria -0.001253 0.004106 -0.305 0.760

L18.Temp. prom aire -0.000007 0.000503 -0.013 0.990

L19.Conduct -0.041944 0.041302 -1.016 0.310

L19.Water 0.249968 2.086836 0.120 0.905

L19.Temp 1.082780 0.886262 1.222 0.222

L19.Precip. horaria -0.009963 0.004119 -2.419 0.016

L19.Temp. prom aire 0.000015 0.000503 0.030 0.976

L20.Conduct 0.046615 0.039725 1.173 0.241

L20.Water -0.798134 1.959560 -0.407 0.684

L20.Temp -2.838799 0.859702 -3.302 0.001

L20.Precip. horaria 0.001063 0.004192 0.254 0.800

L20.Temp. prom aire 0.000124 0.000501 0.248 0.804

L21.Conduct 0.004939 0.036637 0.135 0.893

L21.Water 0.881833 1.627684 0.542 0.588

L21.Temp 3.561633 0.780200 4.565 0.000

L21.Precip. horaria 0.001346 0.004095 0.329 0.742

L21.Temp. prom aire 0.001288 0.000503 2.560 0.010

L22.Conduct -0.053000 0.033630 -1.576 0.115

L22.Water -0.404512 1.069751 -0.378 0.705

L22.Temp -2.435776 0.593127 -4.107 0.000

L22.Precip. horaria -0.009063 0.004161 -2.178 0.029

L22.Temp. prom aire -0.001139 0.000516 -2.207 0.027

L23.Conduct 0.045448 0.022699 2.002 0.045

L23.Water 0.006007 0.467430 0.013 0.990

L23.Temp 0.878485 0.307548 2.856 0.004

L23.Precip. horaria 0.002334 0.004102 0.569 0.569

L23.Temp. prom aire -0.000079 0.000522 -0.152 0.879

L24.Conduct -0.013107 0.006737 -1.946 0.052

L24.Water 0.037450 0.097229 0.385 0.700

L24.Temp -0.135514 0.075351 -1.798 0.072

L24.Precip. horaria -0.001536 0.004097 -0.375 0.708

L24.Temp. prom aire -0.000200 0.000481 -0.417 0.677

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.151486 0.217882 0.695 0.487

L1.Conduct 0.406742 0.188301 2.160 0.031

L1.Water -7.779202 1.897812 -4.099 0.000

L1.Temp 1.900376 0.847857 2.241 0.025

L1.Precip. horaria 0.140625 0.054227 2.593 0.010

L1.Temp. prom aire 0.004570 0.006429 0.711 0.477

L2.Conduct -1.659676 0.830078 -1.999 0.046

L2.Water 36.720874 8.842478 4.153 0.000

L2.Temp -6.550270 3.298828 -1.986 0.047

L2.Precip. horaria -0.114186 0.052906 -2.158 0.031

L2.Temp. prom aire 0.003024 0.006861 0.441 0.659

L3.Conduct 3.548801 1.759262 2.017 0.044

L3.Water -81.548978 19.691480 -4.141 0.000

L3.Temp 8.385783 6.081599 1.379 0.168

L3.Precip. horaria 0.203881 0.052903 3.854 0.000

L3.Temp. prom aire -0.011968 0.006859 -1.745 0.081

L4.Conduct -5.493695 2.555023 -2.150 0.032

L4.Water 120.974299 29.507432 4.100 0.000

L4.Temp -4.043282 7.840436 -0.516 0.606

L4.Precip. horaria -0.261708 0.053950 -4.851 0.000

L4.Temp. prom aire -0.003832 0.006953 -0.551 0.582

L5.Conduct 6.522072 3.053267 2.136 0.033

L5.Water -135.206297 35.542181 -3.804 0.000

L5.Temp -2.221446 8.712897 -0.255 0.799

L5.Precip. horaria 0.068865 0.055240 1.247 0.213

L5.Temp. prom aire 0.008144 0.006927 1.176 0.240

L6.Conduct -6.196489 3.277577 -1.891 0.059

L6.Water 114.551779 38.250215 2.995 0.003

L6.Temp 7.503911 9.232963 0.813 0.416

L6.Precip. horaria -0.242393 0.055034 -4.404 0.000

L6.Temp. prom aire 0.001745 0.006942 0.251 0.802

L7.Conduct 5.112890 3.225667 1.585 0.113

L7.Water -76.434895 38.523571 -1.984 0.047

L7.Temp -14.120558 10.006250 -1.411 0.158

L7.Precip. horaria 0.081818 0.056012 1.461 0.144

L7.Temp. prom aire 0.002280 0.006954 0.328 0.743

L8.Conduct -3.120051 2.914060 -1.071 0.284

L8.Water 40.937079 37.145906 1.102 0.270

L8.Temp 24.690449 11.389567 2.168 0.030

L8.Precip. horaria -0.103661 0.055857 -1.856 0.063

L8.Temp. prom aire -0.004141 0.006984 -0.593 0.553

L9.Conduct -0.199095 2.609513 -0.076 0.939

L9.Water -1.367060 36.551059 -0.037 0.970

L9.Temp -34.288446 13.002488 -2.637 0.008

L9.Precip. horaria 0.180067 0.056524 3.186 0.001

L9.Temp. prom aire 0.004166 0.006979 0.597 0.551

L10.Conduct 3.571832 2.773670 1.288 0.198

L10.Water -40.262352 38.913639 -1.035 0.301

L10.Temp 34.054974 14.074564 2.420 0.016

L10.Precip. horaria -0.128952 0.057300 -2.250 0.024

L10.Temp. prom aire -0.001395 0.006973 -0.200 0.841

L11.Conduct -5.433101 3.236235 -1.679 0.093

L11.Water 62.070333 42.825016 1.449 0.147

L11.Temp -25.317965 14.319439 -1.768 0.077

L11.Precip. horaria -0.002082 0.057387 -0.036 0.971

L11.Temp. prom aire -0.005898 0.006922 -0.852 0.394

L12.Conduct 5.589410 3.559855 1.570 0.116

L12.Water -54.539404 45.872510 -1.189 0.234

L12.Temp 16.929771 14.264987 1.187 0.235

L12.Precip. horaria -0.061597 0.057017 -1.080 0.280

L12.Temp. prom aire -0.001594 0.006909 -0.231 0.818

L13.Conduct -4.773502 3.571640 -1.337 0.181

L13.Water 28.700338 46.540963 0.617 0.537

L13.Temp -11.899424 14.294817 -0.832 0.405

L13.Precip. horaria 0.121367 0.057186 2.122 0.034

L13.Temp. prom aire -0.002570 0.006876 -0.374 0.709

L14.Conduct 3.662489 3.218738 1.138 0.255

L14.Water -7.711378 43.901201 -0.176 0.861

L14.Temp 5.620485 14.367802 0.391 0.696

L14.Precip. horaria -0.064937 0.057073 -1.138 0.255

L14.Temp. prom aire 0.006020 0.006928 0.869 0.385

L15.Conduct -2.274796 2.501206 -0.909 0.363

L15.Water 3.977650 38.486406 0.103 0.918

L15.Temp 5.400639 14.094108 0.383 0.702

L15.Precip. horaria 0.015734 0.057030 0.276 0.783

L15.Temp. prom aire -0.004872 0.006932 -0.703 0.482

L16.Conduct 0.989377 1.548760 0.639 0.523

L16.Water -10.737185 32.937473 -0.326 0.744

L16.Temp -15.433491 13.171086 -1.172 0.241

L16.Precip. horaria -0.175850 0.055448 -3.171 0.002

L16.Temp. prom aire -0.004587 0.006938 -0.661 0.508

L17.Conduct -0.588668 0.764353 -0.770 0.441

L17.Water 21.895435 29.971931 0.731 0.465

L17.Temp 17.142946 12.490687 1.372 0.170

L17.Precip. horaria -0.064211 0.056290 -1.141 0.254

L17.Temp. prom aire 0.003071 0.006935 0.443 0.658

L18.Conduct 0.744966 0.564234 1.320 0.187

L18.Water -31.689275 29.217064 -1.085 0.278

L18.Temp -13.860181 12.346480 -1.123 0.262

L18.Precip. horaria -0.067297 0.056674 -1.187 0.235

L18.Temp. prom aire 0.008682 0.006942 1.251 0.211

L19.Conduct -0.932137 0.570021 -1.635 0.102

L19.Water 35.475497 28.800942 1.232 0.218

L19.Temp 11.903629 12.231516 0.973 0.330

L19.Precip. horaria -0.060614 0.056850 -1.066 0.286

L19.Temp. prom aire -0.003070 0.006937 -0.443 0.658

L20.Conduct 1.385248 0.548259 2.527 0.012

L20.Water -38.275857 27.044370 -1.415 0.157

L20.Temp -10.283857 11.864955 -0.867 0.386

L20.Precip. horaria -0.095685 0.057857 -1.654 0.098

L20.Temp. prom aire 0.007123 0.006914 1.030 0.303

L21.Conduct -1.753918 0.505635 -3.469 0.001

L21.Water 38.570712 22.464076 1.717 0.086

L21.Temp 6.332175 10.767732 0.588 0.556

L21.Precip. horaria -0.160659 0.056512 -2.843 0.004

L21.Temp. prom aire 0.020371 0.006945 2.933 0.003

L22.Conduct 1.277542 0.464142 2.752 0.006

L22.Water -27.560678 14.763896 -1.867 0.062

L22.Temp -1.767047 8.185895 -0.216 0.829

L22.Precip. horaria -0.054557 0.057423 -0.950 0.342

L22.Temp. prom aire -0.019424 0.007121 -2.728 0.006

L23.Conduct -0.418838 0.313276 -1.337 0.181

L23.Water 11.146633 6.451120 1.728 0.084

L23.Temp -0.474554 4.244540 -0.112 0.911

L23.Precip. horaria 0.010783 0.056606 0.190 0.849

L23.Temp. prom aire 0.004015 0.007207 0.557 0.577

L24.Conduct 0.030389 0.092977 0.327 0.744

L24.Water -1.894897 1.341884 -1.412 0.158

L24.Temp 0.377818 1.039932 0.363 0.716

L24.Precip. horaria -0.064390 0.056550 -1.139 0.255

L24.Temp. prom aire 0.006826 0.006641 1.028 0.304

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 4.140872 1.833296 2.259 0.024

L1.Conduct -0.339368 1.584396 -0.214 0.830

L1.Water -5.667960 15.968513 -0.355 0.723

L1.Temp -6.895391 7.134009 -0.967 0.334

L1.Precip. horaria -0.114722 0.456274 -0.251 0.801

L1.Temp. prom aire 0.393415 0.054091 7.273 0.000

L2.Conduct -0.419993 6.984418 -0.060 0.952

L2.Water 34.835857 74.402111 0.468 0.640

L2.Temp 21.607444 27.756903 0.778 0.436

L2.Precip. horaria -0.729064 0.445157 -1.638 0.101

L2.Temp. prom aire 0.094321 0.057733 1.634 0.102

L3.Conduct 4.258173 14.802726 0.288 0.774

L3.Water -91.896358 165.687458 -0.555 0.579

L3.Temp -13.288686 51.171603 -0.260 0.795

L3.Precip. horaria -0.468793 0.445132 -1.053 0.292

L3.Temp. prom aire 0.061194 0.057717 1.060 0.289

L4.Conduct -6.438350 21.498399 -0.299 0.765

L4.Water 131.219862 248.280540 0.529 0.597

L4.Temp -5.457409 65.970755 -0.083 0.934

L4.Precip. horaria -0.042445 0.453942 -0.094 0.926

L4.Temp. prom aire 0.030974 0.058507 0.529 0.597

L5.Conduct 5.125526 25.690703 0.200 0.842

L5.Water -122.244635 299.057941 -0.409 0.683

L5.Temp 7.606685 73.311791 0.104 0.917

L5.Precip. horaria -0.628722 0.464795 -1.353 0.176

L5.Temp. prom aire -0.039139 0.058284 -0.672 0.502

L6.Conduct -9.594731 27.578087 -0.348 0.728

L6.Water 120.260923 321.843801 0.374 0.709

L6.Temp -47.608055 77.687713 -0.613 0.540

L6.Precip. horaria -0.123950 0.463065 -0.268 0.789

L6.Temp. prom aire -0.045170 0.058409 -0.773 0.439

L7.Conduct 18.932949 27.141313 0.698 0.485

L7.Water -139.878115 324.143863 -0.432 0.666

L7.Temp 119.579665 84.194287 1.420 0.156

L7.Precip. horaria -0.260212 0.471296 -0.552 0.581

L7.Temp. prom aire 0.166724 0.058512 2.849 0.004

L8.Conduct -19.160012 24.519393 -0.781 0.435

L8.Water 105.075860 312.551959 0.336 0.737

L8.Temp -148.579572 95.833745 -1.550 0.121

L8.Precip. horaria -0.261978 0.469987 -0.557 0.577

L8.Temp. prom aire 0.000813 0.058768 0.014 0.989

L9.Conduct 4.621321 21.956885 0.210 0.833

L9.Water 4.894986 307.546813 0.016 0.987

L9.Temp 150.382026 109.405139 1.375 0.169

L9.Precip. horaria 0.197533 0.475604 0.415 0.678

L9.Temp. prom aire -0.085179 0.058723 -1.451 0.147

L10.Conduct 16.527197 23.338130 0.708 0.479

L10.Water -142.913272 327.425958 -0.436 0.662

L10.Temp -160.816307 118.425771 -1.358 0.174

L10.Precip. horaria 0.679720 0.482134 1.410 0.159

L10.Temp. prom aire -0.035266 0.058674 -0.601 0.548

L11.Conduct -30.048120 27.230234 -1.103 0.270

L11.Water 259.780070 360.336946 0.721 0.471

L11.Temp 151.488149 120.486187 1.257 0.209

L11.Precip. horaria 0.843032 0.482867 1.746 0.081

L11.Temp. prom aire -0.033158 0.058244 -0.569 0.569

L12.Conduct 30.903327 29.953221 1.032 0.302

L12.Water -319.896098 385.979080 -0.829 0.407

L12.Temp -91.781479 120.028018 -0.765 0.444

L12.Precip. horaria 0.109488 0.479754 0.228 0.819

L12.Temp. prom aire -0.033982 0.058133 -0.585 0.559

L13.Conduct -24.184645 30.052384 -0.805 0.421

L13.Water 311.293451 391.603556 0.795 0.427

L13.Temp 12.717781 120.279016 0.106 0.916

L13.Precip. horaria -0.382610 0.481175 -0.795 0.427

L13.Temp. prom aire 0.005681 0.057859 0.098 0.922

L14.Conduct 12.242356 27.083010 0.452 0.651

L14.Water -233.647387 369.392157 -0.633 0.527

L14.Temp 21.569560 120.893121 0.178 0.858

L14.Precip. horaria -0.546595 0.480224 -1.138 0.255

L14.Temp. prom aire 0.070531 0.058295 1.210 0.226

L15.Conduct -1.405850 21.045575 -0.067 0.947

L15.Water 130.563008 323.831152 0.403 0.687

L15.Temp -39.786870 118.590215 -0.335 0.737

L15.Precip. horaria 0.121352 0.479858 0.253 0.800

L15.Temp. prom aire -0.026210 0.058324 -0.449 0.653

L16.Conduct -1.146484 13.031533 -0.088 0.930

L16.Water -57.064127 277.141487 -0.206 0.837

L16.Temp 104.413419 110.823755 0.942 0.346

L16.Precip. horaria -0.652337 0.466546 -1.398 0.162

L16.Temp. prom aire -0.052553 0.058376 -0.900 0.368

L17.Conduct 2.651438 6.431398 0.412 0.680

L17.Water -33.891008 252.188913 -0.134 0.893

L17.Temp -161.699758 105.098761 -1.539 0.124

L17.Precip. horaria 0.694935 0.473633 1.467 0.142

L17.Temp. prom aire 0.100401 0.058351 1.721 0.085

L18.Conduct -7.814878 4.747561 -1.646 0.100

L18.Water 193.271576 245.837335 0.786 0.432

L18.Temp 154.029142 103.885374 1.483 0.138

L18.Precip. horaria 0.304987 0.476866 0.640 0.522

L18.Temp. prom aire -0.013636 0.058408 -0.233 0.815

L19.Conduct 8.710040 4.796250 1.816 0.069

L19.Water -341.955246 242.336009 -1.411 0.158

L19.Temp -116.352930 102.918052 -1.131 0.258

L19.Precip. horaria -0.323381 0.478344 -0.676 0.499

L19.Temp. prom aire -0.001154 0.058366 -0.020 0.984

L20.Conduct -2.641933 4.613142 -0.573 0.567

L20.Water 382.654302 227.555915 1.682 0.093

L20.Temp 84.362797 99.833745 0.845 0.398

L20.Precip. horaria -0.424498 0.486821 -0.872 0.383

L20.Temp. prom aire -0.059253 0.058172 -1.019 0.308

L21.Conduct -3.940863 4.254496 -0.926 0.354

L21.Water -308.312240 189.016545 -1.631 0.103

L21.Temp -57.485374 90.601521 -0.634 0.526

L21.Precip. horaria -0.030147 0.475500 -0.063 0.949

L21.Temp. prom aire 0.077026 0.058435 1.318 0.187

L22.Conduct 4.862160 3.905371 1.245 0.213

L22.Water 176.931482 124.225929 1.424 0.154

L22.Temp 30.448009 68.877513 0.442 0.658

L22.Precip. horaria 0.115179 0.483167 0.238 0.812

L22.Temp. prom aire 0.034387 0.059916 0.574 0.566

L23.Conduct -1.687826 2.635956 -0.640 0.522

L23.Water -65.265280 54.280818 -1.202 0.229

L23.Temp -8.948143 35.714276 -0.251 0.802

L23.Precip. horaria 0.931565 0.476295 1.956 0.050

L23.Temp. prom aire 0.044153 0.060642 0.728 0.467

L24.Conduct -0.014834 0.782320 -0.019 0.985

L24.Water 11.812855 11.290838 1.046 0.295

L24.Temp 0.654965 8.750167 0.075 0.940

L24.Precip. horaria 0.376374 0.475824 0.791 0.429

L24.Temp. prom aire -0.114347 0.055879 -2.046 0.041

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.570096 -0.464585 0.048601 -0.042986

Water 0.570096 1.000000 -0.103473 -0.049549 -0.066337

Temp -0.464585 -0.103473 1.000000 -0.090567 0.021124

Precip. horaria 0.048601 -0.049549 -0.090567 1.000000 0.108069

Temp. prom aire -0.042986 -0.066337 0.021124 0.108069 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.1456

Nobs: 464.000 HQIC: -26.4187

Log likelihood: 3935.15 FPE: 4.27066e-13

AIC: -28.5435 Det(Omega\_mle): 1.34062e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.016511 0.006412 2.575 0.010

L1.Conduct 3.267137 0.128051 25.514 0.000

L1.Water 0.570932 0.094887 6.017 0.000

L1.Temp -0.226040 0.054795 -4.125 0.000

L1.Precip. horaria 0.005932 0.003812 1.556 0.120

L1.Temp. prom aire 0.000041 0.000406 0.101 0.919

L2.Conduct -4.052527 0.503543 -8.048 0.000

L2.Water -2.582011 0.391793 -6.590 0.000

L2.Temp 0.926050 0.199964 4.631 0.000

L2.Precip. horaria -0.004727 0.003927 -1.204 0.229

L2.Temp. prom aire 0.000443 0.000433 1.023 0.306

L3.Conduct 1.944882 0.959677 2.027 0.043

L3.Water 5.361360 0.796665 6.730 0.000

L3.Temp -1.573051 0.342171 -4.597 0.000

L3.Precip. horaria -0.010269 0.003913 -2.624 0.009

L3.Temp. prom aire -0.000099 0.000435 -0.227 0.820

L4.Conduct 0.823722 1.276854 0.645 0.519

L4.Water -7.097058 1.139366 -6.229 0.000

L4.Temp 1.475633 0.415999 3.547 0.000

L4.Precip. horaria 0.000255 0.003936 0.065 0.948

L4.Temp. prom aire 0.000007 0.000435 0.017 0.986

L5.Conduct -2.341266 1.428601 -1.639 0.101

L5.Water 7.197346 1.350656 5.329 0.000

L5.Temp -0.904829 0.444009 -2.038 0.042

L5.Precip. horaria -0.006230 0.003932 -1.584 0.113

L5.Temp. prom aire 0.000271 0.000439 0.618 0.537

L6.Conduct 2.818577 1.480962 1.903 0.057

L6.Water -6.280083 1.445044 -4.346 0.000

L6.Temp 0.450688 0.449172 1.003 0.316

L6.Precip. horaria 0.004205 0.003923 1.072 0.284

L6.Temp. prom aire 0.000387 0.000438 0.884 0.377

L7.Conduct -3.617795 1.495326 -2.419 0.016

L7.Water 4.658096 1.481359 3.144 0.002

L7.Temp -0.187363 0.505375 -0.371 0.711

L7.Precip. horaria 0.006349 0.003976 1.597 0.110

L7.Temp. prom aire 0.000258 0.000434 0.595 0.552

L8.Conduct 4.489694 1.530640 2.933 0.003

L8.Water -1.768324 1.517729 -1.165 0.244

L8.Temp -0.260274 0.705109 -0.369 0.712

L8.Precip. horaria -0.006738 0.003985 -1.691 0.091

L8.Temp. prom aire -0.000354 0.000437 -0.810 0.418

L9.Conduct -3.312081 1.667787 -1.986 0.047

L9.Water -2.535197 1.614659 -1.570 0.116

L9.Temp 1.105389 0.965780 1.145 0.252

L9.Precip. horaria 0.000432 0.003997 0.108 0.914

L9.Temp. prom aire -0.000404 0.000436 -0.927 0.354

L10.Conduct 0.442668 1.847447 0.240 0.811

L10.Water 6.576860 1.766661 3.723 0.000

L10.Temp -1.838325 1.163154 -1.580 0.114

L10.Precip. horaria -0.007719 0.004078 -1.893 0.058

L10.Temp. prom aire 0.000147 0.000441 0.334 0.739

L11.Conduct 1.712435 1.943139 0.881 0.378

L11.Water -8.481040 1.888267 -4.491 0.000

L11.Temp 1.914032 1.256376 1.523 0.128

L11.Precip. horaria -0.008448 0.004009 -2.107 0.035

L11.Temp. prom aire -0.000065 0.000435 -0.150 0.881

L12.Conduct -1.942838 1.958225 -0.992 0.321

L12.Water 8.067015 1.939269 4.160 0.000

L12.Temp -1.478836 1.271725 -1.163 0.245

L12.Precip. horaria 0.004132 0.003864 1.069 0.285

L12.Temp. prom aire -0.000262 0.000434 -0.605 0.545

L13.Conduct 0.672855 1.907821 0.353 0.724

L13.Water -6.361755 1.902268 -3.344 0.001

L13.Temp 1.091410 1.244058 0.877 0.380

L13.Precip. horaria -0.001930 0.003912 -0.493 0.622

L13.Temp. prom aire 0.000622 0.000436 1.426 0.154

L14.Conduct -0.021791 1.796359 -0.012 0.990

L14.Water 4.551256 1.780669 2.556 0.011

L14.Temp -1.092501 1.198641 -0.911 0.362

L14.Precip. horaria 0.006608 0.004049 1.632 0.103

L14.Temp. prom aire -0.000408 0.000434 -0.941 0.347

L15.Conduct 0.888301 1.633601 0.544 0.587

L15.Water -2.734064 1.607720 -1.701 0.089

L15.Temp 0.960098 1.145846 0.838 0.402

L15.Precip. horaria -0.009803 0.004070 -2.409 0.016

L15.Temp. prom aire 0.000587 0.000431 1.362 0.173

L16.Conduct -1.519188 1.477394 -1.028 0.304

L16.Water 0.440541 1.462456 0.301 0.763

L16.Temp -0.130751 1.102800 -0.119 0.906

L16.Precip. horaria 0.011940 0.004155 2.874 0.004

L16.Temp. prom aire 0.000134 0.000431 0.312 0.755

L17.Conduct 1.200062 1.430290 0.839 0.401

L17.Water 1.614707 1.420796 1.136 0.256

L17.Temp -0.850010 1.112762 -0.764 0.445

L17.Precip. horaria 0.006407 0.004136 1.549 0.121

L17.Temp. prom aire 0.000225 0.000429 0.524 0.600

L18.Conduct -0.951124 1.447990 -0.657 0.511

L18.Water -2.437987 1.426111 -1.710 0.087

L18.Temp 1.261940 1.139812 1.107 0.268

L18.Precip. horaria 0.008305 0.004053 2.049 0.040

L18.Temp. prom aire 0.000806 0.000428 1.881 0.060

L19.Conduct 1.433862 1.441098 0.995 0.320

L19.Water 2.225478 1.390067 1.601 0.109

L19.Temp -1.236766 1.139737 -1.085 0.278

L19.Precip. horaria 0.007323 0.004081 1.794 0.073

L19.Temp. prom aire -0.000421 0.000428 -0.982 0.326

L20.Conduct -2.095657 1.372531 -1.527 0.127

L20.Water -1.846257 1.273864 -1.449 0.147

L20.Temp 1.260930 1.096195 1.150 0.250

L20.Precip. horaria 0.000689 0.004101 0.168 0.866

L20.Temp. prom aire -0.000358 0.000428 -0.837 0.403

L21.Conduct 1.781623 1.207343 1.476 0.140

L21.Water 1.684442 1.059061 1.591 0.112

L21.Temp -1.422157 0.966426 -1.472 0.141

L21.Precip. horaria 0.000167 0.004005 0.042 0.967

L21.Temp. prom aire 0.000591 0.000444 1.331 0.183

L22.Conduct -0.748945 0.885250 -0.846 0.398

L22.Water -1.335553 0.730610 -1.828 0.068

L22.Temp 1.254044 0.704250 1.781 0.075

L22.Precip. horaria 0.000616 0.004037 0.153 0.879

L22.Temp. prom aire 0.000219 0.000449 0.487 0.626

L23.Conduct 0.152618 0.443283 0.344 0.731

L23.Water 0.638270 0.348606 1.831 0.067

L23.Temp -0.635857 0.351167 -1.811 0.070

L23.Precip. horaria 0.005593 0.003994 1.401 0.161

L23.Temp. prom aire -0.000293 0.000448 -0.654 0.513

L24.Conduct -0.028863 0.105202 -0.274 0.784

L24.Water -0.126259 0.080267 -1.573 0.116

L24.Temp 0.134698 0.083573 1.612 0.107

L24.Precip. horaria 0.004987 0.003782 1.319 0.187

L24.Temp. prom aire 0.000069 0.000421 0.164 0.869

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.017422 0.008564 2.034 0.042

L1.Conduct -0.696057 0.171032 -4.070 0.000

L1.Water 4.648375 0.126737 36.677 0.000

L1.Temp -0.100234 0.073187 -1.370 0.171

L1.Precip. horaria 0.006994 0.005091 1.374 0.170

L1.Temp. prom aire 0.000077 0.000543 0.142 0.887

L2.Conduct 3.074121 0.672562 4.571 0.000

L2.Water -10.210961 0.523302 -19.513 0.000

L2.Temp 0.400960 0.267084 1.501 0.133

L2.Precip. horaria -0.004768 0.005246 -0.909 0.363

L2.Temp. prom aire 0.000396 0.000579 0.684 0.494

L3.Conduct -6.198830 1.281800 -4.836 0.000

L3.Water 14.560956 1.064072 13.684 0.000

L3.Temp -0.645049 0.457023 -1.411 0.158

L3.Precip. horaria -0.015175 0.005227 -2.903 0.004

L3.Temp. prom aire 0.000446 0.000581 0.769 0.442

L4.Conduct 7.835270 1.705440 4.594 0.000

L4.Water -15.568996 1.521803 -10.231 0.000

L4.Temp 0.533642 0.555632 0.960 0.337

L4.Precip. horaria 0.002867 0.005256 0.545 0.585

L4.Temp. prom aire -0.000643 0.000581 -1.108 0.268

L5.Conduct -7.414770 1.908123 -3.886 0.000

L5.Water 13.768637 1.804015 7.632 0.000

L5.Temp -0.314883 0.593044 -0.531 0.595

L5.Precip. horaria -0.005975 0.005252 -1.138 0.255

L5.Temp. prom aire 0.000344 0.000586 0.588 0.557

L6.Conduct 5.878338 1.978059 2.972 0.003

L6.Water -10.545574 1.930084 -5.464 0.000

L6.Temp 0.374444 0.599941 0.624 0.533

L6.Precip. horaria 0.007261 0.005240 1.386 0.166

L6.Temp. prom aire 0.000421 0.000585 0.720 0.471

L7.Conduct -3.738626 1.997245 -1.872 0.061

L7.Water 5.522163 1.978589 2.791 0.005

L7.Temp -0.639594 0.675008 -0.948 0.343

L7.Precip. horaria 0.006083 0.005310 1.146 0.252

L7.Temp. prom aire -0.000054 0.000580 -0.093 0.926

L8.Conduct 0.586151 2.044411 0.287 0.774

L8.Water 2.035859 2.027167 1.004 0.315

L8.Temp 0.659986 0.941785 0.701 0.483

L8.Precip. horaria -0.015173 0.005323 -2.851 0.004

L8.Temp. prom aire -0.000436 0.000583 -0.747 0.455

L9.Conduct 3.543045 2.227593 1.591 0.112

L9.Water -10.118980 2.156633 -4.692 0.000

L9.Temp -0.100309 1.289952 -0.078 0.938

L9.Precip. horaria 0.009219 0.005339 1.727 0.084

L9.Temp. prom aire -0.000658 0.000582 -1.130 0.259

L10.Conduct -6.909745 2.467557 -2.800 0.005

L10.Water 15.393247 2.359655 6.524 0.000

L10.Temp -0.849278 1.553576 -0.547 0.585

L10.Precip. horaria -0.010171 0.005446 -1.868 0.062

L10.Temp. prom aire 0.000567 0.000589 0.964 0.335

L11.Conduct 7.799105 2.595370 3.005 0.003

L11.Water -16.367733 2.522080 -6.490 0.000

L11.Temp 1.730389 1.678089 1.031 0.302

L11.Precip. horaria -0.012888 0.005355 -2.407 0.016

L11.Temp. prom aire -0.000196 0.000581 -0.337 0.736

L12.Conduct -6.293149 2.615519 -2.406 0.016

L12.Water 14.086529 2.590201 5.438 0.000

L12.Temp -2.250905 1.698590 -1.325 0.185

L12.Precip. horaria 0.007242 0.005161 1.403 0.161

L12.Temp. prom aire -0.000407 0.000579 -0.702 0.482

L13.Conduct 3.829628 2.548196 1.503 0.133

L13.Water -10.726447 2.540780 -4.222 0.000

L13.Temp 2.507406 1.661636 1.509 0.131

L13.Precip. horaria -0.003545 0.005224 -0.678 0.497

L13.Temp. prom aire 0.000856 0.000582 1.471 0.141

L14.Conduct -2.065497 2.399321 -0.861 0.389

L14.Water 7.191962 2.378366 3.024 0.002

L14.Temp -2.692890 1.600975 -1.682 0.093

L14.Precip. horaria 0.011333 0.005408 2.096 0.036

L14.Temp. prom aire -0.000743 0.000579 -1.282 0.200

L15.Conduct 1.122817 2.181933 0.515 0.607

L15.Water -2.916485 2.147364 -1.358 0.174

L15.Temp 2.387820 1.530459 1.560 0.119

L15.Precip. horaria -0.017999 0.005436 -3.311 0.001

L15.Temp. prom aire 0.001022 0.000575 1.776 0.076

L16.Conduct 0.035211 1.973294 0.018 0.986

L16.Water -1.704049 1.953341 -0.872 0.383

L16.Temp -1.151445 1.472964 -0.782 0.434

L16.Precip. horaria 0.009979 0.005549 1.798 0.072

L16.Temp. prom aire -0.000003 0.000576 -0.005 0.996

L17.Conduct -1.234116 1.910378 -0.646 0.518

L17.Water 4.902975 1.897698 2.584 0.010

L17.Temp -0.475179 1.486269 -0.320 0.749

L17.Precip. horaria 0.011331 0.005525 2.051 0.040

L17.Temp. prom aire -0.000164 0.000573 -0.286 0.775

L18.Conduct 1.453046 1.934019 0.751 0.452

L18.Water -5.661150 1.904797 -2.972 0.003

L18.Temp 1.634236 1.522399 1.073 0.283

L18.Precip. horaria -0.000934 0.005413 -0.173 0.863

L18.Temp. prom aire 0.001278 0.000572 2.234 0.026

L19.Conduct -0.678705 1.924814 -0.353 0.724

L19.Water 4.915134 1.856654 2.647 0.008

L19.Temp -2.106890 1.522300 -1.384 0.166

L19.Precip. horaria 0.005284 0.005451 0.969 0.332

L19.Temp. prom aire -0.000739 0.000572 -1.292 0.196

L20.Conduct -0.033339 1.833232 -0.018 0.985

L20.Water -4.189811 1.701447 -2.462 0.014

L20.Temp 2.166658 1.464142 1.480 0.139

L20.Precip. horaria 0.001512 0.005477 0.276 0.783

L20.Temp. prom aire -0.001354 0.000571 -2.371 0.018

L21.Conduct -0.011395 1.612597 -0.007 0.994

L21.Water 3.555692 1.414543 2.514 0.012

L21.Temp -2.028703 1.290815 -1.572 0.116

L21.Precip. horaria 0.005888 0.005350 1.101 0.271

L21.Temp. prom aire 0.001282 0.000593 2.160 0.031

L22.Conduct 0.243652 1.182392 0.206 0.837

L22.Water -2.333197 0.975846 -2.391 0.017

L22.Temp 1.550004 0.940638 1.648 0.099

L22.Precip. horaria -0.001775 0.005392 -0.329 0.742

L22.Temp. prom aire -0.000036 0.000600 -0.060 0.953

L23.Conduct -0.130441 0.592074 -0.220 0.826

L23.Water 0.919955 0.465618 1.976 0.048

L23.Temp -0.756345 0.469039 -1.613 0.107

L23.Precip. horaria 0.007006 0.005334 1.314 0.189

L23.Temp. prom aire -0.000258 0.000598 -0.431 0.667

L24.Conduct 0.002779 0.140514 0.020 0.984

L24.Water -0.158522 0.107210 -1.479 0.139

L24.Temp 0.165112 0.111625 1.479 0.139

L24.Precip. horaria 0.008073 0.005051 1.598 0.110

L24.Temp. prom aire -0.000143 0.000562 -0.253 0.800

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.011730 0.006602 1.777 0.076

L1.Conduct -0.516611 0.131853 -3.918 0.000

L1.Water 0.367476 0.097705 3.761 0.000

L1.Temp 3.364341 0.056422 59.628 0.000

L1.Precip. horaria 0.001414 0.003925 0.360 0.719

L1.Temp. prom aire 0.000565 0.000419 1.350 0.177

L2.Conduct 1.979531 0.518497 3.818 0.000

L2.Water -1.448865 0.403428 -3.591 0.000

L2.Temp -4.393737 0.205903 -21.339 0.000

L2.Precip. horaria -0.000508 0.004044 -0.126 0.900

L2.Temp. prom aire 0.000619 0.000446 1.387 0.165

L3.Conduct -3.268781 0.988176 -3.308 0.001

L3.Water 2.443513 0.820323 2.979 0.003

L3.Temp 2.892882 0.352332 8.211 0.000

L3.Precip. horaria 0.000013 0.004030 0.003 0.997

L3.Temp. prom aire -0.001042 0.000448 -2.329 0.020

L4.Conduct 3.213747 1.314772 2.444 0.015

L4.Water -2.450153 1.173202 -2.088 0.037

L4.Temp -1.187652 0.428353 -2.773 0.006

L4.Precip. horaria 0.006054 0.004052 1.494 0.135

L4.Temp. prom aire -0.000447 0.000448 -0.997 0.319

L5.Conduct -2.380243 1.471026 -1.618 0.106

L5.Water 1.901635 1.390767 1.367 0.172

L5.Temp 0.529265 0.457195 1.158 0.247

L5.Precip. horaria 0.002016 0.004049 0.498 0.619

L5.Temp. prom aire -0.000044 0.000452 -0.097 0.922

L6.Conduct 1.703632 1.524942 1.117 0.264

L6.Water -1.453874 1.487957 -0.977 0.329

L6.Temp -0.333221 0.462512 -0.720 0.471

L6.Precip. horaria 0.000372 0.004040 0.092 0.927

L6.Temp. prom aire 0.000342 0.000451 0.758 0.448

L7.Conduct -1.155470 1.539733 -0.750 0.453

L7.Water 0.933324 1.525351 0.612 0.541

L7.Temp -0.650724 0.520383 -1.250 0.211

L7.Precip. horaria -0.000484 0.004094 -0.118 0.906

L7.Temp. prom aire 0.000322 0.000447 0.719 0.472

L8.Conduct 0.008139 1.576095 0.005 0.996

L8.Water 0.269262 1.562801 0.172 0.863

L8.Temp 2.549468 0.726049 3.511 0.000

L8.Precip. horaria 0.002024 0.004104 0.493 0.622

L8.Temp. prom aire 0.000050 0.000450 0.111 0.911

L9.Conduct 1.859548 1.717315 1.083 0.279

L9.Water -2.221156 1.662610 -1.336 0.182

L9.Temp -3.168612 0.994461 -3.186 0.001

L9.Precip. horaria -0.001828 0.004116 -0.444 0.657

L9.Temp. prom aire -0.000055 0.000449 -0.123 0.902

L10.Conduct -3.268441 1.902310 -1.718 0.086

L10.Water 3.825985 1.819125 2.103 0.035

L10.Temp 2.070915 1.197696 1.729 0.084

L10.Precip. horaria -0.006346 0.004199 -1.511 0.131

L10.Temp. prom aire 0.000098 0.000454 0.215 0.829

L11.Conduct 3.725516 2.000845 1.862 0.063

L11.Water -4.454478 1.944343 -2.291 0.022

L11.Temp -1.000700 1.293686 -0.774 0.439

L11.Precip. horaria 0.004102 0.004128 0.994 0.320

L11.Temp. prom aire 0.000116 0.000448 0.260 0.795

L12.Conduct -3.755238 2.016378 -1.862 0.063

L12.Water 4.646222 1.996860 2.327 0.020

L12.Temp 0.725501 1.309491 0.554 0.580

L12.Precip. horaria 0.000519 0.003979 0.130 0.896

L12.Temp. prom aire -0.000767 0.000446 -1.718 0.086

L13.Conduct 3.458269 1.964477 1.760 0.078

L13.Water -4.544416 1.958760 -2.320 0.020

L13.Temp -1.402580 1.281003 -1.095 0.274

L13.Precip. horaria 0.000672 0.004028 0.167 0.867

L13.Temp. prom aire 0.000324 0.000449 0.722 0.470

L14.Conduct -3.084500 1.849705 -1.668 0.095

L14.Water 4.013321 1.833550 2.189 0.029

L14.Temp 1.785132 1.234237 1.446 0.148

L14.Precip. horaria 0.003117 0.004169 0.748 0.455

L14.Temp. prom aire 0.000236 0.000447 0.529 0.597

L15.Conduct 2.386067 1.682114 1.418 0.156

L15.Water -2.692573 1.655464 -1.626 0.104

L15.Temp -0.454098 1.179874 -0.385 0.700

L15.Precip. horaria 0.003626 0.004190 0.865 0.387

L15.Temp. prom aire -0.000931 0.000444 -2.098 0.036

L16.Conduct -0.668278 1.521269 -0.439 0.660

L16.Water 0.169462 1.505887 0.113 0.910

L16.Temp -0.964541 1.135550 -0.849 0.396

L16.Precip. horaria 0.002861 0.004278 0.669 0.504

L16.Temp. prom aire -0.000134 0.000444 -0.302 0.763

L17.Conduct -1.235476 1.472765 -0.839 0.402

L17.Water 2.434682 1.462990 1.664 0.096

L17.Temp 0.965926 1.145807 0.843 0.399

L17.Precip. horaria 0.002618 0.004259 0.615 0.539

L17.Temp. prom aire -0.000105 0.000442 -0.237 0.812

L18.Conduct 2.163582 1.490991 1.451 0.147

L18.Water -3.746336 1.468462 -2.551 0.011

L18.Temp -0.599787 1.173661 -0.511 0.609

L18.Precip. horaria 0.003601 0.004173 0.863 0.388

L18.Temp. prom aire -0.000239 0.000441 -0.542 0.588

L19.Conduct -2.224145 1.483894 -1.499 0.134

L19.Water 3.967941 1.431348 2.772 0.006

L19.Temp 1.060837 1.173584 0.904 0.366

L19.Precip. horaria -0.001624 0.004202 -0.386 0.699

L19.Temp. prom aire -0.000183 0.000441 -0.414 0.679

L20.Conduct 2.042039 1.413291 1.445 0.148

L20.Water -3.788268 1.311694 -2.888 0.004

L20.Temp -2.139706 1.128749 -1.896 0.058

L20.Precip. horaria -0.002945 0.004223 -0.698 0.485

L20.Temp. prom aire 0.001268 0.000440 2.881 0.004

L21.Conduct -2.015527 1.243197 -1.621 0.105

L21.Water 3.491287 1.090512 3.202 0.001

L21.Temp 2.348171 0.995126 2.360 0.018

L21.Precip. horaria -0.006661 0.004124 -1.615 0.106

L21.Temp. prom aire -0.000427 0.000457 -0.934 0.350

L22.Conduct 1.778314 0.911540 1.951 0.051

L22.Water -2.777314 0.752307 -3.692 0.000

L22.Temp -1.243918 0.725165 -1.715 0.086

L22.Precip. horaria -0.002975 0.004157 -0.716 0.474

L22.Temp. prom aire 0.000348 0.000462 0.753 0.452

L23.Conduct -0.956638 0.456447 -2.096 0.036

L23.Water 1.444312 0.358958 4.024 0.000

L23.Temp 0.243244 0.361595 0.673 0.501

L23.Precip. horaria 0.005353 0.004112 1.302 0.193

L23.Temp. prom aire -0.001038 0.000461 -2.251 0.024

L24.Conduct 0.210712 0.108326 1.945 0.052

L24.Water -0.331147 0.082651 -4.007 0.000

L24.Temp 0.003698 0.086055 0.043 0.966

L24.Precip. horaria 0.000408 0.003894 0.105 0.917

L24.Temp. prom aire 0.000253 0.000434 0.584 0.559

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.093284 0.090879 -1.026 0.305

L1.Conduct 0.706454 1.814894 0.389 0.697

L1.Water -3.225668 1.344861 -2.399 0.016

L1.Temp -1.107127 0.776619 -1.426 0.154

L1.Precip. horaria 0.254573 0.054027 4.712 0.000

L1.Temp. prom aire 0.004318 0.005761 0.749 0.454

L2.Conduct -6.903043 7.136850 -0.967 0.333

L2.Water 17.576350 5.552987 3.165 0.002

L2.Temp 2.609531 2.834149 0.921 0.357

L2.Precip. horaria 0.084982 0.055663 1.527 0.127

L2.Temp. prom aire -0.004560 0.006142 -0.743 0.458

L3.Conduct 19.025327 13.601753 1.399 0.162

L3.Water -38.651836 11.291339 -3.423 0.001

L3.Temp -1.664886 4.849675 -0.343 0.731

L3.Precip. horaria -0.015321 0.055466 -0.276 0.782

L3.Temp. prom aire 0.002946 0.006162 0.478 0.633

L4.Conduct -21.985398 18.097182 -1.215 0.224

L4.Water 41.678208 16.148533 2.581 0.010

L4.Temp -0.507147 5.896058 -0.086 0.931

L4.Precip. horaria -0.074072 0.055779 -1.328 0.184

L4.Temp. prom aire 0.001558 0.006163 0.253 0.800

L5.Conduct 4.458840 20.247942 0.220 0.826

L5.Water -8.342851 19.143204 -0.436 0.663

L5.Temp 2.002729 6.293058 0.318 0.750

L5.Precip. horaria 0.165597 0.055736 2.971 0.003

L5.Temp. prom aire -0.008073 0.006219 -1.298 0.194

L6.Conduct 23.938991 20.990063 1.140 0.254

L6.Water -46.271263 20.480983 -2.259 0.024

L6.Temp -2.136045 6.366240 -0.336 0.737

L6.Precip. horaria -0.233882 0.055606 -4.206 0.000

L6.Temp. prom aire -0.002336 0.006203 -0.377 0.707

L7.Conduct -47.880305 21.193650 -2.259 0.024

L7.Water 85.602856 20.995690 4.077 0.000

L7.Temp -2.881490 7.162814 -0.402 0.687

L7.Precip. horaria 0.170301 0.056349 3.022 0.003

L7.Temp. prom aire 0.003841 0.006154 0.624 0.533

L8.Conduct 60.734097 21.694158 2.800 0.005

L8.Water -93.019563 21.511170 -4.324 0.000

L8.Temp 13.280004 9.993698 1.329 0.184

L8.Precip. horaria -0.000867 0.056485 -0.015 0.988

L8.Temp. prom aire -0.005927 0.006192 -0.957 0.338

L9.Conduct -64.645244 23.637980 -2.735 0.006

L9.Water 83.039995 22.884993 3.629 0.000

L9.Temp -23.511663 13.688256 -1.718 0.086

L9.Precip. horaria 0.003174 0.056651 0.056 0.955

L9.Temp. prom aire 0.013105 0.006181 2.120 0.034

L10.Conduct 60.086837 26.184348 2.295 0.022

L10.Water -68.237779 25.039346 -2.725 0.006

L10.Temp 30.045013 16.485689 1.822 0.068

L10.Precip. horaria 0.050179 0.057795 0.868 0.385

L10.Temp. prom aire -0.001681 0.006248 -0.269 0.788

L11.Conduct -46.011613 27.540623 -1.671 0.095

L11.Water 47.683470 26.762908 1.782 0.075

L11.Temp -32.286494 17.806945 -1.813 0.070

L11.Precip. horaria -0.046864 0.056826 -0.825 0.410

L11.Temp. prom aire -0.008600 0.006165 -1.395 0.163

L12.Conduct 31.334434 27.754432 1.129 0.259

L12.Water -23.956801 27.485774 -0.872 0.383

L12.Temp 32.006067 18.024489 1.776 0.076

L12.Precip. horaria -0.293980 0.054763 -5.368 0.000

L12.Temp. prom aire 0.005201 0.006144 0.846 0.397

L13.Conduct -22.234356 27.040045 -0.822 0.411

L13.Water 4.174558 26.961344 0.155 0.877

L13.Temp -28.463347 17.632359 -1.614 0.106

L13.Precip. horaria 0.306957 0.055439 5.537 0.000

L13.Temp. prom aire -0.001781 0.006177 -0.288 0.773

L14.Conduct 13.383980 25.460264 0.526 0.599

L14.Water 7.499866 25.237896 0.297 0.766

L14.Temp 14.815729 16.988654 0.872 0.383

L14.Precip. horaria -0.021202 0.057385 -0.369 0.712

L14.Temp. prom aire 0.010887 0.006146 1.771 0.076

L15.Conduct -1.768768 23.153459 -0.076 0.939

L15.Water -13.383279 22.786638 -0.587 0.557

L15.Temp 7.628502 16.240380 0.470 0.639

L15.Precip. horaria -0.093153 0.057680 -1.615 0.106

L15.Temp. prom aire 0.002562 0.006106 0.420 0.675

L16.Conduct -11.028861 20.939499 -0.527 0.598

L16.Water 19.941400 20.727774 0.962 0.336

L16.Temp -26.802549 15.630279 -1.715 0.086

L16.Precip. horaria 0.050904 0.058888 0.864 0.387

L16.Temp. prom aire -0.004493 0.006113 -0.735 0.462

L17.Conduct 21.364489 20.271875 1.054 0.292

L17.Water -28.133096 20.137321 -1.397 0.162

L17.Temp 34.887332 15.771464 2.212 0.027

L17.Precip. horaria -0.009167 0.058625 -0.156 0.876

L17.Temp. prom aire 0.006254 0.006085 1.028 0.304

L18.Conduct -29.664461 20.522741 -1.445 0.148

L18.Water 35.621610 20.212647 1.762 0.078

L18.Temp -32.379578 16.154855 -2.004 0.045

L18.Precip. horaria 0.053467 0.057444 0.931 0.352

L18.Temp. prom aire 0.000100 0.006071 0.016 0.987

L19.Conduct 41.850261 20.425061 2.049 0.040

L19.Water -41.851194 19.701783 -2.124 0.034

L19.Temp 24.865571 16.153797 1.539 0.124

L19.Precip. horaria 0.076435 0.057840 1.321 0.186

L19.Temp. prom aire 0.004137 0.006070 0.682 0.496

L20.Conduct -53.507749 19.453245 -2.751 0.006

L20.Water 43.808206 18.054813 2.426 0.015

L20.Temp -16.094204 15.536665 -1.036 0.300

L20.Precip. horaria -0.042985 0.058122 -0.740 0.460

L20.Temp. prom aire 0.006938 0.006060 1.145 0.252

L21.Conduct 53.709263 17.111986 3.139 0.002

L21.Water -39.449102 15.010346 -2.628 0.009

L21.Temp 5.998957 13.697414 0.438 0.661

L21.Precip. horaria -0.035645 0.056770 -0.628 0.530

L21.Temp. prom aire 0.008694 0.006297 1.381 0.167

L22.Conduct -40.147053 12.546887 -3.200 0.001

L22.Water 29.080965 10.355131 2.808 0.005

L22.Temp 1.193797 9.981527 0.120 0.905

L22.Precip. horaria -0.032950 0.057213 -0.576 0.565

L22.Temp. prom aire -0.000261 0.006363 -0.041 0.967

L23.Conduct 19.623140 6.282765 3.123 0.002

L23.Water -14.518564 4.940882 -2.938 0.003

L23.Temp -2.115996 4.977180 -0.425 0.671

L23.Precip. horaria -0.080411 0.056601 -1.421 0.155

L23.Temp. prom aire -0.000679 0.006348 -0.107 0.915

L24.Conduct -4.464447 1.491051 -2.994 0.003

L24.Water 3.352230 1.137650 2.947 0.003

L24.Temp 0.595724 1.184500 0.503 0.615

L24.Precip. horaria -0.073855 0.053598 -1.378 0.168

L24.Temp. prom aire 0.007110 0.005969 1.191 0.234

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.656091 0.853893 1.939 0.052

L1.Conduct 1.754899 17.052664 0.103 0.918

L1.Water -2.997429 12.636252 -0.237 0.812

L1.Temp -2.327579 7.297080 -0.319 0.750

L1.Precip. horaria 0.108669 0.507636 0.214 0.830

L1.Temp. prom aire 0.380113 0.054134 7.022 0.000

L2.Conduct -10.073661 67.057528 -0.150 0.881

L2.Water 8.408442 52.175621 0.161 0.872

L2.Temp 4.868277 26.629543 0.183 0.855

L2.Precip. horaria -0.231355 0.523005 -0.442 0.658

L2.Temp. prom aire 0.101526 0.057706 1.759 0.079

L3.Conduct 14.472651 127.801470 0.113 0.910

L3.Water 7.469281 106.092920 0.070 0.944

L3.Temp 11.259433 45.567337 0.247 0.805

L3.Precip. horaria -0.636325 0.521157 -1.221 0.222

L3.Temp. prom aire 0.043064 0.057901 0.744 0.457

L4.Conduct 30.687351 170.040325 0.180 0.857

L4.Water -73.285224 151.730904 -0.483 0.629

L4.Temp -12.022763 55.399106 -0.217 0.828

L4.Precip. horaria 0.065788 0.524097 0.126 0.900

L4.Temp. prom aire 0.000300 0.057910 0.005 0.996

L5.Conduct -99.917888 190.248774 -0.525 0.599

L5.Water 145.790547 179.868707 0.811 0.418

L5.Temp -31.365229 59.129298 -0.530 0.596

L5.Precip. horaria -0.264111 0.523696 -0.504 0.614

L5.Temp. prom aire -0.041950 0.058430 -0.718 0.473

L6.Conduct 96.373799 197.221712 0.489 0.625

L6.Water -146.976155 192.438417 -0.764 0.445

L6.Temp 30.094488 59.816907 0.503 0.615

L6.Precip. horaria -0.128434 0.522474 -0.246 0.806

L6.Temp. prom aire -0.074111 0.058286 -1.272 0.204

L7.Conduct -33.542760 199.134604 -0.168 0.866

L7.Water 84.553999 197.274582 0.429 0.668

L7.Temp 39.084888 67.301481 0.581 0.561

L7.Precip. horaria -0.141258 0.529451 -0.267 0.790

L7.Temp. prom aire 0.191456 0.057825 3.311 0.001

L8.Conduct 4.621898 203.837359 0.023 0.982

L8.Water -18.882593 202.118007 -0.093 0.926

L8.Temp -79.742256 93.900349 -0.849 0.396

L8.Precip. horaria -0.087139 0.530727 -0.164 0.870

L8.Temp. prom aire -0.029056 0.058177 -0.499 0.617

L9.Conduct -54.449013 222.101419 -0.245 0.806

L9.Water -5.679522 215.026391 -0.026 0.979

L9.Temp 79.997014 128.614256 0.622 0.534

L9.Precip. horaria 0.151164 0.532295 0.284 0.776

L9.Temp. prom aire -0.132208 0.058077 -2.276 0.023

L10.Conduct 149.660231 246.026981 0.608 0.543

L10.Water -11.595935 235.268596 -0.049 0.961

L10.Temp -89.801749 154.898812 -0.580 0.562

L10.Precip. horaria 1.074237 0.543035 1.978 0.048

L10.Temp. prom aire -0.032642 0.058711 -0.556 0.578

L11.Conduct -211.736201 258.770484 -0.818 0.413

L11.Water 28.873439 251.463102 0.115 0.909

L11.Temp 106.893423 167.313276 0.639 0.523

L11.Precip. horaria 0.824876 0.533935 1.545 0.122

L11.Temp. prom aire -0.034112 0.057927 -0.589 0.556

L12.Conduct 208.777012 260.779427 0.801 0.423

L12.Water -30.811369 258.255123 -0.119 0.905

L12.Temp -101.014209 169.357308 -0.596 0.551

L12.Precip. horaria -0.315154 0.514553 -0.612 0.540

L12.Temp. prom aire -0.018556 0.057732 -0.321 0.748

L13.Conduct -157.676262 254.067074 -0.621 0.535

L13.Water 25.436548 253.327602 0.100 0.920

L13.Temp 77.066136 165.672874 0.465 0.642

L13.Precip. horaria -0.053386 0.520905 -0.102 0.918

L13.Temp. prom aire 0.035718 0.058037 0.615 0.538

L14.Conduct 101.163136 239.223523 0.423 0.672

L14.Water -16.812811 237.134159 -0.071 0.943

L14.Temp -76.178958 159.624647 -0.477 0.633

L14.Precip. horaria -0.275173 0.539189 -0.510 0.610

L14.Temp. prom aire 0.046105 0.057749 0.798 0.425

L15.Conduct -88.636114 217.548887 -0.407 0.684

L15.Water 7.353416 214.102251 0.034 0.973

L15.Temp 63.138869 152.593892 0.414 0.679

L15.Precip. horaria -0.356467 0.541955 -0.658 0.511

L15.Temp. prom aire -0.003955 0.057367 -0.069 0.945

L16.Conduct 68.133088 196.746615 0.346 0.729

L16.Water 34.701170 194.757253 0.178 0.859

L16.Temp 24.379492 146.861417 0.166 0.868

L16.Precip. horaria 0.393240 0.553310 0.711 0.477

L16.Temp. prom aire -0.070024 0.057437 -1.219 0.223

L17.Conduct 39.683028 190.473642 0.208 0.835

L17.Water -111.991392 189.209380 -0.592 0.554

L17.Temp -125.281190 148.187982 -0.845 0.398

L17.Precip. horaria 0.810647 0.550836 1.472 0.141

L17.Temp. prom aire 0.097040 0.057172 1.697 0.090

L18.Conduct -146.635431 192.830769 -0.760 0.447

L18.Water 145.281925 189.917139 0.765 0.444

L18.Temp 180.036430 151.790304 1.186 0.236

L18.Precip. horaria 0.124728 0.539739 0.231 0.817

L18.Temp. prom aire -0.010321 0.057046 -0.181 0.856

L19.Conduct 124.164510 191.912977 0.647 0.518

L19.Water -98.260784 185.117088 -0.531 0.596

L19.Temp -218.826416 151.780370 -1.442 0.149

L19.Precip. horaria 0.407462 0.543464 0.750 0.453

L19.Temp. prom aire -0.017972 0.057035 -0.315 0.753

L20.Conduct -28.560097 182.781835 -0.156 0.876

L20.Water 35.729865 169.642227 0.211 0.833

L20.Temp 237.913148 145.981820 1.630 0.103

L20.Precip. horaria -0.131068 0.546112 -0.240 0.810

L20.Temp. prom aire -0.077464 0.056941 -1.360 0.174

L21.Conduct 6.980486 160.783467 0.043 0.965

L21.Water -31.648227 141.036549 -0.224 0.822

L21.Temp -197.876696 128.700303 -1.537 0.124

L21.Precip. horaria -0.088528 0.533411 -0.166 0.868

L21.Temp. prom aire 0.076777 0.059166 1.298 0.194

L22.Conduct -60.078988 117.890001 -0.510 0.610

L22.Water 66.595625 97.296356 0.684 0.494

L22.Temp 111.722823 93.785986 1.191 0.234

L22.Precip. horaria 0.269816 0.537570 0.502 0.616

L22.Temp. prom aire 0.015896 0.059790 0.266 0.790

L23.Conduct 68.276563 59.032585 1.157 0.247

L23.Water -60.474741 46.424308 -1.303 0.193

L23.Temp -36.310661 46.765363 -0.776 0.437

L23.Precip. horaria -0.274964 0.531820 -0.517 0.605

L23.Temp. prom aire 0.080905 0.059650 1.356 0.175

L24.Conduct -23.354979 14.009854 -1.667 0.096

L24.Water 19.215508 10.689310 1.798 0.072

L24.Temp 4.614262 11.129510 0.415 0.678

L24.Precip. horaria -0.259966 0.503604 -0.516 0.606

L24.Temp. prom aire -0.134827 0.056081 -2.404 0.016

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.891749 0.166010 -0.135280 0.022285

Water 0.891749 1.000000 -0.003788 -0.148596 0.019915

Temp 0.166010 -0.003788 1.000000 0.028189 0.002032

Precip. horaria -0.135280 -0.148596 0.028189 1.000000 0.127964

Temp. prom aire 0.022285 0.019915 0.002032 0.127964 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.4064

Nobs: 464.000 HQIC: -26.6795

Log likelihood: 3995.66 FPE: 3.29028e-13

AIC: -28.8043 Det(Omega\_mle): 1.03287e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.042974 0.019231 2.235 0.025

L1.Conduct 4.648511 0.088451 52.555 0.000

L1.Water -0.924351 0.244389 -3.782 0.000

L1.Temp -0.553105 0.074430 -7.431 0.000

L1.Precip. horaria -0.004694 0.004925 -0.953 0.341

L1.Temp. prom aire -0.000184 0.000583 -0.316 0.752

L2.Conduct -9.755605 0.414501 -23.536 0.000

L2.Water 4.126348 1.094168 3.771 0.000

L2.Temp 2.319569 0.282203 8.219 0.000

L2.Precip. horaria 0.000124 0.004902 0.025 0.980

L2.Temp. prom aire 0.000753 0.000614 1.228 0.220

L3.Conduct 12.690413 0.937816 13.532 0.000

L3.Water -8.141306 2.357591 -3.453 0.001

L3.Temp -4.302252 0.513786 -8.374 0.000

L3.Precip. horaria 0.002338 0.004770 0.490 0.624

L3.Temp. prom aire -0.000876 0.000614 -1.426 0.154

L4.Conduct -12.125521 1.435165 -8.449 0.000

L4.Water 10.289133 3.447286 2.985 0.003

L4.Temp 4.776490 0.668635 7.144 0.000

L4.Precip. horaria 0.003921 0.004886 0.802 0.422

L4.Temp. prom aire -0.000014 0.000614 -0.022 0.982

L5.Conduct 9.696421 1.750831 5.538 0.000

L5.Water -10.672573 4.043909 -2.639 0.008

L5.Temp -3.673011 0.752702 -4.880 0.000

L5.Precip. horaria 0.000194 0.004875 0.040 0.968

L5.Temp. prom aire -0.000070 0.000612 -0.114 0.909

L6.Conduct -7.025608 1.863051 -3.771 0.000

L6.Water 10.539651 4.164044 2.531 0.011

L6.Temp 2.115824 0.803606 2.633 0.008

L6.Precip. horaria -0.000000 0.004941 -0.000 1.000

L6.Temp. prom aire -0.000085 0.000613 -0.139 0.890

L7.Conduct 3.729010 1.798439 2.073 0.038

L7.Water -10.325974 3.922645 -2.632 0.008

L7.Temp -0.824126 0.914140 -0.902 0.367

L7.Precip. horaria 0.000799 0.004945 0.162 0.872

L7.Temp. prom aire 0.000930 0.000611 1.521 0.128

L8.Conduct 1.032389 1.602033 0.644 0.519

L8.Water 9.313350 3.523577 2.643 0.008

L8.Temp -0.350191 1.153903 -0.303 0.762

L8.Precip. horaria 0.001067 0.004961 0.215 0.830

L8.Temp. prom aire -0.001036 0.000618 -1.678 0.093

L9.Conduct -5.311318 1.430942 -3.712 0.000

L9.Water -7.064864 3.359411 -2.103 0.035

L9.Temp 1.671365 1.442195 1.159 0.246

L9.Precip. horaria 0.001546 0.004916 0.314 0.753

L9.Temp. prom aire 0.000286 0.000610 0.468 0.639

L10.Conduct 6.555850 1.508521 4.346 0.000

L10.Water 5.395688 3.692507 1.461 0.144

L10.Temp -2.542987 1.651934 -1.539 0.124

L10.Precip. horaria 0.007251 0.004880 1.486 0.137

L10.Temp. prom aire -0.000526 0.000610 -0.862 0.389

L11.Conduct -5.320926 1.748521 -3.043 0.002

L11.Water -4.712614 4.260172 -1.106 0.269

L11.Temp 2.251101 1.734124 1.298 0.194

L11.Precip. horaria -0.008613 0.004894 -1.760 0.078

L11.Temp. prom aire 0.001097 0.000605 1.812 0.070

L12.Conduct 3.725709 1.921201 1.939 0.052

L12.Water 3.158273 4.695928 0.673 0.501

L12.Temp -1.091687 1.728281 -0.632 0.528

L12.Precip. horaria -0.000290 0.004893 -0.059 0.953

L12.Temp. prom aire -0.000573 0.000609 -0.942 0.346

L13.Conduct -3.353082 1.917511 -1.749 0.080

L13.Water -0.441378 4.794371 -0.092 0.927

L13.Temp 0.098677 1.679459 0.059 0.953

L13.Precip. horaria -0.004579 0.004979 -0.920 0.358

L13.Temp. prom aire 0.000365 0.000612 0.596 0.551

L14.Conduct 3.995739 1.707037 2.341 0.019

L14.Water -3.140354 4.472038 -0.702 0.483

L14.Temp -0.081588 1.607877 -0.051 0.960

L14.Precip. horaria 0.018993 0.004948 3.838 0.000

L14.Temp. prom aire -0.000661 0.000613 -1.077 0.281

L15.Conduct -3.739497 1.297324 -2.882 0.004

L15.Water 6.685011 3.793054 1.762 0.078

L15.Temp 0.682833 1.521717 0.449 0.654

L15.Precip. horaria 0.003476 0.005020 0.692 0.489

L15.Temp. prom aire 0.001162 0.000616 1.887 0.059

L16.Conduct 2.150437 0.790314 2.721 0.007

L16.Water -7.814823 3.103515 -2.518 0.012

L16.Temp -0.867327 1.456881 -0.595 0.552

L16.Precip. horaria 0.008105 0.004851 1.671 0.095

L16.Temp. prom aire -0.000370 0.000620 -0.597 0.550

L17.Conduct -0.706169 0.408082 -1.730 0.084

L17.Water 6.213462 2.798157 2.221 0.026

L17.Temp 0.521463 1.484370 0.351 0.725

L17.Precip. horaria -0.007187 0.004838 -1.485 0.137

L17.Temp. prom aire 0.001195 0.000617 1.936 0.053

L18.Conduct 0.333734 0.284895 1.171 0.241

L18.Water -4.325496 2.757421 -1.569 0.117

L18.Temp -0.403597 1.545428 -0.261 0.794

L18.Precip. horaria 0.005006 0.004875 1.027 0.304

L18.Temp. prom aire -0.000655 0.000621 -1.056 0.291

L19.Conduct -0.648892 0.267289 -2.428 0.015

L19.Water 4.152185 2.732392 1.520 0.129

L19.Temp 0.721777 1.554180 0.464 0.642

L19.Precip. horaria -0.010871 0.004890 -2.223 0.026

L19.Temp. prom aire 0.000553 0.000623 0.887 0.375

L20.Conduct 0.506074 0.255152 1.983 0.047

L20.Water -4.845352 2.579853 -1.878 0.060

L20.Temp -0.846506 1.475109 -0.574 0.566

L20.Precip. horaria 0.003233 0.004881 0.662 0.508

L20.Temp. prom aire 0.000124 0.000622 0.200 0.842

L21.Conduct 0.261613 0.232117 1.127 0.260

L21.Water 3.879408 2.169231 1.788 0.074

L21.Temp 0.406981 1.263968 0.322 0.747

L21.Precip. horaria -0.002800 0.004784 -0.585 0.558

L21.Temp. prom aire -0.000014 0.000630 -0.022 0.982

L22.Conduct -0.595191 0.201314 -2.957 0.003

L22.Water -1.428137 1.462778 -0.976 0.329

L22.Temp 0.088236 0.891848 0.099 0.921

L22.Precip. horaria 0.010895 0.004787 2.276 0.023

L22.Temp. prom aire 0.000426 0.000638 0.667 0.505

L23.Conduct 0.304258 0.129118 2.356 0.018

L23.Water -0.033680 0.668092 -0.050 0.960

L23.Temp -0.169396 0.433800 -0.390 0.696

L23.Precip. horaria -0.005982 0.004785 -1.250 0.211

L23.Temp. prom aire 0.000149 0.000645 0.232 0.817

L24.Conduct -0.048992 0.036766 -1.333 0.183

L24.Water 0.117882 0.147143 0.801 0.423

L24.Temp 0.049231 0.101824 0.483 0.629

L24.Precip. horaria 0.005040 0.004780 1.054 0.292

L24.Temp. prom aire -0.000057 0.000606 -0.095 0.925

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.013640 0.007257 1.879 0.060

L1.Conduct 0.036475 0.033379 1.093 0.274

L1.Water 4.132324 0.092226 44.807 0.000

L1.Temp -0.242235 0.028088 -8.624 0.000

L1.Precip. horaria -0.002956 0.001859 -1.590 0.112

L1.Temp. prom aire 0.000005 0.000220 0.022 0.982

L2.Conduct -0.111442 0.156421 -0.712 0.476

L2.Water -7.494131 0.412909 -18.150 0.000

L2.Temp 1.034056 0.106496 9.710 0.000

L2.Precip. horaria 0.000302 0.001850 0.163 0.870

L2.Temp. prom aire 0.000381 0.000232 1.645 0.100

L3.Conduct 0.113461 0.353906 0.321 0.749

L3.Water 8.246237 0.889690 9.269 0.000

L3.Temp -1.958605 0.193889 -10.102 0.000

L3.Precip. horaria 0.000848 0.001800 0.471 0.638

L3.Temp. prom aire -0.000288 0.000232 -1.240 0.215

L4.Conduct -0.049996 0.541592 -0.092 0.926

L4.Water -6.460824 1.300911 -4.966 0.000

L4.Temp 2.228318 0.252325 8.831 0.000

L4.Precip. horaria 0.001669 0.001844 0.905 0.365

L4.Temp. prom aire -0.000154 0.000232 -0.665 0.506

L5.Conduct 0.118558 0.660715 0.179 0.858

L5.Water 3.829765 1.526060 2.510 0.012

L5.Temp -1.793523 0.284049 -6.314 0.000

L5.Precip. horaria 0.003461 0.001840 1.881 0.060

L5.Temp. prom aire -0.000094 0.000231 -0.405 0.685

L6.Conduct -0.438256 0.703064 -0.623 0.533

L6.Water -1.284033 1.571395 -0.817 0.414

L6.Temp 1.195927 0.303259 3.944 0.000

L6.Precip. horaria 0.000558 0.001864 0.299 0.765

L6.Temp. prom aire 0.000004 0.000231 0.016 0.987

L7.Conduct 0.832708 0.678681 1.227 0.220

L7.Water -1.799820 1.480298 -1.216 0.224

L7.Temp -0.688405 0.344971 -1.996 0.046

L7.Precip. horaria 0.002563 0.001866 1.373 0.170

L7.Temp. prom aire 0.000243 0.000231 1.053 0.292

L8.Conduct -1.028271 0.604563 -1.701 0.089

L8.Water 5.764685 1.329701 4.335 0.000

L8.Temp -0.005083 0.435451 -0.012 0.991

L8.Precip. horaria -0.001337 0.001872 -0.714 0.475

L8.Temp. prom aire -0.000338 0.000233 -1.449 0.147

L9.Conduct 1.213511 0.539998 2.247 0.025

L9.Water -9.126898 1.267749 -7.199 0.000

L9.Temp 1.047767 0.544244 1.925 0.054

L9.Precip. horaria -0.000268 0.001855 -0.144 0.885

L9.Temp. prom aire -0.000107 0.000230 -0.466 0.642

L10.Conduct -1.688840 0.569274 -2.967 0.003

L10.Water 10.739685 1.393450 7.707 0.000

L10.Temp -1.942351 0.623394 -3.116 0.002

L10.Precip. horaria 0.000874 0.001842 0.474 0.635

L10.Temp. prom aire -0.000104 0.000230 -0.451 0.652

L11.Conduct 2.087563 0.659844 3.164 0.002

L11.Water -10.468065 1.607671 -6.511 0.000

L11.Temp 2.111703 0.654411 3.227 0.001

L11.Precip. horaria -0.001751 0.001847 -0.948 0.343

L11.Temp. prom aire 0.000451 0.000228 1.973 0.049

L12.Conduct -1.847477 0.725008 -2.548 0.011

L12.Water 8.511310 1.772114 4.803 0.000

L12.Temp -1.610747 0.652206 -2.470 0.014

L12.Precip. horaria -0.003533 0.001846 -1.913 0.056

L12.Temp. prom aire -0.000140 0.000230 -0.610 0.542

L13.Conduct 0.940247 0.723616 1.299 0.194

L13.Water -5.837731 1.809264 -3.227 0.001

L13.Temp 0.955598 0.633781 1.508 0.132

L13.Precip. horaria -0.000610 0.001879 -0.325 0.745

L13.Temp. prom aire 0.000063 0.000231 0.273 0.785

L14.Conduct 0.055527 0.644189 0.086 0.931

L14.Water 3.055424 1.687624 1.810 0.070

L14.Temp -0.500596 0.606768 -0.825 0.409

L14.Precip. horaria 0.006526 0.001867 3.494 0.000

L14.Temp. prom aire -0.000164 0.000231 -0.710 0.478

L15.Conduct -0.425078 0.489574 -0.868 0.385

L15.Water -0.261142 1.431394 -0.182 0.855

L15.Temp 0.075158 0.574254 0.131 0.896

L15.Precip. horaria 0.003075 0.001894 1.624 0.104

L15.Temp. prom aire 0.000215 0.000233 0.924 0.355

L16.Conduct 0.187816 0.298243 0.630 0.529

L16.Water -1.830058 1.171181 -1.563 0.118

L16.Temp 0.560532 0.549787 1.020 0.308

L16.Precip. horaria 0.001539 0.001831 0.841 0.401

L16.Temp. prom aire -0.000205 0.000234 -0.878 0.380

L17.Conduct 0.045430 0.153999 0.295 0.768

L17.Water 2.739195 1.055947 2.594 0.009

L17.Temp -1.123215 0.560160 -2.005 0.045

L17.Precip. horaria 0.000093 0.001826 0.051 0.959

L17.Temp. prom aire 0.000211 0.000233 0.908 0.364

L18.Conduct 0.014036 0.107512 0.131 0.896

L18.Water -2.879003 1.040575 -2.767 0.006

L18.Temp 1.179813 0.583202 2.023 0.043

L18.Precip. horaria 0.004833 0.001840 2.627 0.009

L18.Temp. prom aire -0.000338 0.000234 -1.444 0.149

L19.Conduct -0.174964 0.100868 -1.735 0.083

L19.Water 2.933381 1.031129 2.845 0.004

L19.Temp -0.797370 0.586505 -1.360 0.174

L19.Precip. horaria -0.003040 0.001846 -1.647 0.099

L19.Temp. prom aire 0.000007 0.000235 0.029 0.977

L20.Conduct 0.146724 0.096287 1.524 0.128

L20.Water -2.992253 0.973565 -3.073 0.002

L20.Temp 0.442532 0.556665 0.795 0.427

L20.Precip. horaria 0.001168 0.001842 0.634 0.526

L20.Temp. prom aire 0.000108 0.000235 0.460 0.646

L21.Conduct 0.057569 0.087595 0.657 0.511

L21.Water 2.390184 0.818608 2.920 0.004

L21.Temp -0.355712 0.476987 -0.746 0.456

L21.Precip. horaria 0.000272 0.001805 0.151 0.880

L21.Temp. prom aire -0.000278 0.000238 -1.171 0.242

L22.Conduct -0.165593 0.075970 -2.180 0.029

L22.Water -1.159846 0.552012 -2.101 0.036

L22.Temp 0.325565 0.336559 0.967 0.333

L22.Precip. horaria 0.002959 0.001806 1.638 0.101

L22.Temp. prom aire 0.000310 0.000241 1.288 0.198

L23.Conduct 0.102002 0.048726 2.093 0.036

L23.Water 0.270378 0.252120 1.072 0.284

L23.Temp -0.179485 0.163704 -1.096 0.273

L23.Precip. horaria -0.002103 0.001806 -1.165 0.244

L23.Temp. prom aire 0.000101 0.000243 0.417 0.677

L24.Conduct -0.021707 0.013874 -1.565 0.118

L24.Water -0.019259 0.055528 -0.347 0.729

L24.Temp 0.040157 0.038426 1.045 0.296

L24.Precip. horaria 0.002086 0.001804 1.157 0.247

L24.Temp. prom aire -0.000104 0.000229 -0.456 0.648

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.026003 0.015297 -1.700 0.089

L1.Conduct -0.163060 0.070360 -2.318 0.020

L1.Water 0.159099 0.194403 0.818 0.413

L1.Temp 3.434981 0.059207 58.017 0.000

L1.Precip. horaria -0.000649 0.003918 -0.166 0.868

L1.Temp. prom aire 0.000616 0.000464 1.328 0.184

L2.Conduct 0.741257 0.329722 2.248 0.025

L2.Water -0.976731 0.870375 -1.122 0.262

L2.Temp -4.660378 0.224484 -20.760 0.000

L2.Precip. horaria -0.001974 0.003899 -0.506 0.613

L2.Temp. prom aire 0.000733 0.000488 1.501 0.133

L3.Conduct -1.494836 0.746002 -2.004 0.045

L3.Water 2.716439 1.875387 1.448 0.147

L3.Temp 3.023366 0.408700 7.398 0.000

L3.Precip. horaria 0.001935 0.003794 0.510 0.610

L3.Temp. prom aire -0.000863 0.000489 -1.765 0.078

L4.Conduct 1.789479 1.141627 1.567 0.117

L4.Water -4.549197 2.742204 -1.659 0.097

L4.Temp -0.514940 0.531878 -0.968 0.333

L4.Precip. horaria 0.003913 0.003887 1.007 0.314

L4.Temp. prom aire -0.000418 0.000488 -0.856 0.392

L5.Conduct -1.401008 1.392729 -1.006 0.314

L5.Water 5.180494 3.216798 1.610 0.107

L5.Temp -0.971724 0.598750 -1.623 0.105

L5.Precip. horaria 0.001847 0.003878 0.476 0.634

L5.Temp. prom aire -0.000342 0.000487 -0.704 0.482

L6.Conduct 0.646041 1.481997 0.436 0.663

L6.Water -4.176460 3.312362 -1.261 0.207

L6.Temp 1.431422 0.639243 2.239 0.025

L6.Precip. horaria -0.002147 0.003930 -0.546 0.585

L6.Temp. prom aire -0.000195 0.000488 -0.399 0.690

L7.Conduct 0.099602 1.430599 0.070 0.944

L7.Water 1.987119 3.120336 0.637 0.524

L7.Temp -2.216606 0.727168 -3.048 0.002

L7.Precip. horaria -0.001222 0.003934 -0.311 0.756

L7.Temp. prom aire 0.000610 0.000486 1.255 0.209

L8.Conduct -0.750382 1.274365 -0.589 0.556

L8.Water 0.776845 2.802891 0.277 0.782

L8.Temp 3.675794 0.917892 4.005 0.000

L8.Precip. horaria -0.003306 0.003946 -0.838 0.402

L8.Temp. prom aire -0.000138 0.000491 -0.281 0.779

L9.Conduct 1.418806 1.138268 1.246 0.213

L9.Water -4.128129 2.672302 -1.545 0.122

L9.Temp -3.683605 1.147219 -3.211 0.001

L9.Precip. horaria -0.001777 0.003910 -0.455 0.649

L9.Temp. prom aire -0.000221 0.000485 -0.456 0.649

L10.Conduct -1.829810 1.199980 -1.525 0.127

L10.Water 7.658189 2.937269 2.607 0.009

L10.Temp 1.658621 1.314060 1.262 0.207

L10.Precip. horaria -0.000682 0.003882 -0.176 0.861

L10.Temp. prom aire -0.000203 0.000485 -0.417 0.676

L11.Conduct 1.560203 1.390892 1.122 0.262

L11.Water -9.246743 3.388828 -2.729 0.006

L11.Temp 0.499238 1.379439 0.362 0.717

L11.Precip. horaria 0.000981 0.003893 0.252 0.801

L11.Temp. prom aire 0.000126 0.000481 0.261 0.794

L12.Conduct -0.877533 1.528253 -0.574 0.566

L12.Water 7.766870 3.735458 2.079 0.038

L12.Temp -1.389031 1.374791 -1.010 0.312

L12.Precip. horaria -0.002259 0.003892 -0.580 0.562

L12.Temp. prom aire -0.001200 0.000484 -2.478 0.013

L13.Conduct 0.290419 1.525318 0.190 0.849

L13.Water -4.490406 3.813766 -1.177 0.239

L13.Temp 0.567400 1.335955 0.425 0.671

L13.Precip. horaria -0.002102 0.003961 -0.531 0.596

L13.Temp. prom aire 0.000467 0.000487 0.960 0.337

L14.Conduct 0.039751 1.357892 0.029 0.977

L14.Water 0.951780 3.557361 0.268 0.789

L14.Temp 0.672451 1.279013 0.526 0.599

L14.Precip. horaria 0.001437 0.003936 0.365 0.715

L14.Temp. prom aire 0.000206 0.000488 0.421 0.673

L15.Conduct -0.083348 1.031979 -0.081 0.936

L15.Water 1.443169 3.017251 0.478 0.632

L15.Temp -0.573560 1.210476 -0.474 0.636

L15.Precip. horaria 0.004888 0.003993 1.224 0.221

L15.Temp. prom aire -0.000842 0.000490 -1.717 0.086

L16.Conduct -0.004701 0.628669 -0.007 0.994

L16.Water -1.981803 2.468745 -0.803 0.422

L16.Temp 0.072105 1.158902 0.062 0.950

L16.Precip. horaria 0.002821 0.003859 0.731 0.465

L16.Temp. prom aire -0.000125 0.000493 -0.254 0.799

L17.Conduct 0.047363 0.324616 0.146 0.884

L17.Water 1.308096 2.225843 0.588 0.557

L17.Temp -0.467818 1.180768 -0.396 0.692

L17.Precip. horaria -0.000625 0.003849 -0.162 0.871

L17.Temp. prom aire -0.000634 0.000491 -1.292 0.196

L18.Conduct -0.047197 0.226625 -0.208 0.835

L18.Water -0.291689 2.193439 -0.133 0.894

L18.Temp 0.985470 1.229338 0.802 0.423

L18.Precip. horaria -0.001214 0.003878 -0.313 0.754

L18.Temp. prom aire -0.000646 0.000494 -1.308 0.191

L19.Conduct -0.034087 0.212620 -0.160 0.873

L19.Water -0.386619 2.173529 -0.178 0.859

L19.Temp -0.477781 1.236300 -0.386 0.699

L19.Precip. horaria -0.006721 0.003890 -1.728 0.084

L19.Temp. prom aire 0.000336 0.000496 0.678 0.497

L20.Conduct 0.133460 0.202965 0.658 0.511

L20.Water 0.662815 2.052189 0.323 0.747

L20.Temp -0.974141 1.173401 -0.830 0.406

L20.Precip. horaria -0.004434 0.003883 -1.142 0.253

L20.Temp. prom aire 0.001154 0.000495 2.333 0.020

L21.Conduct -0.091233 0.184642 -0.494 0.621

L21.Water -1.016761 1.725553 -0.589 0.556

L21.Temp 1.859385 1.005445 1.849 0.064

L21.Precip. horaria -0.008812 0.003806 -2.315 0.021

L21.Temp. prom aire -0.000642 0.000501 -1.283 0.200

L22.Conduct -0.020118 0.160139 -0.126 0.900

L22.Water 1.210213 1.163593 1.040 0.298

L22.Temp -1.309054 0.709436 -1.845 0.065

L22.Precip. horaria 0.002315 0.003808 0.608 0.543

L22.Temp. prom aire -0.000165 0.000508 -0.324 0.746

L23.Conduct 0.048605 0.102709 0.473 0.636

L23.Water -0.778861 0.531446 -1.466 0.143

L23.Temp 0.402494 0.345073 1.166 0.243

L23.Precip. horaria -0.004898 0.003806 -1.287 0.198

L23.Temp. prom aire -0.000900 0.000513 -1.756 0.079

L24.Conduct -0.016550 0.029246 -0.566 0.571

L24.Water 0.201731 0.117048 1.723 0.085

L24.Temp -0.041739 0.080998 -0.515 0.606

L24.Precip. horaria -0.002136 0.003803 -0.562 0.574

L24.Temp. prom aire 0.000182 0.000482 0.378 0.705

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.478063 0.214217 -2.232 0.026

L1.Conduct 0.494934 0.985287 0.502 0.615

L1.Water -4.610524 2.722340 -1.694 0.090

L1.Temp -0.305717 0.829106 -0.369 0.712

L1.Precip. horaria 0.035079 0.054865 0.639 0.523

L1.Temp. prom aire 0.000396 0.006498 0.061 0.951

L2.Conduct -0.899538 4.617284 -0.195 0.846

L2.Water 9.089328 12.188363 0.746 0.456

L2.Temp 1.074173 3.143573 0.342 0.733

L2.Precip. horaria -0.081236 0.054600 -1.488 0.137

L2.Temp. prom aire -0.000309 0.006836 -0.045 0.964

L3.Conduct 4.481104 10.446691 0.429 0.668

L3.Water -7.733754 26.262118 -0.294 0.768

L3.Temp -2.247550 5.723263 -0.393 0.695

L3.Precip. horaria 0.230785 0.053136 4.343 0.000

L3.Temp. prom aire -0.004732 0.006844 -0.691 0.489

L4.Conduct -16.283734 15.986852 -1.019 0.308

L4.Water 22.642834 38.400646 0.590 0.555

L4.Temp 3.950054 7.448186 0.530 0.596

L4.Precip. horaria -0.140719 0.054427 -2.585 0.010

L4.Temp. prom aire -0.001334 0.006837 -0.195 0.845

L5.Conduct 29.325980 19.503180 1.504 0.133

L5.Water -50.211305 45.046655 -1.115 0.265

L5.Temp -5.404400 8.384641 -0.645 0.519

L5.Precip. horaria 0.086379 0.054306 1.591 0.112

L5.Temp. prom aire 0.002654 0.006813 0.390 0.697

L6.Conduct -35.172260 20.753245 -1.695 0.090

L6.Water 54.787978 46.384893 1.181 0.238

L6.Temp 6.787982 8.951679 0.758 0.448

L6.Precip. horaria -0.101922 0.055035 -1.852 0.064

L6.Temp. prom aire -0.002859 0.006833 -0.418 0.676

L7.Conduct 35.138345 20.033501 1.754 0.079

L7.Water -42.279968 43.695854 -0.968 0.333

L7.Temp -11.360513 10.182954 -1.116 0.265

L7.Precip. horaria 0.152720 0.055089 2.772 0.006

L7.Temp. prom aire -0.002151 0.006808 -0.316 0.752

L8.Conduct -30.542097 17.845660 -1.711 0.087

L8.Water 34.552167 39.250480 0.880 0.379

L8.Temp 20.020768 12.853773 1.558 0.119

L8.Precip. horaria 0.052990 0.055258 0.959 0.338

L8.Temp. prom aire 0.002071 0.006880 0.301 0.763

L9.Conduct 20.944656 15.939813 1.314 0.189

L9.Water -27.834688 37.421776 -0.744 0.457

L9.Temp -26.693893 16.065161 -1.662 0.097

L9.Precip. horaria 0.209580 0.054756 3.828 0.000

L9.Temp. prom aire 0.008746 0.006793 1.288 0.198

L10.Conduct -8.520184 16.804000 -0.507 0.612

L10.Water 16.029611 41.132257 0.390 0.697

L10.Temp 26.506962 18.401528 1.440 0.150

L10.Precip. horaria -0.137590 0.054365 -2.531 0.011

L10.Temp. prom aire -0.005743 0.006796 -0.845 0.398

L11.Conduct -1.506168 19.477449 -0.077 0.938

L11.Water -2.918612 47.455695 -0.062 0.951

L11.Temp -23.274610 19.317078 -1.205 0.228

L11.Precip. horaria -0.109187 0.054516 -2.003 0.045

L11.Temp. prom aire -0.009687 0.006742 -1.437 0.151

L12.Conduct 6.211554 21.401001 0.290 0.772

L12.Water -2.254062 52.309751 -0.043 0.966

L12.Temp 22.635769 19.251986 1.176 0.240

L12.Precip. horaria -0.106428 0.054500 -1.953 0.051

L12.Temp. prom aire -0.002601 0.006781 -0.384 0.701

L13.Conduct -7.309475 21.359893 -0.342 0.732

L13.Water -3.558820 53.406349 -0.067 0.947

L13.Temp -23.103494 18.708137 -1.235 0.217

L13.Precip. horaria 0.023490 0.055467 0.423 0.672

L13.Temp. prom aire 0.002224 0.006815 0.326 0.744

L14.Conduct 5.248042 19.015342 0.276 0.783

L14.Water 14.401358 49.815757 0.289 0.773

L14.Temp 17.173194 17.910757 0.959 0.338

L14.Precip. horaria -0.088384 0.055123 -1.603 0.109

L14.Temp. prom aire 0.010016 0.006831 1.466 0.143

L15.Conduct -1.577079 14.451397 -0.109 0.913

L15.Water -24.528551 42.252295 -0.581 0.562

L15.Temp -2.896657 16.950993 -0.171 0.864

L15.Precip. horaria -0.009969 0.055915 -0.178 0.858

L15.Temp. prom aire -0.001466 0.006863 -0.214 0.831

L16.Conduct 0.255169 8.803616 0.029 0.977

L16.Water 26.701471 34.571251 0.772 0.440

L16.Temp -10.891834 16.228764 -0.671 0.502

L16.Precip. horaria -0.090910 0.054037 -1.682 0.092

L16.Temp. prom aire -0.002387 0.006910 -0.345 0.730

L17.Conduct -1.010449 4.545785 -0.222 0.824

L17.Water -18.642433 31.169745 -0.598 0.550

L17.Temp 17.073597 16.534970 1.033 0.302

L17.Precip. horaria 0.007624 0.053896 0.141 0.888

L17.Temp. prom aire 0.003666 0.006873 0.533 0.594

L18.Conduct 2.963755 3.173559 0.934 0.350

L18.Water 8.032732 30.715978 0.262 0.794

L18.Temp -18.777590 17.215117 -1.091 0.275

L18.Precip. horaria 0.004161 0.054299 0.077 0.939

L18.Temp. prom aire 0.004126 0.006917 0.596 0.551

L19.Conduct -7.029494 2.977436 -2.361 0.018

L19.Water 2.723545 30.437169 0.089 0.929

L19.Temp 20.729884 17.312611 1.197 0.231

L19.Precip. horaria 0.088607 0.054476 1.627 0.104

L19.Temp. prom aire -0.000611 0.006943 -0.088 0.930

L20.Conduct 10.216771 2.842235 3.595 0.000

L20.Water -15.128271 28.737977 -0.526 0.599

L20.Temp -20.363144 16.431802 -1.239 0.215

L20.Precip. horaria 0.082483 0.054372 1.517 0.129

L20.Temp. prom aire -0.001164 0.006926 -0.168 0.867

L21.Conduct -8.664593 2.585646 -3.351 0.001

L21.Water 23.852760 24.163905 0.987 0.324

L21.Temp 14.185333 14.079826 1.007 0.314

L21.Precip. horaria -0.065164 0.053294 -1.223 0.221

L21.Temp. prom aire 0.020996 0.007014 2.993 0.003

L22.Conduct 4.168491 2.242517 1.859 0.063

L22.Water -23.325704 16.294453 -1.432 0.152

L22.Temp -6.045312 9.934642 -0.609 0.543

L22.Precip. horaria -0.006071 0.053323 -0.114 0.909

L22.Temp. prom aire -0.022264 0.007110 -3.132 0.002

L23.Conduct -1.050500 1.438297 -0.730 0.465

L23.Water 13.975001 7.442139 1.878 0.060

L23.Temp 1.313038 4.832261 0.272 0.786

L23.Precip. horaria 0.028637 0.053297 0.537 0.591

L23.Temp. prom aire -0.000713 0.007181 -0.099 0.921

L24.Conduct 0.123217 0.409550 0.301 0.764

L24.Water -3.756516 1.639088 -2.292 0.022

L24.Temp -0.076302 1.134256 -0.067 0.946

L24.Precip. horaria -0.050432 0.053249 -0.947 0.344

L24.Temp. prom aire 0.007339 0.006748 1.088 0.277

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.006447 1.778853 0.004 0.997

L1.Conduct 12.329242 8.181792 1.507 0.132

L1.Water -35.384760 22.606227 -1.565 0.118

L1.Temp 3.387893 6.884871 0.492 0.623

L1.Precip. horaria -0.138313 0.455597 -0.304 0.761

L1.Temp. prom aire 0.348380 0.053958 6.456 0.000

L2.Conduct -51.222141 38.341776 -1.336 0.182

L2.Water 145.379614 101.211773 1.436 0.151

L2.Temp -14.960227 26.104128 -0.573 0.567

L2.Precip. horaria -0.871990 0.453397 -1.923 0.054

L2.Temp. prom aire 0.090342 0.056770 1.591 0.112

L3.Conduct 93.797535 86.748990 1.081 0.280

L3.Water -269.356820 218.079783 -1.235 0.217

L3.Temp 40.165531 47.525793 0.845 0.398

L3.Precip. horaria -0.461058 0.441240 -1.045 0.296

L3.Temp. prom aire 0.093599 0.056831 1.647 0.100

L4.Conduct -91.626803 132.754309 -0.690 0.490

L4.Water 303.306547 318.877731 0.951 0.342

L4.Temp -46.967475 61.849500 -0.759 0.448

L4.Precip. horaria 0.038951 0.451957 0.086 0.931

L4.Temp. prom aire 0.003277 0.056778 0.058 0.954

L5.Conduct 38.334157 161.953779 0.237 0.813

L5.Water -256.474231 374.065983 -0.686 0.493

L5.Temp 30.526607 69.625794 0.438 0.661

L5.Precip. horaria -0.268117 0.450954 -0.595 0.552

L5.Temp. prom aire -0.022388 0.056578 -0.396 0.692

L6.Conduct 19.324278 172.334282 0.112 0.911

L6.Water 218.739366 385.178666 0.568 0.570

L6.Temp -65.493082 74.334456 -0.881 0.378

L6.Precip. horaria 0.429158 0.457006 0.939 0.348

L6.Temp. prom aire -0.074365 0.056742 -1.311 0.190

L7.Conduct -45.765107 166.357548 -0.275 0.783

L7.Water -194.796530 362.848973 -0.537 0.591

L7.Temp 133.402097 84.558927 1.578 0.115

L7.Precip. horaria 0.341846 0.457461 0.747 0.455

L7.Temp. prom aire 0.164789 0.056534 2.915 0.004

L8.Conduct 38.432472 148.189790 0.259 0.795

L8.Water 154.304527 325.934727 0.473 0.636

L8.Temp -137.051517 106.737321 -1.284 0.199

L8.Precip. horaria -0.181940 0.458857 -0.397 0.692

L8.Temp. prom aire -0.031333 0.057134 -0.548 0.583

L9.Conduct -17.649337 132.363693 -0.133 0.894

L9.Water -97.545540 310.749226 -0.314 0.754

L9.Temp 92.001582 133.404585 0.690 0.490

L9.Precip. horaria 0.135989 0.454690 0.299 0.765

L9.Temp. prom aire -0.078379 0.056407 -1.390 0.165

L10.Conduct -3.478003 139.539876 -0.025 0.980

L10.Water 13.525045 341.560948 0.040 0.968

L10.Temp -56.266611 152.805695 -0.368 0.713

L10.Precip. horaria 0.441441 0.451446 0.978 0.328

L10.Temp. prom aire -0.048803 0.056436 -0.865 0.387

L11.Conduct 51.416861 161.740114 0.318 0.751

L11.Water 10.570101 394.070573 0.027 0.979

L11.Temp 19.633049 160.408394 0.122 0.903

L11.Precip. horaria 0.697845 0.452702 1.542 0.123

L11.Temp. prom aire -0.046922 0.055983 -0.838 0.402

L12.Conduct -137.322248 177.713225 -0.773 0.440

L12.Water 100.110416 434.378492 0.230 0.818

L12.Temp 38.982336 159.867879 0.244 0.807

L12.Precip. horaria -0.153653 0.452568 -0.340 0.734

L12.Temp. prom aire -0.004419 0.056309 -0.078 0.937

L13.Conduct 223.573799 177.371867 1.260 0.207

L13.Water -235.182819 443.484609 -0.530 0.596

L13.Temp -96.272792 155.351773 -0.620 0.535

L13.Precip. horaria -0.907001 0.460599 -1.969 0.049

L13.Temp. prom aire 0.058883 0.056594 1.040 0.298

L14.Conduct -251.715170 157.902788 -1.594 0.111

L14.Water 288.703631 413.668451 0.698 0.485

L14.Temp 110.633624 148.730351 0.744 0.457

L14.Precip. horaria -1.178454 0.457741 -2.574 0.010

L14.Temp. prom aire 0.086479 0.056722 1.525 0.127

L15.Conduct 191.539623 120.003939 1.596 0.110

L15.Water -271.774915 350.861699 -0.775 0.439

L15.Temp -108.457640 140.760503 -0.771 0.441

L15.Precip. horaria -0.055577 0.464314 -0.120 0.905

L15.Temp. prom aire -0.010450 0.056994 -0.183 0.855

L16.Conduct -91.430204 73.104949 -1.251 0.211

L16.Water 240.389262 287.078560 0.837 0.402

L16.Temp 129.371261 134.763137 0.960 0.337

L16.Precip. horaria -0.329525 0.448722 -0.734 0.463

L16.Temp. prom aire -0.089609 0.057383 -1.562 0.118

L17.Conduct 21.820142 37.748050 0.578 0.563

L17.Water -221.707147 258.832562 -0.857 0.392

L17.Temp -129.809110 137.305859 -0.945 0.344

L17.Precip. horaria 0.998074 0.447552 2.230 0.026

L17.Temp. prom aire 0.112888 0.057074 1.978 0.048

L18.Conduct -9.869719 26.353132 -0.375 0.708

L18.Water 230.449828 255.064499 0.903 0.366

L18.Temp 95.133003 142.953778 0.665 0.506

L18.Precip. horaria 0.536618 0.450897 1.190 0.234

L18.Temp. prom aire 0.008715 0.057440 0.152 0.879

L19.Conduct 28.336283 24.724532 1.146 0.252

L19.Water -277.873541 252.749273 -1.099 0.272

L19.Temp -76.849200 143.763365 -0.535 0.593

L19.Precip. horaria 0.180646 0.452368 0.399 0.690

L19.Temp. prom aire -0.013693 0.057654 -0.238 0.812

L20.Conduct -17.171347 23.601824 -0.728 0.467

L20.Water 270.725037 238.639241 1.134 0.257

L20.Temp 77.477995 136.449159 0.568 0.570

L20.Precip. horaria 0.069292 0.451505 0.153 0.878

L20.Temp. prom aire -0.096664 0.057516 -1.681 0.093

L21.Conduct -15.925403 21.471122 -0.742 0.458

L21.Water -148.322826 200.656294 -0.739 0.460

L21.Temp -60.711173 116.918426 -0.519 0.604

L21.Precip. horaria 0.437553 0.442552 0.989 0.323

L21.Temp. prom aire 0.061314 0.058243 1.053 0.292

L22.Conduct 17.614046 18.621785 0.946 0.344

L22.Water 24.936449 135.308611 0.184 0.854

L22.Temp 26.614109 82.496947 0.323 0.747

L22.Precip. horaria 0.191474 0.442792 0.432 0.665

L22.Temp. prom aire 0.044624 0.059038 0.756 0.450

L23.Conduct -1.344031 11.943576 -0.113 0.910

L23.Water 11.556888 61.799286 0.187 0.852

L23.Temp -3.399448 40.126941 -0.085 0.932

L23.Precip. horaria 0.222116 0.442576 0.502 0.616

L23.Temp. prom aire 0.089917 0.059633 1.508 0.132

L24.Conduct -1.951546 3.400889 -0.574 0.566

L24.Water -4.293193 13.610930 -0.315 0.752

L24.Temp -0.802740 9.418828 -0.085 0.932

L24.Precip. horaria -0.139671 0.442178 -0.316 0.752

L24.Temp. prom aire -0.140412 0.056034 -2.506 0.012

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.794883 0.355366 -0.102704 -0.028752

Water 0.794883 1.000000 0.424686 -0.195223 -0.025945

Temp 0.355366 0.424686 1.000000 -0.033335 -0.033376

Precip. horaria -0.102704 -0.195223 -0.033335 1.000000 0.079674

Temp. prom aire -0.028752 -0.025945 -0.033376 0.079674 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -23.3179

Nobs: 464.000 HQIC: -26.5910

Log likelihood: 3975.13 FPE: 3.59464e-13

AIC: -28.7158 Det(Omega\_mle): 1.12841e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.097151 0.024717 3.931 0.000

L1.Conduct 3.974106 0.142158 27.956 0.000

L1.Water 0.418949 0.466874 0.897 0.370

L1.Temp -0.335126 0.075322 -4.449 0.000

L1.Precip. horaria 0.002138 0.006453 0.331 0.740

L1.Temp. prom aire -0.000163 0.000739 -0.220 0.826

L2.Conduct -6.835747 0.624644 -10.943 0.000

L2.Water -1.857271 2.140729 -0.868 0.386

L2.Temp 1.412733 0.261181 5.409 0.000

L2.Precip. horaria -0.003379 0.006341 -0.533 0.594

L2.Temp. prom aire 0.001068 0.000782 1.366 0.172

L3.Conduct 7.198894 1.328327 5.420 0.000

L3.Water 3.124771 4.738940 0.659 0.510

L3.Temp -2.586773 0.418439 -6.182 0.000

L3.Precip. horaria 0.004946 0.006298 0.785 0.432

L3.Temp. prom aire -0.001511 0.000790 -1.914 0.056

L4.Conduct -6.178463 1.944804 -3.177 0.001

L4.Water -1.408453 7.139831 -0.197 0.844

L4.Temp 2.782595 0.493364 5.640 0.000

L4.Precip. horaria -0.006982 0.006300 -1.108 0.268

L4.Temp. prom aire 0.000927 0.000795 1.165 0.244

L5.Conduct 5.767566 2.319988 2.486 0.013

L5.Water -4.324635 8.640982 -0.500 0.617

L5.Temp -2.118952 0.549236 -3.858 0.000

L5.Precip. horaria -0.003090 0.006273 -0.493 0.622

L5.Temp. prom aire 0.000166 0.000793 0.209 0.834

L6.Conduct -5.933462 2.455540 -2.416 0.016

L6.Water 11.861891 9.205353 1.289 0.198

L6.Temp 1.335231 0.600057 2.225 0.026

L6.Precip. horaria 0.005110 0.006259 0.816 0.414

L6.Temp. prom aire 0.000507 0.000792 0.640 0.522

L7.Conduct 4.576765 2.411806 1.898 0.058

L7.Water -16.849767 9.117959 -1.848 0.065

L7.Temp -0.378418 0.777558 -0.487 0.626

L7.Precip. horaria 0.004287 0.006356 0.674 0.500

L7.Temp. prom aire 0.000078 0.000794 0.098 0.922

L8.Conduct -0.267893 2.253013 -0.119 0.905

L8.Water 14.834993 8.731709 1.699 0.089

L8.Temp -1.397443 1.214548 -1.151 0.250

L8.Precip. horaria -0.003066 0.006381 -0.481 0.631

L8.Temp. prom aire -0.000321 0.000797 -0.403 0.687

L9.Conduct -4.815139 2.142516 -2.247 0.025

L9.Water -5.729012 8.571289 -0.668 0.504

L9.Temp 3.783114 1.716772 2.204 0.028

L9.Precip. horaria -0.003854 0.006591 -0.585 0.559

L9.Temp. prom aire -0.001110 0.000787 -1.411 0.158

L10.Conduct 7.753925 2.281958 3.398 0.001

L10.Water -4.448007 9.126110 -0.487 0.626

L10.Temp -5.296009 2.074859 -2.552 0.011

L10.Precip. horaria 0.003366 0.006521 0.516 0.606

L10.Temp. prom aire 0.000304 0.000790 0.385 0.700

L11.Conduct -8.251748 2.531128 -3.260 0.001

L11.Water 10.277060 9.982270 1.030 0.303

L11.Temp 4.845747 2.233050 2.170 0.030

L11.Precip. horaria -0.021399 0.006407 -3.340 0.001

L11.Temp. prom aire 0.000224 0.000779 0.288 0.774

L12.Conduct 7.749908 2.664635 2.908 0.004

L12.Water -12.516715 10.432032 -1.200 0.230

L12.Temp -3.003005 2.234331 -1.344 0.179

L12.Precip. horaria 0.006745 0.006449 1.046 0.296

L12.Temp. prom aire -0.000540 0.000782 -0.691 0.490

L13.Conduct -7.849316 2.607784 -3.010 0.003

L13.Water 14.770580 10.189075 1.450 0.147

L13.Temp 1.255174 2.143586 0.586 0.558

L13.Precip. horaria 0.005544 0.006476 0.856 0.392

L13.Temp. prom aire 0.000136 0.000788 0.173 0.863

L14.Conduct 7.913684 2.295701 3.447 0.001

L14.Water -17.408364 9.014657 -1.931 0.053

L14.Temp -0.176928 2.028640 -0.087 0.931

L14.Precip. horaria 0.009525 0.006568 1.450 0.147

L14.Temp. prom aire 0.001116 0.000786 1.419 0.156

L15.Conduct -5.934120 1.687844 -3.516 0.000

L15.Water 17.204801 6.838928 2.516 0.012

L15.Temp -1.164037 1.947592 -0.598 0.550

L15.Precip. horaria 0.004995 0.006605 0.756 0.449

L15.Temp. prom aire 0.000099 0.000790 0.126 0.900

L16.Conduct 2.691395 0.938825 2.867 0.004

L16.Water -12.922245 4.462969 -2.895 0.004

L16.Temp 3.019884 1.931234 1.564 0.118

L16.Precip. horaria 0.009492 0.006400 1.483 0.138

L16.Temp. prom aire 0.000611 0.000788 0.775 0.438

L17.Conduct -0.544645 0.371183 -1.467 0.142

L17.Water 7.889091 3.211294 2.457 0.014

L17.Temp -3.898722 2.001514 -1.948 0.051

L17.Precip. horaria -0.001781 0.006462 -0.276 0.783

L17.Temp. prom aire 0.000292 0.000787 0.372 0.710

L18.Conduct 0.140357 0.209110 0.671 0.502

L18.Water -6.392099 3.033073 -2.107 0.035

L18.Temp 2.909172 2.070514 1.405 0.160

L18.Precip. horaria 0.024019 0.006488 3.702 0.000

L18.Temp. prom aire 0.000245 0.000788 0.311 0.756

L19.Conduct -0.433783 0.213566 -2.031 0.042

L19.Water 8.913673 2.991243 2.980 0.003

L19.Temp -1.269086 2.057996 -0.617 0.537

L19.Precip. horaria -0.001211 0.006498 -0.186 0.852

L19.Temp. prom aire 0.000571 0.000786 0.727 0.467

L20.Conduct 0.122478 0.208942 0.586 0.558

L20.Water -11.163730 2.811878 -3.970 0.000

L20.Temp 0.707151 1.934532 0.366 0.715

L20.Precip. horaria 0.003911 0.006503 0.601 0.548

L20.Temp. prom aire 0.000651 0.000783 0.831 0.406

L21.Conduct 0.591475 0.183606 3.221 0.001

L21.Water 9.199608 2.373969 3.875 0.000

L21.Temp -1.205574 1.646052 -0.732 0.464

L21.Precip. horaria -0.001825 0.006441 -0.283 0.777

L21.Temp. prom aire -0.000432 0.000808 -0.535 0.593

L22.Conduct -0.665980 0.162472 -4.099 0.000

L22.Water -4.569322 1.604933 -2.847 0.004

L22.Temp 1.298363 1.154892 1.124 0.261

L22.Precip. horaria 0.011798 0.006425 1.836 0.066

L22.Temp. prom aire 0.000332 0.000825 0.402 0.687

L23.Conduct 0.264012 0.115671 2.282 0.022

L23.Water 1.226546 0.730106 1.680 0.093

L23.Temp -0.629693 0.560033 -1.124 0.261

L23.Precip. horaria -0.002887 0.006081 -0.475 0.635

L23.Temp. prom aire -0.000877 0.000821 -1.069 0.285

L24.Conduct -0.035620 0.035483 -1.004 0.315

L24.Water -0.133752 0.159599 -0.838 0.402

L24.Temp 0.106898 0.131442 0.813 0.416

L24.Precip. horaria 0.004073 0.005995 0.679 0.497

L24.Temp. prom aire 0.000083 0.000773 0.108 0.914

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.022631 0.007480 3.026 0.002

L1.Conduct -0.089155 0.043018 -2.072 0.038

L1.Water 4.581172 0.141281 32.426 0.000

L1.Temp -0.130590 0.022793 -5.729 0.000

L1.Precip. horaria 0.000549 0.001953 0.281 0.779

L1.Temp. prom aire -0.000077 0.000224 -0.343 0.732

L2.Conduct 0.412712 0.189023 2.183 0.029

L2.Water -9.498481 0.647805 -14.663 0.000

L2.Temp 0.565182 0.079036 7.151 0.000

L2.Precip. horaria -0.002655 0.001919 -1.384 0.166

L2.Temp. prom aire 0.000294 0.000237 1.241 0.215

L3.Conduct -0.787501 0.401964 -1.959 0.050

L3.Water 12.021530 1.434048 8.383 0.000

L3.Temp -1.094282 0.126624 -8.642 0.000

L3.Precip. horaria 0.000672 0.001906 0.353 0.724

L3.Temp. prom aire -0.000406 0.000239 -1.699 0.089

L4.Conduct 0.715623 0.588516 1.216 0.224

L4.Water -10.254441 2.160581 -4.746 0.000

L4.Temp 1.278626 0.149297 8.564 0.000

L4.Precip. horaria -0.002640 0.001906 -1.385 0.166

L4.Temp. prom aire 0.000104 0.000241 0.432 0.666

L5.Conduct -0.042909 0.702050 -0.061 0.951

L5.Water 5.377663 2.614843 2.057 0.040

L5.Temp -1.060762 0.166204 -6.382 0.000

L5.Precip. horaria 0.001032 0.001898 0.544 0.587

L5.Temp. prom aire -0.000014 0.000240 -0.057 0.955

L6.Conduct -0.843651 0.743070 -1.135 0.256

L6.Water 0.383006 2.785627 0.137 0.891

L6.Temp 0.720308 0.181583 3.967 0.000

L6.Precip. horaria 0.001898 0.001894 1.002 0.316

L6.Temp. prom aire 0.000287 0.000240 1.198 0.231

L7.Conduct 1.364291 0.729835 1.869 0.062

L7.Water -5.583700 2.759181 -2.024 0.043

L7.Temp -0.336415 0.235296 -1.430 0.153

L7.Precip. horaria 0.001502 0.001923 0.781 0.435

L7.Temp. prom aire -0.000042 0.000240 -0.176 0.860

L8.Conduct -1.159783 0.681783 -1.701 0.089

L8.Water 9.006626 2.642298 3.409 0.001

L8.Temp -0.294525 0.367534 -0.801 0.423

L8.Precip. horaria -0.004351 0.001931 -2.253 0.024

L8.Temp. prom aire -0.000121 0.000241 -0.502 0.616

L9.Conduct 0.417540 0.648346 0.644 0.520

L9.Water -9.145702 2.593754 -3.526 0.000

L9.Temp 1.172287 0.519511 2.257 0.024

L9.Precip. horaria -0.000110 0.001994 -0.055 0.956

L9.Temp. prom aire -0.000243 0.000238 -1.020 0.308

L10.Conduct 0.398360 0.690542 0.577 0.564

L10.Water 6.312161 2.761648 2.286 0.022

L10.Temp -1.859039 0.627872 -2.961 0.003

L10.Precip. horaria 0.003029 0.001973 1.535 0.125

L10.Temp. prom aire 0.000062 0.000239 0.260 0.795

L11.Conduct -0.999419 0.765943 -1.305 0.192

L11.Water -2.633825 3.020730 -0.872 0.383

L11.Temp 1.896226 0.675742 2.806 0.005

L11.Precip. horaria -0.006465 0.001939 -3.335 0.001

L11.Temp. prom aire 0.000188 0.000236 0.797 0.425

L12.Conduct 1.385680 0.806344 1.718 0.086

L12.Water -0.463691 3.156832 -0.147 0.883

L12.Temp -1.299712 0.676130 -1.922 0.055

L12.Precip. horaria 0.001123 0.001951 0.576 0.565

L12.Temp. prom aire -0.000163 0.000237 -0.687 0.492

L13.Conduct -1.745645 0.789140 -2.212 0.027

L13.Water 2.692503 3.083311 0.873 0.383

L13.Temp 0.569670 0.648669 0.878 0.380

L13.Precip. horaria 0.002457 0.001960 1.254 0.210

L13.Temp. prom aire 0.000058 0.000239 0.245 0.806

L14.Conduct 1.926564 0.694701 2.773 0.006

L14.Water -4.050611 2.727921 -1.485 0.138

L14.Temp -0.066615 0.613886 -0.109 0.914

L14.Precip. horaria 0.002719 0.001988 1.368 0.171

L14.Temp. prom aire 0.000211 0.000238 0.887 0.375

L15.Conduct -1.517834 0.510758 -2.972 0.003

L15.Water 4.397456 2.069525 2.125 0.034

L15.Temp -0.390573 0.589360 -0.663 0.508

L15.Precip. horaria 0.001497 0.001999 0.749 0.454

L15.Temp. prom aire 0.000026 0.000239 0.107 0.915

L16.Conduct 0.734582 0.284097 2.586 0.010

L16.Water -3.699654 1.350537 -2.739 0.006

L16.Temp 0.942395 0.584410 1.613 0.107

L16.Precip. horaria 0.000977 0.001937 0.505 0.614

L16.Temp. prom aire 0.000158 0.000239 0.661 0.509

L17.Conduct -0.206314 0.112323 -1.837 0.066

L17.Water 2.682420 0.971768 2.760 0.006

L17.Temp -1.250975 0.605677 -2.065 0.039

L17.Precip. horaria 0.001481 0.001956 0.757 0.449

L17.Temp. prom aire -0.000059 0.000238 -0.249 0.803

L18.Conduct 0.140483 0.063279 2.220 0.026

L18.Water -2.440229 0.917837 -2.659 0.008

L18.Temp 1.011957 0.626557 1.615 0.106

L18.Precip. horaria 0.004982 0.001963 2.537 0.011

L18.Temp. prom aire 0.000177 0.000238 0.742 0.458

L19.Conduct -0.211654 0.064627 -3.275 0.001

L19.Water 3.145448 0.905179 3.475 0.001

L19.Temp -0.485823 0.622769 -0.780 0.435

L19.Precip. horaria -0.002262 0.001966 -1.151 0.250

L19.Temp. prom aire 0.000198 0.000238 0.833 0.405

L20.Conduct 0.060031 0.063228 0.949 0.342

L20.Water -3.724891 0.850901 -4.378 0.000

L20.Temp 0.212634 0.585408 0.363 0.716

L20.Precip. horaria 0.001511 0.001968 0.768 0.443

L20.Temp. prom aire -0.000109 0.000237 -0.461 0.645

L21.Conduct 0.179677 0.055561 3.234 0.001

L21.Water 3.130642 0.718386 4.358 0.000

L21.Temp -0.288613 0.498111 -0.579 0.562

L21.Precip. horaria -0.000663 0.001949 -0.340 0.734

L21.Temp. prom aire 0.000099 0.000245 0.404 0.686

L22.Conduct -0.205222 0.049166 -4.174 0.000

L22.Water -1.684429 0.485668 -3.468 0.001

L22.Temp 0.327521 0.349481 0.937 0.349

L22.Precip. horaria 0.003372 0.001944 1.734 0.083

L22.Temp. prom aire 0.000182 0.000250 0.730 0.465

L23.Conduct 0.088685 0.035003 2.534 0.011

L23.Water 0.519784 0.220937 2.353 0.019

L23.Temp -0.174378 0.169471 -1.029 0.304

L23.Precip. horaria -0.000967 0.001840 -0.526 0.599

L23.Temp. prom aire -0.000430 0.000248 -1.731 0.084

L24.Conduct -0.015340 0.010738 -1.429 0.153

L24.Water -0.071261 0.048296 -1.476 0.140

L24.Temp 0.034678 0.039776 0.872 0.383

L24.Precip. horaria -0.000193 0.001814 -0.107 0.915

L24.Temp. prom aire 0.000135 0.000234 0.575 0.565

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.004027 0.017947 -0.224 0.822

L1.Conduct -0.193789 0.103222 -1.877 0.060

L1.Water 0.601213 0.339002 1.773 0.076

L1.Temp 3.307938 0.054692 60.483 0.000

L1.Precip. horaria 0.000721 0.004686 0.154 0.878

L1.Temp. prom aire 0.000392 0.000537 0.730 0.465

L2.Conduct 0.860330 0.453561 1.897 0.058

L2.Water -2.863214 1.554406 -1.842 0.065

L2.Temp -4.190541 0.189646 -22.097 0.000

L2.Precip. horaria 0.001247 0.004604 0.271 0.787

L2.Temp. prom aire 0.001172 0.000568 2.065 0.039

L3.Conduct -1.787405 0.964512 -1.853 0.064

L3.Water 6.321510 3.440994 1.837 0.066

L3.Temp 2.466887 0.303833 8.119 0.000

L3.Precip. horaria 0.004850 0.004573 1.061 0.289

L3.Temp. prom aire -0.000969 0.000573 -1.691 0.091

L4.Conduct 2.435664 1.412143 1.725 0.085

L4.Water -9.061113 5.184306 -1.748 0.080

L4.Temp -0.529263 0.358236 -1.477 0.140

L4.Precip. horaria 0.004782 0.004575 1.045 0.296

L4.Temp. prom aire -0.000214 0.000577 -0.370 0.711

L5.Conduct -2.529182 1.684568 -1.501 0.133

L5.Water 9.889644 6.274308 1.576 0.115

L5.Temp -0.208705 0.398806 -0.523 0.601

L5.Precip. horaria 0.003098 0.004555 0.680 0.496

L5.Temp. prom aire -0.000212 0.000576 -0.369 0.712

L6.Conduct 2.068023 1.782994 1.160 0.246

L6.Water -8.640610 6.684104 -1.293 0.196

L6.Temp 0.351254 0.435707 0.806 0.420

L6.Precip. horaria -0.006302 0.004545 -1.386 0.166

L6.Temp. prom aire -0.000240 0.000575 -0.418 0.676

L7.Conduct -1.067686 1.751238 -0.610 0.542

L7.Water 5.114471 6.620646 0.773 0.440

L7.Temp -1.285401 0.564593 -2.277 0.023

L7.Precip. horaria 0.007471 0.004615 1.619 0.105

L7.Temp. prom aire 0.000201 0.000576 0.348 0.728

L8.Conduct -0.524439 1.635937 -0.321 0.749

L8.Water 1.197120 6.340186 0.189 0.850

L8.Temp 3.024034 0.881896 3.429 0.001

L8.Precip. horaria -0.002665 0.004633 -0.575 0.565

L8.Temp. prom aire 0.000057 0.000579 0.098 0.922

L9.Conduct 2.648479 1.555703 1.702 0.089

L9.Water -10.152485 6.223703 -1.631 0.103

L9.Temp -3.301771 1.246566 -2.649 0.008

L9.Precip. horaria 0.005382 0.004786 1.124 0.261

L9.Temp. prom aire -0.000220 0.000571 -0.385 0.701

L10.Conduct -4.808338 1.656954 -2.902 0.004

L10.Water 19.479877 6.626564 2.940 0.003

L10.Temp 1.847459 1.506577 1.226 0.220

L10.Precip. horaria -0.004724 0.004735 -0.998 0.318

L10.Temp. prom aire -0.000261 0.000574 -0.455 0.649

L11.Conduct 6.266946 1.837879 3.410 0.001

L11.Water -25.798539 7.248232 -3.559 0.000

L11.Temp -0.571507 1.621441 -0.352 0.724

L11.Precip. horaria -0.000210 0.004652 -0.045 0.964

L11.Temp. prom aire 0.000342 0.000565 0.606 0.545

L12.Conduct -6.615719 1.934819 -3.419 0.001

L12.Water 27.467055 7.574808 3.626 0.000

L12.Temp 0.327758 1.622372 0.202 0.840

L12.Precip. horaria -0.000833 0.004683 -0.178 0.859

L12.Temp. prom aire -0.001689 0.000568 -2.974 0.003

L13.Conduct 5.954589 1.893539 3.145 0.002

L13.Water -24.998950 7.398394 -3.379 0.001

L13.Temp -1.184273 1.556480 -0.761 0.447

L13.Precip. horaria 0.003168 0.004702 0.674 0.501

L13.Temp. prom aire 0.000509 0.000572 0.889 0.374

L14.Conduct -4.702970 1.666933 -2.821 0.005

L14.Water 19.921877 6.545637 3.044 0.002

L14.Temp 1.851753 1.473017 1.257 0.209

L14.Precip. horaria 0.000368 0.004769 0.077 0.938

L14.Temp. prom aire 0.000430 0.000571 0.753 0.452

L15.Conduct 3.149108 1.225562 2.570 0.010

L15.Water -13.586975 4.965818 -2.736 0.006

L15.Temp -0.966601 1.414167 -0.684 0.494

L15.Precip. horaria 0.004950 0.004796 1.032 0.302

L15.Temp. prom aire -0.000493 0.000573 -0.859 0.390

L16.Conduct -1.514678 0.681691 -2.222 0.026

L16.Water 7.094106 3.240609 2.189 0.029

L16.Temp -0.022693 1.402289 -0.016 0.987

L16.Precip. horaria 0.000787 0.004647 0.169 0.866

L16.Temp. prom aire -0.000531 0.000572 -0.927 0.354

L17.Conduct 0.333168 0.269520 1.236 0.216

L17.Water -2.273494 2.331754 -0.975 0.330

L17.Temp -0.158879 1.453321 -0.109 0.913

L17.Precip. horaria 0.002613 0.004692 0.557 0.578

L17.Temp. prom aire -0.000314 0.000571 -0.550 0.582

L18.Conduct 0.142467 0.151837 0.938 0.348

L18.Water 0.026385 2.202346 0.012 0.990

L18.Temp 0.474808 1.503422 0.316 0.752

L18.Precip. horaria 0.001747 0.004711 0.371 0.711

L18.Temp. prom aire -0.000331 0.000572 -0.579 0.563

L19.Conduct -0.278730 0.155072 -1.797 0.072

L19.Water 0.788973 2.171973 0.363 0.716

L19.Temp 0.147998 1.494332 0.099 0.921

L19.Precip. horaria 0.000557 0.004718 0.118 0.906

L19.Temp. prom aire -0.000171 0.000571 -0.300 0.764

L20.Conduct 0.312956 0.151715 2.063 0.039

L20.Water -0.981275 2.041734 -0.481 0.631

L20.Temp -1.420501 1.404684 -1.011 0.312

L20.Precip. horaria -0.002814 0.004722 -0.596 0.551

L20.Temp. prom aire 0.001975 0.000569 3.473 0.001

L21.Conduct -0.207557 0.133319 -1.557 0.120

L21.Water 0.586672 1.723764 0.340 0.734

L21.Temp 1.850927 1.195216 1.549 0.121

L21.Precip. horaria -0.007478 0.004677 -1.599 0.110

L21.Temp. prom aire -0.000662 0.000587 -1.128 0.259

L22.Conduct 0.071540 0.117973 0.606 0.544

L22.Water -0.100218 1.165359 -0.086 0.931

L22.Temp -0.986209 0.838579 -1.176 0.240

L22.Precip. horaria 0.003574 0.004666 0.766 0.444

L22.Temp. prom aire -0.000185 0.000599 -0.309 0.757

L23.Conduct -0.019118 0.083990 -0.228 0.820

L23.Water -0.051474 0.530138 -0.097 0.923

L23.Temp 0.158630 0.406646 0.390 0.696

L23.Precip. horaria -0.006091 0.004415 -1.380 0.168

L23.Temp. prom aire -0.000842 0.000596 -1.413 0.158

L24.Conduct 0.007049 0.025765 0.274 0.784

L24.Water 0.018821 0.115887 0.162 0.871

L24.Temp 0.018126 0.095442 0.190 0.849

L24.Precip. horaria 0.000625 0.004353 0.144 0.886

L24.Temp. prom aire 0.000142 0.000561 0.253 0.800

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.092317 0.205094 -0.450 0.653

L1.Conduct 4.164020 1.179583 3.530 0.000

L1.Water -19.107866 3.873985 -4.932 0.000

L1.Temp 0.047231 0.625000 0.076 0.940

L1.Precip. horaria 0.176947 0.053547 3.305 0.001

L1.Temp. prom aire 0.001368 0.006134 0.223 0.824

L2.Conduct -20.731286 5.183113 -4.000 0.000

L2.Water 94.389303 17.763134 5.314 0.000

L2.Temp -0.813853 2.167202 -0.376 0.707

L2.Precip. horaria 0.016012 0.052615 0.304 0.761

L2.Temp. prom aire 0.003325 0.006487 0.513 0.608

L3.Conduct 48.842069 11.022060 4.431 0.000

L3.Water -217.414262 39.322315 -5.529 0.000

L3.Temp 4.090888 3.472081 1.178 0.239

L3.Precip. horaria 0.137244 0.052260 2.626 0.009

L3.Temp. prom aire -0.005767 0.006553 -0.880 0.379

L4.Conduct -68.816016 16.137410 -4.264 0.000

L4.Water 305.598576 59.244200 5.158 0.000

L4.Temp -10.417826 4.093785 -2.545 0.011

L4.Precip. horaria -0.121446 0.052277 -2.323 0.020

L4.Temp. prom aire -0.005050 0.006599 -0.765 0.444

L5.Conduct 55.053977 19.250571 2.860 0.004

L5.Water -257.005250 71.700307 -3.584 0.000

L5.Temp 16.342946 4.557396 3.586 0.000

L5.Precip. horaria 0.052515 0.052050 1.009 0.313

L5.Temp. prom aire 0.003751 0.006577 0.570 0.568

L6.Conduct -9.136980 20.375345 -0.448 0.654

L6.Water 65.658236 76.383290 0.860 0.390

L6.Temp -16.899534 4.979091 -3.394 0.001

L6.Precip. horaria -0.164821 0.051939 -3.173 0.002

L6.Temp. prom aire -0.001212 0.006569 -0.185 0.854

L7.Conduct -35.061315 20.012450 -1.752 0.080

L7.Water 132.534503 75.658116 1.752 0.080

L7.Temp 9.036853 6.451945 1.401 0.161

L7.Precip. horaria 0.122076 0.052737 2.315 0.021

L7.Temp. prom aire 0.006695 0.006588 1.016 0.309

L8.Conduct 53.858115 18.694835 2.881 0.004

L8.Water -223.075965 72.453133 -3.079 0.002

L8.Temp 7.166531 10.077961 0.711 0.477

L8.Precip. horaria -0.021115 0.052948 -0.399 0.690

L8.Temp. prom aire 0.000036 0.006612 0.005 0.996

L9.Conduct -54.414718 17.777961 -3.061 0.002

L9.Water 226.947192 71.122014 3.191 0.001

L9.Temp -27.045470 14.245261 -1.899 0.058

L9.Precip. horaria 0.131892 0.054690 2.412 0.016

L9.Temp. prom aire 0.010215 0.006528 1.565 0.118

L10.Conduct 45.835590 18.935010 2.421 0.015

L10.Water -183.679152 75.725750 -2.426 0.015

L10.Temp 44.683992 17.216563 2.595 0.009

L10.Precip. horaria -0.059639 0.054109 -1.102 0.270

L10.Temp. prom aire -0.003822 0.006556 -0.583 0.560

L11.Conduct -24.335746 21.002548 -1.159 0.247

L11.Water 84.515564 82.829918 1.020 0.308

L11.Temp -57.194391 18.529184 -3.087 0.002

L11.Precip. horaria -0.041887 0.053160 -0.788 0.431

L11.Temp. prom aire -0.007462 0.006461 -1.155 0.248

L12.Conduct -7.329248 22.110350 -0.331 0.740

L12.Water 55.209441 86.561907 0.638 0.524

L12.Temp 63.179207 18.539820 3.408 0.001

L12.Precip. horaria -0.148523 0.053511 -2.776 0.006

L12.Temp. prom aire 0.001671 0.006490 0.258 0.797

L13.Conduct 32.907744 21.638616 1.521 0.128

L13.Water -170.671096 84.545918 -2.019 0.044

L13.Temp -60.974981 17.786839 -3.428 0.001

L13.Precip. horaria 0.180551 0.053734 3.360 0.001

L13.Temp. prom aire 0.001208 0.006542 0.185 0.853

L14.Conduct -39.976163 19.049049 -2.099 0.036

L14.Water 203.078786 74.800950 2.715 0.007

L14.Temp 46.692441 16.833051 2.774 0.006

L14.Precip. horaria 0.033437 0.054500 0.614 0.540

L14.Temp. prom aire 0.009392 0.006525 1.439 0.150

L15.Conduct 30.973706 14.005231 2.212 0.027

L15.Water -155.624141 56.747395 -2.742 0.006

L15.Temp -18.910925 16.160537 -1.170 0.242

L15.Precip. horaria -0.023648 0.054803 -0.432 0.666

L15.Temp. prom aire 0.000771 0.006554 0.118 0.906

L16.Conduct -15.946149 7.790091 -2.047 0.041

L16.Water 76.142160 37.032392 2.056 0.040

L16.Temp -11.839105 16.024807 -0.739 0.460

L16.Precip. horaria -0.107704 0.053102 -2.028 0.043

L16.Temp. prom aire -0.004694 0.006542 -0.717 0.473

L17.Conduct 3.547332 3.079966 1.152 0.249

L17.Water -6.089483 26.646362 -0.229 0.819

L17.Temp 31.694305 16.607971 1.908 0.056

L17.Precip. horaria -0.055596 0.053622 -1.037 0.300

L17.Temp. prom aire 0.003539 0.006526 0.542 0.588

L18.Conduct 1.861781 1.735135 1.073 0.283

L18.Water -30.275945 25.167541 -1.203 0.229

L18.Temp -38.667329 17.180507 -2.251 0.024

L18.Precip. horaria 0.019695 0.053836 0.366 0.714

L18.Temp. prom aire 0.003933 0.006534 0.602 0.547

L19.Conduct -2.697250 1.772106 -1.522 0.128

L19.Water 36.719385 24.820449 1.479 0.139

L19.Temp 38.259028 17.076637 2.240 0.025

L19.Precip. horaria 0.033017 0.053917 0.612 0.540

L19.Temp. prom aire 0.000767 0.006521 0.118 0.906

L20.Conduct 4.642469 1.733740 2.678 0.007

L20.Water -39.671707 23.332127 -1.700 0.089

L20.Temp -32.866439 16.052168 -2.047 0.041

L20.Precip. horaria -0.071039 0.053958 -1.317 0.188

L20.Temp. prom aire 0.008013 0.006498 1.233 0.218

L21.Conduct -7.003536 1.523511 -4.597 0.000

L21.Water 43.046565 19.698494 2.185 0.029

L21.Temp 22.599087 13.658450 1.655 0.098

L21.Precip. horaria -0.040394 0.053449 -0.756 0.450

L21.Temp. prom aire 0.018941 0.006705 2.825 0.005

L22.Conduct 5.196238 1.348149 3.854 0.000

L22.Water -32.049446 13.317259 -2.407 0.016

L22.Temp -10.998437 9.582952 -1.148 0.251

L22.Precip. horaria -0.096701 0.053316 -1.814 0.070

L22.Temp. prom aire -0.014091 0.006845 -2.058 0.040

L23.Conduct -1.402292 0.959807 -1.461 0.144

L23.Water 13.042120 6.058207 2.153 0.031

L23.Temp 3.241516 4.646985 0.698 0.485

L23.Precip. horaria 0.004224 0.050458 0.084 0.933

L23.Temp. prom aire -0.001817 0.006808 -0.267 0.790

L24.Conduct -0.038323 0.294428 -0.130 0.896

L24.Water -2.204730 1.324307 -1.665 0.096

L24.Temp -0.423792 1.090668 -0.389 0.698

L24.Precip. horaria -0.042151 0.049748 -0.847 0.397

L24.Temp. prom aire 0.004759 0.006411 0.742 0.458

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -0.545048 1.800060 -0.303 0.762

L1.Conduct 8.081011 10.352925 0.781 0.435

L1.Water -36.146271 34.001068 -1.063 0.288

L1.Temp 1.601023 5.485481 0.292 0.770

L1.Precip. horaria 0.055954 0.469972 0.119 0.905

L1.Temp. prom aire 0.358294 0.053835 6.655 0.000

L2.Conduct -29.382265 45.490983 -0.646 0.518

L2.Water 144.406345 155.902914 0.926 0.354

L2.Temp -5.966281 19.021031 -0.314 0.754

L2.Precip. horaria -1.048968 0.461790 -2.272 0.023

L2.Temp. prom aire 0.096666 0.056935 1.698 0.090

L3.Conduct 53.383961 96.738068 0.552 0.581

L3.Water -282.865298 345.122855 -0.820 0.412

L3.Temp 18.173050 30.473653 0.596 0.551

L3.Precip. horaria 0.031662 0.458678 0.069 0.945

L3.Temp. prom aire 0.041838 0.057512 0.727 0.467

L4.Conduct -83.136684 141.634312 -0.587 0.557

L4.Water 451.231400 519.972627 0.868 0.386

L4.Temp -12.352574 35.930199 -0.344 0.731

L4.Precip. horaria 0.059063 0.458822 0.129 0.898

L4.Temp. prom aire 0.015502 0.057920 0.268 0.789

L5.Conduct 144.801917 168.957805 0.857 0.391

L5.Water -722.167490 629.297001 -1.148 0.251

L5.Temp -16.864584 39.999208 -0.422 0.673

L5.Precip. horaria -0.710310 0.456832 -1.555 0.120

L5.Temp. prom aire -0.019934 0.057727 -0.345 0.730

L6.Conduct -219.365599 178.829687 -1.227 0.220

L6.Water 978.490222 670.398453 1.460 0.144

L6.Temp -3.767145 43.700328 -0.086 0.931

L6.Precip. horaria 0.065895 0.455858 0.145 0.885

L6.Temp. prom aire -0.051308 0.057655 -0.890 0.374

L7.Conduct 214.801589 175.644644 1.223 0.221

L7.Water -899.404335 664.033771 -1.354 0.176

L7.Temp 73.663538 56.627229 1.301 0.193

L7.Precip. horaria 0.030251 0.462863 0.065 0.948

L7.Temp. prom aire 0.165916 0.057819 2.870 0.004

L8.Conduct -88.885602 164.080239 -0.542 0.588

L8.Water 384.839891 635.904380 0.605 0.545

L8.Temp -102.068862 88.451931 -1.154 0.249

L8.Precip. horaria -0.340887 0.464713 -0.734 0.463

L8.Temp. prom aire -0.020974 0.058029 -0.361 0.718

L9.Conduct -85.527198 156.033049 -0.548 0.584

L9.Water 288.241360 624.221456 0.462 0.644

L9.Temp 82.485239 125.027362 0.660 0.509

L9.Precip. horaria 0.353729 0.480003 0.737 0.461

L9.Temp. prom aire -0.095642 0.057294 -1.669 0.095

L10.Conduct 212.824097 166.188203 1.281 0.200

L10.Water -772.457935 664.627381 -1.162 0.245

L10.Temp -61.935074 151.105785 -0.410 0.682

L10.Precip. horaria 0.644368 0.474905 1.357 0.175

L10.Temp. prom aire -0.032110 0.057543 -0.558 0.577

L11.Conduct -253.539645 184.334502 -1.375 0.169

L11.Water 911.891742 726.979014 1.254 0.210

L11.Temp 30.418161 162.626361 0.187 0.852

L11.Precip. horaria 0.853757 0.466572 1.830 0.067

L11.Temp. prom aire -0.029389 0.056704 -0.518 0.604

L12.Conduct 236.610331 194.057425 1.219 0.223

L12.Water -803.612755 759.733817 -1.058 0.290

L12.Temp 35.022350 162.719705 0.215 0.830

L12.Precip. horaria 0.228496 0.469654 0.487 0.627

L12.Temp. prom aire -0.025612 0.056957 -0.450 0.653

L13.Conduct -199.849412 189.917121 -1.052 0.293

L13.Water 623.225335 742.039953 0.840 0.401

L13.Temp -97.055006 156.110968 -0.622 0.534

L13.Precip. horaria -0.425668 0.471614 -0.903 0.367

L13.Temp. prom aire 0.047004 0.057414 0.819 0.413

L14.Conduct 145.516848 167.189090 0.870 0.384

L14.Water -419.780305 656.510624 -0.639 0.523

L14.Temp 105.720384 147.739793 0.716 0.474

L14.Precip. horaria -0.838322 0.478331 -1.753 0.080

L14.Temp. prom aire 0.102724 0.057267 1.794 0.073

L15.Conduct -85.398261 122.920674 -0.695 0.487

L15.Water 194.399047 498.058748 0.390 0.696

L15.Temp -96.662449 141.837295 -0.682 0.496

L15.Precip. horaria 0.410433 0.480996 0.853 0.393

L15.Temp. prom aire -0.040664 0.057519 -0.707 0.480

L16.Conduct 44.644786 68.371824 0.653 0.514

L16.Water -23.126282 325.024728 -0.071 0.943

L16.Temp 111.919413 140.646024 0.796 0.426

L16.Precip. horaria -0.439687 0.466063 -0.943 0.345

L16.Temp. prom aire -0.077847 0.057419 -1.356 0.175

L17.Conduct -19.346122 27.032149 -0.716 0.474

L17.Water -24.803366 233.868952 -0.106 0.916

L17.Temp -101.625191 145.764321 -0.697 0.486

L17.Precip. horaria 0.661265 0.470628 1.405 0.160

L17.Temp. prom aire 0.117117 0.057279 2.045 0.041

L18.Conduct -4.643509 15.228882 -0.305 0.760

L18.Water 8.449050 220.889681 0.038 0.969

L18.Temp 39.052639 150.789336 0.259 0.796

L18.Precip. horaria 0.515068 0.472502 1.090 0.276

L18.Temp. prom aire -0.011067 0.057352 -0.193 0.847

L19.Conduct 17.168862 15.553364 1.104 0.270

L19.Water -16.357284 217.843338 -0.075 0.940

L19.Temp 18.937554 149.877691 0.126 0.899

L19.Precip. horaria -0.341228 0.473214 -0.721 0.471

L19.Temp. prom aire 0.004441 0.057238 0.078 0.938

L20.Conduct -4.241678 15.216636 -0.279 0.780

L20.Water 20.657029 204.780679 0.101 0.920

L20.Temp -31.146935 140.886166 -0.221 0.825

L20.Precip. horaria -0.257080 0.473579 -0.543 0.587

L20.Temp. prom aire -0.088771 0.057032 -1.557 0.120

L21.Conduct -14.199953 13.371508 -1.062 0.288

L21.Water 9.278373 172.889118 0.054 0.957

L21.Temp 17.085266 119.877051 0.143 0.887

L21.Precip. horaria 0.243049 0.469108 0.518 0.604

L21.Temp. prom aire 0.055128 0.058844 0.937 0.349

L22.Conduct 10.569247 11.832388 0.893 0.372

L22.Water -23.480491 116.882496 -0.201 0.841

L22.Temp -7.948784 84.107354 -0.095 0.925

L22.Precip. horaria 0.064557 0.467939 0.138 0.890

L22.Temp. prom aire 0.024728 0.060080 0.412 0.681

L23.Conduct 1.753496 8.424000 0.208 0.835

L23.Water 8.547084 53.171481 0.161 0.872

L23.Temp 5.665285 40.785508 0.139 0.890

L23.Precip. horaria 0.700529 0.442854 1.582 0.114

L23.Temp. prom aire 0.103294 0.059755 1.729 0.084

L24.Conduct -2.600506 2.584123 -1.006 0.314

L24.Water 0.561073 11.623136 0.048 0.961

L24.Temp -2.059919 9.572545 -0.215 0.830

L24.Precip. horaria 0.007223 0.436626 0.017 0.987

L24.Temp. prom aire -0.141469 0.056270 -2.514 0.012

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.926342 0.171959 -0.037656 -0.013504

Water 0.926342 1.000000 0.106227 -0.065962 -0.005099

Temp 0.171959 0.106227 1.000000 -0.002920 -0.030626

Precip. horaria -0.037656 -0.065962 -0.002920 1.000000 0.070244

Temp. prom aire -0.013504 -0.005099 -0.030626 0.070244 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -21.6241

Nobs: 464.000 HQIC: -24.8971

Log likelihood: 3582.16 FPE: 1.95562e-12

AIC: -27.0220 Det(Omega\_mle): 6.13895e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.156354 0.051228 3.052 0.002

L1.Conduct 4.454498 0.081300 54.791 0.000

L1.Water -1.417761 0.481079 -2.947 0.003

L1.Temp -0.868499 0.332331 -2.613 0.009

L1.Precip. horaria -0.003146 0.013047 -0.241 0.809

L1.Temp. prom aire -0.001588 0.001545 -1.028 0.304

L2.Conduct -8.746192 0.362498 -24.128 0.000

L2.Water 5.963483 2.095898 2.845 0.004

L2.Temp 3.885006 1.329596 2.922 0.003

L2.Precip. horaria -0.008747 0.012808 -0.683 0.495

L2.Temp. prom aire 0.002223 0.001629 1.365 0.172

L3.Conduct 10.181974 0.774264 13.151 0.000

L3.Water -10.753894 4.352146 -2.471 0.013

L3.Temp -7.692129 2.504593 -3.071 0.002

L3.Precip. horaria -0.003010 0.012623 -0.238 0.812

L3.Temp. prom aire -0.003778 0.001630 -2.318 0.020

L4.Conduct -7.874097 1.118453 -7.040 0.000

L4.Water 10.945460 6.148439 1.780 0.075

L4.Temp 8.957020 3.226896 2.776 0.006

L4.Precip. horaria -0.016744 0.012901 -1.298 0.194

L4.Temp. prom aire 0.001335 0.001652 0.808 0.419

L5.Conduct 3.879380 1.306673 2.969 0.003

L5.Water -6.290013 7.145561 -0.880 0.379

L5.Temp -6.859914 3.494436 -1.963 0.050

L5.Precip. horaria 0.010891 0.013034 0.836 0.403

L5.Temp. prom aire 0.000604 0.001643 0.368 0.713

L6.Conduct -0.264927 1.386931 -0.191 0.849

L6.Water 1.260559 7.644770 0.165 0.869

L6.Temp 4.055269 3.587309 1.130 0.258

L6.Precip. horaria -0.002405 0.013074 -0.184 0.854

L6.Temp. prom aire -0.000306 0.001643 -0.186 0.852

L7.Conduct -2.841672 1.418479 -2.003 0.045

L7.Water -0.731451 7.819222 -0.094 0.925

L7.Temp -3.031480 3.963304 -0.765 0.444

L7.Precip. horaria 0.013865 0.013342 1.039 0.299

L7.Temp. prom aire 0.002354 0.001644 1.432 0.152

L8.Conduct 6.116163 1.398073 4.375 0.000

L8.Water 3.620764 7.669157 0.472 0.637

L8.Temp 3.033001 4.833943 0.627 0.530

L8.Precip. horaria -0.009665 0.013285 -0.728 0.467

L8.Temp. prom aire -0.003017 0.001659 -1.818 0.069

L9.Conduct -7.829802 1.349522 -5.802 0.000

L9.Water -6.183596 7.506191 -0.824 0.410

L9.Temp -2.197258 5.846986 -0.376 0.707

L9.Precip. horaria 0.003197 0.013408 0.238 0.812

L9.Temp. prom aire 0.000233 0.001650 0.141 0.887

L10.Conduct 5.815277 1.354716 4.293 0.000

L10.Water 10.337174 7.657196 1.350 0.177

L10.Temp 1.020542 6.578072 0.155 0.877

L10.Precip. horaria 0.013763 0.013684 1.006 0.315

L10.Temp. prom aire -0.000778 0.001661 -0.468 0.640

L11.Conduct -1.312589 1.417036 -0.926 0.354

L11.Water -17.385077 8.085976 -2.150 0.032

L11.Temp -1.106096 6.813075 -0.162 0.871

L11.Precip. horaria -0.008582 0.013700 -0.626 0.531

L11.Temp. prom aire 0.000933 0.001646 0.567 0.571

L12.Conduct -2.418560 1.489771 -1.623 0.104

L12.Water 22.268825 8.604143 2.588 0.010

L12.Temp 2.359099 6.657318 0.354 0.723

L12.Precip. horaria -0.003172 0.013714 -0.231 0.817

L12.Temp. prom aire 0.000293 0.001647 0.178 0.859

L13.Conduct 2.937064 1.535875 1.912 0.056

L13.Water -18.909080 8.963342 -2.110 0.035

L13.Temp -2.352844 6.374085 -0.369 0.712

L13.Precip. horaria 0.009949 0.013695 0.726 0.468

L13.Temp. prom aire 0.000537 0.001664 0.323 0.747

L14.Conduct -1.042800 1.473098 -0.708 0.479

L14.Water 6.440459 8.770626 0.734 0.463

L14.Temp -0.713746 6.172693 -0.116 0.908

L14.Precip. horaria 0.030202 0.013737 2.199 0.028

L14.Temp. prom aire -0.001807 0.001664 -1.085 0.278

L15.Conduct -0.004590 1.220844 -0.004 0.997

L15.Water 7.005835 7.763491 0.902 0.367

L15.Temp 4.353988 6.059573 0.719 0.472

L15.Precip. horaria -0.004084 0.013802 -0.296 0.767

L15.Temp. prom aire 0.003635 0.001666 2.182 0.029

L16.Conduct -0.508360 0.818474 -0.621 0.535

L16.Water -12.529840 6.410012 -1.955 0.051

L16.Temp -5.035966 5.961722 -0.845 0.398

L16.Precip. horaria 0.016881 0.013358 1.264 0.206

L16.Temp. prom aire -0.001081 0.001674 -0.646 0.518

L17.Conduct 0.680733 0.460894 1.477 0.140

L17.Water 11.310963 5.571595 2.030 0.042

L17.Temp 3.274481 5.952025 0.550 0.582

L17.Precip. horaria 0.003019 0.013476 0.224 0.823

L17.Temp. prom aire 0.003281 0.001672 1.962 0.050

L18.Conduct 0.067246 0.334612 0.201 0.841

L18.Water -9.823015 5.337757 -1.840 0.066

L18.Temp -1.883156 5.930522 -0.318 0.751

L18.Precip. horaria 0.017871 0.013684 1.306 0.192

L18.Temp. prom aire 0.000125 0.001684 0.074 0.941

L19.Conduct -0.670117 0.327841 -2.044 0.041

L19.Water 11.199194 5.253353 2.132 0.033

L19.Temp 1.734610 5.794082 0.299 0.765

L19.Precip. horaria -0.019344 0.013508 -1.432 0.152

L19.Temp. prom aire 0.001005 0.001669 0.603 0.547

L20.Conduct 0.264264 0.317651 0.832 0.405

L20.Water -13.066860 4.968035 -2.630 0.009

L20.Temp -1.357070 5.488421 -0.247 0.805

L20.Precip. horaria -0.000553 0.013660 -0.040 0.968

L20.Temp. prom aire 0.000734 0.001662 0.442 0.659

L21.Conduct 0.514001 0.294271 1.747 0.081

L21.Water 11.009123 4.235931 2.599 0.009

L21.Temp -0.296197 4.776773 -0.062 0.951

L21.Precip. horaria 0.001395 0.013409 0.104 0.917

L21.Temp. prom aire -0.000397 0.001677 -0.237 0.813

L22.Conduct -0.571364 0.258270 -2.212 0.027

L22.Water -5.604500 2.949113 -1.900 0.057

L22.Temp 1.728052 3.427395 0.504 0.614

L22.Precip. horaria 0.029381 0.013274 2.213 0.027

L22.Temp. prom aire 0.001553 0.001702 0.912 0.362

L23.Conduct 0.176993 0.157624 1.123 0.261

L23.Water 1.483907 1.399544 1.060 0.289

L23.Temp -1.397640 1.679540 -0.832 0.405

L23.Precip. horaria -0.019399 0.013048 -1.487 0.137

L23.Temp. prom aire 0.000615 0.001707 0.360 0.719

L24.Conduct -0.003158 0.042379 -0.075 0.941

L24.Water -0.152826 0.316467 -0.483 0.629

L24.Temp 0.383870 0.393570 0.975 0.329

L24.Precip. horaria 0.017361 0.012854 1.351 0.177

L24.Temp. prom aire -0.000995 0.001619 -0.615 0.539

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.018340 0.008704 2.107 0.035

L1.Conduct 0.040614 0.013813 2.940 0.003

L1.Water 4.021109 0.081738 49.195 0.000

L1.Temp -0.015827 0.056465 -0.280 0.779

L1.Precip. horaria 0.000444 0.002217 0.200 0.841

L1.Temp. prom aire -0.000305 0.000262 -1.162 0.245

L2.Conduct -0.156872 0.061590 -2.547 0.011

L2.Water -6.895017 0.356104 -19.362 0.000

L2.Temp 0.190485 0.225906 0.843 0.399

L2.Precip. horaria -0.001814 0.002176 -0.833 0.405

L2.Temp. prom aire 0.000407 0.000277 1.471 0.141

L3.Conduct 0.255607 0.131552 1.943 0.052

L3.Water 6.782293 0.739453 9.172 0.000

L3.Temp -0.624583 0.425544 -1.468 0.142

L3.Precip. horaria -0.003695 0.002145 -1.723 0.085

L3.Temp. prom aire -0.000547 0.000277 -1.975 0.048

L4.Conduct -0.238259 0.190031 -1.254 0.210

L4.Water -4.292062 1.044653 -4.109 0.000

L4.Temp 0.989937 0.548267 1.806 0.071

L4.Precip. horaria -0.001910 0.002192 -0.871 0.384

L4.Temp. prom aire -0.000040 0.000281 -0.143 0.887

L5.Conduct 0.147039 0.222011 0.662 0.508

L5.Water 1.584174 1.214070 1.305 0.192

L5.Temp -1.025244 0.593724 -1.727 0.084

L5.Precip. horaria 0.004492 0.002214 2.029 0.042

L5.Temp. prom aire -0.000022 0.000279 -0.080 0.937

L6.Conduct -0.065228 0.235647 -0.277 0.782

L6.Water 0.441422 1.298888 0.340 0.734

L6.Temp 1.032300 0.609503 1.694 0.090

L6.Precip. horaria 0.000958 0.002221 0.431 0.666

L6.Temp. prom aire 0.000153 0.000279 0.547 0.584

L7.Conduct -0.009679 0.241007 -0.040 0.968

L7.Water -2.606077 1.328529 -1.962 0.050

L7.Temp -1.153315 0.673387 -1.713 0.087

L7.Precip. horaria 0.001944 0.002267 0.858 0.391

L7.Temp. prom aire 0.000189 0.000279 0.676 0.499

L8.Conduct 0.142255 0.237540 0.599 0.549

L8.Water 5.289390 1.303032 4.059 0.000

L8.Temp 1.125725 0.821313 1.371 0.170

L8.Precip. horaria -0.005717 0.002257 -2.533 0.011

L8.Temp. prom aire -0.000355 0.000282 -1.261 0.207

L9.Conduct -0.238503 0.229291 -1.040 0.298

L9.Water -6.866210 1.275343 -5.384 0.000

L9.Temp -0.840899 0.993435 -0.846 0.397

L9.Precip. horaria 0.000871 0.002278 0.383 0.702

L9.Temp. prom aire -0.000211 0.000280 -0.751 0.453

L10.Conduct 0.091263 0.230174 0.396 0.692

L10.Water 6.562731 1.300999 5.044 0.000

L10.Temp 0.448727 1.117650 0.401 0.688

L10.Precip. horaria 0.006400 0.002325 2.753 0.006

L10.Temp. prom aire -0.000079 0.000282 -0.280 0.779

L11.Conduct 0.224255 0.240762 0.931 0.352

L11.Water -5.340618 1.373851 -3.887 0.000

L11.Temp -0.312061 1.157579 -0.270 0.787

L11.Precip. horaria -0.000665 0.002328 -0.286 0.775

L11.Temp. prom aire 0.000208 0.000280 0.742 0.458

L12.Conduct -0.392883 0.253120 -1.552 0.121

L12.Water 3.886293 1.461891 2.658 0.008

L12.Temp 0.533445 1.131115 0.472 0.637

L12.Precip. horaria -0.001628 0.002330 -0.699 0.485

L12.Temp. prom aire 0.000370 0.000280 1.322 0.186

L13.Conduct 0.240769 0.260954 0.923 0.356

L13.Water -2.436788 1.522921 -1.600 0.110

L13.Temp -0.584501 1.082992 -0.540 0.589

L13.Precip. horaria 0.001228 0.002327 0.528 0.598

L13.Temp. prom aire -0.000248 0.000283 -0.878 0.380

L14.Conduct 0.061636 0.250287 0.246 0.805

L14.Water 0.713358 1.490177 0.479 0.632

L14.Temp 0.235977 1.048774 0.225 0.822

L14.Precip. horaria 0.005552 0.002334 2.379 0.017

L14.Temp. prom aire -0.000245 0.000283 -0.867 0.386

L15.Conduct -0.162553 0.207428 -0.784 0.433

L15.Water 1.336523 1.319060 1.013 0.311

L15.Temp 0.115631 1.029555 0.112 0.911

L15.Precip. horaria 0.000549 0.002345 0.234 0.815

L15.Temp. prom aire 0.000358 0.000283 1.264 0.206

L16.Conduct 0.044489 0.139063 0.320 0.749

L16.Water -2.769491 1.089096 -2.543 0.011

L16.Temp -0.280949 1.012929 -0.277 0.782

L16.Precip. horaria -0.000621 0.002270 -0.274 0.784

L16.Temp. prom aire -0.000327 0.000284 -1.149 0.251

L17.Conduct -0.001716 0.078308 -0.022 0.983

L17.Water 3.221151 0.946645 3.403 0.001

L17.Temp 0.448645 1.011282 0.444 0.657

L17.Precip. horaria 0.003273 0.002290 1.429 0.153

L17.Temp. prom aire 0.000137 0.000284 0.481 0.630

L18.Conduct 0.094641 0.056852 1.665 0.096

L18.Water -3.267950 0.906914 -3.603 0.000

L18.Temp -0.862087 1.007628 -0.856 0.392

L18.Precip. horaria 0.002470 0.002325 1.062 0.288

L18.Temp. prom aire -0.000022 0.000286 -0.076 0.940

L19.Conduct -0.140736 0.055702 -2.527 0.012

L19.Water 3.389823 0.892573 3.798 0.000

L19.Temp 1.357081 0.984446 1.379 0.168

L19.Precip. horaria -0.006857 0.002295 -2.988 0.003

L19.Temp. prom aire 0.000029 0.000283 0.103 0.918

L20.Conduct 0.058393 0.053971 1.082 0.279

L20.Water -3.513252 0.844096 -4.162 0.000

L20.Temp -1.371499 0.932513 -1.471 0.141

L20.Precip. horaria 0.000796 0.002321 0.343 0.732

L20.Temp. prom aire 0.000062 0.000282 0.220 0.826

L21.Conduct 0.052833 0.049998 1.057 0.291

L21.Water 2.929640 0.719708 4.071 0.000

L21.Temp 0.826174 0.811600 1.018 0.309

L21.Precip. horaria 0.003803 0.002278 1.669 0.095

L21.Temp. prom aire -0.000275 0.000285 -0.964 0.335

L22.Conduct -0.080866 0.043882 -1.843 0.065

L22.Water -1.562481 0.501071 -3.118 0.002

L22.Temp -0.244195 0.582333 -0.419 0.675

L22.Precip. horaria 0.003724 0.002255 1.651 0.099

L22.Temp. prom aire 0.000227 0.000289 0.784 0.433

L23.Conduct 0.041640 0.026781 1.555 0.120

L23.Water 0.438102 0.237790 1.842 0.065

L23.Temp -0.011744 0.285363 -0.041 0.967

L23.Precip. horaria -0.001518 0.002217 -0.685 0.494

L23.Temp. prom aire 0.000003 0.000290 0.009 0.993

L24.Conduct -0.008104 0.007200 -1.125 0.260

L24.Water -0.046667 0.053770 -0.868 0.385

L24.Temp 0.022806 0.066870 0.341 0.733

L24.Precip. horaria 0.000482 0.002184 0.221 0.825

L24.Temp. prom aire -0.000146 0.000275 -0.530 0.596

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.005302 0.008527 0.622 0.534

L1.Conduct -0.066585 0.013532 -4.921 0.000

L1.Water 0.400536 0.080072 5.002 0.000

L1.Temp 3.845902 0.055314 69.529 0.000

L1.Precip. horaria 0.000909 0.002172 0.419 0.675

L1.Temp. prom aire 0.000301 0.000257 1.172 0.241

L2.Conduct 0.320262 0.060335 5.308 0.000

L2.Water -2.031517 0.348846 -5.824 0.000

L2.Temp -6.294341 0.221301 -28.442 0.000

L2.Precip. horaria -0.001161 0.002132 -0.545 0.586

L2.Temp. prom aire 0.000195 0.000271 0.718 0.473

L3.Conduct -0.699264 0.128870 -5.426 0.000

L3.Water 4.659651 0.724382 6.433 0.000

L3.Temp 5.917128 0.416871 14.194 0.000

L3.Precip. horaria 0.002984 0.002101 1.420 0.155

L3.Temp. prom aire -0.000759 0.000271 -2.799 0.005

L4.Conduct 0.952099 0.186158 5.114 0.000

L4.Water -6.656582 1.023361 -6.505 0.000

L4.Temp -3.750096 0.537092 -6.982 0.000

L4.Precip. horaria 0.002382 0.002147 1.109 0.267

L4.Temp. prom aire -0.000034 0.000275 -0.125 0.901

L5.Conduct -0.932858 0.217486 -4.289 0.000

L5.Water 6.943922 1.189324 5.839 0.000

L5.Temp 1.890979 0.581622 3.251 0.001

L5.Precip. horaria 0.002443 0.002169 1.126 0.260

L5.Temp. prom aire -0.000072 0.000273 -0.263 0.792

L6.Conduct 0.674495 0.230844 2.922 0.003

L6.Water -5.696734 1.272414 -4.477 0.000

L6.Temp -0.825395 0.597080 -1.382 0.167

L6.Precip. horaria -0.002986 0.002176 -1.372 0.170

L6.Temp. prom aire 0.000053 0.000274 0.195 0.846

L7.Conduct -0.273726 0.236095 -1.159 0.246

L7.Water 3.490675 1.301450 2.682 0.007

L7.Temp -0.741057 0.659662 -1.123 0.261

L7.Precip. horaria 0.004582 0.002221 2.063 0.039

L7.Temp. prom aire 0.000042 0.000274 0.153 0.878

L8.Conduct -0.190509 0.232699 -0.819 0.413

L8.Water -0.693908 1.276473 -0.544 0.587

L8.Temp 3.427453 0.804573 4.260 0.000

L8.Precip. horaria -0.004937 0.002211 -2.233 0.026

L8.Temp. prom aire -0.000029 0.000276 -0.107 0.915

L9.Conduct 0.671702 0.224618 2.990 0.003

L9.Water -2.683269 1.249348 -2.148 0.032

L9.Temp -5.251062 0.973186 -5.396 0.000

L9.Precip. horaria 0.003647 0.002232 1.634 0.102

L9.Temp. prom aire -0.000216 0.000275 -0.787 0.431

L10.Conduct -1.065756 0.225482 -4.727 0.000

L10.Water 6.149165 1.274482 4.825 0.000

L10.Temp 4.853129 1.094870 4.433 0.000

L10.Precip. horaria -0.004713 0.002278 -2.069 0.039

L10.Temp. prom aire 0.000181 0.000276 0.655 0.512

L11.Conduct 1.253095 0.235855 5.313 0.000

L11.Water -8.513723 1.345849 -6.326 0.000

L11.Temp -3.252611 1.133985 -2.868 0.004

L11.Precip. horaria 0.001892 0.002280 0.830 0.407

L11.Temp. prom aire 0.000021 0.000274 0.077 0.939

L12.Conduct -1.192008 0.247961 -4.807 0.000

L12.Water 9.041565 1.432094 6.314 0.000

L12.Temp 1.965036 1.108060 1.773 0.076

L12.Precip. horaria -0.002523 0.002283 -1.105 0.269

L12.Temp. prom aire -0.000853 0.000274 -3.112 0.002

L13.Conduct 0.891616 0.255635 3.488 0.000

L13.Water -7.797611 1.491880 -5.227 0.000

L13.Temp -1.968713 1.060918 -1.856 0.064

L13.Precip. horaria 0.005676 0.002279 2.490 0.013

L13.Temp. prom aire 0.000288 0.000277 1.040 0.299

L14.Conduct -0.481447 0.245186 -1.964 0.050

L14.Water 5.611804 1.459804 3.844 0.000

L14.Temp 2.377908 1.027398 2.314 0.021

L14.Precip. horaria -0.002438 0.002286 -1.066 0.286

L14.Temp. prom aire -0.000084 0.000277 -0.303 0.762

L15.Conduct 0.167162 0.203200 0.823 0.411

L15.Water -3.674916 1.292174 -2.844 0.004

L15.Temp -1.538051 1.008570 -1.525 0.127

L15.Precip. horaria 0.004584 0.002297 1.996 0.046

L15.Temp. prom aire -0.000458 0.000277 -1.650 0.099

L16.Conduct -0.015006 0.136229 -0.110 0.912

L16.Water 2.325318 1.066898 2.180 0.029

L16.Temp 0.160006 0.992283 0.161 0.872

L16.Precip. horaria -0.001852 0.002223 -0.833 0.405

L16.Temp. prom aire 0.000082 0.000279 0.295 0.768

L17.Conduct -0.036385 0.076712 -0.474 0.635

L17.Water -1.228822 0.927350 -1.325 0.185

L17.Temp 0.229452 0.990669 0.232 0.817

L17.Precip. horaria 0.005949 0.002243 2.652 0.008

L17.Temp. prom aire -0.000312 0.000278 -1.122 0.262

L18.Conduct 0.064471 0.055694 1.158 0.247

L18.Water 0.189685 0.888429 0.214 0.831

L18.Temp 0.116146 0.987090 0.118 0.906

L18.Precip. horaria -0.002604 0.002278 -1.143 0.253

L18.Temp. prom aire -0.000369 0.000280 -1.316 0.188

L19.Conduct -0.104780 0.054567 -1.920 0.055

L19.Water 0.752846 0.874381 0.861 0.389

L19.Temp 0.110173 0.964381 0.114 0.909

L19.Precip. horaria 0.002449 0.002248 1.089 0.276

L19.Temp. prom aire 0.000102 0.000278 0.369 0.712

L20.Conduct 0.115122 0.052871 2.177 0.029

L20.Water -1.230672 0.826892 -1.488 0.137

L20.Temp -1.332544 0.913506 -1.459 0.145

L20.Precip. horaria -0.003641 0.002274 -1.601 0.109

L20.Temp. prom aire 0.000426 0.000277 1.540 0.124

L21.Conduct -0.069353 0.048979 -1.416 0.157

L21.Water 1.030115 0.705039 1.461 0.144

L21.Temp 2.181011 0.795058 2.743 0.006

L21.Precip. horaria -0.003151 0.002232 -1.412 0.158

L21.Temp. prom aire -0.000232 0.000279 -0.833 0.405

L22.Conduct 0.016232 0.042987 0.378 0.706

L22.Water -0.522481 0.490858 -1.064 0.287

L22.Temp -1.633212 0.570464 -2.863 0.004

L22.Precip. horaria 0.000256 0.002209 0.116 0.908

L22.Temp. prom aire -0.000154 0.000283 -0.543 0.587

L23.Conduct 0.004614 0.026235 0.176 0.860

L23.Water 0.153655 0.232943 0.660 0.509

L23.Temp 0.616986 0.279547 2.207 0.027

L23.Precip. horaria -0.001464 0.002172 -0.674 0.500

L23.Temp. prom aire -0.000559 0.000284 -1.967 0.049

L24.Conduct -0.003062 0.007054 -0.434 0.664

L24.Water -0.019033 0.052674 -0.361 0.718

L24.Temp -0.102939 0.065507 -1.571 0.116

L24.Precip. horaria 0.000384 0.002139 0.180 0.858

L24.Temp. prom aire -0.000031 0.000269 -0.114 0.909

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.477983 0.214510 -2.228 0.026

L1.Conduct 0.148551 0.340431 0.436 0.663

L1.Water -3.861573 2.014449 -1.917 0.055

L1.Temp -0.768906 1.391588 -0.553 0.581

L1.Precip. horaria 0.131932 0.054634 2.415 0.016

L1.Temp. prom aire 0.003334 0.006469 0.515 0.606

L2.Conduct -0.537870 1.517908 -0.354 0.723

L2.Water 15.126720 8.776263 1.724 0.085

L2.Temp 3.664298 5.567487 0.658 0.510

L2.Precip. horaria -0.089264 0.053631 -1.664 0.096

L2.Temp. prom aire 0.001275 0.006820 0.187 0.852

L3.Conduct 2.750042 3.242118 0.848 0.396

L3.Water -35.661465 18.223968 -1.957 0.050

L3.Temp -10.528921 10.487615 -1.004 0.315

L3.Precip. horaria 0.262719 0.052857 4.970 0.000

L3.Temp. prom aire -0.005933 0.006824 -0.869 0.385

L4.Conduct -8.556881 4.683356 -1.827 0.068

L4.Water 69.833560 25.745683 2.712 0.007

L4.Temp 21.588409 13.512150 1.598 0.110

L4.Precip. horaria -0.176419 0.054019 -3.266 0.001

L4.Temp. prom aire -0.006345 0.006918 -0.917 0.359

L5.Conduct 14.967404 5.471500 2.736 0.006

L5.Water -99.164988 29.920982 -3.314 0.001

L5.Temp -30.029501 14.632434 -2.052 0.040

L5.Precip. horaria 0.087675 0.054577 1.606 0.108

L5.Temp. prom aire 0.003338 0.006879 0.485 0.628

L6.Conduct -18.139984 5.807569 -3.124 0.002

L6.Water 98.491301 32.011346 3.077 0.002

L6.Temp 31.070431 15.021328 2.068 0.039

L6.Precip. horaria -0.200518 0.054747 -3.663 0.000

L6.Temp. prom aire -0.001239 0.006881 -0.180 0.857

L7.Conduct 18.202838 5.939672 3.065 0.002

L7.Water -82.570269 32.741840 -2.522 0.012

L7.Temp -31.934331 16.595752 -1.924 0.054

L7.Precip. horaria 0.130167 0.055867 2.330 0.020

L7.Temp. prom aire 0.002278 0.006883 0.331 0.741

L8.Conduct -15.424597 5.854224 -2.635 0.008

L8.Water 67.856201 32.113466 2.113 0.035

L8.Temp 37.212486 20.241425 1.838 0.066

L8.Precip. horaria 0.004341 0.055628 0.078 0.938

L8.Temp. prom aire 0.001470 0.006947 0.212 0.832

L9.Conduct 9.540734 5.650923 1.688 0.091

L9.Water -44.447595 31.431067 -1.414 0.157

L9.Temp -39.409315 24.483393 -1.610 0.107

L9.Precip. horaria 0.227653 0.056143 4.055 0.000

L9.Temp. prom aire 0.009724 0.006911 1.407 0.159

L10.Conduct -2.204852 5.672675 -0.389 0.698

L10.Water 14.450155 32.063378 0.451 0.652

L10.Temp 33.409905 27.544705 1.213 0.225

L10.Precip. horaria -0.128343 0.057300 -2.240 0.025

L10.Temp. prom aire -0.006918 0.006956 -0.995 0.320

L11.Conduct -4.294053 5.933629 -0.724 0.469

L11.Water 7.475107 33.858831 0.221 0.825

L11.Temp -24.947549 28.528749 -0.874 0.382

L11.Precip. horaria -0.085446 0.057365 -1.490 0.136

L11.Temp. prom aire -0.002668 0.006894 -0.387 0.699

L12.Conduct 8.477853 6.238197 1.359 0.174

L12.Water -14.450584 36.028580 -0.401 0.688

L12.Temp 22.503868 27.876537 0.807 0.420

L12.Precip. horaria -0.083659 0.057424 -1.457 0.145

L12.Temp. prom aire -0.004141 0.006897 -0.600 0.548

L13.Conduct -9.584701 6.431252 -1.490 0.136

L13.Water 8.716808 37.532675 0.232 0.816

L13.Temp -26.651107 26.690542 -0.999 0.318

L13.Precip. horaria 0.115302 0.057347 2.011 0.044

L13.Temp. prom aire 0.005959 0.006968 0.855 0.392

L14.Conduct 7.513441 6.168381 1.218 0.223

L14.Water -0.492275 36.725702 -0.013 0.989

L14.Temp 26.069206 25.847242 1.009 0.313

L14.Precip. horaria 0.006677 0.057521 0.116 0.908

L14.Temp. prom aire 0.007358 0.006970 1.056 0.291

L15.Conduct -3.680203 5.112104 -0.720 0.472

L15.Water -3.338870 32.508476 -0.103 0.918

L15.Temp -11.034441 25.373570 -0.435 0.664

L15.Precip. horaria 0.026272 0.057794 0.455 0.649

L15.Temp. prom aire -0.000336 0.006975 -0.048 0.962

L16.Conduct 0.999511 3.427237 0.292 0.771

L16.Water 0.082715 26.840979 0.003 0.998

L16.Temp -12.217531 24.963833 -0.489 0.625

L16.Precip. horaria -0.134447 0.055935 -2.404 0.016

L16.Temp. prom aire -0.002949 0.007011 -0.421 0.674

L17.Conduct -0.954253 1.929926 -0.494 0.621

L17.Water 12.965161 23.330235 0.556 0.578

L17.Temp 30.644496 24.923226 1.230 0.219

L17.Precip. horaria -0.059205 0.056431 -1.049 0.294

L17.Temp. prom aire 0.003145 0.007003 0.449 0.653

L18.Conduct 2.406331 1.401137 1.717 0.086

L18.Water -28.764344 22.351070 -1.287 0.198

L18.Temp -39.992637 24.833185 -1.610 0.107

L18.Precip. horaria 0.023864 0.057299 0.416 0.677

L18.Temp. prom aire 0.004586 0.007053 0.650 0.516

L19.Conduct -3.842240 1.372785 -2.799 0.005

L19.Water 38.898471 21.997642 1.768 0.077

L19.Temp 44.306611 24.261866 1.826 0.068

L19.Precip. horaria 0.036479 0.056564 0.645 0.519

L19.Temp. prom aire 0.001693 0.006987 0.242 0.809

L20.Conduct 4.508141 1.330117 3.389 0.001

L20.Water -43.189139 20.802914 -2.076 0.038

L20.Temp -44.580788 22.981955 -1.940 0.052

L20.Precip. horaria 0.066285 0.057201 1.159 0.247

L20.Temp. prom aire 0.001335 0.006961 0.192 0.848

L21.Conduct -4.034638 1.232216 -3.274 0.001

L21.Water 39.399109 17.737337 2.221 0.026

L21.Temp 36.127854 20.002031 1.806 0.071

L21.Precip. horaria -0.124357 0.056146 -2.215 0.027

L21.Temp. prom aire 0.023704 0.007021 3.376 0.001

L22.Conduct 2.472791 1.081469 2.287 0.022

L22.Water -25.648864 12.348978 -2.077 0.038

L22.Temp -20.065511 14.351712 -1.398 0.162

L22.Precip. horaria -0.045826 0.055583 -0.824 0.410

L22.Temp. prom aire -0.020835 0.007128 -2.923 0.003

L23.Conduct -0.840553 0.660025 -1.274 0.203

L23.Water 10.099838 5.860384 1.723 0.085

L23.Temp 6.272836 7.032825 0.892 0.372

L23.Precip. horaria -0.009761 0.054638 -0.179 0.858

L23.Temp. prom aire 0.004973 0.007147 0.696 0.487

L24.Conduct 0.106942 0.177455 0.603 0.547

L24.Water -1.792165 1.325160 -1.352 0.176

L24.Temp -0.716020 1.648017 -0.434 0.664

L24.Precip. horaria -0.033678 0.053823 -0.626 0.531

L24.Temp. prom aire 0.005025 0.006779 0.741 0.459

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.341646 1.791388 0.191 0.849

L1.Conduct 3.412091 2.842961 1.200 0.230

L1.Water -28.527437 16.822806 -1.696 0.090

L1.Temp -5.383368 11.621249 -0.463 0.643

L1.Precip. horaria -0.044645 0.456248 -0.098 0.922

L1.Temp. prom aire 0.377188 0.054024 6.982 0.000

L2.Conduct -15.130644 12.676157 -1.194 0.233

L2.Water 114.877289 73.291186 1.567 0.117

L2.Temp 13.100291 46.494473 0.282 0.778

L2.Precip. horaria -0.467626 0.447875 -1.044 0.296

L2.Temp. prom aire 0.079697 0.056958 1.399 0.162

L3.Conduct 32.153126 27.075151 1.188 0.235

L3.Water -216.280510 152.189635 -1.421 0.155

L3.Temp -0.025895 87.582809 -0.000 1.000

L3.Precip. horaria -0.185482 0.441409 -0.420 0.674

L3.Temp. prom aire 0.047073 0.056987 0.826 0.409

L4.Conduct -39.929070 39.111031 -1.021 0.307

L4.Water 256.574613 215.003999 1.193 0.233

L4.Temp 9.350755 112.840911 0.083 0.934

L4.Precip. horaria 0.244275 0.451119 0.541 0.588

L4.Temp. prom aire 0.029359 0.057772 0.508 0.611

L5.Conduct 28.975553 45.692880 0.634 0.526

L5.Water -210.380492 249.872213 -0.842 0.400

L5.Temp -54.429723 122.196478 -0.445 0.656

L5.Precip. horaria -0.342332 0.455772 -0.751 0.453

L5.Temp. prom aire -0.021071 0.057451 -0.367 0.714

L6.Conduct -13.094193 48.499418 -0.270 0.787

L6.Water 131.850702 267.328989 0.493 0.622

L6.Temp -0.015461 125.444163 -0.000 1.000

L6.Precip. horaria 0.246398 0.457192 0.539 0.590

L6.Temp. prom aire -0.069825 0.057465 -1.215 0.224

L7.Conduct 6.030385 49.602614 0.122 0.903

L7.Water -75.803127 273.429402 -0.277 0.782

L7.Temp 170.940892 138.592284 1.233 0.217

L7.Precip. horaria 0.206266 0.466550 0.442 0.658

L7.Temp. prom aire 0.146267 0.057477 2.545 0.011

L8.Conduct -0.515498 48.889033 -0.011 0.992

L8.Water 21.254037 268.181802 0.079 0.937

L8.Temp -305.799293 169.037555 -1.809 0.070

L8.Precip. horaria -0.199837 0.464556 -0.430 0.667

L8.Temp. prom aire -0.023915 0.058012 -0.412 0.680

L9.Conduct -13.255608 47.191256 -0.281 0.779

L9.Water 71.687679 262.483042 0.273 0.785

L9.Temp 356.988491 204.462529 1.746 0.081

L9.Precip. horaria 0.273352 0.468858 0.583 0.560

L9.Temp. prom aire -0.094286 0.057713 -1.634 0.102

L10.Conduct 29.344403 47.372908 0.619 0.536

L10.Water -179.624940 267.763512 -0.671 0.502

L10.Temp -380.926883 230.027764 -1.656 0.098

L10.Precip. horaria 0.560096 0.478513 1.170 0.242

L10.Temp. prom aire -0.017064 0.058091 -0.294 0.769

L11.Conduct -27.472474 49.552148 -0.554 0.579

L11.Water 203.984138 282.757466 0.721 0.471

L11.Temp 391.776221 238.245585 1.644 0.100

L11.Precip. horaria 0.793838 0.479061 1.657 0.098

L11.Temp. prom aire -0.042890 0.057575 -0.745 0.456

L12.Conduct -1.132808 52.095619 -0.022 0.983

L12.Water -100.199820 300.877193 -0.333 0.739

L12.Temp -331.755602 232.798915 -1.425 0.154

L12.Precip. horaria -0.049369 0.479552 -0.103 0.918

L12.Temp. prom aire -0.026512 0.057599 -0.460 0.645

L13.Conduct 40.380623 53.707835 0.752 0.452

L13.Water -46.661090 313.437995 -0.149 0.882

L13.Temp 175.616597 222.894584 0.788 0.431

L13.Precip. horaria -0.374430 0.478912 -0.782 0.434

L13.Temp. prom aire 0.041517 0.058187 0.714 0.476

L14.Conduct -66.763592 51.512583 -1.296 0.195

L14.Water 149.039610 306.698912 0.486 0.627

L14.Temp -16.201051 215.852127 -0.075 0.940

L14.Precip. horaria -0.937326 0.480365 -1.951 0.051

L14.Temp. prom aire 0.094490 0.058205 1.623 0.105

L15.Conduct 63.452917 42.691542 1.486 0.137

L15.Water -183.121645 271.480560 -0.675 0.500

L15.Temp -102.314899 211.896461 -0.483 0.629

L15.Precip. horaria 0.230952 0.482644 0.479 0.632

L15.Temp. prom aire -0.014465 0.058251 -0.248 0.804

L16.Conduct -35.641162 28.621099 -1.245 0.213

L16.Water 160.052623 224.150899 0.714 0.475

L16.Temp 225.244967 208.474720 1.080 0.280

L16.Precip. horaria -0.522031 0.467114 -1.118 0.264

L16.Temp. prom aire -0.073057 0.058547 -1.248 0.212

L17.Conduct 12.436314 16.116948 0.772 0.440

L17.Water -133.112130 194.832424 -0.683 0.494

L17.Temp -317.487310 208.135604 -1.525 0.127

L17.Precip. horaria 0.955860 0.471258 2.028 0.043

L17.Temp. prom aire 0.089708 0.058484 1.534 0.125

L18.Conduct -11.566408 11.700994 -0.988 0.323

L18.Water 174.474817 186.655354 0.935 0.350

L18.Temp 339.235812 207.383666 1.636 0.102

L18.Precip. horaria 0.465221 0.478506 0.972 0.331

L18.Temp. prom aire -0.029580 0.058899 -0.502 0.616

L19.Conduct 17.282043 11.464220 1.507 0.132

L19.Water -268.089321 183.703850 -1.459 0.144

L19.Temp -324.542709 202.612542 -1.602 0.109

L19.Precip. horaria -0.156549 0.472371 -0.331 0.740

L19.Temp. prom aire 0.001758 0.058348 0.030 0.976

L20.Conduct -8.596116 11.107904 -0.774 0.439

L20.Water 289.889946 173.726593 1.669 0.095

L20.Temp 284.868817 191.923918 1.484 0.138

L20.Precip. horaria -0.462668 0.477687 -0.969 0.333

L20.Temp. prom aire -0.089831 0.058132 -1.545 0.122

L21.Conduct -6.174118 10.290326 -0.600 0.549

L21.Water -194.254951 148.125742 -1.311 0.190

L21.Temp -207.715124 167.038362 -1.244 0.214

L21.Precip. horaria 0.409480 0.468881 0.873 0.382

L21.Temp. prom aire 0.049778 0.058634 0.849 0.396

L22.Conduct 8.146799 9.031421 0.902 0.367

L22.Water 80.421974 103.127179 0.780 0.435

L22.Temp 109.328140 119.852156 0.912 0.362

L22.Precip. horaria -0.051543 0.464180 -0.111 0.912

L22.Temp. prom aire 0.020706 0.059522 0.348 0.728

L23.Conduct -1.949640 5.511916 -0.354 0.724

L23.Water -22.317539 48.940476 -0.456 0.648

L23.Temp -32.789103 58.731614 -0.558 0.577

L23.Precip. horaria 0.490136 0.456289 1.074 0.283

L23.Temp. prom aire 0.067329 0.059681 1.128 0.259

L24.Conduct -0.377905 1.481938 -0.255 0.799

L24.Water 4.257030 11.066502 0.385 0.700

L24.Temp 3.260808 13.762709 0.237 0.813

L24.Precip. horaria 0.007751 0.449478 0.017 0.986

L24.Temp. prom aire -0.104022 0.056612 -1.837 0.066

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.735232 0.102227 -0.060244 -0.002579

Water 0.735232 1.000000 -0.074679 -0.145133 0.019952

Temp 0.102227 -0.074679 1.000000 0.036697 -0.023164

Precip. horaria -0.060244 -0.145133 0.036697 1.000000 0.094639

Temp. prom aire -0.002579 0.019952 -0.023164 0.094639 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.6856

Nobs: 464.000 HQIC: -26.9586

Log likelihood: 4060.43 FPE: 2.48877e-13

AIC: -29.0835 Det(Omega\_mle): 7.81260e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.050999 0.012524 4.072 0.000

L1.Conduct 4.030994 0.130723 30.836 0.000

L1.Water 0.000358 0.239540 0.001 0.999

L1.Temp -0.298105 0.074360 -4.009 0.000

L1.Precip. horaria -0.005514 0.004546 -1.213 0.225

L1.Temp. prom aire -0.000486 0.000553 -0.878 0.380

L2.Conduct -6.915170 0.576002 -12.005 0.000

L2.Water -0.318932 1.036111 -0.308 0.758

L2.Temp 1.328008 0.274651 4.835 0.000

L2.Precip. horaria 0.001666 0.004602 0.362 0.717

L2.Temp. prom aire 0.000610 0.000590 1.035 0.301

L3.Conduct 6.796727 1.185633 5.733 0.000

L3.Water 1.284020 2.080814 0.617 0.537

L3.Temp -2.624925 0.470016 -5.585 0.000

L3.Precip. horaria -0.008389 0.004591 -1.827 0.068

L3.Temp. prom aire -0.001234 0.000591 -2.088 0.037

L4.Conduct -4.513496 1.612616 -2.799 0.005

L4.Water -2.230024 2.763456 -0.807 0.420

L4.Temp 3.069294 0.561238 5.469 0.000

L4.Precip. horaria -0.000542 0.004671 -0.116 0.908

L4.Temp. prom aire 0.001035 0.000596 1.737 0.082

L5.Conduct 2.145893 1.786892 1.201 0.230

L5.Water 2.800054 3.020749 0.927 0.354

L5.Temp -2.403395 0.589075 -4.080 0.000

L5.Precip. horaria 0.000965 0.004711 0.205 0.838

L5.Temp. prom aire 0.000449 0.000595 0.755 0.450

L6.Conduct 0.304265 1.840795 0.165 0.869

L6.Water -4.060758 3.114130 -1.304 0.192

L6.Temp 1.280401 0.613744 2.086 0.037

L6.Precip. horaria 0.000157 0.004680 0.034 0.973

L6.Temp. prom aire -0.000042 0.000595 -0.070 0.944

L7.Conduct -3.994277 1.807869 -2.209 0.027

L7.Water 5.938637 3.088994 1.923 0.055

L7.Temp -0.082178 0.734142 -0.112 0.911

L7.Precip. horaria 0.001211 0.004700 0.258 0.797

L7.Temp. prom aire 0.000179 0.000597 0.300 0.765

L8.Conduct 7.908677 1.696413 4.662 0.000

L8.Water -5.974127 2.943250 -2.030 0.042

L8.Temp -1.385626 0.989875 -1.400 0.162

L8.Precip. horaria 0.002901 0.004704 0.617 0.537

L8.Temp. prom aire -0.000244 0.000598 -0.409 0.683

L9.Conduct -8.794910 1.680770 -5.233 0.000

L9.Water 2.604425 2.936483 0.887 0.375

L9.Temp 3.114054 1.287901 2.418 0.016

L9.Precip. horaria -0.000787 0.004695 -0.168 0.867

L9.Temp. prom aire -0.000554 0.000590 -0.939 0.348

L10.Conduct 6.365961 1.836543 3.466 0.001

L10.Water 2.051481 3.163176 0.649 0.517

L10.Temp -4.391485 1.511292 -2.906 0.004

L10.Precip. horaria -0.005254 0.004747 -1.107 0.268

L10.Temp. prom aire -0.000336 0.000587 -0.572 0.567

L11.Conduct -3.525218 1.971489 -1.788 0.074

L11.Water -4.747674 3.361467 -1.412 0.158

L11.Temp 4.425368 1.605796 2.756 0.006

L11.Precip. horaria -0.002852 0.004758 -0.599 0.549

L11.Temp. prom aire 0.000283 0.000583 0.484 0.628

L12.Conduct 1.867962 2.029450 0.920 0.357

L12.Water 5.210981 3.488148 1.494 0.135

L12.Temp -3.150709 1.611280 -1.955 0.051

L12.Precip. horaria 0.000226 0.004862 0.046 0.963

L12.Temp. prom aire -0.000057 0.000585 -0.097 0.922

L13.Conduct -1.158245 1.989987 -0.582 0.561

L13.Water -5.330582 3.464929 -1.538 0.124

L13.Temp 1.313204 1.584730 0.829 0.407

L13.Precip. horaria 0.003216 0.004875 0.660 0.509

L13.Temp. prom aire 0.000476 0.000583 0.816 0.415

L14.Conduct 0.206555 1.827463 0.113 0.910

L14.Water 5.489018 3.218310 1.706 0.088

L14.Temp 0.282526 1.545451 0.183 0.855

L14.Precip. horaria 0.007920 0.004883 1.622 0.105

L14.Temp. prom aire 0.000193 0.000585 0.330 0.742

L15.Conduct 1.402576 1.576558 0.890 0.374

L15.Water -4.129505 2.840138 -1.454 0.146

L15.Temp -1.502051 1.474788 -1.018 0.308

L15.Precip. horaria -0.001864 0.004868 -0.383 0.702

L15.Temp. prom aire 0.000745 0.000589 1.265 0.206

L16.Conduct -2.290217 1.342719 -1.706 0.088

L16.Water 1.284824 2.527825 0.508 0.611

L16.Temp 2.473368 1.385455 1.785 0.074

L16.Precip. horaria 0.015297 0.004760 3.214 0.001

L16.Temp. prom aire 0.000208 0.000589 0.352 0.725

L17.Conduct 1.958207 1.164355 1.682 0.093

L17.Water 0.831867 2.304764 0.361 0.718

L17.Temp -3.024307 1.368860 -2.209 0.027

L17.Precip. horaria 0.001623 0.004894 0.332 0.740

L17.Temp. prom aire 0.000882 0.000591 1.493 0.136

L18.Conduct -1.225569 0.979378 -1.251 0.211

L18.Water -1.781488 2.084263 -0.855 0.393

L18.Temp 2.817523 1.393849 2.021 0.043

L18.Precip. horaria 0.007730 0.004830 1.600 0.110

L18.Temp. prom aire -0.000156 0.000598 -0.260 0.795

L19.Conduct 0.560808 0.823717 0.681 0.496

L19.Water 3.322149 1.921493 1.729 0.084

L19.Temp -1.898154 1.382189 -1.373 0.170

L19.Precip. horaria 0.001259 0.004774 0.264 0.792

L19.Temp. prom aire 0.000033 0.000597 0.055 0.956

L20.Conduct 0.042345 0.739991 0.057 0.954

L20.Water -5.826435 1.811487 -3.216 0.001

L20.Temp 0.925884 1.310665 0.706 0.480

L20.Precip. horaria 0.004541 0.004799 0.946 0.344

L20.Temp. prom aire 0.001122 0.000597 1.880 0.060

L21.Conduct -0.734039 0.669380 -1.097 0.273

L21.Water 7.041677 1.635259 4.306 0.000

L21.Temp -0.408566 1.139792 -0.358 0.720

L21.Precip. horaria -0.000590 0.004688 -0.126 0.900

L21.Temp. prom aire -0.000342 0.000602 -0.568 0.570

L22.Conduct 1.093556 0.520858 2.100 0.036

L22.Water -5.292003 1.239403 -4.270 0.000

L22.Temp 0.169693 0.824675 0.206 0.837

L22.Precip. horaria 0.005243 0.004647 1.128 0.259

L22.Temp. prom aire 0.000327 0.000613 0.533 0.594

L23.Conduct -0.702737 0.274128 -2.564 0.010

L23.Water 2.254443 0.628099 3.589 0.000

L23.Temp -0.018325 0.411734 -0.045 0.965

L23.Precip. horaria -0.003819 0.004579 -0.834 0.404

L23.Temp. prom aire -0.000040 0.000618 -0.065 0.948

L24.Conduct 0.167470 0.066482 2.519 0.012

L24.Water -0.422587 0.146568 -2.883 0.004

L24.Temp -0.015144 0.098675 -0.153 0.878

L24.Precip. horaria 0.006724 0.004489 1.498 0.134

L24.Temp. prom aire 0.000584 0.000582 1.004 0.315

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.027356 0.006811 4.017 0.000

L1.Conduct -0.153478 0.071089 -2.159 0.031

L1.Water 4.256978 0.130265 32.679 0.000

L1.Temp -0.164599 0.040438 -4.070 0.000

L1.Precip. horaria -0.002366 0.002472 -0.957 0.339

L1.Temp. prom aire -0.000283 0.000301 -0.940 0.347

L2.Conduct 0.636478 0.313238 2.032 0.042

L2.Water -7.982808 0.563452 -14.168 0.000

L2.Temp 0.743967 0.149360 4.981 0.000

L2.Precip. horaria 0.003669 0.002503 1.466 0.143

L2.Temp. prom aire 0.000349 0.000321 1.090 0.276

L3.Conduct -1.121167 0.644765 -1.739 0.082

L3.Water 9.027228 1.131578 7.978 0.000

L3.Temp -1.524267 0.255602 -5.963 0.000

L3.Precip. horaria -0.004823 0.002496 -1.932 0.053

L3.Temp. prom aire -0.000553 0.000321 -1.722 0.085

L4.Conduct 1.045150 0.876965 1.192 0.233

L4.Water -7.135981 1.502809 -4.748 0.000

L4.Temp 1.855804 0.305210 6.080 0.000

L4.Precip. horaria 0.002274 0.002540 0.895 0.371

L4.Temp. prom aire 0.000313 0.000324 0.966 0.334

L5.Conduct -0.632855 0.971739 -0.651 0.515

L5.Water 4.587563 1.642729 2.793 0.005

L5.Temp -1.479367 0.320348 -4.618 0.000

L5.Precip. horaria 0.000968 0.002562 0.378 0.706

L5.Temp. prom aire 0.000089 0.000323 0.275 0.783

L6.Conduct 0.741656 1.001052 0.741 0.459

L6.Water -3.313375 1.693510 -1.957 0.050

L6.Temp 0.800779 0.333763 2.399 0.016

L6.Precip. horaria 0.000997 0.002545 0.392 0.695

L6.Temp. prom aire 0.000075 0.000324 0.233 0.816

L7.Conduct -1.537352 0.983146 -1.564 0.118

L7.Water 2.322545 1.679841 1.383 0.167

L7.Temp -0.157764 0.399237 -0.395 0.693

L7.Precip. horaria 0.001955 0.002556 0.765 0.444

L7.Temp. prom aire 0.000003 0.000324 0.009 0.993

L8.Conduct 2.105796 0.922535 2.283 0.022

L8.Water 0.392812 1.600583 0.245 0.806

L8.Temp -0.606377 0.538309 -1.126 0.260

L8.Precip. horaria -0.000583 0.002558 -0.228 0.820

L8.Temp. prom aire -0.000106 0.000325 -0.327 0.744

L9.Conduct -1.745807 0.914028 -1.910 0.056

L9.Water -3.701902 1.596904 -2.318 0.020

L9.Temp 1.586532 0.700380 2.265 0.023

L9.Precip. horaria -0.001278 0.002553 -0.501 0.617

L9.Temp. prom aire -0.000325 0.000321 -1.013 0.311

L10.Conduct 1.019906 0.998740 1.021 0.307

L10.Water 5.211529 1.720182 3.030 0.002

L10.Temp -2.403344 0.821863 -2.924 0.003

L10.Precip. horaria -0.000192 0.002581 -0.074 0.941

L10.Temp. prom aire -0.000126 0.000319 -0.395 0.693

L11.Conduct -0.663345 1.072125 -0.619 0.536

L11.Water -4.754582 1.828016 -2.601 0.009

L11.Temp 2.528388 0.873256 2.895 0.004

L11.Precip. horaria -0.005038 0.002587 -1.947 0.052

L11.Temp. prom aire 0.000345 0.000317 1.088 0.277

L12.Conduct 0.546803 1.103645 0.495 0.620

L12.Water 3.822838 1.896907 2.015 0.044

L12.Temp -1.808931 0.876238 -2.064 0.039

L12.Precip. horaria -0.000231 0.002644 -0.087 0.930

L12.Temp. prom aire -0.000068 0.000318 -0.212 0.832

L13.Conduct -0.273719 1.082185 -0.253 0.800

L13.Water -3.780418 1.884280 -2.006 0.045

L13.Temp 0.712886 0.861800 0.827 0.408

L13.Precip. horaria 0.001900 0.002651 0.717 0.473

L13.Temp. prom aire 0.000024 0.000317 0.076 0.940

L14.Conduct -0.379073 0.993802 -0.381 0.703

L14.Water 4.115979 1.750165 2.352 0.019

L14.Temp 0.257654 0.840439 0.307 0.759

L14.Precip. horaria 0.005784 0.002655 2.178 0.029

L14.Temp. prom aire 0.000224 0.000318 0.705 0.481

L15.Conduct 1.091232 0.857356 1.273 0.203

L15.Water -3.046794 1.544509 -1.973 0.049

L15.Temp -1.071246 0.802012 -1.336 0.182

L15.Precip. horaria 0.001049 0.002647 0.396 0.692

L15.Temp. prom aire 0.000142 0.000320 0.443 0.658

L16.Conduct -1.182445 0.730191 -1.619 0.105

L16.Water 0.727028 1.374669 0.529 0.597

L16.Temp 1.699700 0.753431 2.256 0.024

L16.Precip. horaria 0.004105 0.002589 1.586 0.113

L16.Temp. prom aire 0.000071 0.000320 0.222 0.824

L17.Conduct 0.755443 0.633194 1.193 0.233

L17.Water 0.988268 1.253365 0.788 0.430

L17.Temp -1.946341 0.744406 -2.615 0.009

L17.Precip. horaria 0.003518 0.002661 1.322 0.186

L17.Temp. prom aire 0.000226 0.000321 0.702 0.483

L18.Conduct -0.396106 0.532600 -0.744 0.457

L18.Water -1.628527 1.133454 -1.437 0.151

L18.Temp 1.702295 0.757996 2.246 0.025

L18.Precip. horaria 0.005992 0.002627 2.281 0.023

L18.Temp. prom aire -0.000185 0.000325 -0.568 0.570

L19.Conduct 0.160698 0.447950 0.359 0.720

L19.Water 2.432405 1.044937 2.328 0.020

L19.Temp -1.062101 0.751655 -1.413 0.158

L19.Precip. horaria -0.002354 0.002596 -0.907 0.365

L19.Temp. prom aire 0.000123 0.000325 0.378 0.706

L20.Conduct 0.235518 0.402418 0.585 0.558

L20.Water -4.018496 0.985114 -4.079 0.000

L20.Temp 0.427189 0.712759 0.599 0.549

L20.Precip. horaria 0.003396 0.002610 1.301 0.193

L20.Temp. prom aire 0.000535 0.000325 1.649 0.099

L21.Conduct -0.742216 0.364019 -2.039 0.041

L21.Water 4.877370 0.889278 5.485 0.000

L21.Temp -0.106976 0.619836 -0.173 0.863

L21.Precip. horaria 0.001627 0.002550 0.638 0.523

L21.Temp. prom aire -0.000582 0.000327 -1.780 0.075

L22.Conduct 0.858096 0.283250 3.029 0.002

L22.Water -3.629487 0.674006 -5.385 0.000

L22.Temp -0.013154 0.448471 -0.029 0.977

L22.Precip. horaria 0.002482 0.002527 0.982 0.326

L22.Temp. prom aire 0.000568 0.000333 1.705 0.088

L23.Conduct -0.468796 0.149075 -3.145 0.002

L23.Water 1.498492 0.341570 4.387 0.000

L23.Temp 0.053848 0.223907 0.240 0.810

L23.Precip. horaria -0.002738 0.002490 -1.100 0.272

L23.Temp. prom aire -0.000072 0.000336 -0.213 0.831

L24.Conduct 0.098857 0.036154 2.734 0.006

L24.Water -0.269001 0.079706 -3.375 0.001

L24.Temp -0.025968 0.053661 -0.484 0.628

L24.Precip. horaria 0.003770 0.002441 1.544 0.123

L24.Temp. prom aire 0.000239 0.000316 0.754 0.451

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.015174 0.009185 1.652 0.099

L1.Conduct -0.277596 0.095867 -2.896 0.004

L1.Water 0.417548 0.175669 2.377 0.017

L1.Temp 3.523411 0.054533 64.610 0.000

L1.Precip. horaria 0.001566 0.003334 0.470 0.639

L1.Temp. prom aire 0.000512 0.000405 1.262 0.207

L2.Conduct 1.282343 0.422418 3.036 0.002

L2.Water -2.132014 0.759845 -2.806 0.005

L2.Temp -4.920193 0.201419 -24.428 0.000

L2.Precip. horaria -0.000798 0.003375 -0.236 0.813

L2.Temp. prom aire 0.000911 0.000432 2.108 0.035

L3.Conduct -2.707873 0.869500 -3.114 0.002

L3.Water 4.913976 1.525992 3.220 0.001

L3.Temp 3.348185 0.344692 9.714 0.000

L3.Precip. horaria 0.003933 0.003367 1.168 0.243

L3.Temp. prom aire -0.001127 0.000433 -2.601 0.009

L4.Conduct 3.592443 1.182633 3.038 0.002

L4.Water -6.923316 2.026617 -3.416 0.001

L4.Temp -0.817474 0.411591 -1.986 0.047

L4.Precip. horaria 0.002638 0.003426 0.770 0.441

L4.Temp. prom aire -0.000154 0.000437 -0.352 0.725

L5.Conduct -3.445011 1.310441 -2.629 0.009

L5.Water 6.815324 2.215306 3.076 0.002

L5.Temp -0.587092 0.432006 -1.359 0.174

L5.Precip. horaria 0.006716 0.003455 1.944 0.052

L5.Temp. prom aire -0.000072 0.000436 -0.165 0.869

L6.Conduct 2.443360 1.349971 1.810 0.070

L6.Water -4.787636 2.283788 -2.096 0.036

L6.Temp 0.888479 0.450097 1.974 0.048

L6.Precip. horaria -0.003809 0.003432 -1.110 0.267

L6.Temp. prom aire -0.000055 0.000437 -0.126 0.900

L7.Conduct -1.046629 1.325824 -0.789 0.430

L7.Water 1.751498 2.265355 0.773 0.439

L7.Temp -1.768537 0.538392 -3.285 0.001

L7.Precip. horaria 0.004446 0.003447 1.290 0.197

L7.Temp. prom aire 0.000332 0.000438 0.758 0.448

L8.Conduct -0.584851 1.244087 -0.470 0.638

L8.Water 1.874081 2.158471 0.868 0.385

L8.Temp 3.910764 0.725938 5.387 0.000

L8.Precip. horaria -0.004042 0.003450 -1.172 0.241

L8.Temp. prom aire 0.000120 0.000439 0.274 0.784

L9.Conduct 2.718380 1.232615 2.205 0.027

L9.Water -6.657243 2.153509 -3.091 0.002

L9.Temp -4.943224 0.944499 -5.234 0.000

L9.Precip. horaria 0.003447 0.003443 1.001 0.317

L9.Temp. prom aire -0.000182 0.000433 -0.421 0.674

L10.Conduct -4.922075 1.346853 -3.654 0.000

L10.Water 11.849863 2.319757 5.108 0.000

L10.Temp 3.644982 1.108326 3.289 0.001

L10.Precip. horaria -0.002289 0.003481 -0.657 0.511

L10.Temp. prom aire -0.000237 0.000431 -0.550 0.582

L11.Conduct 6.070202 1.445817 4.198 0.000

L11.Water -14.540882 2.465176 -5.899 0.000

L11.Temp -1.688310 1.177632 -1.434 0.152

L11.Precip. horaria 0.004070 0.003489 1.166 0.243

L11.Temp. prom aire -0.000138 0.000428 -0.322 0.747

L12.Conduct -5.456676 1.488324 -3.666 0.000

L12.Water 12.919574 2.558079 5.050 0.000

L12.Temp 0.660164 1.181654 0.559 0.576

L12.Precip. horaria -0.005806 0.003566 -1.628 0.103

L12.Temp. prom aire -0.000916 0.000429 -2.135 0.033

L13.Conduct 3.307010 1.459383 2.266 0.023

L13.Water -7.996572 2.541051 -3.147 0.002

L13.Temp -1.253397 1.162183 -1.078 0.281

L13.Precip. horaria 0.004152 0.003575 1.161 0.245

L13.Temp. prom aire 0.000524 0.000428 1.224 0.221

L14.Conduct -1.084951 1.340194 -0.810 0.418

L14.Water 2.753922 2.360190 1.167 0.243

L14.Temp 2.146139 1.133377 1.894 0.058

L14.Precip. horaria 0.002990 0.003581 0.835 0.404

L14.Temp. prom aire 0.000433 0.000429 1.009 0.313

L15.Conduct 0.138792 1.156189 0.120 0.904

L15.Water 0.143017 2.082852 0.069 0.945

L15.Temp -1.233799 1.081555 -1.141 0.254

L15.Precip. horaria 0.003882 0.003570 1.088 0.277

L15.Temp. prom aire -0.000562 0.000432 -1.300 0.194

L16.Conduct -0.110169 0.984700 -0.112 0.911

L16.Water -0.820504 1.853814 -0.443 0.658

L16.Temp -0.396377 1.016041 -0.390 0.696

L16.Precip. horaria 0.001209 0.003491 0.346 0.729

L16.Temp. prom aire -0.000015 0.000432 -0.036 0.972

L17.Conduct -0.013676 0.853895 -0.016 0.987

L17.Water 1.084130 1.690229 0.641 0.521

L17.Temp 0.661945 1.003871 0.659 0.510

L17.Precip. horaria 0.008524 0.003589 2.375 0.018

L17.Temp. prom aire -0.000866 0.000433 -1.997 0.046

L18.Conduct 0.609403 0.718240 0.848 0.396

L18.Water -2.000153 1.528522 -1.309 0.191

L18.Temp -0.006091 1.022197 -0.006 0.995

L18.Precip. horaria -0.004732 0.003542 -1.336 0.182

L18.Temp. prom aire -0.000165 0.000439 -0.376 0.707

L19.Conduct -1.217609 0.604084 -2.016 0.044

L19.Water 3.083484 1.409152 2.188 0.029

L19.Temp 0.034963 1.013647 0.034 0.972

L19.Precip. horaria 0.003501 0.003501 1.000 0.317

L19.Temp. prom aire 0.000043 0.000438 0.099 0.921

L20.Conduct 1.178084 0.542682 2.171 0.030

L20.Water -3.060496 1.328478 -2.304 0.021

L20.Temp -1.278600 0.961194 -1.330 0.183

L20.Precip. horaria -0.002519 0.003520 -0.716 0.474

L20.Temp. prom aire 0.001379 0.000438 3.151 0.002

L21.Conduct -0.725982 0.490898 -1.479 0.139

L21.Water 1.928022 1.199239 1.608 0.108

L21.Temp 2.322131 0.835881 2.778 0.005

L21.Precip. horaria -0.006363 0.003438 -1.851 0.064

L21.Temp. prom aire -0.000341 0.000441 -0.774 0.439

L22.Conduct 0.408783 0.381978 1.070 0.285

L22.Water -0.831392 0.908933 -0.915 0.360

L22.Temp -1.862668 0.604786 -3.080 0.002

L22.Precip. horaria 0.004617 0.003408 1.355 0.176

L22.Temp. prom aire -0.000321 0.000450 -0.713 0.476

L23.Conduct -0.203449 0.201035 -1.012 0.312

L23.Water 0.262186 0.460625 0.569 0.569

L23.Temp 0.741458 0.301951 2.456 0.014

L23.Precip. horaria -0.003482 0.003358 -1.037 0.300

L23.Temp. prom aire -0.001094 0.000453 -2.414 0.016

L24.Conduct 0.047873 0.048755 0.982 0.326

L24.Water -0.046784 0.107488 -0.435 0.663

L24.Temp -0.126446 0.072365 -1.747 0.081

L24.Precip. horaria -0.000306 0.003292 -0.093 0.926

L24.Temp. prom aire 0.000455 0.000427 1.067 0.286

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.181063 0.151654 -1.194 0.233

L1.Conduct 1.422705 1.582908 0.899 0.369

L1.Water -4.741743 2.900562 -1.635 0.102

L1.Temp -0.480266 0.900424 -0.533 0.594

L1.Precip. horaria 0.155881 0.055051 2.832 0.005

L1.Temp. prom aire 0.003390 0.006695 0.506 0.613

L2.Conduct -7.973213 6.974751 -1.143 0.253

L2.Water 19.114414 12.546168 1.524 0.128

L2.Temp 1.913046 3.325729 0.575 0.565

L2.Precip. horaria -0.033343 0.055722 -0.598 0.550

L2.Temp. prom aire -0.000409 0.007139 -0.057 0.954

L3.Conduct 28.101859 14.356723 1.957 0.050

L3.Water -50.696482 25.196388 -2.012 0.044

L3.Temp -3.714611 5.691380 -0.653 0.514

L3.Precip. horaria 0.218605 0.055587 3.933 0.000

L3.Temp. prom aire -0.008102 0.007154 -1.132 0.257

L4.Conduct -62.784414 19.527020 -3.215 0.001

L4.Water 107.984764 33.462436 3.227 0.001

L4.Temp 4.995794 6.795979 0.735 0.462

L4.Precip. horaria -0.147861 0.056566 -2.614 0.009

L4.Temp. prom aire -0.004004 0.007215 -0.555 0.579

L5.Conduct 88.114382 21.637313 4.072 0.000

L5.Water -156.631331 36.577980 -4.282 0.000

L5.Temp -4.618651 7.133053 -0.647 0.517

L5.Precip. horaria 0.110464 0.057040 1.937 0.053

L5.Temp. prom aire 0.004531 0.007199 0.629 0.529

L6.Conduct -83.001701 22.290022 -3.724 0.000

L6.Water 150.861932 37.708717 4.001 0.000

L6.Temp 2.233381 7.431766 0.301 0.764

L6.Precip. horaria -0.194851 0.056668 -3.438 0.001

L6.Temp. prom aire -0.000189 0.007211 -0.026 0.979

L7.Conduct 56.800452 21.891317 2.595 0.009

L7.Water -106.756698 37.404352 -2.854 0.004

L7.Temp -2.033047 8.889654 -0.229 0.819

L7.Precip. horaria 0.162286 0.056912 2.852 0.004

L7.Temp. prom aire -0.000320 0.007224 -0.044 0.965

L8.Conduct -27.559659 20.541714 -1.342 0.180

L8.Water 58.374820 35.639542 1.638 0.101

L8.Temp 8.021012 11.986304 0.669 0.503

L8.Precip. horaria -0.024618 0.056958 -0.432 0.666

L8.Temp. prom aire -0.000423 0.007241 -0.058 0.953

L9.Conduct 2.365715 20.352288 0.116 0.907

L9.Water -13.300700 35.557611 -0.374 0.708

L9.Temp -14.954765 15.595071 -0.959 0.338

L9.Precip. horaria 0.178959 0.056852 3.148 0.002

L9.Temp. prom aire 0.007182 0.007149 1.005 0.315

L10.Conduct 17.541840 22.238537 0.789 0.430

L10.Water -23.484925 38.302612 -0.613 0.540

L10.Temp 16.011811 18.300096 0.875 0.382

L10.Precip. horaria -0.077918 0.057477 -1.356 0.175

L10.Temp. prom aire -0.005751 0.007112 -0.809 0.419

L11.Conduct -29.238330 23.872580 -1.225 0.221

L11.Water 44.818996 40.703693 1.101 0.271

L11.Temp -14.863936 19.444439 -0.764 0.445

L11.Precip. horaria -0.065487 0.057613 -1.137 0.256

L11.Temp. prom aire -0.010075 0.007064 -1.426 0.154

L12.Conduct 30.585295 24.574426 1.245 0.213

L12.Water -47.008274 42.237669 -1.113 0.266

L12.Temp 18.965392 19.510848 0.972 0.331

L12.Precip. horaria -0.138105 0.058872 -2.346 0.019

L12.Temp. prom aire 0.003708 0.007082 0.524 0.601

L13.Conduct -25.932033 24.096575 -1.076 0.282

L13.Water 37.019859 41.956511 0.882 0.378

L13.Temp -26.651772 19.189357 -1.389 0.165

L13.Precip. horaria 0.142546 0.059028 2.415 0.016

L13.Temp. prom aire 0.000001 0.007065 0.000 1.000

L14.Conduct 20.633984 22.128581 0.932 0.351

L14.Water -28.623975 38.970220 -0.735 0.463

L14.Temp 26.651198 18.713722 1.424 0.154

L14.Precip. horaria -0.104185 0.059128 -1.762 0.078

L14.Temp. prom aire 0.009478 0.007084 1.338 0.181

L15.Conduct -15.318956 19.090393 -0.802 0.422

L15.Water 18.998446 34.390970 0.552 0.581

L15.Temp -12.389741 17.858074 -0.694 0.488

L15.Precip. horaria 0.062081 0.058944 1.053 0.292

L15.Temp. prom aire -0.000733 0.007133 -0.103 0.918

L16.Conduct 8.555684 16.258860 0.526 0.599

L16.Water -1.902315 30.609204 -0.062 0.950

L16.Temp -7.106686 16.776345 -0.424 0.672

L16.Precip. horaria -0.087144 0.057637 -1.512 0.131

L16.Temp. prom aire -0.004183 0.007134 -0.586 0.558

L17.Conduct -0.655881 14.099070 -0.047 0.963

L17.Water -11.432372 27.908184 -0.410 0.682

L17.Temp 19.339248 16.575395 1.167 0.243

L17.Precip. horaria -0.026900 0.059262 -0.454 0.650

L17.Temp. prom aire 0.009434 0.007157 1.318 0.187

L18.Conduct -4.870627 11.859201 -0.411 0.681

L18.Water 12.880156 25.238155 0.510 0.610

L18.Temp -23.523676 16.877985 -1.394 0.163

L18.Precip. horaria -0.002967 0.058487 -0.051 0.960

L18.Temp. prom aire 0.003632 0.007244 0.501 0.616

L19.Conduct 5.252673 9.974312 0.527 0.598

L19.Water -5.785992 23.267182 -0.249 0.804

L19.Temp 24.641746 16.736805 1.472 0.141

L19.Precip. horaria 0.057937 0.057814 1.002 0.316

L19.Temp. prom aire -0.001268 0.007232 -0.175 0.861

L20.Conduct -0.729636 8.960484 -0.081 0.935

L20.Water -7.359357 21.935135 -0.336 0.737

L20.Temp -22.944014 15.870726 -1.446 0.148

L20.Precip. horaria 0.053063 0.058113 0.913 0.361

L20.Temp. prom aire 0.002488 0.007229 0.344 0.731

L21.Conduct -5.329061 8.105457 -0.657 0.511

L21.Water 20.055863 19.801207 1.013 0.311

L21.Temp 16.887750 13.801634 1.224 0.221

L21.Precip. horaria -0.074738 0.056771 -1.316 0.188

L21.Temp. prom aire 0.023951 0.007284 3.288 0.001

L22.Conduct 6.876360 6.307024 1.090 0.276

L22.Water -21.392463 15.007821 -1.425 0.154

L22.Temp -8.883425 9.985915 -0.890 0.374

L22.Precip. horaria -0.053253 0.056274 -0.946 0.344

L22.Temp. prom aire -0.021053 0.007424 -2.836 0.005

L23.Conduct -3.466401 3.319386 -1.044 0.296

L23.Water 11.667938 7.605597 1.534 0.125

L23.Temp 2.924057 4.985654 0.586 0.558

L23.Precip. horaria 0.017609 0.055452 0.318 0.751

L23.Temp. prom aire 0.005542 0.007483 0.741 0.459

L24.Conduct 0.608846 0.805023 0.756 0.449

L24.Water -2.653437 1.774778 -1.495 0.135

L24.Temp -0.427794 1.194852 -0.358 0.720

L24.Precip. horaria -0.078519 0.054352 -1.445 0.149

L24.Temp. prom aire 0.004878 0.007047 0.692 0.489

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 2.700320 1.214800 2.223 0.026

L1.Conduct 15.593061 12.679666 1.230 0.219

L1.Water -40.016565 23.234559 -1.722 0.085

L1.Temp 0.425805 7.212726 0.059 0.953

L1.Precip. horaria -0.091041 0.440977 -0.206 0.836

L1.Temp. prom aire 0.341255 0.053632 6.363 0.000

L2.Conduct -76.689845 55.870300 -1.373 0.170

L2.Water 180.752057 100.499379 1.799 0.072

L2.Temp -11.367747 26.640302 -0.427 0.670

L2.Precip. horaria -0.777379 0.446355 -1.742 0.082

L2.Temp. prom aire 0.096042 0.057187 1.679 0.093

L3.Conduct 165.350443 115.002581 1.438 0.150

L3.Water -367.666708 201.832254 -1.822 0.069

L3.Temp 43.268375 45.590029 0.949 0.343

L3.Precip. horaria -0.109886 0.445269 -0.247 0.805

L3.Temp. prom aire 0.067227 0.057308 1.173 0.241

L4.Conduct -207.518631 156.418552 -1.327 0.185

L4.Water 461.208000 268.046312 1.721 0.085

L4.Temp -41.427862 54.438268 -0.761 0.447

L4.Precip. horaria 0.245221 0.453115 0.541 0.588

L4.Temp. prom aire -0.001692 0.057797 -0.029 0.977

L5.Conduct 195.823383 173.322762 1.130 0.259

L5.Water -452.697968 293.002957 -1.545 0.122

L5.Temp -7.755767 57.138357 -0.136 0.892

L5.Precip. horaria -0.293883 0.456913 -0.643 0.520

L5.Temp. prom aire -0.040000 0.057665 -0.694 0.488

L6.Conduct -189.978313 178.551204 -1.064 0.287

L6.Water 433.251411 302.060570 1.434 0.151

L6.Temp 2.439123 59.531151 0.041 0.967

L6.Precip. horaria 0.258636 0.453933 0.570 0.569

L6.Temp. prom aire -0.082234 0.057761 -1.424 0.155

L7.Conduct 174.314553 175.357432 0.994 0.320

L7.Water -375.220509 299.622498 -1.252 0.210

L7.Temp 53.191087 71.209368 0.747 0.455

L7.Precip. horaria 0.122092 0.455886 0.268 0.789

L7.Temp. prom aire 0.169210 0.057867 2.924 0.003

L8.Conduct -96.689079 164.546620 -0.588 0.557

L8.Water 200.813411 285.485725 0.703 0.482

L8.Temp -66.095107 96.014665 -0.688 0.491

L8.Precip. horaria -0.142491 0.456251 -0.312 0.755

L8.Temp. prom aire -0.006975 0.058002 -0.120 0.904

L9.Conduct -51.199091 163.029247 -0.314 0.753

L9.Water 91.327724 284.829425 0.321 0.748

L9.Temp 51.592853 124.922206 0.413 0.680

L9.Precip. horaria 0.352589 0.455406 0.774 0.439

L9.Temp. prom aire -0.089829 0.057264 -1.569 0.117

L10.Conduct 215.182056 178.138787 1.208 0.227

L10.Water -395.398939 306.817882 -1.289 0.197

L10.Temp -53.429426 146.590444 -0.364 0.715

L10.Precip. horaria 1.080046 0.460408 2.346 0.019

L10.Temp. prom aire -0.053794 0.056967 -0.944 0.345

L11.Conduct -277.065794 191.228071 -1.449 0.147

L11.Water 504.545981 326.051422 1.547 0.122

L11.Temp 60.670879 155.757044 0.390 0.697

L11.Precip. horaria 0.735959 0.461501 1.595 0.111

L11.Temp. prom aire -0.052063 0.056584 -0.920 0.358

L12.Conduct 222.874500 196.850115 1.132 0.258

L12.Water -408.473620 338.339125 -1.207 0.227

L12.Temp -48.927786 156.289009 -0.313 0.754

L12.Precip. horaria -0.031928 0.471587 -0.068 0.946

L12.Temp. prom aire -0.027953 0.056729 -0.493 0.622

L13.Conduct -181.904706 193.022352 -0.942 0.346

L13.Water 352.744287 336.086946 1.050 0.294

L13.Temp 27.380971 153.713746 0.178 0.859

L13.Precip. horaria -0.514328 0.472832 -1.088 0.277

L13.Temp. prom aire 0.051396 0.056593 0.908 0.364

L14.Conduct 227.223320 177.258004 1.282 0.200

L14.Water -439.039916 312.165666 -1.406 0.160

L14.Temp -27.493554 149.903732 -0.183 0.854

L14.Precip. horaria -0.810135 0.473634 -1.710 0.087

L14.Temp. prom aire 0.102844 0.056745 1.812 0.070

L15.Conduct -289.165737 152.921005 -1.891 0.059

L15.Water 497.677078 275.484210 1.807 0.071

L15.Temp 6.197100 143.049686 0.043 0.965

L15.Precip. horaria 0.152679 0.472160 0.323 0.746

L15.Temp. prom aire -0.008782 0.057135 -0.154 0.878

L16.Conduct 243.874942 130.239397 1.873 0.061

L16.Water -349.866463 245.190882 -1.427 0.154

L16.Temp 61.543577 134.384641 0.458 0.647

L16.Precip. horaria -0.103118 0.461696 -0.223 0.823

L16.Temp. prom aire -0.106248 0.057143 -1.859 0.063

L17.Conduct -94.431237 112.938690 -0.836 0.403

L17.Water 75.899971 223.554726 0.340 0.734

L17.Temp -85.954079 132.774958 -0.647 0.517

L17.Precip. horaria 0.552728 0.474711 1.164 0.244

L17.Temp. prom aire 0.137785 0.057328 2.403 0.016

L18.Conduct -20.923375 94.996524 -0.220 0.826

L18.Water 110.014583 202.166821 0.544 0.586

L18.Temp 50.838484 135.198815 0.376 0.707

L18.Precip. horaria 0.678412 0.468506 1.448 0.148

L18.Temp. prom aire -0.000314 0.058024 -0.005 0.996

L19.Conduct 45.076895 79.897875 0.564 0.573

L19.Water -174.230127 186.378607 -0.935 0.350

L19.Temp -41.939130 134.067907 -0.313 0.754

L19.Precip. horaria -0.123144 0.463111 -0.266 0.790

L19.Temp. prom aire -0.025328 0.057935 -0.437 0.662

L20.Conduct -37.842768 71.776739 -0.527 0.598

L20.Water 192.036748 175.708427 1.093 0.274

L20.Temp 74.179069 127.130303 0.583 0.560

L20.Precip. horaria 0.038959 0.465504 0.084 0.933

L20.Temp. prom aire -0.084741 0.057906 -1.463 0.143

L21.Conduct 48.103003 64.927666 0.741 0.459

L21.Water -178.201490 158.614888 -1.123 0.261

L21.Temp -89.578027 110.556117 -0.810 0.418

L21.Precip. horaria 0.512994 0.454754 1.128 0.259

L21.Temp. prom aire 0.062959 0.058350 1.079 0.281

L22.Conduct -63.131855 50.521559 -1.250 0.211

L22.Water 126.558039 120.218113 1.053 0.292

L22.Temp 58.771240 79.990816 0.735 0.463

L22.Precip. horaria 0.310056 0.450778 0.688 0.492

L22.Temp. prom aire 0.035900 0.059467 0.604 0.546

L23.Conduct 47.356140 26.589492 1.781 0.075

L23.Water -59.395359 60.923604 -0.975 0.330

L23.Temp -16.944721 39.936906 -0.424 0.671

L23.Precip. horaria 0.030590 0.444194 0.069 0.945

L23.Temp. prom aire 0.122005 0.059942 2.035 0.042

L24.Conduct -14.251354 6.448528 -2.210 0.027

L24.Water 13.390473 14.216623 0.942 0.346

L24.Temp 0.655769 9.571196 0.069 0.945

L24.Precip. horaria 0.082063 0.435382 0.188 0.850

L24.Temp. prom aire -0.150529 0.056448 -2.667 0.008

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.907775 0.209263 -0.059231 -0.030857

Water 0.907775 1.000000 0.187226 -0.136378 -0.022956

Temp 0.209263 0.187226 1.000000 -0.022031 -0.013463

Precip. horaria -0.059231 -0.136378 -0.022031 1.000000 0.099094

Temp. prom aire -0.030857 -0.022956 -0.013463 0.099094 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.4630

Nobs: 464.000 HQIC: -27.7361

Log likelihood: 4240.79 FPE: 1.14382e-13

AIC: -29.8609 Det(Omega\_mle): 3.59061e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.012398 0.009179 1.351 0.177

L1.Conduct 4.875819 0.085593 56.965 0.000

L1.Water -0.532959 0.099107 -5.378 0.000

L1.Temp -0.271231 0.039148 -6.928 0.000

L1.Precip. horaria -0.000552 0.002244 -0.246 0.806

L1.Temp. prom aire -0.000102 0.000273 -0.374 0.708

L2.Conduct -10.816989 0.402507 -26.874 0.000

L2.Water 2.360449 0.415799 5.677 0.000

L2.Temp 1.154500 0.149365 7.729 0.000

L2.Precip. horaria -0.002218 0.002237 -0.991 0.321

L2.Temp. prom aire 0.000117 0.000295 0.395 0.693

L3.Conduct 14.920194 0.916826 16.274 0.000

L3.Water -4.494057 0.838664 -5.359 0.000

L3.Temp -2.118431 0.270059 -7.844 0.000

L3.Precip. horaria -0.004470 0.002233 -2.002 0.045

L3.Temp. prom aire -0.000097 0.000295 -0.329 0.742

L4.Conduct -14.913020 1.415861 -10.533 0.000

L4.Water 4.850041 1.160263 4.180 0.000

L4.Temp 2.254078 0.343277 6.566 0.000

L4.Precip. horaria -0.000862 0.002268 -0.380 0.704

L4.Temp. prom aire 0.000105 0.000297 0.355 0.722

L5.Conduct 11.966306 1.751204 6.833 0.000

L5.Water -3.195149 1.316987 -2.426 0.015

L5.Temp -1.672520 0.372738 -4.487 0.000

L5.Precip. horaria 0.002202 0.002277 0.967 0.333

L5.Temp. prom aire -0.000020 0.000297 -0.066 0.947

L6.Conduct -8.137049 1.915823 -4.247 0.000

L6.Water 1.044758 1.364807 0.765 0.444

L6.Temp 1.103531 0.381273 2.894 0.004

L6.Precip. horaria 0.000147 0.002262 0.065 0.948

L6.Temp. prom aire 0.000236 0.000298 0.794 0.427

L7.Conduct 3.771671 1.951093 1.933 0.053

L7.Water 0.417208 1.382459 0.302 0.763

L7.Temp -0.710068 0.428287 -1.658 0.097

L7.Precip. horaria -0.000537 0.002261 -0.238 0.812

L7.Temp. prom aire -0.000597 0.000296 -2.013 0.044

L8.Conduct 1.650709 1.872098 0.882 0.378

L8.Water -1.259765 1.390924 -0.906 0.365

L8.Temp -0.011320 0.551453 -0.021 0.984

L8.Precip. horaria 0.000263 0.002247 0.117 0.907

L8.Temp. prom aire 0.000142 0.000301 0.473 0.636

L9.Conduct -6.628147 1.746032 -3.796 0.000

L9.Water 1.941933 1.416442 1.371 0.170

L9.Temp 1.260621 0.701143 1.798 0.072

L9.Precip. horaria -0.001818 0.002235 -0.813 0.416

L9.Temp. prom aire -0.000143 0.000298 -0.480 0.631

L10.Conduct 8.923600 1.708486 5.223 0.000

L10.Water -2.026198 1.486239 -1.363 0.173

L10.Temp -2.272368 0.814737 -2.789 0.005

L10.Precip. horaria 0.003198 0.002298 1.392 0.164

L10.Temp. prom aire -0.000003 0.000299 -0.011 0.991

L11.Conduct -8.310995 1.767752 -4.701 0.000

L11.Water 0.997480 1.553362 0.642 0.521

L11.Temp 2.319451 0.869439 2.668 0.008

L11.Precip. horaria -0.002693 0.002305 -1.168 0.243

L11.Temp. prom aire 0.000167 0.000297 0.564 0.573

L12.Conduct 6.119878 1.827311 3.349 0.001

L12.Water 0.672831 1.572864 0.428 0.669

L12.Temp -1.619573 0.879311 -1.842 0.065

L12.Precip. horaria 0.000563 0.002300 0.245 0.807

L12.Temp. prom aire -0.000178 0.000296 -0.601 0.548

L13.Conduct -4.399414 1.814085 -2.425 0.015

L13.Water -1.947814 1.543036 -1.262 0.207

L13.Temp 0.880930 0.863278 1.020 0.308

L13.Precip. horaria 0.000412 0.002307 0.179 0.858

L13.Temp. prom aire 0.000130 0.000297 0.438 0.661

L14.Conduct 3.990104 1.658295 2.406 0.016

L14.Water 1.835790 1.447982 1.268 0.205

L14.Temp -0.605772 0.831135 -0.729 0.466

L14.Precip. horaria 0.001211 0.002305 0.525 0.599

L14.Temp. prom aire 0.000661 0.000297 2.230 0.026

L15.Conduct -3.536707 1.313283 -2.693 0.007

L15.Water -0.420316 1.264446 -0.332 0.740

L15.Temp 0.568262 0.787323 0.722 0.470

L15.Precip. horaria 0.000851 0.002303 0.370 0.712

L15.Temp. prom aire -0.000089 0.000299 -0.298 0.765

L16.Conduct 2.333517 0.845368 2.760 0.006

L16.Water -0.981506 1.044528 -0.940 0.347

L16.Temp -0.243361 0.756718 -0.322 0.748

L16.Precip. horaria 0.002347 0.002263 1.037 0.300

L16.Temp. prom aire 0.000402 0.000300 1.340 0.180

L17.Conduct -1.148736 0.456181 -2.518 0.012

L17.Water 1.473785 0.917692 1.606 0.108

L17.Temp -0.205668 0.766547 -0.268 0.788

L17.Precip. horaria -0.000232 0.002288 -0.101 0.919

L17.Temp. prom aire -0.000015 0.000302 -0.050 0.960

L18.Conduct 0.659505 0.335350 1.967 0.049

L18.Water -1.546678 0.896914 -1.724 0.085

L18.Temp 0.242120 0.785145 0.308 0.758

L18.Precip. horaria 0.002729 0.002279 1.197 0.231

L18.Temp. prom aire 0.000087 0.000300 0.290 0.772

L19.Conduct -0.737942 0.337512 -2.186 0.029

L19.Water 1.976622 0.883204 2.238 0.025

L19.Temp 0.084454 0.785417 0.108 0.914

L19.Precip. horaria -0.004048 0.002266 -1.786 0.074

L19.Temp. prom aire -0.000102 0.000299 -0.342 0.733

L20.Conduct 0.414152 0.331339 1.250 0.211

L20.Water -2.354751 0.836484 -2.815 0.005

L20.Temp -0.216918 0.755345 -0.287 0.774

L20.Precip. horaria 0.003323 0.002282 1.456 0.145

L20.Temp. prom aire 0.000335 0.000298 1.124 0.261

L21.Conduct 0.419745 0.317303 1.323 0.186

L21.Water 1.787937 0.731678 2.444 0.015

L21.Temp -0.066952 0.659752 -0.101 0.919

L21.Precip. horaria -0.000800 0.002250 -0.356 0.722

L21.Temp. prom aire -0.000062 0.000299 -0.207 0.836

L22.Conduct -0.687015 0.275952 -2.490 0.013

L22.Water -0.673832 0.531332 -1.268 0.205

L22.Temp 0.336377 0.469992 0.716 0.474

L22.Precip. horaria 0.003405 0.002238 1.521 0.128

L22.Temp. prom aire 0.000146 0.000302 0.482 0.630

L23.Conduct 0.310371 0.165344 1.877 0.061

L23.Water 0.048474 0.262735 0.184 0.854

L23.Temp -0.256488 0.228287 -1.124 0.261

L23.Precip. horaria -0.000742 0.002256 -0.329 0.742

L23.Temp. prom aire -0.000307 0.000305 -1.007 0.314

L24.Conduct -0.039967 0.044137 -0.906 0.365

L24.Water 0.025607 0.061524 0.416 0.677

L24.Temp 0.065433 0.053210 1.230 0.219

L24.Precip. horaria 0.000466 0.002266 0.206 0.837

L24.Temp. prom aire 0.000163 0.000284 0.574 0.566

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.003867 0.007793 0.496 0.620

L1.Conduct 0.355210 0.072664 4.888 0.000

L1.Water 3.743999 0.084137 44.499 0.000

L1.Temp -0.244618 0.033235 -7.360 0.000

L1.Precip. horaria -0.002851 0.001905 -1.497 0.134

L1.Temp. prom aire -0.000215 0.000232 -0.925 0.355

L2.Conduct -1.540858 0.341708 -4.509 0.000

L2.Water -5.839094 0.352992 -16.542 0.000

L2.Temp 1.068973 0.126803 8.430 0.000

L2.Precip. horaria -0.003748 0.001899 -1.973 0.048

L2.Temp. prom aire 0.000399 0.000250 1.593 0.111

L3.Conduct 3.088482 0.778338 3.968 0.000

L3.Water 5.113271 0.711982 7.182 0.000

L3.Temp -2.045610 0.229266 -8.922 0.000

L3.Precip. horaria -0.004414 0.001895 -2.329 0.020

L3.Temp. prom aire -0.000295 0.000251 -1.174 0.240

L4.Conduct -4.089455 1.201992 -3.402 0.001

L4.Water -2.881202 0.985003 -2.925 0.003

L4.Temp 2.270700 0.291424 7.792 0.000

L4.Precip. horaria -0.000954 0.001926 -0.495 0.620

L4.Temp. prom aire 0.000183 0.000252 0.726 0.468

L5.Conduct 4.340041 1.486681 2.919 0.004

L5.Water 0.905672 1.118053 0.810 0.418

L5.Temp -1.660042 0.316435 -5.246 0.000

L5.Precip. horaria 0.002537 0.001933 1.313 0.189

L5.Temp. prom aire -0.000213 0.000252 -0.846 0.398

L6.Conduct -3.986721 1.626434 -2.451 0.014

L6.Water 0.575654 1.158650 0.497 0.619

L6.Temp 0.874966 0.323681 2.703 0.007

L6.Precip. horaria 0.001140 0.001920 0.594 0.553

L6.Temp. prom aire 0.000079 0.000253 0.314 0.753

L7.Conduct 2.879515 1.656376 1.738 0.082

L7.Water -2.205057 1.173635 -1.879 0.060

L7.Temp -0.210902 0.363593 -0.580 0.562

L7.Precip. horaria 0.001707 0.001920 0.889 0.374

L7.Temp. prom aire -0.000185 0.000252 -0.733 0.464

L8.Conduct -0.794236 1.589313 -0.500 0.617

L8.Water 3.951161 1.180822 3.346 0.001

L8.Temp -0.664537 0.468154 -1.419 0.156

L8.Precip. horaria 0.000130 0.001908 0.068 0.946

L8.Temp. prom aire -0.000006 0.000256 -0.022 0.982

L9.Conduct -1.861029 1.482290 -1.256 0.209

L9.Water -4.529106 1.202485 -3.766 0.000

L9.Temp 1.852185 0.595234 3.112 0.002

L9.Precip. horaria 0.000118 0.001898 0.062 0.950

L9.Temp. prom aire -0.000288 0.000253 -1.139 0.255

L10.Conduct 4.252249 1.450415 2.932 0.003

L10.Water 3.637275 1.261740 2.883 0.004

L10.Temp -2.660130 0.691669 -3.846 0.000

L10.Precip. horaria 0.003073 0.001951 1.575 0.115

L10.Temp. prom aire 0.000010 0.000254 0.039 0.969

L11.Conduct -5.744074 1.500729 -3.828 0.000

L11.Water -2.342713 1.318723 -1.777 0.076

L11.Temp 2.401825 0.738108 3.254 0.001

L11.Precip. horaria -0.001645 0.001957 -0.840 0.401

L11.Temp. prom aire 0.000092 0.000252 0.367 0.714

L12.Conduct 5.837423 1.551292 3.763 0.000

L12.Water 1.634305 1.335279 1.224 0.221

L12.Temp -1.292760 0.746489 -1.732 0.083

L12.Precip. horaria -0.001039 0.001952 -0.532 0.594

L12.Temp. prom aire -0.000091 0.000252 -0.363 0.716

L13.Conduct -4.681912 1.540064 -3.040 0.002

L13.Water -1.910649 1.309957 -1.459 0.145

L13.Temp 0.194114 0.732878 0.265 0.791

L13.Precip. horaria -0.002296 0.001958 -1.172 0.241

L13.Temp. prom aire 0.000275 0.000252 1.089 0.276

L14.Conduct 3.108025 1.407806 2.208 0.027

L14.Water 2.162683 1.229261 1.759 0.079

L14.Temp 0.353364 0.705590 0.501 0.617

L14.Precip. horaria 0.000078 0.001956 0.040 0.968

L14.Temp. prom aire 0.000207 0.000252 0.824 0.410

L15.Conduct -1.723570 1.114909 -1.546 0.122

L15.Water -1.141528 1.073448 -1.063 0.288

L15.Temp -0.577823 0.668396 -0.864 0.387

L15.Precip. horaria 0.001464 0.001955 0.749 0.454

L15.Temp. prom aire 0.000092 0.000254 0.364 0.716

L16.Conduct 0.948078 0.717673 1.321 0.186

L16.Water -0.590829 0.886750 -0.666 0.505

L16.Temp 0.842856 0.642414 1.312 0.190

L16.Precip. horaria 0.003363 0.001921 1.751 0.080

L16.Temp. prom aire 0.000021 0.000255 0.081 0.935

L17.Conduct -0.813867 0.387274 -2.102 0.036

L17.Water 1.859884 0.779072 2.387 0.017

L17.Temp -1.027860 0.650758 -1.579 0.114

L17.Precip. horaria 0.000064 0.001943 0.033 0.974

L17.Temp. prom aire 0.000029 0.000257 0.112 0.911

L18.Conduct 0.880074 0.284695 3.091 0.002

L18.Water -2.604690 0.761433 -3.421 0.001

L18.Temp 0.827684 0.666547 1.242 0.214

L18.Precip. horaria 0.002842 0.001935 1.469 0.142

L18.Temp. prom aire -0.000059 0.000254 -0.232 0.816

L19.Conduct -0.855451 0.286530 -2.986 0.003

L19.Water 3.372230 0.749794 4.498 0.000

L19.Temp -0.372057 0.666778 -0.558 0.577

L19.Precip. horaria -0.001317 0.001924 -0.685 0.494

L19.Temp. prom aire 0.000008 0.000254 0.033 0.974

L20.Conduct 0.450772 0.281289 1.603 0.109

L20.Water -3.880372 0.710131 -5.464 0.000

L20.Temp 0.149101 0.641248 0.233 0.816

L20.Precip. horaria 0.003834 0.001938 1.979 0.048

L20.Temp. prom aire 0.000162 0.000253 0.638 0.524

L21.Conduct 0.356255 0.269373 1.323 0.186

L21.Water 3.130325 0.621156 5.040 0.000

L21.Temp -0.284146 0.560095 -0.507 0.612

L21.Precip. horaria 0.001294 0.001910 0.677 0.498

L21.Temp. prom aire -0.000266 0.000254 -1.048 0.295

L22.Conduct -0.824362 0.234269 -3.519 0.000

L22.Water -1.448380 0.451073 -3.211 0.001

L22.Temp 0.396280 0.398999 0.993 0.321

L22.Precip. horaria 0.005118 0.001900 2.693 0.007

L22.Temp. prom aire 0.000002 0.000256 0.008 0.994

L23.Conduct 0.548473 0.140368 3.907 0.000

L23.Water 0.297398 0.223048 1.333 0.182

L23.Temp -0.255909 0.193804 -1.320 0.187

L23.Precip. horaria -0.000601 0.001916 -0.314 0.754

L23.Temp. prom aire -0.000278 0.000259 -1.073 0.283

L24.Conduct -0.128804 0.037470 -3.437 0.001

L24.Water -0.010606 0.052231 -0.203 0.839

L24.Temp 0.064350 0.045173 1.425 0.154

L24.Precip. horaria 0.001518 0.001924 0.789 0.430

L24.Temp. prom aire 0.000187 0.000241 0.776 0.438

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.021163 0.013371 -1.583 0.113

L1.Conduct -0.159089 0.124681 -1.276 0.202

L1.Water -0.120336 0.144367 -0.834 0.405

L1.Temp 3.537536 0.057026 62.033 0.000

L1.Precip. horaria -0.002482 0.003268 -0.759 0.448

L1.Temp. prom aire 0.000325 0.000398 0.816 0.414

L2.Conduct 0.783792 0.586324 1.337 0.181

L2.Water 0.265509 0.605687 0.438 0.661

L2.Temp -4.995085 0.217577 -22.958 0.000

L2.Precip. horaria -0.000993 0.003259 -0.305 0.761

L2.Temp. prom aire 0.000436 0.000430 1.014 0.311

L3.Conduct -1.871988 1.335523 -1.402 0.161

L3.Water 0.204847 1.221665 0.168 0.867

L3.Temp 3.513893 0.393389 8.932 0.000

L3.Precip. horaria 0.000003 0.003252 0.001 0.999

L3.Temp. prom aire -0.001003 0.000430 -2.331 0.020

L4.Conduct 2.899281 2.062457 1.406 0.160

L4.Water -1.380322 1.690132 -0.817 0.414

L4.Temp -1.058966 0.500045 -2.118 0.034

L4.Precip. horaria 0.001148 0.003304 0.347 0.728

L4.Temp. prom aire -0.000115 0.000432 -0.267 0.790

L5.Conduct -3.050091 2.550944 -1.196 0.232

L5.Water 2.238030 1.918429 1.167 0.243

L5.Temp -0.353493 0.542960 -0.651 0.515

L5.Precip. horaria 0.000560 0.003316 0.169 0.866

L5.Temp. prom aire -0.000514 0.000433 -1.187 0.235

L6.Conduct 1.781925 2.790741 0.639 0.523

L6.Water -1.808884 1.988087 -0.910 0.363

L6.Temp 0.897324 0.555393 1.616 0.106

L6.Precip. horaria 0.000153 0.003295 0.047 0.963

L6.Temp. prom aire 0.000005 0.000434 0.011 0.991

L7.Conduct 0.432139 2.842118 0.152 0.879

L7.Water 0.195454 2.013800 0.097 0.923

L7.Temp -2.110702 0.623877 -3.383 0.001

L7.Precip. horaria 0.003213 0.003294 0.975 0.329

L7.Temp. prom aire 0.000408 0.000432 0.945 0.345

L8.Conduct -2.446939 2.727048 -0.897 0.370

L8.Water 1.424429 2.026131 0.703 0.482

L8.Temp 4.171923 0.803290 5.194 0.000

L8.Precip. horaria -0.001654 0.003273 -0.505 0.613

L8.Temp. prom aire -0.000220 0.000439 -0.501 0.616

L9.Conduct 3.785844 2.543410 1.488 0.137

L9.Water -2.432017 2.063303 -1.179 0.239

L9.Temp -4.635222 1.021341 -4.538 0.000

L9.Precip. horaria -0.002385 0.003256 -0.732 0.464

L9.Temp. prom aire 0.000027 0.000434 0.062 0.951

L10.Conduct -4.759892 2.488717 -1.913 0.056

L10.Water 3.439223 2.164975 1.589 0.112

L10.Temp 2.807041 1.186811 2.365 0.018

L10.Precip. horaria -0.002075 0.003348 -0.620 0.535

L10.Temp. prom aire -0.000051 0.000436 -0.117 0.907

L11.Conduct 5.515556 2.575049 2.142 0.032

L11.Water -4.491123 2.262751 -1.985 0.047

L11.Temp -0.798391 1.266495 -0.630 0.528

L11.Precip. horaria -0.000275 0.003358 -0.082 0.935

L11.Temp. prom aire 0.000067 0.000432 0.155 0.876

L12.Conduct -5.467643 2.661808 -2.054 0.040

L12.Water 4.743740 2.291159 2.070 0.038

L12.Temp -0.007557 1.280874 -0.006 0.995

L12.Precip. horaria -0.001177 0.003350 -0.351 0.725

L12.Temp. prom aire -0.000842 0.000432 -1.950 0.051

L13.Conduct 3.941222 2.642542 1.491 0.136

L13.Water -3.530077 2.247710 -1.571 0.116

L13.Temp -0.417341 1.257520 -0.332 0.740

L13.Precip. horaria -0.001783 0.003360 -0.531 0.596

L13.Temp. prom aire 0.000466 0.000433 1.076 0.282

L14.Conduct -1.635799 2.415605 -0.677 0.498

L14.Water 1.018745 2.109246 0.483 0.629

L14.Temp 0.689884 1.210698 0.570 0.569

L14.Precip. horaria 0.000511 0.003357 0.152 0.879

L14.Temp. prom aire 0.000168 0.000432 0.390 0.697

L15.Conduct 0.155991 1.913033 0.082 0.935

L15.Water 1.279439 1.841893 0.695 0.487

L15.Temp 0.512066 1.146878 0.446 0.655

L15.Precip. horaria 0.003221 0.003355 0.960 0.337

L15.Temp. prom aire -0.000541 0.000435 -1.243 0.214

L16.Conduct -0.000841 1.231430 -0.001 0.999

L16.Water -1.972086 1.521543 -1.296 0.195

L16.Temp -1.769221 1.102296 -1.605 0.108

L16.Precip. horaria 0.002622 0.003296 0.796 0.426

L16.Temp. prom aire -0.000116 0.000437 -0.265 0.791

L17.Conduct 0.326932 0.664510 0.492 0.623

L17.Water 1.472161 1.336783 1.101 0.271

L17.Temp 1.503883 1.116613 1.347 0.178

L17.Precip. horaria 0.003025 0.003333 0.907 0.364

L17.Temp. prom aire -0.000539 0.000440 -1.224 0.221

L18.Conduct -0.175229 0.488498 -0.359 0.720

L18.Water -1.069272 1.306517 -0.818 0.413

L18.Temp -0.588679 1.143706 -0.515 0.607

L18.Precip. horaria 0.006674 0.003320 2.010 0.044

L18.Temp. prom aire -0.000291 0.000437 -0.667 0.505

L19.Conduct -0.327841 0.491647 -0.667 0.505

L19.Water 1.180103 1.286545 0.917 0.359

L19.Temp 0.497770 1.144101 0.435 0.664

L19.Precip. horaria 0.000763 0.003302 0.231 0.817

L19.Temp. prom aire 0.000235 0.000436 0.538 0.590

L20.Conduct 0.268161 0.482655 0.556 0.578

L20.Water -1.004899 1.218489 -0.825 0.410

L20.Temp -1.368543 1.100295 -1.244 0.214

L20.Precip. horaria 0.000850 0.003325 0.256 0.798

L20.Temp. prom aire 0.000860 0.000435 1.978 0.048

L21.Conduct 0.328845 0.462208 0.711 0.477

L21.Water 0.073261 1.065820 0.069 0.945

L21.Temp 1.839361 0.961048 1.914 0.056

L21.Precip. horaria -0.003410 0.003278 -1.040 0.298

L21.Temp. prom aire -0.000345 0.000436 -0.792 0.428

L22.Conduct -0.618885 0.401973 -1.540 0.124

L22.Water 0.731338 0.773981 0.945 0.345

L22.Temp -1.132504 0.684628 -1.654 0.098

L22.Precip. horaria 0.005111 0.003261 1.567 0.117

L22.Temp. prom aire 0.000166 0.000440 0.377 0.706

L23.Conduct 0.390840 0.240853 1.623 0.105

L23.Water -0.638678 0.382721 -1.669 0.095

L23.Temp 0.262029 0.332541 0.788 0.431

L23.Precip. horaria -0.000961 0.003287 -0.292 0.770

L23.Temp. prom aire -0.000862 0.000444 -1.939 0.052

L24.Conduct -0.094846 0.064294 -1.475 0.140

L24.Water 0.181128 0.089621 2.021 0.043

L24.Temp 0.004551 0.077510 0.059 0.953

L24.Precip. horaria 0.002100 0.003301 0.636 0.525

L24.Temp. prom aire 0.000418 0.000414 1.011 0.312

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.699148 0.222105 -3.148 0.002

L1.Conduct 1.897570 2.071071 0.916 0.360

L1.Water -6.236526 2.398073 -2.601 0.009

L1.Temp -0.531294 0.947260 -0.561 0.575

L1.Precip. horaria 0.084106 0.054288 1.549 0.121

L1.Temp. prom aire 0.002082 0.006616 0.315 0.753

L2.Conduct -5.726106 9.739388 -0.588 0.557

L2.Water 22.490805 10.061016 2.235 0.025

L2.Temp -0.832562 3.614160 -0.230 0.818

L2.Precip. horaria -0.122835 0.054139 -2.269 0.023

L2.Temp. prom aire 0.004341 0.007137 0.608 0.543

L3.Conduct 4.484555 22.184265 0.202 0.840

L3.Water -33.259207 20.292989 -1.639 0.101

L3.Temp 7.012431 6.534554 1.073 0.283

L3.Precip. horaria 0.196134 0.054025 3.630 0.000

L3.Temp. prom aire -0.005127 0.007149 -0.717 0.473

L4.Conduct 9.145035 34.259309 0.267 0.790

L4.Water 25.772937 28.074656 0.918 0.359

L4.Temp -12.704808 8.306212 -1.530 0.126

L4.Precip. horaria -0.170376 0.054883 -3.104 0.002

L4.Temp. prom aire -0.008955 0.007183 -1.247 0.213

L5.Conduct -31.492753 42.373531 -0.743 0.457

L5.Water -4.303148 31.866871 -0.135 0.893

L5.Temp 11.931227 9.019064 1.323 0.186

L5.Precip. horaria 0.101432 0.055084 1.841 0.066

L5.Temp. prom aire -0.000669 0.007189 -0.093 0.926

L6.Conduct 49.256067 46.356786 1.063 0.288

L6.Water -18.768364 33.023962 -0.568 0.570

L6.Temp -6.222191 9.225585 -0.674 0.500

L6.Precip. horaria -0.134047 0.054735 -2.449 0.014

L6.Temp. prom aire -0.001647 0.007204 -0.229 0.819

L7.Conduct -52.617907 47.210206 -1.115 0.265

L7.Water 26.206167 33.451082 0.783 0.433

L7.Temp -2.892542 10.363171 -0.279 0.780

L7.Precip. horaria 0.095356 0.054711 1.743 0.081

L7.Temp. prom aire 0.005450 0.007174 0.760 0.447

L8.Conduct 39.936511 45.298781 0.882 0.378

L8.Water -17.618524 33.655906 -0.523 0.601

L8.Temp 16.159422 13.343389 1.211 0.226

L8.Precip. horaria -0.012496 0.054370 -0.230 0.818

L8.Temp. prom aire 0.001877 0.007288 0.258 0.797

L9.Conduct -16.998887 42.248392 -0.402 0.687

L9.Water 8.036667 34.273365 0.234 0.815

L9.Temp -31.335316 16.965417 -1.847 0.065

L9.Precip. horaria 0.215163 0.054090 3.978 0.000

L9.Temp. prom aire 0.006733 0.007210 0.934 0.350

L10.Conduct -6.793071 41.339886 -0.164 0.869

L10.Water 0.099082 35.962238 0.003 0.998

L10.Temp 42.423133 19.714033 2.152 0.031

L10.Precip. horaria -0.081050 0.055609 -1.457 0.145

L10.Temp. prom aire -0.008592 0.007244 -1.186 0.236

L11.Conduct 28.941213 42.773937 0.677 0.499

L11.Water -13.032900 37.586385 -0.347 0.729

L11.Temp -45.856357 21.037645 -2.180 0.029

L11.Precip. horaria -0.027423 0.055785 -0.492 0.623

L11.Temp. prom aire -0.007072 0.007182 -0.985 0.325

L12.Conduct -49.493813 44.215093 -1.119 0.263

L12.Water 30.732464 38.058274 0.808 0.419

L12.Temp 44.061129 21.276504 2.071 0.038

L12.Precip. horaria -0.096240 0.055645 -1.730 0.084

L12.Temp. prom aire 0.002370 0.007173 0.330 0.741

L13.Conduct 61.332207 43.895066 1.397 0.162

L13.Water -42.252550 37.336533 -1.132 0.258

L13.Temp -37.925184 20.888561 -1.816 0.069

L13.Precip. horaria 0.039373 0.055810 0.705 0.481

L13.Temp. prom aire 0.000550 0.007192 0.076 0.939

L14.Conduct -56.522828 40.125433 -1.409 0.159

L14.Water 34.981439 35.036530 0.998 0.318

L14.Temp 24.639744 20.110810 1.225 0.221

L14.Precip. horaria -0.072490 0.055763 -1.300 0.194

L14.Temp. prom aire 0.004865 0.007175 0.678 0.498

L15.Conduct 36.220865 31.777246 1.140 0.254

L15.Water -16.202949 30.595543 -0.530 0.596

L15.Temp -5.422849 19.050709 -0.285 0.776

L15.Precip. horaria 0.037075 0.055731 0.665 0.506

L15.Temp. prom aire -0.003317 0.007231 -0.459 0.646

L16.Conduct -13.521423 20.455196 -0.661 0.509

L16.Water 3.126430 25.274231 0.124 0.902

L16.Temp -13.717196 18.310152 -0.749 0.454

L16.Precip. horaria -0.124455 0.054748 -2.273 0.023

L16.Temp. prom aire -0.000248 0.007261 -0.034 0.973

L17.Conduct 0.508048 11.038127 0.046 0.963

L17.Water 1.978551 22.205201 0.089 0.929

L17.Temp 27.265885 18.547976 1.470 0.142

L17.Precip. horaria -0.036589 0.055368 -0.661 0.509

L17.Temp. prom aire 0.005318 0.007317 0.727 0.467

L18.Conduct 5.774398 8.114400 0.712 0.477

L18.Water -4.889148 21.702453 -0.225 0.822

L18.Temp -33.121883 18.998008 -1.743 0.081

L18.Precip. horaria -0.042369 0.055144 -0.768 0.442

L18.Temp. prom aire 0.004329 0.007253 0.597 0.551

L19.Conduct -11.373502 8.166710 -1.393 0.164

L19.Water 6.863047 21.370702 0.321 0.748

L19.Temp 32.330584 19.004580 1.701 0.089

L19.Precip. horaria 0.087591 0.054841 1.597 0.110

L19.Temp. prom aire -0.004638 0.007246 -0.640 0.522

L20.Conduct 16.613136 8.017339 2.072 0.038

L20.Water -7.833774 20.240234 -0.387 0.699

L20.Temp -26.438350 18.276924 -1.447 0.148

L20.Precip. horaria 0.061625 0.055228 1.116 0.264

L20.Temp. prom aire 0.000698 0.007221 0.097 0.923

L21.Conduct -19.666361 7.677708 -2.561 0.010

L21.Water 8.493299 17.704258 0.480 0.631

L21.Temp 17.921830 15.963899 1.123 0.262

L21.Precip. horaria -0.054384 0.054446 -0.999 0.318

L21.Temp. prom aire 0.023341 0.007237 3.225 0.001

L22.Conduct 15.976286 6.677151 2.393 0.017

L22.Water -7.443913 12.856539 -0.579 0.563

L22.Temp -9.948672 11.372308 -0.875 0.382

L22.Precip. horaria -0.009141 0.054163 -0.169 0.866

L22.Temp. prom aire -0.020900 0.007306 -2.861 0.004

L23.Conduct -7.228448 4.000789 -1.807 0.071

L23.Water 3.935677 6.357352 0.619 0.536

L23.Temp 4.044400 5.523817 0.732 0.464

L23.Precip. horaria 0.059759 0.054599 1.095 0.274

L23.Temp. prom aire -0.000806 0.007381 -0.109 0.913

L24.Conduct 1.367881 1.067979 1.281 0.200

L24.Water -0.867613 1.488687 -0.583 0.560

L24.Temp -0.822590 1.287520 -0.639 0.523

L24.Precip. horaria -0.049265 0.054837 -0.898 0.369

L24.Temp. prom aire -0.000308 0.006870 -0.045 0.964

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -1.076928 1.811563 -0.594 0.552

L1.Conduct -7.527947 16.892367 -0.446 0.656

L1.Water 0.336930 19.559513 0.017 0.986

L1.Temp -3.883211 7.726180 -0.503 0.615

L1.Precip. horaria -0.303713 0.442791 -0.686 0.493

L1.Temp. prom aire 0.412190 0.053962 7.639 0.000

L2.Conduct 33.363125 79.437810 0.420 0.674

L2.Water -8.738895 82.061119 -0.106 0.915

L2.Temp 4.798399 29.478340 0.163 0.871

L2.Precip. horaria -0.550492 0.441574 -1.247 0.213

L2.Temp. prom aire 0.073169 0.058214 1.257 0.209

L3.Conduct -42.769122 180.942518 -0.236 0.813

L3.Water 8.775823 165.516626 0.053 0.958

L3.Temp 13.329900 53.298079 0.250 0.803

L3.Precip. horaria -0.217657 0.440644 -0.494 0.621

L3.Temp. prom aire 0.073957 0.058308 1.268 0.205

L4.Conduct -27.739063 279.430745 -0.099 0.921

L4.Water 38.072797 228.986581 0.166 0.868

L4.Temp 2.319438 67.748335 0.034 0.973

L4.Precip. horaria 0.135831 0.447646 0.303 0.762

L4.Temp. prom aire 0.026007 0.058585 0.444 0.657

L5.Conduct 171.067439 345.613140 0.495 0.621

L5.Water -118.998538 259.917195 -0.458 0.647

L5.Temp -71.691448 73.562601 -0.975 0.330

L5.Precip. horaria -0.765553 0.449288 -1.704 0.088

L5.Temp. prom aire -0.020035 0.058632 -0.342 0.733

L6.Conduct -268.301251 378.101948 -0.710 0.478

L6.Water 151.249263 269.354832 0.562 0.574

L6.Temp 64.349317 75.247057 0.855 0.392

L6.Precip. horaria -0.307803 0.446437 -0.689 0.491

L6.Temp. prom aire -0.094949 0.058755 -1.616 0.106

L7.Conduct 202.122396 385.062731 0.525 0.600

L7.Water -62.261960 272.838569 -0.228 0.819

L7.Temp 54.985263 84.525595 0.651 0.515

L7.Precip. horaria -0.315597 0.446241 -0.707 0.479

L7.Temp. prom aire 0.148838 0.058514 2.544 0.011

L8.Conduct -32.360599 369.472496 -0.088 0.930

L8.Water -78.320590 274.509184 -0.285 0.775

L8.Temp -161.300565 108.833287 -1.482 0.138

L8.Precip. horaria -0.298963 0.443457 -0.674 0.500

L8.Temp. prom aire -0.011973 0.059442 -0.201 0.840

L9.Conduct -113.653356 344.592464 -0.330 0.742

L9.Water 147.466584 279.545395 0.528 0.598

L9.Temp 210.112446 138.375795 1.518 0.129

L9.Precip. horaria 0.341258 0.441179 0.774 0.439

L9.Temp. prom aire -0.083883 0.058809 -1.426 0.154

L10.Conduct 250.118312 337.182374 0.742 0.458

L10.Water -162.403741 293.320425 -0.554 0.580

L10.Temp -249.351405 160.794456 -1.551 0.121

L10.Precip. horaria 0.535803 0.453564 1.181 0.237

L10.Temp. prom aire -0.019485 0.059086 -0.330 0.742

L11.Conduct -411.618687 348.878997 -1.180 0.238

L11.Water 175.213129 306.567531 0.572 0.568

L11.Temp 300.150199 171.590297 1.749 0.080

L11.Precip. horaria 0.357379 0.454998 0.785 0.432

L11.Temp. prom aire -0.058638 0.058583 -1.001 0.317

L12.Conduct 529.080291 360.633555 1.467 0.142

L12.Water -175.860173 310.416419 -0.567 0.571

L12.Temp -313.616402 173.538509 -1.807 0.071

L12.Precip. horaria -0.282131 0.453862 -0.622 0.534

L12.Temp. prom aire -0.014742 0.058508 -0.252 0.801

L13.Conduct -523.435492 358.023309 -1.462 0.144

L13.Water 142.605685 304.529646 0.468 0.640

L13.Temp 230.729770 170.374317 1.354 0.176

L13.Precip. horaria -0.304509 0.455206 -0.669 0.504

L13.Temp. prom aire 0.029398 0.058658 0.501 0.616

L14.Conduct 400.127418 327.276880 1.223 0.221

L14.Water -52.273854 285.770031 -0.183 0.855

L14.Temp -93.443652 164.030708 -0.570 0.569

L14.Precip. horaria -0.664051 0.454821 -1.460 0.144

L14.Temp. prom aire 0.092823 0.058519 1.586 0.113

L15.Conduct -240.776877 259.186190 -0.929 0.353

L15.Water -67.615522 249.547809 -0.271 0.786

L15.Temp -37.639422 155.384160 -0.242 0.809

L15.Precip. horaria -0.195438 0.454564 -0.430 0.667

L15.Temp. prom aire -0.012987 0.058981 -0.220 0.826

L16.Conduct 108.236090 166.839638 0.649 0.517

L16.Water 143.329315 206.145354 0.695 0.487

L16.Temp 161.961880 149.343923 1.084 0.278

L16.Precip. horaria -0.921896 0.446542 -2.065 0.039

L16.Temp. prom aire -0.092778 0.059222 -1.567 0.117

L17.Conduct -23.062022 90.030776 -0.256 0.798

L17.Water -138.153926 181.113280 -0.763 0.446

L17.Temp -254.860126 151.283691 -1.685 0.092

L17.Precip. horaria 0.714852 0.451604 1.583 0.113

L17.Temp. prom aire 0.067320 0.059679 1.128 0.259

L18.Conduct -2.099955 66.183848 -0.032 0.975

L18.Water 99.070664 177.012697 0.560 0.576

L18.Temp 305.044160 154.954313 1.969 0.049

L18.Precip. horaria 0.028656 0.449773 0.064 0.949

L18.Temp. prom aire -0.006219 0.059157 -0.105 0.916

L19.Conduct -18.832998 66.610505 -0.283 0.777

L19.Water -100.532210 174.306823 -0.577 0.564

L19.Temp -337.040667 155.007916 -2.174 0.030

L19.Precip. horaria -0.268862 0.447306 -0.601 0.548

L19.Temp. prom aire -0.023095 0.059102 -0.391 0.696

L20.Conduct 51.781853 65.392188 0.792 0.428

L20.Water 116.717216 165.086334 0.707 0.480

L20.Temp 328.431671 149.072897 2.203 0.028

L20.Precip. horaria -0.367497 0.450462 -0.816 0.415

L20.Temp. prom aire -0.057988 0.058900 -0.985 0.325

L21.Conduct -58.708099 62.622037 -0.937 0.349

L21.Water -87.764370 144.402035 -0.608 0.543

L21.Temp -251.402981 130.207073 -1.931 0.054

L21.Precip. horaria 0.165225 0.444084 0.372 0.710

L21.Temp. prom aire 0.074568 0.059026 1.263 0.206

L22.Conduct 30.560390 54.461149 0.561 0.575

L22.Water 42.328883 104.862373 0.404 0.686

L22.Temp 138.726362 92.756472 1.496 0.135

L22.Precip. horaria -0.153769 0.441775 -0.348 0.728

L22.Temp. prom aire -0.009151 0.059589 -0.154 0.878

L23.Conduct -4.096674 32.631814 -0.126 0.900

L23.Water -17.567317 51.852754 -0.339 0.735

L23.Temp -47.582142 45.054158 -1.056 0.291

L23.Precip. horaria 0.420926 0.445329 0.945 0.345

L23.Temp. prom aire 0.059186 0.060200 0.983 0.326

L24.Conduct -1.302401 8.710809 -0.150 0.881

L24.Water 5.298378 12.142245 0.436 0.663

L24.Temp 7.237078 10.501456 0.689 0.491

L24.Precip. horaria 0.049359 0.447266 0.110 0.912

L24.Temp. prom aire -0.130693 0.056033 -2.332 0.020

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.780682 0.314254 -0.020093 -0.007854

Water 0.780682 1.000000 0.311210 -0.091723 -0.030307

Temp 0.314254 0.311210 1.000000 -0.044680 -0.075476

Precip. horaria -0.020093 -0.091723 -0.044680 1.000000 0.061195

Temp. prom aire -0.007854 -0.030307 -0.075476 0.061195 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.0122

Nobs: 464.000 HQIC: -26.2853

Log likelihood: 3904.20 FPE: 4.88020e-13

AIC: -28.4101 Det(Omega\_mle): 1.53196e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.188332 0.076390 2.465 0.014

L1.Conduct 4.105295 0.100821 40.719 0.000

L1.Water -0.483959 0.831607 -0.582 0.561

L1.Temp 0.890169 0.540146 1.648 0.099

L1.Precip. horaria 0.015771 0.014657 1.076 0.282

L1.Temp. prom aire -0.002688 0.001743 -1.542 0.123

L2.Conduct -7.197373 0.427659 -16.830 0.000

L2.Water 0.865575 3.542141 0.244 0.807

L2.Temp -4.703428 2.395631 -1.963 0.050

L2.Precip. horaria 0.000339 0.014450 0.023 0.981

L2.Temp. prom aire -0.001410 0.001859 -0.758 0.448

L3.Conduct 7.396936 0.847470 8.728 0.000

L3.Water 0.259985 7.067312 0.037 0.971

L3.Temp 11.683501 5.069142 2.305 0.021

L3.Precip. horaria -0.016777 0.014259 -1.177 0.239

L3.Temp. prom aire -0.003246 0.001865 -1.740 0.082

L4.Conduct -5.359652 1.127141 -4.755 0.000

L4.Water -2.296766 9.459207 -0.243 0.808

L4.Temp -18.694598 7.242449 -2.581 0.010

L4.Precip. horaria -0.005142 0.014544 -0.354 0.724

L4.Temp. prom aire 0.002449 0.001868 1.311 0.190

L5.Conduct 2.962108 1.240636 2.388 0.017

L5.Water 5.434010 10.418958 0.522 0.602

L5.Temp 22.431342 8.384281 2.675 0.007

L5.Precip. horaria -0.001314 0.014923 -0.088 0.930

L5.Temp. prom aire 0.001885 0.001861 1.013 0.311

L6.Conduct -0.857760 1.284689 -0.668 0.504

L6.Water -9.036531 10.773883 -0.839 0.402

L6.Temp -21.597996 8.767894 -2.463 0.014

L6.Precip. horaria 0.016598 0.014829 1.119 0.263

L6.Temp. prom aire -0.001031 0.001862 -0.554 0.580

L7.Conduct -1.402654 1.343803 -1.044 0.297

L7.Water 8.560377 11.380131 0.752 0.452

L7.Temp 18.856609 8.732611 2.159 0.031

L7.Precip. horaria 0.005068 0.014958 0.339 0.735

L7.Temp. prom aire -0.000201 0.001875 -0.107 0.915

L8.Conduct 4.003780 1.401901 2.856 0.004

L8.Water -2.311547 12.170112 -0.190 0.849

L8.Temp -19.597544 8.554128 -2.291 0.022

L8.Precip. horaria -0.001844 0.014912 -0.124 0.902

L8.Temp. prom aire -0.001513 0.001882 -0.804 0.422

L9.Conduct -5.092140 1.424869 -3.574 0.000

L9.Water -8.223361 12.706185 -0.647 0.518

L9.Temp 21.987280 8.797644 2.499 0.012

L9.Precip. horaria -0.001762 0.015131 -0.116 0.907

L9.Temp. prom aire -0.000774 0.001851 -0.418 0.676

L10.Conduct 3.607298 1.445850 2.495 0.013

L10.Water 20.827703 13.095411 1.590 0.112

L10.Temp -17.550988 9.670771 -1.815 0.070

L10.Precip. horaria 0.012368 0.015242 0.811 0.417

L10.Temp. prom aire -0.000873 0.001851 -0.472 0.637

L11.Conduct -1.247858 1.464672 -0.852 0.394

L11.Water -29.762155 13.352739 -2.229 0.026

L11.Temp 4.771252 10.542628 0.453 0.651

L11.Precip. horaria -0.014898 0.015225 -0.979 0.328

L11.Temp. prom aire -0.000693 0.001827 -0.379 0.705

L12.Conduct -0.174262 1.476485 -0.118 0.906

L12.Water 30.649705 13.476196 2.274 0.023

L12.Temp 9.414449 10.970062 0.858 0.391

L12.Precip. horaria 0.029469 0.015138 1.947 0.052

L12.Temp. prom aire 0.000236 0.001835 0.129 0.898

L13.Conduct -0.296838 1.489477 -0.199 0.842

L13.Water -22.358308 13.581873 -1.646 0.100

L13.Temp -18.331217 10.911769 -1.680 0.093

L13.Precip. horaria 0.018877 0.015213 1.241 0.215

L13.Temp. prom aire -0.000213 0.001826 -0.117 0.907

L14.Conduct 1.716226 1.435614 1.195 0.232

L14.Water 6.808740 13.142595 0.518 0.604

L14.Temp 22.039994 10.393502 2.121 0.034

L14.Precip. horaria 0.020824 0.015207 1.369 0.171

L14.Temp. prom aire -0.001221 0.001830 -0.667 0.505

L15.Conduct -1.726111 1.211861 -1.424 0.154

L15.Water 7.653075 11.374921 0.673 0.501

L15.Temp -24.795953 9.497641 -2.611 0.009

L15.Precip. horaria 0.004453 0.015181 0.293 0.769

L15.Temp. prom aire 0.003801 0.001823 2.085 0.037

L16.Conduct 0.589350 0.808260 0.729 0.466

L16.Water -15.519045 8.553195 -1.814 0.070

L16.Temp 24.959433 8.721840 2.862 0.004

L16.Precip. horaria 0.038186 0.014920 2.559 0.010

L16.Temp. prom aire 0.000873 0.001829 0.477 0.633

L17.Conduct -0.198671 0.401483 -0.495 0.621

L17.Water 19.412090 6.445433 3.012 0.003

L17.Temp -17.446268 8.622659 -2.023 0.043

L17.Precip. horaria 0.005245 0.015181 0.345 0.730

L17.Temp. prom aire 0.002139 0.001836 1.165 0.244

L18.Conduct 0.602357 0.240443 2.505 0.012

L18.Water -22.183222 5.961774 -3.721 0.000

L18.Temp 3.813517 8.816265 0.433 0.665

L18.Precip. horaria 0.036105 0.015196 2.376 0.018

L18.Temp. prom aire 0.000072 0.001847 0.039 0.969

L19.Conduct -0.771842 0.231217 -3.338 0.001

L19.Water 24.797579 5.939755 4.175 0.000

L19.Temp 8.942811 8.813005 1.015 0.310

L19.Precip. horaria -0.011612 0.015138 -0.767 0.443

L19.Temp. prom aire -0.000054 0.001834 -0.029 0.977

L20.Conduct 0.301804 0.228858 1.319 0.187

L20.Water -25.338022 5.751082 -4.406 0.000

L20.Temp -15.272340 8.436284 -1.810 0.070

L20.Precip. horaria -0.014398 0.015204 -0.947 0.344

L20.Temp. prom aire 0.002055 0.001829 1.123 0.261

L21.Conduct 0.186567 0.218278 0.855 0.393

L21.Water 19.765407 5.095635 3.879 0.000

L21.Temp 14.106133 7.305831 1.931 0.054

L21.Precip. horaria 0.000021 0.014983 0.001 0.999

L21.Temp. prom aire -0.000254 0.001842 -0.138 0.890

L22.Conduct -0.148017 0.201470 -0.735 0.463

L22.Water -10.062671 3.693859 -2.724 0.006

L22.Temp -8.464897 5.099429 -1.660 0.097

L22.Precip. horaria 0.004253 0.014577 0.292 0.770

L22.Temp. prom aire -0.000226 0.001875 -0.120 0.904

L23.Conduct -0.026293 0.135247 -0.194 0.846

L23.Water 2.929732 1.826546 1.604 0.109

L23.Temp 3.039095 2.389150 1.272 0.203

L23.Precip. horaria -0.002662 0.014536 -0.183 0.855

L23.Temp. prom aire -0.000147 0.001892 -0.078 0.938

L24.Conduct 0.026678 0.039657 0.673 0.501

L24.Water -0.386542 0.430487 -0.898 0.369

L24.Temp -0.486255 0.533110 -0.912 0.362

L24.Precip. horaria 0.008101 0.014134 0.573 0.567

L24.Temp. prom aire 0.001208 0.001781 0.678 0.498

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.024909 0.009256 2.691 0.007

L1.Conduct -0.003165 0.012217 -0.259 0.796

L1.Water 4.110150 0.100767 40.789 0.000

L1.Temp 0.154104 0.065450 2.355 0.019

L1.Precip. horaria 0.001884 0.001776 1.061 0.289

L1.Temp. prom aire -0.000262 0.000211 -1.241 0.215

L2.Conduct 0.015545 0.051820 0.300 0.764

L2.Water -7.375511 0.429206 -17.184 0.000

L2.Temp -0.699360 0.290282 -2.409 0.016

L2.Precip. horaria -0.001516 0.001751 -0.866 0.386

L2.Temp. prom aire -0.000026 0.000225 -0.117 0.906

L3.Conduct -0.015041 0.102689 -0.146 0.884

L3.Water 7.795564 0.856355 9.103 0.000

L3.Temp 1.533881 0.614235 2.497 0.013

L3.Precip. horaria -0.003046 0.001728 -1.763 0.078

L3.Temp. prom aire -0.000226 0.000226 -1.000 0.317

L4.Conduct -0.026359 0.136577 -0.193 0.847

L4.Water -5.536417 1.146185 -4.830 0.000

L4.Temp -2.263478 0.877577 -2.579 0.010

L4.Precip. horaria -0.000120 0.001762 -0.068 0.946

L4.Temp. prom aire 0.000075 0.000226 0.331 0.741

L5.Conduct 0.069325 0.150329 0.461 0.645

L5.Water 2.895009 1.262479 2.293 0.022

L5.Temp 2.531055 1.015934 2.491 0.013

L5.Precip. horaria 0.001386 0.001808 0.766 0.443

L5.Temp. prom aire 0.000097 0.000225 0.430 0.667

L6.Conduct -0.066014 0.155668 -0.424 0.672

L6.Water -1.100150 1.305486 -0.843 0.399

L6.Temp -2.230532 1.062417 -2.099 0.036

L6.Precip. horaria 0.002368 0.001797 1.318 0.188

L6.Temp. prom aire 0.000018 0.000226 0.081 0.935

L7.Conduct 0.017089 0.162830 0.105 0.916

L7.Water -0.778250 1.378945 -0.564 0.572

L7.Temp 1.824266 1.058142 1.724 0.085

L7.Precip. horaria -0.000279 0.001812 -0.154 0.878

L7.Temp. prom aire 0.000039 0.000227 0.171 0.864

L8.Conduct 0.041170 0.169870 0.242 0.809

L8.Water 3.527951 1.474668 2.392 0.017

L8.Temp -1.822948 1.036515 -1.759 0.079

L8.Precip. horaria -0.003843 0.001807 -2.127 0.033

L8.Temp. prom aire -0.000060 0.000228 -0.262 0.793

L9.Conduct -0.041513 0.172653 -0.240 0.810

L9.Water -5.765760 1.539625 -3.745 0.000

L9.Temp 1.821179 1.066022 1.708 0.088

L9.Precip. horaria 0.002012 0.001833 1.097 0.273

L9.Temp. prom aire -0.000240 0.000224 -1.071 0.284

L10.Conduct -0.015045 0.175196 -0.086 0.932

L10.Water 6.138956 1.586788 3.869 0.000

L10.Temp -1.100340 1.171820 -0.939 0.348

L10.Precip. horaria 0.003481 0.001847 1.885 0.059

L10.Temp. prom aire -0.000100 0.000224 -0.446 0.656

L11.Conduct 0.067402 0.177476 0.380 0.704

L11.Water -5.083763 1.617969 -3.142 0.002

L11.Temp -0.266896 1.277464 -0.209 0.835

L11.Precip. horaria -0.001023 0.001845 -0.554 0.579

L11.Temp. prom aire -0.000063 0.000221 -0.285 0.776

L12.Conduct -0.096946 0.178908 -0.542 0.588

L12.Water 3.840324 1.632928 2.352 0.019

L12.Temp 1.526406 1.329257 1.148 0.251

L12.Precip. horaria 0.003193 0.001834 1.741 0.082

L12.Temp. prom aire 0.000130 0.000222 0.585 0.558

L13.Conduct 0.061716 0.180482 0.342 0.732

L13.Water -3.087483 1.645733 -1.876 0.061

L13.Temp -2.013336 1.322193 -1.523 0.128

L13.Precip. horaria 0.002307 0.001843 1.252 0.211

L13.Temp. prom aire -0.000120 0.000221 -0.541 0.589

L14.Conduct 0.034612 0.173955 0.199 0.842

L14.Water 2.160228 1.592505 1.356 0.175

L14.Temp 2.000572 1.259394 1.589 0.112

L14.Precip. horaria 0.002166 0.001843 1.175 0.240

L14.Temp. prom aire -0.000185 0.000222 -0.833 0.405

L15.Conduct -0.072226 0.146843 -0.492 0.623

L15.Water -0.468707 1.378314 -0.340 0.734

L15.Temp -2.122577 1.150842 -1.844 0.065

L15.Precip. horaria 0.001334 0.001839 0.725 0.468

L15.Temp. prom aire 0.000308 0.000221 1.396 0.163

L16.Conduct 0.036607 0.097938 0.374 0.709

L16.Water -1.238134 1.036402 -1.195 0.232

L16.Temp 2.024849 1.056837 1.916 0.055

L16.Precip. horaria 0.002730 0.001808 1.510 0.131

L16.Temp. prom aire -0.000053 0.000222 -0.237 0.813

L17.Conduct -0.024441 0.048648 -0.502 0.615

L17.Water 2.183116 0.781002 2.795 0.005

L17.Temp -1.078922 1.044819 -1.033 0.302

L17.Precip. horaria 0.002711 0.001840 1.474 0.141

L17.Temp. prom aire 0.000209 0.000222 0.940 0.347

L18.Conduct 0.062648 0.029135 2.150 0.032

L18.Water -2.560730 0.722396 -3.545 0.000

L18.Temp -0.454926 1.068278 -0.426 0.670

L18.Precip. horaria 0.001322 0.001841 0.718 0.473

L18.Temp. prom aire -0.000013 0.000224 -0.060 0.952

L19.Conduct -0.095024 0.028017 -3.392 0.001

L19.Water 2.989968 0.719728 4.154 0.000

L19.Temp 1.722846 1.067883 1.613 0.107

L19.Precip. horaria -0.002759 0.001834 -1.504 0.133

L19.Temp. prom aire 0.000039 0.000222 0.174 0.862

L20.Conduct 0.059364 0.027731 2.141 0.032

L20.Water -3.402147 0.696866 -4.882 0.000

L20.Temp -2.105581 1.022236 -2.060 0.039

L20.Precip. horaria -0.001132 0.001842 -0.615 0.539

L20.Temp. prom aire -0.000094 0.000222 -0.423 0.672

L21.Conduct 0.009397 0.026449 0.355 0.722

L21.Water 2.949129 0.617445 4.776 0.000

L21.Temp 1.706149 0.885257 1.927 0.054

L21.Precip. horaria 0.001529 0.001815 0.842 0.400

L21.Temp. prom aire 0.000102 0.000223 0.456 0.649

L22.Conduct -0.033755 0.024412 -1.383 0.167

L22.Water -1.615711 0.447590 -3.610 0.000

L22.Temp -0.991330 0.617904 -1.604 0.109

L22.Precip. horaria 0.000524 0.001766 0.297 0.767

L22.Temp. prom aire -0.000173 0.000227 -0.759 0.448

L23.Conduct 0.019099 0.016388 1.165 0.244

L23.Water 0.480898 0.221325 2.173 0.030

L23.Temp 0.363417 0.289496 1.255 0.209

L23.Precip. horaria 0.000418 0.001761 0.238 0.812

L23.Temp. prom aire 0.000008 0.000229 0.036 0.971

L24.Conduct -0.004516 0.004805 -0.940 0.347

L24.Water -0.058716 0.052163 -1.126 0.260

L24.Temp -0.058686 0.064598 -0.908 0.364

L24.Precip. horaria -0.000181 0.001713 -0.106 0.916

L24.Temp. prom aire -0.000048 0.000216 -0.223 0.824

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.023744 0.007640 3.108 0.002

L1.Conduct 0.005443 0.010084 0.540 0.589

L1.Water -0.116034 0.083175 -1.395 0.163

L1.Temp 4.354449 0.054024 80.602 0.000

L1.Precip. horaria 0.000732 0.001466 0.500 0.617

L1.Temp. prom aire 0.000478 0.000174 2.742 0.006

L2.Conduct -0.031655 0.042773 -0.740 0.459

L2.Water 0.463927 0.354275 1.310 0.190

L2.Temp -8.436315 0.239604 -35.209 0.000

L2.Precip. horaria -0.000151 0.001445 -0.105 0.917

L2.Temp. prom aire -0.000413 0.000186 -2.219 0.026

L3.Conduct 0.085419 0.084762 1.008 0.314

L3.Water -0.815804 0.706852 -1.154 0.248

L3.Temp 9.938341 0.507001 19.602 0.000

L3.Precip. horaria -0.000969 0.001426 -0.679 0.497

L3.Temp. prom aire -0.000166 0.000187 -0.890 0.374

L4.Conduct -0.142869 0.112733 -1.267 0.205

L4.Water 0.837165 0.946082 0.885 0.376

L4.Temp -8.361344 0.724368 -11.543 0.000

L4.Precip. horaria 0.002058 0.001455 1.415 0.157

L4.Temp. prom aire -0.000147 0.000187 -0.786 0.432

L5.Conduct 0.172627 0.124085 1.391 0.164

L5.Water -0.514271 1.042074 -0.494 0.622

L5.Temp 5.665080 0.838571 6.756 0.000

L5.Precip. horaria 0.001133 0.001493 0.759 0.448

L5.Temp. prom aire -0.000003 0.000186 -0.016 0.987

L6.Conduct -0.174692 0.128491 -1.360 0.174

L6.Water 0.080688 1.077572 0.075 0.940

L6.Temp -3.167862 0.876939 -3.612 0.000

L6.Precip. horaria 0.001616 0.001483 1.090 0.276

L6.Temp. prom aire 0.000001 0.000186 0.005 0.996

L7.Conduct 0.150191 0.134403 1.117 0.264

L7.Water 0.412256 1.138207 0.362 0.717

L7.Temp 0.192279 0.873410 0.220 0.826

L7.Precip. horaria -0.000827 0.001496 -0.553 0.580

L7.Temp. prom aire -0.000168 0.000188 -0.898 0.369

L8.Conduct -0.081112 0.140214 -0.578 0.563

L8.Water -1.244317 1.217219 -1.022 0.307

L8.Temp 3.884302 0.855559 4.540 0.000

L8.Precip. horaria -0.001128 0.001491 -0.756 0.449

L8.Temp. prom aire -0.000043 0.000188 -0.226 0.821

L9.Conduct -0.028741 0.142511 -0.202 0.840

L9.Water 2.327816 1.270835 1.832 0.067

L9.Temp -7.253254 0.879914 -8.243 0.000

L9.Precip. horaria -0.000741 0.001513 -0.490 0.624

L9.Temp. prom aire 0.000047 0.000185 0.252 0.801

L10.Conduct 0.154990 0.144610 1.072 0.284

L10.Water -2.986339 1.309764 -2.280 0.023

L10.Temp 7.963448 0.967242 8.233 0.000

L10.Precip. horaria 0.001004 0.001524 0.659 0.510

L10.Temp. prom aire 0.000143 0.000185 0.772 0.440

L11.Conduct -0.238403 0.146492 -1.627 0.104

L11.Water 2.625825 1.335502 1.966 0.049

L11.Temp -6.339541 1.054443 -6.012 0.000

L11.Precip. horaria 0.000181 0.001523 0.119 0.905

L11.Temp. prom aire -0.000325 0.000183 -1.777 0.076

L12.Conduct 0.236584 0.147674 1.602 0.109

L12.Water -1.313675 1.347849 -0.975 0.330

L12.Temp 4.129514 1.097193 3.764 0.000

L12.Precip. horaria 0.000764 0.001514 0.505 0.614

L12.Temp. prom aire -0.000094 0.000184 -0.513 0.608

L13.Conduct -0.221097 0.148973 -1.484 0.138

L13.Water 0.005447 1.358419 0.004 0.997

L13.Temp -2.967029 1.091363 -2.719 0.007

L13.Precip. horaria 0.001729 0.001522 1.136 0.256

L13.Temp. prom aire -0.000017 0.000183 -0.092 0.926

L14.Conduct 0.223878 0.143586 1.559 0.119

L14.Water 0.614970 1.314484 0.468 0.640

L14.Temp 2.515110 1.039528 2.419 0.016

L14.Precip. horaria 0.000971 0.001521 0.638 0.523

L14.Temp. prom aire -0.000016 0.000183 -0.085 0.932

L15.Conduct -0.177726 0.121207 -1.466 0.143

L15.Water -0.896141 1.137686 -0.788 0.431

L15.Temp -1.086042 0.949926 -1.143 0.253

L15.Precip. horaria 0.003367 0.001518 2.217 0.027

L15.Temp. prom aire -0.000067 0.000182 -0.366 0.714

L16.Conduct 0.097180 0.080840 1.202 0.229

L16.Water 1.009092 0.855465 1.180 0.238

L16.Temp -1.231206 0.872333 -1.411 0.158

L16.Precip. horaria -0.000423 0.001492 -0.283 0.777

L16.Temp. prom aire 0.000017 0.000183 0.092 0.926

L17.Conduct -0.044721 0.040155 -1.114 0.265

L17.Water -0.735120 0.644653 -1.140 0.254

L17.Temp 2.699152 0.862413 3.130 0.002

L17.Precip. horaria 0.003319 0.001518 2.186 0.029

L17.Temp. prom aire -0.000457 0.000184 -2.489 0.013

L18.Conduct 0.037567 0.024048 1.562 0.118

L18.Water 0.071091 0.596279 0.119 0.905

L18.Temp -2.632993 0.881777 -2.986 0.003

L18.Precip. horaria 0.001768 0.001520 1.163 0.245

L18.Temp. prom aire -0.000015 0.000185 -0.080 0.936

L19.Conduct -0.056793 0.023126 -2.456 0.014

L19.Water 0.714768 0.594077 1.203 0.229

L19.Temp 2.167349 0.881451 2.459 0.014

L19.Precip. horaria -0.000262 0.001514 -0.173 0.863

L19.Temp. prom aire -0.000059 0.000183 -0.323 0.746

L20.Conduct 0.051350 0.022890 2.243 0.025

L20.Water -1.030448 0.575206 -1.791 0.073

L20.Temp -2.329077 0.843772 -2.760 0.006

L20.Precip. horaria -0.000519 0.001521 -0.341 0.733

L20.Temp. prom aire 0.000107 0.000183 0.582 0.560

L21.Conduct -0.018716 0.021832 -0.857 0.391

L21.Water 0.689146 0.509650 1.352 0.176

L21.Temp 2.427197 0.730708 3.322 0.001

L21.Precip. horaria -0.000129 0.001499 -0.086 0.931

L21.Temp. prom aire 0.000202 0.000184 1.094 0.274

L22.Conduct 0.002256 0.020150 0.112 0.911

L22.Water -0.244601 0.369449 -0.662 0.508

L22.Temp -1.649439 0.510030 -3.234 0.001

L22.Precip. horaria -0.001360 0.001458 -0.933 0.351

L22.Temp. prom aire -0.000366 0.000188 -1.950 0.051

L23.Conduct -0.001309 0.013527 -0.097 0.923

L23.Water 0.052388 0.182686 0.287 0.774

L23.Temp 0.623166 0.238956 2.608 0.009

L23.Precip. horaria 0.002398 0.001454 1.649 0.099

L23.Temp. prom aire -0.000253 0.000189 -1.337 0.181

L24.Conduct 0.000346 0.003966 0.087 0.931

L24.Water -0.008293 0.043056 -0.193 0.847

L24.Temp -0.104882 0.053320 -1.967 0.049

L24.Precip. horaria -0.000685 0.001414 -0.484 0.628

L24.Temp. prom aire 0.000168 0.000178 0.943 0.346

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.419445 0.279890 -1.499 0.134

L1.Conduct 0.624285 0.369404 1.690 0.091

L1.Water -7.524804 3.046984 -2.470 0.014

L1.Temp -2.527204 1.979078 -1.277 0.202

L1.Precip. horaria 0.124005 0.053701 2.309 0.021

L1.Temp. prom aire 0.003465 0.006385 0.543 0.587

L2.Conduct -2.275681 1.566930 -1.452 0.146

L2.Water 29.440443 12.978296 2.268 0.023

L2.Temp 6.892827 8.777517 0.785 0.432

L2.Precip. horaria -0.076828 0.052946 -1.451 0.147

L2.Temp. prom aire 0.005503 0.006812 0.808 0.419

L3.Conduct 4.415523 3.105106 1.422 0.155

L3.Water -56.826004 25.894412 -2.195 0.028

L3.Temp -11.681355 18.573181 -0.629 0.529

L3.Precip. horaria 0.260695 0.052245 4.990 0.000

L3.Temp. prom aire -0.009779 0.006834 -1.431 0.152

L4.Conduct -5.529309 4.129811 -1.339 0.181

L4.Water 69.268803 34.658244 1.999 0.046

L4.Temp 24.553840 26.536111 0.925 0.355

L4.Precip. horaria -0.220842 0.053287 -4.144 0.000

L4.Temp. prom aire 0.000038 0.006843 0.006 0.996

L5.Conduct 3.028489 4.545651 0.666 0.505

L5.Water -41.711060 38.174742 -1.093 0.275

L5.Temp -42.309746 30.719746 -1.377 0.168

L5.Precip. horaria 0.079605 0.054676 1.456 0.145

L5.Temp. prom aire 0.001239 0.006818 0.182 0.856

L6.Conduct 1.876543 4.707063 0.399 0.690

L6.Water -11.256576 39.475177 -0.285 0.776

L6.Temp 51.386389 32.125293 1.600 0.110

L6.Precip. horaria -0.194924 0.054334 -3.588 0.000

L6.Temp. prom aire -0.000567 0.006821 -0.083 0.934

L7.Conduct -4.198405 4.923651 -0.853 0.394

L7.Water 35.967267 41.696450 0.863 0.388

L7.Temp -53.490846 31.996019 -1.672 0.095

L7.Precip. horaria 0.143691 0.054805 2.622 0.009

L7.Temp. prom aire 0.001410 0.006871 0.205 0.837

L8.Conduct 3.769778 5.136521 0.734 0.463

L8.Water -31.709551 44.590916 -0.711 0.477

L8.Temp 52.967100 31.342062 1.690 0.091

L8.Precip. horaria -0.053727 0.054638 -0.983 0.325

L8.Temp. prom aire -0.001299 0.006895 -0.188 0.851

L9.Conduct -3.772292 5.220678 -0.723 0.470

L9.Water 34.904956 46.555071 0.750 0.453

L9.Temp -45.937872 32.234298 -1.425 0.154

L9.Precip. horaria 0.214656 0.055440 3.872 0.000

L9.Temp. prom aire 0.008816 0.006783 1.300 0.194

L10.Conduct 3.063090 5.297549 0.578 0.563

L10.Water -34.019936 47.981182 -0.709 0.478

L10.Temp 30.071828 35.433409 0.849 0.396

L10.Precip. horaria -0.117156 0.055845 -2.098 0.036

L10.Temp. prom aire 0.000739 0.006783 0.109 0.913

L11.Conduct 0.516465 5.366512 0.096 0.923

L11.Water 4.310568 48.924023 0.088 0.930

L11.Temp -6.676750 38.627866 -0.173 0.863

L11.Precip. horaria -0.027443 0.055784 -0.492 0.623

L11.Temp. prom aire -0.004428 0.006695 -0.661 0.508

L12.Conduct -5.186067 5.409794 -0.959 0.338

L12.Water 39.630377 49.376368 0.803 0.422

L12.Temp -14.127477 40.193971 -0.351 0.725

L12.Precip. horaria -0.117353 0.055464 -2.116 0.034

L12.Temp. prom aire -0.000443 0.006723 -0.066 0.947

L13.Conduct 8.187015 5.457400 1.500 0.134

L13.Water -66.740306 49.763564 -1.341 0.180

L13.Temp 24.612268 39.980385 0.616 0.538

L13.Precip. horaria 0.122570 0.055739 2.199 0.028

L13.Temp. prom aire 0.001806 0.006690 0.270 0.787

L14.Conduct -8.557096 5.260046 -1.627 0.104

L14.Water 63.102292 48.154065 1.310 0.190

L14.Temp -34.875299 38.081473 -0.916 0.360

L14.Precip. horaria 0.020006 0.055717 0.359 0.720

L14.Temp. prom aire 0.002962 0.006705 0.442 0.659

L15.Conduct 6.945896 4.440222 1.564 0.118

L15.Water -41.734751 41.677361 -1.001 0.317

L15.Temp 53.363522 34.799064 1.533 0.125

L15.Precip. horaria 0.100565 0.055621 1.808 0.071

L15.Temp. prom aire 0.001980 0.006680 0.296 0.767

L16.Conduct -4.382284 2.961440 -1.480 0.139

L16.Water 18.019881 31.338642 0.575 0.565

L16.Temp -73.315504 31.956555 -2.294 0.022

L16.Precip. horaria -0.147215 0.054667 -2.693 0.007

L16.Temp. prom aire -0.001675 0.006700 -0.250 0.803

L17.Conduct 1.378791 1.471022 0.937 0.349

L17.Water 5.114534 23.615868 0.217 0.829

L17.Temp 85.379883 31.593157 2.702 0.007

L17.Precip. horaria -0.043804 0.055624 -0.787 0.431

L17.Temp. prom aire 0.002639 0.006725 0.392 0.695

L18.Conduct 0.683439 0.880977 0.776 0.438

L18.Water -18.495718 21.843755 -0.847 0.397

L18.Temp -85.563167 32.302524 -2.649 0.008

L18.Precip. horaria 0.043087 0.055679 0.774 0.439

L18.Temp. prom aire 0.000578 0.006768 0.085 0.932

L19.Conduct -1.004793 0.847173 -1.186 0.236

L19.Water 18.733724 21.763079 0.861 0.389

L19.Temp 76.735863 32.290581 2.376 0.017

L19.Precip. horaria 0.090474 0.055466 1.631 0.103

L19.Temp. prom aire -0.003083 0.006720 -0.459 0.646

L20.Conduct 1.398076 0.838529 1.667 0.095

L20.Water -20.339618 21.071789 -0.965 0.334

L20.Temp -64.493034 30.910285 -2.086 0.037

L20.Precip. horaria 0.047662 0.055706 0.856 0.392

L20.Temp. prom aire 0.002364 0.006702 0.353 0.724

L21.Conduct -2.069482 0.799763 -2.588 0.010

L21.Water 22.963168 18.670249 1.230 0.219

L21.Temp 49.322333 26.768339 1.843 0.065

L21.Precip. horaria -0.104582 0.054896 -1.905 0.057

L21.Temp. prom aire 0.022599 0.006749 3.349 0.001

L22.Conduct 1.206524 0.738181 1.634 0.102

L22.Water -14.286942 13.534186 -1.056 0.291

L22.Temp -30.016193 18.684150 -1.607 0.108

L22.Precip. horaria -0.053163 0.053409 -0.995 0.320

L22.Temp. prom aire -0.016128 0.006870 -2.348 0.019

L23.Conduct 0.099384 0.495543 0.201 0.841

L23.Water 2.634867 6.692407 0.394 0.694

L23.Temp 11.916583 8.753773 1.361 0.173

L23.Precip. horaria -0.000800 0.053260 -0.015 0.988

L23.Temp. prom aire -0.002909 0.006931 -0.420 0.675

L24.Conduct -0.216160 0.145304 -1.488 0.137

L24.Water 0.555259 1.577292 0.352 0.725

L24.Temp -2.188176 1.953299 -1.120 0.263

L24.Precip. horaria -0.054974 0.051787 -1.062 0.288

L24.Temp. prom aire -0.000092 0.006524 -0.014 0.989

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 7.699473 2.362552 3.259 0.001

L1.Conduct -1.266864 3.118142 -0.406 0.685

L1.Water -10.485124 25.719614 -0.408 0.684

L1.Temp -3.337704 16.705414 -0.200 0.842

L1.Precip. horaria 0.002092 0.453291 0.005 0.996

L1.Temp. prom aire 0.392115 0.053893 7.276 0.000

L2.Conduct 2.279634 13.226465 0.172 0.863

L2.Water 35.175389 109.549903 0.321 0.748

L2.Temp 11.943167 74.091095 0.161 0.872

L2.Precip. horaria -0.055763 0.446917 -0.125 0.901

L2.Temp. prom aire 0.033431 0.057501 0.581 0.561

L3.Conduct 0.714210 26.210221 0.027 0.978

L3.Water -48.013874 218.574940 -0.220 0.826

L3.Temp 1.848979 156.776370 0.012 0.991

L3.Precip. horaria -0.119368 0.441001 -0.271 0.787

L3.Temp. prom aire 0.036640 0.057685 0.635 0.525

L4.Conduct -0.270843 34.859768 -0.008 0.994

L4.Water 8.729885 292.550516 0.030 0.976

L4.Temp -33.783976 223.991527 -0.151 0.880

L4.Precip. horaria 0.648677 0.449800 1.442 0.149

L4.Temp. prom aire -0.010086 0.057765 -0.175 0.861

L5.Conduct -5.268215 38.369876 -0.137 0.891

L5.Water 48.535849 322.233304 0.151 0.880

L5.Temp 76.765034 259.305623 0.296 0.767

L5.Precip. horaria -0.830151 0.461521 -1.799 0.072

L5.Temp. prom aire -0.013257 0.057550 -0.230 0.818

L6.Conduct 0.889054 39.732354 0.022 0.982

L6.Water -38.808843 333.210285 -0.116 0.907

L6.Temp -192.300229 271.169854 -0.709 0.478

L6.Precip. horaria 0.475336 0.458635 1.036 0.300

L6.Temp. prom aire -0.094161 0.057573 -1.636 0.102

L7.Conduct 6.585108 41.560579 0.158 0.874

L7.Water 30.389056 351.960066 0.086 0.931

L7.Temp 344.683096 270.078650 1.276 0.202

L7.Precip. horaria 0.068704 0.462611 0.149 0.882

L7.Temp. prom aire 0.146009 0.057999 2.517 0.012

L8.Conduct 1.028787 43.357418 0.024 0.981

L8.Water -121.698357 376.392274 -0.323 0.746

L8.Temp -406.388403 264.558598 -1.536 0.125

L8.Precip. horaria 0.570875 0.461202 1.238 0.216

L8.Temp. prom aire -0.050014 0.058199 -0.859 0.390

L9.Conduct -20.257995 44.067785 -0.460 0.646

L9.Water 234.821589 392.971724 0.598 0.550

L9.Temp 400.766594 272.089962 1.473 0.141

L9.Precip. horaria 0.013901 0.467972 0.030 0.976

L9.Temp. prom aire -0.072920 0.057256 -1.274 0.203

L10.Conduct 38.863229 44.716654 0.869 0.385

L10.Water -261.386244 405.009541 -0.645 0.519

L10.Temp -433.277281 299.093684 -1.449 0.147

L10.Precip. horaria 0.766929 0.471388 1.627 0.104

L10.Temp. prom aire -0.051457 0.057258 -0.899 0.369

L11.Conduct -42.963032 45.298768 -0.948 0.343

L11.Water 172.224919 412.968071 0.417 0.677

L11.Temp 466.053605 326.058123 1.429 0.153

L11.Precip. horaria 0.524326 0.470872 1.114 0.265

L11.Temp. prom aire -0.029352 0.056513 -0.519 0.603

L12.Conduct 32.867430 45.664114 0.720 0.472

L12.Water -49.153552 416.786315 -0.118 0.906

L12.Temp -369.143686 339.277631 -1.088 0.277

L12.Precip. horaria 0.315988 0.468174 0.675 0.500

L12.Temp. prom aire -0.036792 0.056748 -0.648 0.517

L13.Conduct -20.846253 46.065954 -0.453 0.651

L13.Water -22.108676 420.054637 -0.053 0.958

L13.Temp 133.506982 337.474746 0.396 0.692

L13.Precip. horaria -0.656027 0.470491 -1.394 0.163

L13.Temp. prom aire 0.006692 0.056469 0.119 0.906

L14.Conduct 5.344109 44.400094 0.120 0.904

L14.Water 99.704045 406.468843 0.245 0.806

L14.Temp 91.690382 321.446019 0.285 0.775

L14.Precip. horaria -0.359453 0.470310 -0.764 0.445

L14.Temp. prom aire 0.103204 0.056596 1.824 0.068

L15.Conduct 6.302700 37.479952 0.168 0.866

L15.Water -172.446072 351.798939 -0.490 0.624

L15.Temp -231.355793 293.739175 -0.788 0.431

L15.Precip. horaria -0.017473 0.469497 -0.037 0.970

L15.Temp. prom aire -0.026295 0.056382 -0.466 0.641

L16.Conduct -2.150885 24.997542 -0.086 0.931

L16.Water 132.415434 264.529723 0.501 0.617

L16.Temp 368.167525 269.745535 1.365 0.172

L16.Precip. horaria -0.339140 0.461448 -0.735 0.462

L16.Temp. prom aire -0.077042 0.056558 -1.362 0.173

L17.Conduct -2.310345 12.416909 -0.186 0.852

L17.Water -42.369524 199.341729 -0.213 0.832

L17.Temp -535.239714 266.678093 -2.007 0.045

L17.Precip. horaria 0.832722 0.469527 1.774 0.076

L17.Temp. prom aire 0.072962 0.056769 1.285 0.199

L18.Conduct -2.459436 7.436337 -0.331 0.741

L18.Water 40.623427 184.383309 0.220 0.826

L18.Temp 670.037566 272.665866 2.457 0.014

L18.Precip. horaria 0.666185 0.469987 1.417 0.156

L18.Temp. prom aire 0.003677 0.057128 0.064 0.949

L19.Conduct 3.556017 7.150990 0.497 0.619

L19.Water -115.212026 183.702323 -0.627 0.531

L19.Temp -724.866579 272.565048 -2.659 0.008

L19.Precip. horaria 0.152167 0.468193 0.325 0.745

L19.Temp. prom aire -0.009020 0.056720 -0.159 0.874

L20.Conduct 4.073953 7.078032 0.576 0.565

L20.Water 143.645167 177.867141 0.808 0.419

L20.Temp 683.188692 260.913961 2.618 0.009

L20.Precip. horaria 0.060517 0.470214 0.129 0.898

L20.Temp. prom aire -0.045740 0.056569 -0.809 0.419

L21.Conduct -12.371743 6.750806 -1.833 0.067

L21.Water -73.600417 157.595724 -0.467 0.640

L21.Temp -548.205106 225.951763 -2.426 0.015

L21.Precip. horaria 0.033948 0.463374 0.073 0.942

L21.Temp. prom aire 0.053585 0.056965 0.941 0.347

L22.Conduct 12.208692 6.230990 1.959 0.050

L22.Water -7.687923 114.242168 -0.067 0.946

L22.Temp 344.021854 157.713062 2.181 0.029

L22.Precip. horaria -0.178663 0.450822 -0.396 0.692

L22.Temp. prom aire 0.008323 0.057987 0.144 0.886

L23.Conduct -5.191356 4.182879 -1.241 0.215

L23.Water 23.483639 56.490659 0.416 0.678

L23.Temp -141.746492 73.890665 -1.918 0.055

L23.Precip. horaria 0.831501 0.449567 1.850 0.064

L23.Temp. prom aire 0.075077 0.058502 1.283 0.199

L24.Conduct 0.628124 1.226510 0.512 0.609

L24.Water -6.805051 13.313932 -0.511 0.609

L24.Temp 27.219454 16.487816 1.651 0.099

L24.Precip. horaria 0.034140 0.437136 0.078 0.938

L24.Temp. prom aire -0.066587 0.055073 -1.209 0.227

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.851426 0.070316 0.042880 0.015999

Water 0.851426 1.000000 0.080042 0.027216 0.028447

Temp 0.070316 0.080042 1.000000 -0.013734 -0.006213

Precip. horaria 0.042880 0.027216 -0.013734 1.000000 0.127671

Temp. prom aire 0.015999 0.028447 -0.006213 0.127671 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -24.1277

Nobs: 464.000 HQIC: -27.4008

Log likelihood: 4163.01 FPE: 1.59939e-13

AIC: -29.5256 Det(Omega\_mle): 5.02069e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.015753 0.009300 1.694 0.090

L1.Conduct 4.845548 0.102157 47.432 0.000

L1.Water -0.918440 0.155311 -5.914 0.000

L1.Temp 0.203671 0.086843 2.345 0.019

L1.Precip. horaria -0.001232 0.003812 -0.323 0.746

L1.Temp. prom aire -0.000377 0.000443 -0.851 0.395

L2.Conduct -10.353252 0.439121 -23.577 0.000

L2.Water 3.873072 0.619796 6.249 0.000

L2.Temp -0.965706 0.352873 -2.737 0.006

L2.Precip. horaria 0.000248 0.003764 0.066 0.947

L2.Temp. prom aire -0.000013 0.000473 -0.029 0.977

L3.Conduct 13.175661 0.909917 14.480 0.000

L3.Water -7.171981 1.189554 -6.029 0.000

L3.Temp 2.153323 0.678021 3.176 0.001

L3.Precip. horaria -0.006482 0.003788 -1.711 0.087

L3.Temp. prom aire -0.000329 0.000471 -0.699 0.485

L4.Conduct -11.541432 1.283801 -8.990 0.000

L4.Water 8.097597 1.585055 5.109 0.000

L4.Temp -3.142913 0.897766 -3.501 0.000

L4.Precip. horaria 0.002243 0.003911 0.574 0.566

L4.Temp. prom aire 0.000487 0.000473 1.029 0.303

L5.Conduct 7.496930 1.475336 5.082 0.000

L5.Water -6.577436 1.756262 -3.745 0.000

L5.Temp 3.421176 1.003967 3.408 0.001

L5.Precip. horaria 0.000097 0.003938 0.025 0.980

L5.Temp. prom aire 0.000265 0.000472 0.560 0.575

L6.Conduct -3.050632 1.552794 -1.965 0.049

L6.Water 3.830974 1.814458 2.111 0.035

L6.Temp -2.798499 1.046153 -2.675 0.007

L6.Precip. horaria -0.000101 0.003867 -0.026 0.979

L6.Temp. prom aire -0.000773 0.000475 -1.627 0.104

L7.Conduct -1.853750 1.603253 -1.156 0.248

L7.Water -0.525125 1.923700 -0.273 0.785

L7.Temp 1.565863 1.075254 1.456 0.145

L7.Precip. horaria 0.000520 0.003923 0.133 0.894

L7.Temp. prom aire -0.000016 0.000477 -0.035 0.972

L8.Conduct 7.417424 1.622506 4.572 0.000

L8.Water -3.073891 2.077819 -1.479 0.139

L8.Temp -0.256905 1.148220 -0.224 0.823

L8.Precip. horaria -0.002062 0.003917 -0.526 0.599

L8.Temp. prom aire 0.000061 0.000477 0.128 0.898

L9.Conduct -11.444612 1.618831 -7.070 0.000

L9.Water 6.270823 2.186731 2.868 0.004

L9.Temp -0.902305 1.296393 -0.696 0.486

L9.Precip. horaria 0.002999 0.003918 0.765 0.444

L9.Temp. prom aire -0.000215 0.000474 -0.455 0.649

L10.Conduct 11.588828 1.699567 6.819 0.000

L10.Water -7.415784 2.306988 -3.214 0.001

L10.Temp 1.853110 1.473706 1.257 0.209

L10.Precip. horaria -0.003956 0.003995 -0.990 0.322

L10.Temp. prom aire 0.000192 0.000475 0.403 0.687

L11.Conduct -8.284075 1.822918 -4.544 0.000

L11.Water 5.784541 2.425236 2.385 0.017

L11.Temp -2.443802 1.603011 -1.525 0.127

L11.Precip. horaria 0.000385 0.004008 0.096 0.923

L11.Temp. prom aire -0.000573 0.000471 -1.218 0.223

L12.Conduct 3.820740 1.892241 2.019 0.043

L12.Water -2.713782 2.486846 -1.091 0.275

L12.Temp 2.468467 1.668683 1.479 0.139

L12.Precip. horaria 0.004429 0.003997 1.108 0.268

L12.Temp. prom aire 0.000119 0.000472 0.252 0.801

L13.Conduct -0.655274 1.896616 -0.345 0.730

L13.Water -0.243640 2.479550 -0.098 0.922

L13.Temp -1.853569 1.661667 -1.115 0.265

L13.Precip. horaria 0.001273 0.003966 0.321 0.748

L13.Temp. prom aire 0.000531 0.000475 1.119 0.263

L14.Conduct -0.656704 1.833263 -0.358 0.720

L14.Water 2.151241 2.401731 0.896 0.370

L14.Temp 0.978742 1.575744 0.621 0.535

L14.Precip. horaria -0.000532 0.003978 -0.134 0.894

L14.Temp. prom aire 0.000115 0.000475 0.243 0.808

L15.Conduct 1.262399 1.654367 0.763 0.445

L15.Water -2.125845 2.191742 -0.970 0.332

L15.Temp -0.283785 1.431069 -0.198 0.843

L15.Precip. horaria 0.005739 0.003974 1.444 0.149

L15.Temp. prom aire 0.000646 0.000471 1.373 0.170

L16.Conduct -1.545165 1.359141 -1.137 0.256

L16.Water 0.488532 1.860951 0.263 0.793

L16.Temp -0.245622 1.295071 -0.190 0.850

L16.Precip. horaria -0.001523 0.003939 -0.387 0.699

L16.Temp. prom aire -0.000569 0.000472 -1.204 0.228

L17.Conduct 1.495428 1.023546 1.461 0.144

L17.Water 0.851281 1.561326 0.545 0.586

L17.Temp 0.711994 1.266391 0.562 0.574

L17.Precip. horaria 0.003316 0.003952 0.839 0.401

L17.Temp. prom aire 0.000516 0.000474 1.090 0.275

L18.Conduct -1.238085 0.708804 -1.747 0.081

L18.Water -1.185666 1.354390 -0.875 0.381

L18.Temp -1.120647 1.289898 -0.869 0.385

L18.Precip. horaria 0.002274 0.003915 0.581 0.561

L18.Temp. prom aire -0.000632 0.000471 -1.343 0.179

L19.Conduct 0.694034 0.521536 1.331 0.183

L19.Water 1.869054 1.240161 1.507 0.132

L19.Temp 1.385567 1.283900 1.079 0.281

L19.Precip. horaria 0.003315 0.003880 0.854 0.393

L19.Temp. prom aire 0.000313 0.000469 0.668 0.504

L20.Conduct -0.158085 0.484236 -0.326 0.744

L20.Water -3.404327 1.168200 -2.914 0.004

L20.Temp -1.303058 1.231153 -1.058 0.290

L20.Precip. horaria -0.001218 0.003889 -0.313 0.754

L20.Temp. prom aire 0.000682 0.000469 1.454 0.146

L21.Conduct -0.167074 0.472936 -0.353 0.724

L21.Water 4.164950 1.050753 3.964 0.000

L21.Temp 0.881809 1.088796 0.810 0.418

L21.Precip. horaria 0.005247 0.003866 1.357 0.175

L21.Temp. prom aire -0.000276 0.000471 -0.587 0.557

L22.Conduct 0.346403 0.402893 0.860 0.390

L22.Water -3.023301 0.809091 -3.737 0.000

L22.Temp -0.405764 0.796458 -0.509 0.610

L22.Precip. horaria -0.002171 0.003790 -0.573 0.567

L22.Temp. prom aire -0.000460 0.000483 -0.952 0.341

L23.Conduct -0.273909 0.227489 -1.204 0.229

L23.Water 1.203362 0.423405 2.842 0.004

L23.Temp 0.111315 0.396221 0.281 0.779

L23.Precip. horaria 0.000748 0.003804 0.197 0.844

L23.Temp. prom aire 0.000243 0.000488 0.497 0.619

L24.Conduct 0.077972 0.057300 1.361 0.174

L24.Water -0.206062 0.102389 -2.013 0.044

L24.Temp -0.012777 0.093545 -0.137 0.891

L24.Precip. horaria 0.000355 0.003762 0.094 0.925

L24.Temp. prom aire -0.000098 0.000450 -0.217 0.828

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.009545 0.005966 1.600 0.110

L1.Conduct 0.645635 0.065533 9.852 0.000

L1.Water 3.252160 0.099631 32.642 0.000

L1.Temp -0.051962 0.055709 -0.933 0.351

L1.Precip. horaria -0.001829 0.002445 -0.748 0.455

L1.Temp. prom aire -0.000119 0.000284 -0.417 0.677

L2.Conduct -2.603992 0.281694 -9.244 0.000

L2.Water -3.939204 0.397596 -9.908 0.000

L2.Temp 0.203889 0.226366 0.901 0.368

L2.Precip. horaria 0.000652 0.002414 0.270 0.787

L2.Temp. prom aire 0.000269 0.000304 0.886 0.376

L3.Conduct 4.679273 0.583707 8.016 0.000

L3.Water 1.843088 0.763093 2.415 0.016

L3.Temp -0.274909 0.434947 -0.632 0.527

L3.Precip. horaria -0.002920 0.002430 -1.202 0.229

L3.Temp. prom aire -0.000406 0.000302 -1.345 0.179

L4.Conduct -5.251898 0.823552 -6.377 0.000

L4.Water 0.690133 1.016805 0.679 0.497

L4.Temp 0.020236 0.575912 0.035 0.972

L4.Precip. horaria 0.002762 0.002509 1.101 0.271

L4.Temp. prom aire 0.000281 0.000303 0.927 0.354

L5.Conduct 4.335595 0.946421 4.581 0.000

L5.Water -1.968116 1.126633 -1.747 0.081

L5.Temp 0.453744 0.644040 0.705 0.481

L5.Precip. horaria 0.000099 0.002526 0.039 0.969

L5.Temp. prom aire -0.000180 0.000303 -0.595 0.552

L6.Conduct -2.676383 0.996109 -2.687 0.007

L6.Water 2.163254 1.163966 1.859 0.063

L6.Temp -0.760458 0.671101 -1.133 0.257

L6.Precip. horaria 0.001586 0.002481 0.639 0.523

L6.Temp. prom aire -0.000302 0.000305 -0.991 0.322

L7.Conduct 0.653332 1.028478 0.635 0.525

L7.Water -2.342755 1.234043 -1.898 0.058

L7.Temp 0.728408 0.689770 1.056 0.291

L7.Precip. horaria 0.003430 0.002517 1.363 0.173

L7.Temp. prom aire 0.000260 0.000306 0.849 0.396

L8.Conduct 1.817950 1.040829 1.747 0.081

L8.Water 2.509139 1.332910 1.882 0.060

L8.Temp -0.626625 0.736577 -0.851 0.395

L8.Precip. horaria -0.002372 0.002513 -0.944 0.345

L8.Temp. prom aire -0.000024 0.000306 -0.077 0.938

L9.Conduct -4.342923 1.038472 -4.182 0.000

L9.Water -1.443198 1.402777 -1.029 0.304

L9.Temp 0.696106 0.831629 0.837 0.403

L9.Precip. horaria -0.001618 0.002514 -0.644 0.520

L9.Temp. prom aire -0.000238 0.000304 -0.784 0.433

L10.Conduct 5.719806 1.090263 5.246 0.000

L10.Water -0.295112 1.479921 -0.199 0.842

L10.Temp -0.704744 0.945375 -0.745 0.456

L10.Precip. horaria -0.000286 0.002562 -0.112 0.911

L10.Temp. prom aire 0.000008 0.000305 0.025 0.980

L11.Conduct -5.283293 1.169392 -4.518 0.000

L11.Water 1.167110 1.555776 0.750 0.453

L11.Temp 0.357382 1.028323 0.348 0.728

L11.Precip. horaria -0.002521 0.002571 -0.981 0.327

L11.Temp. prom aire -0.000067 0.000302 -0.221 0.825

L12.Conduct 3.525779 1.213863 2.905 0.004

L12.Water -0.838674 1.595299 -0.526 0.599

L12.Temp 0.124592 1.070451 0.116 0.907

L12.Precip. horaria 0.000150 0.002564 0.058 0.953

L12.Temp. prom aire -0.000326 0.000302 -1.078 0.281

L13.Conduct -1.607521 1.216669 -1.321 0.186

L13.Water -0.279572 1.590618 -0.176 0.860

L13.Temp -0.275150 1.065951 -0.258 0.796

L13.Precip. horaria -0.000924 0.002544 -0.363 0.717

L13.Temp. prom aire 0.000402 0.000305 1.319 0.187

L14.Conduct 0.339481 1.176029 0.289 0.773

L14.Water 1.112788 1.540698 0.722 0.470

L14.Temp 0.095549 1.010832 0.095 0.925

L14.Precip. horaria 0.002238 0.002552 0.877 0.381

L14.Temp. prom aire 0.000084 0.000305 0.274 0.784

L15.Conduct 0.348519 1.061268 0.328 0.743

L15.Water -0.665933 1.405991 -0.474 0.636

L15.Temp -0.010764 0.918023 -0.012 0.991

L15.Precip. horaria 0.002469 0.002549 0.969 0.333

L15.Temp. prom aire -0.000046 0.000302 -0.152 0.879

L16.Conduct -0.722855 0.871882 -0.829 0.407

L16.Water -0.604629 1.193790 -0.506 0.613

L16.Temp 0.178828 0.830781 0.215 0.830

L16.Precip. horaria -0.000112 0.002527 -0.044 0.965

L16.Temp. prom aire -0.000053 0.000303 -0.173 0.862

L17.Conduct 0.944191 0.656599 1.438 0.150

L17.Water 1.470694 1.001583 1.468 0.142

L17.Temp -0.289933 0.812383 -0.357 0.721

L17.Precip. horaria 0.001889 0.002535 0.745 0.456

L17.Temp. prom aire 0.000329 0.000304 1.081 0.279

L18.Conduct -0.976345 0.454694 -2.147 0.032

L18.Water -1.705480 0.868834 -1.963 0.050

L18.Temp 0.073788 0.827463 0.089 0.929

L18.Precip. horaria 0.005813 0.002511 2.315 0.021

L18.Temp. prom aire -0.000409 0.000302 -1.356 0.175

L19.Conduct 0.645872 0.334562 1.930 0.054

L19.Water 2.260752 0.795557 2.842 0.004

L19.Temp 0.279895 0.823615 0.340 0.734

L19.Precip. horaria 0.000839 0.002489 0.337 0.736

L19.Temp. prom aire 0.000550 0.000301 1.828 0.068

L20.Conduct -0.186564 0.310635 -0.601 0.548

L20.Water -3.311447 0.749394 -4.419 0.000

L20.Temp -0.400440 0.789778 -0.507 0.612

L20.Precip. horaria 0.001426 0.002494 0.572 0.568

L20.Temp. prom aire 0.000257 0.000301 0.855 0.392

L21.Conduct -0.006658 0.303386 -0.022 0.982

L21.Water 3.496047 0.674052 5.187 0.000

L21.Temp 0.199614 0.698457 0.286 0.775

L21.Precip. horaria 0.001655 0.002480 0.667 0.505

L21.Temp. prom aire -0.000722 0.000302 -2.387 0.017

L22.Conduct -0.057264 0.258454 -0.222 0.825

L22.Water -2.222147 0.519027 -4.281 0.000

L22.Temp 0.054088 0.510924 0.106 0.916

L22.Precip. horaria 0.001860 0.002431 0.765 0.444

L22.Temp. prom aire 0.000414 0.000310 1.335 0.182

L23.Conduct 0.098715 0.145933 0.676 0.499

L23.Water 0.759304 0.271612 2.796 0.005

L23.Temp -0.105775 0.254174 -0.416 0.677

L23.Precip. horaria -0.000604 0.002440 -0.248 0.804

L23.Temp. prom aire -0.000305 0.000313 -0.973 0.330

L24.Conduct -0.038347 0.036758 -1.043 0.297

L24.Water -0.108725 0.065682 -1.655 0.098

L24.Temp 0.034777 0.060008 0.580 0.562

L24.Precip. horaria 0.002269 0.002413 0.940 0.347

L24.Temp. prom aire -0.000250 0.000289 -0.866 0.387

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.007847 0.006342 1.237 0.216

L1.Conduct 0.320744 0.069669 4.604 0.000

L1.Water -0.350882 0.105919 -3.313 0.001

L1.Temp 3.834840 0.059225 64.750 0.000

L1.Precip. horaria -0.006140 0.002600 -2.362 0.018

L1.Temp. prom aire 0.000614 0.000302 2.029 0.042

L2.Conduct -1.512948 0.299472 -5.052 0.000

L2.Water 1.544097 0.422688 3.653 0.000

L2.Temp -6.191001 0.240652 -25.726 0.000

L2.Precip. horaria 0.001128 0.002567 0.439 0.660

L2.Temp. prom aire 0.000380 0.000323 1.177 0.239

L3.Conduct 3.184594 0.620545 5.132 0.000

L3.Water -3.063397 0.811252 -3.776 0.000

L3.Temp 5.691183 0.462397 12.308 0.000

L3.Precip. horaria 0.001614 0.002583 0.625 0.532

L3.Temp. prom aire -0.000990 0.000321 -3.083 0.002

L4.Conduct -4.054250 0.875526 -4.631 0.000

L4.Water 3.593430 1.080975 3.324 0.001

L4.Temp -3.628911 0.612258 -5.927 0.000

L4.Precip. horaria 0.002598 0.002667 0.974 0.330

L4.Temp. prom aire -0.000256 0.000322 -0.794 0.427

L5.Conduct 3.876087 1.006149 3.852 0.000

L5.Water -2.957054 1.197735 -2.469 0.014

L5.Temp 2.132514 0.684685 3.115 0.002

L5.Precip. horaria 0.000129 0.002686 0.048 0.962

L5.Temp. prom aire -0.000156 0.000322 -0.484 0.628

L6.Conduct -3.727567 1.058974 -3.520 0.000

L6.Water 2.665762 1.237424 2.154 0.031

L6.Temp -1.430813 0.713455 -2.005 0.045

L6.Precip. horaria -0.000046 0.002637 -0.018 0.986

L6.Temp. prom aire 0.000160 0.000324 0.494 0.621

L7.Conduct 3.947177 1.093386 3.610 0.000

L7.Water -3.474541 1.311924 -2.648 0.008

L7.Temp 0.043260 0.733302 0.059 0.953

L7.Precip. horaria 0.001195 0.002675 0.447 0.655

L7.Temp. prom aire 0.000600 0.000325 1.844 0.065

L8.Conduct -3.391851 1.106516 -3.065 0.002

L8.Water 3.921342 1.417030 2.767 0.006

L8.Temp 2.776562 0.783063 3.546 0.000

L8.Precip. horaria -0.000737 0.002672 -0.276 0.783

L8.Temp. prom aire -0.000118 0.000326 -0.364 0.716

L9.Conduct 1.330279 1.104010 1.205 0.228

L9.Water -2.882058 1.491306 -1.933 0.053

L9.Temp -5.015311 0.884114 -5.673 0.000

L9.Precip. horaria -0.000867 0.002672 -0.325 0.746

L9.Temp. prom aire -0.000306 0.000323 -0.947 0.344

L10.Conduct 1.437969 1.159070 1.241 0.215

L10.Water 1.008520 1.573319 0.641 0.522

L10.Temp 5.163032 1.005038 5.137 0.000

L10.Precip. horaria -0.002623 0.002724 -0.963 0.336

L10.Temp. prom aire 0.000091 0.000324 0.282 0.778

L11.Conduct -3.778802 1.243193 -3.040 0.002

L11.Water 0.918896 1.653962 0.556 0.579

L11.Temp -4.259382 1.093221 -3.896 0.000

L11.Precip. horaria 0.004485 0.002733 1.641 0.101

L11.Temp. prom aire 0.000395 0.000321 1.231 0.218

L12.Conduct 5.179030 1.290470 4.013 0.000

L12.Water -2.518696 1.695979 -1.485 0.138

L12.Temp 3.601094 1.138008 3.164 0.002

L12.Precip. horaria -0.004475 0.002726 -1.642 0.101

L12.Temp. prom aire -0.000902 0.000322 -2.806 0.005

L13.Conduct -5.665683 1.293453 -4.380 0.000

L13.Water 3.698932 1.691003 2.187 0.029

L13.Temp -3.696885 1.133223 -3.262 0.001

L13.Precip. horaria 0.002415 0.002705 0.893 0.372

L13.Temp. prom aire 0.000388 0.000324 1.199 0.231

L14.Conduct 5.345746 1.250248 4.276 0.000

L14.Water -4.340793 1.637932 -2.650 0.008

L14.Temp 3.576681 1.074626 3.328 0.001

L14.Precip. horaria 0.001520 0.002713 0.560 0.575

L14.Temp. prom aire -0.000056 0.000324 -0.174 0.862

L15.Conduct -4.018173 1.128245 -3.561 0.000

L15.Water 3.775649 1.494724 2.526 0.012

L15.Temp -1.821323 0.975960 -1.866 0.062

L15.Precip. horaria 0.004664 0.002710 1.721 0.085

L15.Temp. prom aire -0.000724 0.000321 -2.255 0.024

L16.Conduct 1.911200 0.926906 2.062 0.039

L16.Water -2.187529 1.269131 -1.724 0.085

L16.Temp -0.515352 0.883212 -0.583 0.560

L16.Precip. horaria -0.002515 0.002686 -0.936 0.349

L16.Temp. prom aire 0.000120 0.000322 0.372 0.710

L17.Conduct -0.124338 0.698037 -0.178 0.859

L17.Water 0.906832 1.064793 0.852 0.394

L17.Temp 1.626254 0.863653 1.883 0.060

L17.Precip. horaria 0.005080 0.002695 1.885 0.059

L17.Temp. prom aire 0.000050 0.000323 0.156 0.876

L18.Conduct -0.574687 0.483390 -1.189 0.234

L18.Water -0.594192 0.923667 -0.643 0.520

L18.Temp -1.757103 0.879684 -1.997 0.046

L18.Precip. horaria -0.000768 0.002670 -0.288 0.774

L18.Temp. prom aire -0.000371 0.000321 -1.155 0.248

L19.Conduct 0.558952 0.355677 1.572 0.116

L19.Water 0.780624 0.845765 0.923 0.356

L19.Temp 2.101377 0.875594 2.400 0.016

L19.Precip. horaria 0.002156 0.002646 0.815 0.415

L19.Temp. prom aire 0.000432 0.000320 1.352 0.176

L20.Conduct -0.598682 0.330239 -1.813 0.070

L20.Water -0.689888 0.796689 -0.866 0.387

L20.Temp -2.927474 0.839621 -3.487 0.000

L20.Precip. horaria -0.004406 0.002652 -1.661 0.097

L20.Temp. prom aire 0.000459 0.000320 1.433 0.152

L21.Conduct 0.808813 0.322533 2.508 0.012

L21.Water 0.253427 0.716592 0.354 0.724

L21.Temp 3.113880 0.742537 4.194 0.000

L21.Precip. horaria -0.002567 0.002636 -0.974 0.330

L21.Temp. prom aire -0.000406 0.000321 -1.264 0.206

L22.Conduct -0.768492 0.274765 -2.797 0.005

L22.Water 0.016361 0.551783 0.030 0.976

L22.Temp -2.005369 0.543168 -3.692 0.000

L22.Precip. horaria 0.001132 0.002585 0.438 0.661

L22.Temp. prom aire 0.000273 0.000329 0.828 0.408

L23.Conduct 0.407466 0.155143 2.626 0.009

L23.Water -0.025182 0.288753 -0.087 0.931

L23.Temp 0.684472 0.270215 2.533 0.011

L23.Precip. horaria 0.001211 0.002594 0.467 0.641

L23.Temp. prom aire -0.000535 0.000333 -1.606 0.108

L24.Conduct -0.092080 0.039077 -2.356 0.018

L24.Water -0.000330 0.069827 -0.005 0.996

L24.Temp -0.095997 0.063796 -1.505 0.132

L24.Precip. horaria -0.001640 0.002565 -0.639 0.523

L24.Temp. prom aire 0.000041 0.000307 0.135 0.893

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.243616 0.132163 -1.843 0.065

L1.Conduct 0.232166 1.451761 0.160 0.873

L1.Water -2.979155 2.207125 -1.350 0.177

L1.Temp 0.935440 1.234128 0.758 0.448

L1.Precip. horaria 0.157433 0.054171 2.906 0.004

L1.Temp. prom aire 0.000306 0.006301 0.049 0.961

L2.Conduct -4.583474 6.240362 -0.734 0.463

L2.Water 16.160754 8.807936 1.835 0.067

L2.Temp -7.052174 5.014691 -1.406 0.160

L2.Precip. horaria 0.010447 0.053485 0.195 0.845

L2.Temp. prom aire -0.001739 0.006727 -0.259 0.796

L3.Conduct 17.556998 12.930858 1.358 0.175

L3.Water -43.053843 16.904782 -2.547 0.011

L3.Temp 18.278225 9.635376 1.897 0.058

L3.Precip. horaria 0.228075 0.053827 4.237 0.000

L3.Temp. prom aire -0.004985 0.006690 -0.745 0.456

L4.Conduct -28.774479 18.244133 -1.577 0.115

L4.Water 69.311218 22.525262 3.077 0.002

L4.Temp -24.250630 12.758182 -1.901 0.057

L4.Precip. horaria -0.184173 0.055582 -3.314 0.001

L4.Temp. prom aire -0.001148 0.006717 -0.171 0.864

L5.Conduct 16.585350 20.966044 0.791 0.429

L5.Water -58.429772 24.958292 -2.341 0.019

L5.Temp 17.783042 14.267407 1.246 0.213

L5.Precip. horaria 0.135872 0.055965 2.428 0.015

L5.Temp. prom aire -0.001600 0.006712 -0.238 0.812

L6.Conduct 19.579640 22.066799 0.887 0.375

L6.Water 1.080026 25.785318 0.042 0.967

L6.Temp -0.363508 14.866903 -0.024 0.980

L6.Precip. horaria -0.238637 0.054955 -4.342 0.000

L6.Temp. prom aire -0.006702 0.006750 -0.993 0.321

L7.Conduct -47.396893 22.783871 -2.080 0.037

L7.Water 47.599321 27.337746 1.741 0.082

L7.Temp -24.437352 15.280467 -1.599 0.110

L7.Precip. horaria 0.125332 0.055751 2.248 0.025

L7.Temp. prom aire 0.006548 0.006780 0.966 0.334

L8.Conduct 39.948595 23.057469 1.733 0.083

L8.Water -45.123151 29.527935 -1.528 0.126

L8.Temp 50.521842 16.317382 3.096 0.002

L8.Precip. horaria -0.067857 0.055671 -1.219 0.223

L8.Temp. prom aire 0.000375 0.006785 0.055 0.956

L9.Conduct -8.913648 23.005256 -0.387 0.698

L9.Water 14.329993 31.075697 0.461 0.645

L9.Temp -70.325450 18.423078 -3.817 0.000

L9.Precip. horaria 0.191082 0.055683 3.432 0.001

L9.Temp. prom aire 0.006167 0.006731 0.916 0.360

L10.Conduct -19.801285 24.152586 -0.820 0.412

L10.Water 15.522813 32.784665 0.473 0.636

L10.Temp 79.022917 20.942880 3.773 0.000

L10.Precip. horaria -0.120410 0.056767 -2.121 0.034

L10.Temp. prom aire 0.000485 0.006756 0.072 0.943

L11.Conduct 39.748360 25.905531 1.534 0.125

L11.Water -42.738953 34.465094 -1.240 0.215

L11.Temp -77.100329 22.780432 -3.384 0.001

L11.Precip. horaria -0.042746 0.056953 -0.751 0.453

L11.Temp. prom aire -0.012757 0.006687 -1.908 0.056

L12.Conduct -55.377286 26.890689 -2.059 0.039

L12.Water 69.997933 35.340638 1.981 0.048

L12.Temp 68.087175 23.713695 2.871 0.004

L12.Precip. horaria -0.192059 0.056795 -3.382 0.001

L12.Temp. prom aire -0.000057 0.006701 -0.009 0.993

L13.Conduct 64.262895 26.952859 2.384 0.017

L13.Water -87.419000 35.236952 -2.481 0.013

L13.Temp -51.615902 23.613996 -2.186 0.029

L13.Precip. horaria 0.155437 0.056358 2.758 0.006

L13.Temp. prom aire 0.002419 0.006752 0.358 0.720

L14.Conduct -57.955458 26.052550 -2.225 0.026

L14.Water 78.829347 34.131060 2.310 0.021

L14.Temp 26.796631 22.392943 1.197 0.231

L14.Precip. horaria -0.008528 0.056533 -0.151 0.880

L14.Temp. prom aire 0.007457 0.006746 1.106 0.269

L15.Conduct 35.444372 23.510254 1.508 0.132

L15.Water -48.002736 31.146907 -1.541 0.123

L15.Temp 0.913973 20.336953 0.045 0.964

L15.Precip. horaria 0.056786 0.056476 1.006 0.315

L15.Temp. prom aire -0.002369 0.006692 -0.354 0.723

L16.Conduct -11.469723 19.314783 -0.594 0.553

L16.Water 18.635523 26.446026 0.705 0.481

L16.Temp -24.130638 18.404284 -1.311 0.190

L16.Precip. horaria -0.105283 0.055977 -1.881 0.060

L16.Temp. prom aire 0.001063 0.006712 0.158 0.874

L17.Conduct -1.974818 14.545636 -0.136 0.892

L17.Water -0.694869 22.188051 -0.031 0.975

L17.Temp 38.347218 17.996716 2.131 0.033

L17.Precip. horaria -0.003157 0.056168 -0.056 0.955

L17.Temp. prom aire 0.000908 0.006729 0.135 0.893

L18.Conduct 8.198788 10.072836 0.814 0.416

L18.Water -11.006243 19.247279 -0.572 0.567

L18.Temp -43.358799 18.330771 -2.365 0.018

L18.Precip. horaria -0.048662 0.055634 -0.875 0.382

L18.Temp. prom aire 0.003777 0.006689 0.565 0.572

L19.Conduct -14.181426 7.411558 -1.913 0.056

L19.Water 21.391237 17.623962 1.214 0.225

L19.Temp 42.072853 18.245543 2.306 0.021

L19.Precip. horaria 0.140735 0.055141 2.552 0.011

L19.Temp. prom aire -0.002548 0.006663 -0.382 0.702

L20.Conduct 23.237444 6.881498 3.377 0.001

L20.Water -33.098409 16.601321 -1.994 0.046

L20.Temp -35.458161 17.495942 -2.027 0.043

L20.Precip. horaria 0.007200 0.055260 0.130 0.896

L20.Temp. prom aire 0.009329 0.006669 1.399 0.162

L21.Conduct -29.441053 6.720905 -4.381 0.000

L21.Water 38.252417 14.932273 2.562 0.010

L21.Temp 24.871977 15.472916 1.607 0.108

L21.Precip. horaria -0.053965 0.054938 -0.982 0.326

L21.Temp. prom aire 0.017749 0.006696 2.651 0.008

L22.Conduct 23.301906 5.725520 4.070 0.000

L22.Water -28.163698 11.498008 -2.449 0.014

L22.Temp -14.498242 11.318483 -1.281 0.200

L22.Precip. horaria -0.048182 0.053858 -0.895 0.371

L22.Temp. prom aire -0.013835 0.006865 -2.015 0.044

L23.Conduct -9.996580 3.232854 -3.092 0.002

L23.Water 11.720229 6.017018 1.948 0.051

L23.Temp 6.407330 5.630708 1.138 0.255

L23.Precip. horaria -0.047431 0.054062 -0.877 0.380

L23.Temp. prom aire 0.002146 0.006935 0.309 0.757

L24.Conduct 1.781939 0.814292 2.188 0.029

L24.Water -2.124008 1.455048 -1.460 0.144

L24.Temp -1.449075 1.329365 -1.090 0.276

L24.Precip. horaria -0.111720 0.053460 -2.090 0.037

L24.Temp. prom aire 0.002689 0.006398 0.420 0.674

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.804675 1.131647 1.595 0.111

L1.Conduct -2.579021 12.430683 -0.207 0.836

L1.Water -10.488582 18.898485 -0.555 0.579

L1.Temp 2.519791 10.567206 0.238 0.812

L1.Precip. horaria 0.161808 0.463840 0.349 0.727

L1.Temp. prom aire 0.367439 0.053950 6.811 0.000

L2.Conduct 6.242634 53.433027 0.117 0.907

L2.Water 46.014207 75.417851 0.610 0.542

L2.Temp -18.679774 42.938238 -0.435 0.664

L2.Precip. horaria -0.316957 0.457965 -0.692 0.489

L2.Temp. prom aire 0.090150 0.057603 1.565 0.118

L3.Conduct -4.058452 110.720323 -0.037 0.971

L3.Water -88.608818 144.747005 -0.612 0.540

L3.Temp 54.615972 82.502795 0.662 0.508

L3.Precip. horaria -0.600131 0.460895 -1.302 0.193

L3.Temp. prom aire 0.042179 0.057283 0.736 0.462

L4.Conduct -7.230356 156.215186 -0.046 0.963

L4.Water 110.177121 192.872300 0.571 0.568

L4.Temp -50.995086 109.241786 -0.467 0.641

L4.Precip. horaria 0.078498 0.475922 0.165 0.869

L4.Temp. prom aire 0.019436 0.057517 0.338 0.735

L5.Conduct 29.303995 179.521514 0.163 0.870

L5.Water -109.538965 213.705098 -0.513 0.608

L5.Temp -2.657917 122.164514 -0.022 0.983

L5.Precip. horaria -0.057203 0.479199 -0.119 0.905

L5.Temp. prom aire -0.037859 0.057472 -0.659 0.510

L6.Conduct -48.540698 188.946718 -0.257 0.797

L6.Water 82.296144 220.786496 0.373 0.709

L6.Temp -20.200213 127.297695 -0.159 0.874

L6.Precip. horaria -0.019641 0.470554 -0.042 0.967

L6.Temp. prom aire -0.079210 0.057801 -1.370 0.171

L7.Conduct 67.994608 195.086638 0.349 0.727

L7.Water -63.396448 234.079142 -0.271 0.787

L7.Temp 123.825138 130.838828 0.946 0.344

L7.Precip. horaria -0.444194 0.477370 -0.931 0.352

L7.Temp. prom aire 0.136387 0.058052 2.349 0.019

L8.Conduct -143.139049 197.429321 -0.725 0.468

L8.Water 156.706729 252.832610 0.620 0.535

L8.Temp -160.164049 139.717396 -1.146 0.252

L8.Precip. horaria -0.363617 0.476685 -0.763 0.446

L8.Temp. prom aire -0.014431 0.058097 -0.248 0.804

L9.Conduct 243.898503 196.982245 1.238 0.216

L9.Water -325.544255 266.085306 -1.223 0.221

L9.Temp 115.730318 157.747399 0.734 0.463

L9.Precip. horaria 0.179940 0.476781 0.377 0.706

L9.Temp. prom aire -0.094230 0.057633 -1.635 0.102

L10.Conduct -239.808863 206.806244 -1.160 0.246

L10.Water 366.953761 280.718329 1.307 0.191

L10.Temp -95.659360 179.323174 -0.533 0.594

L10.Precip. horaria 0.852555 0.486066 1.754 0.079

L10.Temp. prom aire -0.039891 0.057850 -0.690 0.490

L11.Conduct 126.355981 221.815817 0.570 0.569

L11.Water -237.351302 295.106984 -0.804 0.421

L11.Temp 127.605616 195.057197 0.654 0.513

L11.Precip. horaria 0.533189 0.487655 1.093 0.274

L11.Temp. prom aire -0.025938 0.057260 -0.453 0.651

L12.Conduct -7.060228 230.251221 -0.031 0.976

L12.Water 65.775493 302.603816 0.217 0.828

L12.Temp -133.825731 203.048250 -0.659 0.510

L12.Precip. horaria -0.533292 0.486305 -1.097 0.273

L12.Temp. prom aire -0.000511 0.057378 -0.009 0.993

L13.Conduct -81.804254 230.783554 -0.354 0.723

L13.Water 91.822194 301.716004 0.304 0.761

L13.Temp 62.044529 202.194577 0.307 0.759

L13.Precip. horaria -0.167168 0.482568 -0.346 0.729

L13.Temp. prom aire 0.028328 0.057811 0.490 0.624

L14.Conduct 156.094586 223.074668 0.700 0.484

L14.Water -249.586948 292.246823 -0.854 0.393

L14.Temp 17.475775 191.739326 0.091 0.927

L14.Precip. horaria -0.566926 0.484066 -1.171 0.242

L14.Temp. prom aire 0.088271 0.057760 1.528 0.126

L15.Conduct -181.659880 201.306282 -0.902 0.367

L15.Water 330.014379 266.695039 1.237 0.216

L15.Temp -55.018924 174.134931 -0.316 0.752

L15.Precip. horaria -0.299949 0.483573 -0.620 0.535

L15.Temp. prom aire -0.029962 0.057304 -0.523 0.601

L16.Conduct 98.140062 165.382611 0.593 0.553

L16.Water -222.717294 226.443798 -0.984 0.325

L16.Temp 90.333077 157.586472 0.573 0.566

L16.Precip. horaria -0.238457 0.479305 -0.498 0.619

L16.Temp. prom aire -0.071694 0.057475 -1.247 0.212

L17.Conduct 31.334050 124.546847 0.252 0.801

L17.Water 31.652395 189.984942 0.167 0.868

L17.Temp -127.060119 154.096680 -0.825 0.410

L17.Precip. horaria 1.168896 0.480938 2.430 0.015

L17.Temp. prom aire 0.105161 0.057618 1.825 0.068

L18.Conduct -77.690045 86.248549 -0.901 0.368

L18.Water 69.868849 164.804614 0.424 0.672

L18.Temp 155.921096 156.957018 0.993 0.321

L18.Precip. horaria 0.132632 0.476366 0.278 0.781

L18.Temp. prom aire -0.004115 0.057271 -0.072 0.943

L19.Conduct 42.870898 63.461380 0.676 0.499

L19.Water -108.849475 150.904981 -0.721 0.471

L19.Temp -181.196246 156.227260 -1.160 0.246

L19.Precip. horaria 0.029613 0.472145 0.063 0.950

L19.Temp. prom aire -0.022057 0.057052 -0.387 0.699

L20.Conduct -8.776846 58.922748 -0.149 0.882

L20.Water 144.693044 142.148626 1.018 0.309

L20.Temp 168.983650 149.808808 1.128 0.259

L20.Precip. horaria 0.049090 0.473166 0.104 0.917

L20.Temp. prom aire -0.064818 0.057100 -1.135 0.256

L21.Conduct 14.213967 57.547677 0.247 0.805

L21.Water -159.944268 127.857424 -1.251 0.211

L21.Temp -106.824516 132.486672 -0.806 0.420

L21.Precip. horaria 0.528047 0.470410 1.123 0.262

L21.Temp. prom aire 0.106001 0.057334 1.849 0.064

L22.Conduct -37.715169 49.024704 -0.769 0.442

L22.Water 139.160295 98.451568 1.413 0.158

L22.Temp 38.342484 96.914386 0.396 0.692

L22.Precip. horaria 0.272752 0.461160 0.591 0.554

L22.Temp. prom aire 0.028572 0.058783 0.486 0.627

L23.Conduct 34.175634 27.681277 1.235 0.217

L23.Water -79.254478 51.520646 -1.538 0.124

L23.Temp -3.200793 48.212878 -0.066 0.947

L23.Precip. horaria 0.268119 0.462903 0.579 0.562

L23.Temp. prom aire 0.090904 0.059383 1.531 0.126

L24.Conduct -10.535730 6.972369 -1.511 0.131

L24.Water 20.136307 12.458829 1.616 0.106

L24.Temp -1.688859 11.382677 -0.148 0.882

L24.Precip. horaria -0.035647 0.457747 -0.078 0.938

L24.Temp. prom aire -0.090146 0.054783 -1.646 0.100

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.820051 -0.179230 0.043509 0.010610

Water 0.820051 1.000000 0.075670 -0.040850 0.011134

Temp -0.179230 0.075670 1.000000 -0.017144 -0.039575

Precip. horaria 0.043509 -0.040850 -0.017144 1.000000 0.081277

Temp. prom aire 0.010610 0.011134 -0.039575 0.081277 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -23.0870

Nobs: 464.000 HQIC: -26.3601

Log likelihood: 3921.56 FPE: 4.52833e-13

AIC: -28.4849 Det(Omega\_mle): 1.42151e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.046232 0.014293 3.235 0.001

L1.Conduct 4.334272 0.069870 62.034 0.000

L1.Water 0.248690 0.229915 1.082 0.279

L1.Temp -0.389113 0.140082 -2.778 0.005

L1.Precip. horaria 0.004686 0.006079 0.771 0.441

L1.Temp. prom aire -0.000550 0.000724 -0.760 0.447

L2.Conduct -8.488411 0.297840 -28.500 0.000

L2.Water -0.881522 0.996784 -0.884 0.376

L2.Temp 1.895318 0.575582 3.293 0.001

L2.Precip. horaria 0.006010 0.006086 0.987 0.323

L2.Temp. prom aire 0.000135 0.000763 0.176 0.860

L3.Conduct 10.443787 0.607795 17.183 0.000

L3.Water 1.269469 2.043341 0.621 0.534

L3.Temp -4.088848 1.132736 -3.610 0.000

L3.Precip. horaria -0.003559 0.006025 -0.591 0.555

L3.Temp. prom aire -0.000669 0.000766 -0.874 0.382

L4.Conduct -9.694805 0.851212 -11.389 0.000

L4.Water -0.950694 2.839420 -0.335 0.738

L4.Temp 5.381651 1.557813 3.455 0.001

L4.Precip. horaria -0.008641 0.006113 -1.414 0.157

L4.Temp. prom aire 0.000182 0.000767 0.237 0.812

L5.Conduct 7.590003 0.987692 7.685 0.000

L5.Water 0.780024 3.230341 0.241 0.809

L5.Temp -5.219886 1.811951 -2.881 0.004

L5.Precip. horaria -0.002348 0.006113 -0.384 0.701

L5.Temp. prom aire 0.001118 0.000764 1.463 0.143

L6.Conduct -5.012257 1.051171 -4.768 0.000

L6.Water -1.403225 3.369285 -0.416 0.677

L6.Temp 4.275234 1.951894 2.190 0.029

L6.Precip. horaria 0.000480 0.006084 0.079 0.937

L6.Temp. prom aire 0.001015 0.000771 1.318 0.188

L7.Conduct 1.743102 1.069739 1.629 0.103

L7.Water 1.444756 3.561501 0.406 0.685

L7.Temp -2.643801 2.062999 -1.282 0.200

L7.Precip. horaria 0.010656 0.006198 1.719 0.086

L7.Temp. prom aire -0.000853 0.000769 -1.110 0.267

L8.Conduct 2.323094 1.041527 2.230 0.026

L8.Water 0.158122 3.899353 0.041 0.968

L8.Temp -0.199430 2.201312 -0.091 0.928

L8.Precip. horaria -0.001547 0.006241 -0.248 0.804

L8.Temp. prom aire 0.001047 0.000776 1.350 0.177

L9.Conduct -5.666692 1.004108 -5.644 0.000

L9.Water -1.957990 4.254539 -0.460 0.645

L9.Temp 3.754630 2.391932 1.570 0.116

L9.Precip. horaria 0.001476 0.006369 0.232 0.817

L9.Temp. prom aire -0.001532 0.000763 -2.008 0.045

L10.Conduct 6.985339 1.026515 6.805 0.000

L10.Water 2.656985 4.591544 0.579 0.563

L10.Temp -6.340536 2.622127 -2.418 0.016

L10.Precip. horaria -0.003280 0.006466 -0.507 0.612

L10.Temp. prom aire 0.000549 0.000769 0.714 0.476

L11.Conduct -6.529509 1.086894 -6.007 0.000

L11.Water -2.948429 4.814165 -0.612 0.540

L11.Temp 6.784358 2.793584 2.429 0.015

L11.Precip. horaria -0.014602 0.006449 -2.264 0.024

L11.Temp. prom aire -0.000304 0.000762 -0.399 0.690

L12.Conduct 4.971400 1.128523 4.405 0.000

L12.Water 3.435728 4.895859 0.702 0.483

L12.Temp -5.456709 2.865241 -1.904 0.057

L12.Precip. horaria 0.002113 0.006417 0.329 0.742

L12.Temp. prom aire 0.000037 0.000769 0.048 0.962

L13.Conduct -3.568282 1.120468 -3.185 0.001

L13.Water -3.202012 4.923246 -0.650 0.515

L13.Temp 3.633713 2.847693 1.276 0.202

L13.Precip. horaria 0.014601 0.006385 2.287 0.022

L13.Temp. prom aire -0.000148 0.000768 -0.192 0.848

L14.Conduct 3.113598 1.029483 3.024 0.002

L14.Water 0.717283 4.873581 0.147 0.883

L14.Temp -1.991510 2.747136 -0.725 0.468

L14.Precip. horaria 0.003031 0.006492 0.467 0.641

L14.Temp. prom aire 0.001370 0.000762 1.799 0.072

L15.Conduct -2.706017 0.814925 -3.321 0.001

L15.Water 3.893325 4.574696 0.851 0.395

L15.Temp 0.314550 2.542329 0.124 0.902

L15.Precip. horaria -0.004230 0.006466 -0.654 0.513

L15.Temp. prom aire -0.000513 0.000771 -0.665 0.506

L16.Conduct 1.681091 0.513496 3.274 0.001

L16.Water -7.745768 4.072009 -1.902 0.057

L16.Temp 1.216014 2.290604 0.531 0.596

L16.Precip. horaria 0.001413 0.006410 0.220 0.826

L16.Temp. prom aire 0.000941 0.000767 1.227 0.220

L17.Conduct -0.608438 0.269865 -2.255 0.024

L17.Water 8.674881 3.697267 2.346 0.019

L17.Temp -1.987240 2.183688 -0.910 0.363

L17.Precip. horaria 0.011716 0.006420 1.825 0.068

L17.Temp. prom aire -0.000023 0.000769 -0.030 0.976

L18.Conduct 0.249462 0.197835 1.261 0.207

L18.Water -8.368966 3.534945 -2.367 0.018

L18.Temp 1.726827 2.190965 0.788 0.431

L18.Precip. horaria 0.017150 0.006451 2.658 0.008

L18.Temp. prom aire 0.001619 0.000775 2.088 0.037

L19.Conduct -0.495592 0.195729 -2.532 0.011

L19.Water 9.547527 3.418850 2.793 0.005

L19.Temp -0.858413 2.171220 -0.395 0.693

L19.Precip. horaria 0.017146 0.006392 2.683 0.007

L19.Temp. prom aire -0.000793 0.000778 -1.019 0.308

L20.Conduct 0.298367 0.190815 1.564 0.118

L20.Water -11.398162 3.167310 -3.599 0.000

L20.Temp 0.449322 2.068550 0.217 0.828

L20.Precip. horaria 0.005012 0.006521 0.769 0.442

L20.Temp. prom aire 0.000868 0.000775 1.121 0.262

L21.Conduct 0.453673 0.176900 2.565 0.010

L21.Water 10.531116 2.616777 4.024 0.000

L21.Temp -0.813523 1.807179 -0.450 0.653

L21.Precip. horaria 0.002341 0.006485 0.361 0.718

L21.Temp. prom aire 0.000293 0.000794 0.369 0.712

L22.Conduct -0.702692 0.162850 -4.315 0.000

L22.Water -6.474732 1.731971 -3.738 0.000

L22.Temp 0.960069 1.303526 0.737 0.461

L22.Precip. horaria 0.007226 0.006405 1.128 0.259

L22.Temp. prom aire 0.000097 0.000808 0.120 0.904

L23.Conduct 0.343887 0.107877 3.188 0.001

L23.Water 2.370445 0.773101 3.066 0.002

L23.Temp -0.510038 0.642069 -0.794 0.427

L23.Precip. horaria 0.003930 0.006204 0.633 0.526

L23.Temp. prom aire -0.000248 0.000816 -0.304 0.761

L24.Conduct -0.060067 0.030830 -1.948 0.051

L24.Water -0.397038 0.165544 -2.398 0.016

L24.Temp 0.103400 0.150778 0.686 0.493

L24.Precip. horaria 0.015100 0.006121 2.467 0.014

L24.Temp. prom aire 0.000725 0.000780 0.929 0.353

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.011123 0.004586 2.425 0.015

L1.Conduct 0.105275 0.022418 4.696 0.000

L1.Water 4.276821 0.073771 57.974 0.000

L1.Temp -0.294767 0.044947 -6.558 0.000

L1.Precip. horaria -0.000258 0.001950 -0.132 0.895

L1.Temp. prom aire -0.000159 0.000232 -0.686 0.493

L2.Conduct -0.477432 0.095565 -4.996 0.000

L2.Water -7.966718 0.319830 -24.909 0.000

L2.Temp 1.384900 0.184682 7.499 0.000

L2.Precip. horaria 0.000151 0.001953 0.078 0.938

L2.Temp. prom aire 0.000193 0.000245 0.789 0.430

L3.Conduct 0.985977 0.195018 5.056 0.000

L3.Water 8.812791 0.655630 13.442 0.000

L3.Temp -2.958321 0.363451 -8.140 0.000

L3.Precip. horaria -0.001865 0.001933 -0.965 0.335

L3.Temp. prom aire -0.000277 0.000246 -1.125 0.261

L4.Conduct -1.304678 0.273121 -4.777 0.000

L4.Water -6.835177 0.911061 -7.502 0.000

L4.Temp 3.897829 0.499842 7.798 0.000

L4.Precip. horaria -0.001417 0.001961 -0.723 0.470

L4.Temp. prom aire -0.000075 0.000246 -0.304 0.761

L5.Conduct 1.286230 0.316913 4.059 0.000

L5.Water 4.316887 1.036492 4.165 0.000

L5.Temp -3.685303 0.581386 -6.339 0.000

L5.Precip. horaria 0.002705 0.001962 1.379 0.168

L5.Temp. prom aire -0.000130 0.000245 -0.531 0.595

L6.Conduct -0.987267 0.337280 -2.927 0.003

L6.Water -2.409597 1.081074 -2.229 0.026

L6.Temp 2.762131 0.626288 4.410 0.000

L6.Precip. horaria -0.000088 0.001952 -0.045 0.964

L6.Temp. prom aire 0.000442 0.000247 1.789 0.074

L7.Conduct 0.584450 0.343238 1.703 0.089

L7.Water 0.021562 1.142749 0.019 0.985

L7.Temp -1.598445 0.661937 -2.415 0.016

L7.Precip. horaria 0.003812 0.001989 1.917 0.055

L7.Temp. prom aire -0.000334 0.000247 -1.355 0.176

L8.Conduct -0.168209 0.334186 -0.503 0.615

L8.Water 3.666177 1.251153 2.930 0.003

L8.Temp 0.146640 0.706316 0.208 0.836

L8.Precip. horaria -0.006109 0.002003 -3.050 0.002

L8.Temp. prom aire -0.000041 0.000249 -0.164 0.870

L9.Conduct -0.311592 0.322180 -0.967 0.333

L9.Water -6.637876 1.365118 -4.862 0.000

L9.Temp 1.708610 0.767479 2.226 0.026

L9.Precip. horaria 0.001315 0.002044 0.643 0.520

L9.Temp. prom aire -0.000360 0.000245 -1.472 0.141

L10.Conduct 0.771791 0.329369 2.343 0.019

L10.Water 7.159081 1.473250 4.859 0.000

L10.Temp -3.417038 0.841340 -4.061 0.000

L10.Precip. horaria 0.002223 0.002075 1.071 0.284

L10.Temp. prom aire 0.000311 0.000247 1.260 0.208

L11.Conduct -0.995630 0.348742 -2.855 0.004

L11.Water -6.248940 1.544681 -4.045 0.000

L11.Temp 4.068146 0.896354 4.539 0.000

L11.Precip. horaria -0.003750 0.002069 -1.812 0.070

L11.Temp. prom aire 0.000226 0.000244 0.924 0.355

L12.Conduct 0.872306 0.362100 2.409 0.016

L12.Water 5.329037 1.570893 3.392 0.001

L12.Temp -3.420986 0.919346 -3.721 0.000

L12.Precip. horaria -0.000862 0.002059 -0.419 0.676

L12.Temp. prom aire -0.000239 0.000247 -0.970 0.332

L13.Conduct -0.579754 0.359515 -1.613 0.107

L13.Water -4.792069 1.579680 -3.034 0.002

L13.Temp 2.144378 0.913715 2.347 0.019

L13.Precip. horaria 0.005400 0.002049 2.636 0.008

L13.Temp. prom aire 0.000064 0.000246 0.261 0.794

L14.Conduct 0.449046 0.330322 1.359 0.174

L14.Water 3.839800 1.563745 2.456 0.014

L14.Temp -1.069292 0.881450 -1.213 0.225

L14.Precip. horaria 0.001056 0.002083 0.507 0.612

L14.Temp. prom aire 0.000256 0.000244 1.046 0.295

L15.Conduct -0.475288 0.261478 -1.818 0.069

L15.Water -1.549345 1.467844 -1.056 0.291

L15.Temp 0.365308 0.815736 0.448 0.654

L15.Precip. horaria 0.000237 0.002075 0.114 0.909

L15.Temp. prom aire -0.000209 0.000247 -0.847 0.397

L16.Conduct 0.400233 0.164761 2.429 0.015

L16.Water -1.081768 1.306551 -0.828 0.408

L16.Temp 0.337488 0.734967 0.459 0.646

L16.Precip. horaria -0.002460 0.002057 -1.196 0.232

L16.Temp. prom aire 0.000210 0.000246 0.855 0.392

L17.Conduct -0.245420 0.086589 -2.834 0.005

L17.Water 2.549365 1.186311 2.149 0.032

L17.Temp -1.028329 0.700661 -1.468 0.142

L17.Precip. horaria 0.003725 0.002060 1.808 0.071

L17.Temp. prom aire -0.000527 0.000247 -2.134 0.033

L18.Conduct 0.207896 0.063478 3.275 0.001

L18.Water -3.124921 1.134228 -2.755 0.006

L18.Temp 1.197665 0.702996 1.704 0.088

L18.Precip. horaria 0.001665 0.002070 0.804 0.421

L18.Temp. prom aire 0.000190 0.000249 0.765 0.444

L19.Conduct -0.248051 0.062802 -3.950 0.000

L19.Water 3.865851 1.096978 3.524 0.000

L19.Temp -0.747585 0.696661 -1.073 0.283

L19.Precip. horaria -0.001701 0.002051 -0.830 0.407

L19.Temp. prom aire -0.000065 0.000250 -0.261 0.794

L20.Conduct 0.152369 0.061225 2.489 0.013

L20.Water -4.746568 1.016268 -4.671 0.000

L20.Temp 0.269394 0.663718 0.406 0.685

L20.Precip. horaria -0.000012 0.002092 -0.006 0.996

L20.Temp. prom aire -0.000037 0.000249 -0.149 0.882

L21.Conduct 0.071141 0.056760 1.253 0.210

L21.Water 4.578389 0.839623 5.453 0.000

L21.Temp -0.187399 0.579854 -0.323 0.747

L21.Precip. horaria 0.001002 0.002081 0.482 0.630

L21.Temp. prom aire -0.000066 0.000255 -0.260 0.795

L22.Conduct -0.179558 0.052252 -3.436 0.001

L22.Water -2.932531 0.555723 -5.277 0.000

L22.Temp 0.257174 0.418251 0.615 0.539

L22.Precip. horaria 0.003205 0.002055 1.560 0.119

L22.Temp. prom aire 0.000646 0.000259 2.491 0.013

L23.Conduct 0.111049 0.034613 3.208 0.001

L23.Water 1.087410 0.248058 4.384 0.000

L23.Temp -0.178264 0.206015 -0.865 0.387

L23.Precip. horaria -0.002045 0.001991 -1.027 0.304

L23.Temp. prom aire -0.000631 0.000262 -2.409 0.016

L24.Conduct -0.024911 0.009892 -2.518 0.012

L24.Water -0.178012 0.053117 -3.351 0.001

L24.Temp 0.045952 0.048379 0.950 0.342

L24.Precip. horaria 0.003090 0.001964 1.573 0.116

L24.Temp. prom aire 0.000296 0.000250 1.183 0.237

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.012799 0.005783 2.213 0.027

L1.Conduct 0.060336 0.028272 2.134 0.033

L1.Water -0.282036 0.093032 -3.032 0.002

L1.Temp 3.892916 0.056682 68.680 0.000

L1.Precip. horaria -0.000569 0.002460 -0.231 0.817

L1.Temp. prom aire 0.000464 0.000293 1.583 0.113

L2.Conduct -0.265383 0.120517 -2.202 0.028

L2.Water 1.209647 0.403334 2.999 0.003

L2.Temp -6.442865 0.232901 -27.664 0.000

L2.Precip. horaria 0.002134 0.002463 0.867 0.386

L2.Temp. prom aire 0.000415 0.000309 1.344 0.179

L3.Conduct 0.484721 0.245935 1.971 0.049

L3.Water -2.202261 0.826809 -2.664 0.008

L3.Temp 6.129663 0.458346 13.373 0.000

L3.Precip. horaria 0.000738 0.002438 0.303 0.762

L3.Temp. prom aire -0.000570 0.000310 -1.838 0.066

L4.Conduct -0.457750 0.344431 -1.329 0.184

L4.Water 2.079930 1.148931 1.810 0.070

L4.Temp -3.920135 0.630347 -6.219 0.000

L4.Precip. horaria 0.001517 0.002473 0.613 0.540

L4.Temp. prom aire -0.000136 0.000310 -0.440 0.660

L5.Conduct 0.200042 0.399656 0.501 0.617

L5.Water -0.657049 1.307112 -0.503 0.615

L5.Temp 1.880477 0.733181 2.565 0.010

L5.Precip. horaria 0.001229 0.002474 0.497 0.619

L5.Temp. prom aire -0.000368 0.000309 -1.190 0.234

L6.Conduct 0.000348 0.425341 0.001 0.999

L6.Water -0.981006 1.363333 -0.720 0.472

L6.Temp -0.592837 0.789806 -0.751 0.453

L6.Precip. horaria -0.000008 0.002462 -0.003 0.997

L6.Temp. prom aire -0.000091 0.000312 -0.293 0.770

L7.Conduct 0.029452 0.432855 0.068 0.946

L7.Water 1.731357 1.441111 1.201 0.230

L7.Temp -1.144148 0.834763 -1.371 0.170

L7.Precip. horaria 0.004046 0.002508 1.613 0.107

L7.Temp. prom aire 0.000307 0.000311 0.988 0.323

L8.Conduct -0.168584 0.421439 -0.400 0.689

L8.Water -1.570701 1.577818 -0.995 0.319

L8.Temp 4.136321 0.890730 4.644 0.000

L8.Precip. horaria -0.002490 0.002525 -0.986 0.324

L8.Temp. prom aire 0.000064 0.000314 0.204 0.838

L9.Conduct 0.213871 0.406298 0.526 0.599

L9.Water 1.066094 1.721539 0.619 0.536

L9.Temp -6.380879 0.967861 -6.593 0.000

L9.Precip. horaria 0.002436 0.002577 0.945 0.344

L9.Temp. prom aire -0.000212 0.000309 -0.687 0.492

L10.Conduct -0.159449 0.415365 -0.384 0.701

L10.Water -0.292042 1.857903 -0.157 0.875

L10.Temp 6.214445 1.061007 5.857 0.000

L10.Precip. horaria -0.004380 0.002616 -1.674 0.094

L10.Temp. prom aire -0.000014 0.000311 -0.044 0.965

L11.Conduct 0.224959 0.439796 0.512 0.609

L11.Water -1.217541 1.947984 -0.625 0.532

L11.Temp -4.681084 1.130384 -4.141 0.000

L11.Precip. horaria 0.003426 0.002609 1.313 0.189

L11.Temp. prom aire -0.000347 0.000308 -1.127 0.260

L12.Conduct -0.502387 0.456641 -1.100 0.271

L12.Water 3.577274 1.981040 1.806 0.071

L12.Temp 3.320344 1.159379 2.864 0.004

L12.Precip. horaria -0.002047 0.002597 -0.788 0.431

L12.Temp. prom aire -0.000372 0.000311 -1.196 0.232

L13.Conduct 0.699013 0.453381 1.542 0.123

L13.Water -5.738254 1.992122 -2.880 0.004

L13.Temp -2.990655 1.152279 -2.595 0.009

L13.Precip. horaria 0.004560 0.002584 1.765 0.078

L13.Temp. prom aire 0.000254 0.000311 0.819 0.413

L14.Conduct -0.560972 0.416566 -1.347 0.178

L14.Water 6.387940 1.972025 3.239 0.001

L14.Temp 2.929464 1.111590 2.635 0.008

L14.Precip. horaria -0.001430 0.002627 -0.544 0.586

L14.Temp. prom aire 0.000352 0.000308 1.143 0.253

L15.Conduct 0.243426 0.329748 0.738 0.460

L15.Water -5.480247 1.851086 -2.961 0.003

L15.Temp -1.471841 1.028718 -1.431 0.153

L15.Precip. horaria 0.006913 0.002616 2.642 0.008

L15.Temp. prom aire -0.000376 0.000312 -1.207 0.228

L16.Conduct -0.036217 0.207779 -0.174 0.862

L16.Water 4.063030 1.647681 2.466 0.014

L16.Temp -0.699915 0.926861 -0.755 0.450

L16.Precip. horaria -0.002805 0.002594 -1.081 0.280

L16.Temp. prom aire -0.000372 0.000310 -1.201 0.230

L17.Conduct 0.023508 0.109197 0.215 0.830

L17.Water -3.150723 1.496047 -2.106 0.035

L17.Temp 1.703512 0.883598 1.928 0.054

L17.Precip. horaria 0.005311 0.002598 2.044 0.041

L17.Temp. prom aire -0.000558 0.000311 -1.793 0.073

L18.Conduct -0.044578 0.080051 -0.557 0.578

L18.Water 2.715710 1.430366 1.899 0.058

L18.Temp -1.590140 0.886543 -1.794 0.073

L18.Precip. horaria -0.000464 0.002610 -0.178 0.859

L18.Temp. prom aire 0.000015 0.000314 0.048 0.962

L19.Conduct -0.045317 0.079199 -0.572 0.567

L19.Water -1.964705 1.383389 -1.420 0.156

L19.Temp 1.715471 0.878554 1.953 0.051

L19.Precip. horaria 0.001249 0.002586 0.483 0.629

L19.Temp. prom aire 0.000022 0.000315 0.071 0.943

L20.Conduct 0.155781 0.077211 2.018 0.044

L20.Water 0.854538 1.281607 0.667 0.505

L20.Temp -2.593367 0.837010 -3.098 0.002

L20.Precip. horaria -0.006164 0.002639 -2.336 0.019

L20.Temp. prom aire 0.001035 0.000313 3.302 0.001

L21.Conduct -0.161332 0.071580 -2.254 0.024

L21.Water -0.075951 1.058842 -0.072 0.943

L21.Temp 3.091533 0.731249 4.228 0.000

L21.Precip. horaria 0.002203 0.002624 0.839 0.401

L21.Temp. prom aire -0.000708 0.000321 -2.204 0.028

L22.Conduct 0.095164 0.065895 1.444 0.149

L22.Water -0.136230 0.700818 -0.194 0.846

L22.Temp -2.258864 0.527453 -4.283 0.000

L22.Precip. horaria -0.002080 0.002592 -0.802 0.422

L22.Temp. prom aire -0.000165 0.000327 -0.506 0.613

L23.Conduct -0.033558 0.043651 -0.769 0.442

L23.Water 0.076096 0.312825 0.243 0.808

L23.Temp 0.923286 0.259804 3.554 0.000

L23.Precip. horaria 0.000788 0.002510 0.314 0.753

L23.Temp. prom aire -0.000371 0.000330 -1.122 0.262

L24.Conduct 0.005032 0.012475 0.403 0.687

L24.Water -0.013243 0.066985 -0.198 0.843

L24.Temp -0.170214 0.061010 -2.790 0.005

L24.Precip. horaria 0.000657 0.002477 0.265 0.791

L24.Temp. prom aire 0.000249 0.000316 0.787 0.431

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.165283 0.128025 -1.291 0.197

L1.Conduct -0.013621 0.625836 -0.022 0.983

L1.Water -7.077514 2.059389 -3.437 0.001

L1.Temp 1.206191 1.254744 0.961 0.336

L1.Precip. horaria 0.191331 0.054448 3.514 0.000

L1.Temp. prom aire 0.000174 0.006488 0.027 0.979

L2.Conduct -0.326536 2.667807 -0.122 0.903

L2.Water 33.620683 8.928384 3.766 0.000

L2.Temp -8.877604 5.155595 -1.722 0.085

L2.Precip. horaria -0.050595 0.054518 -0.928 0.353

L2.Temp. prom aire 0.003639 0.006837 0.532 0.595

L3.Conduct 1.203873 5.444133 0.221 0.825

L3.Water -76.116008 18.302599 -4.159 0.000

L3.Temp 25.368560 10.146132 2.500 0.012

L3.Precip. horaria 0.227801 0.053963 4.221 0.000

L3.Temp. prom aire -0.008038 0.006863 -1.171 0.242

L4.Conduct 0.055498 7.624465 0.007 0.994

L4.Water 107.462758 25.433234 4.225 0.000

L4.Temp -39.831440 13.953632 -2.855 0.004

L4.Precip. horaria -0.160453 0.054753 -2.930 0.003

L4.Temp. prom aire -0.003195 0.006872 -0.465 0.642

L5.Conduct -6.298266 8.846950 -0.712 0.477

L5.Water -92.575638 28.934787 -3.199 0.001

L5.Temp 39.569870 16.229997 2.438 0.015

L5.Precip. horaria 0.120622 0.054760 2.203 0.028

L5.Temp. prom aire -0.000998 0.006843 -0.146 0.884

L6.Conduct 14.261573 9.415537 1.515 0.130

L6.Water 31.068009 30.179332 1.029 0.303

L6.Temp -24.165139 17.483491 -1.382 0.167

L6.Precip. horaria -0.201334 0.054494 -3.695 0.000

L6.Temp. prom aire -0.002802 0.006902 -0.406 0.685

L7.Conduct -17.706417 9.581856 -1.848 0.065

L7.Water 25.386656 31.901053 0.796 0.426

L7.Temp -1.102288 18.478679 -0.060 0.952

L7.Precip. horaria 0.095781 0.055514 1.725 0.084

L7.Temp. prom aire 0.007294 0.006887 1.059 0.290

L8.Conduct 14.188024 9.329161 1.521 0.128

L8.Water -39.573313 34.927255 -1.133 0.257

L8.Temp 31.799833 19.717577 1.613 0.107

L8.Precip. horaria -0.066604 0.055904 -1.191 0.233

L8.Temp. prom aire -0.000617 0.006948 -0.089 0.929

L9.Conduct -6.915014 8.993992 -0.769 0.442

L9.Water 28.186555 38.108725 0.740 0.460

L9.Temp -61.608367 21.424995 -2.876 0.004

L9.Precip. horaria 0.185758 0.057049 3.256 0.001

L9.Temp. prom aire 0.010827 0.006835 1.584 0.113

L10.Conduct 0.481492 9.194689 0.052 0.958

L10.Water -11.805068 41.127337 -0.287 0.774

L10.Temp 82.155776 23.486894 3.498 0.000

L10.Precip. horaria -0.117473 0.057913 -2.028 0.043

L10.Temp. prom aire -0.002468 0.006889 -0.358 0.720

L11.Conduct 4.866403 9.735518 0.500 0.617

L11.Water -13.666400 43.121404 -0.317 0.751

L11.Temp -86.152183 25.022672 -3.443 0.001

L11.Precip. horaria -0.004872 0.057764 -0.084 0.933

L11.Temp. prom aire -0.010048 0.006823 -1.473 0.141

L12.Conduct -9.740999 10.108398 -0.964 0.335

L12.Water 50.244170 43.853153 1.146 0.252

L12.Temp 72.969433 25.664517 2.843 0.004

L12.Precip. horaria -0.171198 0.057479 -2.978 0.003

L12.Temp. prom aire 0.002982 0.006886 0.433 0.665

L13.Conduct 12.068178 10.036245 1.202 0.229

L13.Water -79.177156 44.098460 -1.795 0.073

L13.Temp -48.808196 25.507330 -1.913 0.056

L13.Precip. horaria 0.134705 0.057195 2.355 0.019

L13.Temp. prom aire -0.001213 0.006879 -0.176 0.860

L14.Conduct -10.573521 9.221279 -1.147 0.252

L14.Water 77.904479 43.653597 1.785 0.074

L14.Temp 18.083424 24.606626 0.735 0.462

L14.Precip. horaria -0.003839 0.058149 -0.066 0.947

L14.Temp. prom aire 0.009198 0.006823 1.348 0.178

L15.Conduct 5.939205 7.299439 0.814 0.416

L15.Water -46.281437 40.976433 -1.129 0.259

L15.Temp 14.264529 22.772131 0.626 0.531

L15.Precip. horaria 0.012821 0.057919 0.221 0.825

L15.Temp. prom aire -0.000040 0.006902 -0.006 0.995

L16.Conduct -0.843716 4.599483 -0.183 0.854

L16.Water 1.891709 36.473764 0.052 0.959

L16.Temp -37.883874 20.517384 -1.846 0.065

L16.Precip. horaria -0.080840 0.057418 -1.408 0.159

L16.Temp. prom aire -0.001853 0.006866 -0.270 0.787

L17.Conduct -2.042624 2.417236 -0.845 0.398

L17.Water 39.306774 33.117127 1.187 0.235

L17.Temp 47.073974 19.559711 2.407 0.016

L17.Precip. horaria -0.005763 0.057509 -0.100 0.920

L17.Temp. prom aire 0.007898 0.006892 1.146 0.252

L18.Conduct 3.192522 1.772045 1.802 0.072

L18.Water -66.151414 31.663182 -2.089 0.037

L18.Temp -44.652319 19.624891 -2.275 0.023

L18.Precip. horaria 0.010663 0.057785 0.185 0.854

L18.Temp. prom aire 0.004820 0.006945 0.694 0.488

L19.Conduct -3.645520 1.753178 -2.079 0.038

L19.Water 75.059113 30.623299 2.451 0.014

L19.Temp 34.774051 19.448038 1.788 0.074

L19.Precip. horaria 0.086264 0.057251 1.507 0.132

L19.Temp. prom aire 0.000334 0.006970 0.048 0.962

L20.Conduct 4.064343 1.709169 2.378 0.017

L20.Water -71.568359 28.370208 -2.523 0.012

L20.Temp -21.236377 18.528400 -1.146 0.252

L20.Precip. horaria 0.001771 0.058407 0.030 0.976

L20.Temp. prom aire 0.008627 0.006939 1.243 0.214

L21.Conduct -4.770922 1.584523 -3.011 0.003

L21.Water 59.392771 23.438978 2.534 0.011

L21.Temp 8.321807 16.187246 0.514 0.607

L21.Precip. horaria -0.030661 0.058085 -0.528 0.598

L21.Temp. prom aire 0.023081 0.007111 3.246 0.001

L22.Conduct 3.997094 1.458678 2.740 0.006

L22.Water -38.850233 15.513598 -2.504 0.012

L22.Temp -0.322456 11.675934 -0.028 0.978

L22.Precip. horaria -0.055937 0.057372 -0.975 0.330

L22.Temp. prom aire -0.012999 0.007236 -1.796 0.072

L23.Conduct -1.677211 0.966273 -1.736 0.083

L23.Water 16.722843 6.924817 2.415 0.016

L23.Temp -1.561390 5.751136 -0.271 0.786

L23.Precip. horaria -0.018753 0.055567 -0.337 0.736

L23.Temp. prom aire 0.006463 0.007312 0.884 0.377

L24.Conduct 0.232421 0.276151 0.842 0.400

L24.Water -3.394566 1.482808 -2.289 0.022

L24.Temp 0.593137 1.350550 0.439 0.661

L24.Precip. horaria -0.076594 0.054829 -1.397 0.162

L24.Temp. prom aire 0.000816 0.006987 0.117 0.907

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 1.144813 1.067082 1.073 0.283

L1.Conduct 0.576849 5.216328 0.111 0.912

L1.Water -20.004987 17.164964 -1.165 0.244

L1.Temp 3.397213 10.458262 0.325 0.745

L1.Precip. horaria -0.044289 0.453822 -0.098 0.922

L1.Temp. prom aire 0.354364 0.054074 6.553 0.000

L2.Conduct -0.272797 22.236117 -0.012 0.990

L2.Water 79.662687 74.417896 1.070 0.284

L2.Temp -21.722391 42.971774 -0.506 0.613

L2.Precip. horaria -0.408683 0.454405 -0.899 0.368

L2.Temp. prom aire 0.090131 0.056987 1.582 0.114

L3.Conduct 0.861756 45.376734 0.019 0.985

L3.Water -162.747206 152.551781 -1.067 0.286

L3.Temp 74.430341 84.567804 0.880 0.379

L3.Precip. horaria -0.041745 0.449784 -0.093 0.926

L3.Temp. prom aire 0.068586 0.057202 1.199 0.231

L4.Conduct -7.875599 63.549761 -0.124 0.901

L4.Water 257.817866 211.985475 1.216 0.224

L4.Temp -124.381404 116.303236 -1.069 0.285

L4.Precip. horaria 0.054333 0.456366 0.119 0.905

L4.Temp. prom aire 0.000056 0.057281 0.001 0.999

L5.Conduct 22.184843 73.739148 0.301 0.764

L5.Water -352.922620 241.170846 -1.463 0.143

L5.Temp 149.381282 135.276692 1.104 0.269

L5.Precip. horaria -0.453835 0.456421 -0.994 0.320

L5.Temp. prom aire -0.054415 0.057039 -0.954 0.340

L6.Conduct -46.147771 78.478307 -0.588 0.557

L6.Water 411.880372 251.544108 1.637 0.102

L6.Temp -229.199005 145.724536 -1.573 0.116

L6.Precip. horaria 0.077689 0.454205 0.171 0.864

L6.Temp. prom aire -0.047215 0.057529 -0.821 0.412

L7.Conduct 77.565981 79.864572 0.971 0.331

L7.Water -411.134613 265.894612 -1.546 0.122

L7.Temp 341.708019 154.019408 2.219 0.027

L7.Precip. horaria -0.358729 0.462707 -0.775 0.438

L7.Temp. prom aire 0.149066 0.057406 2.597 0.009

L8.Conduct -97.200951 77.758367 -1.250 0.211

L8.Water 313.012751 291.117948 1.075 0.282

L8.Temp -353.015300 164.345596 -2.148 0.032

L8.Precip. horaria -0.032978 0.465962 -0.071 0.944

L8.Temp. prom aire 0.001201 0.057914 0.021 0.983

L9.Conduct 83.900981 74.964740 1.119 0.263

L9.Water -62.444500 317.635435 -0.197 0.844

L9.Temp 261.123388 178.576888 1.462 0.144

L9.Precip. horaria 0.099442 0.475502 0.209 0.834

L9.Temp. prom aire -0.066387 0.056967 -1.165 0.244

L10.Conduct -41.276221 76.637544 -0.539 0.590

L10.Water -288.953697 342.795504 -0.843 0.399

L10.Temp -143.231809 195.762775 -0.732 0.464

L10.Precip. horaria 0.521543 0.482708 1.080 0.280

L10.Temp. prom aire -0.049861 0.057422 -0.868 0.385

L11.Conduct -0.844993 81.145337 -0.010 0.992

L11.Water 572.429446 359.416008 1.593 0.111

L11.Temp 5.508965 208.563452 0.026 0.979

L11.Precip. horaria 0.751806 0.481462 1.562 0.118

L11.Temp. prom aire -0.054462 0.056871 -0.958 0.338

L12.Conduct 24.225094 84.253288 0.288 0.774

L12.Water -675.567373 365.515117 -1.848 0.065

L12.Temp 157.451523 213.913219 0.736 0.462

L12.Precip. horaria -0.263597 0.479087 -0.550 0.582

L12.Temp. prom aire 0.001728 0.057395 0.030 0.976

L13.Conduct -32.055593 83.651894 -0.383 0.702

L13.Water 593.461028 367.559745 1.615 0.106

L13.Temp -283.870343 212.603062 -1.335 0.182

L13.Precip. horaria -0.333016 0.476722 -0.699 0.485

L13.Temp. prom aire 0.038072 0.057335 0.664 0.507

L14.Conduct 20.098717 76.859172 0.262 0.794

L14.Water -337.597141 363.851828 -0.928 0.353

L14.Temp 305.240209 205.095716 1.488 0.137

L14.Precip. horaria -0.552697 0.484673 -1.140 0.254

L14.Temp. prom aire 0.123405 0.056870 2.170 0.030

L15.Conduct 4.557163 60.840675 0.075 0.940

L15.Water -30.213014 341.537719 -0.088 0.930

L15.Temp -264.423176 189.805242 -1.393 0.164

L15.Precip. horaria 0.233709 0.482752 0.484 0.628

L15.Temp. prom aire -0.032563 0.057525 -0.566 0.571

L16.Conduct -12.522105 38.336596 -0.327 0.744

L16.Water 339.510588 304.008064 1.117 0.264

L16.Temp 230.157919 171.011971 1.346 0.178

L16.Precip. horaria -0.660149 0.478578 -1.379 0.168

L16.Temp. prom aire -0.078653 0.057231 -1.374 0.169

L17.Conduct 5.401897 20.147610 0.268 0.789

L17.Water -466.021689 276.030567 -1.688 0.091

L17.Temp -167.046359 163.029788 -1.025 0.306

L17.Precip. horaria 1.249397 0.479340 2.606 0.009

L17.Temp. prom aire 0.087883 0.057441 1.530 0.126

L18.Conduct -12.471471 14.769956 -0.844 0.398

L18.Water 486.188448 263.911968 1.842 0.065

L18.Temp 58.115858 163.573063 0.355 0.722

L18.Precip. horaria 0.512708 0.481638 1.065 0.287

L18.Temp. prom aire 0.014845 0.057884 0.256 0.798

L19.Conduct 26.186204 14.612703 1.792 0.073

L19.Water -503.477622 255.244562 -1.973 0.049

L19.Temp 22.447752 162.098994 0.138 0.890

L19.Precip. horaria -0.256219 0.477186 -0.537 0.591

L19.Temp. prom aire 0.006477 0.058098 0.111 0.911

L20.Conduct -15.366267 14.245891 -1.079 0.281

L20.Water 463.241999 236.465096 1.959 0.050

L20.Temp -39.711266 154.433828 -0.257 0.797

L20.Precip. horaria -0.075327 0.486824 -0.155 0.877

L20.Temp. prom aire -0.073535 0.057836 -1.271 0.204

L21.Conduct -11.185276 13.206967 -0.847 0.397

L21.Water -320.206402 195.363393 -1.639 0.101

L21.Temp 37.555026 134.920358 0.278 0.781

L21.Precip. horaria 0.157400 0.484137 0.325 0.745

L21.Temp. prom aire 0.073075 0.059268 1.233 0.218

L22.Conduct 19.439291 12.158055 1.599 0.110

L22.Water 157.991854 129.305515 1.222 0.222

L22.Temp -40.982232 97.318666 -0.421 0.674

L22.Precip. horaria -0.081337 0.478198 -0.170 0.865

L22.Temp. prom aire 0.042088 0.060315 0.698 0.485

L23.Conduct -8.872478 8.053862 -1.102 0.271

L23.Water -53.971954 57.718206 -0.935 0.350

L23.Temp 30.189684 47.935603 0.630 0.529

L23.Precip. horaria 0.908713 0.463151 1.962 0.050

L23.Temp. prom aire 0.050494 0.060946 0.828 0.407

L24.Conduct 1.109788 2.301714 0.482 0.630

L24.Water 10.066526 12.359176 0.814 0.415

L24.Temp -8.885144 11.256808 -0.789 0.430

L24.Precip. horaria -0.464692 0.456999 -1.017 0.309

L24.Temp. prom aire -0.092162 0.058238 -1.583 0.114

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.640015 0.128184 -0.039077 -0.003864

Water 0.640015 1.000000 0.327480 -0.162231 0.008967

Temp 0.128184 0.327480 1.000000 -0.087132 -0.084437

Precip. horaria -0.039077 -0.162231 -0.087132 1.000000 0.098176

Temp. prom aire -0.003864 0.008967 -0.084437 0.098176 1.000000

* Lag 48:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -18.7255

Nobs: 440.000 HQIC: -25.5023

Log likelihood: 4665.22 FPE: 1.99367e-13

AIC: -29.9176 Det(Omega\_mle): 2.24481e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.050231 0.058387 0.860 0.390

L1.Conduct 4.417683 0.130146 33.944 0.000

L1.Water -0.193447 0.377940 -0.512 0.609

L1.Temp -0.507973 0.207561 -2.447 0.014

L1.Precip. horaria -0.002256 0.006534 -0.345 0.730

L1.Temp. prom aire -0.000482 0.000755 -0.638 0.523

L2.Conduct -8.371001 0.601621 -13.914 0.000

L2.Water 0.300441 1.657848 0.181 0.856

L2.Temp 2.589825 0.926890 2.794 0.005

L2.Precip. horaria 0.002572 0.006579 0.391 0.696

L2.Temp. prom aire 0.000796 0.000820 0.971 0.332

L3.Conduct 9.120753 1.314835 6.937 0.000

L3.Water 0.812984 3.402148 0.239 0.811

L3.Temp -6.101976 2.000234 -3.051 0.002

L3.Precip. horaria -0.001696 0.006657 -0.255 0.799

L3.Temp. prom aire -0.001854 0.000811 -2.285 0.022

L4.Conduct -6.460992 1.914229 -3.375 0.001

L4.Water -3.351872 4.626767 -0.724 0.469

L4.Temp 8.900685 2.918948 3.049 0.002

L4.Precip. horaria -0.014219 0.006818 -2.085 0.037

L4.Temp. prom aire 0.001292 0.000834 1.549 0.121

L5.Conduct 2.834518 2.253610 1.258 0.208

L5.Water 6.590291 5.161913 1.277 0.202

L5.Temp -8.841479 3.418132 -2.587 0.010

L5.Precip. horaria 0.009710 0.006872 1.413 0.158

L5.Temp. prom aire -0.000636 0.000844 -0.754 0.451

L6.Conduct 0.147627 2.496483 0.059 0.953

L6.Water -9.484311 5.535249 -1.713 0.087

L6.Temp 5.654193 3.601248 1.570 0.116

L6.Precip. horaria -0.005211 0.006806 -0.766 0.444

L6.Temp. prom aire 0.001026 0.000823 1.248 0.212

L7.Conduct -2.915534 2.868666 -1.016 0.309

L7.Water 9.369636 6.197273 1.512 0.131

L7.Temp -0.479273 3.651635 -0.131 0.896

L7.Precip. horaria 0.008092 0.006867 1.178 0.239

L7.Temp. prom aire -0.001638 0.000826 -1.982 0.047

L8.Conduct 6.219547 3.424460 1.816 0.069

L8.Water -4.072108 7.350696 -0.554 0.580

L8.Temp -5.863115 3.717734 -1.577 0.115

L8.Precip. horaria -0.007790 0.007036 -1.107 0.268

L8.Temp. prom aire -0.000146 0.000819 -0.178 0.859

L9.Conduct -7.911647 4.051254 -1.953 0.051

L9.Water -4.971080 8.854860 -0.561 0.575

L9.Temp 12.897352 4.064244 3.173 0.002

L9.Precip. horaria 0.017081 0.006927 2.466 0.014

L9.Temp. prom aire -0.000021 0.000821 -0.025 0.980

L10.Conduct 6.288862 4.577564 1.374 0.169

L10.Water 13.244477 10.203915 1.298 0.194

L10.Temp -19.029295 4.878772 -3.900 0.000

L10.Precip. horaria 0.001440 0.007108 0.203 0.839

L10.Temp. prom aire 0.000103 0.000825 0.125 0.900

L11.Conduct -3.358377 4.845663 -0.693 0.488

L11.Water -16.621123 10.845590 -1.533 0.125

L11.Temp 21.985481 5.755962 3.820 0.000

L11.Precip. horaria 0.006703 0.007252 0.924 0.355

L11.Temp. prom aire -0.000223 0.000823 -0.271 0.786

L12.Conduct 1.111140 4.893839 0.227 0.820

L12.Water 16.105124 10.983526 1.466 0.143

L12.Temp -20.496325 6.250042 -3.279 0.001

L12.Precip. horaria -0.010817 0.007154 -1.512 0.131

L12.Temp. prom aire 0.000735 0.000828 0.888 0.374

L13.Conduct -0.441735 4.949045 -0.089 0.929

L13.Water -14.942314 11.226389 -1.331 0.183

L13.Temp 15.095198 6.429953 2.348 0.019

L13.Precip. horaria 0.000686 0.006993 0.098 0.922

L13.Temp. prom aire 0.000531 0.000835 0.637 0.524

L14.Conduct 0.369600 5.189938 0.071 0.943

L14.Water 12.315689 11.861067 1.038 0.299

L14.Temp -7.483737 6.548238 -1.143 0.253

L14.Precip. horaria 0.007315 0.006920 1.057 0.290

L14.Temp. prom aire 0.000415 0.000822 0.505 0.614

L15.Conduct 1.632841 5.595851 0.292 0.770

L15.Water -6.130538 12.864490 -0.477 0.634

L15.Temp -1.068229 6.621671 -0.161 0.872

L15.Precip. horaria 0.007510 0.006843 1.097 0.272

L15.Temp. prom aire 0.000225 0.000823 0.274 0.784

L16.Conduct -4.140127 5.968931 -0.694 0.488

L16.Water -2.828948 13.803745 -0.205 0.838

L16.Temp 9.841611 6.578496 1.496 0.135

L16.Precip. horaria 0.003033 0.006713 0.452 0.651

L16.Temp. prom aire -0.000022 0.000801 -0.027 0.978

L17.Conduct 4.335206 6.137963 0.706 0.480

L17.Water 10.528418 14.216674 0.741 0.459

L17.Temp -17.851331 6.665927 -2.678 0.007

L17.Precip. horaria -0.011358 0.006585 -1.725 0.085

L17.Temp. prom aire 0.001182 0.000799 1.479 0.139

L18.Conduct -3.122273 6.122961 -0.510 0.610

L18.Water -12.674277 14.120673 -0.898 0.369

L18.Temp 23.721052 7.136582 3.324 0.001

L18.Precip. horaria 0.006192 0.006602 0.938 0.348

L18.Temp. prom aire -0.000775 0.000807 -0.959 0.337

L19.Conduct 2.394536 6.024330 0.397 0.691

L19.Water 10.894341 13.915796 0.783 0.434

L19.Temp -26.148894 7.640847 -3.422 0.001

L19.Precip. horaria -0.007913 0.006681 -1.184 0.236

L19.Temp. prom aire -0.000299 0.000815 -0.367 0.713

L20.Conduct -3.271720 5.900055 -0.555 0.579

L20.Water -9.477157 13.807364 -0.686 0.492

L20.Temp 25.103501 7.917160 3.171 0.002

L20.Precip. horaria 0.001404 0.006623 0.212 0.832

L20.Temp. prom aire 0.000768 0.000809 0.949 0.342

L21.Conduct 4.533851 5.829704 0.778 0.437

L21.Water 7.839252 13.827423 0.567 0.571

L21.Temp -21.645528 8.105511 -2.670 0.008

L21.Precip. horaria 0.003885 0.006541 0.594 0.553

L21.Temp. prom aire -0.000571 0.000798 -0.716 0.474

L22.Conduct -3.326484 5.929751 -0.561 0.575

L22.Water -3.913145 14.215594 -0.275 0.783

L22.Temp 15.798509 8.218806 1.922 0.055

L22.Precip. horaria 0.011102 0.006620 1.677 0.094

L22.Temp. prom aire 0.001777 0.000804 2.210 0.027

L23.Conduct 0.099342 6.115443 0.016 0.987

L23.Water -0.923243 14.718517 -0.063 0.950

L23.Temp -6.630185 8.046359 -0.824 0.410

L23.Precip. horaria 0.001936 0.006594 0.294 0.769

L23.Temp. prom aire -0.001546 0.000824 -1.876 0.061

L24.Conduct 2.738463 6.135272 0.446 0.655

L24.Water 3.472560 14.685962 0.236 0.813

L24.Temp -4.993620 7.691469 -0.649 0.516

L24.Precip. horaria 0.001442 0.006437 0.224 0.823

L24.Temp. prom aire 0.001037 0.000827 1.254 0.210

L25.Conduct -3.693029 5.954887 -0.620 0.535

L25.Water -2.989678 14.113889 -0.212 0.832

L25.Temp 15.590156 7.680634 2.030 0.042

L25.Precip. horaria -0.003340 0.006376 -0.524 0.600

L25.Temp. prom aire 0.000146 0.000853 0.171 0.864

L26.Conduct 2.598968 5.781984 0.449 0.653

L26.Water 2.624791 13.693138 0.192 0.848

L26.Temp -22.232781 7.992206 -2.782 0.005

L26.Precip. horaria -0.003491 0.006224 -0.561 0.575

L26.Temp. prom aire -0.000076 0.000882 -0.087 0.931

L27.Conduct -2.140387 5.736628 -0.373 0.709

L27.Water -3.735614 13.650069 -0.274 0.784

L27.Temp 25.262386 8.100746 3.119 0.002

L27.Precip. horaria 0.000251 0.006234 0.040 0.968

L27.Temp. prom aire -0.001337 0.000886 -1.509 0.131

L28.Conduct 3.811685 5.799315 0.657 0.511

L28.Water 3.253561 13.767612 0.236 0.813

L28.Temp -25.932117 7.987297 -3.247 0.001

L28.Precip. horaria -0.004997 0.006198 -0.806 0.420

L28.Temp. prom aire 0.001895 0.000871 2.175 0.030

L29.Conduct -4.760397 5.923112 -0.804 0.422

L29.Water 0.043717 14.003925 0.003 0.998

L29.Temp 23.617688 7.866352 3.002 0.003

L29.Precip. horaria 0.010187 0.006262 1.627 0.104

L29.Temp. prom aire -0.002207 0.000865 -2.552 0.011

L30.Conduct 3.058619 5.973657 0.512 0.609

L30.Water -3.396218 14.125970 -0.240 0.810

L30.Temp -17.551178 7.611909 -2.306 0.021

L30.Precip. horaria 0.001730 0.006257 0.276 0.782

L30.Temp. prom aire 0.000574 0.000875 0.655 0.512

L31.Conduct -0.432503 5.728461 -0.076 0.940

L31.Water 4.617461 13.539897 0.341 0.733

L31.Temp 9.180587 7.064268 1.300 0.194

L31.Precip. horaria 0.010161 0.006293 1.615 0.106

L31.Temp. prom aire -0.001604 0.000891 -1.800 0.072

L32.Conduct -0.536195 5.126940 -0.105 0.917

L32.Water -4.349578 12.056631 -0.361 0.718

L32.Temp -1.273892 6.552283 -0.194 0.846

L32.Precip. horaria -0.008045 0.006192 -1.299 0.194

L32.Temp. prom aire 0.000535 0.000894 0.599 0.549

L33.Conduct -0.104343 4.408722 -0.024 0.981

L33.Water 4.191856 10.426834 0.402 0.688

L33.Temp -4.710086 6.423209 -0.733 0.463

L33.Precip. horaria -0.001623 0.006186 -0.262 0.793

L33.Temp. prom aire 0.001165 0.000901 1.292 0.196

L34.Conduct -0.428314 3.937277 -0.109 0.913

L34.Water -4.130183 9.552448 -0.432 0.665

L34.Temp 9.272986 6.413547 1.446 0.148

L34.Precip. horaria -0.011080 0.006337 -1.749 0.080

L34.Temp. prom aire 0.000303 0.000891 0.340 0.734

L35.Conduct 2.705877 3.810404 0.710 0.478

L35.Water 2.985181 9.420642 0.317 0.751

L35.Temp -13.007953 6.355593 -2.047 0.041

L35.Precip. horaria 0.002154 0.006473 0.333 0.739

L35.Temp. prom aire -0.000792 0.000896 -0.883 0.377

L36.Conduct -3.926803 3.793375 -1.035 0.301

L36.Water -1.109559 9.447383 -0.117 0.907

L36.Temp 15.620826 6.300357 2.479 0.013

L36.Precip. horaria -0.006569 0.006385 -1.029 0.304

L36.Temp. prom aire 0.000765 0.000900 0.850 0.395

L37.Conduct 2.544843 3.671193 0.693 0.488

L37.Water 0.286342 9.240082 0.031 0.975

L37.Temp -16.121927 6.128073 -2.631 0.009

L37.Precip. horaria 0.021364 0.006469 3.302 0.001

L37.Temp. prom aire -0.000170 0.000910 -0.187 0.852

L38.Conduct -0.044136 3.259456 -0.014 0.989

L38.Water -0.804794 8.358793 -0.096 0.923

L38.Temp 13.415901 5.604557 2.394 0.017

L38.Precip. horaria -0.017015 0.006859 -2.481 0.013

L38.Temp. prom aire 0.000393 0.000903 0.436 0.663

L39.Conduct -1.233764 2.451300 -0.503 0.615

L39.Water 1.144705 6.510874 0.176 0.860

L39.Temp -7.995747 4.702616 -1.700 0.089

L39.Precip. horaria 0.003711 0.007194 0.516 0.606

L39.Temp. prom aire -0.000269 0.000898 -0.299 0.765

L40.Conduct 0.647651 1.420279 0.456 0.648

L40.Water -0.151414 4.297502 -0.035 0.972

L40.Temp 1.992519 3.881931 0.513 0.608

L40.Precip. horaria 0.007736 0.007013 1.103 0.270

L40.Temp. prom aire -0.000117 0.000868 -0.134 0.893

L41.Conduct 0.327910 0.612655 0.535 0.592

L41.Water -1.872004 2.994168 -0.625 0.532

L41.Temp 2.931859 3.564582 0.822 0.411

L41.Precip. horaria -0.011516 0.007741 -1.488 0.137

L41.Temp. prom aire 0.000198 0.000872 0.227 0.820

L42.Conduct -0.399377 0.382023 -1.045 0.296

L42.Water 3.164485 2.750581 1.150 0.250

L42.Temp -6.380826 3.549038 -1.798 0.072

L42.Precip. horaria 0.006358 0.008690 0.732 0.464

L42.Temp. prom aire 0.000113 0.000865 0.130 0.896

L43.Conduct -0.115627 0.374168 -0.309 0.757

L43.Water -2.320438 2.711236 -0.856 0.392

L43.Temp 8.363835 3.571877 2.342 0.019

L43.Precip. horaria -0.003113 0.008942 -0.348 0.728

L43.Temp. prom aire -0.000129 0.000862 -0.150 0.881

L44.Conduct 0.331999 0.353917 0.938 0.348

L44.Water 0.271083 2.622035 0.103 0.918

L44.Temp -8.470835 3.471619 -2.440 0.015

L44.Precip. horaria -0.007908 0.009046 -0.874 0.382

L44.Temp. prom aire 0.000455 0.000871 0.522 0.601

L45.Conduct -0.068171 0.331823 -0.205 0.837

L45.Water 1.185373 2.326900 0.509 0.610

L45.Temp 6.486482 3.024109 2.145 0.032

L45.Precip. horaria 0.012046 0.009276 1.299 0.194

L45.Temp. prom aire 0.000464 0.000868 0.535 0.593

L46.Conduct -0.166953 0.289751 -0.576 0.564

L46.Water -1.401479 1.671835 -0.838 0.402

L46.Temp -3.557350 2.086218 -1.705 0.088

L46.Precip. horaria -0.000420 0.009667 -0.043 0.965

L46.Temp. prom aire -0.000113 0.000869 -0.131 0.896

L47.Conduct 0.119597 0.178782 0.669 0.504

L47.Water 0.789931 0.803869 0.983 0.326

L47.Temp 1.288348 0.956962 1.346 0.178

L47.Precip. horaria 0.008739 0.009697 0.901 0.367

L47.Temp. prom aire 0.000160 0.000872 0.184 0.854

L48.Conduct -0.022154 0.049420 -0.448 0.654

L48.Water -0.186647 0.182587 -1.022 0.307

L48.Temp -0.237945 0.209555 -1.135 0.256

L48.Precip. horaria 0.005238 0.009415 0.556 0.578

L48.Temp. prom aire 0.000052 0.000796 0.065 0.948

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.027985 0.019608 1.427 0.154

L1.Conduct 0.013798 0.043707 0.316 0.752

L1.Water 4.141544 0.126924 32.630 0.000

L1.Temp 0.009233 0.069705 0.132 0.895

L1.Precip. horaria 0.001759 0.002194 0.802 0.423

L1.Temp. prom aire -0.000318 0.000254 -1.255 0.210

L2.Conduct -0.017400 0.202043 -0.086 0.931

L2.Water -7.385894 0.556756 -13.266 0.000

L2.Temp 0.047099 0.311278 0.151 0.880

L2.Precip. horaria -0.001056 0.002209 -0.478 0.633

L2.Temp. prom aire 0.000090 0.000275 0.329 0.742

L3.Conduct 0.019139 0.441562 0.043 0.965

L3.Water 7.556252 1.142546 6.614 0.000

L3.Temp -0.300224 0.671740 -0.447 0.655

L3.Precip. horaria -0.001781 0.002235 -0.797 0.426

L3.Temp. prom aire -0.000335 0.000272 -1.229 0.219

L4.Conduct -0.137530 0.642857 -0.214 0.831

L4.Water -4.987934 1.553810 -3.210 0.001

L4.Temp 0.612085 0.980272 0.624 0.532

L4.Precip. horaria -0.003424 0.002290 -1.495 0.135

L4.Temp. prom aire 0.000268 0.000280 0.955 0.340

L5.Conduct 0.241259 0.756831 0.319 0.750

L5.Water 2.621638 1.733528 1.512 0.130

L5.Temp -0.634675 1.147914 -0.553 0.580

L5.Precip. horaria 0.003872 0.002308 1.678 0.093

L5.Temp. prom aire -0.000266 0.000284 -0.938 0.348

L6.Conduct -0.029005 0.838395 -0.035 0.972

L6.Water -2.023840 1.858906 -1.089 0.276

L6.Temp 0.181749 1.209409 0.150 0.881

L6.Precip. horaria -0.001547 0.002286 -0.677 0.499

L6.Temp. prom aire 0.000331 0.000276 1.199 0.231

L7.Conduct -0.344819 0.963386 -0.358 0.720

L7.Water 0.740318 2.081234 0.356 0.722

L7.Temp 0.715911 1.226331 0.584 0.559

L7.Precip. horaria 0.000242 0.002306 0.105 0.917

L7.Temp. prom aire -0.000263 0.000278 -0.949 0.343

L8.Conduct 0.407908 1.150038 0.355 0.723

L8.Water 3.958171 2.468589 1.603 0.109

L8.Temp -1.816155 1.248529 -1.455 0.146

L8.Precip. horaria -0.002241 0.002363 -0.948 0.343

L8.Temp. prom aire -0.000071 0.000275 -0.257 0.797

L9.Conduct -0.018316 1.360535 -0.013 0.989

L9.Water -9.199659 2.973733 -3.094 0.002

L9.Temp 2.734206 1.364897 2.003 0.045

L9.Precip. horaria 0.006769 0.002326 2.910 0.004

L9.Temp. prom aire -0.000170 0.000276 -0.615 0.538

L10.Conduct -0.254422 1.537286 -0.166 0.869

L10.Water 10.114489 3.426787 2.952 0.003

L10.Temp -3.153904 1.638441 -1.925 0.054

L10.Precip. horaria 0.001900 0.002387 0.796 0.426

L10.Temp. prom aire 0.000072 0.000277 0.261 0.794

L11.Conduct -0.198152 1.627322 -0.122 0.903

L11.Water -6.434832 3.642281 -1.767 0.077

L11.Temp 2.964936 1.933028 1.534 0.125

L11.Precip. horaria 0.000199 0.002436 0.082 0.935

L11.Temp. prom aire 0.000079 0.000277 0.287 0.774

L12.Conduct 0.802212 1.643501 0.488 0.625

L12.Water 2.775250 3.688604 0.752 0.452

L12.Temp -2.354603 2.098955 -1.122 0.262

L12.Precip. horaria -0.001270 0.002403 -0.528 0.597

L12.Temp. prom aire -0.000034 0.000278 -0.123 0.902

L13.Conduct -0.640574 1.662041 -0.385 0.700

L13.Water -3.245950 3.770165 -0.861 0.389

L13.Temp 1.526255 2.159375 0.707 0.480

L13.Precip. horaria 0.000883 0.002349 0.376 0.707

L13.Temp. prom aire 0.000087 0.000280 0.310 0.757

L14.Conduct -0.118182 1.742940 -0.068 0.946

L14.Water 5.003227 3.983309 1.256 0.209

L14.Temp -0.285832 2.199099 -0.130 0.897

L14.Precip. horaria 0.000517 0.002324 0.223 0.824

L14.Temp. prom aire -0.000076 0.000276 -0.276 0.782

L15.Conduct 0.710411 1.879258 0.378 0.705

L15.Water -2.427639 4.320289 -0.562 0.574

L15.Temp -1.466814 2.223760 -0.660 0.510

L15.Precip. horaria 0.001749 0.002298 0.761 0.447

L15.Temp. prom aire -0.000004 0.000276 -0.015 0.988

L16.Conduct -0.627062 2.004550 -0.313 0.754

L16.Water -3.411306 4.635720 -0.736 0.462

L16.Temp 3.133676 2.209260 1.418 0.156

L16.Precip. horaria 0.001337 0.002254 0.593 0.553

L16.Temp. prom aire 0.000016 0.000269 0.060 0.952

L17.Conduct 0.285917 2.061316 0.139 0.890

L17.Water 6.626518 4.774394 1.388 0.165

L17.Temp -4.037440 2.238622 -1.804 0.071

L17.Precip. horaria -0.001539 0.002211 -0.696 0.487

L17.Temp. prom aire 0.000226 0.000268 0.841 0.400

L18.Conduct -0.544008 2.056278 -0.265 0.791

L18.Water -4.800261 4.742154 -1.012 0.311

L18.Temp 4.191832 2.396683 1.749 0.080

L18.Precip. horaria -0.000278 0.002217 -0.126 0.900

L18.Temp. prom aire -0.000242 0.000271 -0.891 0.373

L19.Conduct 1.064730 2.023154 0.526 0.599

L19.Water 2.263204 4.673350 0.484 0.628

L19.Temp -4.126798 2.566030 -1.608 0.108

L19.Precip. horaria -0.002374 0.002244 -1.058 0.290

L19.Temp. prom aire -0.000055 0.000274 -0.203 0.839

L20.Conduct -1.007964 1.981419 -0.509 0.611

L20.Water -3.725045 4.636935 -0.803 0.422

L20.Temp 4.121675 2.658825 1.550 0.121

L20.Precip. horaria 0.002092 0.002224 0.941 0.347

L20.Temp. prom aire -0.000034 0.000272 -0.124 0.901

L21.Conduct 0.509522 1.957793 0.260 0.795

L21.Water 6.174811 4.643672 1.330 0.184

L21.Temp -3.787887 2.722079 -1.392 0.164

L21.Precip. horaria 0.001862 0.002197 0.848 0.397

L21.Temp. prom aire -0.000188 0.000268 -0.702 0.483

L22.Conduct -0.023511 1.991392 -0.012 0.991

L22.Water -4.412813 4.774032 -0.924 0.355

L22.Temp 2.577430 2.760127 0.934 0.350

L22.Precip. horaria 0.002648 0.002223 1.191 0.234

L22.Temp. prom aire 0.000396 0.000270 1.466 0.143

L23.Conduct -0.402681 2.053753 -0.196 0.845

L23.Water 0.009094 4.942928 0.002 0.999

L23.Temp -0.387685 2.702214 -0.143 0.886

L23.Precip. horaria -0.000725 0.002215 -0.327 0.744

L23.Temp. prom aire -0.000171 0.000277 -0.616 0.538

L24.Conduct 0.933163 2.060412 0.453 0.651

L24.Water 2.148129 4.931996 0.436 0.663

L24.Temp -2.109195 2.583031 -0.817 0.414

L24.Precip. horaria 0.000326 0.002162 0.151 0.880

L24.Temp. prom aire -0.000141 0.000278 -0.507 0.612

L25.Conduct -1.462686 1.999833 -0.731 0.465

L25.Water -0.710631 4.739876 -0.150 0.881

L25.Temp 3.762865 2.579392 1.459 0.145

L25.Precip. horaria -0.000465 0.002141 -0.217 0.828

L25.Temp. prom aire -0.000173 0.000286 -0.606 0.545

L26.Conduct 1.532526 1.941767 0.789 0.430

L26.Water -1.014964 4.598575 -0.221 0.825

L26.Temp -4.326962 2.684028 -1.612 0.107

L26.Precip. horaria -0.001106 0.002090 -0.529 0.597

L26.Temp. prom aire 0.000352 0.000296 1.189 0.234

L27.Conduct -1.188304 1.926535 -0.617 0.537

L27.Water -0.170271 4.584111 -0.037 0.970

L27.Temp 4.734154 2.720478 1.740 0.082

L27.Precip. horaria 0.001406 0.002094 0.671 0.502

L27.Temp. prom aire -0.000543 0.000297 -1.824 0.068

L28.Conduct 0.917895 1.947587 0.471 0.637

L28.Water 2.404268 4.623585 0.520 0.603

L28.Temp -5.335405 2.682379 -1.989 0.047

L28.Precip. horaria -0.000854 0.002082 -0.410 0.681

L28.Temp. prom aire 0.000379 0.000293 1.295 0.195

L29.Conduct -0.590908 1.989162 -0.297 0.766

L29.Water -2.345377 4.702947 -0.499 0.618

L29.Temp 5.214364 2.641762 1.974 0.048

L29.Precip. horaria 0.001181 0.002103 0.562 0.574

L29.Temp. prom aire -0.000617 0.000290 -2.124 0.034

L30.Conduct -0.147707 2.006137 -0.074 0.941

L30.Water 0.510100 4.743933 0.108 0.914

L30.Temp -3.673628 2.556312 -1.437 0.151

L30.Precip. horaria 0.001222 0.002101 0.582 0.561

L30.Temp. prom aire -0.000010 0.000294 -0.032 0.974

L31.Conduct 0.958772 1.923792 0.498 0.618

L31.Water 0.518186 4.547112 0.114 0.909

L31.Temp 1.452657 2.372397 0.612 0.540

L31.Precip. horaria 0.002757 0.002113 1.304 0.192

L31.Temp. prom aire -0.000386 0.000299 -1.289 0.197

L32.Conduct -1.252715 1.721783 -0.728 0.467

L32.Water 0.285109 4.048986 0.070 0.944

L32.Temp 0.101663 2.200457 0.046 0.963

L32.Precip. horaria -0.002152 0.002079 -1.035 0.301

L32.Temp. prom aire 0.000261 0.000300 0.868 0.386

L33.Conduct 1.015979 1.480584 0.686 0.493

L33.Water -1.330101 3.501650 -0.380 0.704

L33.Temp -0.798678 2.157110 -0.370 0.711

L33.Precip. horaria -0.003687 0.002077 -1.775 0.076

L33.Temp. prom aire 0.000210 0.000303 0.692 0.489

L34.Conduct -0.796983 1.322258 -0.603 0.547

L34.Water 0.752542 3.208004 0.235 0.815

L34.Temp 1.540171 2.153865 0.715 0.475

L34.Precip. horaria -0.000036 0.002128 -0.017 0.986

L34.Temp. prom aire 0.000158 0.000299 0.529 0.597

L35.Conduct 0.907551 1.279650 0.709 0.478

L35.Water 0.552353 3.163740 0.175 0.861

L35.Temp -2.710775 2.134403 -1.270 0.204

L35.Precip. horaria -0.000203 0.002174 -0.093 0.926

L35.Temp. prom aire 0.000079 0.000301 0.264 0.792

L36.Conduct -0.883793 1.273931 -0.694 0.488

L36.Water -0.878467 3.172720 -0.277 0.782

L36.Temp 3.741872 2.115853 1.768 0.077

L36.Precip. horaria 0.000686 0.002144 0.320 0.749

L36.Temp. prom aire -0.000067 0.000302 -0.220 0.826

L37.Conduct 0.255201 1.232899 0.207 0.836

L37.Water 0.535899 3.103102 0.173 0.863

L37.Temp -3.814734 2.057995 -1.854 0.064

L37.Precip. horaria 0.001063 0.002173 0.489 0.625

L37.Temp. prom aire -0.000106 0.000305 -0.345 0.730

L38.Conduct 0.543816 1.094625 0.497 0.619

L38.Water -0.443367 2.807139 -0.158 0.875

L38.Temp 2.688010 1.882182 1.428 0.153

L38.Precip. horaria -0.000178 0.002303 -0.077 0.938

L38.Temp. prom aire 0.000171 0.000303 0.564 0.573

L39.Conduct -0.799223 0.823222 -0.971 0.332

L39.Water 0.682790 2.186551 0.312 0.755

L39.Temp -1.171397 1.579282 -0.742 0.458

L39.Precip. horaria 0.001277 0.002416 0.529 0.597

L39.Temp. prom aire 0.000026 0.000301 0.087 0.930

L40.Conduct 0.481315 0.476973 1.009 0.313

L40.Water -0.762129 1.443233 -0.528 0.597

L40.Temp 0.144092 1.303671 0.111 0.912

L40.Precip. horaria -0.002370 0.002355 -1.006 0.314

L40.Temp. prom aire -0.000180 0.000292 -0.616 0.538

L41.Conduct -0.074471 0.205748 -0.362 0.717

L41.Water 0.179563 1.005533 0.179 0.858

L41.Temp 0.507466 1.197096 0.424 0.672

L41.Precip. horaria 0.000758 0.002600 0.292 0.771

L41.Temp. prom aire 0.000265 0.000293 0.906 0.365

L42.Conduct -0.046898 0.128295 -0.366 0.715

L42.Water 0.601878 0.923729 0.652 0.515

L42.Temp -1.292209 1.191876 -1.084 0.278

L42.Precip. horaria 0.000605 0.002919 0.207 0.836

L42.Temp. prom aire -0.000028 0.000291 -0.095 0.924

L43.Conduct -0.050498 0.125657 -0.402 0.688

L43.Water -0.643038 0.910516 -0.706 0.480

L43.Temp 2.142778 1.199546 1.786 0.074

L43.Precip. horaria -0.003304 0.003003 -1.100 0.271

L43.Temp. prom aire -0.000027 0.000290 -0.094 0.925

L44.Conduct 0.083436 0.118856 0.702 0.483

L44.Water -0.007552 0.880560 -0.009 0.993

L44.Temp -2.374813 1.165876 -2.037 0.042

L44.Precip. horaria -0.003870 0.003038 -1.274 0.203

L44.Temp. prom aire 0.000080 0.000292 0.275 0.783

L45.Conduct -0.030863 0.111436 -0.277 0.782

L45.Water 0.629830 0.781444 0.806 0.420

L45.Temp 1.677984 1.015589 1.652 0.098

L45.Precip. horaria 0.001649 0.003115 0.529 0.597

L45.Temp. prom aire 0.000175 0.000292 0.599 0.549

L46.Conduct 0.024106 0.097307 0.248 0.804

L46.Water -0.753587 0.561454 -1.342 0.180

L46.Temp -0.731975 0.700616 -1.045 0.296

L46.Precip. horaria 0.002797 0.003247 0.862 0.389

L46.Temp. prom aire 0.000074 0.000292 0.254 0.799

L47.Conduct -0.032730 0.060040 -0.545 0.586

L47.Water 0.424047 0.269964 1.571 0.116

L47.Temp 0.202211 0.321377 0.629 0.529

L47.Precip. horaria 0.001547 0.003256 0.475 0.635

L47.Temp. prom aire -0.000171 0.000293 -0.584 0.559

L48.Conduct 0.012612 0.016597 0.760 0.447

L48.Water -0.094901 0.061318 -1.548 0.122

L48.Temp -0.034630 0.070375 -0.492 0.623

L48.Precip. horaria -0.000549 0.003162 -0.173 0.862

L48.Temp. prom aire -0.000177 0.000267 -0.663 0.507

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.054162 0.020954 2.585 0.010

L1.Conduct -0.183185 0.046706 -3.922 0.000

L1.Water 0.362385 0.135633 2.672 0.008

L1.Temp 4.224004 0.074488 56.707 0.000

L1.Precip. horaria -0.000857 0.002345 -0.366 0.715

L1.Temp. prom aire 0.000319 0.000271 1.179 0.238

L2.Conduct 0.889358 0.215906 4.119 0.000

L2.Water -1.867689 0.594960 -3.139 0.002

L2.Temp -7.849397 0.332637 -23.597 0.000

L2.Precip. horaria -0.000359 0.002361 -0.152 0.879

L2.Temp. prom aire -0.000023 0.000294 -0.079 0.937

L3.Conduct -1.993516 0.471861 -4.225 0.000

L3.Water 4.431445 1.220944 3.630 0.000

L3.Temp 8.532237 0.717833 11.886 0.000

L3.Precip. horaria -0.002613 0.002389 -1.094 0.274

L3.Temp. prom aire -0.000630 0.000291 -2.163 0.031

L4.Conduct 2.816736 0.686968 4.100 0.000

L4.Water -6.590362 1.660429 -3.969 0.000

L4.Temp -5.903263 1.047536 -5.635 0.000

L4.Precip. horaria 0.001847 0.002447 0.755 0.450

L4.Temp. prom aire -0.000096 0.000299 -0.322 0.747

L5.Conduct -2.906037 0.808763 -3.593 0.000

L5.Water 7.167638 1.852479 3.869 0.000

L5.Temp 2.456850 1.226681 2.003 0.045

L5.Precip. horaria 0.000909 0.002466 0.369 0.712

L5.Temp. prom aire 0.000063 0.000303 0.208 0.835

L6.Conduct 2.321228 0.895924 2.591 0.010

L6.Water -6.225834 1.986460 -3.134 0.002

L6.Temp -0.221942 1.292396 -0.172 0.864

L6.Precip. horaria -0.001041 0.002443 -0.426 0.670

L6.Temp. prom aire -0.000291 0.000295 -0.987 0.324

L7.Conduct -1.154722 1.029491 -1.122 0.262

L7.Water 3.955634 2.224044 1.779 0.075

L7.Temp -1.924637 1.310479 -1.469 0.142

L7.Precip. horaria 0.005080 0.002464 2.061 0.039

L7.Temp. prom aire -0.000229 0.000297 -0.771 0.441

L8.Conduct -0.744012 1.228951 -0.605 0.545

L8.Water 0.046889 2.637978 0.018 0.986

L8.Temp 5.901464 1.334200 4.423 0.000

L8.Precip. horaria -0.002690 0.002525 -1.065 0.287

L8.Temp. prom aire -0.000215 0.000294 -0.731 0.465

L9.Conduct 3.298509 1.453892 2.269 0.023

L9.Water -5.733754 3.177784 -1.804 0.071

L9.Temp -9.834221 1.458554 -6.742 0.000

L9.Precip. horaria 0.001011 0.002486 0.407 0.684

L9.Temp. prom aire 0.000185 0.000295 0.627 0.530

L10.Conduct -5.669648 1.642771 -3.451 0.001

L10.Water 11.318620 3.661925 3.091 0.002

L10.Temp 10.356061 1.750867 5.915 0.000

L10.Precip. horaria -0.003429 0.002551 -1.344 0.179

L10.Temp. prom aire -0.000256 0.000296 -0.865 0.387

L11.Conduct 6.804438 1.738985 3.913 0.000

L11.Water -14.297067 3.892206 -3.673 0.000

L11.Temp -7.239067 2.065668 -3.504 0.000

L11.Precip. horaria 0.000940 0.002603 0.361 0.718

L11.Temp. prom aire -0.000351 0.000296 -1.189 0.235

L12.Conduct -6.343831 1.756274 -3.612 0.000

L12.Water 13.676615 3.941708 3.470 0.001

L12.Temp 3.641529 2.242981 1.624 0.104

L12.Precip. horaria -0.000570 0.002567 -0.222 0.824

L12.Temp. prom aire 0.000063 0.000297 0.213 0.832

L13.Conduct 4.672789 1.776086 2.631 0.009

L13.Water -10.340058 4.028865 -2.566 0.010

L13.Temp -2.903118 2.307546 -1.258 0.208

L13.Precip. horaria -0.000759 0.002510 -0.303 0.762

L13.Temp. prom aire -0.000308 0.000300 -1.027 0.305

L14.Conduct -2.548463 1.862537 -1.368 0.171

L14.Water 5.980484 4.256635 1.405 0.160

L14.Temp 3.646324 2.349996 1.552 0.121

L14.Precip. horaria 0.000397 0.002483 0.160 0.873

L14.Temp. prom aire 0.000074 0.000295 0.251 0.802

L15.Conduct 0.516605 2.008208 0.257 0.797

L15.Water -1.659578 4.616738 -0.359 0.719

L15.Temp -1.362127 2.376349 -0.573 0.567

L15.Precip. horaria 0.003860 0.002456 1.572 0.116

L15.Temp. prom aire -0.000085 0.000295 -0.287 0.774

L16.Conduct 1.465049 2.142097 0.684 0.494

L16.Water -2.616181 4.953813 -0.528 0.597

L16.Temp -4.193370 2.360855 -1.776 0.076

L16.Precip. horaria -0.001537 0.002409 -0.638 0.523

L16.Temp. prom aire -0.000257 0.000288 -0.895 0.371

L17.Conduct -3.345676 2.202759 -1.519 0.129

L17.Water 6.313636 5.102002 1.237 0.216

L17.Temp 8.684266 2.392232 3.630 0.000

L17.Precip. horaria 0.003347 0.002363 1.416 0.157

L17.Temp. prom aire -0.000423 0.000287 -1.473 0.141

L18.Conduct 4.568493 2.197375 2.079 0.038

L18.Water -8.169370 5.067550 -1.612 0.107

L18.Temp -9.100192 2.561138 -3.553 0.000

L18.Precip. horaria 0.003692 0.002369 1.558 0.119

L18.Temp. prom aire 0.000161 0.000290 0.556 0.578

L19.Conduct -4.814630 2.161978 -2.227 0.026

L19.Water 7.953357 4.994025 1.593 0.111

L19.Temp 7.443395 2.742105 2.714 0.007

L19.Precip. horaria -0.001487 0.002398 -0.620 0.535

L19.Temp. prom aire -0.000310 0.000292 -1.061 0.289

L20.Conduct 4.360918 2.117380 2.060 0.039

L20.Water -6.696394 4.955111 -1.351 0.177

L20.Temp -7.612735 2.841267 -2.679 0.007

L20.Precip. horaria -0.001511 0.002377 -0.636 0.525

L20.Temp. prom aire 0.000242 0.000290 0.832 0.405

L21.Conduct -3.597826 2.092132 -1.720 0.085

L21.Water 5.293765 4.962310 1.067 0.286

L21.Temp 8.564098 2.908862 2.944 0.003

L21.Precip. horaria 0.001087 0.002347 0.463 0.643

L21.Temp. prom aire -0.000074 0.000287 -0.259 0.796

L22.Conduct 2.514739 2.128036 1.182 0.237

L22.Water -3.420519 5.101615 -0.670 0.503

L22.Temp -6.032254 2.949520 -2.045 0.041

L22.Precip. horaria 0.001362 0.002376 0.573 0.566

L22.Temp. prom aire -0.000438 0.000289 -1.519 0.129

L23.Conduct -0.730425 2.194677 -0.333 0.739

L23.Water 0.210438 5.282101 0.040 0.968

L23.Temp -0.152598 2.887633 -0.053 0.958

L23.Precip. horaria 0.001056 0.002367 0.446 0.656

L23.Temp. prom aire -0.000017 0.000296 -0.057 0.955

L24.Conduct -1.692526 2.201793 -0.769 0.442

L24.Water 3.861578 5.270418 0.733 0.464

L24.Temp 5.889532 2.760272 2.134 0.033

L24.Precip. horaria 0.001738 0.002310 0.753 0.452

L24.Temp. prom aire 0.000366 0.000297 1.234 0.217

L25.Conduct 3.960350 2.137057 1.853 0.064

L25.Water -7.105111 5.065115 -1.403 0.161

L25.Temp -7.612993 2.756384 -2.762 0.006

L25.Precip. horaria -0.001847 0.002288 -0.807 0.420

L25.Temp. prom aire -0.000267 0.000306 -0.871 0.384

L26.Conduct -5.339263 2.075007 -2.573 0.010

L26.Water 8.554348 4.914119 1.741 0.082

L26.Temp 6.209741 2.868199 2.165 0.030

L26.Precip. horaria 0.000349 0.002233 0.156 0.876

L26.Temp. prom aire -0.000442 0.000316 -1.395 0.163

L27.Conduct 5.416965 2.058730 2.631 0.009

L27.Water -8.124747 4.898662 -1.659 0.097

L27.Temp -5.592304 2.907151 -1.924 0.054

L27.Precip. horaria 0.000555 0.002237 0.248 0.804

L27.Temp. prom aire 0.000159 0.000318 0.501 0.616

L28.Conduct -4.077946 2.081227 -1.959 0.050

L28.Water 5.735237 4.940845 1.161 0.246

L28.Temp 6.584458 2.866438 2.297 0.022

L28.Precip. horaria 0.001711 0.002224 0.769 0.442

L28.Temp. prom aire -0.000072 0.000313 -0.230 0.818

L29.Conduct 1.775536 2.125654 0.835 0.404

L29.Water -1.617998 5.025652 -0.322 0.747

L29.Temp -6.346575 2.823033 -2.248 0.025

L29.Precip. horaria 0.002721 0.002247 1.211 0.226

L29.Temp. prom aire 0.000029 0.000310 0.092 0.927

L30.Conduct 0.771687 2.143794 0.360 0.719

L30.Water -3.103874 5.069451 -0.612 0.540

L30.Temp 3.312732 2.731720 1.213 0.225

L30.Precip. horaria -0.001831 0.002245 -0.815 0.415

L30.Temp. prom aire 0.000094 0.000314 0.299 0.765

L31.Conduct -2.862665 2.055799 -1.392 0.164

L31.Water 6.624870 4.859124 1.363 0.173

L31.Temp 0.680883 2.535186 0.269 0.788

L31.Precip. horaria 0.004226 0.002259 1.871 0.061

L31.Temp. prom aire -0.000164 0.000320 -0.514 0.607

L32.Conduct 3.908787 1.839928 2.124 0.034

L32.Water -7.673028 4.326818 -1.773 0.076

L32.Temp -2.550165 2.351448 -1.085 0.278

L32.Precip. horaria 0.000100 0.002222 0.045 0.964

L32.Temp. prom aire -0.000089 0.000321 -0.276 0.782

L33.Conduct -3.732276 1.582178 -2.359 0.018

L33.Water 6.358533 3.741925 1.699 0.089

L33.Temp 2.070645 2.305126 0.898 0.369

L33.Precip. horaria 0.003738 0.002220 1.684 0.092

L33.Temp. prom aire -0.000113 0.000323 -0.348 0.728

L34.Conduct 2.576866 1.412989 1.824 0.068

L34.Water -3.799322 3.428130 -1.108 0.268

L34.Temp -2.008712 2.301659 -0.873 0.383

L34.Precip. horaria -0.002759 0.002274 -1.213 0.225

L34.Temp. prom aire 0.000323 0.000320 1.010 0.312

L35.Conduct -1.064298 1.367457 -0.778 0.436

L35.Water 1.307000 3.380829 0.387 0.699

L35.Temp 3.426517 2.280861 1.502 0.133

L35.Precip. horaria 0.001616 0.002323 0.696 0.487

L35.Temp. prom aire -0.000458 0.000322 -1.423 0.155

L36.Conduct -0.140727 1.361346 -0.103 0.918

L36.Water 0.580221 3.390425 0.171 0.864

L36.Temp -4.436090 2.261038 -1.962 0.050

L36.Precip. horaria -0.005871 0.002291 -2.562 0.010

L36.Temp. prom aire 0.000105 0.000323 0.326 0.744

L37.Conduct 0.772139 1.317498 0.586 0.558

L37.Water -1.870748 3.316030 -0.564 0.573

L37.Temp 3.403471 2.199209 1.548 0.122

L37.Precip. horaria 0.009922 0.002322 4.274 0.000

L37.Temp. prom aire 0.000064 0.000326 0.197 0.844

L38.Conduct -0.791024 1.169736 -0.676 0.499

L38.Water 2.239935 2.999758 0.747 0.455

L38.Temp -1.043661 2.011333 -0.519 0.604

L38.Precip. horaria -0.009093 0.002461 -3.694 0.000

L38.Temp. prom aire -0.000129 0.000324 -0.399 0.690

L39.Conduct 0.442621 0.879709 0.503 0.615

L39.Water -1.711402 2.336587 -0.732 0.464

L39.Temp -0.513325 1.687649 -0.304 0.761

L39.Precip. horaria -0.001000 0.002582 -0.387 0.699

L39.Temp. prom aire -0.000241 0.000322 -0.747 0.455

L40.Conduct -0.230834 0.509702 -0.453 0.651

L40.Water 1.098412 1.542264 0.712 0.476

L40.Temp 0.474135 1.393126 0.340 0.734

L40.Precip. horaria 0.008298 0.002517 3.297 0.001

L40.Temp. prom aire 0.000010 0.000312 0.032 0.974

L41.Conduct 0.255497 0.219866 1.162 0.245

L41.Water -0.924430 1.074530 -0.860 0.390

L41.Temp -0.028957 1.279238 -0.023 0.982

L41.Precip. horaria -0.010095 0.002778 -3.634 0.000

L41.Temp. prom aire -0.000223 0.000313 -0.712 0.476

L42.Conduct -0.252739 0.137098 -1.843 0.065

L42.Water 0.889500 0.987114 0.901 0.368

L42.Temp 0.150710 1.273659 0.118 0.906

L42.Precip. horaria 0.003237 0.003119 1.038 0.299

L42.Temp. prom aire -0.000385 0.000311 -1.241 0.215

L43.Conduct 0.136189 0.134279 1.014 0.310

L43.Water -0.467699 0.972993 -0.481 0.631

L43.Temp -0.496973 1.281856 -0.388 0.698

L43.Precip. horaria 0.001570 0.003209 0.489 0.625

L43.Temp. prom aire 0.000479 0.000309 1.547 0.122

L44.Conduct -0.028442 0.127012 -0.224 0.823

L44.Water -0.290534 0.940982 -0.309 0.758

L44.Temp 0.303236 1.245875 0.243 0.808

L44.Precip. horaria -0.003306 0.003247 -1.018 0.308

L44.Temp. prom aire -0.000166 0.000313 -0.532 0.595

L45.Conduct 0.061565 0.119083 0.517 0.605

L45.Water 0.777140 0.835065 0.931 0.352

L45.Temp 0.401346 1.085276 0.370 0.712

L45.Precip. horaria 0.005781 0.003329 1.737 0.082

L45.Temp. prom aire -0.000099 0.000312 -0.316 0.752

L46.Conduct -0.154191 0.103984 -1.483 0.138

L46.Water -0.699917 0.599979 -1.167 0.243

L46.Temp -0.760635 0.748691 -1.016 0.310

L46.Precip. horaria -0.006939 0.003469 -2.000 0.045

L46.Temp. prom aire 0.000289 0.000312 0.926 0.355

L47.Conduct 0.129459 0.064160 2.018 0.044

L47.Water 0.346193 0.288488 1.200 0.230

L47.Temp 0.473064 0.343429 1.377 0.168

L47.Precip. horaria 0.002819 0.003480 0.810 0.418

L47.Temp. prom aire 0.000263 0.000313 0.840 0.401

L48.Conduct -0.037655 0.017736 -2.123 0.034

L48.Water -0.079048 0.065526 -1.206 0.228

L48.Temp -0.110560 0.075204 -1.470 0.142

L48.Precip. horaria 0.000820 0.003379 0.243 0.808

L48.Temp. prom aire -0.000202 0.000286 -0.708 0.479

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.300818 0.628422 -0.479 0.632

L1.Conduct 1.764434 1.400774 1.260 0.208

L1.Water -5.356817 4.067795 -1.317 0.188

L1.Temp -0.924851 2.233996 -0.414 0.679

L1.Precip. horaria 0.071998 0.070321 1.024 0.306

L1.Temp. prom aire -0.000685 0.008125 -0.084 0.933

L2.Conduct -10.465590 6.475285 -1.616 0.106

L2.Water 27.063725 17.843526 1.517 0.129

L2.Temp 2.742546 9.976181 0.275 0.783

L2.Precip. horaria 0.012563 0.070809 0.177 0.859

L2.Temp. prom aire 0.006965 0.008824 0.789 0.430

L3.Conduct 28.889720 14.151656 2.041 0.041

L3.Water -69.382575 36.617537 -1.895 0.058

L3.Temp -9.271478 21.528639 -0.431 0.667

L3.Precip. horaria 0.285784 0.071645 3.989 0.000

L3.Temp. prom aire -0.009904 0.008733 -1.134 0.257

L4.Conduct -46.028631 20.602970 -2.234 0.025

L4.Water 112.672684 49.798187 2.263 0.024

L4.Temp 27.905271 31.416819 0.888 0.374

L4.Precip. horaria -0.113069 0.073384 -1.541 0.123

L4.Temp. prom aire 0.009408 0.008979 1.048 0.295

L5.Conduct 46.950765 24.255746 1.936 0.053

L5.Water -118.307637 55.557989 -2.129 0.033

L5.Temp -47.313733 36.789575 -1.286 0.198

L5.Precip. horaria 0.086086 0.073963 1.164 0.244

L5.Temp. prom aire -0.007312 0.009088 -0.805 0.421

L6.Conduct -34.631265 26.869803 -1.289 0.197

L6.Water 80.288805 59.576234 1.348 0.178

L6.Temp 46.203076 38.760456 1.192 0.233

L6.Precip. horaria -0.187247 0.073258 -2.556 0.011

L6.Temp. prom aire -0.008413 0.008854 -0.950 0.342

L7.Conduct 21.086385 30.875633 0.683 0.495

L7.Water -37.732095 66.701640 -0.566 0.572

L7.Temp -27.567239 39.302780 -0.701 0.483

L7.Precip. horaria 0.191699 0.073907 2.594 0.009

L7.Temp. prom aire 0.014627 0.008895 1.644 0.100

L8.Conduct -10.918501 36.857677 -0.296 0.767

L8.Water 16.501326 79.116004 0.209 0.835

L8.Temp 10.636448 40.014204 0.266 0.790

L8.Precip. horaria 0.006133 0.075728 0.081 0.935

L8.Temp. prom aire 0.003237 0.008816 0.367 0.713

L9.Conduct 1.256012 43.603900 0.029 0.977

L9.Water -3.576808 95.305410 -0.038 0.970

L9.Temp -4.047157 43.743712 -0.093 0.926

L9.Precip. horaria 0.104137 0.074556 1.397 0.162

L9.Temp. prom aire 0.006012 0.008835 0.680 0.496

L10.Conduct 13.287781 49.268610 0.270 0.787

L10.Water -24.764837 109.825379 -0.225 0.822

L10.Temp -0.985958 52.510533 -0.019 0.985

L10.Precip. horaria -0.223579 0.076502 -2.923 0.003

L10.Temp. prom aire -0.003090 0.008875 -0.348 0.728

L11.Conduct -30.414038 52.154174 -0.583 0.560

L11.Water 65.783438 116.731771 0.564 0.573

L11.Temp 15.671771 61.951777 0.253 0.800

L11.Precip. horaria -0.117151 0.078059 -1.501 0.133

L11.Temp. prom aire -0.007544 0.008863 -0.851 0.395

L12.Conduct 41.032871 52.672694 0.779 0.436

L12.Water -90.969265 118.216380 -0.770 0.442

L12.Temp -32.730460 67.269593 -0.487 0.627

L12.Precip. horaria -0.069198 0.076999 -0.899 0.369

L12.Temp. prom aire 0.012828 0.008910 1.440 0.150

L13.Conduct -39.244597 53.266881 -0.737 0.461

L13.Water 83.532580 120.830325 0.691 0.489

L13.Temp 37.326353 69.205987 0.539 0.590

L13.Precip. horaria 0.100818 0.075270 1.339 0.180

L13.Temp. prom aire 0.002263 0.008982 0.252 0.801

L14.Conduct 29.233065 55.859627 0.523 0.601

L14.Water -58.200187 127.661407 -0.456 0.648

L14.Temp -31.013520 70.479093 -0.440 0.660

L14.Precip. horaria 0.048119 0.074478 0.646 0.518

L14.Temp. prom aire -0.007115 0.008844 -0.804 0.421

L15.Conduct -22.767424 60.228497 -0.378 0.705

L15.Water 47.247251 138.461311 0.341 0.733

L15.Temp 27.108496 71.269465 0.380 0.704

L15.Precip. horaria -0.002473 0.073652 -0.034 0.973

L15.Temp. prom aire -0.010762 0.008859 -1.215 0.224

L16.Conduct 19.937367 64.243976 0.310 0.756

L16.Water -56.509581 148.570578 -0.380 0.704

L16.Temp -32.489183 70.804765 -0.459 0.646

L16.Precip. horaria -0.036163 0.072252 -0.501 0.617

L16.Temp. prom aire 0.001675 0.008623 0.194 0.846

L17.Conduct -12.828905 66.063286 -0.194 0.846

L17.Water 58.254462 153.014950 0.381 0.703

L17.Temp 36.046941 71.745794 0.502 0.615

L17.Precip. horaria -0.069294 0.070872 -0.978 0.328

L17.Temp. prom aire 0.007401 0.008603 0.860 0.390

L18.Conduct 3.418904 65.901812 0.052 0.959

L18.Water -36.905787 151.981691 -0.243 0.808

L18.Temp -18.905709 76.811481 -0.246 0.806

L18.Precip. horaria 0.069378 0.071060 0.976 0.329

L18.Temp. prom aire 0.007625 0.008690 0.877 0.380

L19.Conduct 4.615508 64.840237 0.071 0.943

L19.Water 2.847582 149.776581 0.019 0.985

L19.Temp -13.473055 82.238915 -0.164 0.870

L19.Precip. horaria 0.058918 0.071911 0.819 0.413

L19.Temp. prom aire -0.004691 0.008771 -0.535 0.593

L20.Conduct -8.377437 63.502668 -0.132 0.895

L20.Water 15.954828 148.609522 0.107 0.915

L20.Temp 30.914038 85.212893 0.363 0.717

L20.Precip. horaria 0.057778 0.071280 0.811 0.418

L20.Temp. prom aire 0.004592 0.008709 0.527 0.598

L21.Conduct 7.319268 62.745466 0.117 0.907

L21.Water -10.043203 148.825424 -0.067 0.946

L21.Temp -20.064886 87.240127 -0.230 0.818

L21.Precip. horaria -0.127195 0.070397 -1.807 0.071

L21.Temp. prom aire 0.018433 0.008593 2.145 0.032

L22.Conduct -7.828368 63.822278 -0.123 0.902

L22.Water 13.118175 153.003333 0.086 0.932

L22.Temp -1.636204 88.459529 -0.018 0.985

L22.Precip. horaria -0.085324 0.071250 -1.198 0.231

L22.Temp. prom aire -0.004373 0.008655 -0.505 0.613

L23.Conduct 10.845102 65.820897 0.165 0.869

L23.Water -39.099076 158.416319 -0.247 0.805

L23.Temp 12.674792 86.603469 0.146 0.884

L23.Precip. horaria -0.029417 0.070977 -0.414 0.679

L23.Temp. prom aire -0.002275 0.008871 -0.256 0.798

L24.Conduct -14.039232 66.034314 -0.213 0.832

L24.Water 62.690730 158.065933 0.397 0.692

L24.Temp -10.766937 82.783759 -0.130 0.897

L24.Precip. horaria -0.012357 0.069278 -0.178 0.858

L24.Temp. prom aire 0.018177 0.008905 2.041 0.041

L25.Conduct 15.060163 64.092826 0.235 0.814

L25.Water -63.483695 151.908678 -0.418 0.676

L25.Temp 10.611664 82.667144 0.128 0.898

L25.Precip. horaria -0.028249 0.068625 -0.412 0.681

L25.Temp. prom aire -0.033769 0.009179 -3.679 0.000

L26.Conduct -12.170914 62.231853 -0.196 0.845

L26.Water 41.724751 147.380104 0.283 0.777

L26.Temp -18.804048 86.020620 -0.219 0.827

L26.Precip. horaria -0.047811 0.066985 -0.714 0.475

L26.Temp. prom aire -0.001123 0.009491 -0.118 0.906

L27.Conduct 11.313111 61.743692 0.183 0.855

L27.Water -23.049031 146.916548 -0.157 0.875

L27.Temp 23.649322 87.188838 0.271 0.786

L27.Precip. horaria -0.003418 0.067102 -0.051 0.959

L27.Temp. prom aire 0.001130 0.009534 0.119 0.906

L28.Conduct -10.249398 62.418392 -0.164 0.870

L28.Water 17.189627 148.181670 0.116 0.908

L28.Temp -15.236567 85.967780 -0.177 0.859

L28.Precip. horaria -0.101794 0.066713 -1.526 0.127

L28.Temp. prom aire 0.000233 0.009379 0.025 0.980

L29.Conduct 3.286303 63.750831 0.052 0.959

L29.Water -1.621757 150.725127 -0.011 0.991

L29.Temp -1.537700 84.666041 -0.018 0.986

L29.Precip. horaria 0.056867 0.067396 0.844 0.399

L29.Temp. prom aire -0.002963 0.009307 -0.318 0.750

L30.Conduct 2.651241 64.294851 0.041 0.967

L30.Water -24.451473 152.038701 -0.161 0.872

L30.Temp 12.204121 81.927457 0.149 0.882

L30.Precip. horaria -0.090470 0.067345 -1.343 0.179

L30.Temp. prom aire -0.012790 0.009422 -1.358 0.175

L31.Conduct -4.715885 61.655781 -0.076 0.939

L31.Water 42.781447 145.730764 0.294 0.769

L31.Temp -9.297706 76.033161 -0.122 0.903

L31.Precip. horaria 0.027980 0.067735 0.413 0.680

L31.Temp. prom aire -0.002292 0.009588 -0.239 0.811

L32.Conduct 4.847851 55.181580 0.088 0.930

L32.Water -43.209738 129.766281 -0.333 0.739

L32.Temp 6.060831 70.522636 0.086 0.932

L32.Precip. horaria 0.013343 0.066644 0.200 0.841

L32.Temp. prom aire 0.019701 0.009624 2.047 0.041

L33.Conduct -4.303657 47.451354 -0.091 0.928

L33.Water 29.576477 112.224671 0.264 0.792

L33.Temp -16.095171 69.133400 -0.233 0.816

L33.Precip. horaria 0.031042 0.066576 0.466 0.641

L33.Temp. prom aire 0.000609 0.009699 0.063 0.950

L34.Conduct 5.240621 42.377163 0.124 0.902

L34.Water -21.406020 102.813600 -0.208 0.835

L34.Temp 30.542783 69.029407 0.442 0.658

L34.Precip. horaria -0.061979 0.068201 -0.909 0.363

L34.Temp. prom aire -0.010511 0.009587 -1.096 0.273

L35.Conduct -3.500201 41.011620 -0.085 0.932

L35.Water 21.759726 101.394965 0.215 0.830

L35.Temp -29.037239 68.405648 -0.424 0.671

L35.Precip. horaria 0.005019 0.069665 0.072 0.943

L35.Temp. prom aire -0.002102 0.009648 -0.218 0.828

L36.Conduct -0.073166 40.828329 -0.002 0.999

L36.Water -16.592576 101.682771 -0.163 0.870

L36.Temp 2.864013 67.811134 0.042 0.966

L36.Precip. horaria -0.049084 0.068723 -0.714 0.475

L36.Temp. prom aire -0.006814 0.009683 -0.704 0.482

L37.Conduct 0.053872 39.513276 0.001 0.999

L37.Water 3.126118 99.451587 0.031 0.975

L37.Temp 28.687442 65.956838 0.435 0.664

L37.Precip. horaria 0.048137 0.069628 0.691 0.489

L37.Temp. prom aire -0.008537 0.009789 -0.872 0.383

L38.Conduct 0.786760 35.081728 0.022 0.982

L38.Water 13.417590 89.966215 0.149 0.881

L38.Temp -38.022536 60.322198 -0.630 0.528

L38.Precip. horaria -0.073720 0.073819 -0.999 0.318

L38.Temp. prom aire -0.001079 0.009719 -0.111 0.912

L39.Conduct -1.733338 26.383496 -0.066 0.948

L39.Water -21.631543 70.076946 -0.309 0.758

L39.Temp 30.358731 50.614550 0.600 0.549

L39.Precip. horaria 0.018043 0.077433 0.233 0.816

L39.Temp. prom aire -0.000414 0.009660 -0.043 0.966

L40.Conduct 1.736349 15.286551 0.114 0.910

L40.Water 17.370147 46.254279 0.376 0.707

L40.Temp -29.457137 41.781463 -0.705 0.481

L40.Precip. horaria -0.014453 0.075481 -0.191 0.848

L40.Temp. prom aire -0.022675 0.009347 -2.426 0.015

L41.Conduct 2.685067 6.594041 0.407 0.684

L41.Water -14.351002 32.226413 -0.445 0.656

L41.Temp 37.565480 38.365822 0.979 0.328

L41.Precip. horaria 0.002874 0.083317 0.034 0.972

L41.Temp. prom aire 0.019659 0.009386 2.095 0.036

L42.Conduct -5.517217 4.111739 -1.342 0.180

L42.Water 14.641874 29.604681 0.495 0.621

L42.Temp -38.178387 38.198522 -0.999 0.318

L42.Precip. horaria 0.110442 0.093536 1.181 0.238

L42.Temp. prom aire 0.006385 0.009313 0.686 0.493

L43.Conduct 3.072671 4.027193 0.763 0.445

L43.Water -7.643046 29.181201 -0.262 0.793

L43.Temp 20.503306 38.444335 0.533 0.594

L43.Precip. horaria -0.157155 0.096246 -1.633 0.103

L43.Temp. prom aire -0.009743 0.009280 -1.050 0.294

L44.Conduct -0.266610 3.809232 -0.070 0.944

L44.Water -4.569350 28.221126 -0.162 0.871

L44.Temp 5.275788 37.365248 0.141 0.888

L44.Precip. horaria -0.026892 0.097367 -0.276 0.782

L44.Temp. prom aire 0.014554 0.009372 1.553 0.120

L45.Conduct -1.145702 3.571432 -0.321 0.748

L45.Water 14.261987 25.044571 0.569 0.569

L45.Temp -20.762459 32.548680 -0.638 0.524

L45.Precip. horaria -0.157760 0.099838 -1.580 0.114

L45.Temp. prom aire -0.019150 0.009345 -2.049 0.040

L46.Conduct 1.315141 3.118606 0.422 0.673

L46.Water -16.225857 17.994070 -0.902 0.367

L46.Temp 20.926526 22.454096 0.932 0.351

L46.Precip. horaria -0.023083 0.104050 -0.222 0.824

L46.Temp. prom aire 0.000242 0.009357 0.026 0.979

L47.Conduct -0.354850 1.924239 -0.184 0.854

L47.Water 9.454255 8.652094 1.093 0.275

L47.Temp -11.753412 10.299841 -1.141 0.254

L47.Precip. horaria -0.075686 0.104366 -0.725 0.468

L47.Temp. prom aire 0.006455 0.009383 0.688 0.491

L48.Conduct -0.099533 0.531909 -0.187 0.852

L48.Water -2.188782 1.965191 -1.114 0.265

L48.Temp 2.916614 2.255452 1.293 0.196

L48.Precip. horaria 0.090829 0.101335 0.896 0.370

L48.Temp. prom aire -0.008818 0.008567 -1.029 0.303

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 12.336544 5.524194 2.233 0.026

L1.Conduct 8.597803 12.313629 0.698 0.485

L1.Water -37.534607 35.758300 -1.050 0.294

L1.Temp 13.088686 19.638132 0.666 0.505

L1.Precip. horaria 0.348323 0.618165 0.563 0.573

L1.Temp. prom aire 0.383598 0.071423 5.371 0.000

L2.Conduct -33.024978 56.921554 -0.580 0.562

L2.Water 135.928441 156.855056 0.867 0.386

L2.Temp -43.540418 87.696477 -0.496 0.620

L2.Precip. horaria 0.076721 0.622453 0.123 0.902

L2.Temp. prom aire 0.084824 0.077566 1.094 0.274

L3.Conduct 44.801087 124.401356 0.360 0.719

L3.Water -187.439894 321.889620 -0.582 0.560

L3.Temp 40.754364 189.249363 0.215 0.829

L3.Precip. horaria 0.003803 0.629799 0.006 0.995

L3.Temp. prom aire -0.043762 0.076764 -0.570 0.569

L4.Conduct -10.415527 181.112184 -0.058 0.954

L4.Water 109.428660 437.755264 0.250 0.803

L4.Temp 73.726423 276.172265 0.267 0.790

L4.Precip. horaria 0.709269 0.645088 1.099 0.272

L4.Temp. prom aire 0.078553 0.078927 0.995 0.320

L5.Conduct -37.404382 213.222232 -0.175 0.861

L5.Water -34.929152 488.387304 -0.072 0.943

L5.Temp -220.113815 323.401935 -0.681 0.496

L5.Precip. horaria -0.081595 0.650179 -0.125 0.900

L5.Temp. prom aire -0.019600 0.079885 -0.245 0.806

L6.Conduct 53.255664 236.201329 0.225 0.822

L6.Water 80.783643 523.710030 0.154 0.877

L6.Temp 131.403546 340.727141 0.386 0.700

L6.Precip. horaria 0.015247 0.643976 0.024 0.981

L6.Temp. prom aire -0.095657 0.077830 -1.229 0.219

L7.Conduct -46.691671 271.414917 -0.172 0.863

L7.Water -185.930559 586.346533 -0.317 0.751

L7.Temp 229.457502 345.494488 0.664 0.507

L7.Precip. horaria 0.817075 0.649684 1.258 0.209

L7.Temp. prom aire 0.161641 0.078192 2.067 0.039

L8.Conduct 8.859870 324.000591 0.027 0.978

L8.Water 332.100715 695.476072 0.478 0.633

L8.Temp -504.784008 351.748316 -1.435 0.151

L8.Precip. horaria 0.098731 0.665693 0.148 0.882

L8.Temp. prom aire -0.045280 0.077501 -0.584 0.559

L9.Conduct 83.797968 383.303853 0.219 0.827

L9.Water -568.948250 837.790446 -0.679 0.497

L9.Temp 451.751747 384.532883 1.175 0.240

L9.Precip. horaria -1.072606 0.655387 -1.637 0.102

L9.Temp. prom aire -0.109022 0.077664 -1.404 0.160

L10.Conduct -194.955375 433.099978 -0.450 0.653

L10.Water 854.373127 965.429484 0.885 0.376

L10.Temp -237.196500 461.598375 -0.514 0.607

L10.Precip. horaria 0.786520 0.672500 1.170 0.242

L10.Temp. prom aire -0.067290 0.078021 -0.862 0.388

L11.Conduct 246.651317 458.465772 0.538 0.591

L11.Water -986.305703 1026.140724 -0.961 0.336

L11.Temp 118.891472 544.592453 0.218 0.827

L11.Precip. horaria 1.462771 0.686182 2.132 0.033

L11.Temp. prom aire -0.057052 0.077912 -0.732 0.464

L12.Conduct -174.072086 463.023872 -0.376 0.707

L12.Water 701.345005 1039.191303 0.675 0.500

L12.Temp -121.035000 591.339172 -0.205 0.838

L12.Precip. horaria -0.168408 0.676868 -0.249 0.804

L12.Temp. prom aire -0.089725 0.078323 -1.146 0.252

L13.Conduct 5.240586 468.247124 0.011 0.991

L13.Water -9.818565 1062.169414 -0.009 0.993

L13.Temp 34.291079 608.361211 0.056 0.955

L13.Precip. horaria -0.743466 0.661665 -1.124 0.261

L13.Temp. prom aire 0.060252 0.078961 0.763 0.445

L14.Conduct 187.885516 491.038877 0.383 0.702

L14.Water -796.728662 1122.218633 -0.710 0.478

L14.Temp 263.145463 619.552557 0.425 0.671

L14.Precip. horaria 0.255761 0.654703 0.391 0.696

L14.Temp. prom aire 0.050625 0.077741 0.651 0.515

L15.Conduct -391.166040 529.443808 -0.739 0.460

L15.Water 1478.084124 1217.156121 1.214 0.225

L15.Temp -571.840258 626.500389 -0.913 0.361

L15.Precip. horaria -0.188846 0.647447 -0.292 0.771

L15.Temp. prom aire -0.066873 0.077878 -0.859 0.391

L16.Conduct 569.788464 564.742219 1.009 0.313

L16.Water -1961.045027 1306.022505 -1.502 0.133

L16.Temp 624.713510 622.415402 1.004 0.316

L16.Precip. horaria -0.121715 0.635136 -0.192 0.848

L16.Temp. prom aire -0.081651 0.075802 -1.077 0.281

L17.Conduct -673.592276 580.735024 -1.160 0.246

L17.Water 2270.462229 1345.091146 1.688 0.091

L17.Temp -430.364327 630.687605 -0.682 0.495

L17.Precip. horaria 0.007139 0.623005 0.011 0.991

L17.Temp. prom aire 0.162455 0.075623 2.148 0.032

L18.Conduct 685.406444 579.315575 1.183 0.237

L18.Water -2247.393290 1336.008193 -1.682 0.093

L18.Temp 295.316733 675.217964 0.437 0.662

L18.Precip. horaria 0.972014 0.624655 1.556 0.120

L18.Temp. prom aire -0.074661 0.076394 -0.977 0.328

L19.Conduct -568.839606 569.983710 -0.998 0.318

L19.Water 1614.508089 1316.623983 1.226 0.220

L19.Temp -425.541744 722.928289 -0.589 0.556

L19.Precip. horaria 0.121633 0.632140 0.192 0.847

L19.Temp. prom aire -0.099833 0.077100 -1.295 0.195

L20.Conduct 322.523726 558.225688 0.578 0.563

L20.Water -500.075597 1306.364850 -0.383 0.702

L20.Temp 492.453382 749.071299 0.657 0.511

L20.Precip. horaria -0.020274 0.626590 -0.032 0.974

L20.Temp. prom aire -0.075271 0.076558 -0.983 0.326

L21.Conduct 11.655028 551.569446 0.021 0.983

L21.Water -679.551586 1308.262757 -0.519 0.603

L21.Temp -59.901887 766.891872 -0.078 0.938

L21.Precip. horaria 0.535977 0.618831 0.866 0.386

L21.Temp. prom aire 0.112722 0.075533 1.492 0.136

L22.Conduct -374.291576 561.035252 -0.667 0.505

L22.Water 1634.476416 1344.989026 1.215 0.224

L22.Temp -651.553491 777.611135 -0.838 0.402

L22.Precip. horaria -0.032220 0.626326 -0.051 0.959

L22.Temp. prom aire -0.023140 0.076083 -0.304 0.761

L23.Conduct 663.724292 578.604282 1.147 0.251

L23.Water -2261.784702 1392.572343 -1.624 0.104

L23.Temp 1027.821513 761.295279 1.350 0.177

L23.Precip. horaria 0.474789 0.623929 0.761 0.447

L23.Temp. prom aire -0.010646 0.077978 -0.137 0.891

L24.Conduct -841.532801 580.480346 -1.450 0.147

L24.Water 2623.679396 1389.492246 1.888 0.059

L24.Temp -837.719593 727.717792 -1.151 0.250

L24.Precip. horaria 0.418365 0.608997 0.687 0.492

L24.Temp. prom aire -0.115415 0.078277 -1.474 0.140

L25.Conduct 914.029055 563.413526 1.622 0.105

L25.Water -2704.202371 1335.366361 -2.025 0.043

L25.Temp 425.461073 726.692676 0.585 0.558

L25.Precip. horaria -0.628778 0.603250 -1.042 0.297

L25.Temp. prom aire -0.029637 0.080689 -0.367 0.713

L26.Conduct -832.378609 547.054483 -1.522 0.128

L26.Water 2315.177908 1295.557538 1.787 0.074

L26.Temp -241.110781 756.171695 -0.319 0.750

L26.Precip. horaria 1.109365 0.588839 1.884 0.060

L26.Temp. prom aire -0.029550 0.083432 -0.354 0.723

L27.Conduct 595.801148 542.763259 1.098 0.272

L27.Water -1439.469084 1291.482610 -1.115 0.265

L27.Temp 227.062631 766.441019 0.296 0.767

L27.Precip. horaria -0.140266 0.589868 -0.238 0.812

L27.Temp. prom aire 0.107679 0.083805 1.285 0.199

L28.Conduct -272.385449 548.694272 -0.496 0.620

L28.Water 358.989957 1302.603775 0.276 0.783

L28.Temp 18.139994 755.707198 0.024 0.981

L28.Precip. horaria -1.038246 0.586449 -1.770 0.077

L28.Temp. prom aire -0.179174 0.082447 -2.173 0.030

L29.Conduct -43.053971 560.407187 -0.077 0.939

L29.Water 533.059304 1324.962254 0.402 0.687

L29.Temp -511.342840 744.264154 -0.687 0.492

L29.Precip. horaria -0.110952 0.592452 -0.187 0.851

L29.Temp. prom aire -0.055943 0.081814 -0.684 0.494

L30.Conduct 264.676720 565.189442 0.468 0.640

L30.Water -1090.075666 1336.509344 -0.816 0.415

L30.Temp 813.067093 720.190394 1.129 0.259

L30.Precip. horaria 0.389835 0.592000 0.659 0.510

L30.Temp. prom aire 0.019987 0.082821 0.241 0.809

L31.Conduct -424.883836 541.990471 -0.784 0.433

L31.Water 1527.360542 1281.058878 1.192 0.233

L31.Temp -618.512731 668.376077 -0.925 0.355

L31.Precip. horaria -0.200231 0.595431 -0.336 0.737

L31.Temp. prom aire -0.026606 0.084285 -0.316 0.752

L32.Conduct 563.610288 485.078450 1.162 0.245

L32.Water -1900.680170 1140.721709 -1.666 0.096

L32.Temp 199.366936 619.935328 0.322 0.748

L32.Precip. horaria 0.819055 0.585837 1.398 0.162

L32.Temp. prom aire -0.062168 0.084602 -0.735 0.462

L33.Conduct -611.626970 417.125228 -1.466 0.143

L33.Water 1949.006653 986.520672 1.976 0.048

L33.Temp -69.574767 607.723126 -0.114 0.909

L33.Precip. horaria 0.088901 0.585241 0.152 0.879

L33.Temp. prom aire 0.255522 0.085261 2.997 0.003

L34.Conduct 521.476160 372.520115 1.400 0.162

L34.Water -1543.683240 903.791834 -1.708 0.088

L34.Temp 232.465425 606.808964 0.383 0.702

L34.Precip. horaria 0.085229 0.599524 0.142 0.887

L34.Temp. prom aire -0.127222 0.084276 -1.510 0.131

L35.Conduct -322.568778 360.516188 -0.895 0.371

L35.Water 821.381423 891.321205 0.922 0.357

L35.Temp -246.965609 601.325762 -0.411 0.681

L35.Precip. horaria -0.058864 0.612394 -0.096 0.923

L35.Temp. prom aire -0.082352 0.084812 -0.971 0.332

L36.Conduct 99.272677 358.904953 0.277 0.782

L36.Water -57.224103 893.851190 -0.064 0.949

L36.Temp -40.454732 596.099630 -0.068 0.946

L36.Precip. horaria 0.814484 0.604111 1.348 0.178

L36.Temp. prom aire 0.162474 0.085121 1.909 0.056

L37.Conduct 52.298984 347.344864 0.151 0.880

L37.Water -523.395393 874.237774 -0.599 0.549

L37.Temp 323.116390 579.799286 0.557 0.577

L37.Precip. horaria -0.237543 0.612071 -0.388 0.698

L37.Temp. prom aire -0.078401 0.086053 -0.911 0.362

L38.Conduct -105.129114 308.388964 -0.341 0.733

L38.Water 858.218256 790.855792 1.085 0.278

L38.Temp -324.065826 530.267492 -0.611 0.541

L38.Precip. horaria 0.158943 0.648912 0.245 0.807

L38.Temp. prom aire 0.009377 0.085439 0.110 0.913

L39.Conduct 79.960219 231.926402 0.345 0.730

L39.Water -923.792182 616.017450 -1.500 0.134

L39.Temp 167.839983 444.931573 0.377 0.706

L39.Precip. horaria -0.240453 0.680681 -0.353 0.724

L39.Temp. prom aire -0.070245 0.084916 -0.827 0.408

L40.Conduct -24.546258 134.377745 -0.183 0.855

L40.Water 748.066683 406.602235 1.840 0.066

L40.Temp -135.015624 367.283565 -0.368 0.713

L40.Precip. horaria 1.138399 0.663524 1.716 0.086

L40.Temp. prom aire -0.020096 0.082162 -0.245 0.807

L41.Conduct -2.090916 57.965489 -0.036 0.971

L41.Water -462.975902 283.289070 -1.634 0.102

L41.Temp 220.595536 337.258077 0.654 0.513

L41.Precip. horaria -0.177638 0.732406 -0.243 0.808

L41.Temp. prom aire 0.104060 0.082506 1.261 0.207

L42.Conduct 4.038647 36.144597 0.112 0.911

L42.Water 193.911681 260.242510 0.745 0.456

L42.Temp -201.565930 335.787408 -0.600 0.548

L42.Precip. horaria -0.571150 0.822239 -0.695 0.487

L42.Temp. prom aire -0.046744 0.081862 -0.571 0.568

L43.Conduct -14.624718 35.401389 -0.413 0.680

L43.Water -18.489923 256.519865 -0.072 0.943

L43.Temp -8.836685 337.948247 -0.026 0.979

L43.Precip. horaria -0.820995 0.846062 -0.970 0.332

L43.Temp. prom aire 0.043935 0.081577 0.539 0.590

L44.Conduct 27.861980 33.485382 0.832 0.405

L44.Water -60.186544 248.080250 -0.243 0.808

L44.Temp 257.326205 328.462444 0.783 0.433

L44.Precip. horaria -0.658007 0.855911 -0.769 0.442

L44.Temp. prom aire 0.063365 0.082390 0.769 0.442

L45.Conduct -29.669309 31.394979 -0.945 0.345

L45.Water 101.543635 220.156469 0.461 0.645

L45.Temp -346.619504 286.121985 -1.211 0.226

L45.Precip. horaria 0.051638 0.877636 0.059 0.953

L45.Temp. prom aire 0.023701 0.082151 0.289 0.773

L46.Conduct 21.424615 27.414377 0.782 0.435

L46.Water -109.283884 158.178428 -0.691 0.490

L46.Temp 254.052546 197.384673 1.287 0.198

L46.Precip. horaria -1.232484 0.914663 -1.347 0.178

L46.Temp. prom aire -0.072210 0.082252 -0.878 0.380

L47.Conduct -9.732469 16.915189 -0.575 0.565

L47.Water 64.465393 76.056977 0.848 0.397

L47.Temp -108.219341 90.541645 -1.195 0.232

L47.Precip. horaria 0.971012 0.917436 1.058 0.290

L47.Temp. prom aire 0.007602 0.082479 0.092 0.927

L48.Conduct 1.994758 4.675796 0.427 0.670

L48.Water -15.482418 17.275177 -0.896 0.370

L48.Temp 20.957653 19.826746 1.057 0.290

L48.Precip. horaria 1.292130 0.890795 1.451 0.147

L48.Temp. prom aire -0.100589 0.075308 -1.336 0.182

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.818446 0.250912 -0.031508 -0.111286

Water 0.818446 1.000000 0.065851 -0.060006 -0.017409

Temp 0.250912 0.065851 1.000000 -0.068382 -0.152442

Precip. horaria -0.031508 -0.060006 -0.068382 1.000000 0.039520

Temp. prom aire -0.111286 -0.017409 -0.152442 0.039520 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -18.8486

Nobs: 440.000 HQIC: -25.6255

Log likelihood: 4692.32 FPE: 1.76260e-13

AIC: -30.0408 Det(Omega\_mle): 1.98464e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.106876 0.060026 1.780 0.075

L1.Conduct 4.769273 0.159012 29.993 0.000

L1.Water -1.239148 0.535859 -2.312 0.021

L1.Temp -0.227049 0.138644 -1.638 0.101

L1.Precip. horaria 0.004600 0.009059 0.508 0.612

L1.Temp. prom aire 0.000325 0.000868 0.375 0.708

L2.Conduct -10.360349 0.741902 -13.965 0.000

L2.Water 6.143013 2.452109 2.505 0.012

L2.Temp 1.021332 0.551570 1.852 0.064

L2.Precip. horaria -0.004225 0.009033 -0.468 0.640

L2.Temp. prom aire -0.000036 0.000919 -0.039 0.969

L3.Conduct 14.180250 1.642601 8.633 0.000

L3.Water -14.340388 5.311635 -2.700 0.007

L3.Temp -2.042570 1.031829 -1.980 0.048

L3.Precip. horaria -0.015224 0.008878 -1.715 0.086

L3.Temp. prom aire 0.000712 0.000888 0.802 0.422

L4.Conduct -14.301322 2.414884 -5.922 0.000

L4.Water 21.435032 7.644841 2.804 0.005

L4.Temp 2.313558 1.309280 1.767 0.077

L4.Precip. horaria -0.001684 0.008671 -0.194 0.846

L4.Temp. prom aire -0.000683 0.000890 -0.768 0.443

L5.Conduct 11.476801 2.809372 4.085 0.000

L5.Water -23.332583 8.746813 -2.668 0.008

L5.Temp -1.639669 1.384934 -1.184 0.236

L5.Precip. horaria 0.000773 0.008793 0.088 0.930

L5.Temp. prom aire 0.001314 0.000890 1.476 0.140

L6.Conduct -7.238320 2.913186 -2.485 0.013

L6.Water 19.424573 8.955970 2.169 0.030

L6.Temp 1.028233 1.417286 0.725 0.468

L6.Precip. horaria 0.007503 0.008654 0.867 0.386

L6.Temp. prom aire -0.001987 0.000905 -2.196 0.028

L7.Conduct 1.555397 2.920684 0.533 0.594

L7.Water -11.513346 8.935770 -1.288 0.198

L7.Temp -1.045155 1.597058 -0.654 0.513

L7.Precip. horaria 0.005408 0.009180 0.589 0.556

L7.Temp. prom aire 0.000953 0.000924 1.031 0.302

L8.Conduct 6.454503 2.931455 2.202 0.028

L8.Water 0.760507 9.085729 0.084 0.933

L8.Temp 0.891818 2.050250 0.435 0.664

L8.Precip. horaria 0.001255 0.008820 0.142 0.887

L8.Temp. prom aire -0.000186 0.000943 -0.198 0.843

L9.Conduct -14.612190 3.072549 -4.756 0.000

L9.Water 12.529642 9.760826 1.284 0.199

L9.Temp 0.095995 2.697001 0.036 0.972

L9.Precip. horaria 0.011400 0.009033 1.262 0.207

L9.Temp. prom aire -0.000754 0.000925 -0.815 0.415

L10.Conduct 19.157299 3.513865 5.452 0.000

L10.Water -25.242911 11.332143 -2.228 0.026

L10.Temp -1.249924 3.291013 -0.380 0.704

L10.Precip. horaria 0.017830 0.009631 1.851 0.064

L10.Temp. prom aire 0.000106 0.000934 0.113 0.910

L11.Conduct -18.843351 3.951477 -4.769 0.000

L11.Water 32.351604 12.770857 2.533 0.011

L11.Temp 1.711065 3.581288 0.478 0.633

L11.Precip. horaria -0.014857 0.009824 -1.512 0.130

L11.Temp. prom aire 0.002280 0.000951 2.397 0.017

L12.Conduct 15.344755 4.057587 3.782 0.000

L12.Water -32.650941 13.054134 -2.501 0.012

L12.Temp -1.727534 3.566725 -0.484 0.628

L12.Precip. horaria 0.000510 0.009398 0.054 0.957

L12.Temp. prom aire -0.000326 0.000961 -0.340 0.734

L13.Conduct -11.991501 3.957151 -3.030 0.002

L13.Water 29.233936 12.577947 2.324 0.020

L13.Temp 1.870276 3.452895 0.542 0.588

L13.Precip. horaria 0.008713 0.009410 0.926 0.354

L13.Temp. prom aire 0.001701 0.000929 1.831 0.067

L14.Conduct 9.233132 3.899660 2.368 0.018

L14.Water -24.859823 12.179722 -2.041 0.041

L14.Temp -1.424576 3.440965 -0.414 0.679

L14.Precip. horaria -0.002070 0.009505 -0.218 0.828

L14.Temp. prom aire -0.000119 0.000932 -0.128 0.898

L15.Conduct -3.893225 3.904060 -0.997 0.319

L15.Water 17.946881 11.952533 1.502 0.133

L15.Temp -1.025698 3.649419 -0.281 0.779

L15.Precip. horaria 0.004495 0.009614 0.468 0.640

L15.Temp. prom aire 0.000490 0.000928 0.528 0.598

L16.Conduct -4.211370 3.906344 -1.078 0.281

L16.Water -4.865251 11.806653 -0.412 0.680

L16.Temp 4.957648 4.061421 1.221 0.222

L16.Precip. horaria -0.007103 0.009768 -0.727 0.467

L16.Temp. prom aire 0.000404 0.000912 0.443 0.658

L17.Conduct 11.558274 4.010037 2.882 0.004

L17.Water -12.482550 12.338296 -1.012 0.312

L17.Temp -8.066109 4.572290 -1.764 0.078

L17.Precip. horaria 0.008334 0.009688 0.860 0.390

L17.Temp. prom aire 0.000610 0.000912 0.668 0.504

L18.Conduct -15.317191 4.197552 -3.649 0.000

L18.Water 27.080204 13.394583 2.022 0.043

L18.Temp 8.996957 4.967866 1.811 0.070

L18.Precip. horaria -0.004064 0.009876 -0.412 0.681

L18.Temp. prom aire -0.001150 0.000916 -1.256 0.209

L19.Conduct 15.770983 4.258666 3.703 0.000

L19.Water -35.076565 13.877490 -2.528 0.011

L19.Temp -7.987100 5.104152 -1.565 0.118

L19.Precip. horaria 0.003119 0.009872 0.316 0.752

L19.Temp. prom aire 0.001113 0.000908 1.225 0.220

L20.Conduct -15.861375 4.193324 -3.783 0.000

L20.Water 38.654127 13.532105 2.856 0.004

L20.Temp 5.838834 5.076781 1.150 0.250

L20.Precip. horaria -0.003470 0.010044 -0.346 0.730

L20.Temp. prom aire -0.000193 0.000900 -0.215 0.830

L21.Conduct 15.618150 4.178323 3.738 0.000

L21.Water -40.901464 13.070860 -3.129 0.002

L21.Temp -2.954892 4.971205 -0.594 0.552

L21.Precip. horaria 0.020731 0.010323 2.008 0.045

L21.Temp. prom aire 0.000402 0.000906 0.444 0.657

L22.Conduct -11.682464 4.300931 -2.716 0.007

L22.Water 39.333667 13.122150 2.998 0.003

L22.Temp -0.830681 4.821434 -0.172 0.863

L22.Precip. horaria 0.002851 0.010520 0.271 0.786

L22.Temp. prom aire 0.000372 0.000908 0.410 0.682

L23.Conduct 4.294017 4.485263 0.957 0.338

L23.Water -28.907617 13.697133 -2.110 0.035

L23.Temp 4.999959 4.784695 1.045 0.296

L23.Precip. horaria 0.000896 0.009941 0.090 0.928

L23.Temp. prom aire 0.001493 0.000900 1.660 0.097

L24.Conduct 2.182546 4.699277 0.464 0.642

L24.Water 12.241818 14.697683 0.833 0.405

L24.Temp -8.037269 5.075255 -1.584 0.113

L24.Precip. horaria 0.004521 0.009466 0.478 0.633

L24.Temp. prom aire -0.000892 0.000912 -0.978 0.328

L25.Conduct -4.159635 4.887994 -0.851 0.395

L25.Water 2.044841 15.670393 0.130 0.896

L25.Temp 8.823670 5.619718 1.570 0.116

L25.Precip. horaria -0.003942 0.009183 -0.429 0.668

L25.Temp. prom aire 0.000058 0.000923 0.063 0.950

L26.Conduct 2.666095 4.930456 0.541 0.589

L26.Water -10.900800 16.076217 -0.678 0.498

L26.Temp -7.900071 6.031762 -1.310 0.190

L26.Precip. horaria -0.006576 0.009368 -0.702 0.483

L26.Temp. prom aire 0.000210 0.000946 0.222 0.824

L27.Conduct -2.246699 4.766580 -0.471 0.637

L27.Water 17.976246 15.750684 1.141 0.254

L27.Temp 7.000431 6.108410 1.146 0.252

L27.Precip. horaria 0.010431 0.009402 1.109 0.267

L27.Temp. prom aire -0.000196 0.000954 -0.206 0.837

L28.Conduct 3.417124 4.534751 0.754 0.451

L28.Water -24.093279 15.027353 -1.603 0.109

L28.Temp -6.477883 5.935386 -1.091 0.275

L28.Precip. horaria 0.002647 0.009373 0.282 0.778

L28.Temp. prom aire 0.000405 0.000946 0.429 0.668

L29.Conduct -2.143217 4.380875 -0.489 0.625

L29.Water 23.467400 14.282431 1.643 0.100

L29.Temp 4.790488 5.629276 0.851 0.395

L29.Precip. horaria 0.003162 0.009086 0.348 0.728

L29.Temp. prom aire -0.001820 0.000950 -1.916 0.055

L30.Conduct -2.232450 4.331747 -0.515 0.606

L30.Water -12.730385 13.756393 -0.925 0.355

L30.Temp -1.408027 5.212953 -0.270 0.787

L30.Precip. horaria 0.020853 0.008897 2.344 0.019

L30.Temp. prom aire -0.000529 0.000960 -0.552 0.581

L31.Conduct 5.488813 4.450161 1.233 0.217

L31.Water -0.624792 13.900006 -0.045 0.964

L31.Temp -2.083249 4.802441 -0.434 0.664

L31.Precip. horaria -0.010600 0.008932 -1.187 0.235

L31.Temp. prom aire 0.000429 0.000973 0.441 0.659

L32.Conduct -3.721507 4.570810 -0.814 0.416

L32.Water 5.530557 14.351017 0.385 0.700

L32.Temp 3.979636 4.669578 0.852 0.394

L32.Precip. horaria 0.011669 0.009240 1.263 0.207

L32.Temp. prom aire 0.001111 0.000973 1.142 0.254

L33.Conduct -1.782177 4.365880 -0.408 0.683

L33.Water -0.203472 13.945576 -0.015 0.988

L33.Temp -4.421083 4.803056 -0.920 0.357

L33.Precip. horaria -0.018946 0.009260 -2.046 0.041

L33.Temp. prom aire 0.000234 0.000961 0.243 0.808

L34.Conduct 5.828483 3.760418 1.550 0.121

L34.Water -8.017578 12.187292 -0.658 0.511

L34.Temp 4.836595 4.901507 0.987 0.324

L34.Precip. horaria 0.001156 0.009334 0.124 0.901

L34.Temp. prom aire -0.000455 0.000960 -0.474 0.635

L35.Conduct -6.320164 3.194559 -1.978 0.048

L35.Water 11.995363 10.278404 1.167 0.243

L35.Temp -5.455141 4.897128 -1.114 0.265

L35.Precip. horaria 0.006198 0.009288 0.667 0.505

L35.Temp. prom aire 0.001062 0.000965 1.101 0.271

L36.Conduct 5.343381 3.081786 1.734 0.083

L36.Water -10.139806 9.697749 -1.046 0.296

L36.Temp 5.101672 4.856322 1.051 0.293

L36.Precip. horaria 0.016309 0.009152 1.782 0.075

L36.Temp. prom aire 0.000283 0.000952 0.297 0.766

L37.Conduct -4.397424 3.179281 -1.383 0.167

L37.Water 4.963288 10.001100 0.496 0.620

L37.Temp -3.298683 4.673856 -0.706 0.480

L37.Precip. horaria -0.010019 0.009273 -1.080 0.280

L37.Temp. prom aire -0.000006 0.000954 -0.007 0.995

L38.Conduct 2.971390 3.252333 0.914 0.361

L38.Water 1.702924 10.350269 0.165 0.869

L38.Temp 1.086405 4.193495 0.259 0.796

L38.Precip. horaria 0.002945 0.009560 0.308 0.758

L38.Temp. prom aire 0.000132 0.000950 0.139 0.890

L39.Conduct -0.217821 3.226225 -0.068 0.946

L39.Water -9.451207 10.311969 -0.917 0.359

L39.Temp -0.137321 3.486023 -0.039 0.969

L39.Precip. horaria 0.002160 0.009730 0.222 0.824

L39.Temp. prom aire -0.000054 0.000935 -0.058 0.954

L40.Conduct -2.904657 3.075397 -0.944 0.345

L40.Water 15.640651 9.641871 1.622 0.105

L40.Temp 0.620230 2.912948 0.213 0.831

L40.Precip. horaria -0.001331 0.009694 -0.137 0.891

L40.Temp. prom aire -0.000151 0.000930 -0.162 0.871

L41.Conduct 4.192534 2.815971 1.489 0.137

L41.Water -16.948034 8.420443 -2.013 0.044

L41.Temp -0.822887 2.726598 -0.302 0.763

L41.Precip. horaria -0.002162 0.009804 -0.221 0.825

L41.Temp. prom aire 0.000942 0.000940 1.003 0.316

L42.Conduct -3.534327 2.503100 -1.412 0.158

L42.Water 13.525553 7.182844 1.883 0.060

L42.Temp -0.158547 2.737961 -0.058 0.954

L42.Precip. horaria 0.004647 0.010215 0.455 0.649

L42.Temp. prom aire -0.000833 0.000929 -0.898 0.369

L43.Conduct 2.749621 2.224675 1.236 0.216

L43.Water -8.206831 6.335901 -1.295 0.195

L43.Temp 1.368557 2.760492 0.496 0.620

L43.Precip. horaria 0.000320 0.010836 0.030 0.976

L43.Temp. prom aire 0.000978 0.000936 1.045 0.296

L44.Conduct -2.745544 1.969747 -1.394 0.163

L44.Water 3.810429 5.690868 0.670 0.503

L44.Temp -1.663049 2.678576 -0.621 0.535

L44.Precip. horaria 0.008900 0.011097 0.802 0.423

L44.Temp. prom aire -0.000559 0.000945 -0.592 0.554

L45.Conduct 2.904954 1.621216 1.792 0.073

L45.Water -1.294995 4.799372 -0.270 0.787

L45.Temp 1.070768 2.318824 0.462 0.644

L45.Precip. horaria 0.000230 0.010834 0.021 0.983

L45.Temp. prom aire -0.000321 0.000954 -0.336 0.737

L46.Conduct -2.301568 1.102929 -2.087 0.037

L46.Water 0.074544 3.317813 0.022 0.982

L46.Temp -0.454716 1.605622 -0.283 0.777

L46.Precip. horaria 0.008983 0.011265 0.797 0.425

L46.Temp. prom aire 0.000534 0.000959 0.557 0.578

L47.Conduct 1.080272 0.514838 2.098 0.036

L47.Water 0.265399 1.537988 0.173 0.863

L47.Temp 0.180998 0.752857 0.240 0.810

L47.Precip. horaria 0.017652 0.011027 1.601 0.109

L47.Temp. prom aire 0.001500 0.000956 1.569 0.117

L48.Conduct -0.219101 0.115094 -1.904 0.057

L48.Water -0.111946 0.335847 -0.333 0.739

L48.Temp -0.053195 0.170118 -0.313 0.755

L48.Precip. horaria -0.005140 0.010885 -0.472 0.637

L48.Temp. prom aire -0.000765 0.000879 -0.871 0.384

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.026405 0.017856 1.479 0.139

L1.Conduct 0.054977 0.047300 1.162 0.245

L1.Water 4.197904 0.159398 26.336 0.000

L1.Temp -0.105637 0.041242 -2.561 0.010

L1.Precip. horaria 0.002300 0.002695 0.854 0.393

L1.Temp. prom aire 0.000063 0.000258 0.246 0.806

L2.Conduct -0.321368 0.220689 -1.456 0.145

L2.Water -7.405971 0.729412 -10.153 0.000

L2.Temp 0.472403 0.164072 2.879 0.004

L2.Precip. horaria -0.004369 0.002687 -1.626 0.104

L2.Temp. prom aire 0.000083 0.000273 0.303 0.762

L3.Conduct 0.900486 0.488613 1.843 0.065

L3.Water 6.886527 1.580017 4.359 0.000

L3.Temp -0.928725 0.306931 -3.026 0.002

L3.Precip. horaria -0.004725 0.002641 -1.789 0.074

L3.Temp. prom aire 0.000029 0.000264 0.109 0.914

L4.Conduct -1.591920 0.718339 -2.216 0.027

L4.Water -2.659572 2.274060 -1.170 0.242

L4.Temp 1.028214 0.389463 2.640 0.008

L4.Precip. horaria 0.000340 0.002579 0.132 0.895

L4.Temp. prom aire -0.000049 0.000265 -0.187 0.852

L5.Conduct 1.966751 0.835685 2.353 0.019

L5.Water -2.084168 2.601856 -0.801 0.423

L5.Temp -0.698476 0.411967 -1.695 0.090

L5.Precip. horaria 0.002310 0.002616 0.883 0.377

L5.Temp. prom aire 0.000018 0.000265 0.067 0.946

L6.Conduct -1.744565 0.866566 -2.013 0.044

L6.Water 4.729015 2.664073 1.775 0.076

L6.Temp 0.372256 0.421591 0.883 0.377

L6.Precip. horaria -0.001332 0.002574 -0.518 0.605

L6.Temp. prom aire -0.000184 0.000269 -0.685 0.493

L7.Conduct 0.982219 0.868796 1.131 0.258

L7.Water -5.748199 2.658064 -2.163 0.031

L7.Temp -0.297712 0.475066 -0.627 0.531

L7.Precip. horaria 0.001622 0.002731 0.594 0.552

L7.Temp. prom aire 0.000063 0.000275 0.228 0.820

L8.Conduct 0.040547 0.872000 0.046 0.963

L8.Water 7.069832 2.702671 2.616 0.009

L8.Temp 0.145915 0.609874 0.239 0.811

L8.Precip. horaria -0.004061 0.002624 -1.548 0.122

L8.Temp. prom aire -0.000038 0.000280 -0.135 0.892

L9.Conduct -1.091032 0.913971 -1.194 0.233

L9.Water -7.532517 2.903488 -2.594 0.009

L9.Temp 0.383091 0.802259 0.478 0.633

L9.Precip. horaria 0.009325 0.002687 3.470 0.001

L9.Temp. prom aire -0.000153 0.000275 -0.555 0.579

L10.Conduct 2.107713 1.045246 2.016 0.044

L10.Water 4.847597 3.370897 1.438 0.150

L10.Temp -0.912508 0.978956 -0.932 0.351

L10.Precip. horaria 0.002680 0.002865 0.935 0.350

L10.Temp. prom aire 0.000213 0.000278 0.767 0.443

L11.Conduct -2.896490 1.175419 -2.464 0.014

L11.Water 0.033764 3.798862 0.009 0.993

L11.Temp 0.929869 1.065302 0.873 0.383

L11.Precip. horaria -0.004043 0.002922 -1.384 0.166

L11.Temp. prom aire 0.000389 0.000283 1.374 0.169

L12.Conduct 3.119587 1.206983 2.585 0.010

L12.Water -4.185453 3.883126 -1.078 0.281

L12.Temp -0.602611 1.060970 -0.568 0.570

L12.Precip. horaria 0.000233 0.002796 0.083 0.934

L12.Temp. prom aire -0.000071 0.000286 -0.249 0.803

L13.Conduct -2.766468 1.177107 -2.350 0.019

L13.Water 5.431807 3.741478 1.452 0.147

L13.Temp 0.411919 1.027110 0.401 0.688

L13.Precip. horaria 0.000126 0.002799 0.045 0.964

L13.Temp. prom aire 0.000237 0.000276 0.856 0.392

L14.Conduct 2.084931 1.160006 1.797 0.072

L14.Water -5.048317 3.623020 -1.393 0.163

L14.Temp -0.312398 1.023561 -0.305 0.760

L14.Precip. horaria -0.001285 0.002827 -0.454 0.650

L14.Temp. prom aire 0.000173 0.000277 0.622 0.534

L15.Conduct -1.237300 1.161315 -1.065 0.287

L15.Water 5.987678 3.555440 1.684 0.092

L15.Temp -0.253125 1.085568 -0.233 0.816

L15.Precip. horaria 0.000961 0.002860 0.336 0.737

L15.Temp. prom aire -0.000042 0.000276 -0.152 0.879

L16.Conduct 0.191529 1.161994 0.165 0.869

L16.Water -7.094193 3.512046 -2.020 0.043

L16.Temp 1.426243 1.208124 1.181 0.238

L16.Precip. horaria -0.003235 0.002906 -1.114 0.265

L16.Temp. prom aire 0.000152 0.000271 0.561 0.575

L17.Conduct 1.226008 1.192839 1.028 0.304

L17.Water 5.140774 3.670190 1.401 0.161

L17.Temp -2.515659 1.360088 -1.850 0.064

L17.Precip. horaria 0.003471 0.002882 1.204 0.228

L17.Temp. prom aire -0.000065 0.000271 -0.238 0.812

L18.Conduct -2.719490 1.248618 -2.178 0.029

L18.Water -0.399719 3.984397 -0.100 0.920

L18.Temp 2.821069 1.477758 1.909 0.056

L18.Precip. horaria -0.002490 0.002938 -0.847 0.397

L18.Temp. prom aire -0.000188 0.000273 -0.691 0.490

L19.Conduct 3.540917 1.266797 2.795 0.005

L19.Water -3.783663 4.128044 -0.917 0.359

L19.Temp -2.344438 1.518298 -1.544 0.123

L19.Precip. horaria -0.002547 0.002937 -0.867 0.386

L19.Temp. prom aire 0.000227 0.000270 0.840 0.401

L20.Conduct -3.541914 1.247360 -2.840 0.005

L20.Water 5.197908 4.025305 1.291 0.197

L20.Temp 1.581729 1.510156 1.047 0.295

L20.Precip. horaria 0.004219 0.002988 1.412 0.158

L20.Temp. prom aire -0.000183 0.000268 -0.683 0.495

L21.Conduct 3.110718 1.242898 2.503 0.012

L21.Water -5.747798 3.888101 -1.478 0.139

L21.Temp -0.841298 1.478751 -0.569 0.569

L21.Precip. horaria 0.004787 0.003071 1.559 0.119

L21.Temp. prom aire 0.000138 0.000269 0.511 0.609

L22.Conduct -2.398251 1.279369 -1.875 0.061

L22.Water 7.600734 3.903358 1.947 0.052

L22.Temp -0.121805 1.434200 -0.085 0.932

L22.Precip. horaria 0.001364 0.003129 0.436 0.663

L22.Temp. prom aire 0.000202 0.000270 0.747 0.455

L23.Conduct 1.462189 1.334201 1.096 0.273

L23.Water -8.805412 4.074395 -2.161 0.031

L23.Temp 1.440788 1.423271 1.012 0.311

L23.Precip. horaria -0.000435 0.002957 -0.147 0.883

L23.Temp. prom aire 0.000255 0.000268 0.952 0.341

L24.Conduct -0.627358 1.397863 -0.449 0.654

L24.Water 7.172614 4.372022 1.641 0.101

L24.Temp -2.528128 1.509702 -1.675 0.094

L24.Precip. horaria 0.002095 0.002816 0.744 0.457

L24.Temp. prom aire -0.000188 0.000271 -0.693 0.488

L25.Conduct 0.299762 1.453999 0.206 0.837

L25.Water -3.655761 4.661367 -0.784 0.433

L25.Temp 2.734257 1.671660 1.636 0.102

L25.Precip. horaria -0.003359 0.002732 -1.230 0.219

L25.Temp. prom aire -0.000031 0.000275 -0.112 0.911

L26.Conduct -0.346755 1.466630 -0.236 0.813

L26.Water 0.225419 4.782085 0.047 0.962

L26.Temp -2.222019 1.794228 -1.238 0.216

L26.Precip. horaria 0.000477 0.002787 0.171 0.864

L26.Temp. prom aire 0.000126 0.000282 0.447 0.655

L27.Conduct 0.068152 1.417883 0.048 0.962

L27.Water 2.404146 4.685251 0.513 0.608

L27.Temp 1.773373 1.817028 0.976 0.329

L27.Precip. horaria 0.001754 0.002797 0.627 0.530

L27.Temp. prom aire -0.000222 0.000284 -0.782 0.434

L28.Conduct 0.690830 1.348922 0.512 0.609

L28.Water -5.042314 4.470086 -1.128 0.259

L28.Temp -1.714562 1.765560 -0.971 0.331

L28.Precip. horaria -0.001841 0.002788 -0.660 0.509

L28.Temp. prom aire 0.000250 0.000281 0.889 0.374

L29.Conduct -1.251819 1.303150 -0.961 0.337

L29.Water 7.652144 4.248499 1.801 0.072

L29.Temp 1.504026 1.674503 0.898 0.369

L29.Precip. horaria 0.002237 0.002703 0.828 0.408

L29.Temp. prom aire -0.000441 0.000283 -1.559 0.119

L30.Conduct 1.206677 1.288536 0.936 0.349

L30.Water -8.375800 4.092022 -2.047 0.041

L30.Temp -0.718757 1.550662 -0.464 0.643

L30.Precip. horaria 0.003135 0.002647 1.184 0.236

L30.Temp. prom aire -0.000249 0.000285 -0.873 0.383

L31.Conduct -0.906730 1.323760 -0.685 0.493

L31.Water 6.504929 4.134742 1.573 0.116

L31.Temp -0.280434 1.428550 -0.196 0.844

L31.Precip. horaria 0.001026 0.002657 0.386 0.699

L31.Temp. prom aire 0.000015 0.000289 0.051 0.959

L32.Conduct 0.935406 1.359648 0.688 0.491

L32.Water -3.732531 4.268901 -0.874 0.382

L32.Temp 0.935929 1.389028 0.674 0.500

L32.Precip. horaria 0.002043 0.002748 0.743 0.457

L32.Temp. prom aire 0.000264 0.000290 0.911 0.362

L33.Conduct -1.353886 1.298689 -1.043 0.297

L33.Water 2.079812 4.148297 0.501 0.616

L33.Temp -1.172017 1.428733 -0.820 0.412

L33.Precip. horaria -0.007586 0.002754 -2.754 0.006

L33.Temp. prom aire 0.000374 0.000286 1.308 0.191

L34.Conduct 1.546995 1.118586 1.383 0.167

L34.Water -1.753813 3.625272 -0.484 0.629

L34.Temp 1.378222 1.458018 0.945 0.345

L34.Precip. horaria -0.000309 0.002777 -0.111 0.911

L34.Temp. prom aire -0.000076 0.000286 -0.265 0.791

L35.Conduct -1.126902 0.950264 -1.186 0.236

L35.Water 1.091018 3.057448 0.357 0.721

L35.Temp -1.751791 1.456716 -1.203 0.229

L35.Precip. horaria 0.001658 0.002763 0.600 0.548

L35.Temp. prom aire 0.000241 0.000287 0.841 0.400

L36.Conduct 0.454277 0.916718 0.496 0.620

L36.Water 0.897809 2.884725 0.311 0.756

L36.Temp 1.910102 1.444578 1.322 0.186

L36.Precip. horaria 0.003366 0.002722 1.237 0.216

L36.Temp. prom aire 0.000012 0.000283 0.042 0.966

L37.Conduct 0.028951 0.945719 0.031 0.976

L37.Water -3.108302 2.974961 -1.045 0.296

L37.Temp -1.453837 1.390301 -1.046 0.296

L37.Precip. horaria -0.001218 0.002758 -0.442 0.659

L37.Temp. prom aire -0.000033 0.000284 -0.118 0.906

L38.Conduct -0.361920 0.967450 -0.374 0.708

L38.Water 4.389105 3.078826 1.426 0.154

L38.Temp 0.583115 1.247411 0.467 0.640

L38.Precip. horaria -0.001478 0.002844 -0.520 0.603

L38.Temp. prom aire 0.000024 0.000283 0.085 0.933

L39.Conduct 0.846048 0.959683 0.882 0.378

L39.Water -4.977747 3.067433 -1.623 0.105

L39.Temp 0.062777 1.036964 0.061 0.952

L39.Precip. horaria 0.002545 0.002894 0.879 0.379

L39.Temp. prom aire 0.000226 0.000278 0.813 0.416

L40.Conduct -1.466463 0.914818 -1.603 0.109

L40.Water 5.315297 2.868103 1.853 0.064

L40.Temp -0.203526 0.866495 -0.235 0.814

L40.Precip. horaria -0.002194 0.002883 -0.761 0.447

L40.Temp. prom aire -0.000347 0.000277 -1.255 0.209

L41.Conduct 1.810326 0.837648 2.161 0.031

L41.Water -5.266314 2.504773 -2.103 0.036

L41.Temp 0.228744 0.811063 0.282 0.778

L41.Precip. horaria -0.000098 0.002916 -0.034 0.973

L41.Temp. prom aire 0.000392 0.000280 1.401 0.161

L42.Conduct -1.712987 0.744580 -2.301 0.021

L42.Water 4.482088 2.136633 2.098 0.036

L42.Temp -0.464196 0.814443 -0.570 0.569

L42.Precip. horaria 0.002058 0.003039 0.677 0.498

L42.Temp. prom aire -0.000350 0.000276 -1.268 0.205

L43.Conduct 1.430578 0.661759 2.162 0.031

L43.Water -2.833692 1.884698 -1.504 0.133

L43.Temp 0.699351 0.821145 0.852 0.394

L43.Precip. horaria -0.000050 0.003223 -0.016 0.988

L43.Temp. prom aire 0.000366 0.000278 1.316 0.188

L44.Conduct -1.165488 0.585928 -1.989 0.047

L44.Water 0.938772 1.692824 0.555 0.579

L44.Temp -0.615156 0.796778 -0.772 0.440

L44.Precip. horaria -0.000758 0.003301 -0.230 0.818

L44.Temp. prom aire -0.000042 0.000281 -0.149 0.882

L45.Conduct 0.910288 0.482252 1.888 0.059

L45.Water 0.233592 1.427637 0.164 0.870

L45.Temp 0.287831 0.689765 0.417 0.676

L45.Precip. horaria -0.000960 0.003223 -0.298 0.766

L45.Temp. prom aire -0.000027 0.000284 -0.094 0.925

L46.Conduct -0.598378 0.328081 -1.824 0.068

L46.Water -0.461027 0.986928 -0.467 0.640

L46.Temp -0.058299 0.477614 -0.122 0.903

L46.Precip. horaria 0.005658 0.003351 1.689 0.091

L46.Temp. prom aire -0.000050 0.000285 -0.176 0.860

L47.Conduct 0.265912 0.153145 1.736 0.083

L47.Water 0.244308 0.457495 0.534 0.593

L47.Temp 0.012192 0.223947 0.054 0.957

L47.Precip. horaria 0.005552 0.003280 1.693 0.090

L47.Temp. prom aire 0.000538 0.000284 1.891 0.059

L48.Conduct -0.055346 0.034236 -1.617 0.106

L48.Water -0.053482 0.099902 -0.535 0.592

L48.Temp -0.007893 0.050604 -0.156 0.876

L48.Precip. horaria -0.000382 0.003238 -0.118 0.906

L48.Temp. prom aire -0.000197 0.000261 -0.754 0.451

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.052015 0.030686 -1.695 0.090

L1.Conduct 0.053598 0.081288 0.659 0.510

L1.Water -0.082553 0.273936 -0.301 0.763

L1.Temp 3.852115 0.070876 54.350 0.000

L1.Precip. horaria -0.008247 0.004631 -1.781 0.075

L1.Temp. prom aire 0.000947 0.000444 2.134 0.033

L2.Conduct -0.324904 0.379267 -0.857 0.392

L2.Water 0.546304 1.253539 0.436 0.663

L2.Temp -6.264714 0.281967 -22.218 0.000

L2.Precip. horaria 0.004505 0.004618 0.976 0.329

L2.Temp. prom aire -0.000108 0.000470 -0.230 0.818

L3.Conduct 0.875561 0.839712 1.043 0.297

L3.Water -1.495932 2.715353 -0.551 0.582

L3.Temp 5.692662 0.527480 10.792 0.000

L3.Precip. horaria -0.002110 0.004539 -0.465 0.642

L3.Temp. prom aire -0.000053 0.000454 -0.117 0.907

L4.Conduct -1.403820 1.234509 -1.137 0.255

L4.Water 2.084538 3.908108 0.533 0.594

L4.Temp -3.131601 0.669315 -4.679 0.000

L4.Precip. horaria -0.001562 0.004433 -0.352 0.724

L4.Temp. prom aire -0.000341 0.000455 -0.749 0.454

L5.Conduct 1.768884 1.436175 1.232 0.218

L5.Water -2.090736 4.471445 -0.468 0.640

L5.Temp 0.907490 0.707990 1.282 0.200

L5.Precip. horaria -0.001387 0.004495 -0.309 0.758

L5.Temp. prom aire 0.000121 0.000455 0.266 0.790

L6.Conduct -2.380719 1.489246 -1.599 0.110

L6.Water 3.384323 4.578369 0.739 0.460

L6.Temp 0.147912 0.724529 0.204 0.838

L6.Precip. horaria -0.004230 0.004424 -0.956 0.339

L6.Temp. prom aire -0.000403 0.000463 -0.872 0.383

L7.Conduct 3.313527 1.493079 2.219 0.026

L7.Water -7.015510 4.568042 -1.536 0.125

L7.Temp -1.780210 0.816429 -2.180 0.029

L7.Precip. horaria 0.001325 0.004693 0.282 0.778

L7.Temp. prom aire 0.000599 0.000472 1.267 0.205

L8.Conduct -3.882810 1.498585 -2.591 0.010

L8.Water 11.228397 4.644702 2.417 0.016

L8.Temp 5.290906 1.048105 5.048 0.000

L8.Precip. horaria -0.010875 0.004509 -2.412 0.016

L8.Temp. prom aire -0.000980 0.000482 -2.033 0.042

L9.Conduct 3.453718 1.570713 2.199 0.028

L9.Water -13.067361 4.989818 -2.619 0.009

L9.Temp -7.626415 1.378730 -5.531 0.000

L9.Precip. horaria 0.008837 0.004618 1.914 0.056

L9.Temp. prom aire 0.001177 0.000473 2.489 0.013

L10.Conduct -2.119220 1.796318 -1.180 0.238

L10.Water 11.175125 5.793088 1.929 0.054

L10.Temp 5.903714 1.682394 3.509 0.000

L10.Precip. horaria -0.013791 0.004924 -2.801 0.005

L10.Temp. prom aire -0.001117 0.000478 -2.338 0.019

L11.Conduct 0.738144 2.020029 0.365 0.715

L11.Water -8.106404 6.528571 -1.242 0.214

L11.Temp -1.679938 1.830785 -0.918 0.359

L11.Precip. horaria 0.003483 0.005022 0.693 0.488

L11.Temp. prom aire -0.000335 0.000486 -0.688 0.492

L12.Conduct 0.142638 2.074273 0.069 0.945

L12.Water 6.336418 6.673385 0.950 0.342

L12.Temp -1.666048 1.823340 -0.914 0.361

L12.Precip. horaria -0.010553 0.004804 -2.196 0.028

L12.Temp. prom aire -0.000422 0.000491 -0.859 0.390

L13.Conduct -1.027323 2.022929 -0.508 0.612

L13.Water -3.946415 6.429954 -0.614 0.539

L13.Temp 2.082823 1.765150 1.180 0.238

L13.Precip. horaria 0.009152 0.004810 1.903 0.057

L13.Temp. prom aire 0.000332 0.000475 0.699 0.484

L14.Conduct 2.290337 1.993539 1.149 0.251

L14.Water -0.995447 6.226378 -0.160 0.873

L14.Temp -1.735974 1.759051 -0.987 0.324

L14.Precip. horaria -0.006554 0.004859 -1.349 0.177

L14.Temp. prom aire -0.000145 0.000476 -0.304 0.761

L15.Conduct -3.431306 1.995789 -1.719 0.086

L15.Water 6.779747 6.110237 1.110 0.267

L15.Temp 4.152168 1.865614 2.226 0.026

L15.Precip. horaria 0.009433 0.004915 1.919 0.055

L15.Temp. prom aire 0.000633 0.000475 1.334 0.182

L16.Conduct 3.549105 1.996957 1.777 0.076

L16.Water -9.065324 6.035662 -1.502 0.133

L16.Temp -7.421148 2.076233 -3.574 0.000

L16.Precip. horaria -0.006376 0.004993 -1.277 0.202

L16.Temp. prom aire -0.001008 0.000466 -2.162 0.031

L17.Conduct -2.220579 2.049965 -1.083 0.279

L17.Water 5.197884 6.307442 0.824 0.410

L17.Temp 7.177983 2.337394 3.071 0.002

L17.Precip. horaria 0.005945 0.004953 1.200 0.230

L17.Temp. prom aire -0.000519 0.000466 -1.113 0.266

L18.Conduct 0.486692 2.145825 0.227 0.821

L18.Water 0.613185 6.847425 0.090 0.929

L18.Temp -3.019824 2.539616 -1.189 0.234

L18.Precip. horaria -0.013615 0.005049 -2.697 0.007

L18.Temp. prom aire -0.000074 0.000468 -0.158 0.875

L19.Conduct 0.498786 2.177066 0.229 0.819

L19.Water -3.525927 7.094292 -0.497 0.619

L19.Temp -1.393050 2.609286 -0.534 0.593

L19.Precip. horaria 0.008577 0.005047 1.700 0.089

L19.Temp. prom aire 0.000251 0.000464 0.541 0.589

L20.Conduct -1.524774 2.143663 -0.711 0.477

L20.Water 6.281573 6.917728 0.908 0.364

L20.Temp 2.583191 2.595294 0.995 0.320

L20.Precip. horaria -0.016826 0.005135 -3.277 0.001

L20.Temp. prom aire 0.000591 0.000460 1.285 0.199

L21.Conduct 3.968410 2.135994 1.858 0.063

L21.Water -14.092903 6.681935 -2.109 0.035

L21.Temp -2.412271 2.541322 -0.949 0.343

L21.Precip. horaria 0.005020 0.005277 0.951 0.341

L21.Temp. prom aire -0.000550 0.000463 -1.189 0.235

L22.Conduct -7.366987 2.198673 -3.351 0.001

L22.Water 26.394506 6.708155 3.935 0.000

L22.Temp 4.870206 2.464758 1.976 0.048

L22.Precip. horaria -0.003104 0.005378 -0.577 0.564

L22.Temp. prom aire 0.000153 0.000464 0.331 0.741

L23.Conduct 9.455253 2.292905 4.124 0.000

L23.Water -35.302611 7.002091 -5.042 0.000

L23.Temp -8.961368 2.445977 -3.664 0.000

L23.Precip. horaria -0.004065 0.005082 -0.800 0.424

L23.Temp. prom aire -0.000929 0.000460 -2.019 0.043

L24.Conduct -8.636342 2.402311 -3.595 0.000

L24.Water 34.074117 7.513581 4.535 0.000

L24.Temp 10.564589 2.594514 4.072 0.000

L24.Precip. horaria -0.002908 0.004839 -0.601 0.548

L24.Temp. prom aire 0.000515 0.000466 1.104 0.269

L25.Conduct 5.983369 2.498784 2.395 0.017

L25.Water -25.898577 8.010839 -3.233 0.001

L25.Temp -7.632699 2.872848 -2.657 0.008

L25.Precip. horaria 0.002509 0.004695 0.534 0.593

L25.Temp. prom aire 0.000357 0.000472 0.756 0.449

L26.Conduct -3.530935 2.520491 -1.401 0.161

L26.Water 17.623906 8.218299 2.144 0.032

L26.Temp 2.556701 3.083488 0.829 0.407

L26.Precip. horaria -0.001762 0.004789 -0.368 0.713

L26.Temp. prom aire -0.000793 0.000484 -1.639 0.101

L27.Conduct 1.598692 2.436717 0.656 0.512

L27.Water -10.334385 8.051884 -1.283 0.199

L27.Temp 0.228742 3.122671 0.073 0.942

L27.Precip. horaria 0.000050 0.004807 0.010 0.992

L27.Temp. prom aire 0.000422 0.000488 0.865 0.387

L28.Conduct 0.579811 2.318203 0.250 0.803

L28.Water 1.432353 7.682111 0.186 0.852

L28.Temp -0.665426 3.034220 -0.219 0.826

L28.Precip. horaria 0.002845 0.004791 0.594 0.553

L28.Temp. prom aire 0.000324 0.000484 0.669 0.503

L29.Conduct -2.855571 2.239541 -1.275 0.202

L29.Water 8.624895 7.301301 1.181 0.237

L29.Temp 2.230818 2.877734 0.775 0.438

L29.Precip. horaria -0.007839 0.004645 -1.688 0.091

L29.Temp. prom aire -0.000315 0.000486 -0.649 0.516

L30.Conduct 4.050492 2.214426 1.829 0.067

L30.Water -15.026722 7.032386 -2.137 0.033

L30.Temp -5.768723 2.664906 -2.165 0.030

L30.Precip. horaria -0.001036 0.004548 -0.228 0.820

L30.Temp. prom aire 0.000144 0.000491 0.293 0.770

L31.Conduct -3.718700 2.274960 -1.635 0.102

L31.Water 15.399216 7.105802 2.167 0.030

L31.Temp 8.799524 2.455049 3.584 0.000

L31.Precip. horaria -0.002968 0.004566 -0.650 0.516

L31.Temp. prom aire 0.000178 0.000497 0.359 0.720

L32.Conduct 3.102485 2.336637 1.328 0.184

L32.Water -13.931339 7.336363 -1.899 0.058

L32.Temp -8.583927 2.387128 -3.596 0.000

L32.Precip. horaria 0.000868 0.004723 0.184 0.854

L32.Temp. prom aire 0.000023 0.000498 0.046 0.963

L33.Conduct -3.398706 2.231875 -1.523 0.128

L33.Water 14.806506 7.129098 2.077 0.038

L33.Temp 5.771143 2.455364 2.350 0.019

L33.Precip. horaria -0.006237 0.004734 -1.318 0.188

L33.Temp. prom aire 0.000130 0.000491 0.264 0.792

L34.Conduct 4.309366 1.922358 2.242 0.025

L34.Water -17.186886 6.230248 -2.759 0.006

L34.Temp -3.807477 2.505692 -1.520 0.129

L34.Precip. horaria -0.001251 0.004772 -0.262 0.793

L34.Temp. prom aire -0.000036 0.000491 -0.073 0.942

L35.Conduct -4.928159 1.633086 -3.018 0.003

L35.Water 18.297415 5.254408 3.482 0.000

L35.Temp 3.395151 2.503454 1.356 0.175

L35.Precip. horaria -0.001790 0.004748 -0.377 0.706

L35.Temp. prom aire -0.000015 0.000493 -0.030 0.976

L36.Conduct 4.909551 1.575435 3.116 0.002

L36.Water -17.087536 4.957572 -3.447 0.001

L36.Temp -2.311662 2.482594 -0.931 0.352

L36.Precip. horaria -0.010358 0.004678 -2.214 0.027

L36.Temp. prom aire -0.000357 0.000487 -0.733 0.463

L37.Conduct -4.725465 1.625275 -2.907 0.004

L37.Water 15.026540 5.112648 2.939 0.003

L37.Temp -0.454642 2.389315 -0.190 0.849

L37.Precip. horaria 0.016429 0.004740 3.466 0.001

L37.Temp. prom aire -0.000140 0.000488 -0.287 0.774

L38.Conduct 4.702305 1.662621 2.828 0.005

L38.Water -13.231219 5.291146 -2.501 0.012

L38.Temp 3.690844 2.143750 1.722 0.085

L38.Precip. horaria -0.017651 0.004887 -3.612 0.000

L38.Temp. prom aire 0.000424 0.000486 0.874 0.382

L39.Conduct -4.359567 1.649274 -2.643 0.008

L39.Water 10.510770 5.271567 1.994 0.046

L39.Temp -4.993980 1.782085 -2.802 0.005

L39.Precip. horaria -0.002226 0.004974 -0.447 0.655

L39.Temp. prom aire -0.000245 0.000478 -0.512 0.608

L40.Conduct 3.496915 1.572169 2.224 0.026

L40.Water -6.536793 4.929007 -1.326 0.185

L40.Temp 3.650389 1.489124 2.451 0.014

L40.Precip. horaria 0.011093 0.004955 2.239 0.025

L40.Temp. prom aire -0.000250 0.000475 -0.525 0.599

L41.Conduct -2.595712 1.439549 -1.803 0.071

L41.Water 3.063535 4.304603 0.712 0.477

L41.Temp -1.803814 1.393860 -1.294 0.196

L41.Precip. horaria -0.018415 0.005012 -3.674 0.000

L41.Temp. prom aire -0.000507 0.000480 -1.056 0.291

L42.Conduct 1.982203 1.279606 1.549 0.121

L42.Water -1.246827 3.671931 -0.340 0.734

L42.Temp 0.994296 1.399669 0.710 0.477

L42.Precip. horaria 0.008018 0.005222 1.535 0.125

L42.Temp. prom aire -0.000573 0.000475 -1.207 0.227

L43.Conduct -1.580992 1.137273 -1.390 0.164

L43.Water 0.688351 3.238967 0.213 0.832

L43.Temp -0.671627 1.411187 -0.476 0.634

L43.Precip. horaria -0.006525 0.005540 -1.178 0.239

L43.Temp. prom aire 0.000491 0.000478 1.027 0.304

L44.Conduct 1.104965 1.006952 1.097 0.272

L44.Water -0.220033 2.909220 -0.076 0.940

L44.Temp 0.028898 1.369311 0.021 0.983

L44.Precip. horaria -0.000450 0.005673 -0.079 0.937

L44.Temp. prom aire 0.000459 0.000483 0.950 0.342

L45.Conduct -0.484047 0.828780 -0.584 0.559

L45.Water -0.671622 2.453480 -0.274 0.784

L45.Temp 0.900031 1.185403 0.759 0.448

L45.Precip. horaria -0.003184 0.005539 -0.575 0.565

L45.Temp. prom aire -0.000200 0.000488 -0.410 0.682

L46.Conduct 0.054567 0.563827 0.097 0.923

L46.Water 1.102537 1.696094 0.650 0.516

L46.Temp -1.255599 0.820808 -1.530 0.126

L46.Precip. horaria -0.006630 0.005759 -1.151 0.250

L46.Temp. prom aire -0.000418 0.000490 -0.853 0.394

L47.Conduct 0.039178 0.263190 0.149 0.882

L47.Water -0.649614 0.786233 -0.826 0.409

L47.Temp 0.735836 0.384867 1.912 0.056

L47.Precip. horaria 0.006356 0.005637 1.128 0.260

L47.Temp. prom aire 0.001019 0.000489 2.085 0.037

L48.Conduct -0.011173 0.058837 -0.190 0.849

L48.Water 0.137715 0.171688 0.802 0.422

L48.Temp -0.163918 0.086966 -1.885 0.059

L48.Precip. horaria -0.006530 0.005564 -1.174 0.241

L48.Temp. prom aire -0.000270 0.000449 -0.602 0.547

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -1.467972 0.456461 -3.216 0.001

L1.Conduct 4.489760 1.209185 3.713 0.000

L1.Water -18.673388 4.074864 -4.583 0.000

L1.Temp -0.282913 1.054298 -0.268 0.788

L1.Precip. horaria -0.023079 0.068888 -0.335 0.738

L1.Temp. prom aire -0.005588 0.006598 -0.847 0.397

L2.Conduct -17.079576 5.641687 -3.027 0.002

L2.Water 74.214960 18.646709 3.980 0.000

L2.Temp -2.740994 4.194334 -0.653 0.513

L2.Precip. horaria -0.220292 0.068688 -3.207 0.001

L2.Temp. prom aire 0.012146 0.006987 1.738 0.082

L3.Conduct 30.184172 12.490921 2.416 0.016

L3.Water -143.408236 40.391569 -3.550 0.000

L3.Temp 13.021709 7.846393 1.660 0.097

L3.Precip. horaria 0.114725 0.067515 1.699 0.089

L3.Temp. prom aire -0.002133 0.006751 -0.316 0.752

L4.Conduct -31.488561 18.363639 -1.715 0.086

L4.Water 179.022080 58.134095 3.079 0.002

L4.Temp -23.822163 9.956233 -2.393 0.017

L4.Precip. horaria -0.185028 0.065937 -2.806 0.005

L4.Temp. prom aire -0.003673 0.006765 -0.543 0.587

L5.Conduct 14.118788 21.363465 0.661 0.509

L5.Water -133.122722 66.513882 -2.001 0.045

L5.Temp 25.231077 10.531531 2.396 0.017

L5.Precip. horaria 0.061637 0.066863 0.922 0.357

L5.Temp. prom aire -0.003572 0.006771 -0.528 0.598

L6.Conduct 12.994634 22.152904 0.587 0.557

L6.Water 17.047623 68.104391 0.250 0.802

L6.Temp -16.426301 10.777548 -1.524 0.127

L6.Precip. horaria -0.284775 0.065808 -4.327 0.000

L6.Temp. prom aire -0.007976 0.006880 -1.159 0.246

L7.Conduct -27.076421 22.209922 -1.219 0.223

L7.Water 78.399397 67.950783 1.154 0.249

L7.Temp 3.275574 12.144595 0.270 0.787

L7.Precip. horaria 0.144840 0.069806 2.075 0.038

L7.Temp. prom aire 0.000568 0.007027 0.081 0.936

L8.Conduct 18.495769 22.291829 0.830 0.407

L8.Water -96.371382 69.091123 -1.395 0.163

L8.Temp 9.407910 15.590829 0.603 0.546

L8.Precip. horaria -0.037715 0.067073 -0.562 0.574

L8.Temp. prom aire 0.013934 0.007170 1.943 0.052

L9.Conduct 2.268058 23.364761 0.097 0.923

L9.Water 50.969116 74.224804 0.687 0.492

L9.Temp -23.763311 20.508955 -1.159 0.247

L9.Precip. horaria 0.086005 0.068693 1.252 0.211

L9.Temp. prom aire -0.000510 0.007032 -0.073 0.942

L10.Conduct -22.890396 26.720679 -0.857 0.392

L10.Water 23.597975 86.173656 0.274 0.784

L10.Temp 40.755210 25.026033 1.629 0.103

L10.Precip. horaria -0.114660 0.073239 -1.566 0.117

L10.Temp. prom aire -0.010135 0.007104 -1.427 0.154

L11.Conduct 33.317818 30.048437 1.109 0.268

L11.Water -78.355664 97.114154 -0.807 0.420

L11.Temp -51.151535 27.233389 -1.878 0.060

L11.Precip. horaria -0.069863 0.074708 -0.935 0.350

L11.Temp. prom aire 0.002023 0.007234 0.280 0.780

L12.Conduct -31.343854 30.855342 -1.016 0.310

L12.Water 87.601911 99.268291 0.882 0.378

L12.Temp 48.470756 27.122647 1.787 0.074

L12.Precip. horaria -0.190421 0.071465 -2.665 0.008

L12.Temp. prom aire -0.003487 0.007310 -0.477 0.633

L13.Conduct 22.751538 30.091585 0.756 0.450

L13.Water -68.848897 95.647197 -0.720 0.472

L13.Temp -37.291060 26.257046 -1.420 0.156

L13.Precip. horaria 0.140148 0.071555 1.959 0.050

L13.Temp. prom aire -0.001111 0.007068 -0.157 0.875

L14.Conduct -7.952943 29.654404 -0.268 0.789

L14.Water 35.965201 92.618946 0.388 0.698

L14.Temp 26.530095 26.166322 1.014 0.311

L14.Precip. horaria 0.050828 0.072278 0.703 0.482

L14.Temp. prom aire 0.002283 0.007085 0.322 0.747

L15.Conduct -9.991532 29.687866 -0.337 0.736

L15.Water 9.549615 90.891324 0.105 0.916

L15.Temp -21.654878 27.751485 -0.780 0.435

L15.Precip. horaria -0.120315 0.073108 -1.646 0.100

L15.Temp. prom aire -0.017134 0.007061 -2.427 0.015

L16.Conduct 25.922297 29.705235 0.873 0.383

L16.Water -75.821244 89.782000 -0.845 0.398

L16.Temp 14.188173 30.884493 0.459 0.646

L16.Precip. horaria 0.056495 0.074277 0.761 0.447

L16.Temp. prom aire -0.001381 0.006935 -0.199 0.842

L17.Conduct -40.718081 30.493750 -1.335 0.182

L17.Water 158.417156 93.824800 1.688 0.091

L17.Temp 8.185293 34.769320 0.235 0.814

L17.Precip. horaria -0.268372 0.073672 -3.643 0.000

L17.Temp. prom aire 0.005737 0.006939 0.827 0.408

L18.Conduct 47.745734 31.919684 1.496 0.135

L18.Water -209.575095 101.857185 -2.058 0.040

L18.Temp -37.858950 37.777424 -1.002 0.316

L18.Precip. horaria 0.130824 0.075100 1.742 0.082

L18.Temp. prom aire 0.000162 0.006967 0.023 0.981

L19.Conduct -44.295651 32.384415 -1.368 0.171

L19.Water 201.010880 105.529386 1.905 0.057

L19.Temp 57.456506 38.813793 1.480 0.139

L19.Precip. horaria -0.067478 0.075071 -0.899 0.369

L19.Temp. prom aire -0.007514 0.006905 -1.088 0.277

L20.Conduct 38.297616 31.887528 1.201 0.230

L20.Water -155.136630 102.902955 -1.508 0.132

L20.Temp -60.668075 38.605652 -1.571 0.116

L20.Precip. horaria 0.005362 0.076378 0.070 0.944

L20.Temp. prom aire 0.000962 0.006845 0.141 0.888

L21.Conduct -30.309438 31.773455 -0.954 0.340

L21.Water 99.028917 99.395478 0.996 0.319

L21.Temp 55.845956 37.802813 1.477 0.140

L21.Precip. horaria -0.143862 0.078499 -1.833 0.067

L21.Temp. prom aire 0.003345 0.006887 0.486 0.627

L22.Conduct 23.425572 32.705813 0.716 0.474

L22.Water -53.792892 99.785506 -0.539 0.590

L22.Temp -56.596653 36.663904 -1.544 0.123

L22.Precip. horaria 0.006601 0.080000 0.083 0.934

L22.Temp. prom aire -0.013163 0.006902 -1.907 0.056

L23.Conduct -17.047858 34.107542 -0.500 0.617

L23.Water 10.085655 104.157881 0.097 0.923

L23.Temp 60.124615 36.384530 1.652 0.098

L23.Precip. horaria -0.160160 0.075592 -2.119 0.034

L23.Temp. prom aire 0.002218 0.006841 0.324 0.746

L24.Conduct 2.078055 35.734977 0.058 0.954

L24.Water 58.191195 111.766424 0.521 0.603

L24.Temp -49.834580 38.594048 -1.291 0.197

L24.Precip. horaria 0.120531 0.071982 1.674 0.094

L24.Temp. prom aire 0.012107 0.006935 1.746 0.081

L25.Conduct 10.798919 37.170050 0.291 0.771

L25.Water -116.820341 119.163255 -0.980 0.327

L25.Temp 24.921640 42.734338 0.583 0.560

L25.Precip. horaria -0.159857 0.069834 -2.289 0.022

L25.Temp. prom aire -0.029115 0.007020 -4.147 0.000

L26.Conduct -8.096750 37.492948 -0.216 0.829

L26.Water 108.236450 122.249285 0.885 0.376

L26.Temp -3.307666 45.867669 -0.072 0.943

L26.Precip. horaria -0.024153 0.071235 -0.339 0.735

L26.Temp. prom aire 0.010786 0.007197 1.499 0.134

L27.Conduct -5.410436 36.246775 -0.149 0.881

L27.Water -39.980140 119.773816 -0.334 0.739

L27.Temp -3.505909 46.450527 -0.075 0.940

L27.Precip. horaria -0.021107 0.071500 -0.295 0.768

L27.Temp. prom aire -0.006528 0.007255 -0.900 0.368

L28.Conduct 16.242079 34.483861 0.471 0.638

L28.Water -20.944409 114.273350 -0.183 0.855

L28.Temp 7.958317 45.134791 0.176 0.860

L28.Precip. horaria 0.023941 0.071275 0.336 0.737

L28.Temp. prom aire -0.002073 0.007194 -0.288 0.773

L29.Conduct -10.536718 33.313738 -0.316 0.752

L29.Water 26.569137 108.608696 0.245 0.807

L29.Temp -29.698468 42.807021 -0.694 0.488

L29.Precip. horaria -0.159651 0.069097 -2.311 0.021

L29.Temp. prom aire 0.008891 0.007225 1.231 0.218

L30.Conduct 1.352668 32.940147 0.041 0.967

L30.Water -21.753474 104.608519 -0.208 0.835

L30.Temp 62.120745 39.641155 1.567 0.117

L30.Precip. horaria 0.018266 0.067659 0.270 0.787

L30.Temp. prom aire -0.022150 0.007297 -3.036 0.002

L31.Conduct -12.142812 33.840611 -0.359 0.720

L31.Water 76.296773 105.700602 0.722 0.470

L31.Temp -79.040154 36.519474 -2.164 0.030

L31.Precip. horaria -0.218901 0.067922 -3.223 0.001

L31.Temp. prom aire 0.000563 0.007400 0.076 0.939

L32.Conduct 34.726171 34.758071 0.999 0.318

L32.Water -174.810874 109.130251 -1.602 0.109

L32.Temp 69.346624 35.509137 1.953 0.051

L32.Precip. horaria -0.109222 0.070262 -1.554 0.120

L32.Temp. prom aire 0.009753 0.007401 1.318 0.188

L33.Conduct -52.398841 33.199711 -1.578 0.114

L33.Water 253.975692 106.047134 2.395 0.017

L33.Temp -44.778569 36.524155 -1.226 0.220

L33.Precip. horaria 0.160481 0.070414 2.279 0.023

L33.Temp. prom aire -0.010941 0.007306 -1.498 0.134

L34.Conduct 54.890940 28.595557 1.920 0.055

L34.Water -268.266458 92.676514 -2.895 0.004

L34.Temp 21.730133 37.272805 0.583 0.560

L34.Precip. horaria -0.166813 0.070980 -2.350 0.019

L34.Temp. prom aire 0.005474 0.007303 0.750 0.453

L35.Conduct -36.833650 24.292565 -1.516 0.129

L35.Water 212.751603 78.160653 2.722 0.006

L35.Temp -0.952377 37.239510 -0.026 0.980

L35.Precip. horaria -0.085340 0.070631 -1.208 0.227

L35.Temp. prom aire 0.001954 0.007335 0.266 0.790

L36.Conduct 12.489067 23.434998 0.533 0.594

L36.Water -120.915923 73.745139 -1.640 0.101

L36.Temp -27.533541 36.929207 -0.746 0.456

L36.Precip. horaria 0.014024 0.069592 0.202 0.840

L36.Temp. prom aire -0.003066 0.007238 -0.424 0.672

L37.Conduct 6.125577 24.176384 0.253 0.800

L37.Water 18.322410 76.051933 0.241 0.810

L37.Temp 58.278677 35.541665 1.640 0.101

L37.Precip. horaria -0.225819 0.070512 -3.203 0.001

L37.Temp. prom aire 0.002158 0.007254 0.298 0.766

L38.Conduct -19.159602 24.731904 -0.775 0.439

L38.Water 78.410342 78.707139 0.996 0.319

L38.Temp -71.489889 31.888828 -2.242 0.025

L38.Precip. horaria -0.083899 0.072694 -1.154 0.248

L38.Temp. prom aire -0.008225 0.007226 -1.138 0.255

L39.Conduct 23.646003 24.533362 0.964 0.335

L39.Water -139.294488 78.415890 -1.776 0.076

L39.Temp 58.897769 26.508964 2.222 0.026

L39.Precip. horaria 0.065090 0.073991 0.880 0.379

L39.Temp. prom aire -0.000218 0.007113 -0.031 0.976

L40.Conduct -20.968008 23.386417 -0.897 0.370

L40.Water 144.832656 73.320228 1.975 0.048

L40.Temp -33.527692 22.151094 -1.514 0.130

L40.Precip. horaria -0.098200 0.073713 -1.332 0.183

L40.Temp. prom aire -0.012707 0.007073 -1.797 0.072

L41.Conduct 14.315001 21.413649 0.668 0.504

L41.Water -101.783408 64.032054 -1.590 0.112

L41.Temp 15.991165 20.734026 0.771 0.441

L41.Precip. horaria -0.058533 0.074553 -0.785 0.432

L41.Temp. prom aire 0.007555 0.007145 1.057 0.290

L42.Conduct -8.526780 19.034466 -0.448 0.654

L42.Water 48.182352 54.620907 0.882 0.378

L42.Temp -10.585872 20.820433 -0.508 0.611

L42.Precip. horaria 0.040440 0.077678 0.521 0.603

L42.Temp. prom aire 0.006867 0.007062 0.972 0.331

L43.Conduct 13.109271 16.917225 0.775 0.438

L43.Water -27.351505 48.180453 -0.568 0.570

L43.Temp 6.244616 20.991762 0.297 0.766

L43.Precip. horaria -0.245146 0.082402 -2.975 0.003

L43.Temp. prom aire -0.016581 0.007114 -2.331 0.020

L44.Conduct -22.358504 14.978661 -1.493 0.136

L44.Water 33.864456 43.275387 0.783 0.434

L44.Temp 0.023531 20.368850 0.001 0.999

L44.Precip. horaria 0.115794 0.084388 1.372 0.170

L44.Temp. prom aire 0.010290 0.007186 1.432 0.152

L45.Conduct 23.686319 12.328308 1.921 0.055

L45.Water -34.194776 36.496140 -0.937 0.349

L45.Temp -3.962589 17.633164 -0.225 0.822

L45.Precip. horaria -0.138007 0.082389 -1.675 0.094

L45.Temp. prom aire -0.012358 0.007253 -1.704 0.088

L46.Conduct -18.143829 8.387067 -2.163 0.031

L46.Water 21.483208 25.229831 0.852 0.394

L46.Temp 5.211775 12.209725 0.427 0.669

L46.Precip. horaria 0.028821 0.085660 0.336 0.737

L46.Temp. prom aire 0.007922 0.007290 1.087 0.277

L47.Conduct 10.034915 3.915010 2.563 0.010

L47.Water -8.555105 11.695411 -0.731 0.464

L47.Temp -3.770223 5.724990 -0.659 0.510

L47.Precip. horaria -0.067434 0.083851 -0.804 0.421

L47.Temp. prom aire 0.004453 0.007273 0.612 0.540

L48.Conduct -2.719767 0.875214 -3.108 0.002

L48.Water 1.791880 2.553901 0.702 0.483

L48.Temp 1.099973 1.293642 0.850 0.395

L48.Precip. horaria 0.055365 0.082770 0.669 0.504

L48.Temp. prom aire -0.004160 0.006681 -0.623 0.534

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -5.203049 5.016444 -1.037 0.300

L1.Conduct 10.634407 13.288787 0.800 0.424

L1.Water -18.225716 44.782244 -0.407 0.684

L1.Temp 15.551861 11.586608 1.342 0.180

L1.Precip. horaria -0.692654 0.757071 -0.915 0.360

L1.Temp. prom aire 0.360882 0.072512 4.977 0.000

L2.Conduct -43.946807 62.001437 -0.709 0.478

L2.Water 39.522693 204.925006 0.193 0.847

L2.Temp -61.031368 46.095206 -1.324 0.185

L2.Precip. horaria -1.135727 0.754871 -1.505 0.132

L2.Temp. prom aire 0.074091 0.076781 0.965 0.335

L3.Conduct 99.510613 137.273665 0.725 0.469

L3.Water -36.471340 443.898304 -0.082 0.935

L3.Temp 98.914829 86.230877 1.147 0.251

L3.Precip. horaria -0.605777 0.741982 -0.816 0.414

L3.Temp. prom aire 0.041725 0.074196 0.562 0.574

L4.Conduct -195.053045 201.814097 -0.966 0.334

L4.Water 182.069798 638.886444 0.285 0.776

L4.Temp -50.183603 109.417759 -0.459 0.646

L4.Precip. horaria 0.600764 0.724638 0.829 0.407

L4.Temp. prom aire 0.000901 0.074343 0.012 0.990

L5.Conduct 341.198231 234.781810 1.453 0.146

L5.Water -666.021214 730.979261 -0.911 0.362

L5.Temp -77.082197 115.740216 -0.666 0.505

L5.Precip. horaria -0.647478 0.734815 -0.881 0.378

L5.Temp. prom aire -0.061150 0.074411 -0.822 0.411

L6.Conduct -455.595413 243.457648 -1.871 0.061

L6.Water 1203.988051 748.458750 1.609 0.108

L6.Temp 137.270354 118.443905 1.159 0.246

L6.Precip. horaria -0.021902 0.723226 -0.030 0.976

L6.Temp. prom aire -0.061070 0.075614 -0.808 0.419

L7.Conduct 436.332618 244.084270 1.788 0.074

L7.Water -1308.134224 746.770625 -1.752 0.080

L7.Temp -59.927646 133.467584 -0.449 0.653

L7.Precip. horaria 0.154954 0.767160 0.202 0.840

L7.Temp. prom aire 0.198693 0.077222 2.573 0.010

L8.Conduct -294.875263 244.984420 -1.204 0.229

L8.Water 960.620256 759.302821 1.265 0.206

L8.Temp -23.115776 171.341266 -0.135 0.893

L8.Precip. horaria -1.249386 0.737128 -1.695 0.090

L8.Temp. prom aire -0.064779 0.078800 -0.822 0.411

L9.Conduct 102.108279 256.775802 0.398 0.691

L9.Water -520.602330 815.721325 -0.638 0.523

L9.Temp 13.964218 225.390850 0.062 0.951

L9.Precip. horaria -0.156751 0.754927 -0.208 0.836

L9.Temp. prom aire -0.087182 0.077278 -1.128 0.259

L10.Conduct 96.400247 293.656929 0.328 0.743

L10.Water 205.713862 947.037718 0.217 0.828

L10.Temp 15.469662 275.032982 0.056 0.955

L10.Precip. horaria 0.604219 0.804891 0.751 0.453

L10.Temp. prom aire -0.110022 0.078067 -1.409 0.159

L11.Conduct -294.846646 330.228570 -0.893 0.372

L11.Water 140.304614 1067.272424 0.131 0.895

L11.Temp 6.216718 299.291550 0.021 0.983

L11.Precip. horaria 0.982079 0.821030 1.196 0.232

L11.Temp. prom aire -0.023143 0.079496 -0.291 0.771

L12.Conduct 495.123356 339.096352 1.460 0.144

L12.Water -753.166355 1090.946126 -0.690 0.490

L12.Temp -88.509339 298.074500 -0.297 0.767

L12.Precip. horaria -0.428874 0.785392 -0.546 0.585

L12.Temp. prom aire 0.010649 0.080336 0.133 0.895

L13.Conduct -640.237830 330.702767 -1.936 0.053

L13.Water 1455.193864 1051.150760 1.384 0.166

L13.Temp 190.730397 288.561662 0.661 0.509

L13.Precip. horaria -1.285360 0.786378 -1.635 0.102

L13.Temp. prom aire 0.044920 0.077673 0.578 0.563

L14.Conduct 656.054501 325.898203 2.013 0.044

L14.Water -1804.685550 1017.870660 -1.773 0.076

L14.Temp -193.044645 287.564616 -0.671 0.502

L14.Precip. horaria -0.252549 0.794331 -0.318 0.751

L14.Temp. prom aire 0.041817 0.077862 0.537 0.591

L15.Conduct -515.657676 326.265940 -1.580 0.114

L15.Water 1571.525568 998.884306 1.573 0.116

L15.Temp 36.179631 304.985352 0.119 0.906

L15.Precip. horaria 0.842737 0.803449 1.049 0.294

L15.Temp. prom aire -0.113143 0.077595 -1.458 0.145

L16.Conduct 277.024512 326.456822 0.849 0.396

L16.Water -998.384751 986.692977 -1.012 0.312

L16.Temp 168.693654 339.416727 0.497 0.619

L16.Precip. horaria -0.312463 0.816298 -0.383 0.702

L16.Temp. prom aire -0.048819 0.076210 -0.641 0.522

L17.Conduct -77.710025 335.122506 -0.232 0.817

L17.Water 600.306376 1031.122841 0.582 0.560

L17.Temp -280.453580 382.110490 -0.734 0.463

L17.Precip. horaria 0.336935 0.809648 0.416 0.677

L17.Temp. prom aire 0.161894 0.076257 2.123 0.034

L18.Conduct -61.553352 350.793343 -0.175 0.861

L18.Water -303.444915 1119.397747 -0.271 0.786

L18.Temp 328.825405 415.169179 0.792 0.428

L18.Precip. horaria 0.449435 0.825341 0.545 0.586

L18.Temp. prom aire -0.090782 0.076564 -1.186 0.236

L19.Conduct 245.739034 355.900680 0.690 0.490

L19.Water -402.247143 1159.754774 -0.347 0.729

L19.Temp -457.789306 426.558739 -1.073 0.283

L19.Precip. horaria -0.386195 0.825024 -0.468 0.640

L19.Temp. prom aire -0.042674 0.075888 -0.562 0.574

L20.Conduct -469.505630 350.439957 -1.340 0.180

L20.Water 1337.921661 1130.890629 1.183 0.237

L20.Temp 604.552013 424.271294 1.425 0.154

L20.Precip. horaria 0.302611 0.839386 0.361 0.718

L20.Temp. prom aire -0.108636 0.075228 -1.444 0.149

L21.Conduct 636.334931 349.186304 1.822 0.068

L21.Water -1890.170848 1092.343895 -1.730 0.084

L21.Temp -520.830272 415.448198 -1.254 0.210

L21.Precip. horaria -0.053056 0.862690 -0.062 0.951

L21.Temp. prom aire 0.120099 0.075685 1.587 0.113

L22.Conduct -702.220298 359.432798 -1.954 0.051

L22.Water 1912.514675 1096.630251 1.744 0.081

L22.Temp 191.100734 402.931726 0.474 0.635

L22.Precip. horaria 0.191025 0.879191 0.217 0.828

L22.Temp. prom aire -0.031893 0.075848 -0.420 0.674

L23.Conduct 718.021943 374.837630 1.916 0.055

L23.Water -1801.057025 1144.682112 -1.573 0.116

L23.Temp 162.354753 399.861444 0.406 0.685

L23.Precip. horaria -0.227675 0.830746 -0.274 0.784

L23.Temp. prom aire 0.010625 0.075178 0.141 0.888

L24.Conduct -736.812033 392.722937 -1.876 0.061

L24.Water 1877.338493 1228.299048 1.528 0.126

L24.Temp -378.143294 424.143772 -0.892 0.373

L24.Precip. horaria -0.096213 0.791069 -0.122 0.903

L24.Temp. prom aire -0.133188 0.076219 -1.747 0.081

L25.Conduct 688.122607 408.494210 1.685 0.092

L25.Water -1816.134000 1309.589300 -1.387 0.166

L25.Temp 470.436652 469.645039 1.002 0.316

L25.Precip. horaria -1.259679 0.767465 -1.641 0.101

L25.Temp. prom aire 0.030231 0.077152 0.392 0.695

L26.Conduct -501.559361 412.042815 -1.217 0.224

L26.Water 1206.793782 1343.504386 0.898 0.369

L26.Temp -580.015427 504.079959 -1.151 0.250

L26.Precip. horaria 1.688546 0.782868 2.157 0.031

L26.Temp. prom aire -0.054182 0.079092 -0.685 0.493

L27.Conduct 207.480115 398.347538 0.521 0.602

L27.Water -213.434248 1316.299282 -0.162 0.871

L27.Temp 735.697349 510.485496 1.441 0.150

L27.Precip. horaria -1.079765 0.785775 -1.374 0.169

L27.Temp. prom aire 0.089657 0.079726 1.125 0.261

L28.Conduct 151.580764 378.973323 0.400 0.689

L28.Water -812.770086 1255.849851 -0.647 0.518

L28.Temp -773.965847 496.025715 -1.560 0.119

L28.Precip. horaria -0.823166 0.783298 -1.051 0.293

L28.Temp. prom aire -0.177695 0.079061 -2.248 0.025

L29.Conduct -503.945470 366.113826 -1.376 0.169

L29.Water 1661.576977 1193.596014 1.392 0.164

L29.Temp 597.857383 470.443820 1.271 0.204

L29.Precip. horaria 0.270800 0.759363 0.357 0.721

L29.Temp. prom aire -0.049541 0.079400 -0.624 0.533

L30.Conduct 742.299899 362.008108 2.051 0.040

L30.Water -2242.207755 1149.634560 -1.950 0.051

L30.Temp -313.726950 435.651344 -0.720 0.471

L30.Precip. horaria 0.364114 0.743565 0.490 0.624

L30.Temp. prom aire -0.033622 0.080189 -0.419 0.675

L31.Conduct -795.544027 371.904092 -2.139 0.032

L31.Water 2481.503133 1161.636418 2.136 0.033

L31.Temp 114.554825 401.344460 0.285 0.775

L31.Precip. horaria -1.532043 0.746456 -2.052 0.040

L31.Temp. prom aire 0.056336 0.081320 0.693 0.488

L32.Conduct 663.864723 381.986859 1.738 0.082

L32.Water -2189.285087 1199.327831 -1.825 0.068

L32.Temp -19.004614 390.240986 -0.049 0.961

L32.Precip. horaria 1.214116 0.772168 1.572 0.116

L32.Temp. prom aire -0.098949 0.081334 -1.217 0.224

L33.Conduct -451.694055 364.860677 -1.238 0.216

L33.Water 1417.907858 1165.444761 1.217 0.224

L33.Temp -152.404219 401.395899 -0.380 0.704

L33.Precip. horaria -0.856883 0.773836 -1.107 0.268

L33.Temp. prom aire 0.133654 0.080291 1.665 0.096

L34.Conduct 277.453903 314.261600 0.883 0.377

L34.Water -618.013825 1018.503324 -0.607 0.544

L34.Temp 415.445433 409.623472 1.014 0.310

L34.Precip. horaria -0.242832 0.780066 -0.311 0.756

L34.Temp. prom aire -0.097616 0.080255 -1.216 0.224

L35.Conduct -158.697415 266.972252 -0.594 0.552

L35.Water 103.522445 858.975815 0.121 0.904

L35.Temp -583.591196 409.257565 -1.426 0.154

L35.Precip. horaria -0.901788 0.776221 -1.162 0.245

L35.Temp. prom aire -0.035943 0.080614 -0.446 0.656

L36.Conduct 45.465631 257.547702 0.177 0.860

L36.Water 219.895563 810.449876 0.271 0.786

L36.Temp 576.603256 405.847373 1.421 0.155

L36.Precip. horaria -0.142635 0.764803 -0.186 0.852

L36.Temp. prom aire 0.140070 0.079546 1.761 0.078

L37.Conduct 112.064532 265.695447 0.422 0.673

L37.Water -630.490130 835.801249 -0.754 0.451

L37.Temp -471.694362 390.598460 -1.208 0.227

L37.Precip. horaria 0.173554 0.774919 0.224 0.823

L37.Temp. prom aire -0.028848 0.079725 -0.362 0.717

L38.Conduct -288.109645 271.800532 -1.060 0.289

L38.Water 1187.489824 864.981632 1.373 0.170

L38.Temp 362.636689 350.454243 1.035 0.301

L38.Precip. horaria -0.460602 0.798898 -0.577 0.564

L38.Temp. prom aire -0.099139 0.079411 -1.248 0.212

L39.Conduct 407.414699 269.618589 1.511 0.131

L39.Water -1604.206497 861.780842 -1.862 0.063

L39.Temp -252.616307 291.330203 -0.867 0.386

L39.Precip. horaria -0.496807 0.813153 -0.611 0.541

L39.Temp. prom aire -0.062762 0.078170 -0.803 0.422

L40.Conduct -456.725522 257.013798 -1.777 0.076

L40.Water 1657.505870 805.780153 2.057 0.040

L40.Temp 99.478876 243.437762 0.409 0.683

L40.Precip. horaria 0.480830 0.810096 0.594 0.553

L40.Temp. prom aire 0.035494 0.077727 0.457 0.648

L41.Conduct 461.632230 235.333330 1.962 0.050

L41.Water -1455.516274 703.704279 -2.068 0.039

L41.Temp 53.008696 227.864359 0.233 0.816

L41.Precip. horaria -0.060592 0.819333 -0.074 0.941

L41.Temp. prom aire 0.080368 0.078526 1.023 0.306

L42.Conduct -448.984682 209.186402 -2.146 0.032

L42.Water 1284.606278 600.276946 2.140 0.032

L42.Temp -128.972620 228.813961 -0.564 0.573

L42.Precip. horaria -0.065064 0.853677 -0.076 0.939

L42.Temp. prom aire -0.090499 0.077607 -1.166 0.244

L43.Conduct 431.330955 185.918187 2.320 0.020

L43.Water -1268.606235 529.497159 -2.396 0.017

L43.Temp 124.300680 230.696848 0.539 0.590

L43.Precip. horaria -1.566471 0.905587 -1.730 0.084

L43.Temp. prom aire 0.039486 0.078187 0.505 0.614

L44.Conduct -371.327299 164.613619 -2.256 0.024

L44.Water 1183.519781 475.591101 2.489 0.013

L44.Temp -88.736032 223.851121 -0.396 0.692

L44.Precip. horaria -0.035741 0.927409 -0.039 0.969

L44.Temp. prom aire -0.044460 0.078979 -0.563 0.573

L45.Conduct 261.297073 135.486563 1.929 0.054

L45.Water -844.188004 401.088023 -2.105 0.035

L45.Temp 66.580332 193.786270 0.344 0.731

L45.Precip. horaria 0.116941 0.905441 0.129 0.897

L45.Temp. prom aire 0.087041 0.079712 1.092 0.275

L46.Conduct -149.880383 92.172823 -1.626 0.104

L46.Water 421.804895 277.272689 1.521 0.128

L46.Temp -51.269037 134.183359 -0.382 0.702

L46.Precip. horaria -1.494388 0.941396 -1.587 0.112

L46.Temp. prom aire -0.117031 0.080119 -1.461 0.144

L47.Conduct 63.895162 43.025477 1.485 0.138

L47.Water -141.116569 128.531105 -1.098 0.272

L47.Temp 26.640519 62.916926 0.423 0.672

L47.Precip. horaria 2.537612 0.921517 2.754 0.006

L47.Temp. prom aire -0.073120 0.079925 -0.915 0.360

L48.Conduct -13.789165 9.618496 -1.434 0.152

L48.Water 25.629381 28.067059 0.913 0.361

L48.Temp -6.089182 14.216961 -0.428 0.668

L48.Precip. horaria 0.631625 0.909634 0.694 0.487

L48.Temp. prom aire -0.070624 0.073418 -0.962 0.336

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.890193 -0.006026 -0.038284 -0.089565

Water 0.890193 1.000000 -0.015117 -0.114630 -0.046246

Temp -0.006026 -0.015117 1.000000 0.041942 -0.166885

Precip. horaria -0.038284 -0.114630 0.041942 1.000000 0.107606

Temp. prom aire -0.089565 -0.046246 -0.166885 0.107606 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -16.2764

Nobs: 440.000 HQIC: -23.0533

Log likelihood: 4126.42 FPE: 2.30816e-12

AIC: -27.4686 Det(Omega\_mle): 2.59893e-13

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.202410 0.096782 2.091 0.036

L1.Conduct 3.993919 0.107900 37.015 0.000

L1.Water 4.336290 1.345425 3.223 0.001

L1.Temp 1.465735 0.447721 3.274 0.001

L1.Precip. horaria -0.012653 0.025002 -0.506 0.613

L1.Temp. prom aire -0.002333 0.002487 -0.938 0.348

L2.Conduct -6.800842 0.501572 -13.559 0.000

L2.Water -19.795071 6.626388 -2.987 0.003

L2.Temp -7.747243 1.810197 -4.280 0.000

L2.Precip. horaria -0.026872 0.024966 -1.076 0.282

L2.Temp. prom aire -0.001585 0.002593 -0.611 0.541

L3.Conduct 7.025555 1.115145 6.300 0.000

L3.Water 35.154027 15.339038 2.292 0.022

L3.Temp 18.773888 3.453706 5.436 0.000

L3.Precip. horaria 0.025198 0.025824 0.976 0.329

L3.Temp. prom aire -0.002060 0.002535 -0.812 0.417

L4.Conduct -5.950048 1.661187 -3.582 0.000

L4.Water -26.121492 23.194645 -1.126 0.260

L4.Temp -27.905731 4.562645 -6.116 0.000

L4.Precip. horaria 0.016440 0.026776 0.614 0.539

L4.Temp. prom aire 0.007370 0.002572 2.866 0.004

L5.Conduct 5.341995 1.972009 2.709 0.007

L5.Water -4.125689 27.372798 -0.151 0.880

L5.Temp 27.991782 5.237199 5.345 0.000

L5.Precip. horaria -0.061060 0.029107 -2.098 0.036

L5.Temp. prom aire -0.003183 0.002655 -1.199 0.231

L6.Conduct -4.840281 2.096702 -2.309 0.021

L6.Water 23.466352 29.042614 0.808 0.419

L6.Temp -18.683910 5.858315 -3.189 0.001

L6.Precip. horaria -0.006357 0.029410 -0.216 0.829

L6.Temp. prom aire -0.000008 0.002651 -0.003 0.998

L7.Conduct 2.344957 2.145652 1.093 0.274

L7.Water -13.745775 30.110801 -0.457 0.648

L7.Temp 7.514858 6.606902 1.137 0.255

L7.Precip. horaria 0.053612 0.031159 1.721 0.085

L7.Temp. prom aire 0.000194 0.002654 0.073 0.942

L8.Conduct 2.987808 2.164059 1.381 0.167

L8.Water -7.722642 30.590371 -0.252 0.801

L8.Temp -2.008784 7.558597 -0.266 0.790

L8.Precip. horaria 0.040622 0.031868 1.275 0.202

L8.Temp. prom aire -0.003428 0.002709 -1.266 0.206

L9.Conduct -7.517572 2.275853 -3.303 0.001

L9.Water 13.483494 32.258823 0.418 0.676

L9.Temp -0.201352 8.704854 -0.023 0.982

L9.Precip. horaria -0.018312 0.032311 -0.567 0.571

L9.Temp. prom aire 0.001251 0.002755 0.454 0.650

L10.Conduct 7.927876 2.624318 3.021 0.003

L10.Water -4.669438 37.639250 -0.124 0.901

L10.Temp 6.415760 9.745143 0.658 0.510

L10.Precip. horaria -0.044769 0.033194 -1.349 0.177

L10.Temp. prom aire 0.001926 0.002740 0.703 0.482

L11.Conduct -5.720777 3.037470 -1.883 0.060

L11.Water 5.684005 44.106810 0.129 0.897

L11.Temp -14.880669 10.117655 -1.471 0.141

L11.Precip. horaria -0.075251 0.032337 -2.327 0.020

L11.Temp. prom aire -0.002274 0.002758 -0.824 0.410

L12.Conduct 4.358506 3.318756 1.313 0.189

L12.Water -25.514548 48.151861 -0.530 0.596

L12.Temp 15.256940 9.982973 1.528 0.126

L12.Precip. horaria 0.076309 0.032255 2.366 0.018

L12.Temp. prom aire 0.000947 0.002730 0.347 0.729

L13.Conduct -5.811595 3.430145 -1.694 0.090

L13.Water 45.475080 49.534603 0.918 0.359

L13.Temp -3.598857 10.161072 -0.354 0.723

L13.Precip. horaria 0.080548 0.032293 2.494 0.013

L13.Temp. prom aire -0.000825 0.002730 -0.302 0.763

L14.Conduct 7.272880 3.469293 2.096 0.036

L14.Water -42.643847 49.887521 -0.855 0.393

L14.Temp -9.113364 11.208453 -0.813 0.416

L14.Precip. horaria 0.018679 0.032020 0.583 0.560

L14.Temp. prom aire -0.000628 0.002705 -0.232 0.816

L15.Conduct -4.444102 3.518596 -1.263 0.207

L15.Water 21.323986 49.535072 0.430 0.667

L15.Temp 9.189251 12.712565 0.723 0.470

L15.Precip. horaria -0.029933 0.030720 -0.974 0.330

L15.Temp. prom aire 0.002634 0.002800 0.941 0.347

L16.Conduct -0.757574 3.539849 -0.214 0.831

L16.Water -7.886681 48.451611 -0.163 0.871

L16.Temp -0.274146 13.931350 -0.020 0.984

L16.Precip. horaria 0.033752 0.029819 1.132 0.258

L16.Temp. prom aire 0.002363 0.002789 0.847 0.397

L17.Conduct 3.543499 3.529688 1.004 0.315

L17.Water 8.847252 47.638009 0.186 0.853

L17.Temp -1.184811 14.832229 -0.080 0.936

L17.Precip. horaria 0.019471 0.029313 0.664 0.507

L17.Temp. prom aire -0.000586 0.002767 -0.212 0.832

L18.Conduct -2.965976 3.583258 -0.828 0.408

L18.Water -5.799113 48.651859 -0.119 0.905

L18.Temp -9.459669 15.372753 -0.615 0.538

L18.Precip. horaria 0.069754 0.030845 2.261 0.024

L18.Temp. prom aire 0.001097 0.002816 0.389 0.697

L19.Conduct 2.275073 3.736692 0.609 0.543

L19.Water -12.076906 51.114628 -0.236 0.813

L19.Temp 18.557034 15.369235 1.207 0.227

L19.Precip. horaria 0.036794 0.029797 1.235 0.217

L19.Temp. prom aire 0.001421 0.002777 0.512 0.609

L20.Conduct -4.870114 3.853398 -1.264 0.206

L20.Water 35.556942 52.766735 0.674 0.500

L20.Temp -12.991708 15.183678 -0.856 0.392

L20.Precip. horaria 0.008273 0.030713 0.269 0.788

L20.Temp. prom aire 0.002962 0.002752 1.076 0.282

L21.Conduct 8.059966 3.854005 2.091 0.036

L21.Water -46.864966 53.443752 -0.877 0.381

L21.Temp -1.887792 15.471676 -0.122 0.903

L21.Precip. horaria -0.073251 0.031711 -2.310 0.021

L21.Temp. prom aire -0.004606 0.002746 -1.677 0.094

L22.Conduct -6.732616 3.821343 -1.762 0.078

L22.Water 41.828558 53.713925 0.779 0.436

L22.Temp 9.626806 16.231124 0.593 0.553

L22.Precip. horaria -0.050777 0.035416 -1.434 0.152

L22.Temp. prom aire 0.003751 0.002817 1.331 0.183

L23.Conduct 1.960375 3.756930 0.522 0.602

L23.Water -35.454082 52.925647 -0.670 0.503

L23.Temp -6.594443 16.731270 -0.394 0.693

L23.Precip. horaria 0.064199 0.034910 1.839 0.066

L23.Temp. prom aire 0.000380 0.002859 0.133 0.894

L24.Conduct 1.233464 3.641360 0.339 0.735

L24.Water 39.198037 51.008174 0.768 0.442

L24.Temp 5.333929 16.901250 0.316 0.752

L24.Precip. horaria 0.089886 0.034611 2.597 0.009

L24.Temp. prom aire -0.003193 0.002789 -1.145 0.252

L25.Conduct 0.149333 3.554255 0.042 0.966

L25.Water -48.542314 49.310357 -0.984 0.325

L25.Temp -13.834752 17.190688 -0.805 0.421

L25.Precip. horaria 0.017387 0.034946 0.498 0.619

L25.Temp. prom aire 0.000512 0.002827 0.181 0.856

L26.Conduct -3.791216 3.577016 -1.060 0.289

L26.Water 51.978203 49.011337 1.061 0.289

L26.Temp 22.982678 17.432894 1.318 0.187

L26.Precip. horaria -0.074044 0.036194 -2.046 0.041

L26.Temp. prom aire 0.002112 0.002832 0.746 0.456

L27.Conduct 4.311751 3.637092 1.185 0.236

L27.Water -43.353794 48.989780 -0.885 0.376

L27.Temp -17.312236 17.133551 -1.010 0.312

L27.Precip. horaria -0.006453 0.035668 -0.181 0.856

L27.Temp. prom aire -0.004877 0.002798 -1.743 0.081

L28.Conduct -1.472725 3.588524 -0.410 0.682

L28.Water 28.494009 48.611167 0.586 0.558

L28.Temp -3.452383 16.502760 -0.209 0.834

L28.Precip. horaria -0.017433 0.034688 -0.503 0.615

L28.Temp. prom aire 0.005869 0.002786 2.107 0.035

L29.Conduct -0.213815 3.450712 -0.062 0.951

L29.Water -15.729346 48.021710 -0.328 0.743

L29.Temp 21.758682 16.077323 1.353 0.176

L29.Precip. horaria 0.132430 0.034820 3.803 0.000

L29.Temp. prom aire -0.004779 0.002796 -1.709 0.087

L30.Conduct -0.861990 3.283183 -0.263 0.793

L30.Water 3.847853 46.671321 0.082 0.934

L30.Temp -24.435323 15.581974 -1.568 0.117

L30.Precip. horaria -0.030759 0.036083 -0.852 0.394

L30.Temp. prom aire -0.001040 0.002808 -0.370 0.711

L31.Conduct 2.203285 3.048459 0.723 0.470

L31.Water 10.251716 43.815174 0.234 0.815

L31.Temp 17.465956 14.634153 1.194 0.233

L31.Precip. horaria 0.047389 0.035244 1.345 0.179

L31.Temp. prom aire -0.000501 0.002788 -0.180 0.857

L32.Conduct -0.975138 2.721773 -0.358 0.720

L32.Water -21.976193 39.676278 -0.554 0.580

L32.Temp -14.781407 13.801204 -1.071 0.284

L32.Precip. horaria 0.001127 0.034458 0.033 0.974

L32.Temp. prom aire -0.002343 0.002755 -0.850 0.395

L33.Conduct -1.938678 2.361311 -0.821 0.412

L33.Water 26.420883 36.142061 0.731 0.465

L33.Temp 17.904889 13.877810 1.290 0.197

L33.Precip. horaria 0.016617 0.033553 0.495 0.620

L33.Temp. prom aire -0.002927 0.002805 -1.043 0.297

L34.Conduct 3.106847 2.167286 1.434 0.152

L34.Water -26.591797 34.454338 -0.772 0.440

L34.Temp -15.015222 14.315884 -1.049 0.294

L34.Precip. horaria -0.055428 0.033842 -1.638 0.101

L34.Temp. prom aire -0.000496 0.002795 -0.177 0.859

L35.Conduct -2.036719 2.153086 -0.946 0.344

L35.Water 28.837731 33.855877 0.852 0.394

L35.Temp 1.668471 14.403281 0.116 0.908

L35.Precip. horaria 0.074460 0.033385 2.230 0.026

L35.Temp. prom aire 0.001271 0.002807 0.453 0.651

L36.Conduct 0.667544 2.123260 0.314 0.753

L36.Water -33.986965 33.313848 -1.020 0.308

L36.Temp 11.170353 14.372004 0.777 0.437

L36.Precip. horaria -0.104404 0.032774 -3.186 0.001

L36.Temp. prom aire 0.001461 0.002823 0.517 0.605

L37.Conduct -0.071844 2.046260 -0.035 0.972

L37.Water 35.716462 32.299783 1.106 0.269

L37.Temp -12.579454 14.097037 -0.892 0.372

L37.Precip. horaria 0.070239 0.034287 2.049 0.041

L37.Temp. prom aire -0.002520 0.002784 -0.905 0.365

L38.Conduct 0.333471 1.880607 0.177 0.859

L38.Water -29.164409 29.859893 -0.977 0.329

L38.Temp 4.864557 12.868480 0.378 0.705

L38.Precip. horaria -0.105134 0.036239 -2.901 0.004

L38.Temp. prom aire 0.002288 0.002755 0.830 0.406

L39.Conduct -0.680245 1.528521 -0.445 0.656

L39.Water 18.096048 25.187736 0.718 0.472

L39.Temp 0.473004 10.672579 0.044 0.965

L39.Precip. horaria -0.001580 0.037395 -0.042 0.966

L39.Temp. prom aire -0.000448 0.002759 -0.162 0.871

L40.Conduct 0.384725 0.990784 0.388 0.698

L40.Water -6.895058 20.013163 -0.345 0.730

L40.Temp 1.659675 8.938721 0.186 0.853

L40.Precip. horaria 0.047418 0.035090 1.351 0.177

L40.Temp. prom aire 0.000718 0.002753 0.261 0.794

L41.Conduct 0.274230 0.508354 0.539 0.590

L41.Water -5.955985 16.983833 -0.351 0.726

L41.Temp -4.562374 8.685779 -0.525 0.599

L41.Precip. horaria -0.052362 0.035915 -1.458 0.145

L41.Temp. prom aire -0.001139 0.002716 -0.420 0.675

L42.Conduct -0.743342 0.364598 -2.039 0.041

L42.Water 18.731835 15.975489 1.173 0.241

L42.Temp 2.321867 8.854937 0.262 0.793

L42.Precip. horaria 0.002631 0.036443 0.072 0.942

L42.Temp. prom aire -0.001245 0.002698 -0.461 0.645

L43.Conduct 0.664105 0.355139 1.870 0.061

L43.Water -23.373413 15.560735 -1.502 0.133

L43.Temp 2.368396 8.824570 0.268 0.788

L43.Precip. horaria 0.019216 0.037760 0.509 0.611

L43.Temp. prom aire 0.003053 0.002710 1.126 0.260

L44.Conduct -0.228904 0.311702 -0.734 0.463

L44.Water 17.301109 14.706511 1.176 0.239

L44.Temp -3.956534 8.427492 -0.469 0.639

L44.Precip. horaria -0.010244 0.039032 -0.262 0.793

L44.Temp. prom aire -0.000147 0.002700 -0.055 0.956

L45.Conduct 0.086170 0.257784 0.334 0.738

L45.Water -7.919634 12.354454 -0.641 0.522

L45.Temp 1.253367 7.253305 0.173 0.863

L45.Precip. horaria 0.026897 0.040483 0.664 0.506

L45.Temp. prom aire -0.003943 0.002726 -1.447 0.148

L46.Conduct -0.215937 0.228392 -0.945 0.344

L46.Water 2.194374 8.073598 0.272 0.786

L46.Temp 1.591398 5.038036 0.316 0.752

L46.Precip. horaria 0.017724 0.041874 0.423 0.672

L46.Temp. prom aire 0.002174 0.002734 0.795 0.427

L47.Conduct 0.181987 0.155910 1.167 0.243

L47.Water -0.333451 3.451320 -0.097 0.923

L47.Temp -1.561115 2.376343 -0.657 0.511

L47.Precip. horaria -0.026133 0.038728 -0.675 0.500

L47.Temp. prom aire -0.000743 0.002725 -0.273 0.785

L48.Conduct -0.048119 0.046947 -1.025 0.305

L48.Water 0.017372 0.702177 0.025 0.980

L48.Temp 0.413830 0.540198 0.766 0.444

L48.Precip. horaria 0.011195 0.038330 0.292 0.770

L48.Temp. prom aire -0.002026 0.002512 -0.806 0.420

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.015116 0.007093 2.131 0.033

L1.Conduct -0.045298 0.007908 -5.728 0.000

L1.Water 4.984544 0.098601 50.553 0.000

L1.Temp 0.067627 0.032812 2.061 0.039

L1.Precip. horaria 0.001198 0.001832 0.654 0.513

L1.Temp. prom aire -0.000037 0.000182 -0.204 0.839

L2.Conduct 0.191210 0.036758 5.202 0.000

L2.Water -11.019002 0.485622 -22.690 0.000

L2.Temp -0.406068 0.132662 -3.061 0.002

L2.Precip. horaria -0.004916 0.001830 -2.687 0.007

L2.Temp. prom aire -0.000063 0.000190 -0.332 0.740

L3.Conduct -0.336818 0.081725 -4.121 0.000

L3.Water 14.232344 1.124138 12.661 0.000

L3.Temp 1.080827 0.253108 4.270 0.000

L3.Precip. horaria -0.001881 0.001893 -0.994 0.320

L3.Temp. prom aire -0.000222 0.000186 -1.193 0.233

L4.Conduct 0.310058 0.121742 2.547 0.011

L4.Water -11.716897 1.699844 -6.893 0.000

L4.Temp -1.682838 0.334378 -5.033 0.000

L4.Precip. horaria 0.002297 0.001962 1.171 0.242

L4.Temp. prom aire 0.000688 0.000188 3.653 0.000

L5.Conduct -0.121939 0.144521 -0.844 0.399

L5.Water 6.068046 2.006044 3.025 0.002

L5.Temp 1.705221 0.383814 4.443 0.000

L5.Precip. horaria -0.000099 0.002133 -0.046 0.963

L5.Temp. prom aire -0.000379 0.000195 -1.948 0.051

L6.Conduct -0.067190 0.153659 -0.437 0.662

L6.Water -1.518292 2.128419 -0.713 0.476

L6.Temp -1.194128 0.429333 -2.781 0.005

L6.Precip. horaria -0.006851 0.002155 -3.179 0.001

L6.Temp. prom aire 0.000097 0.000194 0.499 0.618

L7.Conduct 0.158232 0.157246 1.006 0.314

L7.Water -1.810841 2.206702 -0.821 0.412

L7.Temp 0.664156 0.484194 1.372 0.170

L7.Precip. horaria -0.000294 0.002283 -0.129 0.897

L7.Temp. prom aire 0.000218 0.000195 1.119 0.263

L8.Conduct -0.220757 0.158595 -1.392 0.164

L8.Water 7.072586 2.241848 3.155 0.002

L8.Temp -0.401068 0.553940 -0.724 0.469

L8.Precip. horaria 0.000688 0.002335 0.294 0.768

L8.Temp. prom aire -0.000147 0.000199 -0.740 0.460

L9.Conduct 0.357743 0.166788 2.145 0.032

L9.Water -13.630872 2.364122 -5.766 0.000

L9.Temp 0.036116 0.637944 0.057 0.955

L9.Precip. horaria 0.006299 0.002368 2.660 0.008

L9.Temp. prom aire -0.000064 0.000202 -0.318 0.751

L10.Conduct -0.503549 0.192326 -2.618 0.009

L10.Water 16.677814 2.758432 6.046 0.000

L10.Temp 0.825504 0.714183 1.156 0.248

L10.Precip. horaria -0.001048 0.002433 -0.431 0.667

L10.Temp. prom aire 0.000048 0.000201 0.239 0.811

L11.Conduct 0.491898 0.222604 2.210 0.027

L11.Water -13.813249 3.232414 -4.273 0.000

L11.Temp -1.808253 0.741483 -2.439 0.015

L11.Precip. horaria -0.005708 0.002370 -2.409 0.016

L11.Temp. prom aire 0.000004 0.000202 0.022 0.982

L12.Conduct -0.236164 0.243219 -0.971 0.332

L12.Water 7.472686 3.528860 2.118 0.034

L12.Temp 2.224044 0.731613 3.040 0.002

L12.Precip. horaria 0.005130 0.002364 2.170 0.030

L12.Temp. prom aire 0.000181 0.000200 0.906 0.365

L13.Conduct -0.164923 0.251382 -0.656 0.512

L13.Water -2.297703 3.630196 -0.633 0.527

L13.Temp -1.956983 0.744665 -2.628 0.009

L13.Precip. horaria 0.006568 0.002367 2.775 0.006

L13.Temp. prom aire -0.000072 0.000200 -0.359 0.719

L14.Conduct 0.455214 0.254251 1.790 0.073

L14.Water -0.427008 3.656060 -0.117 0.907

L14.Temp 1.600825 0.821423 1.949 0.051

L14.Precip. horaria 0.000653 0.002347 0.278 0.781

L14.Temp. prom aire -0.000006 0.000198 -0.029 0.977

L15.Conduct -0.525095 0.257864 -2.036 0.042

L15.Water 4.186473 3.630230 1.153 0.249

L15.Temp -1.698554 0.931654 -1.823 0.068

L15.Precip. horaria -0.001183 0.002251 -0.525 0.599

L15.Temp. prom aire -0.000002 0.000205 -0.008 0.993

L16.Conduct 0.531874 0.259422 2.050 0.040

L16.Water -10.068290 3.550827 -2.835 0.005

L16.Temp 1.769692 1.020974 1.733 0.083

L16.Precip. horaria 0.002237 0.002185 1.024 0.306

L16.Temp. prom aire 0.000338 0.000204 1.652 0.098

L17.Conduct -0.600066 0.258677 -2.320 0.020

L17.Water 14.076622 3.491202 4.032 0.000

L17.Temp -0.947844 1.086996 -0.872 0.383

L17.Precip. horaria 0.005505 0.002148 2.563 0.010

L17.Temp. prom aire 0.000136 0.000203 0.671 0.502

L18.Conduct 0.643033 0.262603 2.449 0.014

L18.Water -12.991939 3.565503 -3.644 0.000

L18.Temp -0.630811 1.126608 -0.560 0.576

L18.Precip. horaria -0.000723 0.002261 -0.320 0.749

L18.Temp. prom aire 0.000120 0.000206 0.581 0.561

L19.Conduct -0.450872 0.273847 -1.646 0.100

L19.Water 8.237520 3.745989 2.199 0.028

L19.Temp 2.018673 1.126351 1.792 0.073

L19.Precip. horaria -0.001242 0.002184 -0.569 0.570

L19.Temp. prom aire 0.000130 0.000204 0.638 0.523

L20.Conduct 0.007383 0.282400 0.026 0.979

L20.Water -4.056639 3.867066 -1.049 0.294

L20.Temp -2.503314 1.112752 -2.250 0.024

L20.Precip. horaria 0.002049 0.002251 0.910 0.363

L20.Temp. prom aire 0.000199 0.000202 0.984 0.325

L21.Conduct 0.360078 0.282445 1.275 0.202

L21.Water 1.804676 3.916682 0.461 0.645

L21.Temp 2.280317 1.133858 2.011 0.044

L21.Precip. horaria 0.001731 0.002324 0.745 0.456

L21.Temp. prom aire -0.000278 0.000201 -1.381 0.167

L22.Conduct -0.440331 0.280051 -1.572 0.116

L22.Water 1.404261 3.936482 0.357 0.721

L22.Temp -2.086669 1.189515 -1.754 0.079

L22.Precip. horaria -0.006320 0.002595 -2.435 0.015

L22.Temp. prom aire 0.000274 0.000206 1.326 0.185

L23.Conduct 0.396863 0.275331 1.441 0.149

L23.Water -6.572225 3.878712 -1.694 0.090

L23.Temp 1.940148 1.226169 1.582 0.114

L23.Precip. horaria 0.001346 0.002558 0.526 0.599

L23.Temp. prom aire 0.000047 0.000209 0.227 0.821

L24.Conduct -0.469350 0.266861 -1.759 0.079

L24.Water 10.885142 3.738188 2.912 0.004

L24.Temp -1.178256 1.238626 -0.951 0.341

L24.Precip. horaria 0.005122 0.002536 2.019 0.043

L24.Temp. prom aire -0.000208 0.000204 -1.018 0.309

L25.Conduct 0.682732 0.260477 2.621 0.009

L25.Water -11.660228 3.613762 -3.227 0.001

L25.Temp -0.349205 1.259838 -0.277 0.782

L25.Precip. horaria 0.002985 0.002561 1.166 0.244

L25.Temp. prom aire -0.000057 0.000207 -0.275 0.784

L26.Conduct -0.749778 0.262145 -2.860 0.004

L26.Water 8.976490 3.591848 2.499 0.012

L26.Temp 1.892919 1.277588 1.482 0.138

L26.Precip. horaria -0.007339 0.002653 -2.767 0.006

L26.Temp. prom aire 0.000229 0.000208 1.102 0.271

L27.Conduct 0.458764 0.266548 1.721 0.085

L27.Water -5.595970 3.590268 -1.559 0.119

L27.Temp -2.370189 1.255650 -1.888 0.059

L27.Precip. horaria -0.000096 0.002614 -0.037 0.971

L27.Temp. prom aire -0.000069 0.000205 -0.335 0.738

L28.Conduct -0.057353 0.262989 -0.218 0.827

L28.Water 3.182624 3.562521 0.893 0.372

L28.Temp 1.610126 1.209422 1.331 0.183

L28.Precip. horaria -0.003040 0.002542 -1.196 0.232

L28.Temp. prom aire 0.000146 0.000204 0.713 0.476

L29.Conduct -0.149782 0.252889 -0.592 0.554

L29.Water -0.175111 3.519322 -0.050 0.960

L29.Temp -0.671123 1.178244 -0.570 0.569

L29.Precip. horaria 0.013557 0.002552 5.313 0.000

L29.Temp. prom aire -0.000147 0.000205 -0.717 0.474

L30.Conduct 0.173963 0.240612 0.723 0.470

L30.Water -4.146341 3.420357 -1.212 0.225

L30.Temp 0.337896 1.141941 0.296 0.767

L30.Precip. horaria -0.001917 0.002644 -0.725 0.468

L30.Temp. prom aire -0.000123 0.000206 -0.599 0.549

L31.Conduct -0.176636 0.223410 -0.791 0.429

L31.Water 7.427848 3.211041 2.313 0.021

L31.Temp -0.255998 1.072479 -0.239 0.811

L31.Precip. horaria 0.005596 0.002583 2.166 0.030

L31.Temp. prom aire -0.000076 0.000204 -0.370 0.711

L32.Conduct 0.246075 0.199468 1.234 0.217

L32.Water -7.286483 2.907718 -2.506 0.012

L32.Temp -0.250382 1.011436 -0.248 0.804

L32.Precip. horaria -0.000194 0.002525 -0.077 0.939

L32.Temp. prom aire 0.000130 0.000202 0.643 0.520

L33.Conduct -0.287578 0.173051 -1.662 0.097

L33.Water 4.329912 2.648709 1.635 0.102

L33.Temp 1.102434 1.017050 1.084 0.278

L33.Precip. horaria 0.003260 0.002459 1.326 0.185

L33.Temp. prom aire -0.000250 0.000206 -1.217 0.224

L34.Conduct 0.212827 0.158832 1.340 0.180

L34.Water -1.615501 2.525023 -0.640 0.522

L34.Temp -1.441644 1.049155 -1.374 0.169

L34.Precip. horaria -0.000811 0.002480 -0.327 0.744

L34.Temp. prom aire -0.000087 0.000205 -0.426 0.670

L35.Conduct -0.093119 0.157791 -0.590 0.555

L35.Water 0.569625 2.481164 0.230 0.818

L35.Temp 0.916965 1.055560 0.869 0.385

L35.Precip. horaria 0.001537 0.002447 0.628 0.530

L35.Temp. prom aire 0.000123 0.000206 0.600 0.549

L36.Conduct -0.021631 0.155605 -0.139 0.889

L36.Water 0.447236 2.441440 0.183 0.855

L36.Temp -0.252600 1.053267 -0.240 0.810

L36.Precip. horaria 0.000430 0.002402 0.179 0.858

L36.Temp. prom aire 0.000066 0.000207 0.317 0.751

L37.Conduct 0.097301 0.149962 0.649 0.516

L37.Water -2.362114 2.367124 -0.998 0.318

L37.Temp 0.151878 1.033116 0.147 0.883

L37.Precip. horaria -0.000282 0.002513 -0.112 0.911

L37.Temp. prom aire 0.000152 0.000204 0.747 0.455

L38.Conduct -0.076184 0.137822 -0.553 0.580

L38.Water 3.707012 2.188314 1.694 0.090

L38.Temp -0.460618 0.943080 -0.488 0.625

L38.Precip. horaria -0.002263 0.002656 -0.852 0.394

L38.Temp. prom aire -0.000120 0.000202 -0.593 0.553

L39.Conduct 0.013800 0.112019 0.123 0.902

L39.Water -3.081077 1.845910 -1.669 0.095

L39.Temp 0.526919 0.782151 0.674 0.501

L39.Precip. horaria -0.000475 0.002741 -0.173 0.863

L39.Temp. prom aire 0.000087 0.000202 0.430 0.667

L40.Conduct 0.003877 0.072611 0.053 0.957

L40.Water 1.147589 1.466686 0.782 0.434

L40.Temp -0.146850 0.655084 -0.224 0.823

L40.Precip. horaria -0.000595 0.002572 -0.231 0.817

L40.Temp. prom aire -0.000069 0.000202 -0.344 0.731

L41.Conduct 0.019089 0.037255 0.512 0.608

L41.Water 0.133907 1.244678 0.108 0.914

L41.Temp -0.169336 0.636547 -0.266 0.790

L41.Precip. horaria 0.000848 0.002632 0.322 0.747

L41.Temp. prom aire 0.000143 0.000199 0.717 0.473

L42.Conduct -0.032110 0.026720 -1.202 0.229

L42.Water -0.200217 1.170781 -0.171 0.864

L42.Temp 0.043006 0.648943 0.066 0.947

L42.Precip. horaria 0.001365 0.002671 0.511 0.609

L42.Temp. prom aire -0.000159 0.000198 -0.805 0.421

L43.Conduct -0.000524 0.026027 -0.020 0.984

L43.Water 0.371427 1.140385 0.326 0.745

L43.Temp 0.309337 0.646718 0.478 0.632

L43.Precip. horaria -0.003134 0.002767 -1.133 0.257

L43.Temp. prom aire 0.000173 0.000199 0.873 0.383

L44.Conduct 0.038016 0.022843 1.664 0.096

L44.Water -1.218493 1.077782 -1.131 0.258

L44.Temp -0.491278 0.617618 -0.795 0.426

L44.Precip. horaria -0.001215 0.002861 -0.425 0.671

L44.Temp. prom aire 0.000076 0.000198 0.386 0.699

L45.Conduct -0.027073 0.018892 -1.433 0.152

L45.Water 1.803545 0.905409 1.992 0.046

L45.Temp 0.347621 0.531566 0.654 0.513

L45.Precip. horaria 0.004313 0.002967 1.454 0.146

L45.Temp. prom aire -0.000119 0.000200 -0.593 0.553

L46.Conduct 0.001909 0.016738 0.114 0.909

L46.Water -1.505738 0.591682 -2.545 0.011

L46.Temp -0.083482 0.369218 -0.226 0.821

L46.Precip. horaria 0.007960 0.003069 2.594 0.009

L46.Temp. prom aire 0.000039 0.000200 0.192 0.848

L47.Conduct 0.001867 0.011426 0.163 0.870

L47.Water 0.728141 0.252934 2.879 0.004

L47.Temp -0.033590 0.174153 -0.193 0.847

L47.Precip. horaria 0.001968 0.002838 0.694 0.488

L47.Temp. prom aire 0.000079 0.000200 0.396 0.692

L48.Conduct 0.000288 0.003441 0.084 0.933

L48.Water -0.158430 0.051460 -3.079 0.002

L48.Temp 0.018097 0.039589 0.457 0.648

L48.Precip. horaria 0.006437 0.002809 2.292 0.022

L48.Temp. prom aire -0.000229 0.000184 -1.243 0.214

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.008062 0.016952 -0.476 0.634

L1.Conduct 0.063857 0.018900 3.379 0.001

L1.Water -0.609634 0.235663 -2.587 0.010

L1.Temp 3.823937 0.078422 48.761 0.000

L1.Precip. horaria 0.007395 0.004379 1.689 0.091

L1.Temp. prom aire 0.000178 0.000436 0.408 0.683

L2.Conduct -0.283369 0.087855 -3.225 0.001

L2.Water 2.707680 1.160668 2.333 0.020

L2.Temp -6.039833 0.317071 -19.049 0.000

L2.Precip. horaria 0.004841 0.004373 1.107 0.268

L2.Temp. prom aire 0.000383 0.000454 0.844 0.399

L3.Conduct 0.514673 0.195327 2.635 0.008

L3.Water -4.868948 2.686763 -1.812 0.070

L3.Temp 5.037024 0.604946 8.326 0.000

L3.Precip. horaria 0.001359 0.004523 0.301 0.764

L3.Temp. prom aire -0.000365 0.000444 -0.821 0.412

L4.Conduct -0.519620 0.290971 -1.786 0.074

L4.Water 4.515690 4.062739 1.111 0.266

L4.Temp -2.082752 0.799186 -2.606 0.009

L4.Precip. horaria -0.003628 0.004690 -0.774 0.439

L4.Temp. prom aire -0.000846 0.000450 -1.878 0.060

L5.Conduct 0.368810 0.345414 1.068 0.286

L5.Water -2.423981 4.794578 -0.506 0.613

L5.Temp -0.024684 0.917340 -0.027 0.979

L5.Precip. horaria 0.006495 0.005098 1.274 0.203

L5.Temp. prom aire 0.000267 0.000465 0.575 0.566

L6.Conduct -0.266197 0.367255 -0.725 0.469

L6.Water 1.586029 5.087060 0.312 0.755

L6.Temp 0.338874 1.026134 0.330 0.741

L6.Precip. horaria 0.002797 0.005151 0.543 0.587

L6.Temp. prom aire 0.000771 0.000464 1.660 0.097

L7.Conduct 0.272747 0.375829 0.726 0.468

L7.Water -2.770353 5.274162 -0.525 0.599

L7.Temp -1.155311 1.157255 -0.998 0.318

L7.Precip. horaria -0.001859 0.005458 -0.341 0.733

L7.Temp. prom aire 0.000269 0.000465 0.578 0.564

L8.Conduct -0.243981 0.379053 -0.644 0.520

L8.Water 3.176152 5.358163 0.593 0.553

L8.Temp 4.440463 1.323952 3.354 0.001

L8.Precip. horaria 0.001088 0.005582 0.195 0.845

L8.Temp. prom aire 0.000161 0.000474 0.339 0.734

L9.Conduct -0.059248 0.398635 -0.149 0.882

L9.Water 0.193609 5.650407 0.034 0.973

L9.Temp -7.328026 1.524729 -4.806 0.000

L9.Precip. horaria -0.000548 0.005660 -0.097 0.923

L9.Temp. prom aire -0.000586 0.000483 -1.213 0.225

L10.Conduct 0.514958 0.459671 1.120 0.263

L10.Water -4.905499 6.592834 -0.744 0.457

L10.Temp 6.708207 1.706944 3.930 0.000

L10.Precip. horaria 0.012599 0.005814 2.167 0.030

L10.Temp. prom aire -0.000065 0.000480 -0.135 0.893

L11.Conduct -0.792776 0.532039 -1.490 0.136

L11.Water 6.279093 7.725682 0.813 0.416

L11.Temp -4.202000 1.772193 -2.371 0.018

L11.Precip. horaria 0.006245 0.005664 1.103 0.270

L11.Temp. prom aire -0.000227 0.000483 -0.470 0.638

L12.Conduct 0.921325 0.581308 1.585 0.113

L12.Water -5.648340 8.434207 -0.670 0.503

L12.Temp 3.668321 1.748602 2.098 0.036

L12.Precip. horaria 0.006440 0.005650 1.140 0.254

L12.Temp. prom aire -0.000494 0.000478 -1.034 0.301

L13.Conduct -1.091343 0.600819 -1.816 0.069

L13.Water 7.717456 8.676406 0.889 0.374

L13.Temp -6.563578 1.779798 -3.688 0.000

L13.Precip. horaria -0.002173 0.005656 -0.384 0.701

L13.Temp. prom aire -0.000149 0.000478 -0.311 0.756

L14.Conduct 1.340104 0.607676 2.205 0.027

L14.Water -13.068931 8.738223 -1.496 0.135

L14.Temp 8.795509 1.963256 4.480 0.000

L14.Precip. horaria -0.001488 0.005609 -0.265 0.791

L14.Temp. prom aire 0.000099 0.000474 0.208 0.835

L15.Conduct -1.451940 0.616312 -2.356 0.018

L15.Water 16.825160 8.676488 1.939 0.052

L15.Temp -5.687678 2.226714 -2.554 0.011

L15.Precip. horaria 0.004894 0.005381 0.910 0.363

L15.Temp. prom aire 0.000119 0.000490 0.243 0.808

L16.Conduct 1.069827 0.620035 1.725 0.084

L16.Water -13.647733 8.486711 -1.608 0.108

L16.Temp -0.382067 2.440194 -0.157 0.876

L16.Precip. horaria 0.001259 0.005223 0.241 0.810

L16.Temp. prom aire 0.000183 0.000489 0.374 0.708

L17.Conduct -0.267893 0.618255 -0.433 0.665

L17.Water 5.137532 8.344201 0.616 0.538

L17.Temp 3.967343 2.597991 1.527 0.127

L17.Precip. horaria 0.004615 0.005134 0.899 0.369

L17.Temp. prom aire -0.000693 0.000485 -1.430 0.153

L18.Conduct -0.505400 0.627638 -0.805 0.421

L18.Water 2.155990 8.521786 0.253 0.800

L18.Temp -4.063511 2.692668 -1.509 0.131

L18.Precip. horaria 0.007943 0.005403 1.470 0.142

L18.Temp. prom aire 0.000548 0.000493 1.111 0.267

L19.Conduct 0.963011 0.654513 1.471 0.141

L19.Water -5.433313 8.953161 -0.607 0.544

L19.Temp 4.344229 2.692052 1.614 0.107

L19.Precip. horaria -0.002795 0.005219 -0.535 0.592

L19.Temp. prom aire 0.000242 0.000486 0.498 0.618

L20.Conduct -1.066246 0.674955 -1.580 0.114

L20.Water 6.775978 9.242541 0.733 0.463

L20.Temp -7.661199 2.659550 -2.881 0.004

L20.Precip. horaria -0.009817 0.005380 -1.825 0.068

L20.Temp. prom aire -0.000504 0.000482 -1.045 0.296

L21.Conduct 1.063041 0.675062 1.575 0.115

L21.Water -9.022924 9.361127 -0.964 0.335

L21.Temp 10.496883 2.709995 3.873 0.000

L21.Precip. horaria 0.007247 0.005554 1.305 0.192

L21.Temp. prom aire 0.000869 0.000481 1.807 0.071

L22.Conduct -1.114175 0.669341 -1.665 0.096

L22.Water 11.253121 9.408450 1.196 0.232

L22.Temp -7.856048 2.843019 -2.763 0.006

L22.Precip. horaria 0.014240 0.006203 2.296 0.022

L22.Temp. prom aire -0.000824 0.000493 -1.670 0.095

L23.Conduct 0.949968 0.658058 1.444 0.149

L23.Water -9.175360 9.270376 -0.990 0.322

L23.Temp 1.615235 2.930624 0.551 0.582

L23.Precip. horaria -0.002409 0.006115 -0.394 0.694

L23.Temp. prom aire -0.000370 0.000501 -0.740 0.459

L24.Conduct -0.406536 0.637815 -0.637 0.524

L24.Water 2.747703 8.934514 0.308 0.758

L24.Temp 2.433347 2.960397 0.822 0.411

L24.Precip. horaria -0.001576 0.006062 -0.260 0.795

L24.Temp. prom aire -0.000205 0.000489 -0.419 0.675

L25.Conduct -0.312023 0.622558 -0.501 0.616

L25.Water 3.319319 8.637127 0.384 0.701

L25.Temp -1.991381 3.011095 -0.661 0.508

L25.Precip. horaria -0.013237 0.006121 -2.163 0.031

L25.Temp. prom aire 0.000565 0.000495 1.142 0.254

L26.Conduct 0.864160 0.626545 1.379 0.168

L26.Water -6.654490 8.584751 -0.775 0.438

L26.Temp 0.622468 3.053519 0.204 0.838

L26.Precip. horaria 0.006537 0.006340 1.031 0.303

L26.Temp. prom aire 0.000086 0.000496 0.174 0.862

L27.Conduct -1.035571 0.637068 -1.626 0.104

L27.Water 8.820802 8.580976 1.028 0.304

L27.Temp -2.907785 3.001087 -0.969 0.333

L27.Precip. horaria 0.003308 0.006247 0.529 0.596

L27.Temp. prom aire -0.000206 0.000490 -0.420 0.675

L28.Conduct 1.063908 0.628560 1.693 0.091

L28.Water -12.384960 8.514658 -1.455 0.146

L28.Temp 7.227877 2.890598 2.500 0.012

L28.Precip. horaria 0.003594 0.006076 0.591 0.554

L28.Temp. prom aire -0.000285 0.000488 -0.585 0.559

L29.Conduct -1.250654 0.604422 -2.069 0.039

L29.Water 17.012767 8.411410 2.023 0.043

L29.Temp -8.489394 2.816080 -3.015 0.003

L29.Precip. horaria -0.004973 0.006099 -0.815 0.415

L29.Temp. prom aire 0.000124 0.000490 0.253 0.800

L30.Conduct 1.383322 0.575077 2.405 0.016

L30.Water -18.486561 8.174878 -2.261 0.024

L30.Temp 5.821851 2.729315 2.133 0.033

L30.Precip. horaria 0.012379 0.006320 1.959 0.050

L30.Temp. prom aire 0.000455 0.000492 0.926 0.355

L31.Conduct -1.077020 0.533963 -2.017 0.044

L31.Water 14.196987 7.674599 1.850 0.064

L31.Temp -2.730015 2.563296 -1.065 0.287

L31.Precip. horaria -0.010359 0.006173 -1.678 0.093

L31.Temp. prom aire -0.000200 0.000488 -0.409 0.683

L32.Conduct 0.345680 0.476742 0.725 0.468

L32.Water -6.826262 6.949637 -0.982 0.326

L32.Temp 2.238783 2.417398 0.926 0.354

L32.Precip. horaria 0.009112 0.006036 1.510 0.131

L32.Temp. prom aire 0.000085 0.000483 0.175 0.861

L33.Conduct 0.366890 0.413604 0.887 0.375

L33.Water 0.600137 6.330589 0.095 0.924

L33.Temp -2.668997 2.430816 -1.098 0.272

L33.Precip. horaria -0.000032 0.005877 -0.005 0.996

L33.Temp. prom aire -0.000369 0.000491 -0.751 0.453

L34.Conduct -0.712262 0.379618 -1.876 0.061

L34.Water 3.646979 6.034970 0.604 0.546

L34.Temp 0.032296 2.507548 0.013 0.990

L34.Precip. horaria 0.015648 0.005928 2.640 0.008

L34.Temp. prom aire 0.000761 0.000490 1.554 0.120

L35.Conduct 0.837410 0.377131 2.220 0.026

L35.Water -8.187223 5.930144 -1.381 0.167

L35.Temp 4.861679 2.522857 1.927 0.054

L35.Precip. horaria -0.002394 0.005848 -0.409 0.682

L35.Temp. prom aire -0.000249 0.000492 -0.506 0.613

L36.Conduct -0.976767 0.371907 -2.626 0.009

L36.Water 13.482080 5.835203 2.310 0.021

L36.Temp -7.312664 2.517378 -2.905 0.004

L36.Precip. horaria 0.016658 0.005741 2.902 0.004

L36.Temp. prom aire -0.000705 0.000494 -1.425 0.154

L37.Conduct 1.033856 0.358420 2.884 0.004

L37.Water -16.261027 5.657581 -2.874 0.004

L37.Temp 5.508523 2.469216 2.231 0.026

L37.Precip. horaria -0.025082 0.006006 -4.176 0.000

L37.Temp. prom aire 0.000543 0.000488 1.114 0.265

L38.Conduct -0.849798 0.329404 -2.580 0.010

L38.Water 14.316314 5.230214 2.737 0.006

L38.Temp -2.119698 2.254023 -0.940 0.347

L38.Precip. horaria 0.029074 0.006348 4.580 0.000

L38.Temp. prom aire -0.000495 0.000483 -1.026 0.305

L39.Conduct 0.493527 0.267733 1.843 0.065

L39.Water -9.737796 4.411846 -2.207 0.027

L39.Temp 0.500451 1.869393 0.268 0.789

L39.Precip. horaria -0.002192 0.006550 -0.335 0.738

L39.Temp. prom aire -0.000650 0.000483 -1.346 0.178

L40.Conduct -0.146040 0.173544 -0.842 0.400

L40.Water 5.298571 3.505475 1.512 0.131

L40.Temp -0.501283 1.565693 -0.320 0.749

L40.Precip. horaria -0.018042 0.006146 -2.935 0.003

L40.Temp. prom aire 0.000392 0.000482 0.813 0.416

L41.Conduct -0.079614 0.089042 -0.894 0.371

L41.Water -1.450964 2.974862 -0.488 0.626

L41.Temp -0.197132 1.521388 -0.130 0.897

L41.Precip. horaria 0.018194 0.006291 2.892 0.004

L41.Temp. prom aire 0.000261 0.000476 0.548 0.584

L42.Conduct 0.160029 0.063862 2.506 0.012

L42.Water -1.967545 2.798242 -0.703 0.482

L42.Temp 1.514377 1.551017 0.976 0.329

L42.Precip. horaria -0.007964 0.006383 -1.248 0.212

L42.Temp. prom aire -0.000716 0.000473 -1.514 0.130

L43.Conduct -0.125455 0.062206 -2.017 0.044

L43.Water 4.338123 2.725595 1.592 0.111

L43.Temp -1.623977 1.545698 -1.051 0.293

L43.Precip. horaria 0.003762 0.006614 0.569 0.570

L43.Temp. prom aire -0.000383 0.000475 -0.806 0.420

L44.Conduct 0.054327 0.054597 0.995 0.320

L44.Water -4.961553 2.575970 -1.926 0.054

L44.Temp 0.184811 1.476147 0.125 0.900

L44.Precip. horaria -0.009610 0.006837 -1.406 0.160

L44.Temp. prom aire 0.000561 0.000473 1.185 0.236

L45.Conduct -0.031737 0.045153 -0.703 0.482

L45.Water 3.919607 2.163987 1.811 0.070

L45.Temp 1.419464 1.270478 1.117 0.264

L45.Precip. horaria -0.000382 0.007091 -0.054 0.957

L45.Temp. prom aire 0.000135 0.000477 0.282 0.778

L46.Conduct 0.049986 0.040005 1.250 0.211

L46.Water -2.174336 1.414159 -1.538 0.124

L46.Temp -1.706044 0.882455 -1.933 0.053

L46.Precip. horaria 0.014110 0.007335 1.924 0.054

L46.Temp. prom aire 0.000337 0.000479 0.703 0.482

L47.Conduct -0.041584 0.027309 -1.523 0.128

L47.Water 0.775159 0.604528 1.282 0.200

L47.Temp 0.862900 0.416237 2.073 0.038

L47.Precip. horaria -0.004494 0.006784 -0.663 0.508

L47.Temp. prom aire -0.000025 0.000477 -0.053 0.958

L48.Conduct 0.011923 0.008223 1.450 0.147

L48.Water -0.130557 0.122992 -1.062 0.288

L48.Temp -0.168616 0.094620 -1.782 0.075

L48.Precip. horaria 0.006576 0.006714 0.979 0.327

L48.Temp. prom aire -0.000508 0.000440 -1.155 0.248

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.374698 0.276058 1.357 0.175

L1.Conduct 0.935181 0.307773 3.039 0.002

L1.Water -9.767842 3.837667 -2.545 0.011

L1.Temp 2.826437 1.277070 2.213 0.027

L1.Precip. horaria -0.027547 0.071314 -0.386 0.699

L1.Temp. prom aire -0.001537 0.007093 -0.217 0.828

L2.Conduct -3.227211 1.430676 -2.256 0.024

L2.Water 41.018831 18.900996 2.170 0.030

L2.Temp -10.391418 5.163375 -2.013 0.044

L2.Precip. horaria -0.258216 0.071211 -3.626 0.000

L2.Temp. prom aire 0.003562 0.007395 0.482 0.630

L3.Conduct 6.275034 3.180819 1.973 0.049

L3.Water -92.750175 43.752810 -2.120 0.034

L3.Temp 17.459182 9.851291 1.772 0.076

L3.Precip. horaria 0.093594 0.073660 1.271 0.204

L3.Temp. prom aire -0.012419 0.007232 -1.717 0.086

L4.Conduct -10.670036 4.738341 -2.252 0.024

L4.Water 169.212756 66.160008 2.558 0.011

L4.Temp -19.253011 13.014411 -1.479 0.139

L4.Precip. horaria -0.509751 0.076375 -6.674 0.000

L4.Temp. prom aire 0.000854 0.007335 0.116 0.907

L5.Conduct 15.467505 5.624925 2.750 0.006

L5.Water -253.039507 78.077699 -3.241 0.001

L5.Temp 15.093902 14.938498 1.010 0.312

L5.Precip. horaria -0.151274 0.083024 -1.822 0.068

L5.Temp. prom aire -0.000078 0.007573 -0.010 0.992

L6.Conduct -17.666562 5.980596 -2.954 0.003

L6.Water 289.139094 82.840653 3.490 0.000

L6.Temp -7.296709 16.710158 -0.437 0.662

L6.Precip. horaria -0.417869 0.083888 -4.981 0.000

L6.Temp. prom aire -0.007053 0.007563 -0.933 0.351

L7.Conduct 16.789278 6.120222 2.743 0.006

L7.Water -258.663994 85.887533 -3.012 0.003

L7.Temp 2.524702 18.845414 0.134 0.893

L7.Precip. horaria 0.132256 0.088876 1.488 0.137

L7.Temp. prom aire 0.006133 0.007571 0.810 0.418

L8.Conduct -13.635002 6.172724 -2.209 0.027

L8.Water 192.205610 87.255451 2.203 0.028

L8.Temp -1.619566 21.560014 -0.075 0.940

L8.Precip. horaria -0.287781 0.090899 -3.166 0.002

L8.Temp. prom aire -0.011156 0.007726 -1.444 0.149

L9.Conduct 8.615204 6.491604 1.327 0.184

L9.Water -115.156249 92.014515 -1.252 0.211

L9.Temp -0.575750 24.829575 -0.023 0.982

L9.Precip. horaria -0.118150 0.092165 -1.282 0.200

L9.Temp. prom aire 0.010568 0.007859 1.345 0.179

L10.Conduct -3.084307 7.485558 -0.412 0.680

L10.Water 34.846243 107.361553 0.325 0.746

L10.Temp 4.084166 27.796878 0.147 0.883

L10.Precip. horaria -0.449237 0.094681 -4.745 0.000

L10.Temp. prom aire -0.001697 0.007816 -0.217 0.828

L11.Conduct -2.110658 8.664029 -0.244 0.808

L11.Water 49.426333 125.809510 0.393 0.694

L11.Temp -3.660811 28.859426 -0.127 0.899

L11.Precip. horaria -0.086960 0.092238 -0.943 0.346

L11.Temp. prom aire -0.002282 0.007868 -0.290 0.772

L12.Conduct 6.175243 9.466362 0.652 0.514

L12.Water -120.065573 137.347543 -0.874 0.382

L12.Temp -6.553148 28.475261 -0.230 0.818

L12.Precip. horaria -0.037275 0.092004 -0.405 0.685

L12.Temp. prom aire 0.000263 0.007788 0.034 0.973

L13.Conduct -8.061844 9.784088 -0.824 0.410

L13.Water 145.064122 141.291654 1.027 0.305

L13.Temp 20.166071 28.983269 0.696 0.487

L13.Precip. horaria 0.034335 0.092111 0.373 0.709

L13.Temp. prom aire -0.005629 0.007787 -0.723 0.470

L14.Conduct 7.850372 9.895753 0.793 0.428

L14.Water -119.127333 142.298311 -0.837 0.402

L14.Temp -22.277222 31.970801 -0.697 0.486

L14.Precip. horaria -0.194795 0.091334 -2.133 0.033

L14.Temp. prom aire -0.005000 0.007715 -0.648 0.517

L15.Conduct -5.505847 10.036383 -0.549 0.583

L15.Water 67.470534 141.292990 0.478 0.633

L15.Temp 13.422440 36.261104 0.370 0.711

L15.Precip. horaria -0.218503 0.087625 -2.494 0.013

L15.Temp. prom aire -0.001522 0.007987 -0.191 0.849

L16.Conduct 2.214715 10.097004 0.219 0.826

L16.Water -35.492663 138.202546 -0.257 0.797

L16.Temp -4.094798 39.737545 -0.103 0.918

L16.Precip. horaria -0.156766 0.085054 -1.843 0.065

L16.Temp. prom aire -0.009105 0.007956 -1.144 0.252

L17.Conduct -0.108392 10.068021 -0.011 0.991

L17.Water 43.804996 135.881842 0.322 0.747

L17.Temp 0.787385 42.307196 0.019 0.985

L17.Precip. horaria -0.168863 0.083611 -2.020 0.043

L17.Temp. prom aire 0.000516 0.007891 0.065 0.948

L18.Conduct -0.968504 10.220825 -0.095 0.925

L18.Water -58.505134 138.773730 -0.422 0.673

L18.Temp -1.722241 43.848978 -0.039 0.969

L18.Precip. horaria -0.054779 0.087983 -0.623 0.534

L18.Temp. prom aire -0.006509 0.008032 -0.810 0.418

L19.Conduct 0.854569 10.658476 0.080 0.936

L19.Water 63.521551 145.798489 0.436 0.663

L19.Temp -7.096567 43.838944 -0.162 0.871

L19.Precip. horaria -0.375032 0.084992 -4.413 0.000

L19.Temp. prom aire -0.008856 0.007922 -1.118 0.264

L20.Conduct 1.113585 10.991368 0.101 0.919

L20.Water -80.675652 150.510932 -0.536 0.592

L20.Temp 27.377990 43.309664 0.632 0.527

L20.Precip. horaria -0.279957 0.087605 -3.196 0.001

L20.Temp. prom aire 0.010520 0.007849 1.340 0.180

L21.Conduct -3.597068 10.993097 -0.327 0.744

L21.Water 116.625230 152.442044 0.765 0.444

L21.Temp -37.398626 44.131144 -0.847 0.397

L21.Precip. horaria -0.603619 0.090452 -6.673 0.000

L21.Temp. prom aire 0.022566 0.007833 2.881 0.004

L22.Conduct 6.017180 10.899933 0.552 0.581

L22.Water -156.828464 153.212680 -1.024 0.306

L22.Temp 24.849772 46.297381 0.537 0.591

L22.Precip. horaria -0.179015 0.101019 -1.772 0.076

L22.Temp. prom aire -0.015990 0.008036 -1.990 0.047

L23.Conduct -8.655415 10.716202 -0.808 0.419

L23.Water 171.677008 150.964210 1.137 0.255

L23.Temp -1.789689 47.723987 -0.038 0.970

L23.Precip. horaria -0.201419 0.099576 -2.023 0.043

L23.Temp. prom aire -0.006453 0.008154 -0.791 0.429

L24.Conduct 10.236340 10.386552 0.986 0.324

L24.Water -141.017678 145.494842 -0.969 0.332

L24.Temp -11.042780 48.208837 -0.229 0.819

L24.Precip. horaria -0.082760 0.098723 -0.838 0.402

L24.Temp. prom aire 0.016102 0.007955 2.024 0.043

L25.Conduct -9.902928 10.138095 -0.977 0.329

L25.Water 86.954520 140.652018 0.618 0.536

L25.Temp 10.519725 49.034424 0.215 0.830

L25.Precip. horaria -0.494696 0.099681 -4.963 0.000

L25.Temp. prom aire -0.012781 0.008063 -1.585 0.113

L26.Conduct 7.879044 10.203020 0.772 0.440

L26.Water -40.233841 139.799097 -0.288 0.774

L26.Temp -18.726269 49.725289 -0.377 0.706

L26.Precip. horaria -0.252778 0.103239 -2.448 0.014

L26.Temp. prom aire 0.004702 0.008078 0.582 0.560

L27.Conduct -4.812969 10.374379 -0.464 0.643

L27.Water 2.929527 139.737609 0.021 0.983

L27.Temp 44.786093 48.871446 0.916 0.359

L27.Precip. horaria -0.245078 0.101738 -2.409 0.016

L27.Temp. prom aire -0.006938 0.007981 -0.869 0.385

L28.Conduct 1.828119 10.235844 0.179 0.858

L28.Water 44.301514 138.657658 0.320 0.749

L28.Temp -64.940652 47.072189 -1.380 0.168

L28.Precip. horaria 0.088279 0.098942 0.892 0.372

L28.Temp. prom aire 0.001876 0.007945 0.236 0.813

L29.Conduct 0.987803 9.842752 0.100 0.920

L29.Water -107.350744 136.976301 -0.784 0.433

L29.Temp 56.075537 45.858681 1.223 0.221

L29.Precip. horaria -0.180567 0.099319 -1.818 0.069

L29.Temp. prom aire 0.006092 0.007977 0.764 0.445

L30.Conduct -3.240167 9.364895 -0.346 0.729

L30.Water 147.647854 133.124477 1.109 0.267

L30.Temp -24.228857 44.445756 -0.545 0.586

L30.Precip. horaria -0.125508 0.102922 -1.219 0.223

L30.Temp. prom aire -0.004548 0.008010 -0.568 0.570

L31.Conduct 3.713380 8.695371 0.427 0.669

L31.Water -131.102714 124.977651 -1.049 0.294

L31.Temp -4.279744 41.742208 -0.103 0.918

L31.Precip. horaria -0.363959 0.100529 -3.620 0.000

L31.Temp. prom aire 0.001430 0.007952 0.180 0.857

L32.Conduct -3.502512 7.763539 -0.451 0.652

L32.Water 84.960676 113.171936 0.751 0.453

L32.Temp 18.828155 39.366319 0.478 0.632

L32.Precip. horaria 0.118287 0.098288 1.203 0.229

L32.Temp. prom aire 0.012089 0.007858 1.538 0.124

L33.Conduct 3.388960 6.735362 0.503 0.615

L33.Water -47.602600 103.090994 -0.462 0.644

L33.Temp -36.480878 39.584826 -0.922 0.357

L33.Precip. horaria -0.284295 0.095706 -2.971 0.003

L33.Temp. prom aire 0.003408 0.008002 0.426 0.670

L34.Conduct -2.421305 6.181928 -0.392 0.695

L34.Water 16.763459 98.276964 0.171 0.865

L34.Temp 63.351388 40.834381 1.551 0.121

L34.Precip. horaria -0.005921 0.096530 -0.061 0.951

L34.Temp. prom aire 0.003890 0.007972 0.488 0.626

L35.Conduct 1.126656 6.141427 0.183 0.854

L35.Water 29.809026 96.569923 0.309 0.758

L35.Temp -77.420129 41.083671 -1.884 0.060

L35.Precip. horaria -0.319833 0.095226 -3.359 0.001

L35.Temp. prom aire 0.004374 0.008006 0.546 0.585

L36.Conduct 0.063133 6.056349 0.010 0.992

L36.Water -101.221760 95.023848 -1.065 0.287

L36.Temp 60.545848 40.994457 1.477 0.140

L36.Precip. horaria -0.009961 0.093484 -0.107 0.915

L36.Temp. prom aire 0.001248 0.008052 0.155 0.877

L37.Conduct -0.872515 5.836716 -0.149 0.881

L37.Water 167.008620 92.131346 1.813 0.070

L37.Temp -23.699807 40.210147 -0.589 0.556

L37.Precip. horaria -0.202926 0.097799 -2.075 0.038

L37.Temp. prom aire -0.002042 0.007940 -0.257 0.797

L38.Conduct 0.254283 5.364210 0.047 0.962

L38.Water -177.219842 85.171847 -2.081 0.037

L38.Temp -6.363150 36.705832 -0.173 0.862

L38.Precip. horaria 0.033430 0.103366 0.323 0.746

L38.Temp. prom aire 0.001922 0.007859 0.245 0.807

L39.Conduct 0.522748 4.359928 0.120 0.905

L39.Water 131.504138 71.845068 1.830 0.067

L39.Temp 19.709388 30.442282 0.647 0.517

L39.Precip. horaria -0.112409 0.106664 -1.054 0.292

L39.Temp. prom aire 0.007701 0.007869 0.979 0.328

L40.Conduct -0.361270 2.826096 -0.128 0.898

L40.Water -79.252354 57.085204 -1.388 0.165

L40.Temp -28.764666 25.496656 -1.128 0.259

L40.Precip. horaria 0.152972 0.100091 1.528 0.126

L40.Temp. prom aire -0.005768 0.007853 -0.735 0.463

L41.Conduct 0.717377 1.450019 0.495 0.621

L41.Water 45.170074 48.444395 0.932 0.351

L41.Temp 40.731996 24.775168 1.644 0.100

L41.Precip. horaria -0.093175 0.102442 -0.910 0.363

L41.Temp. prom aire 0.008182 0.007746 1.056 0.291

L42.Conduct -1.837135 1.039972 -1.767 0.077

L42.Water -10.026526 45.568211 -0.220 0.826

L42.Temp -46.236343 25.257671 -1.831 0.067

L42.Precip. horaria 0.199733 0.103949 1.921 0.055

L42.Temp. prom aire 0.002043 0.007697 0.265 0.791

L43.Conduct 2.731809 1.012993 2.697 0.007

L43.Water -38.716849 44.385175 -0.872 0.383

L43.Temp 36.553602 25.171053 1.452 0.146

L43.Precip. horaria -0.152558 0.107707 -1.416 0.157

L43.Temp. prom aire -0.000247 0.007730 -0.032 0.974

L44.Conduct -2.474431 0.889093 -2.783 0.005

L44.Water 76.931091 41.948600 1.834 0.067

L44.Temp -17.966652 24.038432 -0.747 0.455

L44.Precip. horaria 0.112400 0.111334 1.010 0.313

L44.Temp. prom aire 0.015280 0.007702 1.984 0.047

L45.Conduct 0.997974 0.735298 1.357 0.175

L45.Water -78.089506 35.239632 -2.216 0.027

L45.Temp 5.100730 20.689204 0.247 0.805

L45.Precip. horaria -0.227890 0.115474 -1.974 0.048

L45.Temp. prom aire -0.009593 0.007774 -1.234 0.217

L46.Conduct -0.034738 0.651461 -0.053 0.957

L46.Water 50.520255 23.028994 2.194 0.028

L46.Temp -2.567261 14.370407 -0.179 0.858

L46.Precip. horaria -0.062137 0.119441 -0.520 0.603

L46.Temp. prom aire 0.001903 0.007799 0.244 0.807

L47.Conduct 0.133427 0.444715 0.300 0.764

L47.Water -20.878803 9.844486 -2.121 0.034

L47.Temp 2.590135 6.778241 0.382 0.702

L47.Precip. horaria -0.032392 0.110467 -0.293 0.769

L47.Temp. prom aire -0.001047 0.007772 -0.135 0.893

L48.Conduct -0.141825 0.133912 -1.059 0.290

L48.Water 4.313653 2.002879 2.154 0.031

L48.Temp -0.967394 1.540852 -0.628 0.530

L48.Precip. horaria 0.057607 0.109332 0.527 0.598

L48.Temp. prom aire -0.000774 0.007165 -0.108 0.914

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 4.869750 2.772979 1.756 0.079

L1.Conduct 4.302699 3.091550 1.392 0.164

L1.Water -69.106874 38.549034 -1.793 0.073

L1.Temp 0.707539 12.828061 0.055 0.956

L1.Precip. horaria -1.026737 0.716342 -1.433 0.152

L1.Temp. prom aire 0.357857 0.071250 5.023 0.000

L2.Conduct -20.138766 14.371014 -1.401 0.161

L2.Water 324.348257 189.858854 1.708 0.088

L2.Temp -0.776036 51.865648 -0.015 0.988

L2.Precip. horaria -0.479870 0.715311 -0.671 0.502

L2.Temp. prom aire 0.104304 0.074286 1.404 0.160

L3.Conduct 41.737265 31.951051 1.306 0.191

L3.Water -643.260713 439.493153 -1.464 0.143

L3.Temp -9.162756 98.955362 -0.093 0.926

L3.Precip. horaria -0.664475 0.739904 -0.898 0.369

L3.Temp. prom aire -0.020843 0.072642 -0.287 0.774

L4.Conduct -46.067628 47.596226 -0.968 0.333

L4.Water 677.704057 664.571497 1.020 0.308

L4.Temp 58.055475 130.728618 0.444 0.657

L4.Precip. horaria -0.225451 0.767180 -0.294 0.769

L4.Temp. prom aire 0.013355 0.073682 0.181 0.856

L5.Conduct 26.441561 56.501883 0.468 0.640

L5.Water -381.064026 784.283666 -0.486 0.627

L5.Temp -90.859969 150.055903 -0.606 0.545

L5.Precip. horaria -0.907510 0.833967 -1.088 0.277

L5.Temp. prom aire -0.008033 0.076074 -0.106 0.916

L6.Conduct -14.489590 60.074564 -0.241 0.809

L6.Water 181.867641 832.127124 0.219 0.827

L6.Temp -40.910402 167.852079 -0.244 0.807

L6.Precip. horaria -0.218682 0.842647 -0.260 0.795

L6.Temp. prom aire -0.083174 0.075969 -1.095 0.274

L7.Conduct 31.848273 61.477091 0.518 0.604

L7.Water -407.584303 862.732769 -0.472 0.637

L7.Temp 294.008654 189.300535 1.553 0.120

L7.Precip. horaria -1.367838 0.892756 -1.532 0.125

L7.Temp. prom aire 0.162573 0.076049 2.138 0.033

L8.Conduct -47.651272 62.004474 -0.769 0.442

L8.Water 775.855904 876.473383 0.885 0.376

L8.Temp -424.683934 216.568455 -1.961 0.050

L8.Precip. horaria -0.621818 0.913068 -0.681 0.496

L8.Temp. prom aire -0.012544 0.077608 -0.162 0.872

L9.Conduct 22.505634 65.207599 0.345 0.730

L9.Water -758.455366 924.277767 -0.821 0.412

L9.Temp 360.782947 249.410913 1.447 0.148

L9.Precip. horaria -0.648041 0.925785 -0.700 0.484

L9.Temp. prom aire -0.134635 0.078946 -1.705 0.088

L10.Conduct 39.091798 75.191779 0.520 0.603

L10.Water 263.379376 1078.437422 0.244 0.807

L10.Temp -254.430564 279.217215 -0.911 0.362

L10.Precip. horaria 0.056880 0.951063 0.060 0.952

L10.Temp. prom aire -0.060804 0.078509 -0.774 0.439

L11.Conduct -99.337073 87.029410 -1.141 0.254

L11.Water 407.541810 1263.745541 0.322 0.747

L11.Temp 213.635277 289.890416 0.737 0.461

L11.Precip. horaria 1.046508 0.926523 1.130 0.259

L11.Temp. prom aire 0.036097 0.079030 0.457 0.648

L12.Conduct 127.191428 95.088779 1.338 0.181

L12.Water -984.121458 1379.644076 -0.713 0.476

L12.Temp -200.995180 286.031512 -0.703 0.482

L12.Precip. horaria -0.780466 0.924175 -0.845 0.398

L12.Temp. prom aire -0.127601 0.078228 -1.631 0.103

L13.Conduct -123.223591 98.280310 -1.254 0.210

L13.Water 1384.436908 1419.262324 0.975 0.329

L13.Temp 126.462181 291.134401 0.434 0.664

L13.Precip. horaria -0.680515 0.925247 -0.735 0.462

L13.Temp. prom aire 0.061529 0.078218 0.787 0.431

L14.Conduct 106.698088 99.401975 1.073 0.283

L14.Water -1674.500543 1429.374101 -1.171 0.241

L14.Temp 42.462673 321.143899 0.132 0.895

L14.Precip. horaria 1.037432 0.917440 1.131 0.258

L14.Temp. prom aire 0.112261 0.077497 1.449 0.147

L15.Conduct -89.244071 100.814588 -0.885 0.376

L15.Water 1825.408689 1419.275739 1.286 0.198

L15.Temp -256.355748 364.239617 -0.704 0.482

L15.Precip. horaria -0.679692 0.880185 -0.772 0.440

L15.Temp. prom aire -0.173385 0.080234 -2.161 0.031

L16.Conduct 65.277030 101.423521 0.644 0.520

L16.Water -1648.737569 1388.232499 -1.188 0.235

L16.Temp 419.067389 399.160169 1.050 0.294

L16.Precip. horaria -1.441989 0.854359 -1.688 0.091

L16.Temp. prom aire -0.013152 0.079916 -0.165 0.869

L17.Conduct -25.917611 101.132391 -0.256 0.798

L17.Water 1146.304573 1364.921229 0.840 0.401

L17.Temp -471.661564 424.972087 -1.110 0.267

L17.Precip. horaria 0.560115 0.839865 0.667 0.505

L17.Temp. prom aire 0.171007 0.079268 2.157 0.031

L18.Conduct -10.972378 102.667295 -0.107 0.915

L18.Water -563.084932 1393.969991 -0.404 0.686

L18.Temp 509.312302 440.459153 1.156 0.248

L18.Precip. horaria 0.464675 0.883781 0.526 0.599

L18.Temp. prom aire -0.135922 0.080684 -1.685 0.092

L19.Conduct 17.072642 107.063455 0.159 0.873

L19.Water 53.650839 1464.533084 0.037 0.971

L19.Temp -629.802010 440.358361 -1.430 0.153

L19.Precip. horaria -0.303740 0.853742 -0.356 0.722

L19.Temp. prom aire -0.020513 0.079575 -0.258 0.797

L20.Conduct -2.776402 110.407329 -0.025 0.980

L20.Water 436.599678 1511.869165 0.289 0.773

L20.Temp 670.623796 435.041792 1.542 0.123

L20.Precip. horaria -1.264774 0.879980 -1.437 0.151

L20.Temp. prom aire -0.052525 0.078844 -0.666 0.505

L21.Conduct 4.159292 110.424700 0.038 0.970

L21.Water -1017.222980 1531.267012 -0.664 0.506

L21.Temp -421.013906 443.293486 -0.950 0.342

L21.Precip. horaria -0.770431 0.908584 -0.848 0.396

L21.Temp. prom aire 0.093226 0.078683 1.185 0.236

L22.Conduct -34.567296 109.488873 -0.316 0.752

L22.Water 1627.456437 1539.007989 1.057 0.290

L22.Temp 3.531716 465.053144 0.008 0.994

L22.Precip. horaria 0.126498 1.014724 0.125 0.901

L22.Temp. prom aire 0.070964 0.080720 0.879 0.379

L23.Conduct 72.356725 107.643309 0.672 0.501

L23.Water -2058.319194 1516.422299 -1.357 0.175

L23.Temp 277.827686 479.383282 0.580 0.562

L23.Precip. horaria 0.406552 1.000230 0.406 0.684

L23.Temp. prom aire -0.062845 0.081904 -0.767 0.443

L24.Conduct -88.905472 104.332005 -0.852 0.394

L24.Water 2182.907760 1461.482977 1.494 0.135

L24.Temp -331.628909 484.253558 -0.685 0.493

L24.Precip. horaria -0.078121 0.991663 -0.079 0.937

L24.Temp. prom aire -0.173786 0.079910 -2.175 0.030

L25.Conduct 81.473898 101.836282 0.800 0.424

L25.Water -1960.129718 1412.837231 -1.387 0.165

L25.Temp 321.896943 492.546501 0.654 0.513

L25.Precip. horaria 0.236587 1.001284 0.236 0.813

L25.Temp. prom aire 0.013793 0.080987 0.170 0.865

L26.Conduct -68.379743 102.488444 -0.667 0.505

L26.Water 1436.438741 1404.269716 1.023 0.306

L26.Temp -401.639183 499.486184 -0.804 0.421

L26.Precip. horaria -0.064311 1.037023 -0.062 0.951

L26.Temp. prom aire 0.016526 0.081142 0.204 0.839

L27.Conduct 62.742287 104.209728 0.602 0.547

L27.Water -796.012314 1403.652075 -0.567 0.571

L27.Temp 501.636099 490.909408 1.022 0.307

L27.Precip. horaria -1.164037 1.021945 -1.139 0.255

L27.Temp. prom aire 0.044124 0.080170 0.550 0.582

L28.Conduct -55.459194 102.818155 -0.539 0.590

L28.Water 134.650591 1392.804067 0.097 0.923

L28.Temp -431.812786 472.836027 -0.913 0.361

L28.Precip. horaria -1.265328 0.993867 -1.273 0.203

L28.Temp. prom aire -0.137059 0.079811 -1.717 0.086

L29.Conduct 27.070157 98.869586 0.274 0.784

L29.Water 524.563928 1375.914982 0.381 0.703

L29.Temp 182.602760 460.646444 0.396 0.692

L29.Precip. horaria -0.184017 0.997649 -0.184 0.854

L29.Temp. prom aire -0.083575 0.080123 -1.043 0.297

L30.Conduct 10.925473 94.069556 0.116 0.908

L30.Water -1007.688379 1337.223744 -0.754 0.451

L30.Temp 0.727266 446.453735 0.002 0.999

L30.Precip. horaria 1.003181 1.033841 0.970 0.332

L30.Temp. prom aire 0.003580 0.080458 0.044 0.965

L31.Conduct -27.770948 87.344245 -0.318 0.751

L31.Water 1214.875124 1255.389587 0.968 0.333

L31.Temp 56.493971 419.296838 0.135 0.893

L31.Precip. horaria -1.229814 1.009801 -1.218 0.223

L31.Temp. prom aire 0.073387 0.079873 0.919 0.358

L32.Conduct 27.873639 77.984073 0.357 0.721

L32.Water -1266.347611 1136.802215 -1.114 0.265

L32.Temp -180.836722 395.431232 -0.457 0.647

L32.Precip. horaria -0.647199 0.987292 -0.656 0.512

L32.Temp. prom aire -0.054716 0.078938 -0.693 0.488

L33.Conduct -37.023128 67.656127 -0.547 0.584

L33.Water 1269.777422 1035.540033 1.226 0.220

L33.Temp 105.663044 397.626120 0.266 0.790

L33.Precip. horaria 0.319595 0.961354 0.332 0.740

L33.Temp. prom aire 0.136735 0.080383 1.701 0.089

L34.Conduct 54.400182 62.096929 0.876 0.381

L34.Water -1189.599236 987.183516 -1.205 0.228

L34.Temp 128.607414 410.177791 0.314 0.754

L34.Precip. horaria -0.110487 0.969640 -0.114 0.909

L34.Temp. prom aire -0.064198 0.080074 -0.802 0.423

L35.Conduct -57.005407 61.690096 -0.924 0.355

L35.Water 893.016718 970.036437 0.921 0.357

L35.Temp -279.766636 412.681891 -0.678 0.498

L35.Precip. horaria -0.718498 0.956537 -0.751 0.453

L35.Temp. prom aire -0.144024 0.080424 -1.791 0.073

L36.Conduct 40.476169 60.835500 0.665 0.506

L36.Water -371.585148 954.506252 -0.389 0.697

L36.Temp 278.991357 411.785735 0.678 0.498

L36.Precip. horaria 0.907067 0.939035 0.966 0.334

L36.Temp. prom aire 0.180739 0.080886 2.234 0.025

L37.Conduct -29.620662 58.629301 -0.505 0.613

L37.Water -178.092826 925.451327 -0.192 0.847

L37.Temp -265.074132 403.907416 -0.656 0.512

L37.Precip. horaria -0.515697 0.982382 -0.525 0.600

L37.Temp. prom aire -0.059306 0.079754 -0.744 0.457

L38.Conduct 35.923396 53.883021 0.667 0.505

L38.Water 580.400272 855.543766 0.678 0.498

L38.Temp 290.606014 368.706876 0.788 0.431

L38.Precip. horaria -0.662457 1.038307 -0.638 0.523

L38.Temp. prom aire -0.030643 0.078940 -0.388 0.698

L39.Conduct -40.494421 43.795098 -0.925 0.355

L39.Water -728.032518 721.677429 -1.009 0.313

L39.Temp -238.757410 305.790061 -0.781 0.435

L39.Precip. horaria 0.840504 1.071435 0.784 0.433

L39.Temp. prom aire -0.039712 0.079039 -0.502 0.615

L40.Conduct 31.137833 28.387891 1.097 0.273

L40.Water 592.073651 573.415884 1.033 0.302

L40.Temp 70.913920 256.111682 0.277 0.782

L40.Precip. horaria -0.612671 1.005403 -0.609 0.542

L40.Temp. prom aire 0.015382 0.078882 0.195 0.845

L41.Conduct -14.659312 14.565314 -1.006 0.314

L41.Water -359.051091 486.619716 -0.738 0.461

L41.Temp 85.280896 248.864399 0.343 0.732

L41.Precip. horaria 0.338523 1.029020 0.329 0.742

L41.Temp. prom aire 0.012524 0.077808 0.161 0.872

L42.Conduct 1.590898 10.446426 0.152 0.879

L42.Water 251.076559 457.728699 0.549 0.583

L42.Temp -122.487961 253.711098 -0.483 0.629

L42.Precip. horaria 0.806835 1.044156 0.773 0.440

L42.Temp. prom aire 0.001711 0.077316 0.022 0.982

L43.Conduct -0.441012 10.175430 -0.043 0.965

L43.Water -265.905229 445.845204 -0.596 0.551

L43.Temp 63.734808 252.841027 0.252 0.801

L43.Precip. horaria -2.636038 1.081903 -2.436 0.015

L43.Temp. prom aire 0.015498 0.077646 0.200 0.842

L44.Conduct 7.448899 8.930858 0.834 0.404

L44.Water 281.196073 421.370019 0.667 0.505

L44.Temp -8.946751 241.463954 -0.037 0.970

L44.Precip. horaria 0.943610 1.118343 0.844 0.399

L44.Temp. prom aire 0.008548 0.077362 0.110 0.912

L45.Conduct -9.422817 7.386002 -1.276 0.202

L45.Water -232.822293 353.979029 -0.658 0.511

L45.Temp 5.231889 207.821247 0.025 0.980

L45.Precip. horaria 0.475136 1.159924 0.410 0.682

L45.Temp. prom aire 0.067970 0.078091 0.870 0.384

L46.Conduct 4.528114 6.543866 0.692 0.489

L46.Water 134.575038 231.324231 0.582 0.561

L46.Temp -10.409953 144.349483 -0.072 0.943

L46.Precip. horaria -1.780276 1.199776 -1.484 0.138

L46.Temp. prom aire -0.152462 0.078344 -1.946 0.052

L47.Conduct -0.488381 4.467128 -0.109 0.913

L47.Water -47.420230 98.887001 -0.480 0.632

L47.Temp 3.630963 68.086843 0.053 0.957

L47.Precip. horaria 3.364979 1.109626 3.033 0.002

L47.Temp. prom aire -0.068407 0.078070 -0.876 0.381

L48.Conduct -0.210786 1.345132 -0.157 0.875

L48.Water 8.063081 20.118742 0.401 0.689

L48.Temp 0.034824 15.477722 0.002 0.998

L48.Precip. horaria 1.272646 1.098233 1.159 0.247

L48.Temp. prom aire -0.037504 0.071967 -0.521 0.602

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.684039 -0.323902 0.062489 0.034957

Water 0.684039 1.000000 0.003314 -0.039994 0.009092

Temp -0.323902 0.003314 1.000000 -0.106452 -0.029642

Precip. horaria 0.062489 -0.039994 -0.106452 1.000000 0.105695

Temp. prom aire 0.034957 0.009092 -0.029642 0.105695 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -19.9143

Nobs: 440.000 HQIC: -26.6912

Log likelihood: 4926.77 FPE: 6.07203e-14

AIC: -31.1065 Det(Omega\_mle): 6.83694e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.020483 0.009065 2.260 0.024

L1.Conduct 3.292991 0.155449 21.184 0.000

L1.Water 0.602873 0.115152 5.235 0.000

L1.Temp -0.108212 0.079353 -1.364 0.173

L1.Precip. horaria 0.009987 0.005018 1.990 0.047

L1.Temp. prom aire 0.000014 0.000379 0.036 0.971

L2.Conduct -4.481447 0.621779 -7.207 0.000

L2.Water -2.447447 0.489626 -4.999 0.000

L2.Temp 0.538172 0.313727 1.715 0.086

L2.Precip. horaria -0.013416 0.005587 -2.401 0.016

L2.Temp. prom aire 0.000316 0.000405 0.781 0.435

L3.Conduct 2.933693 1.214131 2.416 0.016

L3.Water 4.794597 1.023628 4.684 0.000

L3.Temp -1.165625 0.576607 -2.022 0.043

L3.Precip. horaria -0.005290 0.005234 -1.011 0.312

L3.Temp. prom aire -0.000129 0.000404 -0.319 0.750

L4.Conduct 0.368714 1.658180 0.222 0.824

L4.Water -6.508211 1.498252 -4.344 0.000

L4.Temp 1.411763 0.715929 1.972 0.049

L4.Precip. horaria 0.000407 0.005043 0.081 0.936

L4.Temp. prom aire 0.000023 0.000404 0.056 0.955

L5.Conduct -3.367633 1.895952 -1.776 0.076

L5.Water 7.258674 1.822173 3.984 0.000

L5.Temp -0.926998 0.753506 -1.230 0.219

L5.Precip. horaria -0.006595 0.005068 -1.301 0.193

L5.Temp. prom aire -0.000039 0.000403 -0.097 0.922

L6.Conduct 4.537991 2.033375 2.232 0.026

L6.Water -7.049192 2.036750 -3.461 0.001

L6.Temp 0.075290 0.793272 0.095 0.924

L6.Precip. horaria -0.003498 0.005123 -0.683 0.495

L6.Temp. prom aire 0.000575 0.000406 1.417 0.157

L7.Conduct -4.847963 2.164806 -2.239 0.025

L7.Water 5.483174 2.207958 2.483 0.013

L7.Temp 0.581737 0.929042 0.626 0.531

L7.Precip. horaria 0.007092 0.005118 1.386 0.166

L7.Temp. prom aire -0.000668 0.000401 -1.666 0.096

L8.Conduct 4.738159 2.286382 2.072 0.038

L8.Water -1.306115 2.320624 -0.563 0.574

L8.Temp -1.207019 1.201892 -1.004 0.315

L8.Precip. horaria -0.011678 0.005279 -2.212 0.027

L8.Temp. prom aire -0.000183 0.000415 -0.441 0.659

L9.Conduct -2.484239 2.440111 -1.018 0.309

L9.Water -5.299404 2.412824 -2.196 0.028

L9.Temp 2.404693 1.584381 1.518 0.129

L9.Precip. horaria 0.008731 0.005344 1.634 0.102

L9.Temp. prom aire -0.000059 0.000415 -0.142 0.887

L10.Conduct -1.645183 2.684340 -0.613 0.540

L10.Water 11.430168 2.645203 4.321 0.000

L10.Temp -3.898033 1.965806 -1.983 0.047

L10.Precip. horaria -0.007467 0.005411 -1.380 0.168

L10.Temp. prom aire 0.000136 0.000414 0.328 0.743

L11.Conduct 6.131256 2.909391 2.107 0.035

L11.Water -14.953715 2.977100 -5.023 0.000

L11.Temp 4.580369 2.213902 2.069 0.039

L11.Precip. horaria -0.018157 0.005229 -3.472 0.001

L11.Temp. prom aire -0.000673 0.000413 -1.629 0.103

L12.Conduct -8.973893 3.056368 -2.936 0.003

L12.Water 15.625484 3.291764 4.747 0.000

L12.Temp -3.929410 2.305296 -1.705 0.088

L12.Precip. horaria -0.005556 0.005497 -1.011 0.312

L12.Temp. prom aire 0.000143 0.000410 0.349 0.727

L13.Conduct 8.076165 3.175109 2.544 0.011

L13.Water -13.689332 3.550738 -3.855 0.000

L13.Temp 2.608397 2.292111 1.138 0.255

L13.Precip. horaria 0.006274 0.005527 1.135 0.256

L13.Temp. prom aire 0.000777 0.000409 1.898 0.058

L14.Conduct -5.373027 3.270678 -1.643 0.100

L14.Water 9.509111 3.707026 2.565 0.010

L14.Temp -1.539626 2.264340 -0.680 0.497

L14.Precip. horaria -0.016727 0.005555 -3.011 0.003

L14.Temp. prom aire -0.000226 0.000409 -0.553 0.580

L15.Conduct 3.198832 3.334424 0.959 0.337

L15.Water -2.878880 3.777283 -0.762 0.446

L15.Temp 0.479616 2.299020 0.209 0.835

L15.Precip. horaria 0.005205 0.005786 0.900 0.368

L15.Temp. prom aire 0.000342 0.000409 0.836 0.403

L16.Conduct -1.138660 3.390776 -0.336 0.737

L16.Water -4.718764 3.863882 -1.221 0.222

L16.Temp 1.331028 2.402256 0.554 0.580

L16.Precip. horaria 0.022397 0.005781 3.874 0.000

L16.Temp. prom aire -0.000037 0.000404 -0.091 0.928

L17.Conduct -1.081969 3.536791 -0.306 0.760

L17.Water 10.160400 4.099698 2.478 0.013

L17.Temp -3.488225 2.580473 -1.352 0.176

L17.Precip. horaria -0.015092 0.005687 -2.654 0.008

L17.Temp. prom aire 0.000435 0.000410 1.061 0.289

L18.Conduct 4.048076 3.795042 1.067 0.286

L18.Water -12.916535 4.472529 -2.888 0.004

L18.Temp 4.860219 2.791831 1.741 0.082

L18.Precip. horaria 0.017176 0.005502 3.122 0.002

L18.Temp. prom aire 0.000683 0.000410 1.666 0.096

L19.Conduct -6.708766 4.015622 -1.671 0.095

L19.Water 14.315961 4.777861 2.996 0.003

L19.Temp -4.912591 2.959322 -1.660 0.097

L19.Precip. horaria 0.012053 0.005812 2.074 0.038

L19.Temp. prom aire -0.000573 0.000408 -1.405 0.160

L20.Conduct 7.191230 4.078418 1.763 0.078

L20.Water -15.084694 4.871570 -3.096 0.002

L20.Temp 4.226309 3.020761 1.399 0.162

L20.Precip. horaria -0.011599 0.005674 -2.044 0.041

L20.Temp. prom aire 0.000051 0.000410 0.124 0.901

L21.Conduct -6.570637 4.042203 -1.626 0.104

L21.Water 13.824999 4.837822 2.858 0.004

L21.Temp -3.760072 2.979460 -1.262 0.207

L21.Precip. horaria 0.020901 0.005647 3.701 0.000

L21.Temp. prom aire 0.000195 0.000420 0.464 0.643

L22.Conduct 5.181941 4.016011 1.290 0.197

L22.Water -7.803919 4.831253 -1.615 0.106

L22.Temp 3.210015 2.904061 1.105 0.269

L22.Precip. horaria 0.004199 0.005990 0.701 0.483

L22.Temp. prom aire 0.000097 0.000422 0.229 0.819

L23.Conduct -2.775203 3.990017 -0.696 0.487

L23.Water -1.312583 4.856252 -0.270 0.787

L23.Temp -1.747816 2.840494 -0.615 0.538

L23.Precip. horaria -0.003042 0.005994 -0.507 0.612

L23.Temp. prom aire 0.000352 0.000420 0.840 0.401

L24.Conduct 0.435092 3.991750 0.109 0.913

L24.Water 8.218414 4.935046 1.665 0.096

L24.Temp -0.169275 2.863819 -0.059 0.953

L24.Precip. horaria 0.003298 0.005860 0.563 0.574

L24.Temp. prom aire 0.000649 0.000418 1.553 0.120

L25.Conduct 2.428842 4.106426 0.591 0.554

L25.Water -10.892747 5.148861 -2.116 0.034

L25.Temp 1.609344 3.030175 0.531 0.595

L25.Precip. horaria 0.019683 0.005315 3.703 0.000

L25.Temp. prom aire -0.000331 0.000423 -0.782 0.434

L26.Conduct -5.471526 4.297108 -1.273 0.203

L26.Water 11.139314 5.434363 2.050 0.040

L26.Temp -2.245521 3.278326 -0.685 0.493

L26.Precip. horaria -0.009492 0.005252 -1.807 0.071

L26.Temp. prom aire 0.000151 0.000421 0.359 0.719

L27.Conduct 6.848595 4.427061 1.547 0.122

L27.Water -11.276113 5.601956 -2.013 0.044

L27.Temp 2.418517 3.424823 0.706 0.480

L27.Precip. horaria 0.004089 0.005246 0.779 0.436

L27.Temp. prom aire -0.000289 0.000419 -0.689 0.491

L28.Conduct -6.124910 4.404689 -1.391 0.164

L28.Water 10.425865 5.548974 1.879 0.060

L28.Temp -2.865964 3.366695 -0.851 0.395

L28.Precip. horaria 0.004543 0.005235 0.868 0.385

L28.Temp. prom aire 0.000965 0.000416 2.319 0.020

L29.Conduct 3.375998 4.300358 0.785 0.432

L29.Water -5.625713 5.372873 -1.047 0.295

L29.Temp 3.543869 3.189644 1.111 0.267

L29.Precip. horaria -0.015909 0.005044 -3.154 0.002

L29.Temp. prom aire -0.000059 0.000424 -0.139 0.890

L30.Conduct -0.317404 4.159977 -0.076 0.939

L30.Water -1.736373 5.171736 -0.336 0.737

L30.Temp -3.681590 2.971234 -1.239 0.215

L30.Precip. horaria 0.011861 0.005101 2.325 0.020

L30.Temp. prom aire -0.000058 0.000420 -0.139 0.889

L31.Conduct -1.283214 4.001823 -0.321 0.748

L31.Water 6.879211 5.028673 1.368 0.171

L31.Temp 3.004638 2.740177 1.097 0.273

L31.Precip. horaria 0.011027 0.005342 2.064 0.039

L31.Temp. prom aire -0.000254 0.000418 -0.607 0.544

L32.Conduct 2.228222 3.938799 0.566 0.572

L32.Water -7.447702 5.050815 -1.475 0.140

L32.Temp -1.746008 2.560102 -0.682 0.495

L32.Precip. horaria -0.003720 0.005294 -0.703 0.482

L32.Temp. prom aire -0.000121 0.000422 -0.288 0.773

L33.Conduct -2.560773 4.009471 -0.639 0.523

L33.Water 4.995256 5.207588 0.959 0.337

L33.Temp 0.420955 2.526933 0.167 0.868

L33.Precip. horaria 0.016293 0.005262 3.096 0.002

L33.Temp. prom aire -0.000100 0.000416 -0.240 0.810

L34.Conduct 1.535139 3.994991 0.384 0.701

L34.Water -2.795946 5.214994 -0.536 0.592

L34.Temp 0.659781 2.576072 0.256 0.798

L34.Precip. horaria -0.007984 0.005353 -1.491 0.136

L34.Temp. prom aire -0.000059 0.000415 -0.141 0.888

L35.Conduct 0.396356 3.755731 0.106 0.916

L35.Water 1.387642 4.928363 0.282 0.778

L35.Temp -1.707668 2.583394 -0.661 0.509

L35.Precip. horaria -0.004686 0.005321 -0.881 0.379

L35.Temp. prom aire -0.000652 0.000416 -1.569 0.117

L36.Conduct -2.496682 3.495550 -0.714 0.475

L36.Water 1.203703 4.553842 0.264 0.792

L36.Temp 2.639094 2.555200 1.033 0.302

L36.Precip. horaria -0.001233 0.005430 -0.227 0.820

L36.Temp. prom aire 0.001081 0.000416 2.598 0.009

L37.Conduct 3.361838 3.305322 1.017 0.309

L37.Water -4.543424 4.234030 -1.073 0.283

L37.Temp -3.061043 2.469911 -1.239 0.215

L37.Precip. horaria 0.007038 0.005222 1.348 0.178

L37.Temp. prom aire -0.000648 0.000429 -1.509 0.131

L38.Conduct -2.353258 3.111393 -0.756 0.449

L38.Water 5.974575 3.981055 1.501 0.133

L38.Temp 2.821620 2.257564 1.250 0.211

L38.Precip. horaria -0.012463 0.005047 -2.469 0.014

L38.Temp. prom aire 0.000651 0.000431 1.511 0.131

L39.Conduct 1.129050 2.919737 0.387 0.699

L39.Water -4.426079 3.814751 -1.160 0.246

L39.Temp -1.868523 1.900209 -0.983 0.325

L39.Precip. horaria -0.006056 0.005029 -1.204 0.229

L39.Temp. prom aire -0.000332 0.000433 -0.767 0.443

L40.Conduct -0.972915 2.810572 -0.346 0.729

L40.Water 1.871387 3.757709 0.498 0.618

L40.Temp 0.490083 1.548043 0.317 0.752

L40.Precip. horaria 0.000420 0.005008 0.084 0.933

L40.Temp. prom aire 0.000366 0.000431 0.849 0.396

L41.Conduct 1.420543 2.746211 0.517 0.605

L41.Water -1.021538 3.683726 -0.277 0.782

L41.Temp 0.596593 1.424279 0.419 0.675

L41.Precip. horaria -0.018347 0.005033 -3.645 0.000

L41.Temp. prom aire -0.000636 0.000433 -1.468 0.142

L42.Conduct -1.471152 2.628848 -0.560 0.576

L42.Water 1.676689 3.495005 0.480 0.631

L42.Temp -1.041400 1.452141 -0.717 0.473

L42.Precip. horaria -0.000455 0.005140 -0.089 0.929

L42.Temp. prom aire 0.000471 0.000432 1.089 0.276

L43.Conduct 0.829491 2.495297 0.332 0.740

L43.Water -1.531255 3.282110 -0.467 0.641

L43.Temp 1.146905 1.477125 0.776 0.437

L43.Precip. horaria -0.003439 0.005184 -0.663 0.507

L43.Temp. prom aire 0.000196 0.000428 0.458 0.647

L44.Conduct -0.193095 2.299837 -0.084 0.933

L44.Water -0.228523 2.993248 -0.076 0.939

L44.Temp -1.200079 1.432471 -0.838 0.402

L44.Precip. horaria -0.009238 0.005184 -1.782 0.075

L44.Temp. prom aire 0.000099 0.000426 0.232 0.817

L45.Conduct -0.092682 1.935610 -0.048 0.962

L45.Water 2.246843 2.472009 0.909 0.363

L45.Temp 1.055176 1.250578 0.844 0.399

L45.Precip. horaria -0.002240 0.005115 -0.438 0.661

L45.Temp. prom aire -0.000653 0.000418 -1.563 0.118

L46.Conduct 0.292449 1.347639 0.217 0.828

L46.Water -2.724648 1.666095 -1.635 0.102

L46.Temp -0.605414 0.885013 -0.684 0.494

L46.Precip. horaria -0.002010 0.005236 -0.384 0.701

L46.Temp. prom aire 0.000520 0.000414 1.256 0.209

L47.Conduct -0.321886 0.645589 -0.499 0.618

L47.Water 1.566451 0.764568 2.049 0.040

L47.Temp 0.166282 0.425071 0.391 0.696

L47.Precip. horaria -0.004485 0.005230 -0.858 0.391

L47.Temp. prom aire 0.000127 0.000413 0.307 0.759

L48.Conduct 0.120366 0.148363 0.811 0.417

L48.Water -0.368916 0.167470 -2.203 0.028

L48.Temp -0.007031 0.097854 -0.072 0.943

L48.Precip. horaria -0.011324 0.004944 -2.290 0.022

L48.Temp. prom aire 0.000527 0.000384 1.370 0.171

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.033557 0.012118 2.769 0.006

L1.Conduct -0.873420 0.207811 -4.203 0.000

L1.Water 4.840147 0.153940 31.442 0.000

L1.Temp -0.019149 0.106083 -0.181 0.857

L1.Precip. horaria 0.017952 0.006709 2.676 0.007

L1.Temp. prom aire 0.000155 0.000507 0.306 0.759

L2.Conduct 3.218233 0.831220 3.872 0.000

L2.Water -10.503742 0.654553 -16.047 0.000

L2.Temp 0.007048 0.419403 0.017 0.987

L2.Precip. horaria -0.014843 0.007468 -1.987 0.047

L2.Temp. prom aire 0.000020 0.000541 0.038 0.970

L3.Conduct -5.926613 1.623102 -3.651 0.000

L3.Water 14.365421 1.368429 10.498 0.000

L3.Temp 0.180244 0.770833 0.234 0.815

L3.Precip. horaria -0.011726 0.006997 -1.676 0.094

L3.Temp. prom aire 0.000285 0.000539 0.528 0.597

L4.Conduct 8.048755 2.216726 3.631 0.000

L4.Water -15.009116 2.002928 -7.494 0.000

L4.Temp -0.565458 0.957084 -0.591 0.555

L4.Precip. horaria 0.003127 0.006741 0.464 0.643

L4.Temp. prom aire -0.000264 0.000540 -0.488 0.625

L5.Conduct -9.191786 2.534590 -3.627 0.000

L5.Water 13.818538 2.435958 5.673 0.000

L5.Temp 0.968693 1.007319 0.962 0.336

L5.Precip. horaria -0.001541 0.006775 -0.227 0.820

L5.Temp. prom aire -0.000151 0.000539 -0.279 0.780

L6.Conduct 8.755145 2.718303 3.221 0.001

L6.Water -11.933323 2.722814 -4.383 0.000

L6.Temp -1.010952 1.060480 -0.953 0.340

L6.Precip. horaria -0.009334 0.006849 -1.363 0.173

L6.Temp. prom aire 0.000730 0.000543 1.345 0.179

L7.Conduct -6.299338 2.894005 -2.177 0.030

L7.Water 7.443986 2.951693 2.522 0.012

L7.Temp 0.457310 1.241982 0.368 0.713

L7.Precip. horaria 0.001745 0.006841 0.255 0.799

L7.Temp. prom aire -0.000906 0.000536 -1.689 0.091

L8.Conduct 0.884660 3.056533 0.289 0.772

L8.Water 2.564178 3.102309 0.827 0.408

L8.Temp 0.124659 1.606740 0.078 0.938

L8.Precip. horaria -0.014516 0.007058 -2.057 0.040

L8.Temp. prom aire -0.000357 0.000554 -0.645 0.519

L9.Conduct 6.481923 3.262044 1.987 0.047

L9.Water -15.066672 3.225566 -4.671 0.000

L9.Temp -0.086112 2.118068 -0.041 0.968

L9.Precip. horaria 0.018988 0.007144 2.658 0.008

L9.Temp. prom aire 0.000164 0.000555 0.296 0.768

L10.Conduct -11.997973 3.588540 -3.343 0.001

L10.Water 23.088486 3.536220 6.529 0.000

L10.Temp -0.209807 2.627973 -0.080 0.936

L10.Precip. horaria -0.015372 0.007234 -2.125 0.034

L10.Temp. prom aire 0.000284 0.000553 0.514 0.607

L11.Conduct 14.416576 3.889398 3.707 0.000

L11.Water -24.440968 3.979914 -6.141 0.000

L11.Temp 0.246530 2.959639 0.083 0.934

L11.Precip. horaria -0.014677 0.006991 -2.099 0.036

L11.Temp. prom aire -0.001067 0.000553 -1.932 0.053

L12.Conduct -14.632113 4.085883 -3.581 0.000

L12.Water 22.094453 4.400570 5.021 0.000

L12.Temp -0.142045 3.081817 -0.046 0.963

L12.Precip. horaria -0.008568 0.007348 -1.166 0.244

L12.Temp. prom aire -0.000327 0.000547 -0.598 0.550

L13.Conduct 12.832558 4.244622 3.023 0.003

L13.Water -19.046808 4.746778 -4.013 0.000

L13.Temp 0.368238 3.064192 0.120 0.904

L13.Precip. horaria 0.004223 0.007389 0.571 0.568

L13.Temp. prom aire 0.001291 0.000547 2.361 0.018

L14.Conduct -9.206798 4.372382 -2.106 0.035

L14.Water 13.772529 4.955710 2.779 0.005

L14.Temp -1.143587 3.027067 -0.378 0.706

L14.Precip. horaria -0.019477 0.007427 -2.623 0.009

L14.Temp. prom aire -0.000648 0.000547 -1.186 0.236

L15.Conduct 2.992319 4.457601 0.671 0.502

L15.Water -2.540819 5.049633 -0.503 0.615

L15.Temp 1.552201 3.073428 0.505 0.614

L15.Precip. horaria 0.003747 0.007735 0.484 0.628

L15.Temp. prom aire 0.000120 0.000547 0.219 0.827

L16.Conduct 4.417361 4.532934 0.975 0.330

L16.Water -11.215356 5.165403 -2.171 0.030

L16.Temp -0.877446 3.211438 -0.273 0.785

L16.Precip. horaria 0.019232 0.007728 2.489 0.013

L16.Temp. prom aire 0.000267 0.000541 0.494 0.621

L17.Conduct -9.169884 4.728133 -1.939 0.052

L17.Water 19.611438 5.480651 3.578 0.000

L17.Temp -0.023745 3.449686 -0.007 0.995

L17.Precip. horaria -0.013918 0.007602 -1.831 0.067

L17.Temp. prom aire 0.000285 0.000548 0.521 0.602

L18.Conduct 11.004147 5.073374 2.169 0.030

L18.Water -20.919292 5.979067 -3.499 0.000

L18.Temp 0.331826 3.732238 0.089 0.929

L18.Precip. horaria 0.006100 0.007355 0.829 0.407

L18.Temp. prom aire 0.001139 0.000548 2.080 0.038

L19.Conduct -11.610219 5.368255 -2.163 0.031

L19.Water 19.723782 6.387248 3.088 0.002

L19.Temp -0.170314 3.956147 -0.043 0.966

L19.Precip. horaria 0.012508 0.007770 1.610 0.107

L19.Temp. prom aire -0.000860 0.000546 -1.577 0.115

L20.Conduct 12.083798 5.452202 2.216 0.027

L20.Water -20.424849 6.512522 -3.136 0.002

L20.Temp 0.256220 4.038282 0.063 0.949

L20.Precip. horaria -0.011977 0.007585 -1.579 0.114

L20.Temp. prom aire -0.000670 0.000548 -1.223 0.221

L21.Conduct -12.058804 5.403789 -2.232 0.026

L21.Water 19.936901 6.467407 3.083 0.002

L21.Temp -1.108432 3.983068 -0.278 0.781

L21.Precip. horaria 0.036722 0.007550 4.864 0.000

L21.Temp. prom aire 0.000598 0.000561 1.065 0.287

L22.Conduct 8.283620 5.368774 1.543 0.123

L22.Water -11.258523 6.458624 -1.743 0.081

L22.Temp 1.683162 3.882273 0.434 0.665

L22.Precip. horaria 0.001121 0.008008 0.140 0.889

L22.Temp. prom aire -0.000249 0.000565 -0.441 0.660

L23.Conduct -1.416651 5.334025 -0.266 0.791

L23.Water -3.008582 6.492044 -0.463 0.643

L23.Temp -1.246488 3.797294 -0.328 0.743

L23.Precip. horaria 0.000171 0.008013 0.021 0.983

L23.Temp. prom aire 0.000574 0.000561 1.024 0.306

L24.Conduct -3.506305 5.336341 -0.657 0.511

L24.Water 12.899805 6.597380 1.955 0.051

L24.Temp 1.054413 3.828476 0.275 0.783

L24.Precip. horaria 0.001905 0.007834 0.243 0.808

L24.Temp. prom aire 0.000970 0.000558 1.737 0.082

L25.Conduct 5.510286 5.489646 1.004 0.315

L25.Water -14.337333 6.883217 -2.083 0.037

L25.Temp -1.749003 4.050866 -0.432 0.666

L25.Precip. horaria 0.027117 0.007105 3.817 0.000

L25.Temp. prom aire -0.000461 0.000565 -0.815 0.415

L26.Conduct -6.470055 5.744557 -1.126 0.260

L26.Water 11.850043 7.264889 1.631 0.103

L26.Temp 2.473093 4.382606 0.564 0.573

L26.Precip. horaria -0.003546 0.007021 -0.505 0.614

L26.Temp. prom aire -0.000133 0.000562 -0.236 0.814

L27.Conduct 7.777262 5.918284 1.314 0.189

L27.Water -11.804221 7.488933 -1.576 0.115

L27.Temp -2.340775 4.578450 -0.511 0.609

L27.Precip. horaria 0.005504 0.007013 0.785 0.433

L27.Temp. prom aire -0.000094 0.000560 -0.167 0.867

L28.Conduct -8.393354 5.888377 -1.425 0.154

L28.Water 12.589168 7.418105 1.697 0.090

L28.Temp 1.123299 4.500741 0.250 0.803

L28.Precip. horaria 0.000890 0.006998 0.127 0.899

L28.Temp. prom aire 0.000969 0.000557 1.742 0.082

L29.Conduct 5.032630 5.748902 0.875 0.381

L29.Water -7.225554 7.182686 -1.006 0.314

L29.Temp 0.284261 4.264052 0.067 0.947

L29.Precip. horaria -0.014767 0.006743 -2.190 0.029

L29.Temp. prom aire 0.000378 0.000567 0.667 0.505

L30.Conduct 0.834378 5.561235 0.150 0.881

L30.Water -3.246725 6.913798 -0.470 0.639

L30.Temp -1.186130 3.972072 -0.299 0.765

L30.Precip. horaria 0.006035 0.006819 0.885 0.376

L30.Temp. prom aire -0.000203 0.000562 -0.361 0.718

L31.Conduct -4.442170 5.349808 -0.830 0.406

L31.Water 10.408341 6.722544 1.548 0.122

L31.Temp 1.925248 3.663186 0.526 0.599

L31.Precip. horaria 0.021107 0.007141 2.956 0.003

L31.Temp. prom aire -0.000313 0.000559 -0.560 0.576

L32.Conduct 4.609966 5.265554 0.875 0.381

L32.Water -9.385287 6.752145 -1.390 0.165

L32.Temp -2.441150 3.422453 -0.713 0.476

L32.Precip. horaria -0.003525 0.007077 -0.498 0.618

L32.Temp. prom aire -0.000483 0.000564 -0.856 0.392

L33.Conduct -2.773166 5.360032 -0.517 0.605

L33.Water 3.740678 6.961726 0.537 0.591

L33.Temp 2.431397 3.378112 0.720 0.472

L33.Precip. horaria 0.019587 0.007034 2.785 0.005

L33.Temp. prom aire 0.000301 0.000556 0.541 0.588

L34.Conduct 1.141617 5.340674 0.214 0.831

L34.Water -0.747927 6.971626 -0.107 0.915

L34.Temp -1.793059 3.443803 -0.521 0.603

L34.Precip. horaria -0.006074 0.007156 -0.849 0.396

L34.Temp. prom aire -0.000374 0.000555 -0.673 0.501

L35.Conduct -0.245913 5.020821 -0.049 0.961

L35.Water 1.009653 6.588446 0.153 0.878

L35.Temp 0.533015 3.453591 0.154 0.877

L35.Precip. horaria -0.009768 0.007114 -1.373 0.170

L35.Temp. prom aire -0.000533 0.000556 -0.960 0.337

L36.Conduct -1.757453 4.673000 -0.376 0.707

L36.Water 0.804089 6.087770 0.132 0.895

L36.Temp 0.659619 3.415900 0.193 0.847

L36.Precip. horaria 0.003427 0.007259 0.472 0.637

L36.Temp. prom aire 0.001153 0.000556 2.072 0.038

L37.Conduct 4.121638 4.418695 0.933 0.351

L37.Water -5.369674 5.660232 -0.949 0.343

L37.Temp -1.334268 3.301882 -0.404 0.686

L37.Precip. horaria 0.011692 0.006980 1.675 0.094

L37.Temp. prom aire -0.000918 0.000574 -1.600 0.110

L38.Conduct -4.389446 4.159442 -1.055 0.291

L38.Water 7.914696 5.322045 1.487 0.137

L38.Temp 1.781530 3.018008 0.590 0.555

L38.Precip. horaria -0.020388 0.006747 -3.022 0.003

L38.Temp. prom aire 0.000726 0.000576 1.261 0.207

L39.Conduct 2.968626 3.903228 0.761 0.447

L39.Water -5.690779 5.099721 -1.116 0.264

L39.Temp -1.754663 2.540280 -0.691 0.490

L39.Precip. horaria -0.001579 0.006723 -0.235 0.814

L39.Temp. prom aire -0.000509 0.000579 -0.879 0.379

L40.Conduct -1.829784 3.757292 -0.487 0.626

L40.Water 1.755449 5.023465 0.349 0.727

L40.Temp 0.841326 2.069489 0.407 0.684

L40.Precip. horaria -0.005450 0.006695 -0.814 0.416

L40.Temp. prom aire 0.000199 0.000576 0.346 0.730

L41.Conduct 1.884561 3.671252 0.513 0.608

L41.Water -0.786757 4.924562 -0.160 0.873

L41.Temp 0.434952 1.904037 0.228 0.819

L41.Precip. horaria -0.016115 0.006729 -2.395 0.017

L41.Temp. prom aire -0.000557 0.000579 -0.961 0.337

L42.Conduct -2.213105 3.514356 -0.630 0.529

L42.Water 2.292077 4.672271 0.491 0.624

L42.Temp -1.265237 1.941283 -0.652 0.515

L42.Precip. horaria -0.006814 0.006871 -0.992 0.321

L42.Temp. prom aire 0.000462 0.000578 0.799 0.424

L43.Conduct 1.484289 3.335820 0.445 0.656

L43.Water -2.105951 4.387664 -0.480 0.631

L43.Temp 1.492441 1.974683 0.756 0.450

L43.Precip. horaria -0.000251 0.006931 -0.036 0.971

L43.Temp. prom aire 0.000249 0.000572 0.435 0.663

L44.Conduct 0.038831 3.074520 0.013 0.990

L44.Water -1.075142 4.001501 -0.269 0.788

L44.Temp -1.427332 1.914989 -0.745 0.456

L44.Precip. horaria -0.014055 0.006930 -2.028 0.043

L44.Temp. prom aire 0.000027 0.000570 0.048 0.962

L45.Conduct -1.415189 2.587605 -0.547 0.584

L45.Water 4.516470 3.304687 1.367 0.172

L45.Temp 1.213044 1.671826 0.726 0.468

L45.Precip. horaria -0.008156 0.006838 -1.193 0.233

L45.Temp. prom aire -0.000912 0.000559 -1.632 0.103

L46.Conduct 1.959283 1.801581 1.088 0.277

L46.Water -5.040707 2.227307 -2.263 0.024

L46.Temp -0.774579 1.183123 -0.655 0.513

L46.Precip. horaria 0.002157 0.007000 0.308 0.758

L46.Temp. prom aire 0.000466 0.000553 0.843 0.399

L47.Conduct -1.340704 0.863051 -1.553 0.120

L47.Water 2.785962 1.022107 2.726 0.006

L47.Temp 0.282259 0.568253 0.497 0.619

L47.Precip. horaria -0.005434 0.006992 -0.777 0.437

L47.Temp. prom aire -0.000051 0.000553 -0.092 0.927

L48.Conduct 0.370842 0.198338 1.870 0.062

L48.Water -0.639523 0.223881 -2.857 0.004

L48.Temp -0.038482 0.130815 -0.294 0.769

L48.Precip. horaria -0.019228 0.006609 -2.909 0.004

L48.Temp. prom aire 0.000903 0.000514 1.756 0.079

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000637 0.008134 -0.078 0.938

L1.Conduct -0.020967 0.139479 -0.150 0.881

L1.Water 0.116375 0.103322 1.126 0.260

L1.Temp 3.817397 0.071201 53.614 0.000

L1.Precip. horaria 0.003698 0.004503 0.821 0.411

L1.Temp. prom aire 0.000290 0.000340 0.851 0.395

L2.Conduct 0.237671 0.557902 0.426 0.670

L2.Water -0.691432 0.439326 -1.574 0.116

L2.Temp -6.012304 0.281497 -21.358 0.000

L2.Precip. horaria -0.003713 0.005013 -0.741 0.459

L2.Temp. prom aire 0.000275 0.000363 0.757 0.449

L3.Conduct -0.981668 1.089401 -0.901 0.368

L3.Water 1.954995 0.918468 2.129 0.033

L3.Temp 4.985393 0.517371 9.636 0.000

L3.Precip. horaria 0.006824 0.004697 1.453 0.146

L3.Temp. prom aire -0.000437 0.000362 -1.207 0.227

L4.Conduct 2.096164 1.487832 1.409 0.159

L4.Water -3.486155 1.344334 -2.593 0.010

L4.Temp -1.895805 0.642380 -2.951 0.003

L4.Precip. horaria -0.006373 0.004525 -1.409 0.159

L4.Temp. prom aire -0.000233 0.000362 -0.643 0.520

L5.Conduct -3.160132 1.701177 -1.858 0.063

L5.Water 4.638754 1.634977 2.837 0.005

L5.Temp -0.736744 0.676096 -1.090 0.276

L5.Precip. horaria 0.001796 0.004547 0.395 0.693

L5.Temp. prom aire -0.000079 0.000362 -0.217 0.828

L6.Conduct 4.283205 1.824482 2.348 0.019

L6.Water -5.313155 1.827510 -2.907 0.004

L6.Temp 1.934552 0.711777 2.718 0.007

L6.Precip. horaria 0.002142 0.004597 0.466 0.641

L6.Temp. prom aire 0.000371 0.000364 1.018 0.309

L7.Conduct -5.413716 1.942411 -2.787 0.005

L7.Water 5.733008 1.981130 2.894 0.004

L7.Temp -3.355129 0.833599 -4.025 0.000

L7.Precip. horaria 0.003887 0.004592 0.847 0.397

L7.Temp. prom aire 0.000201 0.000360 0.560 0.576

L8.Conduct 6.167363 2.051497 3.006 0.003

L8.Water -5.822480 2.082221 -2.796 0.005

L8.Temp 6.278686 1.078419 5.822 0.000

L8.Precip. horaria -0.013264 0.004737 -2.800 0.005

L8.Temp. prom aire -0.000417 0.000372 -1.122 0.262

L9.Conduct -5.724867 2.189432 -2.615 0.009

L9.Water 4.600037 2.164949 2.125 0.034

L9.Temp -7.876613 1.421614 -5.541 0.000

L9.Precip. horaria 0.010366 0.004795 2.162 0.031

L9.Temp. prom aire 0.000518 0.000373 1.389 0.165

L10.Conduct 3.199457 2.408572 1.328 0.184

L10.Water -1.193047 2.373455 -0.503 0.615

L10.Temp 5.692398 1.763854 3.227 0.001

L10.Precip. horaria -0.011682 0.004855 -2.406 0.016

L10.Temp. prom aire -0.000338 0.000371 -0.911 0.362

L11.Conduct 0.644621 2.610502 0.247 0.805

L11.Water -3.471289 2.671256 -1.299 0.194

L11.Temp -1.411745 1.986463 -0.711 0.477

L11.Precip. horaria 0.016838 0.004692 3.589 0.000

L11.Temp. prom aire -0.000074 0.000371 -0.198 0.843

L12.Conduct -4.150117 2.742380 -1.513 0.130

L12.Water 7.416994 2.953593 2.511 0.012

L12.Temp -1.611018 2.068467 -0.779 0.436

L12.Precip. horaria -0.004201 0.004932 -0.852 0.394

L12.Temp. prom aire -0.000172 0.000367 -0.468 0.639

L13.Conduct 6.250590 2.848923 2.194 0.028

L13.Water -9.146788 3.185963 -2.871 0.004

L13.Temp 1.216615 2.056637 0.592 0.554

L13.Precip. horaria 0.004122 0.004959 0.831 0.406

L13.Temp. prom aire -0.000415 0.000367 -1.131 0.258

L14.Conduct -6.721532 2.934674 -2.290 0.022

L14.Water 8.621293 3.326195 2.592 0.010

L14.Temp 0.210249 2.031719 0.103 0.918

L14.Precip. horaria -0.005234 0.004985 -1.050 0.294

L14.Temp. prom aire -0.000391 0.000367 -1.064 0.287

L15.Conduct 6.129690 2.991871 2.049 0.040

L15.Water -6.654552 3.389234 -1.963 0.050

L15.Temp 1.227761 2.062837 0.595 0.552

L15.Precip. horaria 0.011366 0.005192 2.189 0.029

L15.Temp. prom aire 0.000534 0.000367 1.453 0.146

L16.Conduct -3.886867 3.042434 -1.278 0.201

L16.Water 2.774360 3.466937 0.800 0.424

L16.Temp -3.878961 2.155467 -1.800 0.072

L16.Precip. horaria -0.010575 0.005187 -2.039 0.041

L16.Temp. prom aire -0.000554 0.000363 -1.527 0.127

L17.Conduct -0.639686 3.173448 -0.202 0.840

L17.Water 3.149052 3.678527 0.856 0.392

L17.Temp 3.777202 2.315375 1.631 0.103

L17.Precip. horaria 0.000851 0.005102 0.167 0.868

L17.Temp. prom aire 0.000337 0.000367 0.916 0.360

L18.Conduct 5.163537 3.405169 1.516 0.129

L18.Water -8.666822 4.013056 -2.160 0.031

L18.Temp -0.729236 2.505020 -0.291 0.771

L18.Precip. horaria 0.002945 0.004937 0.597 0.551

L18.Temp. prom aire -0.000415 0.000368 -1.130 0.258

L19.Conduct -7.476408 3.603088 -2.075 0.038

L19.Water 11.421948 4.287020 2.664 0.008

L19.Temp -1.825573 2.655304 -0.688 0.492

L19.Precip. horaria 0.002669 0.005215 0.512 0.609

L19.Temp. prom aire 0.000201 0.000366 0.548 0.584

L20.Conduct 7.408869 3.659432 2.025 0.043

L20.Water -10.981061 4.371103 -2.512 0.012

L20.Temp 0.956317 2.710431 0.353 0.724

L20.Precip. horaria -0.002510 0.005091 -0.493 0.622

L20.Temp. prom aire 0.000537 0.000368 1.461 0.144

L21.Conduct -5.766581 3.626938 -1.590 0.112

L21.Water 8.609489 4.340822 1.983 0.047

L21.Temp 0.744532 2.673373 0.278 0.781

L21.Precip. horaria 0.009612 0.005067 1.897 0.058

L21.Temp. prom aire -0.000521 0.000377 -1.384 0.166

L22.Conduct 4.206161 3.603437 1.167 0.243

L22.Water -6.066653 4.334927 -1.399 0.162

L22.Temp 0.745226 2.605720 0.286 0.775

L22.Precip. horaria -0.004466 0.005375 -0.831 0.406

L22.Temp. prom aire 0.000159 0.000379 0.418 0.676

L23.Conduct -2.648753 3.580113 -0.740 0.459

L23.Water 3.129309 4.357358 0.718 0.473

L23.Temp -3.699719 2.548684 -1.452 0.147

L23.Precip. horaria 0.012523 0.005378 2.328 0.020

L23.Temp. prom aire -0.000637 0.000376 -1.692 0.091

L24.Conduct 0.207338 3.581668 0.058 0.954

L24.Water 0.652545 4.428058 0.147 0.883

L24.Temp 4.098002 2.569613 1.595 0.111

L24.Precip. horaria -0.009817 0.005258 -1.867 0.062

L24.Temp. prom aire 0.000126 0.000375 0.337 0.736

L25.Conduct 2.165125 3.684564 0.588 0.557

L25.Water -4.079263 4.619907 -0.883 0.377

L25.Temp -1.002741 2.718878 -0.369 0.712

L25.Precip. horaria 0.000097 0.004769 0.020 0.984

L25.Temp. prom aire -0.000101 0.000380 -0.267 0.790

L26.Conduct -3.753556 3.855656 -0.974 0.330

L26.Water 5.974683 4.876079 1.225 0.220

L26.Temp -2.779406 2.941536 -0.945 0.345

L26.Precip. horaria -0.006652 0.004713 -1.412 0.158

L26.Temp. prom aire -0.000204 0.000377 -0.541 0.589

L27.Conduct 3.993195 3.972259 1.005 0.315

L27.Water -5.647107 5.026454 -1.123 0.261

L27.Temp 3.685102 3.072983 1.199 0.230

L27.Precip. horaria 0.006088 0.004707 1.293 0.196

L27.Temp. prom aire 0.000201 0.000376 0.534 0.594

L28.Conduct -2.962601 3.952186 -0.750 0.453

L28.Water 4.063607 4.978915 0.816 0.414

L28.Temp -2.589227 3.020826 -0.857 0.391

L28.Precip. horaria -0.006246 0.004697 -1.330 0.184

L28.Temp. prom aire -0.000068 0.000374 -0.182 0.856

L29.Conduct 2.347067 3.858572 0.608 0.543

L29.Water -3.098658 4.820906 -0.643 0.520

L29.Temp 2.753658 2.861964 0.962 0.336

L29.Precip. horaria -0.006235 0.004526 -1.378 0.168

L29.Temp. prom aire 0.000054 0.000380 0.143 0.887

L30.Conduct -1.765544 3.732614 -0.473 0.636

L30.Water 2.067605 4.640432 0.446 0.656

L30.Temp -4.113082 2.665992 -1.543 0.123

L30.Precip. horaria 0.004498 0.004577 0.983 0.326

L30.Temp. prom aire 0.000133 0.000377 0.353 0.724

L31.Conduct -0.141832 3.590707 -0.039 0.968

L31.Water 0.418055 4.512066 0.093 0.926

L31.Temp 4.249692 2.458673 1.728 0.084

L31.Precip. horaria -0.004802 0.004793 -1.002 0.316

L31.Temp. prom aire -0.000128 0.000375 -0.342 0.733

L32.Conduct 2.583243 3.534157 0.731 0.465

L32.Water -3.595223 4.531934 -0.793 0.428

L32.Temp -1.715535 2.297097 -0.747 0.455

L32.Precip. horaria -0.003877 0.004750 -0.816 0.414

L32.Temp. prom aire 0.000007 0.000378 0.020 0.984

L33.Conduct -4.068143 3.597569 -1.131 0.258

L33.Water 5.417839 4.672601 1.159 0.246

L33.Temp -1.887012 2.267336 -0.832 0.405

L33.Precip. horaria 0.010170 0.004721 2.154 0.031

L33.Temp. prom aire 0.000234 0.000373 0.629 0.530

L34.Conduct 3.063026 3.584577 0.855 0.393

L34.Water -4.121000 4.679246 -0.881 0.378

L34.Temp 3.362077 2.311426 1.455 0.146

L34.Precip. horaria -0.014073 0.004803 -2.930 0.003

L34.Temp. prom aire -0.000150 0.000373 -0.403 0.687

L35.Conduct 0.016663 3.369896 0.005 0.996

L35.Water 0.642001 4.422061 0.145 0.885

L35.Temp -2.857534 2.317996 -1.233 0.218

L35.Precip. horaria 0.017180 0.004775 3.598 0.000

L35.Temp. prom aire 0.000355 0.000373 0.951 0.341

L36.Conduct -2.811089 3.136444 -0.896 0.370

L36.Water 2.641522 4.086015 0.646 0.518

L36.Temp 3.016593 2.292698 1.316 0.188

L36.Precip. horaria -0.012778 0.004872 -2.623 0.009

L36.Temp. prom aire -0.000098 0.000373 -0.263 0.792

L37.Conduct 4.681432 2.965759 1.578 0.114

L37.Water -5.248123 3.799059 -1.381 0.167

L37.Temp -4.278545 2.216171 -1.931 0.054

L37.Precip. horaria 0.013511 0.004685 2.884 0.004

L37.Temp. prom aire -0.000537 0.000385 -1.394 0.163

L38.Conduct -5.835520 2.791752 -2.090 0.037

L38.Water 7.303261 3.572073 2.045 0.041

L38.Temp 4.951196 2.025640 2.444 0.015

L38.Precip. horaria -0.007694 0.004528 -1.699 0.089

L38.Temp. prom aire 0.000375 0.000386 0.969 0.332

L39.Conduct 6.003628 2.619785 2.292 0.022

L39.Water -8.245029 3.422853 -2.409 0.016

L39.Temp -3.694847 1.704996 -2.167 0.030

L39.Precip. horaria -0.002163 0.004512 -0.479 0.632

L39.Temp. prom aire -0.000246 0.000388 -0.634 0.526

L40.Conduct -5.122208 2.521835 -2.031 0.042

L40.Water 7.391799 3.371671 2.192 0.028

L40.Temp 1.227911 1.389009 0.884 0.377

L40.Precip. horaria 0.000828 0.004493 0.184 0.854

L40.Temp. prom aire -0.000335 0.000387 -0.865 0.387

L41.Conduct 3.300861 2.464087 1.340 0.180

L41.Water -4.977391 3.305289 -1.506 0.132

L41.Temp 0.561398 1.277959 0.439 0.660

L41.Precip. horaria -0.013453 0.004516 -2.979 0.003

L41.Temp. prom aire 0.000455 0.000389 1.171 0.242

L42.Conduct -1.897186 2.358780 -0.804 0.421

L42.Water 3.342415 3.135955 1.066 0.286

L42.Temp -1.447939 1.302959 -1.111 0.266

L42.Precip. horaria 0.012142 0.004612 2.633 0.008

L42.Temp. prom aire -0.000525 0.000388 -1.352 0.176

L43.Conduct 2.227064 2.238950 0.995 0.320

L43.Water -4.175601 2.944931 -1.418 0.156

L43.Temp 2.302198 1.325376 1.737 0.082

L43.Precip. horaria -0.008846 0.004652 -1.902 0.057

L43.Temp. prom aire 0.000145 0.000384 0.377 0.706

L44.Conduct -3.278585 2.063569 -1.589 0.112

L44.Water 5.802981 2.685745 2.161 0.031

L44.Temp -3.041013 1.285310 -2.366 0.018

L44.Precip. horaria -0.005851 0.004652 -1.258 0.208

L44.Temp. prom aire 0.000116 0.000382 0.304 0.761

L45.Conduct 3.493449 1.736760 2.011 0.044

L45.Water -5.794468 2.218054 -2.612 0.009

L45.Temp 3.097943 1.122104 2.761 0.006

L45.Precip. horaria 0.015497 0.004589 3.377 0.001

L45.Temp. prom aire 0.000272 0.000375 0.726 0.468

L46.Conduct -2.538497 1.209193 -2.099 0.036

L46.Water 3.850825 1.494933 2.576 0.010

L46.Temp -2.230704 0.794094 -2.809 0.005

L46.Precip. horaria -0.016944 0.004698 -3.607 0.000

L46.Temp. prom aire 0.000034 0.000371 0.092 0.927

L47.Conduct 1.105833 0.579267 1.909 0.056

L47.Water -1.529683 0.686022 -2.230 0.026

L47.Temp 0.958806 0.381403 2.514 0.012

L47.Precip. horaria 0.013136 0.004693 2.799 0.005

L47.Temp. prom aire 0.000155 0.000371 0.417 0.677

L48.Conduct -0.206887 0.133122 -1.554 0.120

L48.Water 0.269409 0.150265 1.793 0.073

L48.Temp -0.179682 0.087801 -2.046 0.041

L48.Precip. horaria -0.000072 0.004436 -0.016 0.987

L48.Temp. prom aire -0.000367 0.000345 -1.064 0.287

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.092714 0.130650 -0.710 0.478

L1.Conduct 3.385650 2.240475 1.511 0.131

L1.Water -5.752205 1.659675 -3.466 0.001

L1.Temp -1.037249 1.143710 -0.907 0.364

L1.Precip. horaria 0.454135 0.072328 6.279 0.000

L1.Temp. prom aire 0.004259 0.005469 0.779 0.436

L2.Conduct -15.190463 8.961640 -1.695 0.090

L2.Water 26.076262 7.056936 3.695 0.000

L2.Temp 2.724143 4.521717 0.602 0.547

L2.Precip. horaria 0.134839 0.080518 1.675 0.094

L2.Temp. prom aire 0.004609 0.005834 0.790 0.429

L3.Conduct 32.672350 17.499163 1.867 0.062

L3.Water -51.722932 14.753459 -3.506 0.000

L3.Temp -4.024696 8.310588 -0.484 0.628

L3.Precip. horaria 0.057855 0.075441 0.767 0.443

L3.Temp. prom aire -0.003034 0.005816 -0.522 0.602

L4.Conduct -39.144338 23.899210 -1.638 0.101

L4.Water 55.134389 21.594180 2.553 0.011

L4.Temp 7.137022 10.318621 0.692 0.489

L4.Precip. horaria -0.298719 0.072679 -4.110 0.000

L4.Temp. prom aire 0.001302 0.005823 0.224 0.823

L5.Conduct 20.920164 27.326193 0.766 0.444

L5.Water -23.690747 26.262818 -0.902 0.367

L5.Temp -11.176432 10.860213 -1.029 0.303

L5.Precip. horaria 0.057634 0.073040 0.789 0.430

L5.Temp. prom aire -0.011643 0.005815 -2.002 0.045

L6.Conduct 8.334049 29.306860 0.284 0.776

L6.Water -17.614262 29.355499 -0.600 0.548

L6.Temp 10.480794 11.433358 0.917 0.359

L6.Precip. horaria 0.060813 0.073839 0.824 0.410

L6.Temp. prom aire 0.001219 0.005851 0.208 0.835

L7.Conduct -24.158310 31.201163 -0.774 0.439

L7.Water 32.100073 31.823110 1.009 0.313

L7.Temp -2.767071 13.390194 -0.207 0.836

L7.Precip. horaria 0.306334 0.073760 4.153 0.000

L7.Temp. prom aire 0.013548 0.005781 2.344 0.019

L8.Conduct 21.043052 32.953426 0.639 0.523

L8.Water -18.099473 33.446944 -0.541 0.588

L8.Temp -8.373352 17.322761 -0.483 0.629

L8.Precip. horaria -0.237608 0.076090 -3.123 0.002

L8.Temp. prom aire -0.010097 0.005975 -1.690 0.091

L9.Conduct -5.534611 35.169099 -0.157 0.875

L9.Water -4.384110 34.775816 -0.126 0.900

L9.Temp 15.817028 22.835548 0.693 0.489

L9.Precip. horaria -0.014366 0.077026 -0.187 0.852

L9.Temp. prom aire 0.004441 0.005986 0.742 0.458

L10.Conduct -22.367642 38.689159 -0.578 0.563

L10.Water 38.522380 38.125080 1.010 0.312

L10.Temp -16.707629 28.332987 -0.590 0.555

L10.Precip. horaria 0.170397 0.077991 2.185 0.029

L10.Temp. prom aire -0.001542 0.005965 -0.259 0.796

L11.Conduct 56.241008 41.932794 1.341 0.180

L11.Water -83.393376 42.908682 -1.944 0.052

L11.Temp 15.613256 31.908781 0.489 0.625

L11.Precip. horaria 0.006308 0.075368 0.084 0.933

L11.Temp. prom aire -0.003875 0.005958 -0.650 0.515

L12.Conduct -67.760534 44.051160 -1.538 0.124

L12.Water 97.636541 47.443900 2.058 0.040

L12.Temp -12.350658 33.226022 -0.372 0.710

L12.Precip. horaria -0.208814 0.079222 -2.636 0.008

L12.Temp. prom aire 0.015364 0.005902 2.603 0.009

L13.Conduct 39.475086 45.762572 0.863 0.388

L13.Water -47.770560 51.176479 -0.933 0.351

L13.Temp 2.324637 33.035997 0.070 0.944

L13.Precip. horaria -0.033182 0.079665 -0.417 0.677

L13.Temp. prom aire -0.011271 0.005896 -1.912 0.056

L14.Conduct 11.733945 47.139997 0.249 0.803

L14.Water -45.635842 53.429036 -0.854 0.393

L14.Temp 11.847198 32.635738 0.363 0.717

L14.Precip. horaria 0.343377 0.080068 4.289 0.000

L14.Temp. prom aire 0.002176 0.005895 0.369 0.712

L15.Conduct -66.286145 48.058765 -1.379 0.168

L15.Water 137.281056 54.441652 2.522 0.012

L15.Temp -24.309312 33.135577 -0.734 0.463

L15.Precip. horaria -0.037019 0.083393 -0.444 0.657

L15.Temp. prom aire 0.005877 0.005902 0.996 0.319

L16.Conduct 120.969554 48.870956 2.475 0.013

L16.Water -208.032044 55.689798 -3.736 0.000

L16.Temp 30.924599 34.623506 0.893 0.372

L16.Precip. horaria -0.039990 0.083315 -0.480 0.631

L16.Temp. prom aire -0.013756 0.005828 -2.360 0.018

L17.Conduct -170.416679 50.975454 -3.343 0.001

L17.Water 261.233466 59.088586 4.421 0.000

L17.Temp -31.983499 37.192129 -0.860 0.390

L17.Precip. horaria -0.043942 0.081959 -0.536 0.592

L17.Temp. prom aire 0.009187 0.005903 1.556 0.120

L18.Conduct 192.404960 54.697612 3.518 0.000

L18.Water -277.983906 64.462164 -4.312 0.000

L18.Temp 33.835941 40.238409 0.841 0.400

L18.Precip. horaria 0.204497 0.079296 2.579 0.010

L18.Temp. prom aire 0.000939 0.005906 0.159 0.874

L19.Conduct -169.050298 57.876814 -2.921 0.003

L19.Water 229.618695 68.862887 3.334 0.001

L19.Temp -34.437610 42.652441 -0.807 0.419

L19.Precip. horaria -0.135689 0.083768 -1.620 0.105

L19.Temp. prom aire -0.004950 0.005882 -0.842 0.400

L20.Conduct 115.239294 58.781874 1.960 0.050

L20.Water -126.470712 70.213511 -1.801 0.072

L20.Temp 22.932558 43.537965 0.527 0.598

L20.Precip. horaria -0.024581 0.081780 -0.301 0.764

L20.Temp. prom aire 0.012281 0.005904 2.080 0.038

L21.Conduct -52.210983 58.259912 -0.896 0.370

L21.Water 4.938557 69.727103 0.071 0.944

L21.Temp 3.506344 42.942689 0.082 0.935

L21.Precip. horaria -0.250563 0.081394 -3.078 0.002

L21.Temp. prom aire -0.003686 0.006050 -0.609 0.542

L22.Conduct -12.806061 57.882411 -0.221 0.825

L22.Water 100.722310 69.632420 1.446 0.148

L22.Temp -38.328884 41.855976 -0.916 0.360

L22.Precip. horaria -0.117804 0.086335 -1.364 0.172

L22.Temp. prom aire 0.002298 0.006089 0.377 0.706

L23.Conduct 75.159536 57.507762 1.307 0.191

L23.Water -178.447255 69.992730 -2.550 0.011

L23.Temp 69.081669 40.939796 1.687 0.092

L23.Precip. horaria 0.106166 0.086395 1.229 0.219

L23.Temp. prom aire -0.001077 0.006046 -0.178 0.859

L24.Conduct -148.700465 57.532736 -2.585 0.010

L24.Water 259.115099 71.128387 3.643 0.000

L24.Temp -86.314611 41.275976 -2.091 0.037

L24.Precip. horaria -0.170816 0.084462 -2.022 0.043

L24.Temp. prom aire 0.002512 0.006021 0.417 0.677

L25.Conduct 236.313909 59.185560 3.993 0.000

L25.Water -356.355885 74.210085 -4.802 0.000

L25.Temp 90.697238 43.673639 2.077 0.038

L25.Precip. horaria -0.122712 0.076602 -1.602 0.109

L25.Temp. prom aire -0.003750 0.006096 -0.615 0.538

L26.Conduct -294.703026 61.933841 -4.758 0.000

L26.Water 416.153438 78.325002 5.313 0.000

L26.Temp -81.301234 47.250223 -1.721 0.085

L26.Precip. horaria 0.119913 0.075699 1.584 0.113

L26.Temp. prom aire 0.005660 0.006063 0.934 0.351

L27.Conduct 290.514524 63.806839 4.553 0.000

L27.Water -384.249438 80.740497 -4.759 0.000

L27.Temp 56.385515 49.361678 1.142 0.253

L27.Precip. horaria 0.011064 0.075606 0.146 0.884

L27.Temp. prom aire -0.006997 0.006040 -1.158 0.247

L28.Conduct -236.651866 63.484402 -3.728 0.000

L28.Water 274.175783 79.976873 3.428 0.001

L28.Temp -22.449406 48.523872 -0.463 0.644

L28.Precip. horaria -0.066171 0.075453 -0.877 0.380

L28.Temp. prom aire 0.002705 0.006000 0.451 0.652

L29.Conduct 163.971797 61.980680 2.646 0.008

L29.Water -144.568388 77.438752 -1.867 0.062

L29.Temp -10.119469 45.972055 -0.220 0.826

L29.Precip. horaria -0.027957 0.072698 -0.385 0.701

L29.Temp. prom aire -0.005063 0.006111 -0.829 0.407

L30.Conduct -77.542063 59.957390 -1.293 0.196

L30.Water 16.978219 74.539783 0.228 0.820

L30.Temp 28.895049 42.824128 0.675 0.500

L30.Precip. horaria 0.048943 0.073519 0.666 0.506

L30.Temp. prom aire 0.000423 0.006057 0.070 0.944

L31.Conduct -42.501036 57.677927 -0.737 0.461

L31.Water 135.526051 72.477821 1.870 0.061

L31.Temp -31.494438 39.493934 -0.797 0.425

L31.Precip. horaria -0.161523 0.076989 -2.098 0.036

L31.Temp. prom aire 0.006562 0.006024 1.089 0.276

L32.Conduct 164.590308 56.769564 2.899 0.004

L32.Water -290.514135 72.796960 -3.991 0.000

L32.Temp 31.957999 36.898522 0.866 0.386

L32.Precip. horaria 0.162536 0.076299 2.130 0.033

L32.Temp. prom aire 0.001578 0.006077 0.260 0.795

L33.Conduct -220.191615 57.788152 -3.810 0.000

L33.Water 370.657171 75.056512 4.938 0.000

L33.Temp -36.824638 36.420470 -1.011 0.312

L33.Precip. horaria -0.035833 0.075837 -0.473 0.637

L33.Temp. prom aire -0.004325 0.005992 -0.722 0.470

L34.Conduct 203.718017 57.579455 3.538 0.000

L34.Water -344.620804 75.163248 -4.585 0.000

L34.Temp 39.889217 37.128703 1.074 0.283

L34.Precip. horaria -0.120360 0.077154 -1.560 0.119

L34.Temp. prom aire -0.002980 0.005985 -0.498 0.619

L35.Conduct -158.839744 54.131015 -2.934 0.003

L35.Water 248.399376 71.032069 3.497 0.000

L35.Temp -37.192030 37.234233 -0.999 0.318

L35.Precip. horaria 0.229827 0.076696 2.997 0.003

L35.Temp. prom aire -0.004984 0.005990 -0.832 0.405

L36.Conduct 120.089286 50.381056 2.384 0.017

L36.Water -140.286704 65.634122 -2.137 0.033

L36.Temp 28.376919 36.827872 0.771 0.441

L36.Precip. horaria -0.173973 0.078264 -2.223 0.026

L36.Temp. prom aire 0.001863 0.005997 0.311 0.756

L37.Conduct -89.313104 47.639313 -1.875 0.061

L37.Water 52.824825 61.024705 0.866 0.387

L37.Temp -16.214564 35.598611 -0.455 0.649

L37.Precip. horaria -0.007555 0.075258 -0.100 0.920

L37.Temp. prom aire 0.005721 0.006187 0.925 0.355

L38.Conduct 41.239229 44.844229 0.920 0.358

L38.Water 22.471421 57.378602 0.392 0.695

L38.Temp 1.745592 32.538077 0.054 0.957

L38.Precip. horaria 0.047983 0.072738 0.660 0.509

L38.Temp. prom aire -0.006076 0.006208 -0.979 0.328

L39.Conduct 14.045409 42.081906 0.334 0.739

L39.Water -84.636349 54.981665 -1.539 0.124

L39.Temp 16.711606 27.387547 0.610 0.542

L39.Precip. horaria -0.010217 0.072478 -0.141 0.888

L39.Temp. prom aire 0.002797 0.006238 0.448 0.654

L40.Conduct -35.396849 40.508526 -0.874 0.382

L40.Water 104.539872 54.159524 1.930 0.054

L40.Temp -33.645358 22.311803 -1.508 0.132

L40.Precip. horaria 0.028359 0.072179 0.393 0.694

L40.Temp. prom aire -0.008699 0.006210 -1.401 0.161

L41.Conduct 22.284872 39.580901 0.563 0.573

L41.Water -71.885503 53.093226 -1.354 0.176

L41.Temp 42.308467 20.528005 2.061 0.039

L41.Precip. horaria -0.095216 0.072546 -1.312 0.189

L41.Temp. prom aire 0.016276 0.006247 2.605 0.009

L42.Conduct -11.619155 37.889355 -0.307 0.759

L42.Water 22.466428 50.373193 0.446 0.656

L42.Temp -41.348372 20.929575 -1.976 0.048

L42.Precip. horaria 0.069849 0.074081 0.943 0.346

L42.Temp. prom aire 0.000937 0.006232 0.150 0.880

L43.Conduct 30.040839 35.964501 0.835 0.404

L43.Water -8.507087 47.304758 -0.180 0.857

L43.Temp 30.362819 21.289669 1.426 0.154

L43.Precip. horaria -0.138603 0.074722 -1.855 0.064

L43.Temp. prom aire -0.005543 0.006168 -0.899 0.369

L44.Conduct -58.993859 33.147344 -1.780 0.075

L44.Water 34.189005 43.141416 0.792 0.428

L44.Temp -15.284091 20.646084 -0.740 0.459

L44.Precip. horaria 0.138849 0.074719 1.858 0.063

L44.Temp. prom aire 0.000583 0.006143 0.095 0.924

L45.Conduct 56.990579 27.897771 2.043 0.041

L45.Water -50.506065 35.628847 -1.418 0.156

L45.Temp 5.473376 18.024476 0.304 0.761

L45.Precip. horaria 0.022833 0.073719 0.310 0.757

L45.Temp. prom aire -0.000736 0.006023 -0.122 0.903

L46.Conduct -28.016868 19.423400 -1.442 0.149

L46.Water 33.975297 24.013283 1.415 0.157

L46.Temp -1.750851 12.755615 -0.137 0.891

L46.Precip. horaria -0.017003 0.075469 -0.225 0.822

L46.Temp. prom aire -0.005849 0.005963 -0.981 0.327

L47.Conduct 6.975530 9.304824 0.750 0.453

L47.Water -11.087795 11.019648 -1.006 0.314

L47.Temp 0.511249 6.126514 0.083 0.933

L47.Precip. horaria 0.049175 0.075382 0.652 0.514

L47.Temp. prom aire 0.003638 0.005959 0.610 0.542

L48.Conduct -0.932085 2.138348 -0.436 0.663

L48.Water 1.473157 2.413726 0.610 0.542

L48.Temp -0.107110 1.410358 -0.076 0.939

L48.Precip. horaria 0.061566 0.071259 0.864 0.388

L48.Temp. prom aire -0.000238 0.005541 -0.043 0.966

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 3.417369 1.670500 2.046 0.041

L1.Conduct 38.989611 28.646899 1.361 0.174

L1.Water -25.014708 21.220751 -1.179 0.238

L1.Temp -4.260303 14.623576 -0.291 0.771

L1.Precip. horaria 0.127013 0.924795 0.137 0.891

L1.Temp. prom aire 0.440343 0.069931 6.297 0.000

L2.Conduct -171.620719 114.584295 -1.498 0.134

L2.Water 116.123692 90.230579 1.287 0.198

L2.Temp 21.514426 57.815063 0.372 0.710

L2.Precip. horaria 0.362372 1.029511 0.352 0.725

L2.Temp. prom aire 0.057648 0.074595 0.773 0.440

L3.Conduct 355.712820 223.745783 1.590 0.112

L3.Water -251.690706 188.638978 -1.334 0.182

L3.Temp -59.901675 106.259880 -0.564 0.573

L3.Precip. horaria -0.550743 0.964600 -0.571 0.568

L3.Temp. prom aire 0.018929 0.074370 0.255 0.799

L4.Conduct -463.643636 305.577325 -1.517 0.129

L4.Water 350.648333 276.105022 1.270 0.204

L4.Temp 167.604440 131.934764 1.270 0.204

L4.Precip. horaria -0.163432 0.929276 -0.176 0.860

L4.Temp. prom aire 0.005712 0.074449 0.077 0.939

L5.Conduct 465.667340 349.395029 1.333 0.183

L5.Water -408.036542 335.798627 -1.215 0.224

L5.Temp -301.340473 138.859608 -2.170 0.030

L5.Precip. horaria -1.397334 0.933895 -1.496 0.135

L5.Temp. prom aire -0.095511 0.074347 -1.285 0.199

L6.Conduct -466.498815 374.719998 -1.245 0.213

L6.Water 496.673811 375.341899 1.323 0.186

L6.Temp 233.910220 146.187892 1.600 0.110

L6.Precip. horaria 2.039460 0.944115 2.160 0.031

L6.Temp. prom aire -0.042595 0.074816 -0.569 0.569

L7.Conduct 509.402428 398.940725 1.277 0.202

L7.Water -613.549882 406.892989 -1.508 0.132

L7.Temp 62.341343 171.208153 0.364 0.716

L7.Precip. horaria -1.206198 0.943102 -1.279 0.201

L7.Temp. prom aire 0.253037 0.073913 3.423 0.001

L8.Conduct -487.398555 421.345307 -1.157 0.247

L8.Water 663.409781 427.655472 1.551 0.121

L8.Temp -297.429287 221.490299 -1.343 0.179

L8.Precip. horaria 0.980208 0.972899 1.008 0.314

L8.Temp. prom aire -0.114715 0.076393 -1.502 0.133

L9.Conduct 310.799669 449.675087 0.691 0.489

L9.Water -568.915459 444.646541 -1.279 0.201

L9.Temp 320.753535 291.977263 1.099 0.272

L9.Precip. horaria -1.456491 0.984864 -1.479 0.139

L9.Temp. prom aire -0.113953 0.076533 -1.489 0.137

L10.Conduct -66.957661 494.682870 -0.135 0.892

L10.Water 374.918442 487.470513 0.769 0.442

L10.Temp -248.393312 362.267980 -0.686 0.493

L10.Precip. horaria 2.068911 0.997197 2.075 0.038

L10.Temp. prom aire -0.091990 0.076271 -1.206 0.228

L11.Conduct -114.235162 536.156267 -0.213 0.831

L11.Water -182.475989 548.634052 -0.333 0.739

L11.Temp 215.473406 407.988380 0.528 0.597

L11.Precip. horaria 0.530169 0.963655 0.550 0.582

L11.Temp. prom aire -0.029321 0.076174 -0.385 0.700

L12.Conduct 237.952607 563.241876 0.422 0.673

L12.Water -27.368769 606.621732 -0.045 0.964

L12.Temp -222.391243 424.830740 -0.523 0.601

L12.Precip. horaria 1.340024 1.012936 1.323 0.186

L12.Temp. prom aire 0.052704 0.075465 0.698 0.485

L13.Conduct -373.842119 585.124138 -0.639 0.523

L13.Water 312.033877 654.346803 0.477 0.633

L13.Temp 162.085314 422.401062 0.384 0.701

L13.Precip. horaria -2.080154 1.018597 -2.042 0.041

L13.Temp. prom aire 0.010814 0.075380 0.143 0.886

L14.Conduct 564.909491 602.736010 0.937 0.349

L14.Water -648.081465 683.148197 -0.949 0.343

L14.Temp -7.005276 417.283312 -0.017 0.987

L14.Precip. horaria 1.257479 1.023755 1.228 0.219

L14.Temp. prom aire -0.009895 0.075378 -0.131 0.896

L15.Conduct -776.064216 614.483451 -1.263 0.207

L15.Water 973.135414 696.095588 1.398 0.162

L15.Temp -166.262982 423.674306 -0.392 0.695

L15.Precip. horaria 0.013645 1.066264 0.013 0.990

L15.Temp. prom aire -0.091069 0.075460 -1.207 0.227

L16.Conduct 874.202025 624.868195 1.399 0.162

L16.Water -1171.080682 712.054488 -1.645 0.100

L16.Temp 254.367835 442.699087 0.575 0.566

L16.Precip. horaria -0.236922 1.065279 -0.222 0.824

L16.Temp. prom aire 0.022539 0.074515 0.302 0.762

L17.Conduct -778.421622 651.776491 -1.194 0.232

L17.Water 1142.662668 755.511678 1.512 0.130

L17.Temp -191.570895 475.541717 -0.403 0.687

L17.Precip. horaria 0.341994 1.047939 0.326 0.744

L17.Temp. prom aire 0.160133 0.075474 2.122 0.034

L18.Conduct 589.327994 699.368310 0.843 0.399

L18.Water -910.529408 824.218699 -1.105 0.269

L18.Temp 174.461810 514.491721 0.339 0.735

L18.Precip. horaria 0.871794 1.013884 0.860 0.390

L18.Temp. prom aire -0.072122 0.075512 -0.955 0.340

L19.Conduct -453.625267 740.017856 -0.613 0.540

L19.Water 544.914289 880.486720 0.619 0.536

L19.Temp -410.708680 545.357732 -0.753 0.451

L19.Precip. horaria -0.363737 1.071068 -0.340 0.734

L19.Temp. prom aire -0.117228 0.075202 -1.559 0.119

L20.Conduct 316.629836 751.590038 0.421 0.674

L20.Water -83.565090 897.755920 -0.093 0.926

L20.Temp 626.309404 556.680121 1.125 0.261

L20.Precip. horaria -0.407226 1.045640 -0.389 0.697

L20.Temp. prom aire -0.093973 0.075485 -1.245 0.213

L21.Conduct -17.672446 744.916183 -0.024 0.981

L21.Water -474.545372 891.536662 -0.532 0.595

L21.Temp -482.406837 549.068867 -0.879 0.380

L21.Precip. horaria 1.195296 1.040707 1.149 0.251

L21.Temp. prom aire 0.153952 0.077355 1.990 0.047

L22.Conduct -383.072656 740.089428 -0.518 0.605

L22.Water 1078.008399 890.326031 1.211 0.226

L22.Temp 140.846506 535.174069 0.263 0.792

L22.Precip. horaria -0.863276 1.103891 -0.782 0.434

L22.Temp. prom aire 0.017450 0.077855 0.224 0.823

L23.Conduct 728.373508 735.299128 0.991 0.322

L23.Water -1594.785834 894.932996 -1.782 0.075

L23.Temp 21.142916 523.459704 0.040 0.968

L23.Precip. horaria 0.908781 1.104653 0.823 0.411

L23.Temp. prom aire 0.012806 0.077309 0.166 0.868

L24.Conduct -1044.904400 735.618447 -1.420 0.155

L24.Water 1973.525955 909.453596 2.170 0.030

L24.Temp 113.928761 527.758135 0.216 0.829

L24.Precip. horaria -0.385312 1.079932 -0.357 0.721

L24.Temp. prom aire -0.202125 0.076984 -2.626 0.009

L25.Conduct 1384.656393 756.751596 1.830 0.067

L25.Water -2208.325457 948.856453 -2.327 0.020

L25.Temp -316.753346 558.414864 -0.567 0.571

L25.Precip. horaria -0.772906 0.979445 -0.789 0.430

L25.Temp. prom aire 0.024038 0.077945 0.308 0.758

L26.Conduct -1640.534791 791.891357 -2.072 0.038

L26.Water 2192.540216 1001.470135 2.189 0.029

L26.Temp 341.427136 604.145369 0.565 0.572

L26.Precip. horaria 1.795979 0.967893 1.856 0.064

L26.Temp. prom aire -0.004441 0.077521 -0.057 0.954

L27.Conduct 1642.958734 815.839668 2.014 0.044

L27.Water -1839.078225 1032.354854 -1.781 0.075

L27.Temp -248.998572 631.142610 -0.395 0.693

L27.Precip. horaria -0.805512 0.966710 -0.833 0.405

L27.Temp. prom aire 0.089412 0.077233 1.158 0.247

L28.Conduct -1321.960633 811.716953 -1.629 0.103

L28.Water 1184.184599 1022.591087 1.158 0.247

L28.Temp 258.222943 620.430355 0.416 0.677

L28.Precip. horaria -0.879339 0.964744 -0.911 0.362

L28.Temp. prom aire -0.097194 0.076722 -1.267 0.205

L29.Conduct 760.986507 792.490236 0.960 0.337

L29.Water -327.941948 990.138466 -0.331 0.740

L29.Temp -426.685591 587.802606 -0.726 0.468

L29.Precip. horaria 0.997172 0.929525 1.073 0.283

L29.Temp. prom aire -0.165555 0.078130 -2.119 0.034

L30.Conduct -111.341313 766.620277 -0.145 0.885

L30.Water -585.449838 953.071997 -0.614 0.539

L30.Temp 506.659470 547.552942 0.925 0.355

L30.Precip. horaria 0.417050 0.940014 0.444 0.657

L30.Temp. prom aire 0.027443 0.077448 0.354 0.723

L31.Conduct -495.603593 737.474880 -0.672 0.502

L31.Water 1394.605998 926.707574 1.505 0.132

L31.Temp -225.627005 504.972796 -0.447 0.655

L31.Precip. horaria -1.733829 0.984387 -1.761 0.078

L31.Temp. prom aire 0.112597 0.077029 1.462 0.144

L32.Conduct 1011.642070 725.860467 1.394 0.163

L32.Water -1993.561370 930.788111 -2.142 0.032

L32.Temp -217.862222 471.787643 -0.462 0.644

L32.Precip. horaria 1.310711 0.975570 1.344 0.179

L32.Temp. prom aire -0.052292 0.077703 -0.673 0.501

L33.Conduct -1452.095342 738.884215 -1.965 0.049

L33.Water 2367.702010 959.678935 2.467 0.014

L33.Temp 396.667088 465.675223 0.852 0.394

L33.Precip. horaria -0.908193 0.969657 -0.937 0.349

L33.Temp. prom aire 0.077796 0.076619 1.015 0.310

L34.Conduct 1743.804333 736.215800 2.369 0.018

L34.Water -2516.506898 961.043669 -2.619 0.009

L34.Temp -293.033477 474.730746 -0.617 0.537

L34.Precip. horaria 0.942146 0.986494 0.955 0.340

L34.Temp. prom aire -0.086652 0.076520 -1.132 0.257

L35.Conduct -1794.130995 692.123754 -2.592 0.010

L35.Water 2379.197665 908.222067 2.620 0.009

L35.Temp 217.028347 476.080069 0.456 0.648

L35.Precip. horaria -1.316602 0.980645 -1.343 0.179

L35.Temp. prom aire -0.138908 0.076588 -1.814 0.070

L36.Conduct 1653.512699 644.176456 2.567 0.010

L36.Water -1934.914183 839.203464 -2.306 0.021

L36.Temp -304.777164 470.884300 -0.647 0.517

L36.Precip. horaria 0.593767 1.000687 0.593 0.553

L36.Temp. prom aire 0.247717 0.076678 3.231 0.001

L37.Conduct -1392.425931 609.120307 -2.286 0.022

L37.Water 1284.348732 780.267063 1.646 0.100

L37.Temp 373.965173 455.166870 0.822 0.411

L37.Precip. horaria 0.606584 0.962259 0.630 0.528

L37.Temp. prom aire -0.186705 0.079113 -2.360 0.018

L38.Conduct 998.055742 573.382120 1.741 0.082

L38.Water -530.049929 733.647685 -0.722 0.470

L38.Temp -257.685282 416.034622 -0.619 0.536

L38.Precip. horaria 0.779458 0.930028 0.838 0.402

L38.Temp. prom aire 0.013542 0.079378 0.171 0.865

L39.Conduct -424.522969 538.062829 -0.789 0.430

L39.Water -307.148010 703.000243 -0.437 0.662

L39.Temp 76.365858 350.179498 0.218 0.827

L39.Precip. horaria -1.261228 0.926710 -1.361 0.174

L39.Temp. prom aire -0.111942 0.079761 -1.403 0.160

L40.Conduct -300.309626 517.945448 -0.580 0.562

L40.Water 1154.277465 692.488270 1.667 0.096

L40.Temp -2.542694 285.280611 -0.009 0.993

L40.Precip. horaria 2.202319 0.922886 2.386 0.017

L40.Temp. prom aire 0.064532 0.079407 0.813 0.416

L41.Conduct 994.018791 506.084766 1.964 0.050

L41.Water -1806.992994 678.854491 -2.662 0.008

L41.Temp 21.857213 262.472810 0.083 0.934

L41.Precip. horaria -1.356993 0.927581 -1.463 0.143

L41.Temp. prom aire 0.071983 0.079874 0.901 0.367

L42.Conduct -1446.568818 484.456514 -2.986 0.003

L42.Water 2080.411628 644.075925 3.230 0.001

L42.Temp -7.072196 267.607327 -0.026 0.979

L42.Precip. horaria 0.506789 0.947208 0.535 0.593

L42.Temp. prom aire 0.003846 0.079685 0.048 0.962

L43.Conduct 1562.361878 459.845171 3.398 0.001

L43.Water -1955.429458 604.842659 -3.233 0.001

L43.Temp -136.641940 272.211515 -0.502 0.616

L43.Precip. horaria -1.530010 0.955405 -1.601 0.109

L43.Temp. prom aire -0.072137 0.078871 -0.915 0.360

L44.Conduct -1367.272329 423.824754 -3.226 0.001

L44.Water 1553.378823 551.609811 2.816 0.005

L44.Temp 313.115029 263.982581 1.186 0.236

L44.Precip. horaria 0.478628 0.955358 0.501 0.616

L44.Temp. prom aire 0.033982 0.078546 0.433 0.665

L45.Conduct 988.021918 356.703264 2.770 0.006

L45.Water -1027.128371 455.553460 -2.255 0.024

L45.Temp -341.800902 230.462481 -1.483 0.138

L45.Precip. horaria -0.608934 0.942575 -0.646 0.518

L45.Temp. prom aire 0.012515 0.077008 0.163 0.871

L46.Conduct -568.120794 248.349246 -2.288 0.022

L46.Water 518.702760 307.035874 1.689 0.091

L46.Temp 227.509499 163.094374 1.395 0.163

L46.Precip. horaria 0.140481 0.964949 0.146 0.884

L46.Temp. prom aire -0.069647 0.076243 -0.913 0.361

L47.Conduct 224.248473 118.972264 1.885 0.059

L47.Water -168.462649 140.898160 -1.196 0.232

L47.Temp -95.016838 78.334130 -1.213 0.225

L47.Precip. horaria -0.146739 0.963838 -0.152 0.879

L47.Temp. prom aire -0.076756 0.076191 -1.007 0.314

L48.Conduct -43.110218 27.341100 -1.577 0.115

L48.Water 25.127255 30.862108 0.814 0.416

L48.Temp 19.263434 18.032953 1.068 0.285

L48.Precip. horaria 2.416169 0.911124 2.652 0.008

L48.Temp. prom aire -0.087678 0.070854 -1.237 0.216

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.888761 0.077987 -0.109779 0.012026

Water 0.888761 1.000000 -0.008221 -0.137464 0.008973

Temp 0.077987 -0.008221 1.000000 0.069480 -0.014879

Precip. horaria -0.109779 -0.137464 0.069480 1.000000 0.136150

Temp. prom aire 0.012026 0.008973 -0.014879 0.136150 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -19.6631

Nobs: 440.000 HQIC: -26.4399

Log likelihood: 4871.49 FPE: 7.80647e-14

AIC: -30.8553 Det(Omega\_mle): 8.78987e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.082932 0.031856 2.603 0.009

L1.Conduct 4.842799 0.113794 42.558 0.000

L1.Water -0.657332 0.397570 -1.653 0.098

L1.Temp -0.518993 0.098133 -5.289 0.000

L1.Precip. horaria -0.016356 0.006401 -2.555 0.011

L1.Temp. prom aire 0.000487 0.000586 0.831 0.406

L2.Conduct -10.745899 0.540642 -19.876 0.000

L2.Water 3.583323 1.831399 1.957 0.050

L2.Temp 2.312996 0.403776 5.728 0.000

L2.Precip. horaria 0.007175 0.006515 1.101 0.271

L2.Temp. prom aire -0.000175 0.000615 -0.284 0.776

L3.Conduct 15.238644 1.242475 12.265 0.000

L3.Water -10.090213 4.029981 -2.504 0.012

L3.Temp -4.583547 0.802532 -5.711 0.000

L3.Precip. horaria -0.001780 0.006573 -0.271 0.787

L3.Temp. prom aire -0.000571 0.000607 -0.940 0.347

L4.Conduct -16.238041 1.942535 -8.359 0.000

L4.Water 18.576065 5.955571 3.119 0.002

L4.Temp 5.429859 1.099207 4.940 0.000

L4.Precip. horaria 0.003324 0.006569 0.506 0.613

L4.Temp. prom aire 0.000104 0.000611 0.170 0.865

L5.Conduct 13.940873 2.436031 5.723 0.000

L5.Water -22.549518 7.025626 -3.210 0.001

L5.Temp -4.383798 1.245124 -3.521 0.000

L5.Precip. horaria 0.009446 0.006529 1.447 0.148

L5.Temp. prom aire 0.000343 0.000612 0.561 0.575

L6.Conduct -9.624860 2.689631 -3.579 0.000

L6.Water 16.714377 7.366409 2.269 0.023

L6.Temp 2.558948 1.322689 1.935 0.053

L6.Precip. horaria -0.002401 0.006451 -0.372 0.710

L6.Temp. prom aire -0.000439 0.000613 -0.717 0.473

L7.Conduct 3.649862 2.766121 1.319 0.187

L7.Water -4.997596 7.378431 -0.677 0.498

L7.Temp -0.855006 1.450804 -0.589 0.556

L7.Precip. horaria -0.005156 0.006556 -0.786 0.432

L7.Temp. prom aire 0.001207 0.000604 1.997 0.046

L8.Conduct 4.697352 2.729861 1.721 0.085

L8.Water -4.073348 7.303164 -0.558 0.577

L8.Temp -1.060597 1.719009 -0.617 0.537

L8.Precip. horaria 0.004925 0.006586 0.748 0.455

L8.Temp. prom aire -0.001724 0.000619 -2.785 0.005

L9.Conduct -13.247765 2.713651 -4.882 0.000

L9.Water 7.310365 7.466669 0.979 0.328

L9.Temp 3.771933 2.100922 1.795 0.073

L9.Precip. horaria 0.017702 0.006593 2.685 0.007

L9.Temp. prom aire 0.000797 0.000629 1.268 0.205

L10.Conduct 18.070960 2.933436 6.160 0.000

L10.Water -8.824843 8.231812 -1.072 0.284

L10.Temp -6.247165 2.487442 -2.511 0.012

L10.Precip. horaria 0.013443 0.006933 1.939 0.053

L10.Temp. prom aire -0.000813 0.000637 -1.278 0.201

L11.Conduct -17.978920 3.329602 -5.400 0.000

L11.Water 12.267478 8.966929 1.368 0.171

L11.Temp 6.639214 2.750733 2.414 0.016

L11.Precip. horaria -0.005314 0.007182 -0.740 0.459

L11.Temp. prom aire 0.000383 0.000642 0.597 0.551

L12.Conduct 14.645287 3.680317 3.979 0.000

L12.Water -13.382267 9.246655 -1.447 0.148

L12.Temp -4.623645 2.859357 -1.617 0.106

L12.Precip. horaria 0.002281 0.006649 0.343 0.731

L12.Temp. prom aire 0.000187 0.000641 0.292 0.770

L13.Conduct -11.733224 3.891094 -3.015 0.003

L13.Water 8.150903 9.185205 0.887 0.375

L13.Temp 1.733360 2.922193 0.593 0.553

L13.Precip. horaria 0.002839 0.006823 0.416 0.677

L13.Temp. prom aire 0.000611 0.000644 0.948 0.343

L14.Conduct 10.561480 4.023731 2.625 0.009

L14.Water -3.094930 9.018666 -0.343 0.731

L14.Temp 0.227042 3.072248 0.074 0.941

L14.Precip. horaria -0.003691 0.006966 -0.530 0.596

L14.Temp. prom aire -0.000422 0.000637 -0.663 0.507

L15.Conduct -7.433469 4.127875 -1.801 0.072

L15.Water 5.646972 8.834209 0.639 0.523

L15.Temp -1.449507 3.369221 -0.430 0.667

L15.Precip. horaria 0.000782 0.006477 0.121 0.904

L15.Temp. prom aire 0.001203 0.000638 1.886 0.059

L16.Conduct 0.701211 4.149374 0.169 0.866

L16.Water -11.751218 8.609493 -1.365 0.172

L16.Temp 3.758786 3.713153 1.012 0.311

L16.Precip. horaria 0.011564 0.006250 1.850 0.064

L16.Temp. prom aire -0.000908 0.000636 -1.428 0.153

L17.Conduct 6.426781 4.084400 1.573 0.116

L17.Water 10.363265 8.410483 1.232 0.218

L17.Temp -7.368827 4.022519 -1.832 0.067

L17.Precip. horaria -0.000855 0.006131 -0.139 0.889

L17.Temp. prom aire 0.001014 0.000633 1.602 0.109

L18.Conduct -10.824575 4.032351 -2.684 0.007

L18.Water 2.563560 8.193711 0.313 0.754

L18.Temp 10.141092 4.284220 2.367 0.018

L18.Precip. horaria 0.001377 0.006213 0.222 0.825

L18.Temp. prom aire 0.000203 0.000645 0.315 0.753

L19.Conduct 12.510001 4.066114 3.077 0.002

L19.Water -16.994775 8.126243 -2.091 0.036

L19.Temp -10.257244 4.435169 -2.313 0.021

L19.Precip. horaria -0.004693 0.006060 -0.774 0.439

L19.Temp. prom aire 0.000124 0.000641 0.194 0.846

L20.Conduct -14.526308 4.154924 -3.496 0.000

L20.Water 21.728757 8.160041 2.663 0.008

L20.Temp 8.364300 4.476337 1.869 0.062

L20.Precip. horaria -0.000064 0.006152 -0.010 0.992

L20.Temp. prom aire 0.000020 0.000628 0.032 0.974

L21.Conduct 17.407654 4.277090 4.070 0.000

L21.Water -19.821207 8.211218 -2.414 0.016

L21.Temp -6.270957 4.472203 -1.402 0.161

L21.Precip. horaria 0.013599 0.006202 2.193 0.028

L21.Temp. prom aire 0.000068 0.000630 0.108 0.914

L22.Conduct -17.143987 4.442682 -3.859 0.000

L22.Water 21.124954 8.367067 2.525 0.012

L22.Temp 3.836584 4.482207 0.856 0.392

L22.Precip. horaria 0.008962 0.006341 1.413 0.158

L22.Temp. prom aire 0.000063 0.000627 0.100 0.920

L23.Conduct 11.998909 4.557939 2.633 0.008

L23.Water -26.307223 8.445452 -3.115 0.002

L23.Temp 0.390595 4.516834 0.086 0.931

L23.Precip. horaria 0.003918 0.006104 0.642 0.521

L23.Temp. prom aire 0.000666 0.000629 1.058 0.290

L24.Conduct -4.318957 4.576468 -0.944 0.345

L24.Water 25.750651 8.585685 2.999 0.003

L24.Temp -6.067721 4.591516 -1.322 0.186

L24.Precip. horaria 0.007854 0.006074 1.293 0.196

L24.Temp. prom aire -0.000635 0.000627 -1.013 0.311

L25.Conduct -2.397151 4.557115 -0.526 0.599

L25.Water -13.631488 8.811123 -1.547 0.122

L25.Temp 10.893815 4.779194 2.279 0.023

L25.Precip. horaria 0.000139 0.005917 0.023 0.981

L25.Temp. prom aire 0.001436 0.000643 2.233 0.026

L26.Conduct 5.355336 4.538778 1.180 0.238

L26.Water -0.691195 8.949435 -0.077 0.938

L26.Temp -12.717015 4.976027 -2.556 0.011

L26.Precip. horaria -0.009395 0.005909 -1.590 0.112

L26.Temp. prom aire -0.000406 0.000653 -0.621 0.534

L27.Conduct -5.243817 4.512036 -1.162 0.245

L27.Water 3.782890 8.904593 0.425 0.671

L27.Temp 11.566542 4.994873 2.316 0.021

L27.Precip. horaria -0.003286 0.005752 -0.571 0.568

L27.Temp. prom aire -0.000398 0.000653 -0.609 0.542

L28.Conduct 4.421877 4.473948 0.988 0.323

L28.Water 1.833100 8.862329 0.207 0.836

L28.Temp -9.553115 4.840186 -1.974 0.048

L28.Precip. horaria -0.000825 0.005633 -0.146 0.884

L28.Temp. prom aire 0.000040 0.000633 0.063 0.950

L29.Conduct -3.337502 4.457505 -0.749 0.454

L29.Water -2.001935 8.991416 -0.223 0.824

L29.Temp 7.975554 4.638973 1.719 0.086

L29.Precip. horaria 0.001159 0.005700 0.203 0.839

L29.Temp. prom aire 0.000329 0.000642 0.513 0.608

L30.Conduct 1.786700 4.496285 0.397 0.691

L30.Water -7.358188 9.075926 -0.811 0.418

L30.Temp -6.056231 4.444669 -1.363 0.173

L30.Precip. horaria 0.005751 0.005709 1.007 0.314

L30.Temp. prom aire -0.000140 0.000637 -0.221 0.825

L31.Conduct -0.269666 4.526369 -0.060 0.952

L31.Water 15.585829 9.049217 1.722 0.085

L31.Temp 2.808420 4.248461 0.661 0.509

L31.Precip. horaria -0.005556 0.005769 -0.963 0.335

L31.Temp. prom aire -0.000879 0.000637 -1.380 0.168

L32.Conduct 0.412804 4.366548 0.095 0.925

L32.Water -14.075469 8.690017 -1.620 0.105

L32.Temp 1.294524 4.151236 0.312 0.755

L32.Precip. horaria 0.016173 0.005668 2.853 0.004

L32.Temp. prom aire 0.000049 0.000642 0.077 0.939

L33.Conduct -3.494236 3.957134 -0.883 0.377

L33.Water 8.790014 8.092033 1.086 0.277

L33.Temp -4.622965 4.208526 -1.098 0.272

L33.Precip. horaria -0.010297 0.005918 -1.740 0.082

L33.Temp. prom aire 0.000062 0.000634 0.098 0.922

L34.Conduct 7.284753 3.515007 2.072 0.038

L34.Water -10.121227 7.610513 -1.330 0.184

L34.Temp 6.458954 4.247421 1.521 0.128

L34.Precip. horaria -0.000075 0.005913 -0.013 0.990

L34.Temp. prom aire 0.000737 0.000629 1.172 0.241

L35.Conduct -8.335683 3.295916 -2.529 0.011

L35.Water 15.992010 7.436292 2.151 0.032

L35.Temp -7.811197 4.163395 -1.876 0.061

L35.Precip. horaria 0.001725 0.005902 0.292 0.770

L35.Temp. prom aire 0.000343 0.000635 0.540 0.589

L36.Conduct 6.126520 3.251148 1.884 0.060

L36.Water -15.764993 7.519873 -2.096 0.036

L36.Temp 9.296843 4.002391 2.323 0.020

L36.Precip. horaria 0.000943 0.005903 0.160 0.873

L36.Temp. prom aire -0.000179 0.000639 -0.280 0.779

L37.Conduct -2.619178 3.158394 -0.829 0.407

L37.Water 6.613537 7.546745 0.876 0.381

L37.Temp -9.758793 3.759886 -2.596 0.009

L37.Precip. horaria 0.004452 0.006063 0.734 0.463

L37.Temp. prom aire 0.000085 0.000650 0.131 0.896

L38.Conduct 0.217282 2.823097 0.077 0.939

L38.Water 3.392264 7.071368 0.480 0.631

L38.Temp 7.849319 3.341108 2.349 0.019

L38.Precip. horaria 0.002038 0.006315 0.323 0.747

L38.Temp. prom aire 0.000898 0.000651 1.381 0.167

L39.Conduct 0.270776 2.155415 0.126 0.900

L39.Water -6.296045 5.767938 -1.092 0.275

L39.Temp -3.991326 2.765401 -1.443 0.149

L39.Precip. horaria -0.014351 0.006558 -2.188 0.029

L39.Temp. prom aire -0.001267 0.000648 -1.957 0.050

L40.Conduct -0.047798 1.307775 -0.037 0.971

L40.Water 3.680592 4.256307 0.865 0.387

L40.Temp 0.098461 2.326390 0.042 0.966

L40.Precip. horaria 0.016094 0.006507 2.474 0.013

L40.Temp. prom aire 0.000968 0.000656 1.476 0.140

L41.Conduct 0.075083 0.638726 0.118 0.906

L41.Water -2.900365 3.603918 -0.805 0.421

L41.Temp 2.282288 2.226249 1.025 0.305

L41.Precip. horaria -0.015773 0.006887 -2.290 0.022

L41.Temp. prom aire -0.000430 0.000655 -0.657 0.511

L42.Conduct -0.132068 0.415507 -0.318 0.751

L42.Water 5.576951 3.555517 1.569 0.117

L42.Temp -3.233356 2.249909 -1.437 0.151

L42.Precip. horaria 0.007014 0.007439 0.943 0.346

L42.Temp. prom aire -0.000390 0.000648 -0.602 0.547

L43.Conduct -0.153813 0.397047 -0.387 0.698

L43.Water -6.383724 3.569441 -1.788 0.074

L43.Temp 3.746942 2.226116 1.683 0.092

L43.Precip. horaria -0.002608 0.007628 -0.342 0.732

L43.Temp. prom aire 0.000962 0.000651 1.478 0.139

L44.Conduct 0.607547 0.380592 1.596 0.110

L44.Water 2.479810 3.478756 0.713 0.476

L44.Temp -4.065643 2.092572 -1.943 0.052

L44.Precip. horaria -0.007646 0.007607 -1.005 0.315

L44.Temp. prom aire -0.000334 0.000652 -0.512 0.609

L45.Conduct -0.651324 0.329999 -1.974 0.048

L45.Water 2.537128 3.039427 0.835 0.404

L45.Temp 3.620409 1.765256 2.051 0.040

L45.Precip. horaria 0.004802 0.007542 0.637 0.524

L45.Temp. prom aire 0.000377 0.000657 0.573 0.567

L46.Conduct 0.241009 0.263293 0.915 0.360

L46.Water -4.075425 2.094403 -1.946 0.052

L46.Temp -2.330554 1.202100 -1.939 0.053

L46.Precip. horaria 0.004795 0.007749 0.619 0.536

L46.Temp. prom aire -0.000145 0.000657 -0.220 0.826

L47.Conduct 0.044303 0.159939 0.277 0.782

L47.Water 2.290829 0.956847 2.394 0.017

L47.Temp 0.950598 0.555272 1.712 0.087

L47.Precip. horaria 0.012913 0.007621 1.694 0.090

L47.Temp. prom aire 0.000061 0.000647 0.094 0.925

L48.Conduct -0.039435 0.044736 -0.882 0.378

L48.Water -0.491118 0.207784 -2.364 0.018

L48.Temp -0.184802 0.123446 -1.497 0.134

L48.Precip. horaria 0.005655 0.007291 0.776 0.438

L48.Temp. prom aire 0.000722 0.000594 1.214 0.225

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.030496 0.010182 2.995 0.003

L1.Conduct 0.066230 0.036371 1.821 0.069

L1.Water 4.393888 0.127072 34.578 0.000

L1.Temp -0.204604 0.031365 -6.523 0.000

L1.Precip. horaria -0.005359 0.002046 -2.619 0.009

L1.Temp. prom aire 0.000209 0.000187 1.117 0.264

L2.Conduct -0.329673 0.172801 -1.908 0.056

L2.Water -8.331658 0.585356 -14.233 0.000

L2.Temp 0.938308 0.129056 7.271 0.000

L2.Precip. horaria 0.004944 0.002082 2.374 0.018

L2.Temp. prom aire -0.000039 0.000197 -0.198 0.843

L3.Conduct 0.784308 0.397123 1.975 0.048

L3.Water 8.841397 1.288072 6.864 0.000

L3.Temp -1.945571 0.256507 -7.585 0.000

L3.Precip. horaria -0.001641 0.002101 -0.781 0.435

L3.Temp. prom aire -0.000132 0.000194 -0.682 0.495

L4.Conduct -1.167048 0.620878 -1.880 0.060

L4.Water -5.444211 1.903534 -2.860 0.004

L4.Temp 2.472655 0.351331 7.038 0.000

L4.Precip. horaria -0.000769 0.002100 -0.366 0.714

L4.Temp. prom aire 0.000059 0.000195 0.304 0.761

L5.Conduct 1.147561 0.778610 1.474 0.141

L5.Water 1.795958 2.245548 0.800 0.424

L5.Temp -2.239324 0.397970 -5.627 0.000

L5.Precip. horaria 0.003890 0.002087 1.864 0.062

L5.Temp. prom aire -0.000135 0.000196 -0.689 0.491

L6.Conduct -0.722347 0.859667 -0.840 0.401

L6.Water -0.743594 2.354470 -0.316 0.752

L6.Temp 1.661412 0.422761 3.930 0.000

L6.Precip. horaria -0.000340 0.002062 -0.165 0.869

L6.Temp. prom aire -0.000129 0.000196 -0.660 0.510

L7.Conduct 0.158674 0.884114 0.179 0.858

L7.Water 0.371442 2.358312 0.158 0.875

L7.Temp -1.115070 0.463710 -2.405 0.016

L7.Precip. horaria 0.001741 0.002095 0.831 0.406

L7.Temp. prom aire 0.000308 0.000193 1.596 0.110

L8.Conduct 0.458796 0.872525 0.526 0.599

L8.Water 2.513839 2.334255 1.077 0.282

L8.Temp 0.324300 0.549434 0.590 0.555

L8.Precip. horaria -0.002580 0.002105 -1.226 0.220

L8.Temp. prom aire -0.000475 0.000198 -2.401 0.016

L9.Conduct -1.077550 0.867344 -1.242 0.214

L9.Water -6.331319 2.386515 -2.653 0.008

L9.Temp 1.122309 0.671502 1.671 0.095

L9.Precip. horaria 0.005807 0.002107 2.756 0.006

L9.Temp. prom aire 0.000340 0.000201 1.690 0.091

L10.Conduct 1.372839 0.937592 1.464 0.143

L10.Water 7.413783 2.631072 2.818 0.005

L10.Temp -2.812168 0.795042 -3.537 0.000

L10.Precip. horaria -0.000027 0.002216 -0.012 0.990

L10.Temp. prom aire -0.000259 0.000203 -1.275 0.202

L11.Conduct -1.045713 1.064216 -0.983 0.326

L11.Water -5.922393 2.866032 -2.066 0.039

L11.Temp 3.875120 0.879196 4.408 0.000

L11.Precip. horaria -0.000834 0.002295 -0.363 0.716

L11.Temp. prom aire 0.000103 0.000205 0.502 0.615

L12.Conduct 0.264214 1.176312 0.225 0.822

L12.Water 4.978858 2.955439 1.685 0.092

L12.Temp -3.943521 0.913915 -4.315 0.000

L12.Precip. horaria -0.003046 0.002125 -1.433 0.152

L12.Temp. prom aire 0.000213 0.000205 1.042 0.298

L13.Conduct 0.284003 1.243681 0.228 0.819

L13.Water -5.962074 2.935798 -2.031 0.042

L13.Temp 3.352399 0.933999 3.589 0.000

L13.Precip. horaria 0.005289 0.002181 2.425 0.015

L13.Temp. prom aire -0.000132 0.000206 -0.640 0.522

L14.Conduct -0.232403 1.286075 -0.181 0.857

L14.Water 6.090198 2.882568 2.113 0.035

L14.Temp -2.686740 0.981960 -2.736 0.006

L14.Precip. horaria -0.000129 0.002226 -0.058 0.954

L14.Temp. prom aire -0.000152 0.000204 -0.749 0.454

L15.Conduct 0.140950 1.319362 0.107 0.915

L15.Water -2.531439 2.823612 -0.897 0.370

L15.Temp 1.925800 1.076879 1.788 0.074

L15.Precip. horaria 0.000341 0.002070 0.165 0.869

L15.Temp. prom aire 0.000337 0.000204 1.654 0.098

L16.Conduct -0.545441 1.326233 -0.411 0.681

L16.Water -2.211445 2.751787 -0.804 0.422

L16.Temp -0.486731 1.186807 -0.410 0.682

L16.Precip. horaria -0.000148 0.001998 -0.074 0.941

L16.Temp. prom aire -0.000386 0.000203 -1.898 0.058

L17.Conduct 1.240321 1.305466 0.950 0.342

L17.Water 3.289427 2.688179 1.224 0.221

L17.Temp -1.660414 1.285687 -1.291 0.197

L17.Precip. horaria 0.003728 0.001960 1.902 0.057

L17.Temp. prom aire 0.000407 0.000202 2.009 0.045

L18.Conduct -1.770856 1.288830 -1.374 0.169

L18.Water -0.003596 2.618894 -0.001 0.999

L18.Temp 3.705440 1.369333 2.706 0.007

L18.Precip. horaria 0.003090 0.001986 1.556 0.120

L18.Temp. prom aire -0.000175 0.000206 -0.848 0.396

L19.Conduct 2.015507 1.299621 1.551 0.121

L19.Water -3.277835 2.597330 -1.262 0.207

L19.Temp -4.741531 1.417580 -3.345 0.001

L19.Precip. horaria 0.000755 0.001937 0.390 0.697

L19.Temp. prom aire 0.000130 0.000205 0.632 0.527

L20.Conduct -2.403762 1.328007 -1.810 0.070

L20.Water 2.984539 2.608132 1.144 0.252

L20.Temp 4.695113 1.430738 3.282 0.001

L20.Precip. horaria 0.000183 0.001966 0.093 0.926

L20.Temp. prom aire -0.000025 0.000201 -0.123 0.902

L21.Conduct 3.351667 1.367054 2.452 0.014

L21.Water -1.882637 2.624490 -0.717 0.473

L21.Temp -4.305772 1.429417 -3.012 0.003

L21.Precip. horaria 0.005512 0.001982 2.781 0.005

L21.Temp. prom aire -0.000268 0.000201 -1.329 0.184

L22.Conduct -4.577545 1.419981 -3.224 0.001

L22.Water 4.491848 2.674303 1.680 0.093

L22.Temp 3.795450 1.432614 2.649 0.008

L22.Precip. horaria 0.004839 0.002027 2.388 0.017

L22.Temp. prom aire 0.000398 0.000201 1.986 0.047

L23.Conduct 5.235894 1.456820 3.594 0.000

L23.Water -9.227571 2.699356 -3.418 0.001

L23.Temp -2.612680 1.443682 -1.810 0.070

L23.Precip. horaria -0.000344 0.001951 -0.176 0.860

L23.Temp. prom aire 0.000081 0.000201 0.402 0.687

L24.Conduct -4.569758 1.462742 -3.124 0.002

L24.Water 10.583136 2.744178 3.857 0.000

L24.Temp 0.611750 1.467552 0.417 0.677

L24.Precip. horaria 0.004097 0.001941 2.110 0.035

L24.Temp. prom aire -0.000223 0.000200 -1.114 0.265

L25.Conduct 2.793037 1.456556 1.918 0.055

L25.Water -6.899658 2.816233 -2.450 0.014

L25.Temp 1.521683 1.527538 0.996 0.319

L25.Precip. horaria 0.000374 0.001891 0.198 0.843

L25.Temp. prom aire 0.000387 0.000206 1.881 0.060

L26.Conduct -1.047985 1.450695 -0.722 0.470

L26.Water 2.458690 2.860440 0.860 0.390

L26.Temp -2.869040 1.590450 -1.804 0.071

L26.Precip. horaria -0.000497 0.001889 -0.263 0.792

L26.Temp. prom aire -0.000314 0.000209 -1.507 0.132

L27.Conduct -0.011630 1.442148 -0.008 0.994

L27.Water -1.434093 2.846108 -0.504 0.614

L27.Temp 3.224204 1.596474 2.020 0.043

L27.Precip. horaria -0.001935 0.001838 -1.052 0.293

L27.Temp. prom aire 0.000156 0.000209 0.745 0.456

L28.Conduct 0.814211 1.429974 0.569 0.569

L28.Water 1.887951 2.832600 0.667 0.505

L28.Temp -3.297047 1.547032 -2.131 0.033

L28.Precip. horaria -0.002300 0.001800 -1.277 0.202

L28.Temp. prom aire 0.000117 0.000202 0.577 0.564

L29.Conduct -1.817544 1.424719 -1.276 0.202

L29.Water 0.427242 2.873859 0.149 0.882

L29.Temp 3.594516 1.482720 2.424 0.015

L29.Precip. horaria 0.002561 0.001822 1.405 0.160

L29.Temp. prom aire -0.000030 0.000205 -0.146 0.884

L30.Conduct 2.696023 1.437114 1.876 0.061

L30.Water -4.839734 2.900870 -1.668 0.095

L30.Temp -3.772735 1.420616 -2.656 0.008

L30.Precip. horaria 0.001554 0.001825 0.852 0.394

L30.Temp. prom aire 0.000058 0.000204 0.284 0.777

L31.Conduct -2.930475 1.446729 -2.026 0.043

L31.Water 7.024195 2.892333 2.429 0.015

L31.Temp 3.228302 1.357904 2.377 0.017

L31.Precip. horaria -0.001048 0.001844 -0.568 0.570

L31.Temp. prom aire -0.000229 0.000204 -1.127 0.260

L32.Conduct 2.809544 1.395647 2.013 0.044

L32.Water -5.230256 2.777525 -1.883 0.060

L32.Temp -1.890779 1.326828 -1.425 0.154

L32.Precip. horaria 0.007161 0.001812 3.953 0.000

L32.Temp. prom aire -0.000044 0.000205 -0.214 0.831

L33.Conduct -3.056067 1.264789 -2.416 0.016

L33.Water 2.453007 2.586396 0.948 0.343

L33.Temp 0.386495 1.345139 0.287 0.774

L33.Precip. horaria -0.002550 0.001892 -1.348 0.178

L33.Temp. prom aire 0.000186 0.000203 0.918 0.358

L34.Conduct 3.575611 1.123475 3.183 0.001

L34.Water -2.182215 2.432491 -0.897 0.370

L34.Temp 0.794614 1.357571 0.585 0.558

L34.Precip. horaria -0.001112 0.001890 -0.588 0.556

L34.Temp. prom aire 0.000049 0.000201 0.243 0.808

L35.Conduct -3.530099 1.053449 -3.351 0.001

L35.Water 3.394263 2.376806 1.428 0.153

L35.Temp -1.858120 1.330715 -1.396 0.163

L35.Precip. horaria 0.001982 0.001887 1.051 0.293

L35.Temp. prom aire 0.000280 0.000203 1.379 0.168

L36.Conduct 2.504909 1.039140 2.411 0.016

L36.Water -2.819218 2.403520 -1.173 0.241

L36.Temp 2.995177 1.279254 2.341 0.019

L36.Precip. horaria -0.001074 0.001887 -0.569 0.569

L36.Temp. prom aire -0.000130 0.000204 -0.635 0.526

L37.Conduct -1.033153 1.009494 -1.023 0.306

L37.Water 0.423023 2.412109 0.175 0.861

L37.Temp -3.750097 1.201744 -3.121 0.002

L37.Precip. horaria 0.005028 0.001938 2.595 0.009

L37.Temp. prom aire 0.000163 0.000208 0.784 0.433

L38.Conduct 0.040482 0.902325 0.045 0.964

L38.Water 1.006961 2.260168 0.446 0.656

L38.Temp 3.457924 1.067893 3.238 0.001

L38.Precip. horaria -0.004594 0.002018 -2.276 0.023

L38.Temp. prom aire 0.000218 0.000208 1.048 0.295

L39.Conduct 0.123980 0.688919 0.180 0.857

L39.Water -0.116411 1.843563 -0.063 0.950

L39.Temp -2.116325 0.883884 -2.394 0.017

L39.Precip. horaria -0.001836 0.002096 -0.876 0.381

L39.Temp. prom aire -0.000439 0.000207 -2.120 0.034

L40.Conduct 0.084750 0.417994 0.203 0.839

L40.Water -1.447338 1.360411 -1.064 0.287

L40.Temp 0.490065 0.743567 0.659 0.510

L40.Precip. horaria 0.005048 0.002080 2.427 0.015

L40.Temp. prom aire 0.000205 0.000210 0.976 0.329

L41.Conduct -0.143523 0.204151 -0.703 0.482

L41.Water 1.508360 1.151893 1.309 0.190

L41.Temp 0.693279 0.711559 0.974 0.330

L41.Precip. horaria -0.006086 0.002201 -2.765 0.006

L41.Temp. prom aire -0.000064 0.000209 -0.308 0.758

L42.Conduct 0.010293 0.132805 0.078 0.938

L42.Water -0.304560 1.136423 -0.268 0.789

L42.Temp -1.316074 0.719121 -1.830 0.067

L42.Precip. horaria 0.003463 0.002378 1.456 0.145

L42.Temp. prom aire -0.000116 0.000207 -0.560 0.576

L43.Conduct 0.074620 0.126905 0.588 0.557

L43.Water -0.319996 1.140874 -0.280 0.779

L43.Temp 1.623981 0.711517 2.282 0.022

L43.Precip. horaria 0.001397 0.002438 0.573 0.567

L43.Temp. prom aire 0.000267 0.000208 1.286 0.198

L44.Conduct -0.037118 0.121646 -0.305 0.760

L44.Water -0.179483 1.111888 -0.161 0.872

L44.Temp -1.695706 0.668833 -2.535 0.011

L44.Precip. horaria -0.003667 0.002431 -1.508 0.132

L44.Temp. prom aire -0.000101 0.000208 -0.484 0.629

L45.Conduct 0.026891 0.105475 0.255 0.799

L45.Water 0.787144 0.971469 0.810 0.418

L45.Temp 1.409967 0.564216 2.499 0.012

L45.Precip. horaria 0.004491 0.002411 1.863 0.062

L45.Temp. prom aire 0.000159 0.000210 0.755 0.450

L46.Conduct -0.074577 0.084154 -0.886 0.376

L46.Water -0.770195 0.669418 -1.151 0.250

L46.Temp -0.844777 0.384218 -2.199 0.028

L46.Precip. horaria -0.000589 0.002477 -0.238 0.812

L46.Temp. prom aire 0.000006 0.000210 0.028 0.977

L47.Conduct 0.070095 0.051120 1.371 0.170

L47.Water 0.363889 0.305830 1.190 0.234

L47.Temp 0.322151 0.177477 1.815 0.069

L47.Precip. horaria 0.005341 0.002436 2.192 0.028

L47.Temp. prom aire 0.000112 0.000207 0.541 0.588

L48.Conduct -0.021663 0.014298 -1.515 0.130

L48.Water -0.070465 0.066412 -1.061 0.289

L48.Temp -0.059020 0.039456 -1.496 0.135

L48.Precip. horaria 0.000183 0.002330 0.078 0.938

L48.Temp. prom aire 0.000231 0.000190 1.217 0.224

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.032436 0.025264 -1.284 0.199

L1.Conduct -0.007351 0.090246 -0.081 0.935

L1.Water -0.242440 0.315301 -0.769 0.442

L1.Temp 3.768538 0.077826 48.423 0.000

L1.Precip. horaria -0.012552 0.005076 -2.473 0.013

L1.Temp. prom aire 0.000623 0.000465 1.340 0.180

L2.Conduct 0.057256 0.428766 0.134 0.894

L2.Water 0.987152 1.452426 0.680 0.497

L2.Temp -5.881167 0.320222 -18.366 0.000

L2.Precip. horaria 0.002045 0.005167 0.396 0.692

L2.Temp. prom aire 0.000326 0.000488 0.667 0.505

L3.Conduct -0.111934 0.985369 -0.114 0.910

L3.Water -1.982092 3.196052 -0.620 0.535

L3.Temp 4.726384 0.636463 7.426 0.000

L3.Precip. horaria -0.004458 0.005213 -0.855 0.392

L3.Temp. prom aire -0.000749 0.000482 -1.554 0.120

L4.Conduct 0.163725 1.540564 0.106 0.915

L4.Water 2.299386 4.723178 0.487 0.626

L4.Temp -1.339945 0.871747 -1.537 0.124

L4.Precip. horaria 0.001754 0.005210 0.337 0.736

L4.Temp. prom aire -0.000193 0.000485 -0.398 0.691

L5.Conduct -0.417957 1.931940 -0.216 0.829

L5.Water -0.806402 5.571805 -0.145 0.885

L5.Temp -1.638737 0.987469 -1.660 0.097

L5.Precip. horaria -0.003188 0.005178 -0.616 0.538

L5.Temp. prom aire -0.000144 0.000485 -0.297 0.766

L6.Conduct 0.899805 2.133062 0.422 0.673

L6.Water -2.053697 5.842069 -0.352 0.725

L6.Temp 2.905373 1.048983 2.770 0.006

L6.Precip. horaria -0.005005 0.005116 -0.978 0.328

L6.Temp. prom aire 0.000065 0.000486 0.134 0.893

L7.Conduct -1.242467 2.193724 -0.566 0.571

L7.Water 4.338663 5.851603 0.741 0.458

L7.Temp -3.989348 1.150588 -3.467 0.001

L7.Precip. horaria -0.003339 0.005199 -0.642 0.521

L7.Temp. prom aire 0.000542 0.000479 1.131 0.258

L8.Conduct 1.128411 2.164967 0.521 0.602

L8.Water -5.234837 5.791912 -0.904 0.366

L8.Temp 6.408149 1.363293 4.700 0.000

L8.Precip. horaria -0.002437 0.005223 -0.467 0.641

L8.Temp. prom aire -0.000879 0.000491 -1.790 0.074

L9.Conduct -0.379011 2.152112 -0.176 0.860

L9.Water 4.613610 5.921582 0.779 0.436

L9.Temp -7.623220 1.666176 -4.575 0.000

L9.Precip. horaria -0.002448 0.005229 -0.468 0.640

L9.Temp. prom aire 0.000824 0.000499 1.653 0.098

L10.Conduct -0.945475 2.326416 -0.406 0.684

L10.Water -1.839886 6.528393 -0.282 0.778

L10.Temp 4.899837 1.972713 2.484 0.013

L10.Precip. horaria 0.002430 0.005499 0.442 0.658

L10.Temp. prom aire -0.000540 0.000505 -1.070 0.285

L11.Conduct 2.346517 2.640604 0.889 0.374

L11.Water -2.590353 7.111391 -0.364 0.716

L11.Temp 0.500241 2.181520 0.229 0.819

L11.Precip. horaria -0.006500 0.005695 -1.141 0.254

L11.Temp. prom aire -0.000890 0.000509 -1.748 0.080

L12.Conduct -3.323112 2.918744 -1.139 0.255

L12.Water 6.779071 7.333234 0.924 0.355

L12.Temp -4.797955 2.267667 -2.116 0.034

L12.Precip. horaria -0.003010 0.005273 -0.571 0.568

L12.Temp. prom aire 0.000494 0.000508 0.972 0.331

L13.Conduct 3.423638 3.085905 1.109 0.267

L13.Water -8.216924 7.284499 -1.128 0.259

L13.Temp 5.065354 2.317500 2.186 0.029

L13.Precip. horaria -0.006944 0.005411 -1.283 0.199

L13.Temp. prom aire -0.000326 0.000511 -0.639 0.523

L14.Conduct -2.297343 3.191096 -0.720 0.472

L14.Water 5.366643 7.152423 0.750 0.453

L14.Temp -3.493461 2.436504 -1.434 0.152

L14.Precip. horaria 0.001990 0.005524 0.360 0.719

L14.Temp. prom aire -0.000557 0.000505 -1.104 0.270

L15.Conduct 0.360179 3.273689 0.110 0.912

L15.Water -0.148884 7.006136 -0.021 0.983

L15.Temp 4.472547 2.672024 1.674 0.094

L15.Precip. horaria -0.002112 0.005137 -0.411 0.681

L15.Temp. prom aire 0.000502 0.000506 0.992 0.321

L16.Conduct 1.637217 3.290739 0.498 0.619

L16.Water -3.703038 6.827920 -0.542 0.588

L16.Temp -6.969169 2.944786 -2.367 0.018

L16.Precip. horaria 0.001744 0.004957 0.352 0.725

L16.Temp. prom aire -0.000769 0.000504 -1.524 0.128

L17.Conduct -3.160441 3.239210 -0.976 0.329

L17.Water 4.039020 6.670092 0.606 0.545

L17.Temp 6.691615 3.190134 2.098 0.036

L17.Precip. horaria -0.006113 0.004862 -1.257 0.209

L17.Temp. prom aire -0.000445 0.000502 -0.886 0.375

L18.Conduct 3.748196 3.197931 1.172 0.241

L18.Water -1.516865 6.498177 -0.233 0.815

L18.Temp -2.478586 3.397681 -0.729 0.466

L18.Precip. horaria 0.000293 0.004928 0.059 0.953

L18.Temp. prom aire 0.000049 0.000511 0.095 0.924

L19.Conduct -3.401081 3.224708 -1.055 0.292

L19.Water -1.219277 6.444670 -0.189 0.850

L19.Temp -2.080760 3.517394 -0.592 0.554

L19.Precip. horaria -0.005457 0.004806 -1.135 0.256

L19.Temp. prom aire 0.000120 0.000509 0.236 0.813

L20.Conduct 2.356557 3.295141 0.715 0.475

L20.Water 3.137105 6.471474 0.485 0.628

L20.Temp 2.760959 3.550044 0.778 0.437

L20.Precip. horaria -0.001555 0.004879 -0.319 0.750

L20.Temp. prom aire 0.000567 0.000498 1.138 0.255

L21.Conduct -0.791366 3.392027 -0.233 0.816

L21.Water -5.534721 6.512061 -0.850 0.395

L21.Temp -1.234683 3.546765 -0.348 0.728

L21.Precip. horaria -0.003427 0.004919 -0.697 0.486

L21.Temp. prom aire -0.000395 0.000500 -0.791 0.429

L22.Conduct -0.607807 3.523353 -0.173 0.863

L22.Water 8.286039 6.635660 1.249 0.212

L22.Temp 2.084233 3.554698 0.586 0.558

L22.Precip. horaria 0.004731 0.005029 0.941 0.347

L22.Temp. prom aire 0.000037 0.000498 0.074 0.941

L23.Conduct 1.100019 3.614759 0.304 0.761

L23.Water -8.658394 6.697824 -1.293 0.196

L23.Temp -5.283432 3.582160 -1.475 0.140

L23.Precip. horaria 0.000103 0.004841 0.021 0.983

L23.Temp. prom aire -0.000690 0.000499 -1.382 0.167

L24.Conduct -0.654076 3.629454 -0.180 0.857

L24.Water 4.792280 6.809039 0.704 0.482

L24.Temp 7.144305 3.641388 1.962 0.050

L24.Precip. horaria -0.001298 0.004817 -0.269 0.788

L24.Temp. prom aire 0.000375 0.000497 0.755 0.450

L25.Conduct -0.082596 3.614106 -0.023 0.982

L25.Water 0.766400 6.987827 0.110 0.913

L25.Temp -4.968084 3.790230 -1.311 0.190

L25.Precip. horaria -0.000517 0.004692 -0.110 0.912

L25.Temp. prom aire 0.000530 0.000510 1.039 0.299

L26.Conduct 0.040446 3.599563 0.011 0.991

L26.Water -3.391542 7.097517 -0.478 0.633

L26.Temp 0.600221 3.946332 0.152 0.879

L26.Precip. horaria 0.000349 0.004686 0.074 0.941

L26.Temp. prom aire -0.000899 0.000518 -1.735 0.083

L27.Conduct 1.181197 3.578355 0.330 0.741

L27.Water 1.856629 7.061955 0.263 0.793

L27.Temp 1.387966 3.961278 0.350 0.726

L27.Precip. horaria -0.000852 0.004561 -0.187 0.852

L27.Temp. prom aire 0.000587 0.000518 1.135 0.257

L28.Conduct -3.012577 3.548149 -0.849 0.396

L28.Water 1.411557 7.028437 0.201 0.841

L28.Temp -0.639000 3.838601 -0.166 0.868

L28.Precip. horaria -0.000454 0.004467 -0.102 0.919

L28.Temp. prom aire 0.000005 0.000502 0.009 0.993

L29.Conduct 4.873023 3.535108 1.378 0.168

L29.Water -4.071994 7.130811 -0.571 0.568

L29.Temp 0.617883 3.679025 0.168 0.867

L29.Precip. horaria 0.002636 0.004521 0.583 0.560

L29.Temp. prom aire 0.000095 0.000509 0.186 0.852

L30.Conduct -5.926245 3.565863 -1.662 0.097

L30.Water 5.649604 7.197834 0.785 0.433

L30.Temp -2.934867 3.524928 -0.833 0.405

L30.Precip. horaria -0.000738 0.004527 -0.163 0.870

L30.Temp. prom aire 0.000207 0.000505 0.410 0.681

L31.Conduct 5.119617 3.589722 1.426 0.154

L31.Water -6.180618 7.176652 -0.861 0.389

L31.Temp 5.723721 3.369322 1.699 0.089

L31.Precip. horaria -0.002344 0.004575 -0.512 0.608

L31.Temp. prom aire 0.000202 0.000505 0.400 0.689

L32.Conduct -2.332651 3.462973 -0.674 0.501

L32.Water 4.631323 6.891782 0.672 0.502

L32.Temp -5.715695 3.292215 -1.736 0.083

L32.Precip. horaria 0.001442 0.004495 0.321 0.748

L32.Temp. prom aire -0.000188 0.000509 -0.369 0.712

L33.Conduct -1.420981 3.138279 -0.453 0.651

L33.Water -0.338241 6.417539 -0.053 0.958

L33.Temp 2.907746 3.337650 0.871 0.384

L33.Precip. horaria 0.002888 0.004693 0.615 0.538

L33.Temp. prom aire 0.000068 0.000503 0.136 0.892

L34.Conduct 4.605390 2.787643 1.652 0.099

L34.Water -5.326774 6.035660 -0.883 0.377

L34.Temp -0.762890 3.368497 -0.226 0.821

L34.Precip. horaria -0.005714 0.004689 -1.219 0.223

L34.Temp. prom aire 0.000024 0.000499 0.049 0.961

L35.Conduct -6.248271 2.613888 -2.390 0.017

L35.Water 9.868563 5.897491 1.673 0.094

L35.Temp 0.531305 3.301859 0.161 0.872

L35.Precip. horaria 0.007216 0.004681 1.541 0.123

L35.Temp. prom aire 0.000241 0.000504 0.478 0.633

L36.Conduct 6.399648 2.578384 2.482 0.013

L36.Water -11.074166 5.963777 -1.857 0.063

L36.Temp -0.405932 3.174172 -0.128 0.898

L36.Precip. horaria -0.013133 0.004681 -2.805 0.005

L36.Temp. prom aire -0.000078 0.000507 -0.154 0.878

L37.Conduct -5.348431 2.504824 -2.135 0.033

L37.Water 8.667852 5.985088 1.448 0.148

L37.Temp -1.076937 2.981848 -0.361 0.718

L37.Precip. horaria 0.017588 0.004808 3.658 0.000

L37.Temp. prom aire -0.000185 0.000515 -0.358 0.720

L38.Conduct 3.617578 2.238910 1.616 0.106

L38.Water -4.779846 5.608082 -0.852 0.394

L38.Temp 3.279610 2.649729 1.238 0.216

L38.Precip. horaria -0.014873 0.005008 -2.970 0.003

L38.Temp. prom aire 0.000485 0.000516 0.939 0.348

L39.Conduct -2.022234 1.709392 -1.183 0.237

L39.Water 1.396326 4.574372 0.305 0.760

L39.Temp -3.907799 2.193153 -1.782 0.075

L39.Precip. horaria -0.011544 0.005201 -2.220 0.026

L39.Temp. prom aire -0.000496 0.000514 -0.966 0.334

L40.Conduct 0.949050 1.037155 0.915 0.360

L40.Water 1.162610 3.375544 0.344 0.731

L40.Temp 2.238206 1.844988 1.213 0.225

L40.Precip. horaria 0.026197 0.005160 5.077 0.000

L40.Temp. prom aire -0.000226 0.000520 -0.434 0.664

L41.Conduct -0.472996 0.506553 -0.934 0.350

L41.Water -2.783818 2.858155 -0.974 0.330

L41.Temp -0.238420 1.765569 -0.135 0.893

L41.Precip. horaria -0.023430 0.005462 -4.290 0.000

L41.Temp. prom aire -0.000206 0.000519 -0.396 0.692

L42.Conduct 0.499012 0.329526 1.514 0.130

L42.Water 2.801579 2.819769 0.994 0.320

L42.Temp -0.500000 1.784333 -0.280 0.779

L42.Precip. horaria 0.008896 0.005900 1.508 0.132

L42.Temp. prom aire -0.000632 0.000514 -1.231 0.218

L43.Conduct -0.608608 0.314885 -1.933 0.053

L43.Water -1.171665 2.830812 -0.414 0.679

L43.Temp 0.208153 1.765463 0.118 0.906

L43.Precip. horaria -0.003779 0.006049 -0.625 0.532

L43.Temp. prom aire -0.000007 0.000516 -0.013 0.989

L44.Conduct 0.509540 0.301836 1.688 0.091

L44.Water -0.856820 2.758893 -0.311 0.756

L44.Temp 0.049855 1.659554 0.030 0.976

L44.Precip. horaria -0.006832 0.006033 -1.132 0.257

L44.Temp. prom aire 0.000455 0.000517 0.880 0.379

L45.Conduct -0.218083 0.261712 -0.833 0.405

L45.Water 1.858468 2.410474 0.771 0.441

L45.Temp 0.280943 1.399970 0.201 0.841

L45.Precip. horaria 0.007996 0.005981 1.337 0.181

L45.Temp. prom aire -0.000302 0.000521 -0.580 0.562

L46.Conduct -0.064300 0.208809 -0.308 0.758

L46.Water -1.561736 1.661006 -0.940 0.347

L46.Temp -0.576054 0.953348 -0.604 0.546

L46.Precip. horaria -0.012378 0.006146 -2.014 0.044

L46.Temp. prom aire 0.000002 0.000521 0.004 0.997

L47.Conduct 0.123750 0.126843 0.976 0.329

L47.Water 0.728373 0.758845 0.960 0.337

L47.Temp 0.365288 0.440369 0.830 0.407

L47.Precip. horaria 0.009762 0.006044 1.615 0.106

L47.Temp. prom aire 0.000614 0.000513 1.196 0.232

L48.Conduct -0.041074 0.035478 -1.158 0.247

L48.Water -0.154008 0.164787 -0.935 0.350

L48.Temp -0.080522 0.097901 -0.822 0.411

L48.Precip. horaria -0.006896 0.005782 -1.193 0.233

L48.Temp. prom aire -0.000007 0.000471 -0.015 0.988

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.828682 0.382274 -2.168 0.030

L1.Conduct 1.192224 1.365531 0.873 0.383

L1.Water -8.811697 4.770865 -1.847 0.065

L1.Temp 0.720226 1.177596 0.612 0.541

L1.Precip. horaria -0.164168 0.076812 -2.137 0.033

L1.Temp. prom aire -0.005661 0.007034 -0.805 0.421

L2.Conduct -1.294408 6.487731 -0.200 0.842

L2.Water 16.643665 21.976883 0.757 0.449

L2.Temp -4.206424 4.845332 -0.868 0.385

L2.Precip. horaria -0.249116 0.078180 -3.186 0.001

L2.Temp. prom aire 0.004229 0.007385 0.573 0.567

L3.Conduct 1.021486 14.909767 0.069 0.945

L3.Water -9.820461 48.359966 -0.203 0.839

L3.Temp 10.248269 9.630418 1.064 0.287

L3.Precip. horaria 0.174305 0.078874 2.210 0.027

L3.Temp. prom aire -0.006659 0.007287 -0.914 0.361

L4.Conduct -9.714088 23.310521 -0.417 0.677

L4.Water 29.053604 71.467150 0.407 0.684

L4.Temp -15.971206 13.190537 -1.211 0.226

L4.Precip. horaria -0.133283 0.078830 -1.691 0.091

L4.Temp. prom aire 0.006412 0.007336 0.874 0.382

L5.Conduct 26.294106 29.232493 0.899 0.368

L5.Water -87.925153 84.307863 -1.043 0.297

L5.Temp 20.308377 14.941549 1.359 0.174

L5.Precip. horaria 0.045018 0.078343 0.575 0.566

L5.Temp. prom aire -0.000408 0.007343 -0.055 0.956

L6.Conduct -40.284732 32.275705 -1.248 0.212

L6.Water 140.689784 88.397274 1.592 0.111

L6.Temp -23.434175 15.872334 -1.476 0.140

L6.Precip. horaria -0.140680 0.077418 -1.817 0.069

L6.Temp. prom aire -0.001116 0.007352 -0.152 0.879

L7.Conduct 46.102307 33.193587 1.389 0.165

L7.Water -163.552806 88.541534 -1.847 0.065

L7.Temp 24.567365 17.409725 1.411 0.158

L7.Precip. horaria 0.180034 0.078671 2.288 0.022

L7.Temp. prom aire 0.001417 0.007249 0.195 0.845

L8.Conduct -40.561531 32.758463 -1.238 0.216

L8.Water 146.170819 87.638334 1.668 0.095

L8.Temp -20.042500 20.628197 -0.972 0.331

L8.Precip. horaria 0.032743 0.079031 0.414 0.679

L8.Temp. prom aire -0.001204 0.007428 -0.162 0.871

L9.Conduct 25.751281 32.563942 0.791 0.429

L9.Water -99.307844 89.600393 -1.108 0.268

L9.Temp 7.336197 25.211170 0.291 0.771

L9.Precip. horaria 0.216661 0.079118 2.738 0.006

L9.Temp. prom aire 0.009319 0.007544 1.235 0.217

L10.Conduct -10.499493 35.201372 -0.298 0.765

L10.Water 56.796142 98.782146 0.575 0.565

L10.Temp 7.457411 29.849427 0.250 0.803

L10.Precip. horaria -0.154852 0.083201 -1.861 0.063

L10.Temp. prom aire -0.005546 0.007639 -0.726 0.468

L11.Conduct -1.791064 39.955391 -0.045 0.964

L11.Water -13.640148 107.603587 -0.127 0.899

L11.Temp -17.228563 33.008929 -0.522 0.602

L11.Precip. horaria -0.129253 0.086179 -1.500 0.134

L11.Temp. prom aire -0.004572 0.007703 -0.594 0.553

L12.Conduct 13.145525 44.163983 0.298 0.766

L12.Water -43.220862 110.960322 -0.390 0.697

L12.Temp 22.694263 34.312430 0.661 0.508

L12.Precip. horaria -0.144507 0.079783 -1.811 0.070

L12.Temp. prom aire 0.002613 0.007690 0.340 0.734

L13.Conduct -17.751879 46.693319 -0.380 0.704

L13.Water 90.498844 110.222908 0.821 0.412

L13.Temp -28.050826 35.066462 -0.800 0.424

L13.Precip. horaria -0.134651 0.081877 -1.645 0.100

L13.Temp. prom aire -0.002607 0.007732 -0.337 0.736

L14.Conduct 9.314412 48.284976 0.193 0.847

L14.Water -95.159316 108.224436 -0.879 0.379

L14.Temp 34.434851 36.867130 0.934 0.350

L14.Precip. horaria 0.083549 0.083590 1.000 0.318

L14.Temp. prom aire -0.000544 0.007640 -0.071 0.943

L15.Conduct 7.272505 49.534700 0.147 0.883

L15.Water 49.068654 106.010944 0.463 0.643

L15.Temp -36.255596 40.430818 -0.897 0.370

L15.Precip. horaria 0.027831 0.077723 0.358 0.720

L15.Temp. prom aire -0.009582 0.007658 -1.251 0.211

L16.Conduct -20.322506 49.792690 -0.408 0.683

L16.Water -3.066686 103.314338 -0.030 0.976

L16.Temp 28.759628 44.558022 0.645 0.519

L16.Precip. horaria 0.039827 0.074999 0.531 0.595

L16.Temp. prom aire 0.002819 0.007633 0.369 0.712

L17.Conduct 13.901266 49.013005 0.284 0.777

L17.Water 24.174115 100.926212 0.240 0.811

L17.Temp -17.281872 48.270424 -0.358 0.720

L17.Precip. horaria -0.101734 0.073575 -1.383 0.167

L17.Temp. prom aire 0.008382 0.007598 1.103 0.270

L18.Conduct 13.960816 48.388407 0.289 0.773

L18.Water -98.428503 98.324938 -1.001 0.317

L18.Temp 8.660738 51.410847 0.168 0.866

L18.Precip. horaria 0.053115 0.074561 0.712 0.476

L18.Temp. prom aire 0.008281 0.007735 1.071 0.284

L19.Conduct -45.255801 48.793564 -0.927 0.354

L19.Water 149.767171 97.515321 1.536 0.125

L19.Temp -2.046566 53.222245 -0.038 0.969

L19.Precip. horaria 0.029999 0.072716 0.413 0.680

L19.Temp. prom aire -0.002234 0.007694 -0.290 0.772

L20.Conduct 70.443860 49.859297 1.413 0.158

L20.Water -143.846677 97.920894 -1.469 0.142

L20.Temp -7.429733 53.716270 -0.138 0.890

L20.Precip. horaria 0.227460 0.073819 3.081 0.002

L20.Temp. prom aire 0.002593 0.007540 0.344 0.731

L21.Conduct -85.727771 51.325291 -1.670 0.095

L21.Water 113.966256 98.535026 1.157 0.247

L21.Temp 23.314654 53.666656 0.434 0.664

L21.Precip. horaria -0.027078 0.074425 -0.364 0.716

L21.Temp. prom aire 0.013230 0.007560 1.750 0.080

L22.Conduct 86.562037 53.312407 1.624 0.104

L22.Water -89.513007 100.405220 -0.892 0.373

L22.Temp -41.287374 53.786703 -0.768 0.443

L22.Precip. horaria 0.071563 0.076089 0.941 0.347

L22.Temp. prom aire -0.012634 0.007528 -1.678 0.093

L23.Conduct -76.519001 54.695492 -1.399 0.162

L23.Water 54.778539 101.345840 0.541 0.589

L23.Temp 49.070513 54.202231 0.905 0.365

L23.Precip. horaria -0.012648 0.073248 -0.173 0.863

L23.Temp. prom aire -0.008820 0.007552 -1.168 0.243

L24.Conduct 55.551701 54.917838 1.012 0.312

L24.Water 2.479493 103.028645 0.024 0.981

L24.Temp -40.386541 55.098419 -0.733 0.464

L24.Precip. horaria -0.073262 0.072891 -1.005 0.315

L24.Temp. prom aire 0.021459 0.007526 2.851 0.004

L25.Conduct -33.319162 54.685607 -0.609 0.542

L25.Water -51.888384 105.733916 -0.491 0.624

L25.Temp 24.622055 57.350568 0.429 0.668

L25.Precip. horaria -0.074210 0.071003 -1.045 0.296

L25.Temp. prom aire -0.021284 0.007719 -2.757 0.006

L26.Conduct 27.364765 54.465556 0.502 0.615

L26.Water 44.509451 107.393657 0.414 0.679

L26.Temp -14.842397 59.712572 -0.249 0.804

L26.Precip. horaria -0.007665 0.070908 -0.108 0.914

L26.Temp. prom aire 0.008729 0.007836 1.114 0.265

L27.Conduct -31.250152 54.144649 -0.577 0.564

L27.Water 19.292074 106.855559 0.181 0.857

L27.Temp 9.581287 59.938727 0.160 0.873

L27.Precip. horaria 0.024070 0.069020 0.349 0.727

L27.Temp. prom aire -0.005178 0.007832 -0.661 0.509

L28.Conduct 33.813174 53.687601 0.630 0.529

L28.Water -70.804321 106.348389 -0.666 0.506

L28.Temp 2.198507 58.082472 0.038 0.970

L28.Precip. horaria -0.015744 0.067597 -0.233 0.816

L28.Temp. prom aire 0.005334 0.007593 0.702 0.482

L29.Conduct -29.335908 53.490276 -0.548 0.583

L29.Water 66.630964 107.897433 0.618 0.537

L29.Temp -22.145917 55.667903 -0.398 0.691

L29.Precip. horaria 0.068052 0.068406 0.995 0.320

L29.Temp. prom aire 0.002114 0.007706 0.274 0.784

L30.Conduct 9.193457 53.955640 0.170 0.865

L30.Water -33.457399 108.911564 -0.307 0.759

L30.Temp 38.177005 53.336247 0.716 0.474

L30.Precip. horaria -0.169985 0.068504 -2.481 0.013

L30.Temp. prom aire -0.011443 0.007643 -1.497 0.134

L31.Conduct 17.927142 54.316656 0.330 0.741

L31.Water 13.518050 108.591052 0.124 0.901

L31.Temp -39.335482 50.981741 -0.772 0.440

L31.Precip. horaria -0.007815 0.069224 -0.113 0.910

L31.Temp. prom aire -0.001951 0.007642 -0.255 0.798

L32.Conduct -42.917443 52.398794 -0.819 0.413

L32.Water -15.493644 104.280639 -0.149 0.882

L32.Temp 31.598608 49.815032 0.634 0.526

L32.Precip. horaria -0.026276 0.068020 -0.386 0.699

L32.Temp. prom aire 0.009953 0.007700 1.293 0.196

L33.Conduct 65.913281 47.485798 1.388 0.165

L33.Water 5.615678 97.104797 0.058 0.954

L33.Temp -26.649678 50.502514 -0.528 0.598

L33.Precip. horaria 0.087972 0.071016 1.239 0.215

L33.Temp. prom aire -0.007465 0.007608 -0.981 0.327

L34.Conduct -75.385837 42.180261 -1.787 0.074

L34.Water 29.919434 91.326532 0.328 0.743

L34.Temp 21.513055 50.969260 0.422 0.673

L34.Precip. horaria 0.032650 0.070952 0.460 0.645

L34.Temp. prom aire -0.002185 0.007546 -0.290 0.772

L35.Conduct 66.042509 39.551152 1.670 0.095

L35.Water -47.601545 89.235873 -0.533 0.594

L35.Temp -5.013238 49.960946 -0.100 0.920

L35.Precip. horaria -0.048285 0.070829 -0.682 0.495

L35.Temp. prom aire -0.006396 0.007625 -0.839 0.402

L36.Conduct -41.085678 39.013942 -1.053 0.292

L36.Water 16.372630 90.238849 0.181 0.856

L36.Temp -24.863386 48.028891 -0.518 0.605

L36.Precip. horaria -0.130552 0.070833 -1.843 0.065

L36.Temp. prom aire 0.003627 0.007670 0.473 0.636

L37.Conduct 5.895078 37.900884 0.156 0.876

L37.Water 35.728991 90.561311 0.395 0.693

L37.Temp 53.176302 45.118820 1.179 0.239

L37.Precip. horaria -0.107750 0.072755 -1.481 0.139

L37.Temp. prom aire 0.000419 0.007797 0.054 0.957

L38.Conduct 19.505744 33.877306 0.576 0.565

L38.Water -59.782247 84.856769 -0.705 0.481

L38.Temp -60.336972 40.093463 -1.505 0.132

L38.Precip. horaria -0.173211 0.075775 -2.286 0.022

L38.Temp. prom aire 0.001336 0.007808 0.171 0.864

L39.Conduct -23.893202 25.865083 -0.924 0.356

L39.Water 39.372644 69.215543 0.569 0.569

L39.Temp 48.085901 33.184948 1.449 0.147

L39.Precip. horaria 0.030698 0.078693 0.390 0.696

L39.Temp. prom aire 0.004743 0.007773 0.610 0.542

L40.Conduct 14.788591 15.693359 0.942 0.346

L40.Water -7.595049 51.075896 -0.149 0.882

L40.Temp -34.367322 27.916798 -1.231 0.218

L40.Precip. horaria -0.029198 0.078080 -0.374 0.708

L40.Temp. prom aire -0.017900 0.007869 -2.275 0.023

L41.Conduct -1.331692 7.664738 -0.174 0.862

L41.Water 0.757582 43.247196 0.018 0.986

L41.Temp 25.523458 26.715101 0.955 0.339

L41.Precip. horaria -0.026240 0.082647 -0.317 0.751

L41.Temp. prom aire 0.007155 0.007857 0.911 0.362

L42.Conduct -5.483604 4.986108 -1.100 0.271

L42.Water -12.592851 42.666377 -0.295 0.768

L42.Temp -14.289982 26.999019 -0.529 0.597

L42.Precip. horaria 0.058054 0.089266 0.650 0.515

L42.Temp. prom aire 0.005238 0.007774 0.674 0.500

L43.Conduct 3.450677 4.764580 0.724 0.469

L43.Water 16.069701 42.833467 0.375 0.708

L43.Temp -2.564607 26.713499 -0.096 0.924

L43.Precip. horaria -0.271756 0.091531 -2.969 0.003

L43.Temp. prom aire -0.008831 0.007808 -1.131 0.258

L44.Conduct -0.216097 4.567122 -0.047 0.962

L44.Water -5.004567 41.745240 -0.120 0.905

L44.Temp 16.252866 25.110968 0.647 0.517

L44.Precip. horaria 0.116929 0.091289 1.281 0.200

L44.Temp. prom aire 0.013700 0.007821 1.752 0.080

L45.Conduct -1.965120 3.960003 -0.496 0.620

L45.Water -3.165174 36.473269 -0.087 0.931

L45.Temp -18.141202 21.183162 -0.856 0.392

L45.Precip. horaria -0.200567 0.090505 -2.216 0.027

L45.Temp. prom aire -0.011804 0.007889 -1.496 0.135

L46.Conduct 2.245672 3.159526 0.711 0.477

L46.Water 0.197911 25.132944 0.008 0.994

L46.Temp 11.800053 14.425255 0.818 0.413

L46.Precip. horaria 0.031297 0.092993 0.337 0.736

L46.Temp. prom aire 0.000286 0.007883 0.036 0.971

L47.Conduct -0.538054 1.919277 -0.280 0.779

L47.Water 2.775236 11.482206 0.242 0.809

L47.Temp -4.976342 6.663293 -0.747 0.455

L47.Precip. horaria -0.126284 0.091457 -1.381 0.167

L47.Temp. prom aire 0.004026 0.007764 0.519 0.604

L48.Conduct -0.189845 0.536829 -0.354 0.724

L48.Water -1.171210 2.493415 -0.470 0.639

L48.Temp 1.072543 1.481353 0.724 0.469

L48.Precip. horaria 0.038562 0.087495 0.441 0.659

L48.Temp. prom aire -0.000108 0.007133 -0.015 0.988

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -3.553980 3.847956 -0.924 0.356

L1.Conduct 18.016789 13.745387 1.311 0.190

L1.Water -49.873934 48.023346 -1.039 0.299

L1.Temp 9.901411 11.853640 0.835 0.404

L1.Precip. horaria -0.668269 0.773187 -0.864 0.387

L1.Temp. prom aire 0.350543 0.070801 4.951 0.000

L2.Conduct -89.418335 65.305251 -1.369 0.171

L2.Water 247.241004 221.218457 1.118 0.264

L2.Temp -50.838739 48.772929 -1.042 0.297

L2.Precip. horaria -0.588860 0.786960 -0.748 0.454

L2.Temp. prom aire 0.083546 0.074340 1.124 0.261

L3.Conduct 212.635840 150.081141 1.417 0.157

L3.Water -585.500621 486.789547 -1.203 0.229

L3.Temp 122.513805 96.939415 1.264 0.206

L3.Precip. horaria -0.542196 0.793943 -0.683 0.495

L3.Temp. prom aire 0.054258 0.073354 0.740 0.459

L4.Conduct -323.933306 234.642807 -1.381 0.167

L4.Water 927.998283 719.385566 1.290 0.197

L4.Temp -147.239222 132.775435 -1.109 0.267

L4.Precip. horaria 0.733835 0.793499 0.925 0.355

L4.Temp. prom aire -0.003925 0.073840 -0.053 0.958

L5.Conduct 368.813024 294.253146 1.253 0.210

L5.Water -1191.143119 848.639688 -1.404 0.160

L5.Temp 82.622111 150.401051 0.549 0.583

L5.Precip. horaria 0.001631 0.788600 0.002 0.998

L5.Temp. prom aire -0.033486 0.073915 -0.453 0.651

L6.Conduct -358.482862 324.886002 -1.103 0.270

L6.Water 1400.076372 889.803545 1.573 0.116

L6.Temp -48.882366 159.770297 -0.306 0.760

L6.Precip. horaria 1.740036 0.779286 2.233 0.026

L6.Temp. prom aire -0.055933 0.074004 -0.756 0.450

L7.Conduct 314.550826 334.125368 0.941 0.346

L7.Water -1552.643591 891.255662 -1.742 0.081

L7.Temp 110.219852 175.245616 0.629 0.529

L7.Precip. horaria -0.005445 0.791901 -0.007 0.995

L7.Temp. prom aire 0.211396 0.072965 2.897 0.004

L8.Conduct -230.655572 329.745425 -0.699 0.484

L8.Water 1582.587836 882.164080 1.794 0.073

L8.Temp -141.397089 207.642629 -0.681 0.496

L8.Precip. horaria -0.634181 0.795519 -0.797 0.425

L8.Temp. prom aire -0.057738 0.074774 -0.772 0.440

L9.Conduct 76.340857 327.787381 0.233 0.816

L9.Water -1294.232298 901.914089 -1.435 0.151

L9.Temp 56.009719 253.774666 0.221 0.825

L9.Precip. horaria -0.215555 0.796396 -0.271 0.787

L9.Temp. prom aire -0.093901 0.075935 -1.237 0.216

L10.Conduct 153.503780 354.335648 0.433 0.665

L10.Water 462.330574 994.337265 0.465 0.642

L10.Temp 94.456275 300.463183 0.314 0.753

L10.Precip. horaria 0.734447 0.837497 0.877 0.381

L10.Temp. prom aire -0.082399 0.076895 -1.072 0.284

L11.Conduct -354.900383 402.189418 -0.882 0.378

L11.Water 652.845384 1083.133551 0.603 0.547

L11.Temp -201.104378 332.266604 -0.605 0.545

L11.Precip. horaria 0.634987 0.867474 0.732 0.464

L11.Temp. prom aire -0.012166 0.077539 -0.157 0.875

L12.Conduct 406.452089 444.552944 0.914 0.361

L12.Water -1420.225174 1116.922315 -1.272 0.204

L12.Temp 160.933221 345.387598 0.466 0.641

L12.Precip. horaria -0.206408 0.803089 -0.257 0.797

L12.Temp. prom aire -0.013716 0.077408 -0.177 0.859

L13.Conduct -293.495285 470.013143 -0.624 0.532

L13.Water 1529.358982 1109.499535 1.378 0.168

L13.Temp -11.226060 352.977646 -0.032 0.975

L13.Precip. horaria -2.505059 0.824171 -3.039 0.002

L13.Temp. prom aire 0.003952 0.077825 0.051 0.959

L14.Conduct 90.130569 486.034700 0.185 0.853

L14.Water -1135.445406 1089.382991 -1.042 0.297

L14.Temp -65.409593 371.103105 -0.176 0.860

L14.Precip. horaria 0.054168 0.841414 0.064 0.949

L14.Temp. prom aire 0.109018 0.076907 1.418 0.156

L15.Conduct 111.047711 498.614379 0.223 0.824

L15.Water 523.000055 1067.102067 0.490 0.624

L15.Temp -39.668771 406.975053 -0.097 0.922

L15.Precip. horaria 0.255011 0.782358 0.326 0.744

L15.Temp. prom aire -0.130967 0.077080 -1.699 0.089

L16.Conduct -265.724693 501.211298 -0.530 0.596

L16.Water 141.335492 1039.958133 0.136 0.892

L16.Temp 209.781587 448.519328 0.468 0.640

L16.Precip. horaria 0.163750 0.754940 0.217 0.828

L16.Temp. prom aire -0.014191 0.076835 -0.185 0.853

L17.Conduct 352.263834 493.363019 0.714 0.475

L17.Water -649.431645 1015.919349 -0.639 0.523

L17.Temp -250.791621 485.888221 -0.516 0.606

L17.Precip. horaria 0.659834 0.740600 0.891 0.373

L17.Temp. prom aire 0.159297 0.076477 2.083 0.037

L18.Conduct -374.689752 487.075833 -0.769 0.442

L18.Water 873.802288 989.735022 0.883 0.377

L18.Temp 222.987914 517.499600 0.431 0.667

L18.Precip. horaria 1.486909 0.750529 1.981 0.048

L18.Temp. prom aire -0.102495 0.077861 -1.316 0.188

L19.Conduct 372.550499 491.154127 0.759 0.448

L19.Water -1024.813747 981.585450 -1.044 0.296

L19.Temp -347.772926 535.733063 -0.649 0.516

L19.Precip. horaria -0.246284 0.731959 -0.336 0.737

L19.Temp. prom aire -0.047148 0.077450 -0.609 0.543

L20.Conduct -343.761477 501.881756 -0.685 0.493

L20.Water 1201.350417 985.667935 1.219 0.223

L20.Temp 546.696575 540.705899 1.011 0.312

L20.Precip. horaria 0.870201 0.743056 1.171 0.242

L20.Temp. prom aire -0.058885 0.075894 -0.776 0.438

L21.Conduct 287.610494 516.638392 0.557 0.578

L21.Water -1260.289692 991.849768 -1.271 0.204

L21.Temp -528.102044 540.206482 -0.978 0.328

L21.Precip. horaria -0.024322 0.749159 -0.032 0.974

L21.Temp. prom aire 0.104410 0.076099 1.372 0.170

L22.Conduct -208.925539 536.640631 -0.389 0.697

L22.Water 1123.964463 1010.675066 1.112 0.266

L22.Temp 276.262969 541.414871 0.510 0.610

L22.Precip. horaria 0.682096 0.765911 0.891 0.373

L22.Temp. prom aire 0.011861 0.075779 0.157 0.876

L23.Conduct 47.866411 550.562706 0.087 0.931

L23.Water -799.287952 1020.143310 -0.784 0.433

L23.Temp -45.321720 545.597567 -0.083 0.934

L23.Precip. horaria -0.833916 0.737314 -1.131 0.258

L23.Temp. prom aire -0.033900 0.076018 -0.446 0.656

L24.Conduct 224.117470 552.800839 0.405 0.685

L24.Water 332.825280 1037.082354 0.321 0.748

L24.Temp 1.450762 554.618551 0.003 0.998

L24.Precip. horaria -0.020299 0.733716 -0.028 0.978

L24.Temp. prom aire -0.129591 0.075754 -1.711 0.087

L25.Conduct -552.740181 550.463210 -1.004 0.315

L25.Water 333.764616 1064.313510 0.314 0.754

L25.Temp -46.692443 577.288600 -0.081 0.936

L25.Precip. horaria -1.334202 0.714712 -1.867 0.062

L25.Temp. prom aire 0.068548 0.077701 0.882 0.378

L26.Conduct 863.409380 548.248184 1.575 0.115

L26.Water -1267.818561 1081.020400 -1.173 0.241

L26.Temp -43.949090 601.064439 -0.073 0.942

L26.Precip. horaria 0.234289 0.713755 0.328 0.743

L26.Temp. prom aire -0.085178 0.078880 -1.080 0.280

L27.Conduct -1095.004655 545.017947 -2.009 0.045

L27.Water 2231.868139 1075.603925 2.075 0.038

L27.Temp 309.805738 603.340914 0.513 0.608

L27.Precip. horaria -1.308164 0.694753 -1.883 0.060

L27.Temp. prom aire 0.077695 0.078836 0.986 0.324

L28.Conduct 1237.235230 540.417317 2.289 0.022

L28.Water -2921.871086 1070.498770 -2.729 0.006

L28.Temp -541.727849 584.655917 -0.927 0.354

L28.Precip. horaria -0.509833 0.680428 -0.749 0.454

L28.Temp. prom aire -0.149860 0.076427 -1.961 0.050

L29.Conduct -1257.106655 538.431052 -2.335 0.020

L29.Water 3171.857751 1086.091386 2.920 0.003

L29.Temp 564.860038 560.350961 1.008 0.313

L29.Precip. horaria -0.348164 0.688573 -0.506 0.613

L29.Temp. prom aire -0.071216 0.077570 -0.918 0.359

L30.Conduct 1031.739020 543.115385 1.900 0.057

L30.Water -2828.200601 1096.299591 -2.580 0.010

L30.Temp -466.447939 536.880603 -0.869 0.385

L30.Precip. horaria 0.770930 0.689556 1.118 0.264

L30.Temp. prom aire -0.008296 0.076938 -0.108 0.914

L31.Conduct -496.320297 546.749364 -0.908 0.364

L31.Water 1909.347136 1093.073332 1.747 0.081

L31.Temp 461.590890 513.180233 0.899 0.368

L31.Precip. horaria -1.092962 0.696807 -1.569 0.117

L31.Temp. prom aire 0.028320 0.076929 0.368 0.713

L32.Conduct -213.961489 527.444240 -0.406 0.685

L32.Water -628.627175 1049.684877 -0.599 0.549

L32.Temp -523.188637 501.436184 -1.043 0.297

L32.Precip. horaria 0.497273 0.684690 0.726 0.468

L32.Temp. prom aire -0.094259 0.077506 -1.216 0.224

L33.Conduct 792.552183 477.990208 1.658 0.097

L33.Water -660.738998 977.453138 -0.676 0.499

L33.Temp 413.964443 508.356357 0.814 0.415

L33.Precip. horaria -0.283418 0.714845 -0.396 0.692

L33.Temp. prom aire 0.190102 0.076580 2.482 0.013

L34.Conduct -1003.531353 424.584877 -2.364 0.018

L34.Water 1498.568301 919.289339 1.630 0.103

L34.Temp -107.774401 513.054599 -0.210 0.834

L34.Precip. horaria 0.519207 0.714205 0.727 0.467

L34.Temp. prom aire -0.125810 0.075955 -1.656 0.098

L35.Conduct 915.854346 398.120366 2.300 0.021

L35.Water -1762.454248 898.244846 -1.962 0.050

L35.Temp -166.827593 502.904953 -0.332 0.740

L35.Precip. horaria -1.298577 0.712958 -1.821 0.069

L35.Temp. prom aire -0.075394 0.076753 -0.982 0.326

L36.Conduct -726.471059 392.712829 -1.850 0.064

L36.Water 1697.992015 908.340763 1.869 0.062

L36.Temp 260.031848 483.456965 0.538 0.591

L36.Precip. horaria 0.726320 0.712999 1.019 0.308

L36.Temp. prom aire 0.198835 0.077210 2.575 0.010

L37.Conduct 494.845446 381.508838 1.297 0.195

L37.Water -1453.629756 911.586654 -1.595 0.111

L37.Temp -250.318338 454.164296 -0.551 0.582

L37.Precip. horaria -0.119350 0.732350 -0.163 0.871

L37.Temp. prom aire -0.101669 0.078488 -1.295 0.195

L38.Conduct -228.226698 341.007657 -0.669 0.503

L38.Water 1074.109784 854.164955 1.257 0.209

L38.Temp 255.871355 403.579249 0.634 0.526

L38.Precip. horaria -1.101467 0.762751 -1.444 0.149

L38.Temp. prom aire -0.062589 0.078597 -0.796 0.426

L39.Conduct 15.785127 260.356931 0.061 0.952

L39.Water -652.275326 696.720977 -0.936 0.349

L39.Temp -253.421650 334.038407 -0.759 0.448

L39.Precip. horaria -0.112704 0.792121 -0.142 0.887

L39.Temp. prom aire -0.069950 0.078245 -0.894 0.371

L40.Conduct 47.882031 157.968744 0.303 0.762

L40.Water 273.853871 514.127995 0.533 0.594

L40.Temp 198.164797 281.009411 0.705 0.481

L40.Precip. horaria 1.139942 0.785948 1.450 0.147

L40.Temp. prom aire 0.088298 0.079204 1.115 0.265

L41.Conduct 3.385121 77.152953 0.044 0.965

L41.Water 5.182847 435.324603 0.012 0.991

L41.Temp -136.946079 268.913176 -0.509 0.611

L41.Precip. horaria -1.216695 0.831919 -1.463 0.144

L41.Temp. prom aire 0.035349 0.079089 0.447 0.655

L42.Conduct -45.000776 50.189975 -0.897 0.370

L42.Water -138.087029 429.478098 -0.322 0.748

L42.Temp 118.614773 271.771079 0.436 0.663

L42.Precip. horaria 1.189332 0.898552 1.324 0.186

L42.Temp. prom aire -0.037585 0.078248 -0.480 0.631

L43.Conduct 33.909601 47.960082 0.707 0.480

L43.Water 106.847226 431.160022 0.248 0.804

L43.Temp -149.396335 268.897049 -0.556 0.578

L43.Precip. horaria -2.175625 0.921348 -2.361 0.018

L43.Temp. prom aire -0.049122 0.078595 -0.625 0.532

L44.Conduct -1.952984 45.972470 -0.042 0.966

L44.Water -3.024500 420.205968 -0.007 0.994

L44.Temp 187.575296 252.766032 0.742 0.458

L44.Precip. horaria 0.354400 0.918913 0.386 0.700

L44.Temp. prom aire 0.054736 0.078727 0.695 0.487

L45.Conduct -35.478451 39.861236 -0.890 0.373

L45.Water -19.029399 367.138516 -0.052 0.959

L45.Temp -176.743089 213.228885 -0.829 0.407

L45.Precip. horaria 0.090366 0.911015 0.099 0.921

L45.Temp. prom aire 0.072472 0.079415 0.913 0.361

L46.Conduct 51.505130 31.803663 1.619 0.105

L46.Water -35.503739 252.987245 -0.140 0.888

L46.Temp 123.224130 145.204064 0.849 0.396

L46.Precip. horaria -0.692806 0.936064 -0.740 0.459

L46.Temp. prom aire -0.110240 0.079349 -1.389 0.165

L47.Conduct -31.037651 19.319366 -1.607 0.108

L47.Water 45.694957 115.579442 0.395 0.693

L47.Temp -60.410796 67.072449 -0.901 0.368

L47.Precip. horaria 1.445049 0.920607 1.570 0.116

L47.Temp. prom aire -0.123752 0.078157 -1.583 0.113

L48.Conduct 6.995033 5.403695 1.294 0.195

L48.Water -13.670979 25.098616 -0.545 0.586

L48.Temp 14.806346 14.911239 0.993 0.321

L48.Precip. horaria 1.720808 0.880722 1.954 0.051

L48.Temp. prom aire -0.019110 0.071802 -0.266 0.790

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.768651 0.226674 -0.060421 -0.146487

Water 0.768651 1.000000 0.377130 -0.284945 -0.125876

Temp 0.226674 0.377130 1.000000 0.018147 -0.075502

Precip. horaria -0.060421 -0.284945 0.018147 1.000000 0.031535

Temp. prom aire -0.146487 -0.125876 -0.075502 0.031535 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -19.6819

Nobs: 440.000 HQIC: -26.4587

Log likelihood: 4875.63 FPE: 7.66092e-14

AIC: -30.8741 Det(Omega\_mle): 8.62598e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.078400 0.044646 1.756 0.079

L1.Conduct 3.461666 0.230122 15.043 0.000

L1.Water 2.506200 0.804255 3.116 0.002

L1.Temp -0.364711 0.125425 -2.908 0.004

L1.Precip. horaria 0.010013 0.008764 1.142 0.253

L1.Temp. prom aire -0.000558 0.000794 -0.703 0.482

L2.Conduct -4.743625 1.016131 -4.668 0.000

L2.Water -10.668799 3.697317 -2.886 0.004

L2.Temp 1.679277 0.475328 3.533 0.000

L2.Precip. horaria -0.018531 0.009329 -1.986 0.047

L2.Temp. prom aire 0.000951 0.000855 1.113 0.266

L3.Conduct 3.836445 2.127194 1.804 0.071

L3.Water 18.151765 7.998560 2.269 0.023

L3.Temp -3.578763 0.840664 -4.257 0.000

L3.Precip. horaria 0.013716 0.009142 1.500 0.134

L3.Temp. prom aire -0.001524 0.000849 -1.795 0.073

L4.Conduct -3.626513 3.001873 -1.208 0.227

L4.Water -14.109589 11.523377 -1.224 0.221

L4.Temp 4.760660 1.038420 4.585 0.000

L4.Precip. horaria -0.011779 0.009291 -1.268 0.205

L4.Temp. prom aire 0.001777 0.000864 2.058 0.040

L5.Conduct 5.275341 3.472744 1.519 0.129

L5.Water 0.005498 13.475037 0.000 1.000

L5.Temp -4.393578 1.146214 -3.833 0.000

L5.Precip. horaria -0.003684 0.008901 -0.414 0.679

L5.Temp. prom aire -0.000436 0.000865 -0.505 0.614

L6.Conduct -6.238980 3.681451 -1.695 0.090

L6.Water 10.526028 14.360965 0.733 0.464

L6.Temp 2.547575 1.251879 2.035 0.042

L6.Precip. horaria -0.012257 0.009262 -1.323 0.186

L6.Temp. prom aire 0.000994 0.000850 1.168 0.243

L7.Conduct 2.656109 3.764691 0.706 0.480

L7.Water -6.364284 14.735237 -0.432 0.666

L7.Temp 0.374275 1.451274 0.258 0.796

L7.Precip. horaria 0.026549 0.009600 2.766 0.006

L7.Temp. prom aire -0.000673 0.000849 -0.793 0.428

L8.Conduct 4.868281 3.821458 1.274 0.203

L8.Water -6.309669 15.097680 -0.418 0.676

L8.Temp -4.113266 1.936841 -2.124 0.034

L8.Precip. horaria -0.005196 0.009737 -0.534 0.594

L8.Temp. prom aire -0.000668 0.000864 -0.774 0.439

L9.Conduct -9.868303 4.055277 -2.433 0.015

L9.Water 11.209188 16.119589 0.695 0.487

L9.Temp 8.335150 2.615233 3.187 0.001

L9.Precip. horaria 0.003596 0.009764 0.368 0.713

L9.Temp. prom aire -0.001056 0.000875 -1.206 0.228

L10.Conduct 9.572191 4.756637 2.012 0.044

L10.Water -6.089138 18.874138 -0.323 0.747

L10.Temp -11.949180 3.212127 -3.720 0.000

L10.Precip. horaria -0.005845 0.010161 -0.575 0.565

L10.Temp. prom aire 0.001381 0.000871 1.586 0.113

L11.Conduct -6.953380 5.554348 -1.252 0.211

L11.Water 0.783339 22.058437 0.036 0.972

L11.Temp 13.492113 3.599834 3.748 0.000

L11.Precip. horaria -0.010778 0.009999 -1.078 0.281

L11.Temp. prom aire -0.001300 0.000875 -1.485 0.138

L12.Conduct 4.598713 6.101796 0.754 0.451

L12.Water 1.288867 24.194377 0.053 0.958

L12.Temp -12.242912 3.833219 -3.194 0.001

L12.Precip. horaria 0.012151 0.009840 1.235 0.217

L12.Temp. prom aire 0.000863 0.000881 0.980 0.327

L13.Conduct -3.165000 6.414354 -0.493 0.622

L13.Water -5.739168 25.356629 -0.226 0.821

L13.Temp 8.627036 4.006698 2.153 0.031

L13.Precip. horaria 0.012294 0.009755 1.260 0.208

L13.Temp. prom aire 0.000605 0.000874 0.692 0.489

L14.Conduct -0.137640 6.614761 -0.021 0.983

L14.Water 18.817147 26.088169 0.721 0.471

L14.Temp -3.611388 4.231519 -0.853 0.393

L14.Precip. horaria -0.005324 0.009933 -0.536 0.592

L14.Temp. prom aire 0.000317 0.000861 0.368 0.713

L15.Conduct 6.598434 6.624436 0.996 0.319

L15.Water -34.245794 26.073831 -1.313 0.189

L15.Temp -2.348889 4.642413 -0.506 0.613

L15.Precip. horaria 0.003720 0.009713 0.383 0.702

L15.Temp. prom aire 0.000303 0.000861 0.352 0.725

L16.Conduct -10.992283 6.354212 -1.730 0.084

L16.Water 37.201882 24.901591 1.494 0.135

L16.Temp 8.753903 5.167313 1.694 0.090

L16.Precip. horaria 0.014722 0.010049 1.465 0.143

L16.Temp. prom aire 0.001592 0.000863 1.845 0.065

L17.Conduct 10.343847 6.152700 1.681 0.093

L17.Water -27.105803 24.054784 -1.127 0.260

L17.Temp -14.058543 5.620047 -2.501 0.012

L17.Precip. horaria 0.002452 0.009633 0.255 0.799

L17.Temp. prom aire -0.001165 0.000862 -1.352 0.176

L18.Conduct -6.801939 6.382431 -1.066 0.287

L18.Water 14.080892 25.036539 0.562 0.574

L18.Temp 16.567078 5.910523 2.803 0.005

L18.Precip. horaria 0.021745 0.009255 2.350 0.019

L18.Temp. prom aire 0.001515 0.000867 1.748 0.081

L19.Conduct 2.630569 6.876662 0.383 0.702

L19.Water -0.036170 26.989631 -0.001 0.999

L19.Temp -15.757545 6.064725 -2.598 0.009

L19.Precip. horaria -0.008601 0.009201 -0.935 0.350

L19.Temp. prom aire -0.000512 0.000868 -0.590 0.555

L20.Conduct 1.066111 7.274745 0.147 0.883

L20.Water -19.806832 28.541855 -0.694 0.488

L20.Temp 12.503960 6.165667 2.028 0.043

L20.Precip. horaria 0.013329 0.009230 1.444 0.149

L20.Temp. prom aire 0.000229 0.000872 0.263 0.793

L21.Conduct -6.788904 7.546771 -0.900 0.368

L21.Water 48.069044 29.677130 1.620 0.105

L21.Temp -7.930623 6.255273 -1.268 0.205

L21.Precip. horaria -0.006163 0.008835 -0.698 0.485

L21.Temp. prom aire -0.000238 0.000894 -0.266 0.790

L22.Conduct 16.004854 7.728220 2.071 0.038

L22.Water -77.697455 30.616052 -2.538 0.011

L22.Temp 2.500142 6.367053 0.393 0.695

L22.Precip. horaria 0.005470 0.009215 0.594 0.553

L22.Temp. prom aire 0.001030 0.000901 1.144 0.253

L23.Conduct -23.850689 7.720621 -3.089 0.002

L23.Water 93.934922 30.856520 3.044 0.002

L23.Temp 3.007003 6.532746 0.460 0.645

L23.Precip. horaria 0.009595 0.009191 1.044 0.297

L23.Temp. prom aire -0.001580 0.000887 -1.781 0.075

L24.Conduct 25.884700 7.568675 3.420 0.001

L24.Water -90.590551 30.424677 -2.978 0.003

L24.Temp -7.291670 6.747064 -1.081 0.280

L24.Precip. horaria 0.007514 0.009047 0.831 0.406

L24.Temp. prom aire 0.000502 0.000888 0.566 0.572

L25.Conduct -21.457052 7.536500 -2.847 0.004

L25.Water 72.544611 30.199100 2.402 0.016

L25.Temp 9.694736 6.959112 1.393 0.164

L25.Precip. horaria -0.007159 0.009082 -0.788 0.431

L25.Temp. prom aire 0.000228 0.000903 0.253 0.801

L26.Conduct 13.227554 7.721217 1.713 0.087

L26.Water -46.385440 30.594902 -1.516 0.129

L26.Temp -10.381680 7.029582 -1.477 0.140

L26.Precip. horaria -0.015366 0.008670 -1.772 0.076

L26.Temp. prom aire 0.000051 0.000905 0.056 0.955

L27.Conduct -6.095914 7.955454 -0.766 0.444

L27.Water 18.089478 31.193273 0.580 0.562

L27.Temp 9.979412 6.858897 1.455 0.146

L27.Precip. horaria 0.004969 0.008655 0.574 0.566

L27.Temp. prom aire -0.001280 0.000897 -1.427 0.154

L28.Conduct 0.376799 8.126570 0.046 0.963

L28.Water 9.566983 31.688488 0.302 0.763

L28.Temp -8.940451 6.571006 -1.361 0.174

L28.Precip. horaria -0.013422 0.008647 -1.552 0.121

L28.Temp. prom aire 0.001436 0.000889 1.616 0.106

L29.Conduct 6.471454 8.168166 0.792 0.428

L29.Water -34.130081 31.955884 -1.068 0.286

L29.Temp 7.112241 6.352811 1.120 0.263

L29.Precip. horaria 0.015619 0.008579 1.821 0.069

L29.Temp. prom aire -0.002065 0.000896 -2.305 0.021

L30.Conduct -13.287119 7.988635 -1.663 0.096

L30.Water 50.274160 31.515483 1.595 0.111

L30.Temp -4.318382 6.215447 -0.695 0.487

L30.Precip. horaria 0.006177 0.008638 0.715 0.475

L30.Temp. prom aire 0.000276 0.000902 0.306 0.760

L31.Conduct 17.434345 7.484469 2.329 0.020

L31.Water -57.130743 29.829123 -1.915 0.055

L31.Temp 0.935076 6.112787 0.153 0.878

L31.Precip. horaria 0.007169 0.008577 0.836 0.403

L31.Temp. prom aire -0.000816 0.000909 -0.898 0.369

L32.Conduct -17.136386 6.778576 -2.528 0.011

L32.Water 56.458090 27.287817 2.069 0.039

L32.Temp 2.202916 6.100773 0.361 0.718

L32.Precip. horaria 0.006719 0.008117 0.828 0.408

L32.Temp. prom aire -0.000641 0.000906 -0.707 0.479

L33.Conduct 13.056418 6.257534 2.087 0.037

L33.Water -47.315403 25.232096 -1.875 0.061

L33.Temp -4.322537 6.152810 -0.703 0.482

L33.Precip. horaria 0.004582 0.008188 0.560 0.576

L33.Temp. prom aire 0.000454 0.000889 0.511 0.609

L34.Conduct -8.540977 6.101373 -1.400 0.162

L34.Water 31.660728 24.338371 1.301 0.193

L34.Temp 5.208513 6.092580 0.855 0.393

L34.Precip. horaria -0.020165 0.008089 -2.493 0.013

L34.Temp. prom aire 0.000346 0.000909 0.380 0.704

L35.Conduct 5.061047 6.068880 0.834 0.404

L35.Water -15.327345 23.831593 -0.643 0.520

L35.Temp -4.948253 5.910260 -0.837 0.402

L35.Precip. horaria 0.006724 0.008111 0.829 0.407

L35.Temp. prom aire -0.001115 0.000914 -1.220 0.222

L36.Conduct -2.092836 5.860113 -0.357 0.721

L36.Water 3.576871 22.758007 0.157 0.875

L36.Temp 3.661000 5.699330 0.642 0.521

L36.Precip. horaria -0.012244 0.008113 -1.509 0.131

L36.Temp. prom aire 0.001431 0.000925 1.547 0.122

L37.Conduct -0.121486 5.360872 -0.023 0.982

L37.Water 1.134955 20.660170 0.055 0.956

L37.Temp -1.512406 5.381860 -0.281 0.779

L37.Precip. horaria 0.009986 0.008546 1.169 0.243

L37.Temp. prom aire -0.001061 0.000931 -1.139 0.255

L38.Conduct 1.140728 4.454747 0.256 0.798

L38.Water -1.060040 17.160808 -0.062 0.951

L38.Temp -1.109725 4.804665 -0.231 0.817

L38.Precip. horaria 0.004343 0.009264 0.469 0.639

L38.Temp. prom aire 0.000414 0.000931 0.445 0.657

L39.Conduct -0.870655 3.089853 -0.282 0.778

L39.Water 0.531076 12.236537 0.043 0.965

L39.Temp 3.259137 4.034319 0.808 0.419

L39.Precip. horaria -0.019807 0.009498 -2.085 0.037

L39.Temp. prom aire 0.000264 0.000917 0.288 0.773

L40.Conduct -0.057388 1.604409 -0.036 0.971

L40.Water -0.766895 7.254704 -0.106 0.916

L40.Temp -4.132835 3.458840 -1.195 0.232

L40.Precip. horaria 0.002682 0.009289 0.289 0.773

L40.Temp. prom aire -0.000629 0.000915 -0.687 0.492

L41.Conduct 0.508358 0.572143 0.889 0.374

L41.Water 0.333692 4.523737 0.074 0.941

L41.Temp 3.810275 3.301480 1.154 0.248

L41.Precip. horaria -0.007449 0.009624 -0.774 0.439

L41.Temp. prom aire -0.000893 0.000909 -0.982 0.326

L42.Conduct -0.304982 0.353748 -0.862 0.389

L42.Water 0.828049 4.127696 0.201 0.841

L42.Temp -2.693242 3.289379 -0.819 0.413

L42.Precip. horaria 0.000334 0.010181 0.033 0.974

L42.Temp. prom aire 0.000439 0.000896 0.490 0.624

L43.Conduct -0.095380 0.341776 -0.279 0.780

L43.Water -0.167875 4.026139 -0.042 0.967

L43.Temp 1.201827 3.230212 0.372 0.710

L43.Precip. horaria -0.000371 0.010581 -0.035 0.972

L43.Temp. prom aire 0.000233 0.000905 0.257 0.797

L44.Conduct 0.270023 0.305292 0.884 0.376

L44.Water -2.937040 3.733032 -0.787 0.431

L44.Temp 0.153997 3.033046 0.051 0.960

L44.Precip. horaria -0.006392 0.010223 -0.625 0.532

L44.Temp. prom aire 0.000883 0.000903 0.978 0.328

L45.Conduct 0.096948 0.278152 0.349 0.727

L45.Water 4.769428 3.191742 1.494 0.135

L45.Temp -0.930888 2.554185 -0.364 0.716

L45.Precip. horaria -0.002059 0.010282 -0.200 0.841

L45.Temp. prom aire -0.001159 0.000906 -1.279 0.201

L46.Conduct -0.525105 0.244188 -2.150 0.032

L46.Water -3.302750 2.220062 -1.488 0.137

L46.Temp 0.907441 1.734463 0.523 0.601

L46.Precip. horaria 0.005193 0.010701 0.485 0.627

L46.Temp. prom aire 0.000758 0.000905 0.837 0.403

L47.Conduct 0.418580 0.168033 2.491 0.013

L47.Water 1.061721 1.018004 1.043 0.297

L47.Temp -0.422074 0.800233 -0.527 0.598

L47.Precip. horaria -0.001654 0.010347 -0.160 0.873

L47.Temp. prom aire 0.000196 0.000900 0.218 0.828

L48.Conduct -0.106852 0.051541 -2.073 0.038

L48.Water -0.120390 0.218298 -0.551 0.581

L48.Temp 0.076902 0.178073 0.432 0.666

L48.Precip. horaria 0.010175 0.010235 0.994 0.320

L48.Temp. prom aire -0.000082 0.000826 -0.099 0.921

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.020980 0.012655 1.658 0.097

L1.Conduct -0.269092 0.065227 -4.125 0.000

L1.Water 5.244007 0.227962 23.004 0.000

L1.Temp -0.135255 0.035551 -3.805 0.000

L1.Precip. horaria 0.005601 0.002484 2.255 0.024

L1.Temp. prom aire -0.000125 0.000225 -0.556 0.578

L2.Conduct 1.079603 0.288017 3.748 0.000

L2.Water -12.046975 1.047987 -11.495 0.000

L2.Temp 0.626056 0.134729 4.647 0.000

L2.Precip. horaria -0.005918 0.002644 -2.238 0.025

L2.Temp. prom aire 0.000237 0.000242 0.978 0.328

L3.Conduct -1.731962 0.602943 -2.873 0.004

L3.Water 15.820790 2.267154 6.978 0.000

L3.Temp -1.337003 0.238282 -5.611 0.000

L3.Precip. horaria 0.001942 0.002591 0.749 0.454

L3.Temp. prom aire -0.000430 0.000241 -1.788 0.074

L4.Conduct 1.253703 0.850867 1.473 0.141

L4.Water -12.625275 3.266247 -3.865 0.000

L4.Temp 1.783221 0.294335 6.058 0.000

L4.Precip. horaria -0.005212 0.002634 -1.979 0.048

L4.Temp. prom aire 0.000513 0.000245 2.096 0.036

L5.Conduct 0.099349 0.984333 0.101 0.920

L5.Water 5.129582 3.819435 1.343 0.179

L5.Temp -1.668955 0.324889 -5.137 0.000

L5.Precip. horaria 0.001683 0.002523 0.667 0.505

L5.Temp. prom aire -0.000204 0.000245 -0.834 0.404

L6.Conduct -1.128952 1.043490 -1.082 0.279

L6.Water 0.858512 4.070547 0.211 0.833

L6.Temp 1.066795 0.354839 3.006 0.003

L6.Precip. horaria -0.005701 0.002625 -2.172 0.030

L6.Temp. prom aire 0.000331 0.000241 1.373 0.170

L7.Conduct 1.049801 1.067084 0.984 0.325

L7.Water -3.298114 4.176633 -0.790 0.430

L7.Temp -0.177983 0.411357 -0.433 0.665

L7.Precip. horaria 0.007072 0.002721 2.599 0.009

L7.Temp. prom aire -0.000116 0.000241 -0.482 0.630

L8.Conduct -0.542662 1.083174 -0.501 0.616

L8.Water 5.943579 4.279366 1.389 0.165

L8.Temp -0.952770 0.548988 -1.736 0.083

L8.Precip. horaria -0.003251 0.002760 -1.178 0.239

L8.Temp. prom aire -0.000270 0.000245 -1.103 0.270

L9.Conduct 0.679454 1.149449 0.591 0.554

L9.Water -10.729163 4.569021 -2.348 0.019

L9.Temp 2.332545 0.741275 3.147 0.002

L9.Precip. horaria 0.004689 0.002768 1.694 0.090

L9.Temp. prom aire -0.000274 0.000248 -1.105 0.269

L10.Conduct -1.157818 1.348246 -0.859 0.390

L10.Water 13.863932 5.349785 2.591 0.010

L10.Temp -3.613454 0.910462 -3.969 0.000

L10.Precip. horaria -0.001814 0.002880 -0.630 0.529

L10.Temp. prom aire 0.000359 0.000247 1.455 0.146

L11.Conduct 1.266490 1.574354 0.804 0.421

L11.Water -12.662015 6.252359 -2.025 0.043

L11.Temp 4.235204 1.020356 4.151 0.000

L11.Precip. horaria -0.002573 0.002834 -0.908 0.364

L11.Temp. prom aire -0.000381 0.000248 -1.535 0.125

L12.Conduct -1.041003 1.729525 -0.602 0.547

L12.Water 9.419302 6.857781 1.374 0.170

L12.Temp -3.908833 1.086508 -3.598 0.000

L12.Precip. horaria 0.004246 0.002789 1.522 0.128

L12.Temp. prom aire 0.000213 0.000250 0.854 0.393

L13.Conduct 0.889969 1.818118 0.489 0.624

L13.Water -8.347381 7.187216 -1.161 0.245

L13.Temp 2.798233 1.135679 2.464 0.014

L13.Precip. horaria 0.004241 0.002765 1.534 0.125

L13.Temp. prom aire 0.000254 0.000248 1.027 0.304

L14.Conduct -1.286004 1.874923 -0.686 0.493

L14.Water 9.894423 7.394568 1.338 0.181

L14.Temp -1.289750 1.199404 -1.075 0.282

L14.Precip. horaria -0.002402 0.002816 -0.853 0.394

L14.Temp. prom aire 0.000068 0.000244 0.280 0.779

L15.Conduct 1.802255 1.877665 0.960 0.337

L15.Water -9.000099 7.390504 -1.218 0.223

L15.Temp -0.491684 1.315870 -0.374 0.709

L15.Precip. horaria -0.001631 0.002753 -0.593 0.553

L15.Temp. prom aire 0.000053 0.000244 0.219 0.827

L16.Conduct -1.342283 1.801071 -0.745 0.456

L16.Water 2.833407 7.058238 0.401 0.688

L16.Temp 2.502954 1.464650 1.709 0.087

L16.Precip. horaria 0.002975 0.002848 1.045 0.296

L16.Temp. prom aire 0.000539 0.000244 2.204 0.028

L17.Conduct 0.039232 1.743954 0.022 0.982

L17.Water 4.481241 6.818215 0.657 0.511

L17.Temp -4.309756 1.592976 -2.705 0.007

L17.Precip. horaria 0.002960 0.002730 1.084 0.278

L17.Temp. prom aire -0.000373 0.000244 -1.528 0.126

L18.Conduct 1.179700 1.809070 0.652 0.514

L18.Water -8.484584 7.096488 -1.196 0.232

L18.Temp 5.330289 1.675310 3.182 0.001

L18.Precip. horaria 0.005863 0.002623 2.235 0.025

L18.Temp. prom aire 0.000420 0.000246 1.709 0.087

L19.Conduct -1.979082 1.949157 -1.015 0.310

L19.Water 10.499145 7.650083 1.372 0.170

L19.Temp -5.254014 1.719018 -3.056 0.002

L19.Precip. horaria -0.005331 0.002608 -2.044 0.041

L19.Temp. prom aire -0.000164 0.000246 -0.667 0.505

L20.Conduct 2.752209 2.061992 1.335 0.182

L20.Water -15.000980 8.090054 -1.854 0.064

L20.Temp 4.250811 1.747629 2.432 0.015

L20.Precip. horaria 0.003990 0.002616 1.525 0.127

L20.Temp. prom aire -0.000189 0.000247 -0.763 0.446

L21.Conduct -4.208434 2.139097 -1.967 0.049

L21.Water 22.354894 8.411842 2.658 0.008

L21.Temp -2.756479 1.773028 -1.555 0.120

L21.Precip. horaria -0.000537 0.002504 -0.215 0.830

L21.Temp. prom aire 0.000003 0.000253 0.011 0.991

L22.Conduct 6.001486 2.190527 2.740 0.006

L22.Water -27.351474 8.677975 -3.152 0.002

L22.Temp 0.995630 1.804711 0.552 0.581

L22.Precip. horaria 0.001000 0.002612 0.383 0.702

L22.Temp. prom aire 0.000284 0.000255 1.114 0.265

L23.Conduct -6.825180 2.188374 -3.119 0.002

L23.Water 26.149699 8.746134 2.990 0.003

L23.Temp 0.851892 1.851676 0.460 0.645

L23.Precip. horaria 0.001400 0.002605 0.537 0.591

L23.Temp. prom aire -0.000423 0.000252 -1.682 0.093

L24.Conduct 6.176610 2.145305 2.879 0.004

L24.Water -20.475862 8.623730 -2.374 0.018

L24.Temp -2.447791 1.912423 -1.280 0.201

L24.Precip. horaria 0.001393 0.002564 0.543 0.587

L24.Temp. prom aire 0.000261 0.000252 1.039 0.299

L25.Conduct -4.378862 2.136185 -2.050 0.040

L25.Water 13.920173 8.559792 1.626 0.104

L25.Temp 3.547762 1.972527 1.799 0.072

L25.Precip. horaria -0.002698 0.002574 -1.048 0.295

L25.Temp. prom aire 0.000033 0.000256 0.130 0.896

L26.Conduct 2.184510 2.188542 0.998 0.318

L26.Water -7.537398 8.671980 -0.869 0.385

L26.Temp -4.064092 1.992502 -2.040 0.041

L26.Precip. horaria -0.004452 0.002457 -1.812 0.070

L26.Temp. prom aire 0.000005 0.000256 0.020 0.984

L27.Conduct -0.390411 2.254936 -0.173 0.863

L27.Water 0.276732 8.841585 0.031 0.975

L27.Temp 4.086840 1.944122 2.102 0.036

L27.Precip. horaria 0.001993 0.002453 0.813 0.416

L27.Temp. prom aire -0.000306 0.000254 -1.205 0.228

L28.Conduct -1.185558 2.303438 -0.515 0.607

L28.Water 7.671840 8.981952 0.854 0.393

L28.Temp -3.765141 1.862520 -2.022 0.043

L28.Precip. horaria -0.005097 0.002451 -2.080 0.038

L28.Temp. prom aire 0.000377 0.000252 1.499 0.134

L29.Conduct 2.888245 2.315228 1.247 0.212

L29.Water -13.684017 9.057744 -1.511 0.131

L29.Temp 3.069198 1.800674 1.704 0.088

L29.Precip. horaria 0.004811 0.002432 1.978 0.048

L29.Temp. prom aire -0.000578 0.000254 -2.275 0.023

L30.Conduct -4.344917 2.264341 -1.919 0.055

L30.Water 15.996075 8.932914 1.791 0.073

L30.Temp -1.966631 1.761739 -1.116 0.264

L30.Precip. horaria 0.002086 0.002448 0.852 0.394

L30.Temp. prom aire -0.000029 0.000256 -0.115 0.909

L31.Conduct 5.152928 2.121437 2.429 0.015

L31.Water -16.253479 8.454923 -1.922 0.055

L31.Temp 0.596414 1.732641 0.344 0.731

L31.Precip. horaria 0.002000 0.002431 0.823 0.411

L31.Temp. prom aire -0.000276 0.000258 -1.073 0.283

L32.Conduct -5.003777 1.921355 -2.604 0.009

L32.Water 16.141667 7.734602 2.087 0.037

L32.Temp 0.810643 1.729235 0.469 0.639

L32.Precip. horaria 0.001031 0.002301 0.448 0.654

L32.Temp. prom aire -0.000137 0.000257 -0.534 0.593

L33.Conduct 3.947656 1.773668 2.226 0.026

L33.Water -14.433948 7.151918 -2.018 0.044

L33.Temp -1.955785 1.743985 -1.121 0.262

L33.Precip. horaria 0.001505 0.002321 0.648 0.517

L33.Temp. prom aire 0.000263 0.000252 1.046 0.296

L34.Conduct -2.585271 1.729405 -1.495 0.135

L34.Water 9.940307 6.898596 1.441 0.150

L34.Temp 2.605182 1.726913 1.509 0.131

L34.Precip. horaria -0.005956 0.002293 -2.598 0.009

L34.Temp. prom aire 0.000122 0.000258 0.473 0.636

L35.Conduct 1.354987 1.720195 0.788 0.431

L35.Water -4.424230 6.754952 -0.655 0.512

L35.Temp -2.695390 1.675235 -1.609 0.108

L35.Precip. horaria 0.000369 0.002299 0.160 0.873

L35.Temp. prom aire -0.000293 0.000259 -1.132 0.258

L36.Conduct -0.416044 1.661021 -0.250 0.802

L36.Water 0.843310 6.450649 0.131 0.896

L36.Temp 2.295251 1.615448 1.421 0.155

L36.Precip. horaria -0.003180 0.002300 -1.383 0.167

L36.Temp. prom aire 0.000463 0.000262 1.764 0.078

L37.Conduct -0.203118 1.519514 -0.134 0.894

L37.Water -0.021703 5.856027 -0.004 0.997

L37.Temp -1.537424 1.525463 -1.008 0.314

L37.Precip. horaria 0.002620 0.002422 1.082 0.279

L37.Temp. prom aire -0.000344 0.000264 -1.305 0.192

L38.Conduct 0.533632 1.262677 0.423 0.673

L38.Water 0.298541 4.864150 0.061 0.951

L38.Temp 0.540255 1.361860 0.397 0.692

L38.Precip. horaria 0.000896 0.002626 0.341 0.733

L38.Temp. prom aire 0.000100 0.000264 0.380 0.704

L39.Conduct -0.480692 0.875804 -0.549 0.583

L39.Water -0.102045 3.468388 -0.029 0.977

L39.Temp 0.481245 1.143509 0.421 0.674

L39.Precip. horaria -0.004738 0.002692 -1.760 0.078

L39.Temp. prom aire 0.000159 0.000260 0.612 0.541

L40.Conduct 0.149593 0.454762 0.329 0.742

L40.Water -0.404455 2.056311 -0.197 0.844

L40.Temp -1.217674 0.980392 -1.242 0.214

L40.Precip. horaria -0.000168 0.002633 -0.064 0.949

L40.Temp. prom aire -0.000279 0.000259 -1.076 0.282

L41.Conduct 0.091376 0.162171 0.563 0.573

L41.Water 0.337420 1.282232 0.263 0.792

L41.Temp 1.505567 0.935789 1.609 0.108

L41.Precip. horaria -0.002259 0.002728 -0.828 0.408

L41.Temp. prom aire -0.000169 0.000258 -0.655 0.513

L42.Conduct -0.085932 0.100268 -0.857 0.391

L42.Water 0.126133 1.169976 0.108 0.914

L42.Temp -1.378482 0.932359 -1.478 0.139

L42.Precip. horaria 0.000620 0.002886 0.215 0.830

L42.Temp. prom aire 0.000065 0.000254 0.256 0.798

L43.Conduct -0.061981 0.096875 -0.640 0.522

L43.Water 0.257569 1.141190 0.226 0.821

L43.Temp 1.001710 0.915588 1.094 0.274

L43.Precip. horaria -0.000432 0.002999 -0.144 0.885

L43.Temp. prom aire 0.000113 0.000256 0.440 0.660

L44.Conduct 0.128590 0.086534 1.486 0.137

L44.Water -1.579921 1.058110 -1.493 0.135

L44.Temp -0.571193 0.859702 -0.664 0.506

L44.Precip. horaria -0.002891 0.002898 -0.998 0.318

L44.Temp. prom aire 0.000298 0.000256 1.164 0.244

L45.Conduct 0.019836 0.078841 0.252 0.801

L45.Water 2.221415 0.904684 2.455 0.014

L45.Temp 0.222276 0.723972 0.307 0.759

L45.Precip. horaria -0.000686 0.002914 -0.236 0.814

L45.Temp. prom aire -0.000225 0.000257 -0.878 0.380

L46.Conduct -0.173912 0.069214 -2.513 0.012

L46.Water -1.502184 0.629266 -2.387 0.017

L46.Temp -0.040262 0.491625 -0.082 0.935

L46.Precip. horaria 0.003314 0.003033 1.093 0.275

L46.Temp. prom aire 0.000138 0.000257 0.538 0.590

L47.Conduct 0.136190 0.047628 2.859 0.004

L47.Water 0.510593 0.288548 1.770 0.077

L47.Temp 0.000888 0.226822 0.004 0.997

L47.Precip. horaria 0.000933 0.002933 0.318 0.750

L47.Temp. prom aire 0.000115 0.000255 0.450 0.653

L48.Conduct -0.034387 0.014609 -2.354 0.019

L48.Water -0.069784 0.061875 -1.128 0.259

L48.Temp -0.001621 0.050474 -0.032 0.974

L48.Precip. horaria 0.003677 0.002901 1.267 0.205

L48.Temp. prom aire -0.000066 0.000234 -0.282 0.778

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.057466 0.025649 -2.240 0.025

L1.Conduct 0.051976 0.132206 0.393 0.694

L1.Water -0.229387 0.462050 -0.496 0.620

L1.Temp 3.659738 0.072057 50.789 0.000

L1.Precip. horaria -0.003689 0.005035 -0.733 0.464

L1.Temp. prom aire 0.000599 0.000456 1.314 0.189

L2.Conduct -0.190072 0.583774 -0.326 0.745

L2.Water 1.072063 2.124132 0.505 0.614

L2.Temp -5.481233 0.273079 -20.072 0.000

L2.Precip. horaria 0.005548 0.005360 1.035 0.301

L2.Temp. prom aire 0.000805 0.000491 1.639 0.101

L3.Conduct 0.090221 1.222087 0.074 0.941

L3.Water -1.738197 4.595224 -0.378 0.705

L3.Temp 4.352798 0.482967 9.013 0.000

L3.Precip. horaria 0.004782 0.005252 0.911 0.363

L3.Temp. prom aire -0.000979 0.000488 -2.006 0.045

L4.Conduct 0.581024 1.724595 0.337 0.736

L4.Water 0.696942 6.620254 0.105 0.916

L4.Temp -1.822315 0.596579 -3.055 0.002

L4.Precip. horaria 0.002515 0.005338 0.471 0.637

L4.Temp. prom aire 0.000051 0.000496 0.103 0.918

L5.Conduct -1.298768 1.995114 -0.651 0.515

L5.Water 0.949291 7.741496 0.123 0.902

L5.Temp 0.089924 0.658507 0.137 0.891

L5.Precip. horaria -0.003989 0.005114 -0.780 0.435

L5.Temp. prom aire -0.000376 0.000497 -0.757 0.449

L6.Conduct 1.175934 2.115017 0.556 0.578

L6.Water -0.148600 8.250467 -0.018 0.986

L6.Temp 0.301856 0.719212 0.420 0.675

L6.Precip. horaria 0.005797 0.005321 1.089 0.276

L6.Temp. prom aire 0.000386 0.000489 0.789 0.430

L7.Conduct -0.459471 2.162839 -0.212 0.832

L7.Water -2.429420 8.465488 -0.287 0.774

L7.Temp -1.142813 0.833766 -1.371 0.170

L7.Precip. horaria 0.002305 0.005515 0.418 0.676

L7.Temp. prom aire -0.000028 0.000488 -0.058 0.954

L8.Conduct 0.521862 2.195452 0.238 0.812

L8.Water 2.003613 8.673714 0.231 0.817

L8.Temp 3.584133 1.112728 3.221 0.001

L8.Precip. horaria -0.016288 0.005594 -2.912 0.004

L8.Temp. prom aire -0.000556 0.000496 -1.120 0.263

L9.Conduct -1.562903 2.329783 -0.671 0.502

L9.Water 2.438607 9.260808 0.263 0.792

L9.Temp -4.698112 1.502468 -3.127 0.002

L9.Precip. horaria 0.005803 0.005610 1.034 0.301

L9.Temp. prom aire 0.000656 0.000503 1.306 0.192

L10.Conduct 1.869194 2.732719 0.684 0.494

L10.Water -5.107423 10.843314 -0.471 0.638

L10.Temp 2.300420 1.845387 1.247 0.213

L10.Precip. horaria 0.000007 0.005838 0.001 0.999

L10.Temp. prom aire -0.000528 0.000500 -1.056 0.291

L11.Conduct -0.286514 3.191009 -0.090 0.928

L11.Water 1.014111 12.672714 0.080 0.936

L11.Temp 1.748477 2.068128 0.845 0.398

L11.Precip. horaria 0.003590 0.005745 0.625 0.532

L11.Temp. prom aire -0.001036 0.000503 -2.060 0.039

L12.Conduct -2.127079 3.505521 -0.607 0.544

L12.Water 6.873535 13.899825 0.495 0.621

L12.Temp -4.224206 2.202209 -1.918 0.055

L12.Precip. horaria -0.003266 0.005653 -0.578 0.563

L12.Temp. prom aire 0.000002 0.000506 0.004 0.997

L13.Conduct 3.199902 3.685088 0.868 0.385

L13.Water -10.225700 14.567546 -0.702 0.483

L13.Temp 3.119814 2.301873 1.355 0.175

L13.Precip. horaria 0.001785 0.005604 0.319 0.750

L13.Temp. prom aire -0.000221 0.000502 -0.440 0.660

L14.Conduct -2.503019 3.800222 -0.659 0.510

L14.Water 6.683254 14.987821 0.446 0.656

L14.Temp -1.066706 2.431035 -0.439 0.661

L14.Precip. horaria -0.004668 0.005707 -0.818 0.413

L14.Temp. prom aire -0.000419 0.000495 -0.847 0.397

L15.Conduct 1.995700 3.805781 0.524 0.600

L15.Water -3.235047 14.979583 -0.216 0.829

L15.Temp 1.941510 2.667096 0.728 0.467

L15.Precip. horaria 0.008625 0.005580 1.546 0.122

L15.Temp. prom aire 0.000699 0.000495 1.413 0.158

L16.Conduct -2.715211 3.650535 -0.744 0.457

L16.Water 5.118237 14.306124 0.358 0.721

L16.Temp -3.690017 2.968654 -1.243 0.214

L16.Precip. horaria 0.003717 0.005773 0.644 0.520

L16.Temp. prom aire -0.000808 0.000496 -1.631 0.103

L17.Conduct 3.771779 3.534765 1.067 0.286

L17.Water -10.117062 13.819628 -0.732 0.464

L17.Temp 2.372344 3.228753 0.735 0.462

L17.Precip. horaria -0.003329 0.005534 -0.601 0.548

L17.Temp. prom aire -0.000136 0.000495 -0.274 0.784

L18.Conduct -4.051164 3.666747 -1.105 0.269

L18.Water 12.645237 14.383652 0.879 0.379

L18.Temp 1.793687 3.395634 0.528 0.597

L18.Precip. horaria -0.001197 0.005317 -0.225 0.822

L18.Temp. prom aire -0.000013 0.000498 -0.027 0.979

L19.Conduct 3.079387 3.950686 0.779 0.436

L19.Water -10.406119 15.505716 -0.671 0.502

L19.Temp -5.049176 3.484224 -1.449 0.147

L19.Precip. horaria 0.002707 0.005286 0.512 0.609

L19.Temp. prom aire -0.000057 0.000499 -0.114 0.909

L20.Conduct -2.443471 4.179388 -0.585 0.559

L20.Water 10.126208 16.397479 0.618 0.537

L20.Temp 4.329137 3.542215 1.222 0.222

L20.Precip. horaria -0.007935 0.005303 -1.496 0.135

L20.Temp. prom aire 0.000391 0.000501 0.780 0.436

L21.Conduct 4.171003 4.335669 0.962 0.336

L21.Water -19.376991 17.049702 -1.137 0.256

L21.Temp -2.322788 3.593695 -0.646 0.518

L21.Precip. horaria -0.004136 0.005076 -0.815 0.415

L21.Temp. prom aire -0.000276 0.000514 -0.538 0.591

L22.Conduct -7.147144 4.439912 -1.610 0.107

L22.Water 33.896218 17.589119 1.927 0.054

L22.Temp 3.077902 3.657913 0.841 0.400

L22.Precip. horaria 0.009812 0.005294 1.853 0.064

L22.Temp. prom aire -0.000201 0.000518 -0.389 0.697

L23.Conduct 8.902324 4.435547 2.007 0.045

L23.Water -42.449256 17.727269 -2.395 0.017

L23.Temp -5.260474 3.753105 -1.402 0.161

L23.Precip. horaria -0.005426 0.005280 -1.028 0.304

L23.Temp. prom aire -0.001018 0.000510 -1.997 0.046

L24.Conduct -8.587941 4.348252 -1.975 0.048

L24.Water 40.014289 17.479172 2.289 0.022

L24.Temp 5.523844 3.876232 1.425 0.154

L24.Precip. horaria -0.009786 0.005198 -1.883 0.060

L24.Temp. prom aire 0.000554 0.000510 1.086 0.278

L25.Conduct 7.480704 4.329768 1.728 0.084

L25.Water -32.899702 17.349577 -1.896 0.058

L25.Temp -2.533130 3.998055 -0.634 0.526

L25.Precip. horaria -0.008956 0.005217 -1.716 0.086

L25.Temp. prom aire 0.000521 0.000519 1.005 0.315

L26.Conduct -7.473318 4.435889 -1.685 0.092

L26.Water 29.437042 17.576968 1.675 0.094

L26.Temp -1.665823 4.038540 -0.412 0.680

L26.Precip. horaria 0.003779 0.004981 0.759 0.448

L26.Temp. prom aire -0.000555 0.000520 -1.067 0.286

L27.Conduct 7.383682 4.570460 1.616 0.106

L27.Water -25.990124 17.920736 -1.450 0.147

L27.Temp 3.364741 3.940480 0.854 0.393

L27.Precip. horaria -0.002260 0.004972 -0.454 0.650

L27.Temp. prom aire 0.000040 0.000516 0.078 0.938

L28.Conduct -4.704475 4.668767 -1.008 0.314

L28.Water 13.831835 18.205240 0.760 0.447

L28.Temp -3.057988 3.775085 -0.810 0.418

L28.Precip. horaria 0.004528 0.004968 0.912 0.362

L28.Temp. prom aire 0.000699 0.000511 1.369 0.171

L29.Conduct 0.316825 4.692664 0.068 0.946

L29.Water 4.609885 18.358860 0.251 0.802

L29.Temp 4.003014 3.649731 1.097 0.273

L29.Precip. horaria 0.000038 0.004929 0.008 0.994

L29.Temp. prom aire -0.000158 0.000515 -0.307 0.759

L30.Conduct 3.305193 4.589522 0.720 0.471

L30.Water -19.194313 18.105848 -1.060 0.289

L30.Temp -6.592430 3.570814 -1.846 0.065

L30.Precip. horaria -0.001521 0.004962 -0.307 0.759

L30.Temp. prom aire 0.000226 0.000518 0.437 0.662

L31.Conduct -5.000519 4.299876 -1.163 0.245

L31.Water 24.733756 17.137023 1.443 0.149

L31.Temp 8.467330 3.511836 2.411 0.016

L31.Precip. horaria 0.002465 0.004928 0.500 0.617

L31.Temp. prom aire -0.000014 0.000522 -0.027 0.979

L32.Conduct 5.436019 3.894335 1.396 0.163

L32.Water -25.399729 15.677026 -1.620 0.105

L32.Temp -7.059771 3.504933 -2.014 0.044

L32.Precip. horaria 0.002881 0.004663 0.618 0.537

L32.Temp. prom aire -0.000371 0.000520 -0.713 0.476

L33.Conduct -6.302029 3.594994 -1.753 0.080

L33.Water 27.925576 14.496001 1.926 0.054

L33.Temp 3.219323 3.534829 0.911 0.362

L33.Precip. horaria -0.005194 0.004704 -1.104 0.270

L33.Temp. prom aire -0.000026 0.000511 -0.052 0.959

L34.Conduct 7.389222 3.505278 2.108 0.035

L34.Water -31.539550 13.982550 -2.256 0.024

L34.Temp -0.615230 3.500227 -0.176 0.860

L34.Precip. horaria -0.004635 0.004647 -0.997 0.319

L34.Temp. prom aire 0.000486 0.000522 0.931 0.352

L35.Conduct -7.192802 3.486610 -2.063 0.039

L35.Water 30.684072 13.691403 2.241 0.025

L35.Temp -0.112522 3.395482 -0.033 0.974

L35.Precip. horaria 0.008428 0.004660 1.808 0.071

L35.Temp. prom aire -0.000241 0.000525 -0.460 0.646

L36.Conduct 5.810256 3.366672 1.726 0.084

L36.Water -24.303939 13.074621 -1.859 0.063

L36.Temp 1.010746 3.274302 0.309 0.758

L36.Precip. horaria -0.022382 0.004661 -4.802 0.000

L36.Temp. prom aire -0.000049 0.000531 -0.092 0.927

L37.Conduct -4.105405 3.079855 -1.333 0.183

L37.Water 16.024724 11.869400 1.350 0.177

L37.Temp -2.759545 3.091913 -0.893 0.372

L37.Precip. horaria 0.027779 0.004909 5.658 0.000

L37.Temp. prom aire -0.000371 0.000535 -0.694 0.488

L38.Conduct 2.596262 2.559281 1.014 0.310

L38.Water -9.046823 9.858994 -0.918 0.359

L38.Temp 4.365825 2.760311 1.582 0.114

L38.Precip. horaria -0.020749 0.005322 -3.898 0.000

L38.Temp. prom aire 0.000395 0.000535 0.738 0.460

L39.Conduct -1.418815 1.775141 -0.799 0.424

L39.Water 3.385756 7.029969 0.482 0.630

L39.Temp -4.223387 2.317742 -1.822 0.068

L39.Precip. horaria -0.011150 0.005457 -2.043 0.041

L39.Temp. prom aire 0.000069 0.000527 0.131 0.895

L40.Conduct 0.397676 0.921743 0.431 0.666

L40.Water 1.901718 4.167874 0.456 0.648

L40.Temp 2.395505 1.987126 1.206 0.228

L40.Precip. horaria 0.018220 0.005337 3.414 0.001

L40.Temp. prom aire -0.000361 0.000526 -0.687 0.492

L41.Conduct 0.206088 0.328700 0.627 0.531

L41.Water -5.413428 2.598916 -2.083 0.037

L41.Temp -0.952619 1.896721 -0.502 0.615

L41.Precip. horaria -0.017055 0.005529 -3.085 0.002

L41.Temp. prom aire -0.000050 0.000522 -0.095 0.924

L42.Conduct -0.294843 0.203231 -1.451 0.147

L42.Water 5.796785 2.371388 2.444 0.015

L42.Temp 0.806825 1.889769 0.427 0.669

L42.Precip. horaria 0.004186 0.005849 0.716 0.474

L42.Temp. prom aire -0.000411 0.000515 -0.799 0.424

L43.Conduct 0.315168 0.196353 1.605 0.108

L43.Water -4.202888 2.313043 -1.817 0.069

L43.Temp -1.178635 1.855778 -0.635 0.525

L43.Precip. horaria -0.002462 0.006079 -0.405 0.685

L43.Temp. prom aire 0.000212 0.000520 0.407 0.684

L44.Conduct -0.283110 0.175392 -1.614 0.106

L44.Water 2.265790 2.144651 1.056 0.291

L44.Temp 1.170571 1.742504 0.672 0.502

L44.Precip. horaria -0.004245 0.005873 -0.723 0.470

L44.Temp. prom aire 0.000031 0.000519 0.060 0.952

L45.Conduct 0.091052 0.159800 0.570 0.569

L45.Water -0.859073 1.833676 -0.468 0.639

L45.Temp -0.490071 1.467396 -0.334 0.738

L45.Precip. horaria -0.003881 0.005907 -0.657 0.511

L45.Temp. prom aire 0.000244 0.000520 0.468 0.640

L46.Conduct 0.025902 0.140287 0.185 0.854

L46.Water 0.242439 1.275440 0.190 0.849

L46.Temp -0.152965 0.996460 -0.154 0.878

L46.Precip. horaria -0.011219 0.006148 -1.825 0.068

L46.Temp. prom aire -0.000343 0.000520 -0.660 0.509

L47.Conduct -0.013269 0.096536 -0.137 0.891

L47.Water -0.074915 0.584850 -0.128 0.898

L47.Temp 0.196669 0.459739 0.428 0.669

L47.Precip. horaria 0.006967 0.005945 1.172 0.241

L47.Temp. prom aire 0.000841 0.000517 1.626 0.104

L48.Conduct -0.001498 0.029610 -0.051 0.960

L48.Water 0.016786 0.125413 0.134 0.894

L48.Temp -0.041902 0.102304 -0.410 0.682

L48.Precip. horaria -0.009120 0.005880 -1.551 0.121

L48.Temp. prom aire -0.000057 0.000474 -0.121 0.904

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.083539 0.368009 -0.227 0.820

L1.Conduct 7.622398 1.896861 4.018 0.000

L1.Water -31.488974 6.629365 -4.750 0.000

L1.Temp 0.044344 1.033861 0.043 0.966

L1.Precip. horaria 0.194726 0.072244 2.695 0.007

L1.Temp. prom aire -0.007422 0.006543 -1.134 0.257

L2.Conduct -32.585146 8.375825 -3.890 0.000

L2.Water 143.936582 30.476467 4.723 0.000

L2.Temp -3.017824 3.918059 -0.770 0.441

L2.Precip. horaria 0.041847 0.076900 0.544 0.586

L2.Temp. prom aire 0.007091 0.007045 1.007 0.314

L3.Conduct 70.589030 17.534167 4.026 0.000

L3.Water -321.346775 65.931018 -4.874 0.000

L3.Temp 13.462922 6.929476 1.943 0.052

L3.Precip. horaria 0.161769 0.075358 2.147 0.032

L3.Temp. prom aire -0.007016 0.007000 -1.002 0.316

L4.Conduct -102.224231 24.744020 -4.131 0.000

L4.Water 467.082049 94.985593 4.917 0.000

L4.Temp -29.139290 8.559549 -3.404 0.001

L4.Precip. horaria -0.137224 0.076587 -1.792 0.073

L4.Temp. prom aire 0.004617 0.007118 0.649 0.517

L5.Conduct 92.372404 28.625347 3.227 0.001

L5.Water -432.778853 111.072858 -3.896 0.000

L5.Temp 41.283435 9.448085 4.370 0.000

L5.Precip. horaria 0.049308 0.073372 0.672 0.502

L5.Temp. prom aire -0.002370 0.007128 -0.332 0.740

L6.Conduct -31.093004 30.345686 -1.025 0.306

L6.Water 175.229009 118.375438 1.480 0.139

L6.Temp -41.681873 10.319064 -4.039 0.000

L6.Precip. horaria -0.257899 0.076344 -3.378 0.001

L6.Temp. prom aire -0.009223 0.007010 -1.316 0.188

L7.Conduct -32.824163 31.031825 -1.058 0.290

L7.Water 108.267929 121.460507 0.891 0.373

L7.Temp 28.627036 11.962649 2.393 0.017

L7.Precip. horaria 0.286995 0.079128 3.627 0.000

L7.Temp. prom aire 0.009467 0.007000 1.352 0.176

L8.Conduct 54.603350 31.499747 1.733 0.083

L8.Water -215.141970 124.448074 -1.729 0.084

L8.Temp -7.568857 15.965112 -0.474 0.635

L8.Precip. horaria 0.058233 0.080264 0.726 0.468

L8.Temp. prom aire 0.006885 0.007119 0.967 0.333

L9.Conduct -31.754107 33.427087 -0.950 0.342

L9.Water 131.694241 132.871532 0.991 0.322

L9.Temp -19.226830 21.557002 -0.892 0.372

L9.Precip. horaria -0.013741 0.080485 -0.171 0.864

L9.Temp. prom aire 0.006401 0.007214 0.887 0.375

L10.Conduct -16.094058 39.208301 -0.410 0.681

L10.Water 51.436786 155.576895 0.331 0.741

L10.Temp 53.632853 26.477113 2.026 0.043

L10.Precip. horaria -0.144369 0.083758 -1.724 0.085

L10.Temp. prom aire 0.000508 0.007178 0.071 0.944

L11.Conduct 56.789562 45.783718 1.240 0.215

L11.Water -215.814872 181.824628 -1.187 0.235

L11.Temp -89.893813 29.672932 -3.029 0.002

L11.Precip. horaria -0.062067 0.082423 -0.753 0.451

L11.Temp. prom aire -0.009177 0.007216 -1.272 0.203

L12.Conduct -75.251910 50.296257 -1.496 0.135

L12.Water 304.953274 199.430885 1.529 0.126

L12.Temp 114.802446 31.596687 3.633 0.000

L12.Precip. horaria -0.043419 0.081107 -0.535 0.592

L12.Temp. prom aire 0.001710 0.007262 0.235 0.814

L13.Conduct 74.346770 52.872630 1.406 0.160

L13.Water -322.397111 209.011160 -1.542 0.123

L13.Temp -117.795767 33.026651 -3.567 0.000

L13.Precip. horaria 0.279996 0.080408 3.482 0.000

L13.Temp. prom aire 0.005626 0.007205 0.781 0.435

L14.Conduct -52.978096 54.524552 -0.972 0.331

L14.Water 255.787866 215.041148 1.189 0.234

L14.Temp 97.902209 34.879824 2.807 0.005

L14.Precip. horaria 0.087821 0.081879 1.073 0.283

L14.Temp. prom aire -0.005807 0.007101 -0.818 0.413

L15.Conduct 18.676266 54.604301 0.342 0.732

L15.Water -112.413496 214.922960 -0.523 0.601

L15.Temp -61.894774 38.266767 -1.617 0.106

L15.Precip. horaria -0.215624 0.080064 -2.693 0.007

L15.Temp. prom aire -0.009367 0.007099 -1.319 0.187

L16.Conduct 26.853590 52.376883 0.513 0.608

L16.Water -97.682384 205.260345 -0.476 0.634

L16.Temp 16.785583 42.593440 0.394 0.694

L16.Precip. horaria -0.068481 0.082831 -0.827 0.408

L16.Temp. prom aire 0.000872 0.007110 0.123 0.902

L17.Conduct -79.668102 50.715846 -1.571 0.116

L17.Water 328.503588 198.280239 1.657 0.098

L17.Temp 32.566209 46.325267 0.703 0.482

L17.Precip. horaria -0.113317 0.079401 -1.427 0.154

L17.Temp. prom aire 0.005744 0.007102 0.809 0.419

L18.Conduct 111.160528 52.609488 2.113 0.035

L18.Water -463.530869 206.372707 -2.246 0.025

L18.Temp -81.084440 48.719622 -1.664 0.096

L18.Precip. horaria 0.027211 0.076286 0.357 0.721

L18.Temp. prom aire 0.003379 0.007145 0.473 0.636

L19.Conduct -114.072311 56.683368 -2.012 0.044

L19.Water 480.322078 222.471772 2.159 0.031

L19.Temp 121.910006 49.990685 2.439 0.015

L19.Precip. horaria -0.055298 0.075841 -0.729 0.466

L19.Temp. prom aire 0.001804 0.007158 0.252 0.801

L20.Conduct 101.689202 59.964714 1.696 0.090

L20.Water -436.392696 235.266541 -1.855 0.064

L20.Temp -147.066901 50.822737 -2.894 0.004

L20.Precip. horaria -0.107384 0.076081 -1.411 0.158

L20.Temp. prom aire 0.009346 0.007188 1.300 0.193

L21.Conduct -75.086605 62.206985 -1.207 0.227

L21.Water 343.026975 244.624449 1.402 0.161

L21.Temp 155.050697 51.561348 3.007 0.003

L21.Precip. horaria -0.175264 0.072828 -2.407 0.016

L21.Temp. prom aire 0.008535 0.007369 1.158 0.247

L22.Conduct 41.908014 63.702645 0.658 0.511

L22.Water -212.420400 252.363857 -0.842 0.400

L22.Temp -153.325231 52.482735 -2.921 0.003

L22.Precip. horaria -0.045179 0.075960 -0.595 0.552

L22.Temp. prom aire -0.007315 0.007426 -0.985 0.325

L23.Conduct -4.700600 63.640008 -0.074 0.941

L23.Water 49.031686 254.346002 0.193 0.847

L23.Temp 142.699718 53.848518 2.650 0.008

L23.Precip. horaria 0.113912 0.075758 1.504 0.133

L23.Temp. prom aire -0.004291 0.007314 -0.587 0.557

L24.Conduct -49.485397 62.387535 -0.793 0.428

L24.Water 172.385130 250.786375 0.687 0.492

L24.Temp -110.642514 55.615113 -1.989 0.047

L24.Precip. horaria 0.067881 0.074576 0.910 0.363

L24.Temp. prom aire 0.006125 0.007316 0.837 0.402

L25.Conduct 115.811572 62.122323 1.864 0.062

L25.Water -434.891237 248.926979 -1.747 0.081

L25.Temp 50.879141 57.362993 0.887 0.375

L25.Precip. horaria -0.160814 0.074859 -2.148 0.032

L25.Temp. prom aire -0.008004 0.007443 -1.075 0.282

L26.Conduct -174.570501 63.644914 -2.743 0.006

L26.Water 673.202933 252.189519 2.669 0.008

L26.Temp 20.856813 57.943865 0.360 0.719

L26.Precip. horaria 0.009640 0.071466 0.135 0.893

L26.Temp. prom aire 0.002904 0.007457 0.389 0.697

L27.Conduct 208.810000 65.575702 3.184 0.001

L27.Water -820.405093 257.121808 -3.191 0.001

L27.Temp -80.789926 56.536932 -1.429 0.153

L27.Precip. horaria -0.075771 0.071339 -1.062 0.288

L27.Temp. prom aire -0.000138 0.007397 -0.019 0.985

L28.Conduct -207.889104 66.986189 -3.103 0.002

L28.Water 842.402903 261.203796 3.225 0.001

L28.Temp 122.689921 54.163888 2.265 0.024

L28.Precip. horaria -0.011055 0.071273 -0.155 0.877

L28.Temp. prom aire 0.016489 0.007325 2.251 0.024

L29.Conduct 180.616076 67.329053 2.683 0.007

L29.Water -752.398320 263.407901 -2.856 0.004

L29.Temp -153.694154 52.365334 -2.935 0.003

L29.Precip. horaria 0.065423 0.070717 0.925 0.355

L29.Temp. prom aire -0.002423 0.007383 -0.328 0.743

L30.Conduct -138.424926 65.849209 -2.102 0.036

L30.Water 576.926799 259.777743 2.221 0.026

L30.Temp 167.545403 51.233065 3.270 0.001

L30.Precip. horaria 0.010108 0.071199 0.142 0.887

L30.Temp. prom aire -0.010439 0.007437 -1.404 0.160

L31.Conduct 78.648789 61.693439 1.275 0.202

L31.Water -332.550543 245.877310 -1.353 0.176

L31.Temp -148.740192 50.386856 -2.952 0.003

L31.Precip. horaria -0.147381 0.070699 -2.085 0.037

L31.Temp. prom aire 0.006041 0.007490 0.807 0.420

L32.Conduct -5.570588 55.874857 -0.100 0.921

L32.Water 48.485561 224.929677 0.216 0.829

L32.Temp 98.419313 50.287822 1.957 0.050

L32.Precip. horaria 0.068456 0.066905 1.023 0.306

L32.Temp. prom aire 0.013110 0.007468 1.756 0.079

L33.Conduct -66.622427 51.579984 -1.292 0.196

L33.Water 226.931830 207.984656 1.091 0.275

L33.Temp -37.219967 50.716757 -0.734 0.463

L33.Precip. horaria 0.029667 0.067490 0.440 0.660

L33.Temp. prom aire -0.008756 0.007325 -1.195 0.232

L34.Conduct 116.370935 50.292772 2.314 0.021

L34.Water -423.744387 200.617803 -2.112 0.035

L34.Temp -12.377251 50.220292 -0.246 0.805

L34.Precip. horaria 0.006412 0.066679 0.096 0.923

L34.Temp. prom aire 0.007158 0.007495 0.955 0.340

L35.Conduct -119.906834 50.024930 -2.397 0.017

L35.Water 470.114512 196.440504 2.393 0.017

L35.Temp 44.947845 48.717452 0.923 0.356

L35.Precip. horaria -0.049945 0.066862 -0.747 0.455

L35.Temp. prom aire -0.009638 0.007532 -1.280 0.201

L36.Conduct 86.687486 48.304092 1.795 0.073

L36.Water -382.777473 187.591084 -2.040 0.041

L36.Temp -70.860609 46.978782 -1.508 0.131

L36.Precip. horaria 0.010951 0.066875 0.164 0.870

L36.Temp. prom aire -0.004033 0.007626 -0.529 0.597

L37.Conduct -52.672892 44.188922 -1.192 0.233

L37.Water 265.587609 170.298908 1.560 0.119

L37.Temp 93.083104 44.361927 2.098 0.036

L37.Precip. horaria -0.091527 0.070440 -1.299 0.194

L37.Temp. prom aire 0.013573 0.007677 1.768 0.077

L38.Conduct 33.446749 36.719856 0.911 0.362

L38.Water -177.955625 141.454151 -1.258 0.208

L38.Temp -100.601230 39.604186 -2.540 0.011

L38.Precip. horaria -0.005644 0.076364 -0.074 0.941

L38.Temp. prom aire -0.000788 0.007674 -0.103 0.918

L39.Conduct -23.204943 25.469230 -0.911 0.362

L39.Water 111.787919 100.864072 1.108 0.268

L39.Temp 86.004649 33.254332 2.586 0.010

L39.Precip. horaria 0.066188 0.078291 0.845 0.398

L39.Temp. prom aire 0.002169 0.007557 0.287 0.774

L40.Conduct 13.848268 13.224920 1.047 0.295

L40.Water -58.787462 59.799516 -0.983 0.326

L40.Temp -57.523080 28.510740 -2.018 0.044

L40.Precip. horaria -0.025688 0.076571 -0.335 0.737

L40.Temp. prom aire -0.005644 0.007541 -0.748 0.454

L41.Conduct -1.882553 4.716091 -0.399 0.690

L41.Water 17.229095 37.288535 0.462 0.644

L41.Temp 31.595731 27.213638 1.161 0.246

L41.Precip. horaria 0.028001 0.079329 0.353 0.724

L41.Temp. prom aire 0.001643 0.007492 0.219 0.826

L42.Conduct -6.711722 2.915896 -2.302 0.021

L42.Water 8.523202 34.024025 0.251 0.802

L42.Temp -14.180038 27.113891 -0.523 0.601

L42.Precip. horaria 0.180871 0.083923 2.155 0.031

L42.Temp. prom aire 0.006859 0.007383 0.929 0.353

L43.Conduct 8.329793 2.817215 2.957 0.003

L43.Water -13.972649 33.186903 -0.421 0.674

L43.Temp -1.112365 26.626190 -0.042 0.967

L43.Precip. horaria -0.023205 0.087221 -0.266 0.790

L43.Temp. prom aire 0.000418 0.007456 0.056 0.955

L44.Conduct -7.090007 2.516481 -2.817 0.005

L44.Water 10.811875 30.770866 0.351 0.725

L44.Temp 14.187879 25.000973 0.567 0.570

L44.Precip. horaria 0.059003 0.084270 0.700 0.484

L44.Temp. prom aire 0.000819 0.007440 0.110 0.912

L45.Conduct 4.574498 2.292770 1.995 0.046

L45.Water -7.673811 26.309082 -0.292 0.771

L45.Temp -17.649125 21.053793 -0.838 0.402

L45.Precip. horaria -0.026304 0.084755 -0.310 0.756

L45.Temp. prom aire -0.007595 0.007464 -1.018 0.309

L46.Conduct -1.312334 2.012805 -0.652 0.514

L46.Water 2.492019 18.299664 0.136 0.892

L46.Temp 12.014216 14.296934 0.840 0.401

L46.Precip. horaria 0.041072 0.088203 0.466 0.641

L46.Temp. prom aire 0.003478 0.007464 0.466 0.641

L47.Conduct -0.171988 1.385070 -0.124 0.901

L47.Water 1.138391 8.391263 0.136 0.892

L47.Temp -4.790848 6.596208 -0.726 0.468

L47.Precip. horaria -0.031179 0.085291 -0.366 0.715

L47.Temp. prom aire 0.002950 0.007417 0.398 0.691

L48.Conduct 0.077325 0.424843 0.182 0.856

L48.Water -0.699712 1.799398 -0.389 0.697

L48.Temp 0.866219 1.467833 0.590 0.555

L48.Precip. horaria 0.130853 0.084365 1.551 0.121

L48.Temp. prom aire -0.001259 0.006805 -0.185 0.853

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -0.034393 3.971279 -0.009 0.993

L1.Conduct 10.073077 20.469500 0.492 0.623

L1.Water -41.421650 71.539113 -0.579 0.563

L1.Temp 9.960861 11.156645 0.893 0.372

L1.Precip. horaria -0.133019 0.779607 -0.171 0.865

L1.Temp. prom aire 0.365675 0.070604 5.179 0.000

L2.Conduct -19.854604 90.385597 -0.220 0.826

L2.Water 95.950320 328.879083 0.292 0.770

L2.Temp -33.632921 42.280744 -0.795 0.426

L2.Precip. horaria -0.658470 0.829843 -0.793 0.427

L2.Temp. prom aire 0.111840 0.076019 1.471 0.141

L3.Conduct -9.430664 189.215531 -0.050 0.960

L3.Water -1.920410 711.477898 -0.003 0.998

L3.Temp 34.001821 74.777688 0.455 0.649

L3.Precip. horaria 0.156086 0.813207 0.192 0.848

L3.Temp. prom aire -0.036899 0.075537 -0.488 0.625

L4.Conduct 53.524586 267.018835 0.200 0.841

L4.Water -135.194131 1025.012996 -0.132 0.895

L4.Temp 57.506605 92.368209 0.623 0.534

L4.Precip. horaria -0.368360 0.826472 -0.446 0.656

L4.Temp. prom aire 0.055526 0.076815 0.723 0.470

L5.Conduct -15.889303 308.903193 -0.051 0.959

L5.Water -82.943793 1198.614646 -0.069 0.945

L5.Temp -207.177848 101.956619 -2.032 0.042

L5.Precip. horaria -0.485434 0.791772 -0.613 0.540

L5.Temp. prom aire -0.003543 0.076924 -0.046 0.963

L6.Conduct -131.565174 327.467792 -0.402 0.688

L6.Water 676.431444 1277.418589 0.530 0.596

L6.Temp 234.815211 111.355565 2.109 0.035

L6.Precip. horaria 0.466954 0.823852 0.567 0.571

L6.Temp. prom aire -0.095966 0.075642 -1.269 0.205

L7.Conduct 287.791661 334.872094 0.859 0.390

L7.Water -1189.097084 1310.710338 -0.907 0.364

L7.Temp -87.671537 129.091902 -0.679 0.497

L7.Precip. horaria -0.047948 0.853887 -0.056 0.955

L7.Temp. prom aire 0.259167 0.075540 3.431 0.001

L8.Conduct -355.468606 339.921553 -1.046 0.296

L8.Water 1331.788662 1342.949912 0.992 0.321

L8.Temp -26.675998 172.283468 -0.155 0.877

L8.Precip. horaria -0.544064 0.866149 -0.628 0.530

L8.Temp. prom aire -0.080968 0.076822 -1.054 0.292

L9.Conduct 325.376979 360.719957 0.902 0.367

L9.Water -1179.564023 1433.849529 -0.823 0.411

L9.Temp -35.069728 232.626935 -0.151 0.880

L9.Precip. horaria -0.394702 0.868529 -0.454 0.650

L9.Temp. prom aire -0.111260 0.077844 -1.429 0.153

L10.Conduct -221.526480 423.106459 -0.524 0.601

L10.Water 846.565587 1678.868710 0.504 0.614

L10.Temp 151.492858 285.721070 0.530 0.596

L10.Precip. horaria 0.342204 0.903856 0.379 0.705

L10.Temp. prom aire -0.059444 0.077460 -0.767 0.443

L11.Conduct 87.628209 494.063416 0.177 0.859

L11.Water -391.126825 1962.114476 -0.199 0.842

L11.Temp -153.932037 320.207940 -0.481 0.631

L11.Precip. horaria 1.656913 0.889446 1.863 0.062

L11.Temp. prom aire -0.025457 0.077870 -0.327 0.744

L12.Conduct 30.034372 542.759335 0.055 0.956

L12.Water -98.860734 2152.107943 -0.046 0.963

L12.Temp 10.157375 340.967653 0.030 0.976

L12.Precip. horaria 0.351366 0.875247 0.401 0.688

L12.Temp. prom aire 0.007149 0.078364 0.091 0.927

L13.Conduct -140.106353 570.561607 -0.246 0.806

L13.Water 595.661990 2255.491057 0.264 0.792

L13.Temp 173.372273 356.398744 0.486 0.627

L13.Precip. horaria -1.307301 0.867706 -1.507 0.132

L13.Temp. prom aire 0.077059 0.077754 0.991 0.322

L14.Conduct 272.963503 588.387905 0.464 0.643

L14.Water -1140.810631 2320.562154 -0.492 0.623

L14.Temp -235.701570 376.396800 -0.626 0.531

L14.Precip. horaria -0.470933 0.883579 -0.533 0.594

L14.Temp. prom aire 0.035976 0.076627 0.469 0.639

L15.Conduct -405.992356 589.248506 -0.689 0.491

L15.Water 1614.934945 2319.286752 0.696 0.486

L15.Temp 148.056724 412.946136 0.359 0.720

L15.Precip. horaria -0.054150 0.863995 -0.063 0.950

L15.Temp. prom aire -0.080084 0.076608 -1.045 0.296

L16.Conduct 477.579083 565.211880 0.845 0.398

L16.Water -1851.522368 2215.015087 -0.836 0.403

L16.Temp -63.723877 459.636334 -0.139 0.890

L16.Precip. horaria 0.419535 0.893848 0.469 0.639

L16.Temp. prom aire -0.025263 0.076723 -0.329 0.742

L17.Conduct -477.144349 547.287227 -0.872 0.383

L17.Water 1950.678373 2139.691042 0.912 0.362

L17.Temp 84.511682 499.907401 0.169 0.866

L17.Precip. horaria 0.210016 0.856841 0.245 0.806

L17.Temp. prom aire 0.166454 0.076636 2.172 0.030

L18.Conduct 466.479781 567.721984 0.822 0.411

L18.Water -1995.317962 2227.018858 -0.896 0.370

L18.Temp -66.874175 525.745472 -0.127 0.899

L18.Precip. horaria 0.438985 0.823226 0.533 0.594

L18.Temp. prom aire -0.042007 0.077103 -0.545 0.586

L19.Conduct -475.607884 611.684226 -0.778 0.437

L19.Water 1823.572190 2400.747851 0.760 0.448

L19.Temp -174.948789 539.461835 -0.324 0.746

L19.Precip. horaria -0.686312 0.818414 -0.839 0.402

L19.Temp. prom aire -0.082025 0.077241 -1.062 0.288

L20.Conduct 449.655348 647.094042 0.695 0.487

L20.Water -1360.129289 2538.819365 -0.536 0.592

L20.Temp 480.777034 548.440712 0.877 0.381

L20.Precip. horaria -0.497635 0.821004 -0.606 0.544

L20.Temp. prom aire -0.062410 0.077563 -0.805 0.421

L21.Conduct -339.448733 671.290942 -0.506 0.613

L21.Water 730.835124 2639.802861 0.277 0.782

L21.Temp -486.473638 556.411242 -0.874 0.382

L21.Precip. horaria 0.562009 0.785902 0.715 0.475

L21.Temp. prom aire 0.150803 0.079517 1.896 0.058

L22.Conduct 163.932882 687.430984 0.238 0.812

L22.Water -61.480810 2723.320719 -0.023 0.982

L22.Temp 200.151906 566.354160 0.353 0.724

L22.Precip. horaria 1.017322 0.819705 1.241 0.215

L22.Temp. prom aire -0.048841 0.080133 -0.609 0.542

L23.Conduct 16.091673 686.755049 0.023 0.981

L23.Water -582.032745 2744.710537 -0.212 0.832

L23.Temp 14.984145 581.092656 0.026 0.979

L23.Precip. horaria -0.297630 0.817519 -0.364 0.716

L23.Temp. prom aire 0.033048 0.078927 0.419 0.675

L24.Conduct -133.442000 673.239301 -0.198 0.843

L24.Water 1014.780118 2706.297729 0.375 0.708

L24.Temp 29.872627 600.156419 0.050 0.960

L24.Precip. horaria 0.455704 0.804770 0.566 0.571

L24.Temp. prom aire -0.130337 0.078945 -1.651 0.099

L25.Conduct 150.227990 670.377330 0.224 0.823

L25.Water -906.622401 2686.232519 -0.338 0.736

L25.Temp -157.602572 619.018226 -0.255 0.799

L25.Precip. horaria -0.842203 0.807817 -1.043 0.297

L25.Temp. prom aire 0.043368 0.080319 0.540 0.589

L26.Conduct -71.876585 686.807987 -0.105 0.917

L26.Water 166.594265 2721.439403 0.061 0.951

L26.Temp 81.868145 625.286556 0.131 0.896

L26.Precip. horaria 0.566869 0.771209 0.735 0.462

L26.Temp. prom aire -0.043719 0.080465 -0.543 0.587

L27.Conduct -37.902306 707.643594 -0.054 0.957

L27.Water 767.660723 2774.664946 0.277 0.782

L27.Temp 188.380202 610.103997 0.309 0.757

L27.Precip. horaria 0.396758 0.769834 0.515 0.606

L27.Temp. prom aire 0.061820 0.079823 0.774 0.439

L28.Conduct 103.924005 722.864513 0.144 0.886

L28.Water -1317.746928 2818.714692 -0.467 0.640

L28.Temp -334.583656 584.495891 -0.572 0.567

L28.Precip. horaria -0.948444 0.769121 -1.233 0.218

L28.Temp. prom aire -0.106419 0.079051 -1.346 0.178

L29.Conduct -122.203357 726.564443 -0.168 0.866

L29.Water 1334.169657 2842.499732 0.469 0.639

L29.Temp 195.246062 565.087256 0.346 0.730

L29.Precip. horaria -0.424224 0.763120 -0.556 0.578

L29.Temp. prom aire -0.044616 0.079676 -0.560 0.575

L30.Conduct 89.438542 710.595079 0.126 0.900

L30.Water -990.159709 2803.325793 -0.353 0.724

L30.Temp 16.006422 552.868664 0.029 0.977

L30.Precip. horaria 0.219624 0.768328 0.286 0.775

L30.Temp. prom aire 0.003084 0.080249 0.038 0.969

L31.Conduct 12.805297 665.749140 0.019 0.985

L31.Water 489.193116 2653.322794 0.184 0.854

L31.Temp -14.026789 543.737009 -0.026 0.979

L31.Precip. horaria -0.934001 0.762935 -1.224 0.221

L31.Temp. prom aire 0.055513 0.080829 0.687 0.492

L32.Conduct -89.732840 602.959389 -0.149 0.882

L32.Water -136.414312 2427.271710 -0.056 0.955

L32.Temp -149.208720 542.668315 -0.275 0.783

L32.Precip. horaria 0.958031 0.721984 1.327 0.185

L32.Temp. prom aire -0.099510 0.080584 -1.235 0.217

L33.Conduct 9.994359 556.612353 0.018 0.986

L33.Water 266.674515 2244.413806 0.119 0.905

L33.Temp 147.003663 547.297057 0.269 0.788

L33.Precip. horaria 0.643865 0.728301 0.884 0.377

L33.Temp. prom aire 0.208658 0.079042 2.640 0.008

L34.Conduct 193.652239 542.721724 0.357 0.721

L34.Water -846.948781 2164.916266 -0.391 0.696

L34.Temp 76.976563 541.939580 0.142 0.887

L34.Precip. horaria -0.923594 0.719550 -1.284 0.199

L34.Temp. prom aire -0.071435 0.080883 -0.883 0.377

L35.Conduct -360.232261 539.831372 -0.667 0.505

L35.Water 1370.480682 2119.838010 0.647 0.518

L35.Temp -202.924832 525.722060 -0.386 0.700

L35.Precip. horaria -1.015761 0.721520 -1.408 0.159

L35.Temp. prom aire -0.081449 0.081276 -1.002 0.316

L36.Conduct 395.884738 521.261393 0.759 0.448

L36.Water -1393.205792 2024.341726 -0.688 0.491

L36.Temp 55.468221 506.959641 0.109 0.913

L36.Precip. horaria 0.803376 0.721667 1.113 0.266

L36.Temp. prom aire 0.225530 0.082292 2.741 0.006

L37.Conduct -333.252086 476.853575 -0.699 0.485

L37.Water 926.689259 1837.737586 0.504 0.614

L37.Temp 168.894578 478.720509 0.353 0.724

L37.Precip. horaria -0.201947 0.760132 -0.266 0.790

L37.Temp. prom aire -0.101221 0.082849 -1.222 0.222

L38.Conduct 234.903191 396.253035 0.593 0.553

L38.Water -215.567700 1526.466692 -0.141 0.888

L38.Temp -229.149214 427.378552 -0.536 0.592

L38.Precip. horaria 0.720499 0.824063 0.874 0.382

L38.Temp. prom aire -0.039967 0.082813 -0.483 0.629

L39.Conduct -136.783709 274.844757 -0.498 0.619

L39.Water -422.567168 1088.449118 -0.388 0.698

L39.Temp 145.804857 358.855707 0.406 0.685

L39.Precip. horaria -0.682158 0.844862 -0.807 0.419

L39.Temp. prom aire -0.014222 0.081545 -0.174 0.862

L40.Conduct 62.075608 142.713384 0.435 0.664

L40.Water 687.913430 645.311351 1.066 0.286

L40.Temp -93.502546 307.666435 -0.304 0.761

L40.Precip. horaria 1.088283 0.826296 1.317 0.188

L40.Temp. prom aire -0.002157 0.081377 -0.027 0.979

L41.Conduct -15.810142 50.892505 -0.311 0.756

L41.Water -589.021280 402.389794 -1.464 0.143

L41.Temp 106.951273 293.669091 0.364 0.716

L41.Precip. horaria -0.738256 0.856055 -0.862 0.388

L41.Temp. prom aire 0.146124 0.080851 1.807 0.071

L42.Conduct -10.163645 31.466154 -0.323 0.747

L42.Water 382.888476 367.161663 1.043 0.297

L42.Temp -74.138100 292.592695 -0.253 0.800

L42.Precip. horaria 0.833877 0.905634 0.921 0.357

L42.Temp. prom aire -0.094921 0.079676 -1.191 0.234

L43.Conduct 7.089409 30.401263 0.233 0.816

L43.Water -172.061203 358.128067 -0.480 0.631

L43.Temp -53.330114 287.329794 -0.186 0.853

L43.Precip. horaria -0.493357 0.941224 -0.524 0.600

L43.Temp. prom aire -0.012662 0.080459 -0.157 0.875

L44.Conduct 23.600750 27.155971 0.869 0.385

L44.Water -109.157823 332.056018 -0.329 0.742

L44.Temp 190.185103 269.791677 0.705 0.481

L44.Precip. horaria -0.061107 0.909377 -0.067 0.946

L44.Temp. prom aire 0.071113 0.080288 0.886 0.376

L45.Conduct -34.847817 24.741845 -1.408 0.159

L45.Water 358.520573 283.907805 1.263 0.207

L45.Temp -231.530793 227.196682 -1.019 0.308

L45.Precip. horaria -0.126485 0.914613 -0.138 0.890

L45.Temp. prom aire 0.028910 0.080550 0.359 0.720

L46.Conduct 8.287264 21.720677 0.382 0.703

L46.Water -367.876847 197.476195 -1.863 0.062

L46.Temp 168.357553 154.281742 1.091 0.275

L46.Precip. horaria -0.391266 0.951823 -0.411 0.681

L46.Temp. prom aire -0.066624 0.080544 -0.827 0.408

L47.Conduct 10.841358 14.946635 0.725 0.468

L47.Water 184.539326 90.552188 2.038 0.042

L47.Temp -72.610795 71.181308 -1.020 0.308

L47.Precip. horaria 1.610926 0.920392 1.750 0.080

L47.Temp. prom aire -0.058628 0.080039 -0.732 0.464

L48.Conduct -5.569747 4.584587 -1.215 0.224

L48.Water -37.677483 19.417752 -1.940 0.052

L48.Temp 14.067758 15.839749 0.888 0.374

L48.Precip. horaria 1.756151 0.910399 1.929 0.054

L48.Temp. prom aire -0.076488 0.073436 -1.042 0.298

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.950445 0.109728 0.050030 -0.020861

Water 0.950445 1.000000 0.071503 -0.021226 -0.041136

Temp 0.109728 0.071503 1.000000 0.135464 -0.092966

Precip. horaria 0.050030 -0.021226 0.135464 1.000000 0.130005

Temp. prom aire -0.020861 -0.041136 -0.092966 0.130005 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -18.0769

Nobs: 440.000 HQIC: -24.8538

Log likelihood: 4522.54 FPE: 3.81336e-13

AIC: -29.2691 Det(Omega\_mle): 4.29374e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.207605 0.085804 2.420 0.016

L1.Conduct 4.625860 0.114484 40.406 0.000

L1.Water -1.431583 0.819870 -1.746 0.081

L1.Temp -0.682011 0.455632 -1.497 0.134

L1.Precip. horaria -0.015813 0.018412 -0.859 0.390

L1.Temp. prom aire 0.000040 0.001621 0.025 0.980

L2.Conduct -9.501574 0.522112 -18.198 0.000

L2.Water 6.570579 3.648272 1.801 0.072

L2.Temp 3.017300 1.902195 1.586 0.113

L2.Precip. horaria 0.015532 0.017368 0.894 0.371

L2.Temp. prom aire 0.000608 0.001715 0.354 0.723

L3.Conduct 11.820931 1.135357 10.412 0.000

L3.Water -14.509339 7.586733 -1.912 0.056

L3.Temp -6.417105 3.754050 -1.709 0.087

L3.Precip. horaria -0.013164 0.018135 -0.726 0.468

L3.Temp. prom aire -0.003016 0.001705 -1.768 0.077

L4.Conduct -10.345362 1.657513 -6.241 0.000

L4.Water 20.984903 10.376254 2.022 0.043

L4.Temp 8.776525 4.961229 1.769 0.077

L4.Precip. horaria -0.002762 0.017476 -0.158 0.874

L4.Temp. prom aire 0.001184 0.001739 0.681 0.496

L5.Conduct 6.925486 1.946291 3.558 0.000

L5.Water -20.633262 11.499943 -1.794 0.073

L5.Temp -7.989580 5.352147 -1.493 0.135

L5.Precip. horaria 0.012103 0.017556 0.689 0.491

L5.Temp. prom aire 0.000979 0.001729 0.566 0.571

L6.Conduct -3.583726 2.059976 -1.740 0.082

L6.Water 11.901465 11.923889 0.998 0.318

L6.Temp 3.773740 5.538531 0.681 0.496

L6.Precip. horaria -0.020098 0.017596 -1.142 0.253

L6.Temp. prom aire 0.000217 0.001718 0.126 0.899

L7.Conduct -0.094015 2.101392 -0.045 0.964

L7.Water -2.468742 11.998267 -0.206 0.837

L7.Temp 1.559662 6.140505 0.254 0.799

L7.Precip. horaria -0.000835 0.018646 -0.045 0.964

L7.Temp. prom aire -0.000039 0.001712 -0.023 0.982

L8.Conduct 5.730975 2.143808 2.673 0.008

L8.Water 0.939707 12.157060 0.077 0.938

L8.Temp -4.960698 7.344989 -0.675 0.499

L8.Precip. horaria 0.010466 0.017827 0.587 0.557

L8.Temp. prom aire -0.002913 0.001706 -1.707 0.088

L9.Conduct -11.233887 2.289601 -4.906 0.000

L9.Water -5.293396 13.577553 -0.390 0.697

L9.Temp 4.659087 8.993786 0.518 0.604

L9.Precip. horaria 0.028928 0.017916 1.615 0.106

L9.Temp. prom aire 0.001232 0.001729 0.712 0.476

L10.Conduct 12.726553 2.602780 4.890 0.000

L10.Water 5.552022 16.122548 0.344 0.731

L10.Temp -1.885509 10.683840 -0.176 0.860

L10.Precip. horaria -0.005765 0.018687 -0.308 0.758

L10.Temp. prom aire -0.000223 0.001755 -0.127 0.899

L11.Conduct -10.076079 2.904704 -3.469 0.001

L11.Water 4.200286 17.816110 0.236 0.814

L11.Temp -0.098573 11.670990 -0.008 0.993

L11.Precip. horaria 0.019082 0.018612 1.025 0.305

L11.Temp. prom aire 0.000938 0.001768 0.531 0.596

L12.Conduct 6.495711 3.052572 2.128 0.033

L12.Water -16.425714 18.205047 -0.902 0.367

L12.Temp 1.277282 11.650603 0.110 0.913

L12.Precip. horaria -0.018789 0.018255 -1.029 0.303

L12.Temp. prom aire -0.000715 0.001782 -0.401 0.688

L13.Conduct -5.621565 3.084352 -1.823 0.068

L13.Water 20.651844 18.139916 1.138 0.255

L13.Temp -4.196508 11.286436 -0.372 0.710

L13.Precip. horaria 0.006214 0.017964 0.346 0.729

L13.Temp. prom aire 0.002537 0.001754 1.447 0.148

L14.Conduct 6.360782 3.095345 2.055 0.040

L14.Water -19.462383 17.967324 -1.083 0.279

L14.Temp 8.265952 11.549514 0.716 0.474

L14.Precip. horaria -0.008324 0.017060 -0.488 0.626

L14.Temp. prom aire -0.000499 0.001771 -0.282 0.778

L15.Conduct -3.197280 3.125425 -1.023 0.306

L15.Water 18.731664 17.694519 1.059 0.290

L15.Temp -11.067075 12.624365 -0.877 0.381

L15.Precip. horaria 0.005294 0.016826 0.315 0.753

L15.Temp. prom aire 0.002416 0.001743 1.387 0.166

L16.Conduct -3.939550 3.152039 -1.250 0.211

L16.Water -15.892222 17.631140 -0.901 0.367

L16.Temp 11.840831 14.105089 0.839 0.401

L16.Precip. horaria -0.011793 0.017007 -0.693 0.488

L16.Temp. prom aire -0.000287 0.001739 -0.165 0.869

L17.Conduct 8.999587 3.208384 2.805 0.005

L17.Water 6.280846 18.020889 0.349 0.727

L17.Temp -12.353454 15.814935 -0.781 0.435

L17.Precip. horaria 0.007219 0.017179 0.420 0.674

L17.Temp. prom aire 0.002580 0.001693 1.524 0.128

L18.Conduct -8.676115 3.325141 -2.609 0.009

L18.Water 9.759475 18.447358 0.529 0.597

L18.Temp 15.048599 17.351384 0.867 0.386

L18.Precip. horaria -0.008523 0.017145 -0.497 0.619

L18.Temp. prom aire -0.001217 0.001697 -0.717 0.473

L19.Conduct 6.046415 3.450177 1.752 0.080

L19.Water -23.912916 18.851104 -1.269 0.205

L19.Temp -18.235390 18.010962 -1.012 0.311

L19.Precip. horaria -0.005456 0.016546 -0.330 0.742

L19.Temp. prom aire 0.002683 0.001690 1.587 0.112

L20.Conduct -6.738967 3.550676 -1.898 0.058

L20.Water 28.818884 19.468923 1.480 0.139

L20.Temp 17.334221 17.774205 0.975 0.329

L20.Precip. horaria -0.005859 0.016947 -0.346 0.730

L20.Temp. prom aire -0.002579 0.001677 -1.537 0.124

L21.Conduct 10.572317 3.626908 2.915 0.004

L21.Water -30.385004 20.160909 -1.507 0.132

L21.Temp -10.773011 17.203362 -0.626 0.531

L21.Precip. horaria 0.029230 0.016868 1.733 0.083

L21.Temp. prom aire 0.001484 0.001688 0.879 0.379

L22.Conduct -12.073073 3.690981 -3.271 0.001

L22.Water 39.817575 20.577740 1.935 0.053

L22.Temp 1.318631 16.691811 0.079 0.937

L22.Precip. horaria 0.013269 0.017650 0.752 0.452

L22.Temp. prom aire 0.001918 0.001735 1.105 0.269

L23.Conduct 9.555650 3.773926 2.532 0.011

L23.Water -56.686292 20.596840 -2.752 0.006

L23.Temp 5.795449 16.543950 0.350 0.726

L23.Precip. horaria -0.007324 0.017476 -0.419 0.675

L23.Temp. prom aire 0.000027 0.001744 0.015 0.988

L24.Conduct -5.832746 3.884289 -1.502 0.133

L24.Water 65.343948 21.025965 3.108 0.002

L24.Temp -8.518651 17.359896 -0.491 0.624

L24.Precip. horaria 0.042021 0.017364 2.420 0.016

L24.Temp. prom aire -0.000007 0.001750 -0.004 0.997

L25.Conduct 4.111908 3.943000 1.043 0.297

L25.Water -53.195608 21.744184 -2.446 0.014

L25.Temp 10.970248 19.178359 0.572 0.567

L25.Precip. horaria 0.006947 0.017097 0.406 0.684

L25.Temp. prom aire 0.001784 0.001779 1.003 0.316

L26.Conduct -4.657902 3.961180 -1.176 0.240

L26.Water 30.329478 22.005076 1.378 0.168

L26.Temp -15.737311 20.704071 -0.760 0.447

L26.Precip. horaria -0.013339 0.016862 -0.791 0.429

L26.Temp. prom aire -0.000243 0.001833 -0.133 0.895

L27.Conduct 3.376666 4.000432 0.844 0.399

L27.Water -14.644791 22.051182 -0.664 0.507

L27.Temp 19.287499 20.768768 0.929 0.353

L27.Precip. horaria -0.021294 0.015570 -1.368 0.171

L27.Temp. prom aire -0.001271 0.001813 -0.701 0.483

L28.Conduct 2.044959 4.024449 0.508 0.611

L28.Water 2.751810 22.154987 0.124 0.901

L28.Temp -18.243566 19.620143 -0.930 0.352

L28.Precip. horaria 0.002421 0.015592 0.155 0.877

L28.Temp. prom aire 0.000904 0.001770 0.511 0.610

L29.Conduct -8.477369 4.021414 -2.108 0.035

L29.Water 22.154345 22.080690 1.003 0.316

L29.Temp 14.788129 18.108425 0.817 0.414

L29.Precip. horaria -0.012977 0.015165 -0.856 0.392

L29.Temp. prom aire -0.000671 0.001775 -0.378 0.705

L30.Conduct 11.703960 4.107387 2.849 0.004

L30.Water -57.439029 22.024734 -2.608 0.009

L30.Temp -13.592951 16.566666 -0.821 0.412

L30.Precip. horaria 0.037252 0.015084 2.470 0.014

L30.Temp. prom aire -0.000357 0.001768 -0.202 0.840

L31.Conduct -10.477998 4.220213 -2.483 0.013

L31.Water 77.406086 22.150584 3.495 0.000

L31.Temp 14.306096 15.345289 0.932 0.351

L31.Precip. horaria -0.012776 0.015297 -0.835 0.404

L31.Temp. prom aire -0.003503 0.001803 -1.943 0.052

L32.Conduct 7.763379 4.044016 1.920 0.055

L32.Water -67.108933 21.705644 -3.092 0.002

L32.Temp -11.689999 15.299508 -0.764 0.445

L32.Precip. horaria 0.023845 0.014934 1.597 0.110

L32.Temp. prom aire 0.000378 0.001829 0.207 0.836

L33.Conduct -6.376439 3.589468 -1.776 0.076

L33.Water 42.736340 20.350013 2.100 0.036

L33.Temp 3.826211 16.310854 0.235 0.815

L33.Precip. horaria -0.016970 0.015001 -1.131 0.258

L33.Temp. prom aire 0.001197 0.001835 0.653 0.514

L34.Conduct 4.861201 3.247824 1.497 0.134

L34.Water -27.563649 19.031136 -1.448 0.148

L34.Temp 5.475048 17.031655 0.321 0.748

L34.Precip. horaria -0.017564 0.015195 -1.156 0.248

L34.Temp. prom aire 0.001812 0.001831 0.990 0.322

L35.Conduct -1.349874 3.169868 -0.426 0.670

L35.Water 21.580468 18.572687 1.162 0.245

L35.Temp -11.388453 16.970545 -0.671 0.502

L35.Precip. horaria -0.013907 0.015065 -0.923 0.356

L35.Temp. prom aire -0.000081 0.001843 -0.044 0.965

L36.Conduct -3.267085 3.156448 -1.035 0.301

L36.Water -8.266672 18.524634 -0.446 0.655

L36.Temp 12.907755 16.443523 0.785 0.432

L36.Precip. horaria 0.000395 0.015084 0.026 0.979

L36.Temp. prom aire -0.000172 0.001844 -0.093 0.926

L37.Conduct 6.322325 3.075246 2.056 0.040

L37.Water -16.201313 18.187646 -0.891 0.373

L37.Temp -12.977138 15.376220 -0.844 0.399

L37.Precip. horaria 0.024071 0.015175 1.586 0.113

L37.Temp. prom aire -0.000418 0.001860 -0.225 0.822

L38.Conduct -5.803801 2.829609 -2.051 0.040

L38.Water 35.211728 16.783515 2.098 0.036

L38.Temp 13.041689 13.453709 0.969 0.332

L38.Precip. horaria -0.003791 0.016047 -0.236 0.813

L38.Temp. prom aire 0.000377 0.001861 0.203 0.839

L39.Conduct 3.179555 2.257009 1.409 0.159

L39.Water -33.952065 13.784063 -2.463 0.014

L39.Temp -11.101371 11.082721 -1.002 0.316

L39.Precip. horaria -0.003843 0.016463 -0.233 0.815

L39.Temp. prom aire 0.000160 0.001882 0.085 0.932

L40.Conduct -1.399056 1.409391 -0.993 0.321

L40.Water 19.123853 10.036635 1.905 0.057

L40.Temp 6.216322 9.659851 0.644 0.520

L40.Precip. horaria -0.012489 0.016073 -0.777 0.437

L40.Temp. prom aire 0.000149 0.001854 0.080 0.936

L41.Conduct 1.086430 0.682606 1.592 0.111

L41.Water -9.718579 7.491046 -1.297 0.195

L41.Temp -1.429962 9.620551 -0.149 0.882

L41.Precip. horaria 0.014934 0.016799 0.889 0.374

L41.Temp. prom aire -0.000577 0.001821 -0.317 0.751

L42.Conduct -0.955936 0.468798 -2.039 0.041

L42.Water 11.349263 6.797928 1.670 0.095

L42.Temp 0.558104 9.808227 0.057 0.955

L42.Precip. horaria 0.008574 0.018103 0.474 0.636

L42.Temp. prom aire -0.001630 0.001792 -0.910 0.363

L43.Conduct 0.068185 0.470427 0.145 0.885

L43.Water -12.446745 6.784211 -1.835 0.067

L43.Temp -2.760270 9.705734 -0.284 0.776

L43.Precip. horaria -0.006867 0.019429 -0.353 0.724

L43.Temp. prom aire 0.002629 0.001822 1.443 0.149

L44.Conduct 0.826259 0.447795 1.845 0.065

L44.Water 5.796542 6.721436 0.862 0.388

L44.Temp 3.758037 9.121465 0.412 0.680

L44.Precip. horaria 0.003422 0.020406 0.168 0.867

L44.Temp. prom aire -0.000338 0.001828 -0.185 0.853

L45.Conduct -0.672916 0.384711 -1.749 0.080

L45.Water 2.427186 5.991477 0.405 0.685

L45.Temp -2.278411 7.652204 -0.298 0.766

L45.Precip. horaria 0.011884 0.020781 0.572 0.567

L45.Temp. prom aire 0.000664 0.001832 0.362 0.717

L46.Conduct 0.099995 0.318043 0.314 0.753

L46.Water -5.095144 4.145555 -1.229 0.219

L46.Temp 0.526532 5.158235 0.102 0.919

L46.Precip. horaria 0.014803 0.021631 0.684 0.494

L46.Temp. prom aire -0.001717 0.001826 -0.940 0.347

L47.Conduct 0.047710 0.206809 0.231 0.818

L47.Water 2.986597 1.864795 1.602 0.109

L47.Temp 0.108574 2.360821 0.046 0.963

L47.Precip. horaria 0.026312 0.020690 1.272 0.203

L47.Temp. prom aire 0.001540 0.001852 0.832 0.406

L48.Conduct -0.000914 0.061336 -0.015 0.988

L48.Water -0.678206 0.395814 -1.713 0.087

L48.Temp -0.070339 0.522876 -0.135 0.893

L48.Precip. horaria 0.027661 0.020547 1.346 0.178

L48.Temp. prom aire 0.000524 0.001680 0.312 0.755

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.029461 0.012564 2.345 0.019

L1.Conduct 0.029725 0.016763 1.773 0.076

L1.Water 4.243551 0.120050 35.348 0.000

L1.Temp -0.029201 0.066717 -0.438 0.662

L1.Precip. horaria -0.000005 0.002696 -0.002 0.999

L1.Temp. prom aire -0.000186 0.000237 -0.784 0.433

L2.Conduct -0.122658 0.076451 -1.604 0.109

L2.Water -7.691150 0.534203 -14.397 0.000

L2.Temp 0.140248 0.278531 0.504 0.615

L2.Precip. horaria 0.002026 0.002543 0.797 0.426

L2.Temp. prom aire 0.000311 0.000251 1.238 0.216

L3.Conduct 0.215537 0.166246 1.296 0.195

L3.Water 7.790631 1.110896 7.013 0.000

L3.Temp -0.336847 0.549691 -0.613 0.540

L3.Precip. horaria -0.006162 0.002656 -2.321 0.020

L3.Temp. prom aire -0.000552 0.000250 -2.211 0.027

L4.Conduct -0.222595 0.242703 -0.917 0.359

L4.Water -4.543393 1.519355 -2.990 0.003

L4.Temp 0.504164 0.726454 0.694 0.488

L4.Precip. horaria 0.000089 0.002559 0.035 0.972

L4.Temp. prom aire 0.000264 0.000255 1.039 0.299

L5.Conduct 0.162655 0.284988 0.571 0.568

L5.Water 0.995182 1.683893 0.591 0.555

L5.Temp -0.492084 0.783694 -0.628 0.530

L5.Precip. horaria 0.005243 0.002571 2.040 0.041

L5.Temp. prom aire -0.000015 0.000253 -0.060 0.952

L6.Conduct -0.095722 0.301634 -0.317 0.751

L6.Water 0.670655 1.745969 0.384 0.701

L6.Temp 0.299202 0.810986 0.369 0.712

L6.Precip. horaria -0.001978 0.002576 -0.768 0.443

L6.Temp. prom aire -0.000056 0.000252 -0.224 0.822

L7.Conduct 0.023708 0.307699 0.077 0.939

L7.Water -2.102755 1.756860 -1.197 0.231

L7.Temp -0.051698 0.899131 -0.057 0.954

L7.Precip. horaria -0.000822 0.002730 -0.301 0.763

L7.Temp. prom aire -0.000096 0.000251 -0.383 0.702

L8.Conduct 0.125012 0.313910 0.398 0.690

L8.Water 5.940920 1.780112 3.337 0.001

L8.Temp -0.097360 1.075499 -0.091 0.928

L8.Precip. horaria -0.000518 0.002610 -0.198 0.843

L8.Temp. prom aire -0.000091 0.000250 -0.364 0.716

L9.Conduct -0.349658 0.335258 -1.043 0.297

L9.Water -9.912220 1.988109 -4.986 0.000

L9.Temp -0.005603 1.316926 -0.004 0.997

L9.Precip. horaria 0.008898 0.002623 3.392 0.001

L9.Temp. prom aire -0.000125 0.000253 -0.496 0.620

L10.Conduct 0.482193 0.381115 1.265 0.206

L10.Water 9.778370 2.360763 4.142 0.000

L10.Temp 0.357456 1.564394 0.228 0.819

L10.Precip. horaria 0.001451 0.002736 0.530 0.596

L10.Temp. prom aire 0.000209 0.000257 0.813 0.416

L11.Conduct -0.437472 0.425325 -1.029 0.304

L11.Water -5.503949 2.608745 -2.110 0.035

L11.Temp -0.782873 1.708938 -0.458 0.647

L11.Precip. horaria -0.000851 0.002725 -0.312 0.755

L11.Temp. prom aire 0.000146 0.000259 0.564 0.573

L12.Conduct 0.379785 0.446976 0.850 0.396

L12.Water 0.685924 2.665695 0.257 0.797

L12.Temp 1.214484 1.705953 0.712 0.477

L12.Precip. horaria -0.000878 0.002673 -0.328 0.743

L12.Temp. prom aire -0.000022 0.000261 -0.083 0.934

L13.Conduct -0.509283 0.451630 -1.128 0.259

L13.Water 1.375888 2.656159 0.518 0.604

L13.Temp -1.677055 1.652630 -1.015 0.310

L13.Precip. horaria 0.001791 0.002630 0.681 0.496

L13.Temp. prom aire -0.000016 0.000257 -0.063 0.950

L14.Conduct 0.728616 0.453240 1.608 0.108

L14.Water -1.954685 2.630887 -0.743 0.457

L14.Temp 2.116358 1.691151 1.251 0.211

L14.Precip. horaria -0.000003 0.002498 -0.001 0.999

L14.Temp. prom aire 0.000119 0.000259 0.459 0.646

L15.Conduct -0.634732 0.457644 -1.387 0.165

L15.Water 4.468856 2.590941 1.725 0.085

L15.Temp -2.417284 1.848538 -1.308 0.191

L15.Precip. horaria -0.002819 0.002464 -1.144 0.252

L15.Temp. prom aire -0.000070 0.000255 -0.276 0.783

L16.Conduct 0.126321 0.461541 0.274 0.784

L16.Water -7.683150 2.581660 -2.976 0.003

L16.Temp 2.312437 2.065354 1.120 0.263

L16.Precip. horaria -0.005643 0.002490 -2.266 0.023

L16.Temp. prom aire 0.000102 0.000255 0.399 0.690

L17.Conduct 0.313389 0.469791 0.667 0.505

L17.Water 8.047132 2.638730 3.050 0.002

L17.Temp -1.621071 2.315720 -0.700 0.484

L17.Precip. horaria 0.005270 0.002515 2.095 0.036

L17.Temp. prom aire 0.000156 0.000248 0.631 0.528

L18.Conduct -0.293521 0.486888 -0.603 0.547

L18.Water -5.286601 2.701176 -1.957 0.050

L18.Temp 0.541933 2.540697 0.213 0.831

L18.Precip. horaria -0.002011 0.002510 -0.801 0.423

L18.Temp. prom aire -0.000270 0.000248 -1.089 0.276

L19.Conduct 0.071226 0.505196 0.141 0.888

L19.Water 2.366352 2.760295 0.857 0.391

L19.Temp 0.643812 2.637276 0.244 0.807

L19.Precip. horaria -0.004862 0.002423 -2.007 0.045

L19.Temp. prom aire 0.000340 0.000247 1.373 0.170

L20.Conduct -0.205828 0.519912 -0.396 0.692

L20.Water -1.820393 2.850760 -0.639 0.523

L20.Temp -1.720986 2.602609 -0.661 0.508

L20.Precip. horaria 0.001303 0.002481 0.525 0.600

L20.Temp. prom aire -0.000337 0.000246 -1.372 0.170

L21.Conduct 0.884304 0.531074 1.665 0.096

L21.Water 1.285028 2.952085 0.435 0.663

L21.Temp 2.504039 2.519023 0.994 0.320

L21.Precip. horaria 0.007145 0.002470 2.893 0.004

L21.Temp. prom aire -0.000050 0.000247 -0.204 0.838

L22.Conduct -1.767285 0.540456 -3.270 0.001

L22.Water 3.396117 3.013120 1.127 0.260

L22.Temp -2.839175 2.444118 -1.162 0.245

L22.Precip. horaria 0.001797 0.002584 0.695 0.487

L22.Temp. prom aire 0.000571 0.000254 2.247 0.025

L23.Conduct 2.329604 0.552602 4.216 0.000

L23.Water -10.563317 3.015917 -3.503 0.000

L23.Temp 2.591224 2.422467 1.070 0.285

L23.Precip. horaria -0.001522 0.002559 -0.595 0.552

L23.Temp. prom aire -0.000173 0.000255 -0.679 0.497

L24.Conduct -2.309347 0.568762 -4.060 0.000

L24.Water 14.460379 3.078752 4.697 0.000

L24.Temp -2.000487 2.541943 -0.787 0.431

L24.Precip. horaria 0.005414 0.002542 2.129 0.033

L24.Temp. prom aire 0.000001 0.000256 0.004 0.997

L25.Conduct 1.905846 0.577358 3.301 0.001

L25.Water -12.406348 3.183918 -3.897 0.000

L25.Temp 1.637994 2.808214 0.583 0.560

L25.Precip. horaria 0.004341 0.002503 1.734 0.083

L25.Temp. prom aire -0.000080 0.000260 -0.306 0.760

L26.Conduct -1.366961 0.580020 -2.357 0.018

L26.Water 7.254084 3.222119 2.251 0.024

L26.Temp -1.675759 3.031618 -0.553 0.580

L26.Precip. horaria -0.002489 0.002469 -1.008 0.313

L26.Temp. prom aire 0.000052 0.000268 0.192 0.848

L27.Conduct 0.578976 0.585768 0.988 0.323

L27.Water -3.398589 3.228870 -1.053 0.293

L27.Temp 1.774101 3.041091 0.583 0.560

L27.Precip. horaria -0.002552 0.002280 -1.120 0.263

L27.Temp. prom aire -0.000195 0.000266 -0.733 0.463

L28.Conduct 0.676382 0.589285 1.148 0.251

L28.Water 0.351769 3.244070 0.108 0.914

L28.Temp -1.588379 2.872903 -0.553 0.580

L28.Precip. horaria -0.001530 0.002283 -0.670 0.503

L28.Temp. prom aire 0.000095 0.000259 0.368 0.713

L29.Conduct -2.180457 0.588840 -3.703 0.000

L29.Water 5.485740 3.233191 1.697 0.090

L29.Temp 1.135444 2.651547 0.428 0.668

L29.Precip. horaria 0.000770 0.002221 0.347 0.729

L29.Temp. prom aire -0.000139 0.000260 -0.535 0.593

L30.Conduct 3.141648 0.601429 5.224 0.000

L30.Water -12.852076 3.224998 -3.985 0.000

L30.Temp -0.618129 2.425794 -0.255 0.799

L30.Precip. horaria 0.003029 0.002209 1.372 0.170

L30.Temp. prom aire -0.000207 0.000259 -0.800 0.424

L31.Conduct -2.964558 0.617950 -4.797 0.000

L31.Water 15.953707 3.243425 4.919 0.000

L31.Temp -0.065267 2.246952 -0.029 0.977

L31.Precip. horaria -0.000308 0.002240 -0.137 0.891

L31.Temp. prom aire -0.000310 0.000264 -1.173 0.241

L32.Conduct 2.018920 0.592150 3.409 0.001

L32.Water -12.182138 3.178274 -3.833 0.000

L32.Temp 1.019430 2.240248 0.455 0.649

L32.Precip. horaria 0.000604 0.002187 0.276 0.782

L32.Temp. prom aire 0.000222 0.000268 0.828 0.408

L33.Conduct -1.058739 0.525592 -2.014 0.044

L33.Water 5.481280 2.979775 1.839 0.066

L33.Temp -1.897627 2.388336 -0.795 0.427

L33.Precip. horaria -0.001320 0.002197 -0.601 0.548

L33.Temp. prom aire -0.000064 0.000269 -0.239 0.811

L34.Conduct 0.322388 0.475566 0.678 0.498

L34.Water -1.207480 2.786656 -0.433 0.665

L34.Temp 2.267671 2.493880 0.909 0.363

L34.Precip. horaria -0.003906 0.002225 -1.755 0.079

L34.Temp. prom aire 0.000444 0.000268 1.654 0.098

L35.Conduct 0.438380 0.464152 0.944 0.345

L35.Water -0.633065 2.719528 -0.233 0.816

L35.Temp -1.996665 2.484932 -0.804 0.422

L35.Precip. horaria -0.001196 0.002206 -0.542 0.588

L35.Temp. prom aire -0.000085 0.000270 -0.316 0.752

L36.Conduct -1.372095 0.462187 -2.969 0.003

L36.Water 3.726568 2.712491 1.374 0.169

L36.Temp 1.383131 2.407762 0.574 0.566

L36.Precip. horaria 0.002610 0.002209 1.182 0.237

L36.Temp. prom aire -0.000134 0.000270 -0.495 0.620

L37.Conduct 2.038545 0.450296 4.527 0.000

L37.Water -8.323318 2.663148 -3.125 0.002

L37.Temp -0.821588 2.251481 -0.365 0.715

L37.Precip. horaria 0.000044 0.002222 0.020 0.984

L37.Temp. prom aire 0.000269 0.000272 0.989 0.322

L38.Conduct -1.902704 0.414329 -4.592 0.000

L38.Water 10.549127 2.457546 4.293 0.000

L38.Temp 0.297132 1.969975 0.151 0.880

L38.Precip. horaria 0.000537 0.002350 0.229 0.819

L38.Temp. prom aire -0.000494 0.000273 -1.812 0.070

L39.Conduct 1.174651 0.330485 3.554 0.000

L39.Water -8.167431 2.018348 -4.047 0.000

L39.Temp 0.280337 1.622800 0.173 0.863

L39.Precip. horaria 0.002983 0.002411 1.237 0.216

L39.Temp. prom aire 0.000322 0.000276 1.170 0.242

L40.Conduct -0.494617 0.206372 -2.397 0.017

L40.Water 3.551515 1.469626 2.417 0.016

L40.Temp -0.731753 1.414455 -0.517 0.605

L40.Precip. horaria -0.008211 0.002354 -3.489 0.000

L40.Temp. prom aire -0.000108 0.000271 -0.399 0.690

L41.Conduct 0.185241 0.099951 1.853 0.064

L41.Water -0.658720 1.096885 -0.601 0.548

L41.Temp 0.782791 1.408701 0.556 0.578

L41.Precip. horaria 0.007771 0.002460 3.159 0.002

L41.Temp. prom aire -0.000130 0.000267 -0.486 0.627

L42.Conduct -0.100442 0.068644 -1.463 0.143

L42.Water 0.358797 0.995395 0.360 0.719

L42.Temp -0.362194 1.436181 -0.252 0.801

L42.Precip. horaria -0.001208 0.002651 -0.456 0.649

L42.Temp. prom aire -0.000149 0.000262 -0.568 0.570

L43.Conduct -0.018646 0.068883 -0.271 0.787

L43.Water -0.467233 0.993386 -0.470 0.638

L43.Temp -0.096048 1.421174 -0.068 0.946

L43.Precip. horaria 0.000231 0.002845 0.081 0.935

L43.Temp. prom aire 0.000319 0.000267 1.196 0.232

L44.Conduct 0.122727 0.065569 1.872 0.061

L44.Water -0.175860 0.984194 -0.179 0.858

L44.Temp 0.143723 1.335621 0.108 0.914

L44.Precip. horaria -0.002509 0.002988 -0.840 0.401

L44.Temp. prom aire -0.000126 0.000268 -0.472 0.637

L45.Conduct -0.074718 0.056332 -1.326 0.185

L45.Water 0.719971 0.877309 0.821 0.412

L45.Temp 0.061693 1.120483 0.055 0.956

L45.Precip. horaria 0.002616 0.003043 0.860 0.390

L45.Temp. prom aire 0.000322 0.000268 1.199 0.230

L46.Conduct 0.000085 0.046570 0.002 0.999

L46.Water -0.626318 0.607018 -1.032 0.302

L46.Temp -0.185341 0.755301 -0.245 0.806

L46.Precip. horaria 0.002994 0.003167 0.945 0.345

L46.Temp. prom aire -0.000424 0.000267 -1.587 0.113

L47.Conduct 0.001884 0.030282 0.062 0.950

L47.Water 0.278013 0.273055 1.018 0.309

L47.Temp 0.147237 0.345686 0.426 0.670

L47.Precip. horaria 0.005521 0.003030 1.822 0.068

L47.Temp. prom aire 0.000313 0.000271 1.155 0.248

L48.Conduct 0.004348 0.008981 0.484 0.628

L48.Water -0.056387 0.057958 -0.973 0.331

L48.Temp -0.046054 0.076563 -0.602 0.547

L48.Precip. horaria 0.004270 0.003009 1.419 0.156

L48.Temp. prom aire -0.000117 0.000246 -0.474 0.636

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.002713 0.013714 -0.198 0.843

L1.Conduct -0.038577 0.018299 -2.108 0.035

L1.Water 0.370460 0.131044 2.827 0.005

L1.Temp 4.074665 0.072826 55.951 0.000

L1.Precip. horaria 0.003857 0.002943 1.311 0.190

L1.Temp. prom aire 0.000299 0.000259 1.153 0.249

L2.Conduct 0.162642 0.083452 1.949 0.051

L2.Water -1.650847 0.583121 -2.831 0.005

L2.Temp -7.182524 0.304037 -23.624 0.000

L2.Precip. horaria 0.003415 0.002776 1.230 0.219

L2.Temp. prom aire -0.000242 0.000274 -0.883 0.377

L3.Conduct -0.296696 0.181470 -1.635 0.102

L3.Water 3.355244 1.212624 2.767 0.006

L3.Temp 7.255326 0.600028 12.092 0.000

L3.Precip. horaria 0.000042 0.002899 0.015 0.988

L3.Temp. prom aire -0.000358 0.000273 -1.314 0.189

L4.Conduct 0.300373 0.264928 1.134 0.257

L4.Water -4.212582 1.658487 -2.540 0.011

L4.Temp -4.493874 0.792977 -5.667 0.000

L4.Precip. horaria 0.003345 0.002793 1.198 0.231

L4.Temp. prom aire 0.000015 0.000278 0.054 0.957

L5.Conduct -0.175676 0.311085 -0.565 0.572

L5.Water 3.759019 1.838091 2.045 0.041

L5.Temp 1.381515 0.855460 1.615 0.106

L5.Precip. horaria 0.003309 0.002806 1.179 0.238

L5.Temp. prom aire -0.000145 0.000276 -0.525 0.599

L6.Conduct 0.045760 0.329256 0.139 0.889

L6.Water -2.690446 1.905853 -1.412 0.158

L6.Temp 0.492340 0.885250 0.556 0.578

L6.Precip. horaria -0.003125 0.002812 -1.111 0.266

L6.Temp. prom aire 0.000124 0.000275 0.451 0.652

L7.Conduct 0.062537 0.335876 0.186 0.852

L7.Water 1.564032 1.917741 0.816 0.415

L7.Temp -2.372213 0.981467 -2.417 0.016

L7.Precip. horaria 0.008027 0.002980 2.693 0.007

L7.Temp. prom aire -0.000036 0.000274 -0.132 0.895

L8.Conduct -0.254606 0.342655 -0.743 0.457

L8.Water 0.287265 1.943122 0.148 0.882

L8.Temp 5.912612 1.173985 5.036 0.000

L8.Precip. horaria -0.003559 0.002849 -1.249 0.212

L8.Temp. prom aire -0.000195 0.000273 -0.716 0.474

L9.Conduct 0.531124 0.365958 1.451 0.147

L9.Water -3.395072 2.170166 -1.564 0.118

L9.Temp -9.091371 1.437520 -6.324 0.000

L9.Precip. horaria 0.006567 0.002864 2.293 0.022

L9.Temp. prom aire 0.000260 0.000276 0.942 0.346

L10.Conduct -0.717835 0.416015 -1.726 0.084

L10.Water 6.510317 2.576945 2.526 0.012

L10.Temp 8.872687 1.707650 5.196 0.000

L10.Precip. horaria -0.007876 0.002987 -2.637 0.008

L10.Temp. prom aire -0.000391 0.000281 -1.395 0.163

L11.Conduct 0.740746 0.464273 1.595 0.111

L11.Water -8.120922 2.847635 -2.852 0.004

L11.Temp -5.314214 1.865431 -2.849 0.004

L11.Precip. horaria 0.004986 0.002975 1.676 0.094

L11.Temp. prom aire -0.000242 0.000283 -0.858 0.391

L12.Conduct -0.668476 0.487907 -1.370 0.171

L12.Water 7.899950 2.909801 2.715 0.007

L12.Temp 1.245936 1.862172 0.669 0.503

L12.Precip. horaria -0.003442 0.002918 -1.180 0.238

L12.Temp. prom aire -0.000119 0.000285 -0.418 0.676

L13.Conduct 0.493165 0.492987 1.000 0.317

L13.Water -6.231926 2.899390 -2.149 0.032

L13.Temp 0.312444 1.803966 0.173 0.862

L13.Precip. horaria 0.007322 0.002871 2.550 0.011

L13.Temp. prom aire -0.000299 0.000280 -1.066 0.286

L14.Conduct -0.156633 0.494744 -0.317 0.752

L14.Water 3.890827 2.871804 1.355 0.175

L14.Temp -0.482791 1.846015 -0.262 0.794

L14.Precip. horaria -0.005507 0.002727 -2.020 0.043

L14.Temp. prom aire -0.000216 0.000283 -0.762 0.446

L15.Conduct -0.299898 0.499552 -0.600 0.548

L15.Water -1.317927 2.828201 -0.466 0.641

L15.Temp 3.019000 2.017813 1.496 0.135

L15.Precip. horaria 0.004550 0.002689 1.692 0.091

L15.Temp. prom aire 0.000158 0.000279 0.566 0.571

L16.Conduct 0.688131 0.503806 1.366 0.172

L16.Water -1.207840 2.818070 -0.429 0.668

L16.Temp -7.344499 2.254485 -3.258 0.001

L16.Precip. horaria -0.002529 0.002718 -0.930 0.352

L16.Temp. prom aire -0.000316 0.000278 -1.136 0.256

L17.Conduct -0.803948 0.512812 -1.568 0.117

L17.Water 2.764594 2.880366 0.960 0.337

L17.Temp 9.290875 2.527777 3.676 0.000

L17.Precip. horaria 0.004959 0.002746 1.806 0.071

L17.Temp. prom aire -0.000210 0.000271 -0.778 0.437

L18.Conduct 0.684902 0.531473 1.289 0.198

L18.Water -3.051388 2.948530 -1.035 0.301

L18.Temp -6.833045 2.773356 -2.464 0.014

L18.Precip. horaria -0.001438 0.002740 -0.525 0.600

L18.Temp. prom aire -0.000292 0.000271 -1.078 0.281

L19.Conduct -0.514570 0.551459 -0.933 0.351

L19.Water 2.611112 3.013063 0.867 0.386

L19.Temp 2.492494 2.878779 0.866 0.387

L19.Precip. horaria 0.002594 0.002645 0.981 0.327

L19.Temp. prom aire 0.000086 0.000270 0.319 0.750

L20.Conduct 0.305190 0.567522 0.538 0.591

L20.Water -1.607603 3.111812 -0.517 0.605

L20.Temp -0.277511 2.840937 -0.098 0.922

L20.Precip. horaria -0.000537 0.002709 -0.198 0.843

L20.Temp. prom aire -0.000147 0.000268 -0.547 0.584

L21.Conduct 0.086885 0.579706 0.150 0.881

L21.Water -0.087590 3.222415 -0.027 0.978

L21.Temp -0.408894 2.749696 -0.149 0.882

L21.Precip. horaria -0.000714 0.002696 -0.265 0.791

L21.Temp. prom aire -0.000009 0.000270 -0.035 0.972

L22.Conduct -0.728513 0.589947 -1.235 0.217

L22.Water 2.748081 3.289040 0.836 0.403

L22.Temp 2.951141 2.667933 1.106 0.269

L22.Precip. horaria 0.001274 0.002821 0.452 0.652

L22.Temp. prom aire -0.000419 0.000277 -1.512 0.131

L23.Conduct 1.397199 0.603205 2.316 0.021

L23.Water -5.911485 3.292093 -1.796 0.073

L23.Temp -7.078472 2.644300 -2.677 0.007

L23.Precip. horaria -0.001199 0.002793 -0.429 0.668

L23.Temp. prom aire -0.000214 0.000279 -0.766 0.444

L24.Conduct -1.722186 0.620845 -2.774 0.006

L24.Water 8.010992 3.360682 2.384 0.017

L24.Temp 9.661735 2.774716 3.482 0.000

L24.Precip. horaria 0.004308 0.002775 1.552 0.121

L24.Temp. prom aire 0.000282 0.000280 1.006 0.314

L25.Conduct 1.657904 0.630229 2.631 0.009

L25.Water -8.471834 3.475478 -2.438 0.015

L25.Temp -8.482314 3.065370 -2.767 0.006

L25.Precip. horaria -0.003227 0.002733 -1.181 0.238

L25.Temp. prom aire -0.000306 0.000284 -1.077 0.281

L26.Conduct -1.445552 0.633135 -2.283 0.022

L26.Water 7.926707 3.517178 2.254 0.024

L26.Temp 4.633933 3.309232 1.400 0.161

L26.Precip. horaria 0.001887 0.002695 0.700 0.484

L26.Temp. prom aire -0.000338 0.000293 -1.155 0.248

L27.Conduct 1.188170 0.639408 1.858 0.063

L27.Water -6.680120 3.524547 -1.895 0.058

L27.Temp -1.627749 3.319573 -0.490 0.624

L27.Precip. horaria -0.002291 0.002489 -0.921 0.357

L27.Temp. prom aire 0.000283 0.000290 0.975 0.330

L28.Conduct -0.780739 0.643247 -1.214 0.225

L28.Water 4.689965 3.541139 1.324 0.185

L28.Temp 0.257712 3.135982 0.082 0.935

L28.Precip. horaria 0.003507 0.002492 1.407 0.159

L28.Temp. prom aire -0.000202 0.000283 -0.715 0.475

L29.Conduct 0.084194 0.642762 0.131 0.896

L29.Water -1.680236 3.529263 -0.476 0.634

L29.Temp 1.768405 2.894357 0.611 0.541

L29.Precip. horaria 0.000252 0.002424 0.104 0.917

L29.Temp. prom aire 0.000126 0.000284 0.443 0.658

L30.Conduct 0.818734 0.656504 1.247 0.212

L30.Water -2.346971 3.520320 -0.667 0.505

L30.Temp -5.450535 2.647930 -2.058 0.040

L30.Precip. horaria -0.001258 0.002411 -0.522 0.602

L30.Temp. prom aire 0.000013 0.000283 0.047 0.962

L31.Conduct -1.580171 0.674537 -2.343 0.019

L31.Water 6.449853 3.540435 1.822 0.068

L31.Temp 9.080799 2.452712 3.702 0.000

L31.Precip. horaria 0.000279 0.002445 0.114 0.909

L31.Temp. prom aire -0.000021 0.000288 -0.072 0.942

L32.Conduct 1.963982 0.646375 3.038 0.002

L32.Water -9.593289 3.469318 -2.765 0.006

L32.Temp -9.839991 2.445394 -4.024 0.000

L32.Precip. horaria 0.003310 0.002387 1.387 0.166

L32.Temp. prom aire 0.000044 0.000292 0.151 0.880

L33.Conduct -1.978872 0.573722 -3.449 0.001

L33.Water 11.001893 3.252641 3.382 0.001

L33.Temp 7.378697 2.607043 2.830 0.005

L33.Precip. horaria -0.002890 0.002398 -1.205 0.228

L33.Temp. prom aire -0.000116 0.000293 -0.396 0.692

L34.Conduct 1.734560 0.519115 3.341 0.001

L34.Water -10.449218 3.041838 -3.435 0.001

L34.Temp -4.441865 2.722252 -1.632 0.103

L34.Precip. horaria 0.000053 0.002429 0.022 0.982

L34.Temp. prom aire 0.000033 0.000293 0.113 0.910

L35.Conduct -1.378196 0.506655 -2.720 0.007

L35.Water 8.941412 2.968562 3.012 0.003

L35.Temp 2.530578 2.712484 0.933 0.351

L35.Precip. horaria 0.001510 0.002408 0.627 0.531

L35.Temp. prom aire 0.000211 0.000295 0.715 0.475

L36.Conduct 0.925221 0.504510 1.834 0.067

L36.Water -7.182362 2.960882 -2.426 0.015

L36.Temp -0.752114 2.628248 -0.286 0.775

L36.Precip. horaria -0.005287 0.002411 -2.193 0.028

L36.Temp. prom aire -0.000255 0.000295 -0.864 0.388

L37.Conduct -0.363037 0.491531 -0.739 0.460

L37.Water 4.789830 2.907019 1.648 0.099

L37.Temp -1.639819 2.457656 -0.667 0.505

L37.Precip. horaria 0.009278 0.002425 3.825 0.000

L37.Temp. prom aire -0.000150 0.000297 -0.503 0.615

L38.Conduct -0.095639 0.452270 -0.211 0.833

L38.Water -1.976467 2.682590 -0.737 0.461

L38.Temp 4.093366 2.150371 1.904 0.057

L38.Precip. horaria -0.011429 0.002565 -4.456 0.000

L38.Temp. prom aire 0.000128 0.000298 0.430 0.668

L39.Conduct 0.272123 0.360749 0.754 0.451

L39.Water -0.356290 2.203173 -0.162 0.872

L39.Temp -5.173392 1.771405 -2.921 0.003

L39.Precip. horaria 0.002789 0.002631 1.060 0.289

L39.Temp. prom aire -0.000188 0.000301 -0.624 0.533

L40.Conduct -0.250033 0.225270 -1.110 0.267

L40.Water 1.729467 1.604204 1.078 0.281

L40.Temp 4.339377 1.543981 2.811 0.005

L40.Precip. horaria 0.005837 0.002569 2.272 0.023

L40.Temp. prom aire -0.000254 0.000296 -0.856 0.392

L41.Conduct 0.207744 0.109104 1.904 0.057

L41.Water -2.303087 1.197330 -1.924 0.054

L41.Temp -2.678994 1.537699 -1.742 0.081

L41.Precip. horaria -0.009403 0.002685 -3.502 0.000

L41.Temp. prom aire 0.000171 0.000291 0.588 0.556

L42.Conduct -0.223721 0.074930 -2.986 0.003

L42.Water 2.540564 1.086546 2.338 0.019

L42.Temp 1.419433 1.567696 0.905 0.365

L42.Precip. horaria 0.004246 0.002894 1.467 0.142

L42.Temp. prom aire -0.000618 0.000286 -2.157 0.031

L43.Conduct 0.216811 0.075191 2.883 0.004

L43.Water -2.566064 1.084353 -2.366 0.018

L43.Temp -0.938911 1.551314 -0.605 0.545

L43.Precip. horaria -0.004074 0.003105 -1.312 0.190

L43.Temp. prom aire 0.000305 0.000291 1.049 0.294

L44.Conduct -0.129337 0.071573 -1.807 0.071

L44.Water 2.271408 1.074320 2.114 0.034

L44.Temp 0.758669 1.457928 0.520 0.603

L44.Precip. horaria 0.000465 0.003262 0.143 0.887

L44.Temp. prom aire -0.000119 0.000292 -0.406 0.685

L45.Conduct 0.045665 0.061490 0.743 0.458

L45.Water -1.787302 0.957647 -1.866 0.062

L45.Temp -0.339358 1.223089 -0.277 0.781

L45.Precip. horaria 0.001869 0.003322 0.563 0.574

L45.Temp. prom aire -0.000131 0.000293 -0.446 0.655

L46.Conduct -0.013640 0.050834 -0.268 0.788

L46.Water 1.172714 0.662604 1.770 0.077

L46.Temp -0.050501 0.824466 -0.061 0.951

L46.Precip. horaria -0.002129 0.003457 -0.616 0.538

L46.Temp. prom aire 0.000003 0.000292 0.010 0.992

L47.Conduct 0.001684 0.033055 0.051 0.959

L47.Water -0.504888 0.298059 -1.694 0.090

L47.Temp 0.099839 0.377341 0.265 0.791

L47.Precip. horaria 0.001616 0.003307 0.489 0.625

L47.Temp. prom aire 0.000384 0.000296 1.297 0.195

L48.Conduct 0.001278 0.009804 0.130 0.896

L48.Water 0.097968 0.063265 1.549 0.121

L48.Temp -0.026334 0.083574 -0.315 0.753

L48.Precip. horaria 0.000673 0.003284 0.205 0.838

L48.Temp. prom aire -0.000364 0.000269 -1.357 0.175

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -1.028442 0.332432 -3.094 0.002

L1.Conduct 1.278449 0.443550 2.882 0.004

L1.Water -13.432263 3.176456 -4.229 0.000

L1.Temp 0.321014 1.765276 0.182 0.856

L1.Precip. horaria -0.170856 0.071333 -2.395 0.017

L1.Temp. prom aire 0.002620 0.006279 0.417 0.676

L2.Conduct -4.599493 2.022841 -2.274 0.023

L2.Water 48.600318 14.134655 3.438 0.001

L2.Temp -2.505917 7.369754 -0.340 0.734

L2.Precip. horaria -0.400333 0.067288 -5.950 0.000

L2.Temp. prom aire 0.007144 0.006644 1.075 0.282

L3.Conduct 9.855524 4.398763 2.241 0.025

L3.Water -96.475110 29.393598 -3.282 0.001

L3.Temp 3.551452 14.544473 0.244 0.807

L3.Precip. horaria 0.041278 0.070263 0.587 0.557

L3.Temp. prom aire -0.001582 0.006608 -0.239 0.811

L4.Conduct -16.418651 6.421774 -2.557 0.011

L4.Water 148.612067 40.201159 3.697 0.000

L4.Temp 1.805102 19.221499 0.094 0.925

L4.Precip. horaria -0.406660 0.067708 -6.006 0.000

L4.Temp. prom aire -0.000041 0.006738 -0.006 0.995

L5.Conduct 20.706891 7.540597 2.746 0.006

L5.Water -168.400732 44.554711 -3.780 0.000

L5.Temp -6.280911 20.736048 -0.303 0.762

L5.Precip. horaria -0.025618 0.068017 -0.377 0.706

L5.Temp. prom aire 0.002992 0.006699 0.447 0.655

L6.Conduct -20.955039 7.981053 -2.626 0.009

L6.Water 128.054511 46.197224 2.772 0.006

L6.Temp -0.702530 21.458163 -0.033 0.974

L6.Precip. horaria -0.366709 0.068171 -5.379 0.000

L6.Temp. prom aire -0.005213 0.006658 -0.783 0.434

L7.Conduct 18.950219 8.141510 2.328 0.020

L7.Water -64.734123 46.485391 -1.393 0.164

L7.Temp 15.026238 23.790417 0.632 0.528

L7.Precip. horaria 0.043500 0.072240 0.602 0.547

L7.Temp. prom aire 0.007452 0.006632 1.124 0.261

L8.Conduct -14.282673 8.305846 -1.720 0.086

L8.Water 15.613517 47.100608 0.331 0.740

L8.Temp -24.544138 28.456998 -0.862 0.388

L8.Precip. horaria -0.115485 0.069068 -1.672 0.095

L8.Temp. prom aire 0.001481 0.006611 0.224 0.823

L9.Conduct 6.648148 8.870697 0.749 0.454

L9.Water 13.939799 52.604086 0.265 0.791

L9.Temp 23.937853 34.845001 0.687 0.492

L9.Precip. horaria 0.127692 0.069412 1.840 0.066

L9.Temp. prom aire 0.015987 0.006699 2.387 0.017

L10.Conduct 0.098497 10.084058 0.010 0.992

L10.Water -23.862260 62.464264 -0.382 0.702

L10.Temp -18.200384 41.392850 -0.440 0.660

L10.Precip. horaria -0.228081 0.072400 -3.150 0.002

L10.Temp. prom aire -0.007553 0.006800 -1.111 0.267

L11.Conduct -2.843079 11.253817 -0.253 0.801

L11.Water 23.966051 69.025703 0.347 0.728

L11.Temp 13.390372 45.217407 0.296 0.767

L11.Precip. horaria -0.033698 0.072109 -0.467 0.640

L11.Temp. prom aire 0.007121 0.006850 1.040 0.299

L12.Conduct 2.166583 11.826707 0.183 0.855

L12.Water -11.352580 70.532580 -0.161 0.872

L12.Temp -4.981188 45.138422 -0.110 0.912

L12.Precip. horaria -0.093049 0.070728 -1.316 0.188

L12.Temp. prom aire 0.001149 0.006906 0.166 0.868

L13.Conduct 0.195664 11.949836 0.016 0.987

L13.Water -24.474534 70.280237 -0.348 0.728

L13.Temp -15.024892 43.727513 -0.344 0.731

L13.Precip. horaria 0.117077 0.069600 1.682 0.093

L13.Temp. prom aire 0.012403 0.006794 1.826 0.068

L14.Conduct -2.667060 11.992424 -0.222 0.824

L14.Water 63.383769 69.611559 0.911 0.363

L14.Temp 40.809989 44.746767 0.912 0.362

L14.Precip. horaria 0.082602 0.066095 1.250 0.211

L14.Temp. prom aire -0.003077 0.006861 -0.448 0.654

L15.Conduct 5.243278 12.108965 0.433 0.665

L15.Water -77.605228 68.554619 -1.132 0.258

L15.Temp -55.244719 48.911109 -1.129 0.259

L15.Precip. horaria 0.056560 0.065191 0.868 0.386

L15.Temp. prom aire -0.001249 0.006752 -0.185 0.853

L16.Conduct -8.091238 12.212077 -0.663 0.508

L16.Water 52.731580 68.309068 0.772 0.440

L16.Temp 48.983915 54.647940 0.896 0.370

L16.Precip. horaria 0.019561 0.065892 0.297 0.767

L16.Temp. prom aire -0.002143 0.006739 -0.318 0.750

L17.Conduct 6.619547 12.430378 0.533 0.594

L17.Water 6.231911 69.819089 0.089 0.929

L17.Temp -31.662048 61.272467 -0.517 0.605

L17.Precip. horaria -0.136441 0.066556 -2.050 0.040

L17.Temp. prom aire 0.009407 0.006560 1.434 0.152

L18.Conduct 3.061861 12.882733 0.238 0.812

L18.Water -64.213316 71.471374 -0.898 0.369

L18.Temp 21.121600 67.225197 0.314 0.753

L18.Precip. horaria 0.074515 0.066426 1.122 0.262

L18.Temp. prom aire 0.008048 0.006573 1.224 0.221

L19.Conduct -16.915940 13.367167 -1.265 0.206

L19.Water 97.765960 73.035626 1.339 0.181

L19.Temp -19.507436 69.780628 -0.280 0.780

L19.Precip. horaria -0.144836 0.064106 -2.259 0.024

L19.Temp. prom aire -0.005979 0.006549 -0.913 0.361

L20.Conduct 27.601246 13.756533 2.006 0.045

L20.Water -118.164828 75.429268 -1.567 0.117

L20.Temp 13.172793 68.863348 0.191 0.848

L20.Precip. horaria 0.035886 0.065658 0.547 0.585

L20.Temp. prom aire 0.002484 0.006499 0.382 0.702

L21.Conduct -29.875450 14.051883 -2.126 0.033

L21.Water 129.659383 78.110256 1.660 0.097

L21.Temp 4.695285 66.651708 0.070 0.944

L21.Precip. horaria -0.234659 0.065353 -3.591 0.000

L21.Temp. prom aire 0.019386 0.006538 2.965 0.003

L22.Conduct 28.532214 14.300121 1.995 0.046

L22.Water -129.048447 79.725204 -1.619 0.106

L22.Temp -28.744107 64.669785 -0.444 0.657

L22.Precip. horaria -0.129048 0.068381 -1.887 0.059

L22.Temp. prom aire -0.011319 0.006723 -1.684 0.092

L23.Conduct -33.368443 14.621481 -2.282 0.022

L23.Water 125.466174 79.799203 1.572 0.116

L23.Temp 50.997723 64.096922 0.796 0.426

L23.Precip. horaria -0.165075 0.067706 -2.438 0.015

L23.Temp. prom aire 0.006851 0.006758 1.014 0.311

L24.Conduct 39.513704 15.049065 2.626 0.009

L24.Water -116.872530 81.461780 -1.435 0.151

L24.Temp -66.790556 67.258175 -0.993 0.321

L24.Precip. horaria -0.015476 0.067273 -0.230 0.818

L24.Temp. prom aire 0.016399 0.006780 2.419 0.016

L25.Conduct -36.008142 15.276529 -2.357 0.018

L25.Water 98.651232 84.244408 1.171 0.242

L25.Temp 76.065698 74.303523 1.024 0.306

L25.Precip. horaria -0.146317 0.066241 -2.209 0.027

L25.Temp. prom aire -0.016187 0.006891 -2.349 0.019

L26.Conduct 19.914658 15.346965 1.298 0.194

L26.Water -65.082226 85.255190 -0.763 0.445

L26.Temp -78.649900 80.214652 -0.980 0.327

L26.Precip. horaria 0.029137 0.065329 0.446 0.656

L26.Temp. prom aire 0.008562 0.007102 1.206 0.228

L27.Conduct 4.902320 15.499043 0.316 0.752

L27.Water -5.978768 85.433822 -0.070 0.944

L27.Temp 69.049507 80.465311 0.858 0.391

L27.Precip. horaria -0.123937 0.060323 -2.055 0.040

L27.Temp. prom aire -0.001744 0.007026 -0.248 0.804

L28.Conduct -26.242579 15.592092 -1.683 0.092

L28.Water 107.479729 85.835998 1.252 0.211

L28.Temp -41.370106 76.015145 -0.544 0.586

L28.Precip. horaria 0.023792 0.060409 0.394 0.694

L28.Temp. prom aire 0.005784 0.006859 0.843 0.399

L29.Conduct 37.761200 15.580334 2.424 0.015

L29.Water -192.349192 85.548145 -2.248 0.025

L29.Temp 0.983216 70.158230 0.014 0.989

L29.Precip. horaria -0.065764 0.058755 -1.119 0.263

L29.Temp. prom aire 0.004380 0.006876 0.637 0.524

L30.Conduct -44.487340 15.913423 -2.796 0.005

L30.Water 220.680346 85.331354 2.586 0.010

L30.Temp 33.308018 64.184930 0.519 0.604

L30.Precip. horaria -0.032897 0.058441 -0.563 0.574

L30.Temp. prom aire -0.013472 0.006849 -1.967 0.049

L31.Conduct 45.498732 16.350547 2.783 0.005

L31.Water -182.789385 85.818937 -2.130 0.033

L31.Temp -48.335084 59.452899 -0.813 0.416

L31.Precip. horaria -0.097130 0.059266 -1.639 0.101

L31.Temp. prom aire 0.002335 0.006984 0.334 0.738

L32.Conduct -36.573340 15.667902 -2.334 0.020

L32.Water 108.759129 84.095087 1.293 0.196

L32.Temp 50.482144 59.275526 0.852 0.394

L32.Precip. horaria 0.024774 0.057858 0.428 0.669

L32.Temp. prom aire 0.014293 0.007087 2.017 0.044

L33.Conduct 16.068694 13.906825 1.155 0.248

L33.Water -26.305950 78.842909 -0.334 0.739

L33.Temp -50.917534 63.193827 -0.806 0.420

L33.Precip. horaria -0.047576 0.058121 -0.819 0.413

L33.Temp. prom aire 0.002838 0.007108 0.399 0.690

L34.Conduct 12.271528 12.583181 0.975 0.329

L34.Water -74.587789 73.733129 -1.012 0.312

L34.Temp 48.155859 65.986456 0.730 0.466

L34.Precip. horaria 0.027185 0.058870 0.462 0.644

L34.Temp. prom aire 0.001657 0.007094 0.234 0.815

L35.Conduct -33.178222 12.281155 -2.702 0.007

L35.Water 180.850653 71.956942 2.513 0.012

L35.Temp -34.703546 65.749694 -0.528 0.598

L35.Precip. horaria -0.131373 0.058366 -2.251 0.024

L35.Temp. prom aire 0.005087 0.007140 0.712 0.476

L36.Conduct 39.499454 12.229158 3.230 0.001

L36.Water -247.064042 71.770767 -3.442 0.001

L36.Temp 10.262814 63.707832 0.161 0.872

L36.Precip. horaria 0.022492 0.058439 0.385 0.700

L36.Temp. prom aire 0.008307 0.007143 1.163 0.245

L37.Conduct -38.722882 11.914554 -3.250 0.001

L37.Water 251.383486 70.465162 3.567 0.000

L37.Temp 12.712497 59.572737 0.213 0.831

L37.Precip. horaria -0.085779 0.058792 -1.459 0.145

L37.Temp. prom aire 0.002170 0.007206 0.301 0.763

L38.Conduct 34.514696 10.962873 3.148 0.002

L38.Water -202.430426 65.025077 -3.113 0.002

L38.Temp -21.447045 52.124269 -0.411 0.681

L38.Precip. horaria -0.091338 0.062170 -1.469 0.142

L38.Temp. prom aire 0.009423 0.007212 1.307 0.191

L39.Conduct -27.475656 8.744423 -3.142 0.002

L39.Water 134.694986 53.404173 2.522 0.012

L39.Temp 21.877181 42.938252 0.510 0.610

L39.Precip. horaria -0.065646 0.063782 -1.029 0.303

L39.Temp. prom aire -0.002444 0.007290 -0.335 0.737

L40.Conduct 17.169229 5.460461 3.144 0.002

L40.Water -79.924363 38.885358 -2.055 0.040

L40.Temp -29.301113 37.425567 -0.783 0.434

L40.Precip. horaria 0.057160 0.062274 0.918 0.359

L40.Temp. prom aire -0.008334 0.007183 -1.160 0.246

L41.Conduct -4.073750 2.644650 -1.540 0.123

L41.Water 35.234635 29.022875 1.214 0.225

L41.Temp 44.058414 37.273307 1.182 0.237

L41.Precip. horaria -0.099652 0.065087 -1.531 0.126

L41.Temp. prom aire 0.007998 0.007053 1.134 0.257

L42.Conduct -4.354576 1.816285 -2.398 0.017

L42.Water 6.014148 26.337497 0.228 0.819

L42.Temp -52.683945 38.000425 -1.386 0.166

L42.Precip. horaria 0.148979 0.070138 2.124 0.034

L42.Temp. prom aire 0.009798 0.006942 1.411 0.158

L43.Conduct 5.174717 1.822597 2.839 0.005

L43.Water -36.387856 26.284356 -1.384 0.166

L43.Temp 47.974618 37.603333 1.276 0.202

L43.Precip. horaria -0.268768 0.075274 -3.571 0.000

L43.Temp. prom aire -0.002934 0.007058 -0.416 0.678

L44.Conduct -3.004006 1.734911 -1.732 0.083

L44.Water 45.306394 26.041143 1.740 0.082

L44.Temp -36.823413 35.339675 -1.042 0.297

L44.Precip. horaria 0.141160 0.079062 1.785 0.074

L44.Temp. prom aire 0.013892 0.007082 1.962 0.050

L45.Conduct 1.099158 1.490501 0.737 0.461

L45.Water -29.068407 23.213033 -1.252 0.210

L45.Temp 27.133460 29.647254 0.915 0.360

L45.Precip. horaria -0.248948 0.080514 -3.092 0.002

L45.Temp. prom aire -0.009575 0.007099 -1.349 0.177

L46.Conduct -1.194410 1.232209 -0.969 0.332

L46.Water 6.273501 16.061299 0.391 0.696

L46.Temp -18.188365 19.984766 -0.910 0.363

L46.Precip. horaria -0.028897 0.083806 -0.345 0.730

L46.Temp. prom aire 0.011601 0.007073 1.640 0.101

L47.Conduct 1.870836 0.801249 2.335 0.020

L47.Water 2.210239 7.224855 0.306 0.760

L47.Temp 8.556040 9.146628 0.935 0.350

L47.Precip. horaria -0.224252 0.080161 -2.798 0.005

L47.Temp. prom aire 0.000774 0.007174 0.108 0.914

L48.Conduct -0.890001 0.237638 -3.745 0.000

L48.Water -0.921130 1.533518 -0.601 0.548

L48.Temp -1.885352 2.025801 -0.931 0.352

L48.Precip. horaria 0.000083 0.079605 0.001 0.999

L48.Temp. prom aire 0.006989 0.006510 1.074 0.283

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 2.047286 3.839748 0.533 0.594

L1.Conduct 7.573646 5.123208 1.478 0.139

L1.Water -47.012308 36.689532 -1.281 0.200

L1.Temp -10.781243 20.389750 -0.529 0.597

L1.Precip. horaria 0.135646 0.823934 0.165 0.869

L1.Temp. prom aire 0.358639 0.072524 4.945 0.000

L2.Conduct -36.907879 23.364747 -1.580 0.114

L2.Water 251.442961 163.261775 1.540 0.124

L2.Temp 37.159950 85.124054 0.437 0.662

L2.Precip. horaria 0.772207 0.777206 0.994 0.320

L2.Temp. prom aire 0.128514 0.076738 1.675 0.094

L3.Conduct 78.095315 50.807738 1.537 0.124

L3.Water -579.796358 339.509593 -1.708 0.088

L3.Temp -72.350800 167.995359 -0.431 0.667

L3.Precip. horaria 0.460279 0.811568 0.567 0.571

L3.Temp. prom aire -0.033941 0.076320 -0.445 0.657

L4.Conduct -97.834933 74.174444 -1.319 0.187

L4.Water 814.952383 464.341891 1.755 0.079

L4.Temp 193.831172 222.017158 0.873 0.383

L4.Precip. horaria 0.457772 0.782057 0.585 0.558

L4.Temp. prom aire 0.036472 0.077822 0.469 0.639

L5.Conduct 89.306985 87.097368 1.025 0.305

L5.Water -873.057050 514.627424 -1.696 0.090

L5.Temp -406.329620 239.510898 -1.696 0.090

L5.Precip. horaria 0.197283 0.785626 0.251 0.802

L5.Temp. prom aire 0.000563 0.077377 0.007 0.994

L6.Conduct -74.805044 92.184836 -0.811 0.417

L6.Water 852.230041 533.599206 1.597 0.110

L6.Temp 455.747311 247.851665 1.839 0.066

L6.Precip. horaria 1.634171 0.787407 2.075 0.038

L6.Temp. prom aire -0.101155 0.076899 -1.315 0.188

L7.Conduct 58.872057 94.038193 0.626 0.531

L7.Water -816.873515 536.927665 -1.521 0.128

L7.Temp -238.466317 274.790266 -0.868 0.385

L7.Precip. horaria 0.276269 0.834409 0.331 0.741

L7.Temp. prom aire 0.230099 0.076606 3.004 0.003

L8.Conduct -20.030335 95.936347 -0.209 0.835

L8.Water 675.931515 544.033700 1.242 0.214

L8.Temp 37.060652 328.691430 0.113 0.910

L8.Precip. horaria 0.046118 0.797767 0.058 0.954

L8.Temp. prom aire -0.078585 0.076364 -1.029 0.303

L9.Conduct -59.504964 102.460637 -0.581 0.561

L9.Water -180.017669 607.601405 -0.296 0.767

L9.Temp -54.186947 402.475808 -0.135 0.893

L9.Precip. horaria -0.648267 0.801744 -0.809 0.419

L9.Temp. prom aire -0.065102 0.077371 -0.841 0.400

L10.Conduct 154.299233 116.475513 1.325 0.185

L10.Water -675.161136 721.491005 -0.936 0.349

L10.Temp 148.752482 478.106474 0.311 0.756

L10.Precip. horaria 1.042896 0.836259 1.247 0.212

L10.Temp. prom aire -0.033617 0.078547 -0.428 0.669

L11.Conduct -209.150267 129.986766 -1.609 0.108

L11.Water 1422.559065 797.278648 1.784 0.074

L11.Temp -95.893325 522.281866 -0.184 0.854

L11.Precip. horaria 1.177340 0.832889 1.414 0.157

L11.Temp. prom aire -0.083298 0.079119 -1.053 0.292

L12.Conduct 213.522393 136.603906 1.563 0.118

L12.Water -1733.682042 814.683766 -2.128 0.033

L12.Temp -117.022630 521.369549 -0.224 0.822

L12.Precip. horaria 0.364380 0.816939 0.446 0.656

L12.Temp. prom aire -0.057090 0.079762 -0.716 0.474

L13.Conduct -184.057736 138.026103 -1.333 0.182

L13.Water 1681.446874 811.769094 2.071 0.038

L13.Temp 293.583463 505.072911 0.581 0.561

L13.Precip. horaria -0.917876 0.803916 -1.142 0.254

L13.Temp. prom aire 0.051573 0.078471 0.657 0.511

L14.Conduct 115.836083 138.518022 0.836 0.403

L14.Water -1385.754886 804.045558 -1.723 0.085

L14.Temp -321.535400 516.845759 -0.622 0.534

L14.Precip. horaria 0.537558 0.763433 0.704 0.481

L14.Temp. prom aire 0.043501 0.079251 0.549 0.583

L15.Conduct -16.140202 139.864119 -0.115 0.908

L15.Water 909.745587 791.837414 1.149 0.251

L15.Temp 298.628454 564.945823 0.529 0.597

L15.Precip. horaria 0.314508 0.752981 0.418 0.676

L15.Temp. prom aire -0.111706 0.077983 -1.432 0.152

L16.Conduct -91.344239 141.055107 -0.648 0.517

L16.Water -272.124396 789.001179 -0.345 0.730

L16.Temp -385.150289 631.208866 -0.610 0.542

L16.Precip. horaria -0.347430 0.761079 -0.456 0.648

L16.Temp. prom aire -0.013595 0.077842 -0.175 0.861

L17.Conduct 177.434667 143.576588 1.236 0.217

L17.Water -403.062583 806.442619 -0.500 0.617

L17.Temp 613.799635 707.725206 0.867 0.386

L17.Precip. horaria 0.981166 0.768752 1.276 0.202

L17.Temp. prom aire 0.159268 0.075773 2.102 0.036

L18.Conduct -225.234977 148.801499 -1.514 0.130

L18.Water 951.314328 825.527273 1.152 0.249

L18.Temp -722.777383 776.481969 -0.931 0.352

L18.Precip. horaria 1.259449 0.767252 1.642 0.101

L18.Temp. prom aire -0.082704 0.075924 -1.089 0.276

L19.Conduct 258.573301 154.396937 1.675 0.094

L19.Water -1446.590079 843.595098 -1.715 0.086

L19.Temp 470.161910 805.998377 0.583 0.560

L19.Precip. horaria -0.326278 0.740459 -0.441 0.659

L19.Temp. prom aire -0.057927 0.075640 -0.766 0.444

L20.Conduct -282.818281 158.894284 -1.780 0.075

L20.Water 1859.688471 871.242768 2.135 0.033

L20.Temp -126.512588 795.403376 -0.159 0.874

L20.Precip. horaria 0.038093 0.758378 0.050 0.960

L20.Temp. prom aire -0.078902 0.075064 -1.051 0.293

L21.Conduct 273.856519 162.305712 1.687 0.092

L21.Water -2002.001010 902.209411 -2.219 0.026

L21.Temp 98.533842 769.857911 0.128 0.898

L21.Precip. horaria 0.507472 0.754859 0.672 0.501

L21.Temp. prom aire 0.149983 0.075521 1.986 0.047

L22.Conduct -228.644781 165.172983 -1.384 0.166

L22.Water 1897.531526 920.862812 2.061 0.039

L22.Temp -242.499841 746.965783 -0.325 0.745

L22.Precip. horaria 0.741897 0.789828 0.939 0.348

L22.Temp. prom aire -0.004564 0.077648 -0.059 0.953

L23.Conduct 141.904951 168.884841 0.840 0.401

L23.Water -1569.283918 921.717536 -1.703 0.089

L23.Temp 88.686792 740.348955 0.120 0.905

L23.Precip. horaria -0.044955 0.782036 -0.057 0.954

L23.Temp. prom aire -0.070835 0.078054 -0.908 0.364

L24.Conduct -25.258204 173.823626 -0.145 0.884

L24.Water 970.185701 940.921061 1.031 0.302

L24.Temp 446.462799 776.862880 0.575 0.565

L24.Precip. horaria 0.099032 0.777030 0.127 0.899

L24.Temp. prom aire -0.121589 0.078316 -1.553 0.121

L25.Conduct -83.224898 176.450945 -0.472 0.637

L25.Water -182.989663 973.061690 -0.188 0.851

L25.Temp -933.380211 858.239901 -1.088 0.277

L25.Precip. horaria -0.118487 0.765112 -0.155 0.877

L25.Temp. prom aire 0.057355 0.079599 0.721 0.471

L26.Conduct 182.122619 177.264514 1.027 0.304

L26.Water -670.550991 984.736698 -0.681 0.496

L26.Temp 995.744798 926.516157 1.075 0.283

L26.Precip. horaria 0.852527 0.754576 1.130 0.259

L26.Temp. prom aire -0.065396 0.082036 -0.797 0.425

L27.Conduct -277.687697 179.021079 -1.551 0.121

L27.Water 1424.337779 986.799975 1.443 0.149

L27.Temp -768.679932 929.411387 -0.827 0.408

L27.Precip. horaria -0.478437 0.696754 -0.687 0.492

L27.Temp. prom aire 0.078326 0.081153 0.965 0.334

L28.Conduct 354.556451 180.095837 1.969 0.049

L28.Water -1955.126183 991.445294 -1.972 0.049

L28.Temp 641.096269 878.009916 0.730 0.465

L28.Precip. horaria -1.105639 0.697749 -1.585 0.113

L28.Temp. prom aire -0.112728 0.079223 -1.423 0.155

L29.Conduct -382.372121 179.960025 -2.125 0.034

L29.Water 2215.478116 988.120452 2.242 0.025

L29.Temp -721.146031 810.359855 -0.890 0.374

L29.Precip. horaria 0.119408 0.678647 0.176 0.860

L29.Temp. prom aire -0.048905 0.079419 -0.616 0.538

L30.Conduct 299.630771 183.807363 1.630 0.103

L30.Water -1989.903141 985.616424 -2.019 0.043

L30.Temp 716.372491 741.365491 0.966 0.334

L30.Precip. horaria 0.747560 0.675017 1.107 0.268

L30.Temp. prom aire 0.029255 0.079108 0.370 0.712

L31.Conduct -101.462844 188.856347 -0.537 0.591

L31.Water 1159.685920 991.248228 1.170 0.242

L31.Temp -361.207493 686.708350 -0.526 0.599

L31.Precip. horaria -1.017085 0.684553 -1.486 0.137

L31.Temp. prom aire 0.051411 0.080667 0.637 0.524

L32.Conduct -111.115916 180.971476 -0.614 0.539

L32.Water -40.319799 971.336967 -0.042 0.967

L32.Temp -129.413484 684.659613 -0.189 0.850

L32.Precip. horaria 0.350570 0.668281 0.525 0.600

L32.Temp. prom aire -0.057073 0.081856 -0.697 0.486

L33.Conduct 239.420011 160.630233 1.491 0.136

L33.Water -841.096208 910.671897 -0.924 0.356

L33.Temp 341.349661 729.917799 0.468 0.640

L33.Precip. horaria 1.062914 0.671322 1.583 0.113

L33.Temp. prom aire 0.233310 0.082104 2.842 0.004

L34.Conduct -265.793923 145.341538 -1.829 0.067

L34.Water 1160.394867 851.651586 1.363 0.173

L34.Temp -294.609989 762.173949 -0.387 0.699

L34.Precip. horaria 0.106460 0.679973 0.157 0.876

L34.Temp. prom aire -0.117217 0.081941 -1.431 0.153

L35.Conduct 244.691968 141.852990 1.725 0.085

L35.Water -1135.685082 831.135801 -1.366 0.172

L35.Temp 356.167800 759.439235 0.469 0.639

L35.Precip. horaria -0.492460 0.674157 -0.730 0.465

L35.Temp. prom aire -0.097065 0.082475 -1.177 0.239

L36.Conduct -218.483829 141.252401 -1.547 0.122

L36.Water 1171.729450 828.985402 1.413 0.158

L36.Temp -615.287032 735.854784 -0.836 0.403

L36.Precip. horaria 0.784251 0.675001 1.162 0.245

L36.Temp. prom aire 0.191676 0.082509 2.323 0.020

L37.Conduct 160.147089 137.618587 1.164 0.245

L37.Water -1225.508096 813.905066 -1.506 0.132

L37.Temp 740.234451 688.092534 1.076 0.282

L37.Precip. horaria 0.498484 0.679080 0.734 0.463

L37.Temp. prom aire -0.025617 0.083227 -0.308 0.758

L38.Conduct -63.735732 126.626229 -0.503 0.615

L38.Water 1045.491978 751.069570 1.392 0.164

L38.Temp -521.109957 602.059303 -0.866 0.387

L38.Precip. horaria -0.011661 0.718097 -0.016 0.987

L38.Temp. prom aire -0.087822 0.083303 -1.054 0.292

L39.Conduct -9.036567 101.002112 -0.089 0.929

L39.Water -674.215832 616.842780 -1.093 0.274

L39.Temp 198.652021 495.956575 0.401 0.689

L39.Precip. horaria -0.158429 0.736708 -0.215 0.830

L39.Temp. prom aire -0.021815 0.084201 -0.259 0.796

L40.Conduct 22.533416 63.070839 0.357 0.721

L40.Water 352.771567 449.143792 0.785 0.432

L40.Temp -49.383088 432.282530 -0.114 0.909

L40.Precip. horaria 0.711906 0.719290 0.990 0.322

L40.Temp. prom aire -0.020983 0.082964 -0.253 0.800

L41.Conduct -8.334217 30.546923 -0.273 0.785

L41.Water -188.265783 335.227566 -0.562 0.574

L41.Temp 5.262469 430.523852 0.012 0.990

L41.Precip. horaria 0.117063 0.751782 0.156 0.876

L41.Temp. prom aire 0.087592 0.081469 1.075 0.282

L42.Conduct 7.252960 20.978929 0.346 0.730

L42.Water 91.569256 304.210212 0.301 0.763

L42.Temp 131.346122 438.922399 0.299 0.765

L42.Precip. horaria 0.338916 0.810128 0.418 0.676

L42.Temp. prom aire -0.012777 0.080183 -0.159 0.873

L43.Conduct -19.311234 21.051834 -0.917 0.359

L43.Water 26.185523 303.596407 0.086 0.931

L43.Temp -364.163966 434.335810 -0.838 0.402

L43.Precip. horaria -1.706187 0.869452 -1.962 0.050

L43.Temp. prom aire -0.031215 0.081524 -0.383 0.702

L44.Conduct 22.316598 20.039018 1.114 0.265

L44.Water -150.560988 300.787188 -0.501 0.617

L44.Temp 499.608990 408.189512 1.224 0.221

L44.Precip. horaria 0.166846 0.913198 0.183 0.855

L44.Temp. prom aire 0.045694 0.081797 0.559 0.576

L45.Conduct -14.126760 17.215975 -0.821 0.412

L45.Water 227.765667 268.121218 0.849 0.396

L45.Temp -422.417742 342.439435 -1.234 0.217

L45.Precip. horaria 0.641638 0.929976 0.690 0.490

L45.Temp. prom aire 0.041894 0.081991 0.511 0.609

L46.Conduct 6.188702 14.232584 0.435 0.664

L46.Water -209.881586 185.515401 -1.131 0.258

L46.Temp 242.054441 230.833250 1.049 0.294

L46.Precip. horaria -0.741304 0.967998 -0.766 0.444

L46.Temp. prom aire -0.096112 0.081696 -1.176 0.239

L47.Conduct -2.054600 9.254794 -0.222 0.824

L47.Water 110.938002 83.450404 1.329 0.184

L47.Temp -93.943667 105.647769 -0.889 0.374

L47.Precip. horaria 1.242021 0.925898 1.341 0.180

L47.Temp. prom aire -0.083045 0.082867 -1.002 0.316

L48.Conduct 0.338947 2.744832 0.123 0.902

L48.Water -24.828527 17.712841 -1.402 0.161

L48.Temp 18.437205 23.398931 0.788 0.431

L48.Precip. horaria 1.626253 0.919472 1.769 0.077

L48.Temp. prom aire -0.024495 0.075194 -0.326 0.745

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.767313 -0.047419 -0.052216 -0.165521

Water 0.767313 1.000000 -0.200371 -0.225544 -0.104151

Temp -0.047419 -0.200371 1.000000 0.109091 -0.095222

Precip. horaria -0.052216 -0.225544 0.109091 1.000000 0.169593

Temp. prom aire -0.165521 -0.104151 -0.095222 0.169593 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -19.9591

Nobs: 440.000 HQIC: -26.7359

Log likelihood: 4936.61 FPE: 5.80631e-14

AIC: -31.1513 Det(Omega\_mle): 6.53775e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.040165 0.024337 1.650 0.099

L1.Conduct 3.899600 0.186478 20.912 0.000

L1.Water 0.462771 0.353293 1.310 0.190

L1.Temp -0.256455 0.118513 -2.164 0.030

L1.Precip. horaria -0.007338 0.005900 -1.244 0.214

L1.Temp. prom aire -0.000422 0.000564 -0.749 0.454

L2.Conduct -6.129812 0.871357 -7.035 0.000

L2.Water -2.466944 1.639354 -1.505 0.132

L2.Temp 1.231632 0.499406 2.466 0.014

L2.Precip. horaria -0.001169 0.006051 -0.193 0.847

L2.Temp. prom aire 0.000218 0.000603 0.362 0.717

L3.Conduct 4.769339 1.929960 2.471 0.013

L3.Water 6.007921 3.585314 1.676 0.094

L3.Temp -2.659533 0.996649 -2.668 0.008

L3.Precip. horaria 0.003347 0.005965 0.561 0.575

L3.Temp. prom aire -0.000459 0.000594 -0.772 0.440

L4.Conduct -1.048837 2.824660 -0.371 0.710

L4.Water -9.770504 5.170354 -1.890 0.059

L4.Temp 3.438963 1.316924 2.611 0.009

L4.Precip. horaria -0.006656 0.005965 -1.116 0.265

L4.Temp. prom aire 0.000989 0.000598 1.652 0.099

L5.Conduct -2.719968 3.275911 -0.830 0.406

L5.Water 13.553691 5.948392 2.279 0.023

L5.Temp -3.046068 1.357137 -2.244 0.025

L5.Precip. horaria -0.005765 0.005746 -1.003 0.316

L5.Temp. prom aire -0.000242 0.000601 -0.403 0.687

L6.Conduct 6.042804 3.461273 1.746 0.081

L6.Water -17.538804 6.308382 -2.780 0.005

L6.Temp 2.015326 1.270734 1.586 0.113

L6.Precip. horaria 0.006132 0.005963 1.028 0.304

L6.Temp. prom aire -0.000066 0.000595 -0.111 0.911

L7.Conduct -9.938589 3.561293 -2.791 0.005

L7.Water 20.077312 6.534848 3.072 0.002

L7.Temp -0.752120 1.344957 -0.559 0.576

L7.Precip. horaria -0.005562 0.006073 -0.916 0.360

L7.Temp. prom aire -0.000023 0.000590 -0.039 0.969

L8.Conduct 14.453269 3.650928 3.959 0.000

L8.Water -19.210438 6.671838 -2.879 0.004

L8.Temp -1.002015 1.691410 -0.592 0.554

L8.Precip. horaria -0.001434 0.006561 -0.219 0.827

L8.Temp. prom aire -0.000380 0.000600 -0.633 0.527

L9.Conduct -16.440284 4.084771 -4.025 0.000

L9.Water 15.256361 7.303569 2.089 0.037

L9.Temp 3.406396 2.208952 1.542 0.123

L9.Precip. horaria 0.009310 0.006447 1.444 0.149

L9.Temp. prom aire -0.000370 0.000594 -0.623 0.534

L10.Conduct 14.397954 5.091793 2.828 0.005

L10.Water -10.898961 8.962417 -1.216 0.224

L10.Temp -5.912961 2.741868 -2.157 0.031

L10.Precip. horaria -0.006839 0.006689 -1.023 0.307

L10.Temp. prom aire -0.000316 0.000601 -0.526 0.599

L11.Conduct -10.127695 6.042065 -1.676 0.094

L11.Water 6.851581 10.556400 0.649 0.516

L11.Temp 7.584756 3.052233 2.485 0.013

L11.Precip. horaria -0.002977 0.006855 -0.434 0.664

L11.Temp. prom aire -0.000152 0.000612 -0.249 0.803

L12.Conduct 4.466937 6.430655 0.695 0.487

L12.Water 0.455454 11.256583 0.040 0.968

L12.Temp -7.905884 3.045019 -2.596 0.009

L12.Precip. horaria 0.005594 0.006654 0.841 0.400

L12.Temp. prom aire 0.000654 0.000614 1.065 0.287

L13.Conduct 1.724610 6.510393 0.265 0.791

L13.Water -12.203475 11.542333 -1.057 0.290

L13.Temp 7.018322 2.911800 2.410 0.016

L13.Precip. horaria -0.000549 0.006644 -0.083 0.934

L13.Temp. prom aire 0.000996 0.000610 1.632 0.103

L14.Conduct -7.929091 6.627751 -1.196 0.232

L14.Water 23.214294 11.879312 1.954 0.051

L14.Temp -5.299702 2.930664 -1.808 0.071

L14.Precip. horaria 0.005016 0.006487 0.773 0.439

L14.Temp. prom aire 0.000222 0.000606 0.367 0.714

L15.Conduct 13.894333 6.718645 2.068 0.039

L15.Water -27.241383 12.093397 -2.253 0.024

L15.Temp 3.124536 3.156169 0.990 0.322

L15.Precip. horaria 0.000496 0.006350 0.078 0.938

L15.Temp. prom aire 0.000493 0.000611 0.807 0.420

L16.Conduct -16.600529 6.769515 -2.452 0.014

L16.Water 23.483211 12.177139 1.928 0.054

L16.Temp -0.628804 3.466944 -0.181 0.856

L16.Precip. horaria 0.017549 0.006314 2.779 0.005

L16.Temp. prom aire -0.000030 0.000611 -0.050 0.960

L17.Conduct 14.840587 6.964792 2.131 0.033

L17.Water -17.344199 12.490873 -1.389 0.165

L17.Temp -2.385100 3.825202 -0.624 0.533

L17.Precip. horaria -0.000178 0.006464 -0.028 0.978

L17.Temp. prom aire 0.000225 0.000617 0.365 0.715

L18.Conduct -10.720762 7.239420 -1.481 0.139

L18.Water 11.904827 12.832921 0.928 0.354

L18.Temp 5.345759 4.184730 1.277 0.201

L18.Precip. horaria 0.007856 0.006311 1.245 0.213

L18.Temp. prom aire 0.001154 0.000613 1.882 0.060

L19.Conduct 5.224482 7.285367 0.717 0.473

L19.Water -2.970857 12.717692 -0.234 0.815

L19.Temp -6.913126 4.349656 -1.589 0.112

L19.Precip. horaria -0.012924 0.006611 -1.955 0.051

L19.Temp. prom aire -0.000266 0.000619 -0.430 0.667

L20.Conduct 0.667116 7.188421 0.093 0.926

L20.Water -10.914319 12.555875 -0.869 0.385

L20.Temp 7.004875 4.270161 1.640 0.101

L20.Precip. horaria 0.014886 0.006736 2.210 0.027

L20.Temp. prom aire 0.000934 0.000614 1.522 0.128

L21.Conduct -5.935396 7.260938 -0.817 0.414

L21.Water 22.181474 12.867399 1.724 0.085

L21.Temp -6.867102 4.120838 -1.666 0.096

L21.Precip. horaria -0.005655 0.006578 -0.860 0.390

L21.Temp. prom aire -0.001067 0.000619 -1.725 0.085

L22.Conduct 10.644298 7.428818 1.433 0.152

L22.Water -24.900490 13.355362 -1.864 0.062

L22.Temp 7.033959 4.067335 1.729 0.084

L22.Precip. horaria 0.006142 0.006788 0.905 0.366

L22.Temp. prom aire 0.001604 0.000630 2.547 0.011

L23.Conduct -14.409014 7.527857 -1.914 0.056

L23.Water 22.839347 13.700104 1.667 0.095

L23.Temp -6.827850 4.104503 -1.664 0.096

L23.Precip. horaria -0.004474 0.006435 -0.695 0.487

L23.Temp. prom aire -0.000792 0.000653 -1.214 0.225

L24.Conduct 16.436223 7.604128 2.161 0.031

L24.Water -21.615105 14.016285 -1.542 0.123

L24.Temp 5.553905 4.237984 1.311 0.190

L24.Precip. horaria 0.011606 0.006608 1.756 0.079

L24.Temp. prom aire 0.000723 0.000649 1.114 0.265

L25.Conduct -15.148783 7.643012 -1.982 0.047

L25.Water 20.086535 14.056212 1.429 0.153

L25.Temp -3.441776 4.556961 -0.755 0.450

L25.Precip. horaria -0.007912 0.006791 -1.165 0.244

L25.Temp. prom aire 0.000644 0.000651 0.989 0.322

L26.Conduct 10.566015 7.369331 1.434 0.152

L26.Water -14.742563 13.296476 -1.109 0.268

L26.Temp 1.186062 4.858360 0.244 0.807

L26.Precip. horaria -0.002529 0.006790 -0.372 0.710

L26.Temp. prom aire -0.000250 0.000657 -0.381 0.704

L27.Conduct -6.562089 6.641897 -0.988 0.323

L27.Water 7.548317 11.784215 0.641 0.522

L27.Temp 0.860580 4.849564 0.177 0.859

L27.Precip. horaria -0.007071 0.006751 -1.047 0.295

L27.Temp. prom aire -0.001450 0.000663 -2.187 0.029

L28.Conduct 4.946384 5.837773 0.847 0.397

L28.Water -3.538210 10.278904 -0.344 0.731

L28.Temp -2.658808 4.591126 -0.579 0.563

L28.Precip. horaria 0.011065 0.006870 1.611 0.107

L28.Temp. prom aire 0.002334 0.000650 3.590 0.000

L29.Conduct -3.105284 5.499475 -0.565 0.572

L29.Water 3.473561 9.683564 0.359 0.720

L29.Temp 4.424682 4.327674 1.022 0.307

L29.Precip. horaria -0.002326 0.006739 -0.345 0.730

L29.Temp. prom aire -0.001673 0.000662 -2.526 0.012

L30.Conduct -0.327504 5.568329 -0.059 0.953

L30.Water -3.962514 9.889609 -0.401 0.689

L30.Temp -6.238745 4.126322 -1.512 0.131

L30.Precip. horaria 0.006556 0.006378 1.028 0.304

L30.Temp. prom aire 0.000489 0.000670 0.731 0.465

L31.Conduct 3.156673 5.632562 0.560 0.575

L31.Water 3.190661 10.181061 0.313 0.754

L31.Temp 7.442684 3.945928 1.886 0.059

L31.Precip. horaria 0.010222 0.006118 1.671 0.095

L31.Temp. prom aire -0.001038 0.000673 -1.542 0.123

L32.Conduct -3.131612 5.461946 -0.573 0.566

L32.Water -2.010407 9.991775 -0.201 0.841

L32.Temp -7.262501 3.892368 -1.866 0.062

L32.Precip. horaria 0.005911 0.006212 0.952 0.341

L32.Temp. prom aire 0.000036 0.000681 0.052 0.958

L33.Conduct 1.456357 5.044923 0.289 0.773

L33.Water 1.721083 9.199778 0.187 0.852

L33.Temp 5.853728 4.012023 1.459 0.145

L33.Precip. horaria -0.005482 0.006191 -0.886 0.376

L33.Temp. prom aire 0.001032 0.000677 1.523 0.128

L34.Conduct -0.630782 4.406834 -0.143 0.886

L34.Water -3.274465 7.958481 -0.411 0.681

L34.Temp -4.191417 4.086641 -1.026 0.305

L34.Precip. horaria -0.009889 0.006241 -1.584 0.113

L34.Temp. prom aire 0.000033 0.000674 0.048 0.961

L35.Conduct 0.918081 3.745280 0.245 0.806

L35.Water 4.862168 6.727744 0.723 0.470

L35.Temp 2.731686 4.001234 0.683 0.495

L35.Precip. horaria -0.001183 0.006319 -0.187 0.851

L35.Temp. prom aire -0.000981 0.000675 -1.452 0.146

L36.Conduct -1.322313 3.356129 -0.394 0.694

L36.Water -3.317029 6.024623 -0.551 0.582

L36.Temp -0.961355 3.823483 -0.251 0.801

L36.Precip. horaria -0.002126 0.006297 -0.338 0.736

L36.Temp. prom aire 0.001202 0.000672 1.790 0.073

L37.Conduct 1.120168 3.091258 0.362 0.717

L37.Water -0.360873 5.572961 -0.065 0.948

L37.Temp -0.973817 3.571573 -0.273 0.785

L37.Precip. horaria 0.003789 0.006238 0.607 0.544

L37.Temp. prom aire 0.000015 0.000680 0.023 0.982

L38.Conduct -0.521465 2.765105 -0.189 0.850

L38.Water 2.893952 5.109985 0.566 0.571

L38.Temp 1.963527 3.181613 0.617 0.537

L38.Precip. horaria -0.004665 0.006471 -0.721 0.471

L38.Temp. prom aire 0.000447 0.000677 0.660 0.509

L39.Conduct 0.538481 2.407336 0.224 0.823

L39.Water -3.431926 4.692280 -0.731 0.465

L39.Temp -1.751765 2.670292 -0.656 0.512

L39.Precip. horaria -0.011813 0.006585 -1.794 0.073

L39.Temp. prom aire -0.000547 0.000677 -0.808 0.419

L40.Conduct -1.218232 2.135819 -0.570 0.568

L40.Water 3.350832 4.452705 0.753 0.452

L40.Temp 1.121636 2.294915 0.489 0.625

L40.Precip. horaria 0.011200 0.006492 1.725 0.084

L40.Temp. prom aire 0.000181 0.000685 0.265 0.791

L41.Conduct 1.602091 1.941675 0.825 0.409

L41.Water -4.026887 4.238678 -0.950 0.342

L41.Temp -0.818904 2.231901 -0.367 0.714

L41.Precip. horaria -0.013355 0.006649 -2.008 0.045

L41.Temp. prom aire -0.000396 0.000679 -0.584 0.559

L42.Conduct -1.262428 1.706072 -0.740 0.459

L42.Water 4.737455 3.805867 1.245 0.213

L42.Temp 0.961320 2.255609 0.426 0.670

L42.Precip. horaria 0.011535 0.007033 1.640 0.101

L42.Temp. prom aire 0.000668 0.000666 1.003 0.316

L43.Conduct 0.700639 1.459381 0.480 0.631

L43.Water -3.911464 3.297757 -1.186 0.236

L43.Temp -1.038975 2.212856 -0.470 0.639

L43.Precip. horaria -0.005081 0.007148 -0.711 0.477

L43.Temp. prom aire -0.000221 0.000669 -0.331 0.741

L44.Conduct -0.586480 1.274934 -0.460 0.646

L44.Water 1.889024 2.893732 0.653 0.514

L44.Temp 0.794532 2.064495 0.385 0.700

L44.Precip. horaria 0.000829 0.007173 0.116 0.908

L44.Temp. prom aire 0.000342 0.000666 0.514 0.607

L45.Conduct 0.707419 1.089420 0.649 0.516

L45.Water 0.018294 2.481255 0.007 0.994

L45.Temp -0.483502 1.743214 -0.277 0.782

L45.Precip. horaria -0.002223 0.007145 -0.311 0.756

L45.Temp. prom aire -0.000075 0.000669 -0.113 0.910

L46.Conduct -0.506877 0.792793 -0.639 0.523

L46.Water -0.958599 1.795785 -0.534 0.593

L46.Temp 0.240287 1.201618 0.200 0.842

L46.Precip. horaria 0.012826 0.007563 1.696 0.090

L46.Temp. prom aire 0.000116 0.000670 0.174 0.862

L47.Conduct 0.165033 0.394437 0.418 0.676

L47.Water 0.746874 0.871587 0.857 0.391

L47.Temp -0.075825 0.566157 -0.134 0.893

L47.Precip. horaria -0.007484 0.007558 -0.990 0.322

L47.Temp. prom aire 0.000227 0.000662 0.343 0.731

L48.Conduct -0.016865 0.092104 -0.183 0.855

L48.Water -0.196805 0.196452 -1.002 0.316

L48.Temp 0.010723 0.128617 0.083 0.934

L48.Precip. horaria 0.014641 0.007184 2.038 0.042

L48.Temp. prom aire 0.000449 0.000602 0.746 0.455

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.018934 0.012875 1.471 0.141

L1.Conduct -0.384416 0.098657 -3.896 0.000

L1.Water 4.798817 0.186911 25.674 0.000

L1.Temp -0.113344 0.062700 -1.808 0.071

L1.Precip. horaria -0.003401 0.003121 -1.089 0.276

L1.Temp. prom aire -0.000361 0.000298 -1.212 0.225

L2.Conduct 1.783647 0.460994 3.869 0.000

L2.Water -10.419771 0.867305 -12.014 0.000

L2.Temp 0.561823 0.264212 2.126 0.033

L2.Precip. horaria 0.000979 0.003201 0.306 0.760

L2.Temp. prom aire 0.000161 0.000319 0.506 0.613

L3.Conduct -3.652830 1.021051 -3.578 0.000

L3.Water 13.972694 1.896821 7.366 0.000

L3.Temp -1.290369 0.527280 -2.447 0.014

L3.Precip. horaria 0.000955 0.003156 0.303 0.762

L3.Temp. prom aire -0.000073 0.000314 -0.233 0.816

L4.Conduct 4.566763 1.494395 3.056 0.002

L4.Water -13.724049 2.735391 -5.017 0.000

L4.Temp 1.821902 0.696723 2.615 0.009

L4.Precip. horaria -0.002654 0.003156 -0.841 0.400

L4.Temp. prom aire 0.000343 0.000317 1.084 0.278

L5.Conduct -4.465240 1.733131 -2.576 0.010

L5.Water 12.014481 3.147015 3.818 0.000

L5.Temp -1.799480 0.717997 -2.506 0.012

L5.Precip. horaria 0.000944 0.003040 0.310 0.756

L5.Temp. prom aire -0.000172 0.000318 -0.541 0.589

L6.Conduct 4.399854 1.831197 2.403 0.016

L6.Water -11.188597 3.337469 -3.352 0.001

L6.Temp 1.394548 0.672286 2.074 0.038

L6.Precip. horaria 0.002082 0.003155 0.660 0.509

L6.Temp. prom aire -0.000071 0.000315 -0.224 0.823

L7.Conduct -4.409120 1.884113 -2.340 0.019

L7.Water 9.077389 3.457281 2.626 0.009

L7.Temp -0.870387 0.711554 -1.223 0.221

L7.Precip. horaria -0.003054 0.003213 -0.950 0.342

L7.Temp. prom aire 0.000237 0.000312 0.758 0.448

L8.Conduct 3.245778 1.931534 1.680 0.093

L8.Water -2.217367 3.529756 -0.628 0.530

L8.Temp 0.121304 0.894846 0.136 0.892

L8.Precip. horaria -0.001582 0.003471 -0.456 0.649

L8.Temp. prom aire -0.000325 0.000318 -1.022 0.307

L9.Conduct -0.399937 2.161061 -0.185 0.853

L9.Water -6.809449 3.863976 -1.762 0.078

L9.Temp 1.063070 1.168653 0.910 0.363

L9.Precip. horaria 0.007525 0.003411 2.206 0.027

L9.Temp. prom aire -0.000361 0.000314 -1.148 0.251

L10.Conduct -2.229464 2.693829 -0.828 0.408

L10.Water 11.530418 4.741594 2.432 0.015

L10.Temp -2.559534 1.450594 -1.764 0.078

L10.Precip. horaria -0.006285 0.003539 -1.776 0.076

L10.Temp. prom aire 0.000023 0.000318 0.074 0.941

L11.Conduct 2.805332 3.196573 0.878 0.380

L11.Water -10.323681 5.584896 -1.849 0.065

L11.Temp 3.880763 1.614793 2.403 0.016

L11.Precip. horaria -0.003376 0.003626 -0.931 0.352

L11.Temp. prom aire 0.000095 0.000324 0.295 0.768

L12.Conduct -2.401241 3.402158 -0.706 0.480

L12.Water 8.197431 5.955329 1.376 0.169

L12.Temp -4.534694 1.610977 -2.815 0.005

L12.Precip. horaria 0.004908 0.003520 1.394 0.163

L12.Temp. prom aire 0.000068 0.000325 0.210 0.834

L13.Conduct 2.893407 3.444343 0.840 0.401

L13.Water -9.848072 6.106506 -1.613 0.107

L13.Temp 4.390802 1.540497 2.850 0.004

L13.Precip. horaria -0.002541 0.003515 -0.723 0.470

L13.Temp. prom aire 0.000267 0.000323 0.826 0.409

L14.Conduct -4.363804 3.506432 -1.245 0.213

L14.Water 12.679193 6.284786 2.017 0.044

L14.Temp -3.594406 1.550477 -2.318 0.020

L14.Precip. horaria 0.000406 0.003432 0.118 0.906

L14.Temp. prom aire 0.000408 0.000320 1.273 0.203

L15.Conduct 4.943740 3.554520 1.391 0.164

L15.Water -10.053950 6.398049 -1.571 0.116

L15.Temp 2.341480 1.669781 1.402 0.161

L15.Precip. horaria 0.000426 0.003359 0.127 0.899

L15.Temp. prom aire -0.000076 0.000323 -0.234 0.815

L16.Conduct -2.840651 3.581432 -0.793 0.428

L16.Water 1.583738 6.442352 0.246 0.806

L16.Temp -0.837305 1.834197 -0.456 0.648

L16.Precip. horaria 0.008674 0.003341 2.597 0.009

L16.Temp. prom aire 0.000144 0.000323 0.445 0.656

L17.Conduct -0.484451 3.684744 -0.131 0.895

L17.Water 5.722011 6.608334 0.866 0.387

L17.Temp -0.902453 2.023735 -0.446 0.656

L17.Precip. horaria 0.001558 0.003420 0.456 0.649

L17.Temp. prom aire 0.000028 0.000326 0.086 0.931

L18.Conduct 2.180912 3.830037 0.569 0.569

L18.Water -7.335685 6.789296 -1.080 0.280

L18.Temp 2.762060 2.213944 1.248 0.212

L18.Precip. horaria 0.003677 0.003339 1.101 0.271

L18.Temp. prom aire 0.000575 0.000324 1.772 0.076

L19.Conduct -2.526858 3.854345 -0.656 0.512

L19.Water 7.449948 6.728334 1.107 0.268

L19.Temp -4.094392 2.301199 -1.779 0.075

L19.Precip. horaria -0.007739 0.003498 -2.213 0.027

L19.Temp. prom aire -0.000066 0.000328 -0.201 0.841

L20.Conduct 3.689449 3.803056 0.970 0.332

L20.Water -11.699868 6.642724 -1.761 0.078

L20.Temp 4.521276 2.259141 2.001 0.045

L20.Precip. horaria 0.010576 0.003564 2.967 0.003

L20.Temp. prom aire 0.000316 0.000325 0.973 0.331

L21.Conduct -5.887186 3.841421 -1.533 0.125

L21.Water 16.796222 6.807537 2.467 0.014

L21.Temp -4.479825 2.180142 -2.055 0.040

L21.Precip. horaria -0.001936 0.003480 -0.556 0.578

L21.Temp. prom aire -0.000782 0.000327 -2.390 0.017

L22.Conduct 7.218188 3.930239 1.837 0.066

L22.Water -15.797037 7.065695 -2.236 0.025

L22.Temp 4.402822 2.151836 2.046 0.041

L22.Precip. horaria 0.006067 0.003591 1.689 0.091

L22.Temp. prom aire 0.001075 0.000333 3.227 0.001

L23.Conduct -6.514943 3.982635 -1.636 0.102

L23.Water 9.503984 7.248082 1.311 0.190

L23.Temp -4.217180 2.171500 -1.942 0.052

L23.Precip. horaria -0.008588 0.003405 -2.522 0.012

L23.Temp. prom aire -0.000263 0.000345 -0.762 0.446

L24.Conduct 4.703466 4.022987 1.169 0.242

L24.Water -3.932696 7.415358 -0.530 0.596

L24.Temp 3.552962 2.242118 1.585 0.113

L24.Precip. horaria 0.011644 0.003496 3.331 0.001

L24.Temp. prom aire 0.000073 0.000343 0.214 0.831

L25.Conduct -2.933186 4.043559 -0.725 0.468

L25.Water 1.838234 7.436482 0.247 0.805

L25.Temp -2.206037 2.410874 -0.915 0.360

L25.Precip. horaria -0.008474 0.003593 -2.359 0.018

L25.Temp. prom aire 0.000360 0.000345 1.045 0.296

L26.Conduct 1.693879 3.898767 0.434 0.664

L26.Water -1.417813 7.034541 -0.202 0.840

L26.Temp 0.524062 2.570330 0.204 0.838

L26.Precip. horaria -0.001120 0.003592 -0.312 0.755

L26.Temp. prom aire 0.000066 0.000348 0.189 0.850

L27.Conduct -1.311459 3.513916 -0.373 0.709

L27.Water 0.459577 6.234475 0.074 0.941

L27.Temp 0.983111 2.565677 0.383 0.702

L27.Precip. horaria -0.003739 0.003572 -1.047 0.295

L27.Temp. prom aire -0.000898 0.000351 -2.560 0.010

L28.Conduct 1.305234 3.088492 0.423 0.673

L28.Water 0.265594 5.438086 0.049 0.961

L28.Temp -2.161305 2.428949 -0.890 0.374

L28.Precip. horaria 0.004424 0.003634 1.217 0.224

L28.Temp. prom aire 0.001140 0.000344 3.314 0.001

L29.Conduct -0.795164 2.909514 -0.273 0.785

L29.Water 0.883033 5.123119 0.172 0.863

L29.Temp 3.162527 2.289569 1.381 0.167

L29.Precip. horaria -0.002726 0.003565 -0.765 0.445

L29.Temp. prom aire -0.000834 0.000350 -2.380 0.017

L30.Conduct -0.049358 2.945942 -0.017 0.987

L30.Water -3.249118 5.232128 -0.621 0.535

L30.Temp -4.119048 2.183043 -1.887 0.059

L30.Precip. horaria 0.003937 0.003374 1.167 0.243

L30.Temp. prom aire 0.000337 0.000354 0.951 0.341

L31.Conduct 0.238317 2.979924 0.080 0.936

L31.Water 5.098692 5.386321 0.947 0.344

L31.Temp 4.721602 2.087605 2.262 0.024

L31.Precip. horaria 0.005811 0.003237 1.795 0.073

L31.Temp. prom aire -0.000486 0.000356 -1.365 0.172

L32.Conduct 0.317607 2.889659 0.110 0.912

L32.Water -5.073703 5.286179 -0.960 0.337

L32.Temp -4.449021 2.059269 -2.160 0.031

L32.Precip. horaria 0.002846 0.003286 0.866 0.387

L32.Temp. prom aire -0.000042 0.000360 -0.118 0.906

L33.Conduct -0.474083 2.669032 -0.178 0.859

L33.Water 3.393269 4.867170 0.697 0.486

L33.Temp 3.405848 2.122573 1.605 0.109

L33.Precip. horaria -0.003280 0.003275 -1.001 0.317

L33.Temp. prom aire 0.000472 0.000358 1.317 0.188

L34.Conduct -0.155190 2.331449 -0.067 0.947

L34.Water -2.284532 4.210458 -0.543 0.587

L34.Temp -2.247045 2.162050 -1.039 0.299

L34.Precip. horaria -0.001678 0.003302 -0.508 0.611

L34.Temp. prom aire 0.000238 0.000357 0.668 0.504

L35.Conduct 0.785986 1.981452 0.397 0.692

L35.Water 2.142524 3.559334 0.602 0.547

L35.Temp 1.274428 2.116865 0.602 0.547

L35.Precip. horaria -0.004266 0.003343 -1.276 0.202

L35.Temp. prom aire -0.000503 0.000357 -1.409 0.159

L36.Conduct -0.957968 1.775570 -0.540 0.590

L36.Water -1.021469 3.187345 -0.320 0.749

L36.Temp -0.278220 2.022825 -0.138 0.891

L36.Precip. horaria 0.002112 0.003332 0.634 0.526

L36.Temp. prom aire 0.000513 0.000355 1.443 0.149

L37.Conduct 0.664480 1.635439 0.406 0.685

L37.Water -1.002524 2.948392 -0.340 0.734

L37.Temp -0.669807 1.889552 -0.354 0.723

L37.Precip. horaria 0.000178 0.003300 0.054 0.957

L37.Temp. prom aire 0.000097 0.000360 0.269 0.788

L38.Conduct -0.217359 1.462887 -0.149 0.882

L38.Water 2.184741 2.703453 0.808 0.419

L38.Temp 1.021332 1.683242 0.607 0.544

L38.Precip. horaria -0.000893 0.003423 -0.261 0.794

L38.Temp. prom aire 0.000108 0.000358 0.302 0.763

L39.Conduct 0.202201 1.273608 0.159 0.874

L39.Water -2.167831 2.482465 -0.873 0.383

L39.Temp -0.710068 1.412726 -0.503 0.615

L39.Precip. horaria -0.007337 0.003484 -2.106 0.035

L39.Temp. prom aire -0.000255 0.000358 -0.711 0.477

L40.Conduct -0.649356 1.129962 -0.575 0.566

L40.Water 2.071545 2.355717 0.879 0.379

L40.Temp 0.340978 1.214132 0.281 0.779

L40.Precip. horaria 0.004849 0.003435 1.412 0.158

L40.Temp. prom aire -0.000016 0.000362 -0.044 0.965

L41.Conduct 1.006778 1.027249 0.980 0.327

L41.Water -2.689797 2.242486 -1.199 0.230

L41.Temp -0.311562 1.180794 -0.264 0.792

L41.Precip. horaria -0.006599 0.003518 -1.876 0.061

L41.Temp. prom aire -0.000033 0.000359 -0.092 0.926

L42.Conduct -0.900498 0.902602 -0.998 0.318

L42.Water 3.145436 2.013506 1.562 0.118

L42.Temp 0.488888 1.193337 0.410 0.682

L42.Precip. horaria 0.005978 0.003721 1.607 0.108

L42.Temp. prom aire 0.000373 0.000353 1.057 0.291

L43.Conduct 0.560792 0.772090 0.726 0.468

L43.Water -2.365625 1.744688 -1.356 0.175

L43.Temp -0.568831 1.170718 -0.486 0.627

L43.Precip. horaria -0.002967 0.003782 -0.785 0.433

L43.Temp. prom aire -0.000099 0.000354 -0.279 0.780

L44.Conduct -0.473408 0.674507 -0.702 0.483

L44.Water 0.960849 1.530938 0.628 0.530

L44.Temp 0.495904 1.092228 0.454 0.650

L44.Precip. horaria -0.001089 0.003795 -0.287 0.774

L44.Temp. prom aire 0.000118 0.000352 0.335 0.738

L45.Conduct 0.565556 0.576361 0.981 0.326

L45.Water 0.010336 1.312715 0.008 0.994

L45.Temp -0.435731 0.922253 -0.472 0.637

L45.Precip. horaria -0.002059 0.003780 -0.545 0.586

L45.Temp. prom aire 0.000137 0.000354 0.387 0.699

L46.Conduct -0.447751 0.419429 -1.068 0.286

L46.Water -0.340015 0.950066 -0.358 0.720

L46.Temp 0.370504 0.635720 0.583 0.560

L46.Precip. horaria 0.011751 0.004001 2.937 0.003

L46.Temp. prom aire 0.000074 0.000355 0.208 0.836

L47.Conduct 0.182961 0.208678 0.877 0.381

L47.Water 0.244707 0.461116 0.531 0.596

L47.Temp -0.205339 0.299527 -0.686 0.493

L47.Precip. horaria -0.007869 0.003998 -1.968 0.049

L47.Temp. prom aire -0.000042 0.000350 -0.119 0.905

L48.Conduct -0.030041 0.048728 -0.616 0.538

L48.Water -0.062595 0.103934 -0.602 0.547

L48.Temp 0.049505 0.068045 0.728 0.467

L48.Precip. horaria 0.009715 0.003801 2.556 0.011

L48.Temp. prom aire 0.000232 0.000318 0.728 0.467

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.004189 0.014671 -0.286 0.775

L1.Conduct 0.000017 0.112414 0.000 1.000

L1.Water -0.037320 0.212974 -0.175 0.861

L1.Temp 4.069031 0.071443 56.955 0.000

L1.Precip. horaria -0.007592 0.003557 -2.135 0.033

L1.Temp. prom aire 0.000716 0.000340 2.108 0.035

L2.Conduct -0.265107 0.525275 -0.505 0.614

L2.Water 0.655248 0.988242 0.663 0.507

L2.Temp -7.187004 0.301054 -23.873 0.000

L2.Precip. horaria 0.005069 0.003647 1.390 0.165

L2.Temp. prom aire -0.000035 0.000363 -0.095 0.924

L3.Conduct 1.233291 1.163426 1.060 0.289

L3.Water -2.575166 2.161313 -1.191 0.233

L3.Temp 7.356808 0.600804 12.245 0.000

L3.Precip. horaria 0.002923 0.003596 0.813 0.416

L3.Temp. prom aire -0.000451 0.000358 -1.258 0.208

L4.Conduct -2.530782 1.702773 -1.486 0.137

L4.Water 4.828208 3.116813 1.549 0.121

L4.Temp -4.681405 0.793873 -5.897 0.000

L4.Precip. horaria -0.000877 0.003596 -0.244 0.807

L4.Temp. prom aire 0.000053 0.000361 0.146 0.884

L5.Conduct 3.271363 1.974798 1.657 0.098

L5.Water -5.499139 3.585834 -1.534 0.125

L5.Temp 1.415774 0.818115 1.731 0.084

L5.Precip. horaria 0.001174 0.003464 0.339 0.735

L5.Temp. prom aire -0.000531 0.000362 -1.468 0.142

L6.Conduct -3.716580 2.086538 -1.781 0.075

L6.Water 5.222915 3.802844 1.373 0.170

L6.Temp 0.740467 0.766029 0.967 0.334

L6.Precip. horaria -0.000884 0.003595 -0.246 0.806

L6.Temp. prom aire 0.000363 0.000359 1.013 0.311

L7.Conduct 5.043127 2.146833 2.349 0.019

L7.Water -6.891357 3.939364 -1.749 0.080

L7.Temp -2.840439 0.810773 -3.503 0.000

L7.Precip. horaria -0.001281 0.003661 -0.350 0.726

L7.Temp. prom aire 0.000313 0.000356 0.880 0.379

L8.Conduct -7.251479 2.200867 -3.295 0.001

L8.Water 10.901414 4.021944 2.710 0.007

L8.Temp 6.640485 1.019623 6.513 0.000

L8.Precip. horaria -0.006366 0.003955 -1.610 0.107

L8.Temp. prom aire -0.000448 0.000362 -1.239 0.215

L9.Conduct 8.236861 2.462398 3.345 0.001

L9.Water -12.825562 4.402767 -2.913 0.004

L9.Temp -10.015373 1.331609 -7.521 0.000

L9.Precip. horaria 0.009660 0.003886 2.486 0.013

L9.Temp. prom aire 0.000464 0.000358 1.295 0.195

L10.Conduct -5.733799 3.069455 -1.868 0.062

L10.Water 7.918351 5.402760 1.466 0.143

L10.Temp 9.644898 1.652864 5.835 0.000

L10.Precip. horaria -0.007740 0.004032 -1.920 0.055

L10.Temp. prom aire -0.000726 0.000362 -2.003 0.045

L11.Conduct 0.127577 3.642302 0.035 0.972

L11.Water 2.784154 6.363652 0.438 0.662

L11.Temp -5.632023 1.839959 -3.061 0.002

L11.Precip. horaria 0.004679 0.004132 1.132 0.258

L11.Temp. prom aire -0.000365 0.000369 -0.990 0.322

L12.Conduct 6.018786 3.876553 1.553 0.121

L12.Water -13.661284 6.785739 -2.013 0.044

L12.Temp 1.059436 1.835611 0.577 0.564

L12.Precip. horaria -0.003918 0.004011 -0.977 0.329

L12.Temp. prom aire 0.000094 0.000370 0.254 0.799

L13.Conduct -10.832005 3.924621 -2.760 0.006

L13.Water 21.171065 6.957996 3.043 0.002

L13.Temp 0.737716 1.755303 0.420 0.674

L13.Precip. horaria 0.002692 0.004005 0.672 0.501

L13.Temp. prom aire -0.000014 0.000368 -0.039 0.969

L14.Conduct 14.170416 3.995368 3.547 0.000

L14.Water -26.329742 7.161135 -3.677 0.000

L14.Temp -0.702089 1.766674 -0.397 0.691

L14.Precip. horaria 0.003559 0.003910 0.910 0.363

L14.Temp. prom aire 0.000057 0.000365 0.157 0.875

L15.Conduct -16.457723 4.050161 -4.063 0.000

L15.Water 30.723766 7.290191 4.214 0.000

L15.Temp 3.031388 1.902614 1.593 0.111

L15.Precip. horaria 0.005505 0.003828 1.438 0.150

L15.Temp. prom aire 0.000129 0.000368 0.351 0.725

L16.Conduct 16.891232 4.080826 4.139 0.000

L16.Water -31.711984 7.340672 -4.320 0.000

L16.Temp -7.760511 2.089957 -3.713 0.000

L16.Precip. horaria 0.001204 0.003806 0.316 0.752

L16.Temp. prom aire -0.000800 0.000369 -2.170 0.030

L17.Conduct -13.547392 4.198544 -3.227 0.001

L17.Water 24.289982 7.529798 3.226 0.001

L17.Temp 10.591926 2.305923 4.593 0.000

L17.Precip. horaria 0.006534 0.003897 1.677 0.094

L17.Temp. prom aire -0.000049 0.000372 -0.132 0.895

L18.Conduct 6.193469 4.364097 1.419 0.156

L18.Water -8.684798 7.735993 -1.123 0.262

L18.Temp -8.913011 2.522656 -3.533 0.000

L18.Precip. horaria -0.012789 0.003804 -3.362 0.001

L18.Temp. prom aire -0.000057 0.000370 -0.153 0.878

L19.Conduct 2.542915 4.391794 0.579 0.563

L19.Water -8.352211 7.666530 -1.089 0.276

L19.Temp 5.140548 2.622077 1.960 0.050

L19.Precip. horaria 0.006970 0.003985 1.749 0.080

L19.Temp. prom aire 0.000233 0.000373 0.625 0.532

L20.Conduct -9.745237 4.333353 -2.249 0.025

L20.Water 21.034893 7.568983 2.779 0.005

L20.Temp -3.882823 2.574155 -1.508 0.131

L20.Precip. horaria -0.009158 0.004061 -2.255 0.024

L20.Temp. prom aire 0.000068 0.000370 0.185 0.853

L21.Conduct 15.266991 4.377068 3.488 0.000

L21.Water -30.667095 7.756777 -3.954 0.000

L21.Temp 4.715082 2.484140 1.898 0.058

L21.Precip. horaria 0.000316 0.003966 0.080 0.936

L21.Temp. prom aire 0.000148 0.000373 0.398 0.691

L22.Conduct -20.691859 4.478270 -4.621 0.000

L22.Water 41.401145 8.050933 5.142 0.000

L22.Temp -2.962338 2.451888 -1.208 0.227

L22.Precip. horaria 0.000699 0.004092 0.171 0.864

L22.Temp. prom aire -0.000656 0.000380 -1.729 0.084

L23.Conduct 25.130144 4.537973 5.538 0.000

L23.Water -50.315887 8.258752 -6.092 0.000

L23.Temp -2.509312 2.474293 -1.014 0.311

L23.Precip. horaria -0.009347 0.003879 -2.410 0.016

L23.Temp. prom aire -0.000270 0.000393 -0.687 0.492

L24.Conduct -25.124725 4.583951 -5.481 0.000

L24.Water 49.045794 8.449354 5.805 0.000

L24.Temp 7.925614 2.554758 3.102 0.002

L24.Precip. horaria -0.000709 0.003984 -0.178 0.859

L24.Temp. prom aire 0.000893 0.000391 2.283 0.022

L25.Conduct 18.985577 4.607391 4.121 0.000

L25.Water -35.095177 8.473423 -4.142 0.000

L25.Temp -9.134056 2.747046 -3.325 0.001

L25.Precip. horaria 0.002670 0.004094 0.652 0.514

L25.Temp. prom aire -0.000399 0.000393 -1.017 0.309

L26.Conduct -8.769023 4.442410 -1.974 0.048

L26.Water 14.540111 8.015435 1.814 0.070

L26.Temp 6.607400 2.928736 2.256 0.024

L26.Precip. horaria -0.001669 0.004093 -0.408 0.683

L26.Temp. prom aire 0.000152 0.000396 0.384 0.701

L27.Conduct -2.039735 4.003895 -0.509 0.610

L27.Water 5.403803 7.103808 0.761 0.447

L27.Temp -4.855401 2.923434 -1.661 0.097

L27.Precip. horaria 0.009474 0.004070 2.328 0.020

L27.Temp. prom aire -0.000288 0.000400 -0.721 0.471

L28.Conduct 11.514179 3.519150 3.272 0.001

L28.Water -22.369682 6.196371 -3.610 0.000

L28.Temp 5.408458 2.767641 1.954 0.051

L28.Precip. horaria 0.001421 0.004141 0.343 0.732

L28.Temp. prom aire -0.000153 0.000392 -0.390 0.696

L29.Conduct -19.075093 3.315216 -5.754 0.000

L29.Water 36.504175 5.837485 6.253 0.000

L29.Temp -5.405756 2.608826 -2.072 0.038

L29.Precip. horaria -0.000125 0.004062 -0.031 0.975

L29.Temp. prom aire 0.000281 0.000399 0.704 0.481

L30.Conduct 23.339975 3.356723 6.953 0.000

L30.Water -44.748678 5.961694 -7.506 0.000

L30.Temp 2.651143 2.487446 1.066 0.287

L30.Precip. horaria -0.002210 0.003845 -0.575 0.565

L30.Temp. prom aire 0.000161 0.000404 0.400 0.689

L31.Conduct -22.695550 3.395444 -6.684 0.000

L31.Water 42.748150 6.137388 6.965 0.000

L31.Temp 1.510373 2.378700 0.635 0.525

L31.Precip. horaria 0.005270 0.003688 1.429 0.153

L31.Temp. prom aire -0.000400 0.000406 -0.986 0.324

L32.Conduct 17.651622 3.292592 5.361 0.000

L32.Water -31.782022 6.023282 -5.277 0.000

L32.Temp -3.355390 2.346413 -1.430 0.153

L32.Precip. horaria -0.003682 0.003745 -0.983 0.325

L32.Temp. prom aire 0.000583 0.000410 1.421 0.155

L33.Conduct -10.852292 3.041201 -3.568 0.000

L33.Water 18.457676 5.545847 3.328 0.001

L33.Temp 1.938721 2.418544 0.802 0.423

L33.Precip. horaria -0.001030 0.003732 -0.276 0.782

L33.Temp. prom aire -0.000133 0.000408 -0.325 0.745

L34.Conduct 5.166700 2.656545 1.945 0.052

L34.Water -8.820878 4.797563 -1.839 0.066

L34.Temp -0.758810 2.463526 -0.308 0.758

L34.Precip. horaria -0.003235 0.003762 -0.860 0.390

L34.Temp. prom aire -0.000530 0.000406 -1.305 0.192

L35.Conduct -2.002115 2.257745 -0.887 0.375

L35.Water 4.713801 4.055646 1.162 0.245

L35.Temp 1.962652 2.412040 0.814 0.416

L35.Precip. horaria -0.004592 0.003809 -1.206 0.228

L35.Temp. prom aire 0.000117 0.000407 0.288 0.774

L36.Conduct 1.095514 2.023155 0.541 0.588

L36.Water -4.133222 3.631787 -1.138 0.255

L36.Temp -3.794983 2.304888 -1.646 0.100

L36.Precip. horaria -0.010339 0.003796 -2.724 0.006

L36.Temp. prom aire 0.000274 0.000405 0.677 0.498

L37.Conduct -1.655957 1.863485 -0.889 0.374

L37.Water 4.989769 3.359515 1.485 0.137

L37.Temp 3.818881 2.153030 1.774 0.076

L37.Precip. horaria 0.014755 0.003761 3.924 0.000

L37.Temp. prom aire -0.000400 0.000410 -0.976 0.329

L38.Conduct 2.815179 1.666872 1.689 0.091

L38.Water -6.696605 3.080422 -2.174 0.030

L38.Temp -1.834877 1.917953 -0.957 0.339

L38.Precip. horaria -0.016487 0.003901 -4.227 0.000

L38.Temp. prom aire 0.000448 0.000408 1.099 0.272

L39.Conduct -3.505951 1.451200 -2.416 0.016

L39.Water 8.043698 2.828619 2.844 0.004

L39.Temp 0.269840 1.609716 0.168 0.867

L39.Precip. horaria 0.005537 0.003970 1.395 0.163

L39.Temp. prom aire -0.000658 0.000408 -1.613 0.107

L40.Conduct 3.234573 1.287523 2.512 0.012

L40.Water -7.550174 2.684198 -2.813 0.005

L40.Temp -0.648680 1.383430 -0.469 0.639

L40.Precip. horaria 0.005350 0.003913 1.367 0.172

L40.Temp. prom aire -0.000269 0.000413 -0.652 0.514

L41.Conduct -2.505387 1.170488 -2.140 0.032

L41.Water 5.562360 2.555177 2.177 0.029

L41.Temp 1.413141 1.345444 1.050 0.294

L41.Precip. horaria -0.007257 0.004008 -1.810 0.070

L41.Temp. prom aire 0.000148 0.000409 0.362 0.718

L42.Conduct 2.017517 1.028461 1.962 0.050

L42.Water -3.751860 2.294268 -1.635 0.102

L42.Temp -1.009301 1.359735 -0.742 0.458

L42.Precip. horaria 0.002763 0.004240 0.652 0.515

L42.Temp. prom aire -0.000569 0.000402 -1.417 0.157

L43.Conduct -1.912696 0.879750 -2.174 0.030

L43.Water 3.232859 1.987967 1.626 0.104

L43.Temp -0.104826 1.333963 -0.079 0.937

L43.Precip. horaria -0.002683 0.004309 -0.623 0.533

L43.Temp. prom aire 0.000179 0.000403 0.444 0.657

L44.Conduct 1.801156 0.768561 2.344 0.019

L44.Water -3.474691 1.744411 -1.992 0.046

L44.Temp 0.693793 1.244527 0.557 0.577

L44.Precip. horaria -0.001412 0.004324 -0.327 0.744

L44.Temp. prom aire 0.000394 0.000401 0.981 0.327

L45.Conduct -1.388954 0.656728 -2.115 0.034

L45.Water 3.175895 1.495760 2.123 0.034

L45.Temp -0.264296 1.050852 -0.252 0.801

L45.Precip. horaria -0.001925 0.004307 -0.447 0.655

L45.Temp. prom aire -0.000475 0.000403 -1.179 0.238

L46.Conduct 0.816542 0.477915 1.709 0.088

L46.Water -2.064888 1.082542 -1.907 0.056

L46.Temp -0.340480 0.724364 -0.470 0.638

L46.Precip. horaria -0.004687 0.004559 -1.028 0.304

L46.Temp. prom aire 0.000223 0.000404 0.552 0.581

L47.Conduct -0.329000 0.237776 -1.384 0.166

L47.Water 0.868419 0.525414 1.653 0.098

L47.Temp 0.343040 0.341293 1.005 0.315

L47.Precip. horaria -0.001123 0.004556 -0.246 0.805

L47.Temp. prom aire -0.000100 0.000399 -0.250 0.802

L48.Conduct 0.064415 0.055523 1.160 0.246

L48.Water -0.178293 0.118426 -1.506 0.132

L48.Temp -0.092166 0.077533 -1.189 0.235

L48.Precip. horaria -0.000484 0.004331 -0.112 0.911

L48.Temp. prom aire 0.000211 0.000363 0.583 0.560

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.163679 0.294292 -0.556 0.578

L1.Conduct 2.266635 2.254976 1.005 0.315

L1.Water -5.099662 4.272175 -1.194 0.233

L1.Temp -1.931607 1.433114 -1.348 0.178

L1.Precip. horaria 0.193816 0.071347 2.717 0.007

L1.Temp. prom aire 0.000426 0.006815 0.062 0.950

L2.Conduct -10.211964 10.536824 -0.969 0.332

L2.Water 16.401119 19.823775 0.827 0.408

L2.Temp 7.185076 6.039036 1.190 0.234

L2.Precip. horaria -0.120587 0.073166 -1.648 0.099

L2.Temp. prom aire 0.007382 0.007290 1.013 0.311

L3.Conduct 33.765108 23.337905 1.447 0.148

L3.Water -44.806618 43.355164 -1.033 0.301

L3.Temp -11.711284 12.051914 -0.972 0.331

L3.Precip. horaria 0.153248 0.072127 2.125 0.034

L3.Temp. prom aire -0.010780 0.007184 -1.501 0.133

L4.Conduct -78.585946 34.157014 -2.301 0.021

L4.Water 117.563663 62.522148 1.880 0.060

L4.Temp 9.964671 15.924813 0.626 0.531

L4.Precip. horaria -0.170760 0.072135 -2.367 0.018

L4.Temp. prom aire 0.002908 0.007236 0.402 0.688

L5.Conduct 116.857176 39.613728 2.950 0.003

L5.Water -200.915538 71.930524 -2.793 0.005

L5.Temp -0.070110 16.411083 -0.004 0.997

L5.Precip. horaria 0.160255 0.069487 2.306 0.021

L5.Temp. prom aire -0.002291 0.007263 -0.316 0.752

L6.Conduct -112.018124 41.855204 -2.676 0.007

L6.Water 211.704064 76.283675 2.775 0.006

L6.Temp -14.089114 15.366265 -0.917 0.359

L6.Precip. horaria -0.252131 0.072106 -3.497 0.000

L6.Temp. prom aire 0.000205 0.007200 0.028 0.977

L7.Conduct 56.748996 43.064695 1.318 0.188

L7.Water -117.530488 79.022207 -1.487 0.137

L7.Temp 24.545399 16.263805 1.509 0.131

L7.Precip. horaria 0.422432 0.073438 5.752 0.000

L7.Temp. prom aire 0.003088 0.007140 0.432 0.665

L8.Conduct 27.904320 44.148592 0.632 0.527

L8.Water -40.571355 80.678743 -0.503 0.615

L8.Temp -28.475173 20.453264 -1.392 0.164

L8.Precip. horaria -0.069094 0.079337 -0.871 0.384

L8.Temp. prom aire 0.003175 0.007257 0.437 0.662

L9.Conduct -96.860367 49.394817 -1.961 0.050

L9.Water 163.292213 88.317914 1.849 0.064

L9.Temp 29.585600 26.711603 1.108 0.268

L9.Precip. horaria 0.198058 0.077960 2.540 0.011

L9.Temp. prom aire 0.007415 0.007186 1.032 0.302

L10.Conduct 108.742684 61.572159 1.766 0.077

L10.Water -170.673176 108.377410 -1.575 0.115

L10.Temp -29.018125 33.155857 -0.875 0.381

L10.Precip. horaria -0.120979 0.080881 -1.496 0.135

L10.Temp. prom aire -0.004644 0.007266 -0.639 0.523

L11.Conduct -63.621459 73.063262 -0.871 0.384

L11.Water 83.258925 127.652550 0.652 0.514

L11.Temp 22.281952 36.908914 0.604 0.546

L11.Precip. horaria 0.082540 0.082889 0.996 0.319

L11.Temp. prom aire -0.007934 0.007397 -1.073 0.283

L12.Conduct -4.178371 77.762255 -0.054 0.957

L12.Water 25.200762 136.119458 0.185 0.853

L12.Temp -4.078267 36.821688 -0.111 0.912

L12.Precip. horaria -0.201182 0.080463 -2.500 0.012

L12.Temp. prom aire 0.008474 0.007427 1.141 0.254

L13.Conduct 61.636990 78.726478 0.783 0.434

L13.Water -105.208082 139.574872 -0.754 0.451

L13.Temp -21.783883 35.210747 -0.619 0.536

L13.Precip. horaria 0.127411 0.080345 1.586 0.113

L13.Temp. prom aire 0.001272 0.007377 0.172 0.863

L14.Conduct -104.540743 80.145630 -1.304 0.192

L14.Water 169.217438 143.649770 1.178 0.239

L14.Temp 41.329067 35.438850 1.166 0.244

L14.Precip. horaria -0.089022 0.078438 -1.135 0.256

L14.Temp. prom aire -0.003188 0.007325 -0.435 0.663

L15.Conduct 141.963173 81.244760 1.747 0.081

L15.Water -247.567879 146.238581 -1.693 0.090

L15.Temp -47.830887 38.165754 -1.253 0.210

L15.Precip. horaria 0.061819 0.076786 0.805 0.421

L15.Temp. prom aire -0.009003 0.007391 -1.218 0.223

L16.Conduct -153.880263 81.859897 -1.880 0.060

L16.Water 282.912543 147.251221 1.921 0.055

L16.Temp 47.866677 41.923782 1.142 0.254

L16.Precip. horaria -0.103072 0.076355 -1.350 0.177

L16.Temp. prom aire 0.002015 0.007394 0.273 0.785

L17.Conduct 107.389952 84.221267 1.275 0.202

L17.Water -187.318753 151.045028 -1.240 0.215

L17.Temp -47.351189 46.255988 -1.024 0.306

L17.Precip. horaria -0.108745 0.078167 -1.391 0.164

L17.Temp. prom aire 0.007166 0.007456 0.961 0.336

L18.Conduct -10.756758 87.542196 -0.123 0.902

L18.Water -9.598070 155.181222 -0.062 0.951

L18.Temp 43.336106 50.603566 0.856 0.392

L18.Precip. horaria 0.134388 0.076313 1.761 0.078

L18.Temp. prom aire -0.004874 0.007412 -0.658 0.511

L19.Conduct -84.653392 88.097797 -0.961 0.337

L19.Water 180.022917 153.787822 1.171 0.242

L19.Temp -27.903947 52.597922 -0.531 0.596

L19.Precip. horaria -0.133077 0.079946 -1.665 0.096

L19.Temp. prom aire -0.004841 0.007486 -0.647 0.518

L20.Conduct 131.518455 86.925489 1.513 0.130

L20.Water -233.914563 151.831055 -1.541 0.123

L20.Temp 1.374629 51.636626 0.027 0.979

L20.Precip. horaria 0.136744 0.081459 1.679 0.093

L20.Temp. prom aire 0.008332 0.007423 1.122 0.262

L21.Conduct -130.937054 87.802394 -1.491 0.136

L21.Water 208.912196 155.598141 1.343 0.179

L21.Temp 26.271708 49.830947 0.527 0.598

L21.Precip. horaria -0.196584 0.079547 -2.471 0.013

L21.Temp. prom aire 0.007899 0.007481 1.056 0.291

L22.Conduct 124.436056 89.832471 1.385 0.166

L22.Water -200.221760 161.498804 -1.240 0.215

L22.Temp -50.814162 49.183976 -1.033 0.302

L22.Precip. horaria -0.116048 0.082087 -1.414 0.157

L22.Temp. prom aire -0.008859 0.007615 -1.163 0.245

L23.Conduct -131.428285 91.030090 -1.444 0.149

L23.Water 216.525143 165.667574 1.307 0.191

L23.Temp 73.097718 49.633417 1.473 0.141

L23.Precip. horaria 0.104097 0.077817 1.338 0.181

L23.Temp. prom aire -0.002229 0.007891 -0.282 0.778

L24.Conduct 126.022734 91.952397 1.371 0.171

L24.Water -196.318621 169.490971 -1.158 0.247

L24.Temp -89.205403 51.247526 -1.741 0.082

L24.Precip. horaria -0.082705 0.079911 -1.035 0.301

L24.Temp. prom aire 0.005211 0.007851 0.664 0.507

L25.Conduct -85.659594 92.422595 -0.927 0.354

L25.Water 114.361854 169.973787 0.673 0.501

L25.Temp 92.984850 55.104738 1.687 0.092

L25.Precip. horaria -0.097877 0.082118 -1.192 0.233

L25.Temp. prom aire -0.013765 0.007875 -1.748 0.080

L26.Conduct 17.685011 89.113131 0.198 0.843

L26.Water -2.530403 160.786722 -0.016 0.987

L26.Temp -81.712270 58.749390 -1.391 0.164

L26.Precip. horaria 0.101529 0.082108 1.237 0.216

L26.Temp. prom aire -0.004446 0.007950 -0.559 0.576

L27.Conduct 49.472719 80.316685 0.616 0.538

L27.Water -83.097190 142.499814 -0.583 0.560

L27.Temp 58.796532 58.643021 1.003 0.316

L27.Precip. horaria -0.137150 0.081637 -1.680 0.093

L27.Temp. prom aire -0.001551 0.008018 -0.193 0.847

L28.Conduct -89.708533 70.592871 -1.271 0.204

L28.Water 125.380120 124.296947 1.009 0.313

L28.Temp -28.538958 55.517879 -0.514 0.607

L28.Precip. horaria -0.026268 0.083069 -0.316 0.752

L28.Temp. prom aire 0.005941 0.007860 0.756 0.450

L29.Conduct 109.582977 66.502029 1.648 0.099

L29.Water -161.073822 117.097841 -1.376 0.169

L29.Temp -6.426443 52.332107 -0.123 0.902

L29.Precip. horaria 0.040991 0.081491 0.503 0.615

L29.Temp. prom aire -0.006374 0.008007 -0.796 0.426

L30.Conduct -123.575680 67.334641 -1.835 0.066

L30.Water 198.631056 119.589420 1.661 0.097

L30.Temp 38.491516 49.897271 0.771 0.440

L30.Precip. horaria -0.085935 0.077121 -1.114 0.265

L30.Temp. prom aire -0.018405 0.008098 -2.273 0.023

L31.Conduct 122.039766 68.111376 1.792 0.073

L31.Water -196.332546 123.113779 -1.595 0.111

L31.Temp -59.434786 47.715865 -1.246 0.213

L31.Precip. horaria -0.088886 0.073977 -1.202 0.230

L31.Temp. prom aire 0.011601 0.008140 1.425 0.154

L32.Conduct -87.887947 66.048211 -1.331 0.183

L32.Water 121.571214 120.824856 1.006 0.314

L32.Temp 67.096285 47.068188 1.426 0.154

L32.Precip. horaria -0.044584 0.075115 -0.594 0.553

L32.Temp. prom aire 0.007748 0.008232 0.941 0.347

L33.Conduct 20.082042 61.005388 0.329 0.742

L33.Water 2.157174 111.247683 0.019 0.985

L33.Temp -62.244001 48.515115 -1.283 0.199

L33.Precip. horaria 0.079981 0.074865 1.068 0.285

L33.Temp. prom aire 0.000374 0.008192 0.046 0.964

L34.Conduct 45.251383 53.289334 0.849 0.396

L34.Water -93.335542 96.237384 -0.970 0.332

L34.Temp 47.775659 49.417431 0.967 0.334

L34.Precip. horaria -0.165709 0.075473 -2.196 0.028

L34.Temp. prom aire -0.004349 0.008152 -0.534 0.594

L35.Conduct -64.717386 45.289547 -1.429 0.153

L35.Water 103.712028 81.354786 1.275 0.202

L35.Temp -25.096674 48.384654 -0.519 0.604

L35.Precip. horaria 0.108598 0.076412 1.421 0.155

L35.Temp. prom aire -0.002638 0.008167 -0.323 0.747

L36.Conduct 43.918355 40.583766 1.082 0.279

L36.Water -66.377774 72.852336 -0.911 0.362

L36.Temp -4.454541 46.235208 -0.096 0.923

L36.Precip. horaria -0.023112 0.076151 -0.303 0.762

L36.Temp. prom aire -0.005746 0.008122 -0.707 0.479

L37.Conduct -10.658183 37.380825 -0.285 0.776

L37.Water 13.806354 67.390648 0.205 0.838

L37.Temp 30.097660 43.189001 0.697 0.486

L37.Precip. horaria -0.003737 0.075437 -0.050 0.960

L37.Temp. prom aire -0.001720 0.008217 -0.209 0.834

L38.Conduct -22.459306 33.436839 -0.672 0.502

L38.Water 48.714272 61.792143 0.788 0.430

L38.Temp -40.561479 38.473435 -1.054 0.292

L38.Precip. horaria -0.100106 0.078244 -1.279 0.201

L38.Temp. prom aire -0.003587 0.008187 -0.438 0.661

L39.Conduct 46.861497 29.110543 1.610 0.107

L39.Water -105.507157 56.741072 -1.859 0.063

L39.Temp 40.012805 32.290323 1.239 0.215

L39.Precip. horaria 0.125818 0.079629 1.580 0.114

L39.Temp. prom aire 0.008576 0.008188 1.047 0.295

L40.Conduct -59.315078 25.827248 -2.297 0.022

L40.Water 133.618226 53.844030 2.482 0.013

L40.Temp -39.459450 27.751100 -1.422 0.155

L40.Precip. horaria -0.023183 0.078503 -0.295 0.768

L40.Temp. prom aire -0.016600 0.008282 -2.004 0.045

L41.Conduct 60.845328 23.479572 2.591 0.010

L41.Water -122.480427 51.255929 -2.390 0.017

L41.Temp 40.503697 26.989114 1.501 0.133

L41.Precip. horaria 0.014425 0.080408 0.179 0.858

L41.Temp. prom aire 0.011261 0.008208 1.372 0.170

L42.Conduct -53.134679 20.630557 -2.576 0.010

L42.Water 90.890587 46.022187 1.975 0.048

L42.Temp -35.177939 27.275792 -1.290 0.197

L42.Precip. horaria 0.151728 0.085050 1.784 0.074

L42.Temp. prom aire -0.002252 0.008058 -0.280 0.780

L43.Conduct 42.574941 17.647466 2.413 0.016

L43.Water -65.467248 39.877899 -1.642 0.101

L43.Temp 21.058859 26.758808 0.787 0.431

L43.Precip. horaria -0.174961 0.086436 -2.024 0.043

L43.Temp. prom aire -0.003745 0.008086 -0.463 0.643

L44.Conduct -31.056948 15.417047 -2.014 0.044

L44.Water 47.134291 34.992254 1.347 0.178

L44.Temp -9.154042 24.964769 -0.367 0.714

L44.Precip. horaria 0.156752 0.086743 1.807 0.071

L44.Temp. prom aire 0.015152 0.008048 1.883 0.060

L45.Conduct 19.784639 13.173731 1.502 0.133

L45.Water -30.649178 30.004402 -1.021 0.307

L45.Temp 6.017427 21.079701 0.285 0.775

L45.Precip. horaria -0.023132 0.086401 -0.268 0.789

L45.Temp. prom aire -0.007913 0.008085 -0.979 0.328

L46.Conduct -12.754725 9.586792 -1.330 0.183

L46.Water 17.748763 21.715410 0.817 0.414

L46.Temp -5.053775 14.530489 -0.348 0.728

L46.Precip. horaria -0.063503 0.091455 -0.694 0.487

L46.Temp. prom aire -0.005900 0.008103 -0.728 0.467

L47.Conduct 7.414722 4.769698 1.555 0.120

L47.Water -7.824107 10.539606 -0.742 0.458

L47.Temp 2.462864 6.846213 0.360 0.719

L47.Precip. horaria 0.082001 0.091390 0.897 0.370

L47.Temp. prom aire 0.010484 0.008010 1.309 0.191

L48.Conduct -2.153570 1.113767 -1.934 0.053

L48.Water 1.684821 2.375588 0.709 0.478

L48.Temp -0.539958 1.555292 -0.347 0.728

L48.Precip. horaria 0.052952 0.086876 0.610 0.542

L48.Temp. prom aire -0.003551 0.007274 -0.488 0.625

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 5.275143 3.022037 1.746 0.081

L1.Conduct -3.174728 23.156006 -0.137 0.891

L1.Water 9.254676 43.870308 0.211 0.833

L1.Temp -7.037977 14.716426 -0.478 0.632

L1.Precip. horaria -0.266924 0.732651 -0.364 0.716

L1.Temp. prom aire 0.357014 0.069984 5.101 0.000

L2.Conduct 32.633872 108.201028 0.302 0.763

L2.Water -87.914784 203.567307 -0.432 0.666

L2.Temp 36.095774 62.013931 0.582 0.561

L2.Precip. horaria -0.617215 0.751333 -0.821 0.411

L2.Temp. prom aire 0.111513 0.074864 1.490 0.136

L3.Conduct -145.787597 239.653364 -0.608 0.543

L3.Water 319.884414 445.207525 0.719 0.472

L3.Temp -83.843190 123.759255 -0.677 0.498

L3.Precip. horaria -0.101856 0.740663 -0.138 0.891

L3.Temp. prom aire 0.032488 0.073770 0.440 0.660

L4.Conduct 368.630730 350.753133 1.051 0.293

L4.Water -656.426726 642.030347 -1.022 0.307

L4.Temp 156.756589 163.529458 0.959 0.338

L4.Precip. horaria 0.240100 0.740740 0.324 0.746

L4.Temp. prom aire -0.042858 0.074301 -0.577 0.564

L5.Conduct -579.586674 406.787298 -1.425 0.154

L5.Water 880.497163 738.643515 1.192 0.233

L5.Temp -221.193089 168.522896 -1.313 0.189

L5.Precip. horaria -0.332932 0.713549 -0.467 0.641

L5.Temp. prom aire 0.020303 0.074579 0.272 0.785

L6.Conduct 658.562036 429.804673 1.532 0.125

L6.Water -929.394156 783.345352 -1.186 0.235

L6.Temp 166.859423 157.793818 1.057 0.290

L6.Precip. horaria 0.481794 0.740449 0.651 0.515

L6.Temp. prom aire -0.063986 0.073934 -0.865 0.387

L7.Conduct -698.883855 442.224748 -1.580 0.114

L7.Water 1029.862349 811.466917 1.269 0.204

L7.Temp -21.518285 167.010522 -0.129 0.897

L7.Precip. horaria 0.924321 0.754122 1.226 0.220

L7.Temp. prom aire 0.224263 0.073322 3.059 0.002

L8.Conduct 761.655835 453.355122 1.680 0.093

L8.Water -1172.596006 828.477629 -1.415 0.157

L8.Temp -67.411114 210.031429 -0.321 0.748

L8.Precip. horaria -0.375290 0.814695 -0.461 0.645

L8.Temp. prom aire -0.103992 0.074523 -1.395 0.163

L9.Conduct -694.959343 507.227800 -1.370 0.171

L9.Water 988.461300 906.923113 1.090 0.276

L9.Temp 106.506316 274.297356 0.388 0.698

L9.Precip. horaria -0.441482 0.800564 -0.551 0.581

L9.Temp. prom aire -0.089480 0.073792 -1.213 0.225

L10.Conduct 326.041640 632.275057 0.516 0.606

L10.Water -252.994053 1112.911001 -0.227 0.820

L10.Temp -171.851240 340.472409 -0.505 0.614

L10.Precip. horaria 1.216267 0.830552 1.464 0.143

L10.Temp. prom aire -0.058057 0.074615 -0.778 0.437

L11.Conduct 326.902554 750.275427 0.436 0.663

L11.Water -865.874002 1310.844450 -0.661 0.509

L11.Temp 246.320609 379.011978 0.650 0.516

L11.Precip. horaria 1.987504 0.851173 2.335 0.020

L11.Temp. prom aire -0.066743 0.075962 -0.879 0.380

L12.Conduct -950.286645 798.528668 -1.190 0.234

L12.Water 1831.012614 1397.789832 1.310 0.190

L12.Temp -304.459055 378.116260 -0.805 0.421

L12.Precip. horaria -0.320586 0.826262 -0.388 0.698

L12.Temp. prom aire -0.057851 0.076269 -0.759 0.448

L13.Conduct 1264.250657 808.430128 1.564 0.118

L13.Water -2263.668370 1433.272949 -1.579 0.114

L13.Temp 339.654464 361.573759 0.939 0.348

L13.Precip. horaria -1.158709 0.825051 -1.404 0.160

L13.Temp. prom aire 0.095041 0.075756 1.255 0.210

L14.Conduct -1325.719919 823.003183 -1.611 0.107

L14.Water 2346.342224 1475.117448 1.591 0.112

L14.Temp -322.742688 363.916116 -0.887 0.375

L14.Precip. horaria -0.719113 0.805473 -0.893 0.372

L14.Temp. prom aire 0.038925 0.075217 0.518 0.605

L15.Conduct 1267.439234 834.289979 1.519 0.129

L15.Water -2303.911387 1501.701549 -1.534 0.125

L15.Temp 203.497963 391.918271 0.519 0.604

L15.Precip. horaria 1.042386 0.788507 1.322 0.186

L15.Temp. prom aire -0.075029 0.075894 -0.989 0.323

L16.Conduct -1087.588363 840.606722 -1.294 0.196

L16.Water 1991.049669 1512.100201 1.317 0.188

L16.Temp 11.765703 430.508890 0.027 0.978

L16.Precip. horaria 0.057136 0.784077 0.073 0.942

L16.Temp. prom aire 0.040408 0.075923 0.532 0.595

L17.Conduct 676.121418 864.855270 0.782 0.434

L17.Water -1133.157020 1551.058218 -0.731 0.465

L17.Temp -215.641722 474.995648 -0.454 0.650

L17.Precip. horaria -0.527791 0.802682 -0.658 0.511

L17.Temp. prom aire 0.094821 0.076568 1.238 0.216

L18.Conduct -28.324371 898.957377 -0.032 0.975

L18.Water -76.085052 1593.532162 -0.048 0.962

L18.Temp 402.405467 519.640258 0.774 0.439

L18.Precip. horaria 1.614600 0.783645 2.060 0.039

L18.Temp. prom aire -0.037292 0.076113 -0.490 0.624

L19.Conduct -604.413601 904.662757 -0.668 0.504

L19.Water 1021.659224 1579.223547 0.647 0.518

L19.Temp -676.903913 540.119990 -1.253 0.210

L19.Precip. horaria -0.239793 0.820954 -0.292 0.770

L19.Temp. prom aire -0.098947 0.076872 -1.287 0.198

L20.Conduct 1066.668153 892.624506 1.195 0.232

L20.Water -1633.425496 1559.129806 -1.048 0.295

L20.Temp 927.871660 530.248589 1.750 0.080

L20.Precip. horaria 0.657911 0.836489 0.787 0.432

L20.Temp. prom aire -0.028680 0.076227 -0.376 0.707

L21.Conduct -1444.533839 901.629309 -1.602 0.109

L21.Water 2328.990027 1597.813439 1.458 0.145

L21.Temp -932.523065 511.706351 -1.822 0.068

L21.Precip. horaria -0.142839 0.816860 -0.175 0.861

L21.Temp. prom aire 0.138906 0.076826 1.808 0.071

L22.Conduct 1765.336393 922.475862 1.914 0.056

L22.Water -3070.001543 1658.406442 -1.851 0.064

L22.Temp 718.507270 505.062701 1.423 0.155

L22.Precip. horaria 1.023524 0.842936 1.214 0.225

L22.Temp. prom aire -0.015747 0.078198 -0.201 0.840

L23.Conduct -1908.407394 934.774028 -2.042 0.041

L23.Water 3379.078160 1701.214905 1.986 0.047

L23.Temp -449.033265 509.677945 -0.881 0.378

L23.Precip. horaria -0.166225 0.799089 -0.208 0.835

L23.Temp. prom aire -0.013113 0.081033 -0.162 0.871

L24.Conduct 1718.144878 944.245056 1.820 0.069

L24.Water -2990.016931 1740.476776 -1.718 0.086

L24.Temp 193.552764 526.252986 0.368 0.713

L24.Precip. horaria 0.788985 0.820594 0.961 0.336

L24.Temp. prom aire -0.160283 0.080617 -1.988 0.047

L25.Conduct -1181.905165 949.073446 -1.245 0.213

L25.Water 2120.246465 1745.434737 1.215 0.224

L25.Temp 80.804033 565.862102 0.143 0.886

L25.Precip. horaria -1.565340 0.843257 -1.856 0.063

L25.Temp. prom aire 0.110046 0.080867 1.361 0.174

L26.Conduct 467.184679 915.089066 0.511 0.610

L26.Water -1119.038219 1651.094183 -0.678 0.498

L26.Temp -422.580638 603.288473 -0.700 0.484

L26.Precip. horaria 1.841858 0.843152 2.184 0.029

L26.Temp. prom aire -0.056688 0.081636 -0.694 0.487

L27.Conduct 251.197561 824.759716 0.305 0.761

L27.Water 103.887038 1463.308728 0.071 0.943

L27.Temp 761.616556 602.196186 1.265 0.206

L27.Precip. horaria -1.040946 0.838320 -1.242 0.214

L27.Temp. prom aire 0.030418 0.082338 0.369 0.712

L28.Conduct -839.597588 724.907363 -1.158 0.247

L28.Water 865.517312 1276.386284 0.678 0.498

L28.Temp -956.945859 570.104586 -1.679 0.093

L28.Precip. horaria 0.296408 0.853025 0.347 0.728

L28.Temp. prom aire -0.076863 0.080714 -0.952 0.341

L29.Conduct 1257.897373 682.899130 1.842 0.065

L29.Water -1709.257705 1202.459760 -1.421 0.155

L29.Temp 955.650967 537.390377 1.778 0.075

L29.Precip. horaria -1.266348 0.836820 -1.513 0.130

L29.Temp. prom aire -0.065674 0.082219 -0.799 0.424

L30.Conduct -1534.004926 691.449094 -2.219 0.027

L30.Water 2299.232823 1228.045409 1.872 0.061

L30.Temp -845.863387 512.387424 -1.651 0.099

L30.Precip. horaria 1.142729 0.791942 1.443 0.149

L30.Temp. prom aire -0.053748 0.083160 -0.646 0.518

L31.Conduct 1547.537825 699.425268 2.213 0.027

L31.Water -2302.295370 1264.236511 -1.821 0.069

L31.Temp 778.762300 489.986895 1.589 0.112

L31.Precip. horaria -1.316820 0.759656 -1.733 0.083

L31.Temp. prom aire 0.133186 0.083589 1.593 0.111

L32.Conduct -1146.568261 678.238949 -1.691 0.091

L32.Water 1588.658996 1240.731906 1.280 0.200

L32.Temp -715.580928 483.336000 -1.481 0.139

L32.Precip. horaria 1.117459 0.771343 1.449 0.147

L32.Temp. prom aire -0.085587 0.084535 -1.012 0.311

L33.Conduct 453.045032 626.454967 0.723 0.470

L33.Water -553.324590 1142.385394 -0.484 0.628

L33.Temp 471.596736 498.194269 0.947 0.344

L33.Precip. horaria 0.294413 0.768781 0.383 0.702

L33.Temp. prom aire 0.154164 0.084127 1.833 0.067

L34.Conduct 190.928314 547.219992 0.349 0.727

L34.Water -295.522149 988.246933 -0.299 0.765

L34.Temp -92.906186 507.460020 -0.183 0.855

L34.Precip. horaria 0.367710 0.775024 0.474 0.635

L34.Temp. prom aire -0.094259 0.083709 -1.126 0.260

L35.Conduct -544.343026 465.071406 -1.170 0.242

L35.Water 738.551178 835.419819 0.884 0.377

L35.Temp -197.773694 496.854589 -0.398 0.691

L35.Precip. horaria -0.751125 0.784664 -0.957 0.338

L35.Temp. prom aire -0.096067 0.083862 -1.146 0.252

L36.Conduct 615.687571 416.748462 1.477 0.140

L36.Water -784.640280 748.109463 -1.049 0.294

L36.Temp 332.226849 474.782260 0.700 0.484

L36.Precip. horaria 0.992874 0.781983 1.270 0.204

L36.Temp. prom aire 0.205640 0.083404 2.466 0.014

L37.Conduct -477.102222 383.857957 -1.243 0.214

L37.Water 406.259395 692.024227 0.587 0.557

L37.Temp -422.038864 443.501228 -0.952 0.341

L37.Precip. horaria -0.339834 0.774646 -0.439 0.661

L37.Temp. prom aire -0.044771 0.084381 -0.531 0.596

L38.Conduct 183.306221 343.357774 0.534 0.593

L38.Water 303.690182 634.534033 0.479 0.632

L38.Temp 530.355344 395.077798 1.342 0.179

L38.Precip. horaria 0.680344 0.803476 0.847 0.397

L38.Temp. prom aire -0.088954 0.084073 -1.058 0.290

L39.Conduct 122.158836 298.931696 0.409 0.683

L39.Water -910.387355 582.665361 -1.562 0.118

L39.Temp -545.386071 331.584373 -1.645 0.100

L39.Precip. horaria -0.757024 0.817699 -0.926 0.355

L39.Temp. prom aire -0.042556 0.084082 -0.506 0.613

L40.Conduct -308.912650 265.216046 -1.165 0.244

L40.Water 1103.646494 552.916079 1.996 0.046

L40.Temp 406.144268 284.971790 1.425 0.154

L40.Precip. horaria 1.949196 0.806131 2.418 0.016

L40.Temp. prom aire 0.126946 0.085047 1.493 0.136

L41.Conduct 382.893869 241.108120 1.588 0.112

L41.Water -1038.187032 526.339276 -1.972 0.049

L41.Temp -246.005865 277.147068 -0.888 0.375

L41.Precip. horaria -1.198331 0.825697 -1.451 0.147

L41.Temp. prom aire 0.063884 0.084284 0.758 0.448

L42.Conduct -406.985471 211.852025 -1.921 0.055

L42.Water 974.067148 472.594780 2.061 0.039

L42.Temp 156.767276 280.090926 0.560 0.576

L42.Precip. horaria 0.535675 0.873370 0.613 0.540

L42.Temp. prom aire -0.075634 0.082750 -0.914 0.361

L43.Conduct 401.599090 181.219125 2.216 0.027

L43.Water -924.161574 409.500024 -2.257 0.024

L43.Temp -110.942878 274.782092 -0.404 0.686

L43.Precip. horaria -1.464026 0.887595 -1.649 0.099

L43.Temp. prom aire 0.027126 0.083030 0.327 0.744

L44.Conduct -346.356409 158.315286 -2.188 0.029

L44.Water 756.606532 359.330087 2.106 0.035

L44.Temp 69.144032 256.359382 0.270 0.787

L44.Precip. horaria 0.790618 0.890750 0.888 0.375

L44.Temp. prom aire 0.052844 0.082644 0.639 0.523

L45.Conduct 255.594909 135.279027 1.889 0.059

L45.Water -481.421393 308.110604 -1.562 0.118

L45.Temp -20.564985 216.464210 -0.095 0.924

L45.Precip. horaria -0.059276 0.887237 -0.067 0.947

L45.Temp. prom aire 0.080876 0.083024 0.974 0.330

L46.Conduct -163.174460 98.445293 -1.658 0.097

L46.Water 234.000291 222.992216 1.049 0.294

L46.Temp -3.287624 149.211365 -0.022 0.982

L46.Precip. horaria -0.971878 0.939136 -1.035 0.301

L46.Temp. prom aire -0.141253 0.083209 -1.698 0.090

L47.Conduct 76.333809 48.979300 1.558 0.119

L47.Water -81.797391 108.229595 -0.756 0.450

L47.Temp -1.021484 70.302709 -0.015 0.988

L47.Precip. horaria 1.151163 0.938465 1.227 0.220

L47.Temp. prom aire -0.084041 0.082251 -1.022 0.307

L48.Conduct -17.210175 11.437104 -1.505 0.132

L48.Water 15.055479 24.394551 0.617 0.537

L48.Temp 2.486357 15.971053 0.156 0.876

L48.Precip. horaria 1.804831 0.892116 2.023 0.043

L48.Temp. prom aire 0.018816 0.074694 0.252 0.801

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.922408 0.112597 0.034023 -0.012692

Water 0.922408 1.000000 0.113694 -0.029684 -0.003137

Temp 0.112597 0.113694 1.000000 0.133177 -0.038784

Precip. horaria 0.034023 -0.029684 0.133177 1.000000 0.025866

Temp. prom aire -0.012692 -0.003137 -0.038784 0.025866 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -20.4287

Nobs: 440.000 HQIC: -27.2055

Log likelihood: 5039.92 FPE: 3.63044e-14

AIC: -31.6209 Det(Omega\_mle): 4.08777e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.004496 0.021734 0.207 0.836

L1.Conduct 5.180189 0.132136 39.203 0.000

L1.Water -0.670939 0.187935 -3.570 0.000

L1.Temp -0.209535 0.057811 -3.625 0.000

L1.Precip. horaria 0.000745 0.002857 0.261 0.794

L1.Temp. prom aire 0.000066 0.000298 0.223 0.824

L2.Conduct -12.411387 0.626879 -19.799 0.000

L2.Water 3.278956 0.817714 4.010 0.000

L2.Temp 0.938376 0.230744 4.067 0.000

L2.Precip. horaria 0.000017 0.002884 0.006 0.995

L2.Temp. prom aire 0.000018 0.000326 0.056 0.956

L3.Conduct 18.870456 1.447236 13.039 0.000

L3.Water -7.289096 1.697724 -4.293 0.000

L3.Temp -1.847944 0.436140 -4.237 0.000

L3.Precip. horaria -0.003633 0.002901 -1.252 0.210

L3.Temp. prom aire -0.000050 0.000327 -0.152 0.879

L4.Conduct -21.182062 2.278764 -9.295 0.000

L4.Water 10.149546 2.394371 4.239 0.000

L4.Temp 2.120755 0.561941 3.774 0.000

L4.Precip. horaria -0.004009 0.002806 -1.429 0.153

L4.Temp. prom aire 0.000439 0.000328 1.336 0.182

L5.Conduct 19.324682 2.883426 6.702 0.000

L5.Water -10.472305 2.779079 -3.768 0.000

L5.Temp -1.666665 0.608259 -2.740 0.006

L5.Precip. horaria -0.000025 0.002870 -0.009 0.993

L5.Temp. prom aire -0.000260 0.000327 -0.795 0.427

L6.Conduct -15.094406 3.217513 -4.691 0.000

L6.Water 8.742024 2.965368 2.948 0.003

L6.Temp 1.257117 0.659116 1.907 0.056

L6.Precip. horaria -0.000040 0.002829 -0.014 0.989

L6.Temp. prom aire 0.000417 0.000325 1.281 0.200

L7.Conduct 8.458361 3.341050 2.532 0.011

L7.Water -5.222773 3.056360 -1.709 0.087

L7.Temp -1.298037 0.792713 -1.637 0.102

L7.Precip. horaria 0.000545 0.002846 0.192 0.848

L7.Temp. prom aire -0.000867 0.000327 -2.651 0.008

L8.Conduct 2.446679 3.314559 0.738 0.460

L8.Water -0.858031 3.074032 -0.279 0.780

L8.Temp 1.015709 0.996614 1.019 0.308

L8.Precip. horaria -0.001441 0.002785 -0.518 0.605

L8.Temp. prom aire 0.000330 0.000332 0.995 0.320

L9.Conduct -15.939577 3.323394 -4.796 0.000

L9.Water 9.228570 3.200140 2.884 0.004

L9.Temp 0.420017 1.203877 0.349 0.727

L9.Precip. horaria 0.004452 0.002732 1.630 0.103

L9.Temp. prom aire -0.000230 0.000334 -0.689 0.491

L10.Conduct 26.477561 3.719994 7.118 0.000

L10.Water -16.722652 3.688201 -4.534 0.000

L10.Temp -2.422599 1.362748 -1.778 0.075

L10.Precip. horaria 0.001028 0.002806 0.366 0.714

L10.Temp. prom aire 0.000219 0.000336 0.652 0.514

L11.Conduct -30.490075 4.399615 -6.930 0.000

L11.Water 20.225343 4.250466 4.758 0.000

L11.Temp 3.832677 1.442734 2.657 0.008

L11.Precip. horaria -0.000950 0.002815 -0.338 0.736

L11.Temp. prom aire -0.000300 0.000338 -0.888 0.374

L12.Conduct 28.885101 4.995947 5.782 0.000

L12.Water -19.727610 4.613998 -4.276 0.000

L12.Temp -4.477850 1.460697 -3.066 0.002

L12.Precip. horaria -0.002588 0.002731 -0.948 0.343

L12.Temp. prom aire 0.000561 0.000338 1.659 0.097

L13.Conduct -25.197920 5.356372 -4.704 0.000

L13.Water 16.769691 4.793716 3.498 0.000

L13.Temp 4.990146 1.486277 3.357 0.001

L13.Precip. horaria 0.003111 0.002697 1.154 0.249

L13.Temp. prom aire 0.000053 0.000339 0.155 0.877

L14.Conduct 20.172161 5.495613 3.671 0.000

L14.Water -12.059255 4.851265 -2.486 0.013

L14.Temp -5.513588 1.587186 -3.474 0.001

L14.Precip. horaria 0.000816 0.002672 0.306 0.760

L14.Temp. prom aire 0.000669 0.000331 2.021 0.043

L15.Conduct -10.211727 5.460515 -1.870 0.061

L15.Water 4.664573 4.799681 0.972 0.331

L15.Temp 5.076619 1.747031 2.906 0.004

L15.Precip. horaria 0.000507 0.002660 0.191 0.849

L15.Temp. prom aire -0.000244 0.000333 -0.734 0.463

L16.Conduct -5.110919 5.309429 -0.963 0.336

L16.Water 5.822425 4.680052 1.244 0.213

L16.Temp -2.827805 1.884331 -1.501 0.133

L16.Precip. horaria 0.000270 0.002637 0.102 0.918

L16.Temp. prom aire 0.000281 0.000321 0.875 0.381

L17.Conduct 20.367182 5.263601 3.869 0.000

L17.Water -16.416884 4.707478 -3.487 0.000

L17.Temp -0.503879 1.972493 -0.255 0.798

L17.Precip. horaria 0.001826 0.002643 0.691 0.490

L17.Temp. prom aire 0.000261 0.000318 0.822 0.411

L18.Conduct -30.020484 5.480423 -5.478 0.000

L18.Water 23.084358 4.882478 4.728 0.000

L18.Temp 3.185006 2.042220 1.560 0.119

L18.Precip. horaria -0.000786 0.002644 -0.297 0.766

L18.Temp. prom aire -0.000316 0.000319 -0.991 0.322

L19.Conduct 33.038942 5.875558 5.623 0.000

L19.Water -24.850545 5.105433 -4.867 0.000

L19.Temp -4.308819 2.091562 -2.060 0.039

L19.Precip. horaria -0.001442 0.002656 -0.543 0.587

L19.Temp. prom aire -0.000016 0.000317 -0.051 0.959

L20.Conduct -32.537599 6.261953 -5.196 0.000

L20.Water 23.443513 5.323559 4.404 0.000

L20.Temp 4.683564 2.100773 2.229 0.026

L20.Precip. horaria 0.004172 0.002645 1.578 0.115

L20.Temp. prom aire 0.000353 0.000316 1.115 0.265

L21.Conduct 29.174542 6.466402 4.512 0.000

L21.Water -19.756699 5.408364 -3.653 0.000

L21.Temp -5.323864 2.095457 -2.541 0.011

L21.Precip. horaria -0.000333 0.002658 -0.125 0.900

L21.Temp. prom aire -0.000241 0.000317 -0.761 0.447

L22.Conduct -19.169926 6.456733 -2.969 0.003

L22.Water 12.167790 5.356390 2.272 0.023

L22.Temp 5.575969 2.125596 2.623 0.009

L22.Precip. horaria 0.006230 0.002709 2.300 0.021

L22.Temp. prom aire 0.000420 0.000318 1.321 0.187

L23.Conduct 2.463348 6.203731 0.397 0.691

L23.Water -0.194084 5.165092 -0.038 0.970

L23.Temp -4.205784 2.172538 -1.936 0.053

L23.Precip. horaria -0.000373 0.002765 -0.135 0.893

L23.Temp. prom aire -0.000545 0.000321 -1.701 0.089

L24.Conduct 14.385146 5.742436 2.505 0.012

L24.Water -12.206721 4.856782 -2.513 0.012

L24.Temp 1.643933 2.207535 0.745 0.456

L24.Precip. horaria 0.003708 0.002638 1.406 0.160

L24.Temp. prom aire 0.000475 0.000324 1.469 0.142

L25.Conduct -24.174521 5.340638 -4.527 0.000

L25.Water 19.936812 4.521765 4.409 0.000

L25.Temp 0.379124 2.278345 0.166 0.868

L25.Precip. horaria -0.001370 0.002648 -0.517 0.605

L25.Temp. prom aire -0.000146 0.000328 -0.446 0.656

L26.Conduct 25.354728 5.328505 4.758 0.000

L26.Water -21.561736 4.453193 -4.842 0.000

L26.Temp -1.271829 2.374288 -0.536 0.592

L26.Precip. horaria -0.000876 0.002671 -0.328 0.743

L26.Temp. prom aire -0.000101 0.000341 -0.295 0.768

L27.Conduct -22.655671 5.587746 -4.055 0.000

L27.Water 19.382863 4.628244 4.188 0.000

L27.Temp 2.294937 2.374468 0.967 0.334

L27.Precip. horaria 0.001809 0.002635 0.686 0.492

L27.Temp. prom aire -0.000072 0.000341 -0.212 0.832

L28.Conduct 19.567267 5.768152 3.392 0.001

L28.Water -15.663336 4.710691 -3.325 0.001

L28.Temp -4.200925 2.268112 -1.852 0.064

L28.Precip. horaria -0.001887 0.002654 -0.711 0.477

L28.Temp. prom aire 0.000556 0.000336 1.653 0.098

L29.Conduct -14.560440 5.773388 -2.522 0.012

L29.Water 10.336829 4.641392 2.227 0.026

L29.Temp 5.884428 2.176492 2.704 0.007

L29.Precip. horaria 0.006117 0.002613 2.341 0.019

L29.Temp. prom aire -0.000801 0.000336 -2.385 0.017

L30.Conduct 6.529148 5.606205 1.165 0.244

L30.Water -3.124992 4.473186 -0.699 0.485

L30.Temp -6.081367 2.142265 -2.839 0.005

L30.Precip. horaria 0.000202 0.002633 0.077 0.939

L30.Temp. prom aire -0.000301 0.000343 -0.878 0.380

L31.Conduct 2.165656 5.228206 0.414 0.679

L31.Water -4.188062 4.214807 -0.994 0.320

L31.Temp 4.852319 2.107727 2.302 0.021

L31.Precip. horaria 0.005138 0.002597 1.978 0.048

L31.Temp. prom aire 0.000085 0.000347 0.243 0.808

L32.Conduct -7.936878 4.666516 -1.701 0.089

L32.Water 9.077231 3.817535 2.378 0.017

L32.Temp -3.153724 2.069448 -1.524 0.128

L32.Precip. horaria -0.005174 0.002659 -1.945 0.052

L32.Temp. prom aire -0.000011 0.000342 -0.033 0.974

L33.Conduct 9.622309 4.158895 2.314 0.021

L33.Water -10.629733 3.422907 -3.105 0.002

L33.Temp 1.547426 2.074951 0.746 0.456

L33.Precip. horaria 0.001260 0.002709 0.465 0.642

L33.Temp. prom aire 0.000720 0.000343 2.101 0.036

L34.Conduct -9.614855 3.970671 -2.421 0.015

L34.Water 9.794771 3.282683 2.984 0.003

L34.Temp 0.275761 2.078344 0.133 0.894

L34.Precip. horaria -0.000162 0.002694 -0.060 0.952

L34.Temp. prom aire -0.000538 0.000350 -1.537 0.124

L35.Conduct 9.781113 3.983288 2.456 0.014

L35.Water -7.900132 3.284091 -2.406 0.016

L35.Temp -2.425484 2.035044 -1.192 0.233

L35.Precip. horaria 0.002634 0.002744 0.960 0.337

L35.Temp. prom aire -0.000052 0.000352 -0.147 0.883

L36.Conduct -9.242308 3.938954 -2.346 0.019

L36.Water 5.477731 3.233457 1.694 0.090

L36.Temp 4.136413 1.978501 2.091 0.037

L36.Precip. horaria -0.001919 0.002766 -0.694 0.488

L36.Temp. prom aire 0.000351 0.000353 0.994 0.320

L37.Conduct 6.909264 3.748942 1.843 0.065

L37.Water -2.458458 3.124139 -0.787 0.431

L37.Temp -4.514159 1.911098 -2.362 0.018

L37.Precip. horaria 0.008888 0.002800 3.174 0.002

L37.Temp. prom aire -0.000143 0.000357 -0.400 0.689

L38.Conduct -3.284735 3.316517 -0.990 0.322

L38.Water -0.770328 2.917672 -0.264 0.792

L38.Temp 3.432625 1.774747 1.934 0.053

L38.Precip. horaria -0.008182 0.002972 -2.753 0.006

L38.Temp. prom aire 0.000249 0.000352 0.708 0.479

L39.Conduct 0.269576 2.540818 0.106 0.916

L39.Water 3.075604 2.471916 1.244 0.213

L39.Temp -1.712752 1.534906 -1.116 0.264

L39.Precip. horaria 0.000267 0.003098 0.086 0.931

L39.Temp. prom aire 0.000417 0.000355 1.177 0.239

L40.Conduct 0.664089 1.560222 0.426 0.670

L40.Water -3.634374 1.881357 -1.932 0.053

L40.Temp 0.161380 1.301415 0.124 0.901

L40.Precip. horaria 0.004561 0.003032 1.504 0.133

L40.Temp. prom aire -0.000569 0.000349 -1.631 0.103

L41.Conduct -0.030727 0.766943 -0.040 0.968

L41.Water 2.712013 1.487333 1.823 0.068

L41.Temp 1.148013 1.214308 0.945 0.344

L41.Precip. horaria -0.002706 0.003191 -0.848 0.397

L41.Temp. prom aire -0.000084 0.000357 -0.236 0.813

L42.Conduct -0.789107 0.475707 -1.659 0.097

L42.Water -1.291915 1.345859 -0.960 0.337

L42.Temp -2.175388 1.214419 -1.791 0.073

L42.Precip. horaria 0.004329 0.003341 1.296 0.195

L42.Temp. prom aire 0.000314 0.000350 0.898 0.369

L43.Conduct 1.045138 0.455764 2.293 0.022

L43.Water 0.234697 1.277591 0.184 0.854

L43.Temp 2.530842 1.212919 2.087 0.037

L43.Precip. horaria -0.002270 0.003555 -0.639 0.523

L43.Temp. prom aire -0.000227 0.000352 -0.645 0.519

L44.Conduct -0.880134 0.446997 -1.969 0.049

L44.Water 0.232272 1.195854 0.194 0.846

L44.Temp -2.050973 1.163628 -1.763 0.078

L44.Precip. horaria 0.002012 0.003720 0.541 0.589

L44.Temp. prom aire 0.000363 0.000355 1.022 0.307

L45.Conduct 0.793633 0.410954 1.931 0.053

L45.Water -0.320125 1.025419 -0.312 0.755

L45.Temp 1.126589 1.004120 1.122 0.262

L45.Precip. horaria 0.007599 0.003781 2.010 0.044

L45.Temp. prom aire -0.000435 0.000356 -1.223 0.221

L46.Conduct -0.722782 0.350084 -2.065 0.039

L46.Water 0.230621 0.712425 0.324 0.746

L46.Temp -0.374044 0.695678 -0.538 0.591

L46.Precip. horaria 0.000318 0.004062 0.078 0.938

L46.Temp. prom aire 0.000544 0.000358 1.518 0.129

L47.Conduct 0.400947 0.216107 1.855 0.064

L47.Water -0.094307 0.334835 -0.282 0.778

L47.Temp 0.054284 0.325183 0.167 0.867

L47.Precip. horaria 0.008995 0.003953 2.276 0.023

L47.Temp. prom aire -0.000061 0.000362 -0.169 0.866

L48.Conduct -0.089108 0.059853 -1.489 0.137

L48.Water 0.016541 0.075315 0.220 0.826

L48.Temp 0.001897 0.073047 0.026 0.979

L48.Precip. horaria -0.003789 0.004006 -0.946 0.344

L48.Temp. prom aire 0.000097 0.000332 0.293 0.770

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Results for equation Water

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coefficient std. error t-stat prob

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const -0.007506 0.015504 -0.484 0.628

L1.Conduct 0.448332 0.094261 4.756 0.000

L1.Water 3.813991 0.134066 28.449 0.000

L1.Temp -0.199034 0.041240 -4.826 0.000

L1.Precip. horaria -0.002425 0.002038 -1.190 0.234

L1.Temp. prom aire -0.000024 0.000213 -0.114 0.909

L2.Conduct -2.148637 0.447193 -4.805 0.000

L2.Water -5.839131 0.583328 -10.010 0.000

L2.Temp 0.875951 0.164605 5.322 0.000

L2.Precip. horaria -0.000728 0.002057 -0.354 0.723

L2.Temp. prom aire 0.000261 0.000233 1.123 0.261

L3.Conduct 4.765540 1.032407 4.616 0.000

L3.Water 4.378142 1.211096 3.615 0.000

L3.Temp -1.747462 0.311127 -5.617 0.000

L3.Precip. horaria -0.002301 0.002070 -1.112 0.266

L3.Temp. prom aire -0.000205 0.000233 -0.881 0.379

L4.Conduct -6.727569 1.625590 -4.139 0.000

L4.Water -1.049107 1.708060 -0.614 0.539

L4.Temp 2.137130 0.400869 5.331 0.000

L4.Precip. horaria -0.003549 0.002002 -1.773 0.076

L4.Temp. prom aire 0.000379 0.000234 1.619 0.105

L5.Conduct 7.059331 2.056934 3.432 0.001

L5.Water -1.370527 1.982497 -0.691 0.489

L5.Temp -1.907733 0.433910 -4.397 0.000

L5.Precip. horaria -0.000297 0.002047 -0.145 0.885

L5.Temp. prom aire -0.000302 0.000233 -1.295 0.195

L6.Conduct -6.060138 2.295260 -2.640 0.008

L6.Water 2.295324 2.115388 1.085 0.278

L6.Temp 1.592051 0.470190 3.386 0.001

L6.Precip. horaria -0.000869 0.002018 -0.431 0.667

L6.Temp. prom aire 0.000322 0.000232 1.386 0.166

L7.Conduct 4.231174 2.383387 1.775 0.076

L7.Water -3.105756 2.180299 -1.424 0.154

L7.Temp -1.574849 0.565493 -2.785 0.005

L7.Precip. horaria -0.000652 0.002030 -0.321 0.748

L7.Temp. prom aire -0.000562 0.000233 -2.411 0.016

L8.Conduct -1.155355 2.364489 -0.489 0.625

L8.Water 4.317545 2.192906 1.969 0.049

L8.Temp 1.358241 0.710949 1.910 0.056

L8.Precip. horaria -0.001752 0.001986 -0.882 0.378

L8.Temp. prom aire 0.000210 0.000237 0.888 0.375

L9.Conduct -3.634747 2.370792 -1.533 0.125

L9.Water -3.542153 2.282867 -1.552 0.121

L9.Temp -0.242878 0.858803 -0.283 0.777

L9.Precip. horaria 0.004437 0.001949 2.277 0.023

L9.Temp. prom aire -0.000149 0.000238 -0.626 0.531

L10.Conduct 8.980005 2.653712 3.384 0.001

L10.Water -0.286484 2.631032 -0.109 0.913

L10.Temp -1.418698 0.972136 -1.459 0.144

L10.Precip. horaria -0.000226 0.002001 -0.113 0.910

L10.Temp. prom aire 0.000160 0.000240 0.667 0.505

L11.Conduct -12.780629 3.138530 -4.072 0.000

L11.Water 4.744084 3.032132 1.565 0.118

L11.Temp 2.716219 1.029196 2.639 0.008

L11.Precip. horaria 0.000083 0.002008 0.041 0.967

L11.Temp. prom aire -0.000314 0.000241 -1.299 0.194

L12.Conduct 13.817889 3.563932 3.877 0.000

L12.Water -7.129677 3.291463 -2.166 0.030

L12.Temp -3.412129 1.042010 -3.275 0.001

L12.Precip. horaria -0.002661 0.001948 -1.366 0.172

L12.Temp. prom aire 0.000411 0.000241 1.701 0.089

L13.Conduct -12.668912 3.821046 -3.316 0.001

L13.Water 6.408250 3.419667 1.874 0.061

L13.Temp 3.963361 1.060258 3.738 0.000

L13.Precip. horaria 0.002582 0.001924 1.342 0.180

L13.Temp. prom aire 0.000031 0.000242 0.128 0.899

L14.Conduct 10.591565 3.920376 2.702 0.007

L14.Water -4.517244 3.460721 -1.305 0.192

L14.Temp -4.549736 1.132242 -4.018 0.000

L14.Precip. horaria 0.001317 0.001906 0.691 0.490

L14.Temp. prom aire 0.000282 0.000236 1.193 0.233

L15.Conduct -7.271536 3.895338 -1.867 0.062

L15.Water 3.507166 3.423922 1.024 0.306

L15.Temp 4.371326 1.246270 3.508 0.000

L15.Precip. horaria 0.000623 0.001898 0.328 0.743

L15.Temp. prom aire -0.000170 0.000238 -0.714 0.475

L16.Conduct 1.726519 3.787559 0.456 0.649

L16.Water -1.530325 3.338583 -0.458 0.647

L16.Temp -2.579147 1.344215 -1.919 0.055

L16.Precip. horaria 0.001380 0.001881 0.734 0.463

L16.Temp. prom aire 0.000162 0.000229 0.707 0.480

L17.Conduct 5.233779 3.754866 1.394 0.163

L17.Water -3.060533 3.358148 -0.911 0.362

L17.Temp -0.356411 1.407107 -0.253 0.800

L17.Precip. horaria 0.000747 0.001886 0.396 0.692

L17.Temp. prom aire 0.000204 0.000227 0.897 0.370

L18.Conduct -11.108470 3.909539 -2.841 0.004

L18.Water 8.045792 3.482987 2.310 0.021

L18.Temp 2.961090 1.456847 2.033 0.042

L18.Precip. horaria -0.000181 0.001886 -0.096 0.923

L18.Temp. prom aire -0.000095 0.000227 -0.419 0.675

L19.Conduct 13.679168 4.191415 3.264 0.001

L19.Water -10.131509 3.642035 -2.782 0.005

L19.Temp -4.245803 1.492046 -2.846 0.004

L19.Precip. horaria 0.000393 0.001895 0.208 0.836

L19.Temp. prom aire -0.000026 0.000226 -0.115 0.908

L20.Conduct -13.113596 4.467055 -2.936 0.003

L20.Water 8.625223 3.797638 2.271 0.023

L20.Temp 4.709581 1.498617 3.143 0.002

L20.Precip. horaria 0.003062 0.001887 1.623 0.105

L20.Temp. prom aire 0.000061 0.000226 0.270 0.787

L21.Conduct 10.757486 4.612902 2.332 0.020

L21.Water -6.183206 3.858135 -1.603 0.109

L21.Temp -5.273021 1.494825 -3.528 0.000

L21.Precip. horaria 0.001786 0.001896 0.942 0.346

L21.Temp. prom aire -0.000247 0.000226 -1.093 0.275

L22.Conduct -5.792615 4.606005 -1.258 0.209

L22.Water 4.058056 3.821059 1.062 0.288

L22.Temp 5.482512 1.516325 3.616 0.000

L22.Precip. horaria 0.006462 0.001932 3.344 0.001

L22.Temp. prom aire 0.000394 0.000227 1.733 0.083

L23.Conduct -2.838748 4.425522 -0.641 0.521

L23.Water -0.009803 3.684594 -0.003 0.998

L23.Temp -4.230811 1.549811 -2.730 0.006

L23.Precip. horaria 0.000606 0.001973 0.307 0.759

L23.Temp. prom aire -0.000574 0.000229 -2.511 0.012

L24.Conduct 12.227885 4.096451 2.985 0.003

L24.Water -6.188972 3.464656 -1.786 0.074

L24.Temp 1.832208 1.574778 1.163 0.245

L24.Precip. horaria 0.004861 0.001882 2.584 0.010

L24.Temp. prom aire 0.000166 0.000231 0.718 0.473

L25.Conduct -17.507052 3.809822 -4.595 0.000

L25.Water 11.188786 3.225667 3.469 0.001

L25.Temp 0.101482 1.625291 0.062 0.950

L25.Precip. horaria 0.002913 0.001889 1.542 0.123

L25.Temp. prom aire 0.000072 0.000234 0.306 0.760

L26.Conduct 17.104920 3.801166 4.500 0.000

L26.Water -12.352971 3.176750 -3.889 0.000

L26.Temp -0.892865 1.693733 -0.527 0.598

L26.Precip. horaria 0.001028 0.001905 0.539 0.590

L26.Temp. prom aire -0.000128 0.000243 -0.526 0.599

L27.Conduct -13.815071 3.986100 -3.466 0.001

L27.Water 10.228586 3.301625 3.098 0.002

L27.Temp 1.692188 1.693861 0.999 0.318

L27.Precip. horaria 0.001944 0.001880 1.034 0.301

L27.Temp. prom aire 0.000053 0.000243 0.220 0.826

L28.Conduct 10.563340 4.114795 2.567 0.010

L28.Water -7.531908 3.360440 -2.241 0.025

L28.Temp -3.375399 1.617991 -2.086 0.037

L28.Precip. horaria -0.001971 0.001893 -1.041 0.298

L28.Temp. prom aire 0.000482 0.000240 2.006 0.045

L29.Conduct -6.999891 4.118530 -1.700 0.089

L29.Water 5.522642 3.311005 1.668 0.095

L29.Temp 5.037281 1.552633 3.244 0.001

L29.Precip. horaria 0.005244 0.001864 2.813 0.005

L29.Temp. prom aire -0.000773 0.000240 -3.226 0.001

L30.Conduct 1.956887 3.999268 0.489 0.625

L30.Water -2.938738 3.191012 -0.921 0.357

L30.Temp -5.445379 1.528216 -3.563 0.000

L30.Precip. horaria 0.000155 0.001879 0.083 0.934

L30.Temp. prom aire 0.000011 0.000245 0.044 0.965

L31.Conduct 3.304897 3.729617 0.886 0.376

L31.Water -0.705237 3.006694 -0.235 0.815

L31.Temp 4.557774 1.503577 3.031 0.002

L31.Precip. horaria 0.002096 0.001853 1.131 0.258

L31.Temp. prom aire 0.000008 0.000248 0.033 0.974

L32.Conduct -6.473958 3.328927 -1.945 0.052

L32.Water 4.004826 2.723294 1.471 0.141

L32.Temp -3.231327 1.476271 -2.189 0.029

L32.Precip. horaria -0.004731 0.001897 -2.494 0.013

L32.Temp. prom aire -0.000186 0.000244 -0.764 0.445

L33.Conduct 6.838599 2.966808 2.305 0.021

L33.Water -5.356495 2.441781 -2.194 0.028

L33.Temp 2.020392 1.480197 1.365 0.172

L33.Precip. horaria 0.001344 0.001933 0.696 0.487

L33.Temp. prom aire 0.000531 0.000244 2.171 0.030

L34.Conduct -5.753827 2.832536 -2.031 0.042

L34.Water 4.471170 2.341749 1.909 0.056

L34.Temp -0.589324 1.482617 -0.397 0.691

L34.Precip. horaria -0.000365 0.001922 -0.190 0.849

L34.Temp. prom aire -0.000316 0.000249 -1.267 0.205

L35.Conduct 4.967542 2.841536 1.748 0.080

L35.Water -2.932660 2.342754 -1.252 0.211

L35.Temp -1.379646 1.451728 -0.950 0.342

L35.Precip. horaria 0.001955 0.001957 0.999 0.318

L35.Temp. prom aire -0.000248 0.000251 -0.987 0.324

L36.Conduct -4.430136 2.809910 -1.577 0.115

L36.Water 2.068015 2.306633 0.897 0.370

L36.Temp 3.286464 1.411392 2.329 0.020

L36.Precip. horaria -0.002635 0.001973 -1.336 0.182

L36.Temp. prom aire 0.000385 0.000252 1.527 0.127

L37.Conduct 2.899050 2.674362 1.084 0.278

L37.Water -1.177054 2.228650 -0.528 0.597

L37.Temp -4.090120 1.363310 -3.000 0.003

L37.Precip. horaria 0.007145 0.001997 3.577 0.000

L37.Temp. prom aire -0.000196 0.000255 -0.769 0.442

L38.Conduct -0.475360 2.365886 -0.201 0.841

L38.Water -0.466987 2.081364 -0.224 0.822

L38.Temp 3.399938 1.266042 2.685 0.007

L38.Precip. horaria -0.007716 0.002120 -3.639 0.000

L38.Temp. prom aire 0.000343 0.000251 1.368 0.171

L39.Conduct -1.314827 1.812530 -0.725 0.468

L39.Water 2.050776 1.763377 1.163 0.245

L39.Temp -1.954924 1.094948 -1.785 0.074

L39.Precip. horaria 0.000751 0.002210 0.340 0.734

L39.Temp. prom aire 0.000075 0.000253 0.295 0.768

L40.Conduct 1.480747 1.113007 1.330 0.183

L40.Water -2.413546 1.342093 -1.798 0.072

L40.Temp 0.644407 0.928383 0.694 0.488

L40.Precip. horaria 0.003055 0.002163 1.413 0.158

L40.Temp. prom aire -0.000435 0.000249 -1.747 0.081

L41.Conduct -0.551413 0.547110 -1.008 0.314

L41.Water 1.450805 1.061011 1.367 0.172

L41.Temp 0.436931 0.866244 0.504 0.614

L41.Precip. horaria -0.002965 0.002277 -1.302 0.193

L41.Temp. prom aire -0.000155 0.000254 -0.610 0.542

L42.Conduct -0.194668 0.339352 -0.574 0.566

L42.Water -0.236476 0.960088 -0.246 0.805

L42.Temp -1.363712 0.866323 -1.574 0.115

L42.Precip. horaria 0.002933 0.002383 1.231 0.218

L42.Temp. prom aire 0.000316 0.000250 1.268 0.205

L43.Conduct 0.269848 0.325126 0.830 0.407

L43.Water -0.305488 0.911388 -0.335 0.737

L43.Temp 1.808805 0.865253 2.090 0.037

L43.Precip. horaria -0.002550 0.002536 -1.006 0.315

L43.Temp. prom aire -0.000321 0.000251 -1.278 0.201

L44.Conduct -0.166642 0.318872 -0.523 0.601

L44.Water 0.296898 0.853080 0.348 0.728

L44.Temp -1.498683 0.830091 -1.805 0.071

L44.Precip. horaria -0.000552 0.002654 -0.208 0.835

L44.Temp. prom aire 0.000240 0.000254 0.947 0.344

L45.Conduct 0.182457 0.293160 0.622 0.534

L45.Water -0.143779 0.731498 -0.197 0.844

L45.Temp 0.712709 0.716304 0.995 0.320

L45.Precip. horaria 0.005065 0.002697 1.878 0.060

L45.Temp. prom aire -0.000282 0.000254 -1.110 0.267

L46.Conduct -0.144487 0.249737 -0.579 0.563

L46.Water -0.011200 0.508219 -0.022 0.982

L46.Temp -0.092944 0.496272 -0.187 0.851

L46.Precip. horaria 0.003546 0.002898 1.224 0.221

L46.Temp. prom aire 0.000367 0.000256 1.436 0.151

L47.Conduct 0.043079 0.154163 0.279 0.780

L47.Water 0.065099 0.238860 0.273 0.785

L47.Temp -0.076573 0.231974 -0.330 0.741

L47.Precip. horaria 0.003674 0.002820 1.303 0.193

L47.Temp. prom aire 0.000107 0.000258 0.416 0.678

L48.Conduct -0.001086 0.042697 -0.025 0.980

L48.Water -0.024716 0.053727 -0.460 0.645

L48.Temp 0.030627 0.052109 0.588 0.557

L48.Precip. horaria -0.001300 0.002857 -0.455 0.649

L48.Temp. prom aire -0.000059 0.000237 -0.251 0.802

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.048482 0.027728 -1.749 0.080

L1.Conduct -0.141252 0.168573 -0.838 0.402

L1.Water -0.208150 0.239758 -0.868 0.385

L1.Temp 3.722266 0.073752 50.470 0.000

L1.Precip. horaria -0.002995 0.003645 -0.822 0.411

L1.Temp. prom aire 0.000609 0.000381 1.601 0.109

L2.Conduct 0.755515 0.799742 0.945 0.345

L2.Water 0.591924 1.043201 0.567 0.570

L2.Temp -5.664680 0.294373 -19.243 0.000

L2.Precip. horaria 0.002998 0.003679 0.815 0.415

L2.Temp. prom aire 0.000270 0.000416 0.650 0.516

L3.Conduct -1.951452 1.846316 -1.057 0.291

L3.Water -0.307977 2.165877 -0.142 0.887

L3.Temp 4.283234 0.556407 7.698 0.000

L3.Precip. horaria -0.002152 0.003701 -0.582 0.561

L3.Temp. prom aire -0.000756 0.000417 -1.813 0.070

L4.Conduct 3.315930 2.907140 1.141 0.254

L4.Water -1.096134 3.054626 -0.359 0.720

L4.Temp -0.824433 0.716898 -1.150 0.250

L4.Precip. horaria -0.002570 0.003580 -0.718 0.473

L4.Temp. prom aire 0.000261 0.000419 0.623 0.533

L5.Conduct -4.041176 3.678540 -1.099 0.272

L5.Water 2.720331 3.545418 0.767 0.443

L5.Temp -2.019807 0.775988 -2.603 0.009

L5.Precip. horaria -0.001605 0.003661 -0.438 0.661

L5.Temp. prom aire -0.000025 0.000417 -0.061 0.952

L6.Conduct 3.310139 4.104752 0.806 0.420

L6.Water -3.055699 3.783077 -0.808 0.419

L6.Temp 3.215567 0.840870 3.824 0.000

L6.Precip. horaria -0.001523 0.003610 -0.422 0.673

L6.Temp. prom aire 0.000066 0.000415 0.160 0.873

L7.Conduct -1.239705 4.262355 -0.291 0.771

L7.Water 1.556082 3.899161 0.399 0.690

L7.Temp -4.440328 1.011306 -4.391 0.000

L7.Precip. horaria 0.003658 0.003631 1.008 0.314

L7.Temp. prom aire 0.000213 0.000417 0.510 0.610

L8.Conduct -0.841881 4.228559 -0.199 0.842

L8.Water 0.139523 3.921706 0.036 0.972

L8.Temp 6.843555 1.271433 5.383 0.000

L8.Precip. horaria -0.004557 0.003553 -1.283 0.200

L8.Temp. prom aire -0.000731 0.000423 -1.726 0.084

L9.Conduct 2.049765 4.239830 0.483 0.629

L9.Water -0.508257 4.082588 -0.124 0.901

L9.Temp -7.755932 1.535850 -5.050 0.000

L9.Precip. horaria -0.000961 0.003485 -0.276 0.783

L9.Temp. prom aire 0.000751 0.000426 1.761 0.078

L10.Conduct -2.820844 4.745794 -0.594 0.552

L10.Water 0.343007 4.705234 0.073 0.942

L10.Temp 4.970919 1.738530 2.859 0.004

L10.Precip. horaria -0.003072 0.003579 -0.858 0.391

L10.Temp. prom aire -0.000486 0.000429 -1.134 0.257

L11.Conduct 3.773233 5.612822 0.672 0.501

L11.Water -0.796133 5.422545 -0.147 0.883

L11.Temp -0.021670 1.840573 -0.012 0.991

L11.Precip. horaria -0.002745 0.003591 -0.764 0.445

L11.Temp. prom aire -0.000624 0.000431 -1.446 0.148

L12.Conduct -4.709815 6.373595 -0.739 0.460

L12.Water 1.926647 5.886322 0.327 0.743

L12.Temp -3.829401 1.863489 -2.055 0.040

L12.Precip. horaria -0.002207 0.003484 -0.634 0.526

L12.Temp. prom aire 0.000183 0.000432 0.423 0.672

L13.Conduct 5.047784 6.833407 0.739 0.460

L13.Water -2.825388 6.115597 -0.462 0.644

L13.Temp 4.324712 1.896123 2.281 0.023

L13.Precip. horaria -0.003648 0.003440 -1.061 0.289

L13.Temp. prom aire -0.000096 0.000433 -0.221 0.825

L14.Conduct -5.165781 7.011045 -0.737 0.461

L14.Water 2.793749 6.189017 0.451 0.652

L14.Temp -3.570971 2.024858 -1.764 0.078

L14.Precip. horaria -0.000845 0.003409 -0.248 0.804

L14.Temp. prom aire -0.000150 0.000423 -0.355 0.723

L15.Conduct 5.816386 6.966269 0.835 0.404

L15.Water -2.756173 6.123207 -0.450 0.653

L15.Temp 5.087574 2.228780 2.283 0.022

L15.Precip. horaria -0.000334 0.003394 -0.098 0.922

L15.Temp. prom aire 0.000257 0.000425 0.606 0.545

L16.Conduct -6.221491 6.773520 -0.919 0.358

L16.Water 3.389728 5.970591 0.568 0.570

L16.Temp -7.347133 2.403940 -3.056 0.002

L16.Precip. horaria 0.000607 0.003365 0.180 0.857

L16.Temp. prom aire -0.000032 0.000409 -0.077 0.938

L17.Conduct 4.787549 6.715055 0.713 0.476

L17.Water -3.586308 6.005579 -0.597 0.550

L17.Temp 6.555976 2.516414 2.605 0.009

L17.Precip. horaria -0.000062 0.003372 -0.018 0.985

L17.Temp. prom aire -0.000287 0.000406 -0.708 0.479

L18.Conduct -0.953369 6.991666 -0.136 0.892

L18.Water 2.045563 6.228836 0.328 0.743

L18.Temp -2.288897 2.605368 -0.879 0.380

L18.Precip. horaria 0.007069 0.003373 2.096 0.036

L18.Temp. prom aire 0.000191 0.000407 0.469 0.639

L19.Conduct -4.121195 7.495761 -0.550 0.582

L19.Water 1.184359 6.513272 0.182 0.856

L19.Temp -1.863978 2.668317 -0.699 0.485

L19.Precip. horaria 0.001620 0.003388 0.478 0.633

L19.Temp. prom aire -0.000145 0.000405 -0.360 0.719

L20.Conduct 8.315670 7.988705 1.041 0.298

L20.Water -4.317347 6.791546 -0.636 0.525

L20.Temp 2.518989 2.680067 0.940 0.347

L20.Precip. horaria 0.001697 0.003374 0.503 0.615

L20.Temp. prom aire 0.000264 0.000404 0.655 0.512

L21.Conduct -10.586805 8.249532 -1.283 0.199

L21.Water 5.729878 6.899737 0.830 0.406

L21.Temp -1.756738 2.673286 -0.657 0.511

L21.Precip. horaria 0.000582 0.003391 0.172 0.864

L21.Temp. prom aire -0.000411 0.000405 -1.014 0.310

L22.Conduct 11.001200 8.237197 1.336 0.182

L22.Water -5.580485 6.833431 -0.817 0.414

L22.Temp 3.206211 2.711735 1.182 0.237

L22.Precip. horaria 0.005111 0.003456 1.479 0.139

L22.Temp. prom aire 0.000143 0.000406 0.353 0.724

L23.Conduct -9.511214 7.914428 -1.202 0.229

L23.Water 4.610571 6.589382 0.700 0.484

L23.Temp -5.908597 2.771621 -2.132 0.033

L23.Precip. horaria 0.002307 0.003528 0.654 0.513

L23.Temp. prom aire -0.000602 0.000409 -1.471 0.141

L24.Conduct 6.483952 7.325931 0.885 0.376

L24.Water -3.541823 6.196055 -0.572 0.568

L24.Temp 6.791520 2.816270 2.412 0.016

L24.Precip. horaria 0.000724 0.003365 0.215 0.830

L24.Temp. prom aire 0.000757 0.000413 1.835 0.067

L25.Conduct -2.849390 6.813335 -0.418 0.676

L25.Water 2.469568 5.768655 0.428 0.669

L25.Temp -4.403543 2.906606 -1.515 0.130

L25.Precip. horaria 0.003055 0.003379 0.904 0.366

L25.Temp. prom aire 0.000039 0.000419 0.092 0.926

L26.Conduct -0.265604 6.797856 -0.039 0.969

L26.Water -0.855588 5.681174 -0.151 0.880

L26.Temp 0.570386 3.029006 0.188 0.851

L26.Precip. horaria 0.000642 0.003407 0.188 0.851

L26.Temp. prom aire -0.000668 0.000435 -1.538 0.124

L27.Conduct 1.984825 7.128584 0.278 0.781

L27.Water -0.730517 5.904496 -0.124 0.902

L27.Temp 1.331063 3.029235 0.439 0.660

L27.Precip. horaria 0.003352 0.003362 0.997 0.319

L27.Temp. prom aire 0.000324 0.000435 0.744 0.457

L28.Conduct -3.034866 7.358738 -0.412 0.680

L28.Water 1.756498 6.009679 0.292 0.770

L28.Temp -1.383977 2.893550 -0.478 0.632

L28.Precip. horaria -0.004254 0.003385 -1.257 0.209

L28.Temp. prom aire 0.000519 0.000429 1.210 0.226

L29.Conduct 4.765332 7.365417 0.647 0.518

L29.Water -2.986929 5.921270 -0.504 0.614

L29.Temp 2.110897 2.776667 0.760 0.447

L29.Precip. horaria 0.006310 0.003334 1.893 0.058

L29.Temp. prom aire 0.000103 0.000429 0.241 0.809

L30.Conduct -6.851643 7.152132 -0.958 0.338

L30.Water 4.797687 5.706680 0.841 0.401

L30.Temp -4.075549 2.733001 -1.491 0.136

L30.Precip. horaria 0.001722 0.003360 0.513 0.608

L30.Temp. prom aire -0.000037 0.000438 -0.084 0.933

L31.Conduct 7.860911 6.669899 1.179 0.239

L31.Water -6.476113 5.377052 -1.204 0.228

L31.Temp 5.409518 2.688939 2.012 0.044

L31.Precip. horaria 0.007772 0.003314 2.346 0.019

L31.Temp. prom aire -0.000055 0.000443 -0.124 0.901

L32.Conduct -6.857747 5.953322 -1.152 0.249

L32.Water 6.583219 4.870231 1.352 0.176

L32.Temp -3.820577 2.640105 -1.447 0.148

L32.Precip. horaria 0.004789 0.003393 1.411 0.158

L32.Temp. prom aire -0.000113 0.000436 -0.259 0.795

L33.Conduct 4.248876 5.305723 0.801 0.423

L33.Water -4.334280 4.366785 -0.993 0.321

L33.Temp 0.124629 2.647125 0.047 0.962

L33.Precip. horaria 0.004576 0.003456 1.324 0.185

L33.Temp. prom aire -0.000001 0.000437 -0.002 0.998

L34.Conduct -1.205221 5.065595 -0.238 0.812

L34.Water 0.668848 4.187892 0.160 0.873

L34.Temp 2.405282 2.651454 0.907 0.364

L34.Precip. horaria -0.004190 0.003436 -1.219 0.223

L34.Temp. prom aire 0.000289 0.000446 0.647 0.517

L35.Conduct -1.664519 5.081692 -0.328 0.743

L35.Water 2.916025 4.189688 0.696 0.486

L35.Temp -2.990887 2.596214 -1.152 0.249

L35.Precip. horaria 0.005719 0.003500 1.634 0.102

L35.Temp. prom aire -0.000176 0.000449 -0.391 0.695

L36.Conduct 3.943981 5.025132 0.785 0.433

L36.Water -5.098687 4.125092 -1.236 0.216

L36.Temp 3.159889 2.524078 1.252 0.211

L36.Precip. horaria -0.010031 0.003528 -2.843 0.004

L36.Temp. prom aire -0.000176 0.000451 -0.390 0.696

L37.Conduct -5.178776 4.782724 -1.083 0.279

L37.Water 5.369973 3.985630 1.347 0.178

L37.Temp -3.688902 2.438090 -1.513 0.130

L37.Precip. horaria 0.019044 0.003572 5.332 0.000

L37.Temp. prom aire 0.000031 0.000455 0.068 0.946

L38.Conduct 5.317863 4.231057 1.257 0.209

L38.Water -4.427863 3.722229 -1.190 0.234

L38.Temp 3.997676 2.264139 1.766 0.077

L38.Precip. horaria -0.017823 0.003792 -4.700 0.000

L38.Temp. prom aire 0.000554 0.000449 1.235 0.217

L39.Conduct -4.280407 3.241457 -1.321 0.187

L39.Water 2.856405 3.153554 0.906 0.365

L39.Temp -2.871370 1.958161 -1.466 0.143

L39.Precip. horaria -0.006887 0.003952 -1.743 0.081

L39.Temp. prom aire -0.000331 0.000452 -0.733 0.464

L40.Conduct 2.230472 1.990458 1.121 0.262

L40.Water -0.758794 2.400147 -0.316 0.752

L40.Temp 0.475596 1.660284 0.286 0.775

L40.Precip. horaria 0.014847 0.003868 3.839 0.000

L40.Temp. prom aire -0.000221 0.000445 -0.497 0.619

L41.Conduct -0.203425 0.978430 -0.208 0.835

L41.Water -1.315444 1.897470 -0.693 0.488

L41.Temp 1.479683 1.549157 0.955 0.339

L41.Precip. horaria -0.015044 0.004071 -3.695 0.000

L41.Temp. prom aire -0.000116 0.000455 -0.256 0.798

L42.Conduct -0.552355 0.606884 -0.910 0.363

L42.Water 2.298378 1.716984 1.339 0.181

L42.Temp -2.118648 1.549298 -1.367 0.171

L42.Precip. horaria 0.005990 0.004262 1.405 0.160

L42.Temp. prom aire -0.000593 0.000446 -1.329 0.184

L43.Conduct -0.135432 0.581442 -0.233 0.816

L43.Water -1.583747 1.629891 -0.972 0.331

L43.Temp 1.897093 1.547385 1.226 0.220

L43.Precip. horaria 0.000915 0.004535 0.202 0.840

L43.Temp. prom aire 0.000393 0.000449 0.876 0.381

L44.Conduct 0.975071 0.570257 1.710 0.087

L44.Water 0.036404 1.525614 0.024 0.981

L44.Temp -1.601385 1.484502 -1.079 0.281

L44.Precip. horaria -0.006059 0.004746 -1.277 0.202

L44.Temp. prom aire 0.000026 0.000453 0.058 0.954

L45.Conduct -0.844730 0.524276 -1.611 0.107

L45.Water 0.906923 1.308182 0.693 0.488

L45.Temp 1.498723 1.281009 1.170 0.242

L45.Precip. horaria 0.006820 0.004823 1.414 0.157

L45.Temp. prom aire -0.000251 0.000454 -0.554 0.580

L46.Conduct 0.249282 0.446620 0.558 0.577

L46.Water -0.928291 0.908878 -1.021 0.307

L46.Temp -1.125703 0.887513 -1.268 0.205

L46.Precip. horaria -0.004564 0.005182 -0.881 0.379

L46.Temp. prom aire 0.000160 0.000457 0.349 0.727

L47.Conduct 0.005918 0.275699 0.021 0.983

L47.Water 0.516380 0.427167 1.209 0.227

L47.Temp 0.468235 0.414853 1.129 0.259

L47.Precip. horaria 0.009662 0.005043 1.916 0.055

L47.Temp. prom aire 0.000527 0.000462 1.143 0.253

L48.Conduct -0.007252 0.076357 -0.095 0.924

L48.Water -0.132047 0.096083 -1.374 0.169

L48.Temp -0.074728 0.093190 -0.802 0.423

L48.Precip. horaria 0.004602 0.005110 0.901 0.368

L48.Temp. prom aire -0.000144 0.000424 -0.340 0.734

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -1.567205 0.547637 -2.862 0.004

L1.Conduct 6.483997 3.329421 1.947 0.051

L1.Water -12.818375 4.735375 -2.707 0.007

L1.Temp 0.109587 1.456650 0.075 0.940

L1.Precip. horaria -0.044439 0.071990 -0.617 0.537

L1.Temp. prom aire -0.003308 0.007519 -0.440 0.660

L2.Conduct -18.097209 15.795424 -1.146 0.252

L2.Water 36.885136 20.603885 1.790 0.073

L2.Temp -4.894374 5.814049 -0.842 0.400

L2.Precip. horaria -0.216251 0.072659 -2.976 0.003

L2.Temp. prom aire 0.007666 0.008214 0.933 0.351

L3.Conduct 14.477218 36.465927 0.397 0.691

L3.Water -37.952088 42.777461 -0.887 0.375

L3.Temp 16.866331 10.989398 1.535 0.125

L3.Precip. horaria 0.166851 0.073100 2.282 0.022

L3.Temp. prom aire -0.005936 0.008232 -0.721 0.471

L4.Conduct 8.478172 57.417888 0.148 0.883

L4.Water 22.211801 60.330837 0.368 0.713

L4.Temp -26.475942 14.159198 -1.870 0.062

L4.Precip. horaria -0.210665 0.070698 -2.980 0.003

L4.Temp. prom aire 0.000398 0.008274 0.048 0.962

L5.Conduct -32.058682 72.653523 -0.441 0.659

L5.Water -21.385772 70.024293 -0.305 0.760

L5.Temp 28.260131 15.326267 1.844 0.065

L5.Precip. horaria 0.051596 0.072314 0.714 0.476

L5.Temp. prom aire -0.005164 0.008244 -0.626 0.531

L6.Conduct 46.937940 81.071484 0.579 0.563

L6.Water 23.235193 74.718203 0.311 0.756

L6.Temp -29.244031 16.607716 -1.761 0.078

L6.Precip. horaria -0.161909 0.071294 -2.271 0.023

L6.Temp. prom aire -0.005331 0.008201 -0.650 0.516

L7.Conduct -52.632066 84.184254 -0.625 0.532

L7.Water -11.657562 77.010930 -0.151 0.880

L7.Temp 31.093353 19.973943 1.557 0.120

L7.Precip. horaria 0.147758 0.071712 2.060 0.039

L7.Temp. prom aire 0.011963 0.008237 1.452 0.146

L8.Conduct 40.084300 83.516765 0.480 0.631

L8.Water 1.905928 77.456211 0.025 0.980

L8.Temp -26.463162 25.111626 -1.054 0.292

L8.Precip. horaria -0.023233 0.070164 -0.331 0.741

L8.Temp. prom aire -0.000912 0.008364 -0.109 0.913

L9.Conduct 2.137934 83.739367 0.026 0.980

L9.Water -20.605276 80.633748 -0.256 0.798

L9.Temp 8.469904 30.334016 0.279 0.780

L9.Precip. horaria 0.138236 0.068833 2.008 0.045

L9.Temp. prom aire 0.010548 0.008418 1.253 0.210

L10.Conduct -67.019220 93.732481 -0.715 0.475

L10.Water 68.647638 92.931390 0.739 0.460

L10.Temp 20.211218 34.337076 0.589 0.556

L10.Precip. horaria -0.107906 0.070695 -1.526 0.127

L10.Temp. prom aire -0.013187 0.008475 -1.556 0.120

L11.Conduct 128.168279 110.856847 1.156 0.248

L11.Water -110.556337 107.098750 -1.032 0.302

L11.Temp -46.024727 36.352492 -1.266 0.205

L11.Precip. horaria -0.042253 0.070923 -0.596 0.551

L11.Temp. prom aire 0.004297 0.008522 0.504 0.614

L12.Conduct -165.276367 125.882595 -1.313 0.189

L12.Water 122.857833 116.258640 1.057 0.291

L12.Temp 63.700239 36.805108 1.731 0.083

L12.Precip. horaria -0.013328 0.068811 -0.194 0.846

L12.Temp. prom aire 0.005171 0.008525 0.607 0.544

L13.Conduct 175.248199 134.964192 1.298 0.194

L13.Water -111.555257 120.786982 -0.924 0.356

L13.Temp -78.068520 37.449642 -2.085 0.037

L13.Precip. horaria -0.020291 0.067945 -0.299 0.765

L13.Temp. prom aire -0.001666 0.008542 -0.195 0.845

L14.Conduct -158.959006 138.472650 -1.148 0.251

L14.Water 90.278039 122.237056 0.739 0.460

L14.Temp 86.666371 39.992240 2.167 0.030

L14.Precip. horaria 0.032582 0.067332 0.484 0.628

L14.Temp. prom aire -0.009556 0.008347 -1.145 0.252

L15.Conduct 115.924710 137.588295 0.843 0.399

L15.Water -63.154154 120.937282 -0.522 0.602

L15.Temp -81.734468 44.019845 -1.857 0.063

L15.Precip. horaria -0.032597 0.067030 -0.486 0.627

L15.Temp. prom aire -0.003998 0.008395 -0.476 0.634

L16.Conduct -47.349290 133.781376 -0.354 0.723

L16.Water 10.143506 117.923004 0.086 0.931

L16.Temp 54.965942 47.479371 1.158 0.247

L16.Precip. horaria 0.038372 0.066452 0.577 0.564

L16.Temp. prom aire -0.006487 0.008080 -0.803 0.422

L17.Conduct -32.670968 132.626651 -0.246 0.805

L17.Water 68.499832 118.614052 0.578 0.564

L17.Temp -6.581885 49.700790 -0.132 0.895

L17.Precip. horaria -0.129566 0.066600 -1.945 0.052

L17.Temp. prom aire 0.006766 0.008016 0.844 0.399

L18.Conduct 88.605768 138.089892 0.642 0.521

L18.Water -120.137984 123.023508 -0.977 0.329

L18.Temp -43.406283 51.457691 -0.844 0.399

L18.Precip. horaria -0.030581 0.066619 -0.459 0.646

L18.Temp. prom aire 0.007939 0.008034 0.988 0.323

L19.Conduct -97.495210 148.046096 -0.659 0.510

L19.Water 109.970119 128.641310 0.855 0.393

L19.Temp 78.700434 52.700969 1.493 0.135

L19.Precip. horaria -0.040032 0.066917 -0.598 0.550

L19.Temp. prom aire -0.008383 0.007990 -1.049 0.294

L20.Conduct 84.404986 157.782068 0.535 0.593

L20.Water -78.823811 134.137409 -0.588 0.557

L20.Temp -105.184768 52.933053 -1.987 0.047

L20.Precip. horaria 0.055448 0.066634 0.832 0.405

L20.Temp. prom aire -0.000468 0.007971 -0.059 0.953

L21.Conduct -78.796436 162.933570 -0.484 0.629

L21.Water 74.567895 136.274233 0.547 0.584

L21.Temp 131.775751 52.799116 2.496 0.013

L21.Precip. horaria -0.158888 0.066972 -2.372 0.018

L21.Temp. prom aire 0.021043 0.007996 2.632 0.008

L22.Conduct 68.331725 162.689941 0.420 0.674

L22.Water -71.066221 134.964648 -0.527 0.599

L22.Temp -153.290378 53.558516 -2.862 0.004

L22.Precip. horaria -0.075021 0.068256 -1.099 0.272

L22.Temp. prom aire -0.013059 0.008020 -1.628 0.103

L23.Conduct -26.233718 156.315049 -0.168 0.867

L23.Water 29.328084 130.144539 0.225 0.822

L23.Temp 150.200064 54.741304 2.744 0.006

L23.Precip. horaria -0.033711 0.069676 -0.484 0.629

L23.Temp. prom aire 0.000252 0.008078 0.031 0.975

L24.Conduct -41.603249 144.691839 -0.288 0.774

L24.Water 32.205035 122.376065 0.263 0.792

L24.Temp -111.362392 55.623142 -2.002 0.045

L24.Precip. horaria -0.029604 0.066460 -0.445 0.656

L24.Temp. prom aire 0.012277 0.008153 1.506 0.132

L25.Conduct 90.434236 134.567745 0.672 0.502

L25.Water -67.244916 113.934648 -0.590 0.555

L25.Temp 56.350955 57.407331 0.982 0.326

L25.Precip. horaria 0.016972 0.066732 0.254 0.799

L25.Temp. prom aire -0.032165 0.008269 -3.890 0.000

L26.Conduct -110.512808 134.262025 -0.823 0.410

L26.Water 61.832660 112.206840 0.551 0.582

L26.Temp -9.210044 59.824808 -0.154 0.878

L26.Precip. horaria 0.045574 0.067296 0.677 0.498

L26.Temp. prom aire 0.001696 0.008583 0.198 0.843

L27.Conduct 144.601764 140.794122 1.027 0.304

L27.Water -60.250167 116.617596 -0.517 0.605

L27.Temp -28.528515 59.829337 -0.477 0.633

L27.Precip. horaria 0.098960 0.066404 1.490 0.136

L27.Temp. prom aire 0.002684 0.008586 0.313 0.755

L28.Conduct -195.150078 145.339798 -1.343 0.179

L28.Water 94.084711 118.695020 0.793 0.428

L28.Temp 65.933111 57.149479 1.154 0.249

L28.Precip. horaria 0.037119 0.066862 0.555 0.579

L28.Temp. prom aire -0.000760 0.008478 -0.090 0.929

L29.Conduct 216.584662 145.471721 1.489 0.137

L29.Water -122.995783 116.948887 -1.052 0.293

L29.Temp -104.772863 54.840952 -1.910 0.056

L29.Precip. horaria 0.046960 0.065843 0.713 0.476

L29.Temp. prom aire 0.002094 0.008465 0.247 0.805

L30.Conduct -180.858288 141.259215 -1.280 0.200

L30.Water 99.163983 112.710605 0.880 0.379

L30.Temp 129.165198 53.978533 2.393 0.017

L30.Precip. horaria -0.096607 0.066352 -1.456 0.145

L30.Temp. prom aire -0.013685 0.008648 -1.583 0.114

L31.Conduct 107.698137 131.734804 0.818 0.414

L31.Water -35.451473 106.200245 -0.334 0.739

L31.Temp -123.394889 53.108265 -2.323 0.020

L31.Precip. horaria 0.017666 0.065444 0.270 0.787

L31.Temp. prom aire 0.002019 0.008752 0.231 0.818

L32.Conduct -50.618592 117.581934 -0.430 0.667

L32.Water -11.439785 96.190200 -0.119 0.905

L32.Temp 96.596240 52.143775 1.852 0.064

L32.Precip. horaria -0.065817 0.067011 -0.982 0.326

L32.Temp. prom aire 0.014695 0.008612 1.706 0.088

L33.Conduct 27.351410 104.791432 0.261 0.794

L33.Water 13.894277 86.246803 0.161 0.872

L33.Temp -67.655984 52.282430 -1.294 0.196

L33.Precip. horaria -0.111778 0.068258 -1.638 0.102

L33.Temp. prom aire -0.003931 0.008635 -0.455 0.649

L34.Conduct -9.387076 100.048764 -0.094 0.925

L34.Water -5.309167 82.713564 -0.064 0.949

L34.Temp 43.124343 52.367918 0.823 0.410

L34.Precip. horaria -0.189943 0.067873 -2.799 0.005

L34.Temp. prom aire -0.003553 0.008811 -0.403 0.687

L35.Conduct -12.523722 100.366675 -0.125 0.901

L35.Water 11.267609 82.749041 0.136 0.892

L35.Temp -12.186926 51.276889 -0.238 0.812

L35.Precip. horaria -0.112074 0.069130 -1.621 0.105

L35.Temp. prom aire -0.002590 0.008866 -0.292 0.770

L36.Conduct 21.148606 99.249589 0.213 0.831

L36.Water -8.917468 81.473221 -0.109 0.913

L36.Temp -37.061849 49.852171 -0.743 0.457

L36.Precip. horaria 0.013258 0.069685 0.190 0.849

L36.Temp. prom aire -0.008863 0.008904 -0.995 0.320

L37.Conduct 1.683077 94.461875 0.018 0.986

L37.Water -24.251911 78.718757 -0.308 0.758

L37.Temp 86.911435 48.153836 1.805 0.071

L37.Precip. horaria 0.017361 0.070549 0.246 0.806

L37.Temp. prom aire -0.003296 0.008993 -0.367 0.714

L38.Conduct -43.399404 83.566091 -0.519 0.604

L38.Water 72.772584 73.516421 0.990 0.322

L38.Temp -105.405175 44.718200 -2.357 0.018

L38.Precip. horaria -0.005366 0.074894 -0.072 0.943

L38.Temp. prom aire -0.010688 0.008861 -1.206 0.228

L39.Conduct 61.132571 64.020851 0.955 0.340

L39.Water -97.629179 62.284728 -1.567 0.117

L39.Temp 90.982045 38.674946 2.352 0.019

L39.Precip. horaria 0.040971 0.078050 0.525 0.600

L39.Temp. prom aire 0.008746 0.008933 0.979 0.328

L40.Conduct -46.078354 39.312816 -1.172 0.241

L40.Water 79.904844 47.404440 1.686 0.092

L40.Temp -66.752374 32.791679 -2.036 0.042

L40.Precip. horaria 0.042804 0.076389 0.560 0.575

L40.Temp. prom aire -0.027084 0.008787 -3.082 0.002

L41.Conduct 24.210547 19.324617 1.253 0.210

L41.Water -42.235889 37.476253 -1.127 0.260

L41.Temp 48.658835 30.596845 1.590 0.112

L41.Precip. horaria 0.017137 0.080414 0.213 0.831

L41.Temp. prom aire 0.017870 0.008985 1.989 0.047

L42.Conduct -8.236866 11.986352 -0.687 0.492

L42.Water 12.981788 33.911532 0.383 0.702

L42.Temp -32.973110 30.599637 -1.078 0.281

L42.Precip. horaria 0.134880 0.084180 1.602 0.109

L42.Temp. prom aire -0.005342 0.008815 -0.606 0.544

L43.Conduct 2.537373 11.483848 0.221 0.825

L43.Water 3.193594 32.191393 0.099 0.921

L43.Temp 8.971894 30.561848 0.294 0.769

L43.Precip. horaria -0.224128 0.089575 -2.502 0.012

L43.Temp. prom aire -0.002380 0.008874 -0.268 0.789

L44.Conduct -5.482117 11.262950 -0.487 0.626

L44.Water -13.139101 30.131865 -0.436 0.663

L44.Temp 17.803515 29.319864 0.607 0.544

L44.Precip. horaria -0.096994 0.093733 -1.035 0.301

L44.Temp. prom aire 0.002785 0.008954 0.311 0.756

L45.Conduct 3.326472 10.354780 0.321 0.748

L45.Water 21.981015 25.837427 0.851 0.395

L45.Temp -31.344941 25.300758 -1.239 0.215

L45.Precip. horaria -0.326773 0.095260 -3.430 0.001

L45.Temp. prom aire -0.012838 0.008959 -1.433 0.152

L46.Conduct 3.525410 8.821039 0.400 0.689

L46.Water -24.194071 17.950928 -1.348 0.178

L46.Temp 27.085200 17.528953 1.545 0.122

L46.Precip. horaria -0.080734 0.102355 -0.789 0.430

L46.Temp. prom aire -0.005860 0.009028 -0.649 0.516

L47.Conduct -3.880394 5.445229 -0.713 0.476

L47.Water 14.431043 8.436824 1.710 0.087

L47.Temp -13.596869 8.193620 -1.659 0.097

L47.Precip. horaria -0.116279 0.099595 -1.168 0.243

L47.Temp. prom aire 0.010180 0.009116 1.117 0.264

L48.Conduct 0.868585 1.508110 0.576 0.565

L48.Water -3.469095 1.897702 -1.828 0.068

L48.Temp 3.092742 1.840565 1.680 0.093

L48.Precip. horaria 0.060553 0.100929 0.600 0.549

L48.Temp. prom aire -0.007912 0.008369 -0.945 0.344

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 7.514957 5.204393 1.444 0.149

L1.Conduct -8.009824 31.640682 -0.253 0.800

L1.Water -20.358219 45.001969 -0.452 0.651

L1.Temp 21.388131 13.843066 1.545 0.122

L1.Precip. horaria -0.355336 0.684149 -0.519 0.603

L1.Temp. prom aire 0.406693 0.071455 5.692 0.000

L2.Conduct 32.538705 150.109567 0.217 0.828

L2.Water 99.837161 195.806097 0.510 0.610

L2.Temp -91.610424 55.252985 -1.658 0.097

L2.Precip. horaria -0.119459 0.690504 -0.173 0.863

L2.Temp. prom aire 0.051141 0.078059 0.655 0.512

L3.Conduct -21.573093 346.548762 -0.062 0.950

L3.Water -255.796591 406.529530 -0.629 0.529

L3.Temp 162.252139 104.436189 1.554 0.120

L3.Precip. horaria -0.039742 0.694699 -0.057 0.954

L3.Temp. prom aire 0.004351 0.078229 0.056 0.956

L4.Conduct -130.523871 545.662755 -0.239 0.811

L4.Water 489.611797 573.345547 0.854 0.393

L4.Temp -98.835740 134.559926 -0.735 0.463

L4.Precip. horaria 0.465122 0.671867 0.692 0.489

L4.Temp. prom aire 0.005701 0.078626 0.073 0.942

L5.Conduct 419.460002 690.452446 0.608 0.544

L5.Water -746.486293 665.465937 -1.122 0.262

L5.Temp -87.472017 145.651005 -0.601 0.548

L5.Precip. horaria -0.549889 0.687225 -0.800 0.424

L5.Temp. prom aire 0.032414 0.078346 0.414 0.679

L6.Conduct -641.654657 770.451350 -0.833 0.405

L6.Water 861.326081 710.073843 1.213 0.225

L6.Temp 146.190514 157.829074 0.926 0.354

L6.Precip. horaria -0.002751 0.677537 -0.004 0.997

L6.Temp. prom aire -0.124487 0.077938 -1.597 0.110

L7.Conduct 622.945362 800.033113 0.779 0.436

L7.Water -737.557257 731.862451 -1.008 0.314

L7.Temp 22.007821 189.819532 0.116 0.908

L7.Precip. horaria -0.014447 0.681500 -0.021 0.983

L7.Temp. prom aire 0.196094 0.078281 2.505 0.012

L8.Conduct -467.790199 793.689727 -0.589 0.556

L8.Water 500.340511 736.094115 0.680 0.497

L8.Temp -161.026693 238.644772 -0.675 0.500

L8.Precip. horaria 0.020864 0.666798 0.031 0.975

L8.Temp. prom aire -0.116980 0.079485 -1.472 0.141

L9.Conduct 322.722740 795.805194 0.406 0.685

L9.Water -261.022167 766.291386 -0.341 0.733

L9.Temp 71.448445 288.275021 0.248 0.804

L9.Precip. horaria -0.501444 0.654142 -0.767 0.443

L9.Temp. prom aire -0.035912 0.080001 -0.449 0.654

L10.Conduct -72.167218 890.773336 -0.081 0.935

L10.Water -49.794725 883.160282 -0.056 0.955

L10.Temp 92.282628 326.317531 0.283 0.777

L10.Precip. horaria 0.614526 0.671841 0.915 0.360

L10.Temp. prom aire -0.080148 0.080544 -0.995 0.320

L11.Conduct -433.120960 1053.512322 -0.411 0.681

L11.Water 499.355609 1017.797778 0.491 0.624

L11.Temp -93.787106 345.470749 -0.271 0.786

L11.Precip. horaria 1.114246 0.674011 1.653 0.098

L11.Temp. prom aire -0.008368 0.080991 -0.103 0.918

L12.Conduct 1051.180676 1196.307388 0.879 0.380

L12.Water -990.231547 1104.847492 -0.896 0.370

L12.Temp -57.393474 349.772123 -0.164 0.870

L12.Precip. horaria -0.088891 0.653937 -0.136 0.892

L12.Temp. prom aire -0.066876 0.081017 -0.825 0.409

L13.Conduct -1447.237191 1282.613048 -1.128 0.259

L13.Water 1302.132083 1147.881948 1.134 0.257

L13.Temp 138.683878 355.897361 0.390 0.697

L13.Precip. horaria -0.547629 0.645702 -0.848 0.396

L13.Temp. prom aire 0.009514 0.081181 0.117 0.907

L14.Conduct 1481.958744 1315.955189 1.126 0.260

L14.Water -1336.399471 1161.662522 -1.150 0.250

L14.Temp -1.106164 380.060580 -0.003 0.998

L14.Precip. horaria 0.023559 0.639878 0.037 0.971

L14.Temp. prom aire 0.116157 0.079324 1.464 0.143

L15.Conduct -1333.502426 1307.550840 -1.020 0.308

L15.Water 1219.464593 1149.310299 1.061 0.289

L15.Temp -225.536555 418.336348 -0.539 0.590

L15.Precip. horaria 0.159742 0.637015 0.251 0.802

L15.Temp. prom aire -0.047870 0.079781 -0.600 0.548

L16.Conduct 1167.485946 1271.372329 0.918 0.358

L16.Water -1081.892049 1120.664540 -0.965 0.334

L16.Temp 279.586131 451.213464 0.620 0.536

L16.Precip. horaria -1.163362 0.631520 -1.842 0.065

L16.Temp. prom aire -0.075917 0.076790 -0.989 0.323

L17.Conduct -943.743522 1260.398560 -0.749 0.454

L17.Water 891.686597 1127.231820 0.791 0.429

L17.Temp -107.577378 472.324404 -0.228 0.820

L17.Precip. horaria 0.466279 0.632923 0.737 0.461

L17.Temp. prom aire 0.145789 0.076177 1.914 0.056

L18.Conduct 568.399557 1312.317702 0.433 0.665

L18.Water -481.972395 1169.136453 -0.412 0.680

L18.Temp -25.297641 489.020870 -0.052 0.959

L18.Precip. horaria 0.278823 0.633106 0.440 0.660

L18.Temp. prom aire -0.042351 0.076352 -0.555 0.579

L19.Conduct -92.464089 1406.935069 -0.066 0.948

L19.Water -152.204168 1222.524444 -0.124 0.901

L19.Temp -117.601334 500.836181 -0.235 0.814

L19.Precip. horaria 0.071588 0.635936 0.113 0.910

L19.Temp. prom aire -0.069621 0.075935 -0.917 0.359

L20.Conduct -284.593806 1499.459497 -0.190 0.849

L20.Water 694.083735 1274.755838 0.544 0.586

L20.Temp 311.515739 503.041761 0.619 0.536

L20.Precip. horaria -0.783494 0.633248 -1.237 0.216

L20.Temp. prom aire -0.021679 0.075753 -0.286 0.775

L21.Conduct 487.159852 1548.416069 0.315 0.753

L21.Water -942.915932 1295.062843 -0.728 0.467

L21.Temp -147.431933 501.768910 -0.294 0.769

L21.Precip. horaria 0.545428 0.636462 0.857 0.391

L21.Temp. prom aire 0.162378 0.075985 2.137 0.033

L22.Conduct -665.953964 1546.100772 -0.431 0.667

L22.Water 1042.109984 1282.617386 0.812 0.417

L22.Temp -263.883474 508.985762 -0.518 0.604

L22.Precip. horaria -0.144800 0.648664 -0.223 0.823

L22.Temp. prom aire -0.016956 0.076216 -0.222 0.824

L23.Conduct 969.767051 1485.517892 0.653 0.514

L23.Water -1171.144875 1236.810160 -0.947 0.344

L23.Temp 411.201129 520.226216 0.790 0.429

L23.Precip. horaria 0.613244 0.662160 0.926 0.354

L23.Temp. prom aire -0.023316 0.076771 -0.304 0.761

L24.Conduct -1344.585816 1375.058364 -0.978 0.328

L24.Water 1290.934223 1162.983569 1.110 0.267

L24.Temp -122.170813 528.606640 -0.231 0.817

L24.Precip. horaria -0.112031 0.631596 -0.177 0.859

L24.Temp. prom aire -0.114396 0.077478 -1.476 0.140

L25.Conduct 1526.017234 1278.845470 1.193 0.233

L25.Water -1176.306460 1082.761761 -1.086 0.277

L25.Temp -259.642483 545.562426 -0.476 0.634

L25.Precip. horaria -0.274392 0.634181 -0.433 0.665

L25.Temp. prom aire 0.068686 0.078588 0.874 0.382

L26.Conduct -1322.869862 1275.940110 -1.037 0.300

L26.Water 742.466524 1066.341790 0.696 0.486

L26.Temp 357.669303 568.536577 0.629 0.529

L26.Precip. horaria -0.003787 0.639538 -0.006 0.995

L26.Temp. prom aire -0.007566 0.081568 -0.093 0.926

L27.Conduct 846.105950 1338.016965 0.632 0.527

L27.Water -194.493476 1108.258777 -0.175 0.861

L27.Temp -235.649322 568.579613 -0.414 0.679

L27.Precip. horaria -0.791718 0.631061 -1.255 0.210

L27.Temp. prom aire 0.069682 0.081591 0.854 0.393

L28.Conduct -309.974355 1381.216155 -0.224 0.822

L28.Water -241.077843 1128.001282 -0.214 0.831

L28.Temp 254.127677 543.111969 0.468 0.640

L28.Precip. horaria -1.253014 0.635417 -1.972 0.049

L28.Temp. prom aire -0.162483 0.080571 -2.017 0.044

L29.Conduct -171.982948 1382.469867 -0.124 0.901

L29.Water 479.646662 1111.407153 0.432 0.666

L29.Temp -496.713226 521.173205 -0.953 0.341

L29.Precip. horaria 0.024594 0.625726 0.039 0.969

L29.Temp. prom aire -0.047482 0.080445 -0.590 0.555

L30.Conduct 588.613506 1342.436915 0.438 0.661

L30.Water -588.341263 1071.129249 -0.549 0.583

L30.Temp 648.168849 512.977332 1.264 0.206

L30.Precip. horaria -0.292020 0.630570 -0.463 0.643

L30.Temp. prom aire 0.049863 0.082181 0.607 0.544

L31.Conduct -949.238462 1251.923026 -0.758 0.448

L31.Water 676.667711 1009.258959 0.670 0.503

L31.Temp -446.510997 504.706859 -0.885 0.376

L31.Precip. horaria -1.128342 0.621938 -1.814 0.070

L31.Temp. prom aire 0.028920 0.083175 0.348 0.728

L32.Conduct 1165.920156 1117.423231 1.043 0.297

L32.Water -675.046464 914.129917 -0.738 0.460

L32.Temp 75.292331 495.540972 0.152 0.879

L32.Precip. horaria 0.140127 0.636829 0.220 0.826

L32.Temp. prom aire -0.110693 0.081841 -1.353 0.176

L33.Conduct -1161.852459 995.870507 -1.167 0.243

L33.Water 502.160029 819.634254 0.613 0.540

L33.Temp 47.135854 496.858660 0.095 0.924

L33.Precip. horaria -0.288352 0.648684 -0.445 0.657

L33.Temp. prom aire 0.233297 0.082060 2.843 0.004

L34.Conduct 1017.048475 950.799239 1.070 0.285

L34.Water -277.202254 786.056624 -0.353 0.724

L34.Temp 119.056664 497.671081 0.239 0.811

L34.Precip. horaria -0.103393 0.645021 -0.160 0.873

L34.Temp. prom aire -0.079897 0.083735 -0.954 0.340

L35.Conduct -858.943448 953.820462 -0.901 0.368

L35.Water 119.993219 786.393771 0.153 0.879

L35.Temp -198.692123 487.302643 -0.408 0.683

L35.Precip. horaria -0.522417 0.656967 -0.795 0.427

L35.Temp. prom aire -0.109407 0.084254 -1.299 0.194

L36.Conduct 757.672525 943.204390 0.803 0.422

L36.Water -35.377323 774.269203 -0.046 0.964

L36.Temp 18.167632 473.763035 0.038 0.969

L36.Precip. horaria 0.167945 0.662246 0.254 0.800

L36.Temp. prom aire 0.171722 0.084621 2.029 0.042

L37.Conduct -702.200662 897.705029 -0.782 0.434

L37.Water -27.489485 748.092545 -0.037 0.971

L37.Temp 187.013903 457.623146 0.409 0.683

L37.Precip. horaria -0.470011 0.670455 -0.701 0.483

L37.Temp. prom aire -0.047769 0.085463 -0.559 0.576

L38.Conduct 618.734963 794.158492 0.779 0.436

L38.Water 112.463588 698.652876 0.161 0.872

L38.Temp -208.534734 424.973066 -0.491 0.624

L38.Precip. horaria -0.127950 0.711740 -0.180 0.857

L38.Temp. prom aire -0.057840 0.084206 -0.687 0.492

L39.Conduct -468.797924 608.413073 -0.771 0.441

L39.Water -182.388659 591.914075 -0.308 0.758

L39.Temp 153.004506 367.541867 0.416 0.677

L39.Precip. horaria -0.609444 0.741733 -0.822 0.411

L39.Temp. prom aire -0.036961 0.084895 -0.435 0.663

L40.Conduct 287.642875 373.603769 0.770 0.441

L40.Water 178.985343 450.501374 0.397 0.691

L40.Temp -198.021585 311.631070 -0.635 0.525

L40.Precip. horaria 1.029955 0.725951 1.419 0.156

L40.Temp. prom aire 0.035326 0.083505 0.423 0.672

L41.Conduct -153.524989 183.648755 -0.836 0.403

L41.Water -95.276996 356.150254 -0.268 0.789

L41.Temp 290.805620 290.772778 1.000 0.317

L41.Precip. horaria -1.439227 0.764206 -1.883 0.060

L41.Temp. prom aire 0.073571 0.085389 0.862 0.389

L42.Conduct 101.187092 113.910596 0.888 0.374

L42.Water -10.653729 322.273433 -0.033 0.974

L42.Temp -263.355790 290.799312 -0.906 0.365

L42.Precip. horaria 0.116379 0.799997 0.145 0.884

L42.Temp. prom aire -0.081456 0.083769 -0.972 0.331

L43.Conduct -80.147193 109.135121 -0.734 0.463

L43.Water 56.604609 305.926338 0.185 0.853

L43.Temp 90.322478 290.440188 0.311 0.756

L43.Precip. horaria -1.916973 0.851259 -2.252 0.024

L43.Temp. prom aire 0.052621 0.084333 0.624 0.533

L44.Conduct 55.104943 107.035852 0.515 0.607

L44.Water -61.175283 286.353905 -0.214 0.831

L44.Temp 94.753478 278.637171 0.340 0.734

L44.Precip. horaria -0.829720 0.890782 -0.931 0.352

L44.Temp. prom aire 0.058251 0.085096 0.685 0.494

L45.Conduct -28.819271 98.405187 -0.293 0.770

L45.Water 86.538883 245.542326 0.352 0.725

L45.Temp -172.324319 240.442161 -0.717 0.474

L45.Precip. horaria 0.843739 0.905290 0.932 0.351

L45.Temp. prom aire 0.037255 0.085139 0.438 0.662

L46.Conduct 2.845669 83.829490 0.034 0.973

L46.Water -98.601619 170.594094 -0.578 0.563

L46.Temp 142.388907 166.583919 0.855 0.393

L46.Precip. horaria -1.062745 0.972716 -1.093 0.275

L46.Temp. prom aire -0.081565 0.085799 -0.951 0.342

L47.Conduct 8.577249 51.747963 0.166 0.868

L47.Water 59.042833 80.178158 0.736 0.461

L47.Temp -69.726557 77.866904 -0.895 0.371

L47.Precip. horaria 0.804805 0.946489 0.850 0.395

L47.Temp. prom aire -0.071153 0.086632 -0.821 0.411

L48.Conduct -3.928464 14.332105 -0.274 0.784

L48.Water -14.241604 18.034540 -0.790 0.430

L48.Temp 15.679915 17.491547 0.896 0.370

L48.Precip. horaria 1.279359 0.959163 1.334 0.182

L48.Temp. prom aire -0.021433 0.079532 -0.269 0.788

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.842573 0.230130 0.042322 0.004870

Water 0.842573 1.000000 0.281824 -0.097176 -0.005085

Temp 0.230130 0.281824 1.000000 -0.026293 -0.146090

Precip. horaria 0.042322 -0.097176 -0.026293 1.000000 0.088981

Temp. prom aire 0.004870 -0.005085 -0.146090 0.088981 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -18.3393

Nobs: 440.000 HQIC: -25.1162

Log likelihood: 4580.27 FPE: 2.93321e-13

AIC: -29.5315 Det(Omega\_mle): 3.30272e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.054825 0.182061 0.301 0.763

L1.Conduct 4.065725 0.159000 25.571 0.000

L1.Water 0.089966 1.383619 0.065 0.948

L1.Temp 0.687897 0.770447 0.893 0.372

L1.Precip. horaria 0.011356 0.018335 0.619 0.536

L1.Temp. prom aire -0.002004 0.001944 -1.031 0.303

L2.Conduct -6.923358 0.693253 -9.987 0.000

L2.Water -1.982820 6.037292 -0.328 0.743

L2.Temp -3.628486 3.511255 -1.033 0.301

L2.Precip. horaria -0.023768 0.018127 -1.311 0.190

L2.Temp. prom aire -0.002402 0.002131 -1.127 0.260

L3.Conduct 6.747517 1.400332 4.819 0.000

L3.Water 6.117165 12.179427 0.502 0.615

L3.Temp 8.091193 7.700179 1.051 0.293

L3.Precip. horaria 0.016068 0.018033 0.891 0.373

L3.Temp. prom aire -0.001160 0.002108 -0.550 0.582

L4.Conduct -4.614613 1.870701 -2.467 0.014

L4.Water -8.304313 16.202663 -0.513 0.608

L4.Temp -10.268776 11.372844 -0.903 0.367

L4.Precip. horaria -0.012878 0.018924 -0.681 0.496

L4.Temp. prom aire 0.002316 0.002132 1.086 0.277

L5.Conduct 2.495893 2.065384 1.208 0.227

L5.Water 9.364311 17.929238 0.522 0.601

L5.Temp 8.200848 13.434093 0.610 0.542

L5.Precip. horaria 0.019574 0.019128 1.023 0.306

L5.Temp. prom aire -0.002328 0.002153 -1.081 0.280

L6.Conduct -0.624399 2.224192 -0.281 0.779

L6.Water -15.266531 19.516215 -0.782 0.434

L6.Temp -2.809235 14.221418 -0.198 0.843

L6.Precip. horaria 0.020627 0.019102 1.080 0.280

L6.Temp. prom aire 0.001906 0.002119 0.900 0.368

L7.Conduct -2.115235 2.502231 -0.845 0.398

L7.Water 22.701056 22.295868 1.018 0.309

L7.Temp -0.700019 14.380913 -0.049 0.961

L7.Precip. horaria 0.033112 0.019187 1.726 0.084

L7.Temp. prom aire -0.002338 0.002128 -1.099 0.272

L8.Conduct 5.645596 2.916028 1.936 0.053

L8.Water -17.138946 26.550353 -0.646 0.519

L8.Temp -5.422334 14.466693 -0.375 0.708

L8.Precip. horaria -0.020144 0.019603 -1.028 0.304

L8.Temp. prom aire -0.000403 0.002121 -0.190 0.849

L9.Conduct -6.032041 3.457031 -1.745 0.081

L9.Water -14.511218 32.066012 -0.453 0.651

L9.Temp 17.997811 15.717539 1.145 0.252

L9.Precip. horaria 0.017997 0.019646 0.916 0.360

L9.Temp. prom aire -0.002787 0.002120 -1.314 0.189

L10.Conduct 1.749655 3.983146 0.439 0.660

L10.Water 60.014367 37.422895 1.604 0.109

L10.Temp -24.842799 19.139212 -1.298 0.194

L10.Precip. horaria 0.003670 0.020052 0.183 0.855

L10.Temp. prom aire 0.001661 0.002175 0.764 0.445

L11.Conduct 2.900933 4.249518 0.683 0.495

L11.Water -85.739131 40.408267 -2.122 0.034

L11.Temp 22.131856 23.042853 0.960 0.337

L11.Precip. horaria 0.018746 0.020467 0.916 0.360

L11.Temp. prom aire -0.000576 0.002184 -0.264 0.792

L12.Conduct -4.556658 4.336490 -1.051 0.293

L12.Water 82.329148 41.798555 1.970 0.049

L12.Temp -16.291232 25.398459 -0.641 0.521

L12.Precip. horaria 0.000265 0.020592 0.013 0.990

L12.Temp. prom aire 0.000745 0.002156 0.346 0.730

L13.Conduct 3.019709 4.438799 0.680 0.496

L13.Water -68.357362 43.253379 -1.580 0.114

L13.Temp 14.149965 26.167373 0.541 0.589

L13.Precip. horaria 0.030808 0.019940 1.545 0.122

L13.Temp. prom aire 0.000731 0.002151 0.340 0.734

L14.Conduct -1.108966 4.589457 -0.242 0.809

L14.Water 53.267538 45.108053 1.181 0.238

L14.Temp -10.766362 26.165416 -0.411 0.681

L14.Precip. horaria -0.012602 0.020774 -0.607 0.544

L14.Temp. prom aire -0.000797 0.002130 -0.374 0.708

L15.Conduct 1.911305 4.807900 0.398 0.691

L15.Water -30.064475 47.545021 -0.632 0.527

L15.Temp -5.598283 25.748167 -0.217 0.828

L15.Precip. horaria 0.028973 0.020791 1.394 0.163

L15.Temp. prom aire 0.000651 0.002167 0.300 0.764

L16.Conduct -2.587721 5.098850 -0.508 0.612

L16.Water -11.405721 50.586845 -0.225 0.822

L16.Temp 29.398618 25.282769 1.163 0.245

L16.Precip. horaria 0.040536 0.020794 1.949 0.051

L16.Temp. prom aire 0.002370 0.002148 1.103 0.270

L17.Conduct 0.075216 5.356185 0.014 0.989

L17.Water 59.977770 53.326335 1.125 0.261

L17.Temp -42.621034 25.881131 -1.647 0.100

L17.Precip. horaria -0.016916 0.020532 -0.824 0.410

L17.Temp. prom aire 0.000422 0.002127 0.198 0.843

L18.Conduct 3.210417 5.465401 0.587 0.557

L18.Water -85.972930 54.539645 -1.576 0.115

L18.Temp 39.229103 27.958910 1.403 0.161

L18.Precip. horaria -0.005935 0.020484 -0.290 0.772

L18.Temp. prom aire 0.001121 0.002139 0.524 0.600

L19.Conduct -4.542670 5.518735 -0.823 0.410

L19.Water 86.647278 55.083837 1.573 0.116

L19.Temp -27.978923 29.985062 -0.933 0.351

L19.Precip. horaria -0.021074 0.020972 -1.005 0.315

L19.Temp. prom aire 0.001278 0.002150 0.595 0.552

L20.Conduct 3.319867 5.580334 0.595 0.552

L20.Water -81.396634 55.776792 -1.459 0.144

L20.Temp 21.667934 31.077014 0.697 0.486

L20.Precip. horaria -0.016843 0.021194 -0.795 0.427

L20.Temp. prom aire 0.000930 0.002142 0.434 0.664

L21.Conduct -1.622217 5.581499 -0.291 0.771

L21.Water 72.149447 56.162087 1.285 0.199

L21.Temp -22.299260 31.505894 -0.708 0.479

L21.Precip. horaria -0.003577 0.021075 -0.170 0.865

L21.Temp. prom aire -0.000813 0.002103 -0.386 0.699

L22.Conduct 1.769147 5.568171 0.318 0.751

L22.Water -48.101964 56.534207 -0.851 0.395

L22.Temp 16.986499 31.214869 0.544 0.586

L22.Precip. horaria 0.009276 0.020966 0.442 0.658

L22.Temp. prom aire 0.001293 0.002156 0.600 0.549

L23.Conduct -2.054441 5.608093 -0.366 0.714

L23.Water 6.820898 57.051898 0.120 0.905

L23.Temp 2.631478 29.987693 0.088 0.930

L23.Precip. horaria 0.027160 0.021147 1.284 0.199

L23.Temp. prom aire 0.001149 0.002220 0.518 0.605

L24.Conduct 0.423091 5.567155 0.076 0.939

L24.Water 36.684623 56.476266 0.650 0.516

L24.Temp -27.035664 28.506525 -0.948 0.343

L24.Precip. horaria 0.007343 0.020931 0.351 0.726

L24.Temp. prom aire -0.000837 0.002215 -0.378 0.706

L25.Conduct 2.854266 5.319128 0.537 0.592

L25.Water -62.224752 53.766547 -1.157 0.247

L25.Temp 39.904583 28.330353 1.409 0.159

L25.Precip. horaria -0.003687 0.021091 -0.175 0.861

L25.Temp. prom aire -0.000438 0.002292 -0.191 0.848

L26.Conduct -6.079413 5.051068 -1.204 0.229

L26.Water 68.347615 50.858549 1.344 0.179

L26.Temp -37.476652 29.348193 -1.277 0.202

L26.Precip. horaria 0.001704 0.020385 0.084 0.933

L26.Temp. prom aire 0.003080 0.002357 1.307 0.191

L27.Conduct 6.451619 4.974994 1.297 0.195

L27.Water -64.426643 49.799227 -1.294 0.196

L27.Temp 33.174958 30.216074 1.098 0.272

L27.Precip. horaria 0.004417 0.020553 0.215 0.830

L27.Temp. prom aire -0.003497 0.002333 -1.499 0.134

L28.Conduct -4.077037 5.036247 -0.810 0.418

L28.Water 51.937102 50.053106 1.038 0.299

L28.Temp -36.955836 30.666232 -1.205 0.228

L28.Precip. horaria -0.006731 0.020592 -0.327 0.744

L28.Temp. prom aire 0.005507 0.002300 2.395 0.017

L29.Conduct 1.745418 5.124128 0.341 0.733

L29.Water -27.837890 50.673037 -0.549 0.583

L29.Temp 39.735012 30.590735 1.299 0.194

L29.Precip. horaria -0.010076 0.019822 -0.508 0.611

L29.Temp. prom aire -0.002726 0.002310 -1.180 0.238

L30.Conduct -0.208504 5.179244 -0.040 0.968

L30.Water -6.596031 50.812372 -0.130 0.897

L30.Temp -29.518935 29.616782 -0.997 0.319

L30.Precip. horaria 0.026167 0.019840 1.319 0.187

L30.Temp. prom aire -0.000551 0.002328 -0.237 0.813

L31.Conduct -1.457655 5.022108 -0.290 0.772

L31.Water 39.194101 48.811167 0.803 0.422

L31.Temp 10.342322 27.716392 0.373 0.709

L31.Precip. horaria 0.033426 0.019503 1.714 0.087

L31.Temp. prom aire -0.000916 0.002303 -0.398 0.691

L32.Conduct 3.979738 4.505434 0.883 0.377

L32.Water -55.721783 43.568630 -1.279 0.201

L32.Temp 2.282800 25.800879 0.088 0.929

L32.Precip. horaria 0.007395 0.018934 0.391 0.696

L32.Temp. prom aire 0.002058 0.002279 0.903 0.367

L33.Conduct -6.228443 3.802361 -1.638 0.101

L33.Water 56.145852 36.932739 1.520 0.128

L33.Temp -0.217197 24.801964 -0.009 0.993

L33.Precip. horaria -0.026703 0.018900 -1.413 0.158

L33.Temp. prom aire -0.000176 0.002284 -0.077 0.939

L34.Conduct 5.723798 3.345134 1.711 0.087

L34.Water -47.071124 32.674298 -1.441 0.150

L34.Temp -6.575492 24.308742 -0.270 0.787

L34.Precip. horaria -0.036504 0.019297 -1.892 0.059

L34.Temp. prom aire 0.000691 0.002249 0.307 0.759

L35.Conduct -2.531789 3.266083 -0.775 0.438

L35.Water 29.181743 31.600556 0.923 0.356

L35.Temp 3.224345 23.934664 0.135 0.893

L35.Precip. horaria -0.014554 0.019827 -0.734 0.463

L35.Temp. prom aire -0.000188 0.002258 -0.083 0.934

L36.Conduct -0.860739 3.296074 -0.261 0.794

L36.Water -4.373231 31.628604 -0.138 0.890

L36.Temp 10.040635 23.458136 0.428 0.669

L36.Precip. horaria 0.013111 0.019763 0.663 0.507

L36.Temp. prom aire 0.001797 0.002302 0.780 0.435

L37.Conduct 2.375722 3.263113 0.728 0.467

L37.Water -17.154704 31.198528 -0.550 0.582

L37.Temp -19.643571 22.416770 -0.876 0.381

L37.Precip. horaria -0.022143 0.019697 -1.124 0.261

L37.Temp. prom aire -0.000612 0.002302 -0.266 0.790

L38.Conduct -1.958257 2.986767 -0.656 0.512

L38.Water 26.421574 28.612133 0.923 0.356

L38.Temp 17.339354 20.385618 0.851 0.395

L38.Precip. horaria 0.013961 0.019999 0.698 0.485

L38.Temp. prom aire 0.003109 0.002310 1.346 0.178

L39.Conduct 1.356289 2.323729 0.584 0.559

L39.Water -23.829312 22.680338 -1.051 0.293

L39.Temp -9.999459 17.409509 -0.574 0.566

L39.Precip. horaria -0.014448 0.020464 -0.706 0.480

L39.Temp. prom aire -0.001519 0.002319 -0.655 0.513

L40.Conduct -1.149340 1.401807 -0.820 0.412

L40.Water 14.751852 14.976272 0.985 0.325

L40.Temp 8.119363 14.958307 0.543 0.587

L40.Precip. horaria -0.009427 0.019992 -0.472 0.637

L40.Temp. prom aire -0.000055 0.002294 -0.024 0.981

L41.Conduct 0.576921 0.623010 0.926 0.354

L41.Water -5.827309 9.757985 -0.597 0.550

L41.Temp -9.929498 14.155077 -0.701 0.483

L41.Precip. horaria 0.005609 0.020584 0.273 0.785

L41.Temp. prom aire -0.000560 0.002302 -0.243 0.808

L42.Conduct 0.149476 0.396569 0.377 0.706

L42.Water 1.349184 8.562668 0.158 0.875

L42.Temp 5.680747 14.065621 0.404 0.686

L42.Precip. horaria 0.031089 0.020224 1.537 0.124

L42.Temp. prom aire 0.002263 0.002245 1.008 0.314

L43.Conduct -0.466506 0.402606 -1.159 0.247

L43.Water 1.194481 8.390953 0.142 0.887

L43.Temp 5.930191 13.864064 0.428 0.669

L43.Precip. horaria 0.002809 0.024106 0.117 0.907

L43.Temp. prom aire 0.000951 0.002230 0.426 0.670

L44.Conduct 0.353169 0.371370 0.951 0.342

L44.Water -5.540278 8.019729 -0.691 0.490

L44.Temp -15.140051 13.118472 -1.154 0.248

L44.Precip. horaria -0.024932 0.024342 -1.024 0.306

L44.Temp. prom aire 0.001225 0.002229 0.550 0.583

L45.Conduct -0.127723 0.320498 -0.399 0.690

L45.Water 9.893095 7.045522 1.404 0.160

L45.Temp 14.191158 11.177722 1.270 0.204

L45.Precip. horaria -0.000053 0.024498 -0.002 0.998

L45.Temp. prom aire -0.001284 0.002204 -0.582 0.560

L46.Conduct 0.151273 0.269778 0.561 0.575

L46.Water -9.988082 5.069046 -1.970 0.049

L46.Temp -6.904214 7.602922 -0.908 0.364

L46.Precip. horaria 0.023913 0.027116 0.882 0.378

L46.Temp. prom aire 0.002569 0.002195 1.171 0.242

L47.Conduct -0.213190 0.176807 -1.206 0.228

L47.Water 5.585832 2.485329 2.248 0.025

L47.Temp 1.556742 3.451096 0.451 0.652

L47.Precip. horaria 0.010580 0.027332 0.387 0.699

L47.Temp. prom aire -0.000926 0.002201 -0.421 0.674

L48.Conduct 0.088144 0.051936 1.697 0.090

L48.Water -1.329092 0.579797 -2.292 0.022

L48.Temp -0.080729 0.747817 -0.108 0.914

L48.Precip. horaria 0.034020 0.026509 1.283 0.199

L48.Temp. prom aire -0.000813 0.002031 -0.400 0.689

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.025340 0.020988 1.207 0.227

L1.Conduct -0.022354 0.018330 -1.220 0.223

L1.Water 4.257131 0.159507 26.689 0.000

L1.Temp 0.088371 0.088819 0.995 0.320

L1.Precip. horaria 0.002558 0.002114 1.210 0.226

L1.Temp. prom aire -0.000125 0.000224 -0.559 0.576

L2.Conduct 0.087476 0.079920 1.095 0.274

L2.Water -7.820194 0.695994 -11.236 0.000

L2.Temp -0.399968 0.404786 -0.988 0.323

L2.Precip. horaria -0.003580 0.002090 -1.713 0.087

L2.Temp. prom aire -0.000373 0.000246 -1.518 0.129

L3.Conduct -0.106419 0.161434 -0.659 0.510

L3.Water 8.091402 1.404074 5.763 0.000

L3.Temp 0.782546 0.887695 0.882 0.378

L3.Precip. horaria -0.001104 0.002079 -0.531 0.595

L3.Temp. prom aire -0.000107 0.000243 -0.439 0.661

L4.Conduct -0.023538 0.215659 -0.109 0.913

L4.Water -4.881182 1.867883 -2.613 0.009

L4.Temp -0.914214 1.311089 -0.697 0.486

L4.Precip. horaria -0.001531 0.002182 -0.702 0.483

L4.Temp. prom aire 0.000189 0.000246 0.770 0.441

L5.Conduct 0.195624 0.238102 0.822 0.411

L5.Water 1.390571 2.066927 0.673 0.501

L5.Temp 0.714851 1.548715 0.462 0.644

L5.Precip. horaria 0.003452 0.002205 1.565 0.117

L5.Temp. prom aire -0.000324 0.000248 -1.307 0.191

L6.Conduct -0.247580 0.256410 -0.966 0.334

L6.Water 0.113310 2.249877 0.050 0.960

L6.Temp -0.313556 1.639480 -0.191 0.848

L6.Precip. horaria 0.001616 0.002202 0.734 0.463

L6.Temp. prom aire 0.000227 0.000244 0.928 0.353

L7.Conduct 0.220947 0.288463 0.766 0.444

L7.Water -1.764042 2.570322 -0.686 0.493

L7.Temp 0.227995 1.657867 0.138 0.891

L7.Precip. horaria 0.002412 0.002212 1.090 0.276

L7.Temp. prom aire -0.000092 0.000245 -0.374 0.708

L8.Conduct -0.318217 0.336167 -0.947 0.344

L8.Water 6.902295 3.060790 2.255 0.024

L8.Temp -1.020879 1.667756 -0.612 0.540

L8.Precip. horaria -0.003613 0.002260 -1.599 0.110

L8.Temp. prom aire -0.000042 0.000244 -0.173 0.862

L9.Conduct 0.663525 0.398535 1.665 0.096

L9.Water -13.861859 3.696648 -3.750 0.000

L9.Temp 2.175652 1.811956 1.201 0.230

L9.Precip. horaria 0.004546 0.002265 2.007 0.045

L9.Temp. prom aire -0.000523 0.000244 -2.141 0.032

L10.Conduct -1.024923 0.459187 -2.232 0.026

L10.Water 17.553009 4.314203 4.069 0.000

L10.Temp -2.603158 2.206415 -1.180 0.238

L10.Precip. horaria 0.002013 0.002312 0.871 0.384

L10.Temp. prom aire 0.000278 0.000251 1.107 0.268

L11.Conduct 1.038750 0.489895 2.120 0.034

L11.Water -15.585384 4.658364 -3.346 0.001

L11.Temp 2.059917 2.656437 0.775 0.438

L11.Precip. horaria 0.001249 0.002359 0.529 0.597

L11.Temp. prom aire 0.000017 0.000252 0.069 0.945

L12.Conduct -0.724706 0.499921 -1.450 0.147

L12.Water 10.878828 4.818640 2.258 0.024

L12.Temp -1.250883 2.927996 -0.427 0.669

L12.Precip. horaria 0.001312 0.002374 0.552 0.581

L12.Temp. prom aire -0.000036 0.000249 -0.144 0.885

L13.Conduct 0.331644 0.511716 0.648 0.517

L13.Water -7.754879 4.986355 -1.555 0.120

L13.Temp 0.932939 3.016639 0.309 0.757

L13.Precip. horaria 0.004305 0.002299 1.873 0.061

L13.Temp. prom aire -0.000009 0.000248 -0.038 0.970

L14.Conduct 0.012937 0.529084 0.024 0.980

L14.Water 4.977630 5.200167 0.957 0.338

L14.Temp -0.539081 3.016413 -0.179 0.858

L14.Precip. horaria -0.002341 0.002395 -0.978 0.328

L14.Temp. prom aire -0.000291 0.000246 -1.185 0.236

L15.Conduct -0.343002 0.554266 -0.619 0.536

L15.Water 1.690813 5.481106 0.308 0.758

L15.Temp -1.146818 2.968312 -0.386 0.699

L15.Precip. horaria 0.001228 0.002397 0.512 0.608

L15.Temp. prom aire 0.000030 0.000250 0.118 0.906

L16.Conduct 0.788958 0.587808 1.342 0.180

L16.Water -11.211465 5.831775 -1.922 0.055

L16.Temp 3.421311 2.914659 1.174 0.240

L16.Precip. horaria 0.004406 0.002397 1.838 0.066

L16.Temp. prom aire 0.000340 0.000248 1.372 0.170

L17.Conduct -1.219151 0.617474 -1.974 0.048

L17.Water 17.754980 6.147590 2.888 0.004

L17.Temp -4.321520 2.983640 -1.448 0.148

L17.Precip. horaria 0.001113 0.002367 0.470 0.638

L17.Temp. prom aire -0.000070 0.000245 -0.283 0.777

L18.Conduct 1.314701 0.630065 2.087 0.037

L18.Water -17.784458 6.287464 -2.829 0.005

L18.Temp 3.350690 3.223172 1.040 0.299

L18.Precip. horaria -0.001979 0.002361 -0.838 0.402

L18.Temp. prom aire -0.000063 0.000247 -0.256 0.798

L19.Conduct -1.094447 0.636213 -1.720 0.085

L19.Water 14.572310 6.350200 2.295 0.022

L19.Temp -1.831959 3.456751 -0.530 0.596

L19.Precip. horaria -0.003729 0.002418 -1.542 0.123

L19.Temp. prom aire 0.000061 0.000248 0.246 0.805

L20.Conduct 0.775626 0.643315 1.206 0.228

L20.Water -13.007215 6.430085 -2.023 0.043

L20.Temp 1.224074 3.582634 0.342 0.733

L20.Precip. horaria -0.000973 0.002443 -0.398 0.690

L20.Temp. prom aire 0.000013 0.000247 0.052 0.958

L21.Conduct -0.457428 0.643449 -0.711 0.477

L21.Water 11.337094 6.474503 1.751 0.080

L21.Temp -1.374585 3.632077 -0.378 0.705

L21.Precip. horaria 0.001596 0.002430 0.657 0.511

L21.Temp. prom aire 0.000017 0.000242 0.069 0.945

L22.Conduct 0.101633 0.641912 0.158 0.874

L22.Water -5.156807 6.517402 -0.791 0.429

L22.Temp 0.850595 3.598526 0.236 0.813

L22.Precip. horaria 0.000046 0.002417 0.019 0.985

L22.Temp. prom aire -0.000036 0.000249 -0.145 0.884

L23.Conduct 0.363766 0.646515 0.563 0.574

L23.Water -4.278528 6.577082 -0.651 0.515

L23.Temp 0.951350 3.457055 0.275 0.783

L23.Precip. horaria 0.002610 0.002438 1.071 0.284

L23.Temp. prom aire 0.000124 0.000256 0.483 0.629

L24.Conduct -0.833518 0.641795 -1.299 0.194

L24.Water 11.565465 6.510722 1.776 0.076

L24.Temp -2.929334 3.286302 -0.891 0.373

L24.Precip. horaria 0.001997 0.002413 0.827 0.408

L24.Temp. prom aire -0.000210 0.000255 -0.821 0.411

L25.Conduct 1.131172 0.613202 1.845 0.065

L25.Water -13.309143 6.198339 -2.147 0.032

L25.Temp 3.517484 3.265992 1.077 0.281

L25.Precip. horaria -0.000510 0.002431 -0.210 0.834

L25.Temp. prom aire -0.000131 0.000264 -0.494 0.621

L26.Conduct -1.170212 0.582299 -2.010 0.044

L26.Water 11.264905 5.863098 1.921 0.055

L26.Temp -2.628971 3.383332 -0.777 0.437

L26.Precip. horaria -0.000210 0.002350 -0.089 0.929

L26.Temp. prom aire 0.000434 0.000272 1.599 0.110

L27.Conduct 0.926717 0.573530 1.616 0.106

L27.Water -9.228970 5.740977 -1.608 0.108

L27.Temp 1.988045 3.483383 0.571 0.568

L27.Precip. horaria 0.000720 0.002369 0.304 0.761

L27.Temp. prom aire -0.000380 0.000269 -1.413 0.158

L28.Conduct -0.525869 0.580591 -0.906 0.365

L28.Water 7.327736 5.770245 1.270 0.204

L28.Temp -2.715634 3.535278 -0.768 0.442

L28.Precip. horaria 0.000330 0.002374 0.139 0.889

L28.Temp. prom aire 0.000303 0.000265 1.143 0.253

L29.Conduct 0.116298 0.590722 0.197 0.844

L29.Water -3.139352 5.841712 -0.537 0.591

L29.Temp 3.549233 3.526575 1.006 0.314

L29.Precip. horaria 0.000613 0.002285 0.268 0.789

L29.Temp. prom aire -0.000245 0.000266 -0.921 0.357

L30.Conduct 0.262981 0.597076 0.440 0.660

L30.Water -3.089928 5.857775 -0.527 0.598

L30.Temp -2.830601 3.414295 -0.829 0.407

L30.Precip. horaria 0.003320 0.002287 1.452 0.147

L30.Temp. prom aire -0.000119 0.000268 -0.442 0.658

L31.Conduct -0.563477 0.578961 -0.973 0.330

L31.Water 7.908023 5.627071 1.405 0.160

L31.Temp 1.057140 3.195214 0.331 0.741

L31.Precip. horaria 0.002238 0.002248 0.995 0.320

L31.Temp. prom aire -0.000076 0.000265 -0.288 0.773

L32.Conduct 0.758934 0.519397 1.461 0.144

L32.Water -8.702867 5.022698 -1.733 0.083

L32.Temp -0.167047 2.974388 -0.056 0.955

L32.Precip. horaria 0.001303 0.002183 0.597 0.550

L32.Temp. prom aire 0.000345 0.000263 1.311 0.190

L33.Conduct -0.820325 0.438346 -1.871 0.061

L33.Water 6.895817 4.257697 1.620 0.105

L33.Temp 0.880688 2.859231 0.308 0.758

L33.Precip. horaria -0.004743 0.002179 -2.177 0.030

L33.Temp. prom aire -0.000083 0.000263 -0.314 0.753

L34.Conduct 0.689343 0.385635 1.788 0.074

L34.Water -5.494131 3.766773 -1.459 0.145

L34.Temp -1.788621 2.802371 -0.638 0.523

L34.Precip. horaria -0.001268 0.002225 -0.570 0.569

L34.Temp. prom aire -0.000086 0.000259 -0.331 0.741

L35.Conduct -0.390612 0.376522 -1.037 0.300

L35.Water 4.391070 3.642990 1.205 0.228

L35.Temp 1.361022 2.759247 0.493 0.622

L35.Precip. horaria -0.002469 0.002286 -1.080 0.280

L35.Temp. prom aire 0.000259 0.000260 0.995 0.320

L36.Conduct 0.023665 0.379979 0.062 0.950

L36.Water -1.694830 3.646223 -0.465 0.642

L36.Temp 0.066960 2.704311 0.025 0.980

L36.Precip. horaria 0.003591 0.002278 1.576 0.115

L36.Temp. prom aire 0.000201 0.000265 0.756 0.450

L37.Conduct 0.231404 0.376180 0.615 0.538

L37.Water -1.934772 3.596643 -0.538 0.591

L37.Temp -1.011416 2.584260 -0.391 0.696

L37.Precip. horaria -0.006372 0.002271 -2.806 0.005

L37.Temp. prom aire -0.000209 0.000265 -0.787 0.431

L38.Conduct -0.283725 0.344322 -0.824 0.410

L38.Water 4.158281 3.298477 1.261 0.207

L38.Temp 0.862884 2.350104 0.367 0.713

L38.Precip. horaria 0.004609 0.002306 1.999 0.046

L38.Temp. prom aire 0.000227 0.000266 0.852 0.394

L39.Conduct 0.258624 0.267885 0.965 0.334

L39.Water -4.015166 2.614645 -1.536 0.125

L39.Temp -0.559914 2.007011 -0.279 0.780

L39.Precip. horaria -0.002034 0.002359 -0.862 0.389

L39.Temp. prom aire -0.000050 0.000267 -0.188 0.851

L40.Conduct -0.209713 0.161604 -1.298 0.194

L40.Water 2.354707 1.726501 1.364 0.173

L40.Temp 1.067321 1.724430 0.619 0.536

L40.Precip. horaria -0.002588 0.002305 -1.123 0.261

L40.Temp. prom aire -0.000050 0.000264 -0.188 0.851

L41.Conduct 0.107518 0.071822 1.497 0.134

L41.Water -0.901365 1.124924 -0.801 0.423

L41.Temp -1.810029 1.631832 -1.109 0.267

L41.Precip. horaria 0.002854 0.002373 1.203 0.229

L41.Temp. prom aire 0.000024 0.000265 0.089 0.929

L42.Conduct -0.010365 0.045717 -0.227 0.821

L42.Water 0.393948 0.987125 0.399 0.690

L42.Temp 1.564031 1.621519 0.965 0.335

L42.Precip. horaria 0.000152 0.002331 0.065 0.948

L42.Temp. prom aire 0.000217 0.000259 0.839 0.402

L43.Conduct -0.048008 0.046413 -1.034 0.301

L43.Water 0.068108 0.967330 0.070 0.944

L43.Temp -0.277798 1.598283 -0.174 0.862

L43.Precip. horaria 0.000272 0.002779 0.098 0.922

L43.Temp. prom aire 0.000048 0.000257 0.189 0.850

L44.Conduct 0.062803 0.042812 1.467 0.142

L44.Water -0.969496 0.924534 -1.049 0.294

L44.Temp -0.842457 1.512330 -0.557 0.577

L44.Precip. horaria -0.004648 0.002806 -1.657 0.098

L44.Temp. prom aire 0.000158 0.000257 0.616 0.538

L45.Conduct -0.040904 0.036948 -1.107 0.268

L45.Water 1.639520 0.812225 2.019 0.044

L45.Temp 0.873620 1.288595 0.678 0.498

L45.Precip. horaria -0.000724 0.002824 -0.256 0.798

L45.Temp. prom aire -0.000088 0.000254 -0.347 0.729

L46.Conduct 0.032214 0.031101 1.036 0.300

L46.Water -1.522612 0.584372 -2.606 0.009

L46.Temp -0.295513 0.876483 -0.337 0.736

L46.Precip. horaria 0.005193 0.003126 1.661 0.097

L46.Temp. prom aire 0.000254 0.000253 1.004 0.316

L47.Conduct -0.030164 0.020383 -1.480 0.139

L47.Water 0.807868 0.286515 2.820 0.005

L47.Temp -0.015903 0.397851 -0.040 0.968

L47.Precip. horaria 0.001175 0.003151 0.373 0.709

L47.Temp. prom aire -0.000126 0.000254 -0.498 0.618

L48.Conduct 0.011315 0.005987 1.890 0.059

L48.Water -0.186313 0.066840 -2.787 0.005

L48.Temp 0.020730 0.086210 0.240 0.810

L48.Precip. horaria 0.001090 0.003056 0.357 0.721

L48.Temp. prom aire -0.000204 0.000234 -0.872 0.383

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.042708 0.016706 2.557 0.011

L1.Conduct -0.002993 0.014590 -0.205 0.837

L1.Water -0.094329 0.126959 -0.743 0.457

L1.Temp 4.470690 0.070695 63.239 0.000

L1.Precip. horaria 0.002525 0.001682 1.501 0.133

L1.Temp. prom aire 0.000177 0.000178 0.990 0.322

L2.Conduct 0.001370 0.063612 0.022 0.983

L2.Water 0.415736 0.553972 0.750 0.453

L2.Temp -8.958528 0.322187 -27.805 0.000

L2.Precip. horaria -0.001461 0.001663 -0.878 0.380

L2.Temp. prom aire -0.000114 0.000196 -0.583 0.560

L3.Conduct 0.024605 0.128492 0.191 0.848

L3.Water -0.863139 1.117565 -0.772 0.440

L3.Temp 10.899652 0.706556 15.426 0.000

L3.Precip. horaria -0.002683 0.001655 -1.621 0.105

L3.Temp. prom aire -0.000246 0.000193 -1.269 0.204

L4.Conduct -0.069763 0.171653 -0.406 0.684

L4.Water 1.130278 1.486731 0.760 0.447

L4.Temp -9.174389 1.043554 -8.791 0.000

L4.Precip. horaria 0.001229 0.001736 0.708 0.479

L4.Temp. prom aire -0.000121 0.000196 -0.617 0.537

L5.Conduct 0.104343 0.189516 0.551 0.582

L5.Water -0.971786 1.645159 -0.591 0.555

L5.Temp 5.662452 1.232691 4.594 0.000

L5.Precip. horaria -0.000162 0.001755 -0.092 0.926

L5.Temp. prom aire 0.000198 0.000198 1.003 0.316

L6.Conduct -0.088440 0.204088 -0.433 0.665

L6.Water 0.199746 1.790777 0.112 0.911

L6.Temp -2.303926 1.304935 -1.766 0.077

L6.Precip. horaria 0.001480 0.001753 0.844 0.399

L6.Temp. prom aire -0.000284 0.000194 -1.460 0.144

L7.Conduct -0.019728 0.229601 -0.086 0.932

L7.Water 1.386431 2.045833 0.678 0.498

L7.Temp -1.600245 1.319570 -1.213 0.225

L7.Precip. horaria 0.001611 0.001761 0.915 0.360

L7.Temp. prom aire -0.000161 0.000195 -0.827 0.408

L8.Conduct 0.183234 0.267570 0.685 0.493

L8.Water -3.491719 2.436218 -1.433 0.152

L8.Temp 7.598922 1.327441 5.724 0.000

L8.Precip. horaria 0.000704 0.001799 0.391 0.696

L8.Temp. prom aire -0.000056 0.000195 -0.286 0.775

L9.Conduct -0.290270 0.317212 -0.915 0.360

L9.Water 5.034480 2.942326 1.711 0.087

L9.Temp -13.616247 1.442216 -9.441 0.000

L9.Precip. horaria -0.001479 0.001803 -0.820 0.412

L9.Temp. prom aire 0.000080 0.000195 0.412 0.680

L10.Conduct 0.279238 0.365487 0.764 0.445

L10.Water -5.018660 3.433866 -1.462 0.144

L10.Temp 15.717524 1.756184 8.950 0.000

L10.Precip. horaria 0.001582 0.001840 0.860 0.390

L10.Temp. prom aire -0.000028 0.000200 -0.139 0.890

L11.Conduct -0.171058 0.389929 -0.439 0.661

L11.Water 3.391358 3.707799 0.915 0.360

L11.Temp -12.873629 2.114376 -6.089 0.000

L11.Precip. horaria 0.000068 0.001878 0.036 0.971

L11.Temp. prom aire -0.000260 0.000200 -1.297 0.195

L12.Conduct 0.040399 0.397909 0.102 0.919

L12.Water -0.942968 3.835369 -0.246 0.806

L12.Temp 7.752715 2.330522 3.327 0.001

L12.Precip. horaria 0.000862 0.001889 0.456 0.648

L12.Temp. prom aire 0.000041 0.000198 0.207 0.836

L13.Conduct 0.079722 0.407297 0.196 0.845

L13.Water -1.717663 3.968862 -0.433 0.665

L13.Temp -3.988729 2.401077 -1.661 0.097

L13.Precip. horaria -0.000300 0.001830 -0.164 0.870

L13.Temp. prom aire -0.000211 0.000197 -1.070 0.285

L14.Conduct -0.258713 0.421121 -0.614 0.539

L14.Water 4.703678 4.139043 1.136 0.256

L14.Temp 1.440724 2.400897 0.600 0.548

L14.Precip. horaria 0.001605 0.001906 0.842 0.400

L14.Temp. prom aire -0.000134 0.000195 -0.683 0.494

L15.Conduct 0.458008 0.441165 1.038 0.299

L15.Water -7.346301 4.362656 -1.684 0.092

L15.Temp 3.079192 2.362611 1.303 0.192

L15.Precip. horaria 0.001806 0.001908 0.947 0.344

L15.Temp. prom aire 0.000235 0.000199 1.180 0.238

L16.Conduct -0.476512 0.467862 -1.018 0.308

L16.Water 7.836918 4.641769 1.688 0.091

L16.Temp -9.338358 2.319907 -4.025 0.000

L16.Precip. horaria -0.001597 0.001908 -0.837 0.403

L16.Temp. prom aire 0.000008 0.000197 0.042 0.966

L17.Conduct 0.249930 0.491475 0.509 0.611

L17.Water -5.580647 4.893140 -1.141 0.254

L17.Temp 13.342618 2.374812 5.618 0.000

L17.Precip. horaria 0.001866 0.001884 0.991 0.322

L17.Temp. prom aire -0.000516 0.000195 -2.646 0.008

L18.Conduct 0.081017 0.501497 0.162 0.872

L18.Water 1.805616 5.004471 0.361 0.718

L18.Temp -12.612499 2.565465 -4.916 0.000

L18.Precip. horaria 0.005772 0.001880 3.071 0.002

L18.Temp. prom aire -0.000066 0.000196 -0.338 0.735

L19.Conduct -0.378231 0.506390 -0.747 0.455

L19.Water 2.030587 5.054406 0.402 0.688

L19.Temp 9.167867 2.751382 3.332 0.001

L19.Precip. horaria -0.003185 0.001924 -1.655 0.098

L19.Temp. prom aire 0.000090 0.000197 0.455 0.649

L20.Conduct 0.601617 0.512043 1.175 0.240

L20.Water -5.153772 5.117990 -1.007 0.314

L20.Temp -6.942378 2.851578 -2.435 0.015

L20.Precip. horaria 0.000572 0.001945 0.294 0.769

L20.Temp. prom aire -0.000107 0.000197 -0.546 0.585

L21.Conduct -0.751875 0.512149 -1.468 0.142

L21.Water 7.399647 5.153344 1.436 0.151

L21.Temp 5.799676 2.890931 2.006 0.045

L21.Precip. horaria -0.001081 0.001934 -0.559 0.576

L21.Temp. prom aire 0.000224 0.000193 1.162 0.245

L22.Conduct 0.795210 0.510927 1.556 0.120

L22.Water -8.482561 5.187489 -1.635 0.102

L22.Temp -2.295505 2.864227 -0.801 0.423

L22.Precip. horaria 0.002283 0.001924 1.187 0.235

L22.Temp. prom aire -0.000552 0.000198 -2.787 0.005

L23.Conduct -0.670948 0.514590 -1.304 0.192

L23.Water 7.793042 5.234992 1.489 0.137

L23.Temp -3.854447 2.751623 -1.401 0.161

L23.Precip. horaria 0.000284 0.001940 0.146 0.884

L23.Temp. prom aire -0.000065 0.000204 -0.321 0.748

L24.Conduct 0.359082 0.510833 0.703 0.482

L24.Water -5.175654 5.182173 -0.999 0.318

L24.Temp 9.060045 2.615714 3.464 0.001

L24.Precip. horaria -0.000390 0.001921 -0.203 0.839

L24.Temp. prom aire 0.000445 0.000203 2.189 0.029

L25.Conduct 0.073720 0.488075 0.151 0.880

L25.Water 1.286844 4.933533 0.261 0.794

L25.Temp -10.087383 2.599548 -3.880 0.000

L25.Precip. horaria 0.002163 0.001935 1.118 0.264

L25.Temp. prom aire -0.000185 0.000210 -0.878 0.380

L26.Conduct -0.508443 0.463478 -1.097 0.273

L26.Water 2.789891 4.666700 0.598 0.550

L26.Temp 7.715708 2.692944 2.865 0.004

L26.Precip. horaria 0.000938 0.001870 0.501 0.616

L26.Temp. prom aire -0.000385 0.000216 -1.781 0.075

L27.Conduct 0.832255 0.456498 1.823 0.068

L27.Water -6.050926 4.569498 -1.324 0.185

L27.Temp -5.658720 2.772579 -2.041 0.041

L27.Precip. horaria 0.001513 0.001886 0.802 0.422

L27.Temp. prom aire 0.000036 0.000214 0.168 0.867

L28.Conduct -0.960738 0.462118 -2.079 0.038

L28.Water 7.818790 4.592794 1.702 0.089

L28.Temp 4.914419 2.813885 1.746 0.081

L28.Precip. horaria 0.000189 0.001890 0.100 0.920

L28.Temp. prom aire -0.000060 0.000211 -0.283 0.778

L29.Conduct 0.855253 0.470182 1.819 0.069

L29.Water -7.665951 4.649678 -1.649 0.099

L29.Temp -3.139549 2.806957 -1.118 0.263

L29.Precip. horaria 0.000788 0.001819 0.433 0.665

L29.Temp. prom aire 0.000249 0.000212 1.174 0.240

L30.Conduct -0.547637 0.475239 -1.152 0.249

L30.Water 5.736005 4.662463 1.230 0.219

L30.Temp -0.531125 2.717589 -0.195 0.845

L30.Precip. horaria 0.000031 0.001821 0.017 0.986

L30.Temp. prom aire -0.000070 0.000214 -0.330 0.742

L31.Conduct 0.171696 0.460821 0.373 0.709

L31.Water -3.123264 4.478835 -0.697 0.486

L31.Temp 3.955626 2.543212 1.555 0.120

L31.Precip. horaria 0.002350 0.001790 1.313 0.189

L31.Temp. prom aire 0.000097 0.000211 0.459 0.646

L32.Conduct 0.144402 0.413411 0.349 0.727

L32.Water 0.760463 3.997788 0.190 0.849

L32.Temp -4.515515 2.367448 -1.907 0.056

L32.Precip. horaria -0.000409 0.001737 -0.236 0.814

L32.Temp. prom aire -0.000083 0.000209 -0.397 0.691

L33.Conduct -0.400472 0.348899 -1.148 0.251

L33.Water 1.355402 3.388890 0.400 0.689

L33.Temp 2.414514 2.275789 1.061 0.289

L33.Precip. horaria 0.002283 0.001734 1.316 0.188

L33.Temp. prom aire -0.000149 0.000210 -0.711 0.477

L34.Conduct 0.575172 0.306944 1.874 0.061

L34.Water -3.043479 2.998142 -1.015 0.310

L34.Temp -0.556350 2.230532 -0.249 0.803

L34.Precip. horaria -0.002226 0.001771 -1.257 0.209

L34.Temp. prom aire 0.000272 0.000206 1.319 0.187

L35.Conduct -0.562759 0.299691 -1.878 0.060

L35.Water 3.606559 2.899617 1.244 0.214

L35.Temp 0.420852 2.196207 0.192 0.848

L35.Precip. horaria 0.001397 0.001819 0.768 0.443

L35.Temp. prom aire -0.000137 0.000207 -0.663 0.507

L36.Conduct 0.365926 0.302442 1.210 0.226

L36.Water -2.831863 2.902191 -0.976 0.329

L36.Temp -0.707098 2.152481 -0.329 0.743

L36.Precip. horaria -0.002342 0.001813 -1.291 0.197

L36.Temp. prom aire -0.000002 0.000211 -0.009 0.993

L37.Conduct -0.144439 0.299418 -0.482 0.630

L37.Water 1.548228 2.862727 0.541 0.589

L37.Temp -0.076586 2.056927 -0.037 0.970

L37.Precip. horaria 0.002054 0.001807 1.136 0.256

L37.Temp. prom aire 0.000156 0.000211 0.737 0.461

L38.Conduct 0.040500 0.274061 0.148 0.883

L38.Water -0.854921 2.625404 -0.326 0.745

L38.Temp 1.679153 1.870552 0.898 0.369

L38.Precip. horaria -0.001082 0.001835 -0.590 0.555

L38.Temp. prom aire -0.000271 0.000212 -1.279 0.201

L39.Conduct -0.025132 0.213222 -0.118 0.906

L39.Water 0.744703 2.081112 0.358 0.720

L39.Temp -2.442697 1.597469 -1.529 0.126

L39.Precip. horaria 0.000526 0.001878 0.280 0.780

L39.Temp. prom aire 0.000025 0.000213 0.119 0.905

L40.Conduct -0.009218 0.128628 -0.072 0.943

L40.Water -0.512572 1.374199 -0.373 0.709

L40.Temp 1.606930 1.372551 1.171 0.242

L40.Precip. horaria -0.003010 0.001834 -1.641 0.101

L40.Temp. prom aire 0.000127 0.000211 0.605 0.545

L41.Conduct 0.058227 0.057166 1.019 0.308

L41.Water 0.115293 0.895377 0.129 0.898

L41.Temp -0.385109 1.298847 -0.297 0.767

L41.Precip. horaria -0.001236 0.001889 -0.654 0.513

L41.Temp. prom aire 0.000071 0.000211 0.337 0.736

L42.Conduct -0.061331 0.036389 -1.685 0.092

L42.Water 0.065737 0.785697 0.084 0.933

L42.Temp -0.083466 1.290639 -0.065 0.948

L42.Precip. horaria 0.001661 0.001856 0.895 0.371

L42.Temp. prom aire -0.000424 0.000206 -2.060 0.039

L43.Conduct 0.025432 0.036942 0.688 0.491

L43.Water 0.022699 0.769941 0.029 0.976

L43.Temp 0.138808 1.272145 0.109 0.913

L43.Precip. horaria -0.000358 0.002212 -0.162 0.871

L43.Temp. prom aire 0.000201 0.000205 0.980 0.327

L44.Conduct 0.011208 0.034076 0.329 0.742

L44.Water -0.139479 0.735878 -0.190 0.850

L44.Temp -0.568117 1.203730 -0.472 0.637

L44.Precip. horaria 0.002414 0.002234 1.081 0.280

L44.Temp. prom aire 0.000331 0.000205 1.618 0.106

L45.Conduct -0.025755 0.029408 -0.876 0.381

L45.Water 0.140098 0.646486 0.217 0.828

L45.Temp 1.262550 1.025650 1.231 0.218

L45.Precip. horaria 0.000043 0.002248 0.019 0.985

L45.Temp. prom aire -0.000191 0.000202 -0.943 0.345

L46.Conduct 0.018587 0.024754 0.751 0.453

L46.Water -0.113617 0.465128 -0.244 0.807

L46.Temp -1.374656 0.697632 -1.970 0.049

L46.Precip. horaria 0.000595 0.002488 0.239 0.811

L46.Temp. prom aire 0.000208 0.000201 1.034 0.301

L47.Conduct -0.006831 0.016224 -0.421 0.674

L47.Water 0.088643 0.228050 0.389 0.697

L47.Temp 0.752975 0.316667 2.378 0.017

L47.Precip. horaria 0.001712 0.002508 0.683 0.495

L47.Temp. prom aire 0.000304 0.000202 1.505 0.132

L48.Conduct 0.001053 0.004766 0.221 0.825

L48.Water -0.031970 0.053201 -0.601 0.548

L48.Temp -0.168501 0.068618 -2.456 0.014

L48.Precip. horaria 0.000560 0.002432 0.230 0.818

L48.Temp. prom aire -0.000247 0.000186 -1.327 0.185

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.545264 0.710820 -0.767 0.443

L1.Conduct 0.807150 0.620784 1.300 0.194

L1.Water -11.134019 5.402069 -2.061 0.039

L1.Temp -0.885849 3.008058 -0.294 0.768

L1.Precip. horaria 0.089914 0.071586 1.256 0.209

L1.Temp. prom aire 0.001073 0.007591 0.141 0.888

L2.Conduct -3.575687 2.706668 -1.321 0.186

L2.Water 49.700644 23.571417 2.109 0.035

L2.Temp 0.350469 13.709003 0.026 0.980

L2.Precip. horaria -0.030863 0.070773 -0.436 0.663

L2.Temp. prom aire 0.006911 0.008320 0.831 0.406

L3.Conduct 9.164843 5.467321 1.676 0.094

L3.Water -114.342300 47.552175 -2.405 0.016

L3.Temp -4.674015 30.063832 -0.155 0.876

L3.Precip. horaria 0.274519 0.070404 3.899 0.000

L3.Temp. prom aire -0.013437 0.008232 -1.632 0.103

L4.Conduct -14.815111 7.303783 -2.028 0.043

L4.Water 166.415074 63.260108 2.631 0.009

L4.Temp 31.450801 44.403031 0.708 0.479

L4.Precip. horaria -0.173621 0.073885 -2.350 0.019

L4.Temp. prom aire 0.012552 0.008324 1.508 0.132

L5.Conduct 13.450460 8.063884 1.668 0.095

L5.Water -144.171853 70.001180 -2.060 0.039

L5.Temp -68.076497 52.450769 -1.298 0.194

L5.Precip. horaria 0.081738 0.074683 1.094 0.274

L5.Temp. prom aire -0.004755 0.008404 -0.566 0.572

L6.Conduct -7.589608 8.683921 -0.874 0.382

L6.Water 78.341621 76.197219 1.028 0.304

L6.Temp 81.290859 55.524725 1.464 0.143

L6.Precip. horaria -0.188620 0.074578 -2.529 0.011

L6.Temp. prom aire -0.008640 0.008272 -1.045 0.296

L7.Conduct 8.872271 9.769469 0.908 0.364

L7.Water -81.014864 87.049825 -0.931 0.352

L7.Temp -66.658845 56.147442 -1.187 0.235

L7.Precip. horaria 0.191099 0.074911 2.551 0.011

L7.Temp. prom aire 0.010098 0.008307 1.215 0.224

L8.Conduct -17.031481 11.385056 -1.496 0.135

L8.Water 149.186718 103.660623 1.439 0.150

L8.Temp 38.681137 56.482355 0.685 0.493

L8.Precip. horaria -0.004109 0.076537 -0.054 0.957

L8.Temp. prom aire 0.004557 0.008280 0.550 0.582

L9.Conduct 21.061918 13.497296 1.560 0.119

L9.Water -176.360478 125.195430 -1.409 0.159

L9.Temp -13.889633 61.366034 -0.226 0.821

L9.Precip. horaria 0.160804 0.076703 2.096 0.036

L9.Temp. prom aire 0.007130 0.008279 0.861 0.389

L10.Conduct -15.580825 15.551407 -1.002 0.316

L10.Water 116.952909 146.110322 0.800 0.423

L10.Temp -0.457196 74.725285 -0.006 0.995

L10.Precip. horaria -0.185578 0.078290 -2.370 0.018

L10.Temp. prom aire -0.000152 0.008491 -0.018 0.986

L11.Conduct 4.439483 16.591405 0.268 0.789

L11.Water -13.173240 157.766120 -0.083 0.933

L11.Temp 16.236888 89.966282 0.180 0.857

L11.Precip. horaria -0.174163 0.079908 -2.180 0.029

L11.Temp. prom aire 0.002048 0.008528 0.240 0.810

L12.Conduct 6.029572 16.930972 0.356 0.722

L12.Water -79.978212 163.194227 -0.490 0.624

L12.Temp -35.605467 99.163279 -0.359 0.720

L12.Precip. horaria -0.117824 0.080397 -1.466 0.143

L12.Temp. prom aire 0.001934 0.008418 0.230 0.818

L13.Conduct -16.325697 17.330418 -0.942 0.346

L13.Water 175.777607 168.874300 1.041 0.298

L13.Temp 43.833891 102.165353 0.429 0.668

L13.Precip. horaria 0.102937 0.077852 1.322 0.186

L13.Temp. prom aire 0.006602 0.008398 0.786 0.432

L14.Conduct 30.162657 17.918630 1.683 0.092

L14.Water -312.983515 176.115509 -1.777 0.076

L14.Temp -32.240362 102.157714 -0.316 0.752

L14.Precip. horaria 0.121252 0.081109 1.495 0.135

L14.Temp. prom aire -0.007506 0.008316 -0.903 0.367

L15.Conduct -43.142079 18.771498 -2.298 0.022

L15.Water 445.977665 185.630172 2.403 0.016

L15.Temp 9.932216 100.528646 0.099 0.921

L15.Precip. horaria -0.034935 0.081174 -0.430 0.667

L15.Temp. prom aire -0.006454 0.008461 -0.763 0.446

L16.Conduct 46.081508 19.907455 2.315 0.021

L16.Water -479.434191 197.506374 -2.427 0.015

L16.Temp -4.913141 98.711592 -0.050 0.960

L16.Precip. horaria -0.021460 0.081184 -0.264 0.792

L16.Temp. prom aire -0.001465 0.008388 -0.175 0.861

L17.Conduct -34.717529 20.912168 -1.660 0.097

L17.Water 369.874728 208.202172 1.777 0.076

L17.Temp 30.153875 101.047778 0.298 0.765

L17.Precip. horaria -0.117947 0.080165 -1.471 0.141

L17.Temp. prom aire 0.003145 0.008303 0.379 0.705

L18.Conduct 14.765243 21.338584 0.692 0.489

L18.Water -172.519160 212.939301 -0.810 0.418

L18.Temp -59.721949 109.160059 -0.547 0.584

L18.Precip. horaria 0.020342 0.079975 0.254 0.799

L18.Temp. prom aire 0.002646 0.008350 0.317 0.751

L19.Conduct 1.891373 21.546814 0.088 0.930

L19.Water -2.471715 215.063991 -0.011 0.991

L19.Temp 67.516388 117.070768 0.577 0.564

L19.Precip. horaria 0.029972 0.081880 0.366 0.714

L19.Temp. prom aire -0.005416 0.008393 -0.645 0.519

L20.Conduct -12.007545 21.787313 -0.551 0.582

L20.Water 123.791390 217.769498 0.568 0.570

L20.Temp -60.197044 121.334079 -0.496 0.620

L20.Precip. horaria 0.039732 0.082749 0.480 0.631

L20.Temp. prom aire 0.009722 0.008363 1.163 0.245

L21.Conduct 23.050803 21.791862 1.058 0.290

L21.Water -253.600927 219.273809 -1.157 0.247

L21.Temp 62.890628 123.008557 0.511 0.609

L21.Precip. horaria -0.071894 0.082284 -0.874 0.382

L21.Temp. prom aire 0.024302 0.008213 2.959 0.003

L22.Conduct -37.084234 21.739827 -1.706 0.088

L22.Water 404.316427 220.726675 1.832 0.067

L22.Temp -84.765402 121.872308 -0.696 0.487

L22.Precip. horaria -0.135069 0.081857 -1.650 0.099

L22.Temp. prom aire -0.010891 0.008420 -1.294 0.196

L23.Conduct 45.738372 21.895696 2.089 0.037

L23.Water -494.757481 222.747899 -2.221 0.026

L23.Temp 101.491404 117.081042 0.867 0.386

L23.Precip. horaria -0.086939 0.082564 -1.053 0.292

L23.Temp. prom aire -0.006558 0.008667 -0.757 0.449

L24.Conduct -43.338005 21.735859 -1.994 0.046

L24.Water 465.433252 220.500456 2.111 0.035

L24.Temp -82.175409 111.298111 -0.738 0.460

L24.Precip. horaria 0.012299 0.081722 0.151 0.880

L24.Temp. prom aire 0.019403 0.008649 2.243 0.025

L25.Conduct 34.321928 20.767486 1.653 0.098

L25.Water -358.113855 209.920893 -1.706 0.088

L25.Temp 30.592562 110.610285 0.277 0.782

L25.Precip. horaria 0.063804 0.082347 0.775 0.438

L25.Temp. prom aire -0.030424 0.008949 -3.400 0.001

L26.Conduct -24.753162 19.720900 -1.255 0.209

L26.Water 245.901341 198.567187 1.238 0.216

L26.Temp 14.636409 114.584238 0.128 0.898

L26.Precip. horaria 0.024980 0.079589 0.314 0.754

L26.Temp. prom aire 0.000697 0.009201 0.076 0.940

L27.Conduct 14.403538 19.423885 0.742 0.458

L27.Water -136.785496 194.431274 -0.704 0.482

L27.Temp -29.443589 117.972708 -0.250 0.803

L27.Precip. horaria -0.039412 0.080244 -0.491 0.623

L27.Temp. prom aire -0.000545 0.009108 -0.060 0.952

L28.Conduct -0.019505 19.663036 -0.001 0.999

L28.Water -6.644824 195.422495 -0.034 0.973

L28.Temp 40.732194 119.730265 0.340 0.734

L28.Precip. horaria -0.156071 0.080399 -1.941 0.052

L28.Temp. prom aire 0.003658 0.008979 0.407 0.684

L29.Conduct -18.006211 20.006148 -0.900 0.368

L29.Water 189.460003 197.842891 0.958 0.338

L29.Temp -82.859045 119.435498 -0.694 0.488

L29.Precip. horaria 0.054726 0.077393 0.707 0.479

L29.Temp. prom aire -0.002508 0.009019 -0.278 0.781

L30.Conduct 34.465084 20.221337 1.704 0.088

L30.Water -356.051615 198.386898 -1.795 0.073

L30.Temp 133.286298 115.632891 1.153 0.249

L30.Precip. horaria -0.047260 0.077463 -0.610 0.542

L30.Temp. prom aire -0.010320 0.009088 -1.136 0.256

L31.Conduct -41.634797 19.607832 -2.123 0.034

L31.Water 421.188099 190.573588 2.210 0.027

L31.Temp -138.740865 108.213196 -1.282 0.200

L31.Precip. horaria 0.044711 0.076147 0.587 0.557

L31.Temp. prom aire -0.000340 0.008990 -0.038 0.970

L32.Conduct 35.753888 17.590580 2.033 0.042

L32.Water -358.024240 170.105134 -2.105 0.035

L32.Temp 93.201623 100.734450 0.925 0.355

L32.Precip. horaria -0.010750 0.073923 -0.145 0.884

L32.Temp. prom aire 0.019313 0.008898 2.171 0.030

L33.Conduct -23.433433 14.845570 -1.578 0.114

L33.Water 243.506280 144.196607 1.689 0.091

L33.Temp -43.003018 96.834383 -0.444 0.657

L33.Precip. horaria -0.029764 0.073791 -0.403 0.687

L33.Temp. prom aire 0.006002 0.008919 0.673 0.501

L34.Conduct 12.233709 13.060417 0.937 0.349

L34.Water -146.006347 127.570361 -1.145 0.252

L34.Temp 21.149206 94.908694 0.223 0.824

L34.Precip. horaria -0.109573 0.075342 -1.454 0.146

L34.Temp. prom aire -0.003352 0.008780 -0.382 0.703

L35.Conduct -1.050136 12.751780 -0.082 0.934

L35.Water 46.494197 123.378149 0.377 0.706

L35.Temp -7.349097 93.448181 -0.079 0.937

L35.Precip. horaria -0.031500 0.077411 -0.407 0.684

L35.Temp. prom aire -0.014014 0.008814 -1.590 0.112

L36.Conduct -10.645797 12.868871 -0.827 0.408

L36.Water 70.362762 123.487654 0.570 0.569

L36.Temp -36.043148 91.587673 -0.394 0.694

L36.Precip. horaria 0.024325 0.077161 0.315 0.753

L36.Temp. prom aire 0.001989 0.008988 0.221 0.825

L37.Conduct 17.578697 12.740184 1.380 0.168

L37.Water -158.662811 121.808506 -1.303 0.193

L37.Temp 95.854863 87.521865 1.095 0.273

L37.Precip. horaria 0.056682 0.076902 0.737 0.461

L37.Temp. prom aire -0.005022 0.008987 -0.559 0.576

L38.Conduct -16.640001 11.661244 -1.427 0.154

L38.Water 171.328597 111.710440 1.534 0.125

L38.Temp -118.369116 79.591630 -1.487 0.137

L38.Precip. horaria -0.021294 0.078083 -0.273 0.785

L38.Temp. prom aire -0.005606 0.009019 -0.622 0.534

L39.Conduct 10.414488 9.072540 1.148 0.251

L39.Water -119.048424 88.550911 -1.344 0.179

L39.Temp 94.251813 67.971998 1.387 0.166

L39.Precip. horaria -0.032471 0.079899 -0.406 0.684

L39.Temp. prom aire 0.008404 0.009055 0.928 0.353

L40.Conduct -4.156084 5.473080 -0.759 0.448

L40.Water 56.473529 58.471905 0.966 0.334

L40.Temp -68.580222 58.401764 -1.174 0.240

L40.Precip. horaria -0.078031 0.078054 -1.000 0.317

L40.Temp. prom aire -0.019541 0.008958 -2.181 0.029

L41.Conduct 0.796842 2.432422 0.328 0.743

L41.Water -18.147030 38.098132 -0.476 0.634

L41.Temp 69.719483 55.265710 1.262 0.207

L41.Precip. horaria 0.047817 0.080365 0.595 0.552

L41.Temp. prom aire 0.005843 0.008987 0.650 0.516

L42.Conduct 0.521588 1.548326 0.337 0.736

L42.Water -1.331779 33.431252 -0.040 0.968

L42.Temp -77.787329 54.916448 -1.416 0.157

L42.Precip. horaria 0.119583 0.078962 1.514 0.130

L42.Temp. prom aire 0.010691 0.008767 1.219 0.223

L43.Conduct -0.403093 1.571895 -0.256 0.798

L43.Water 11.960429 32.760822 0.365 0.715

L43.Temp 58.664343 54.129508 1.084 0.278

L43.Precip. horaria -0.149356 0.094119 -1.587 0.113

L43.Temp. prom aire -0.003975 0.008708 -0.457 0.648

L44.Conduct -0.198982 1.449940 -0.137 0.891

L44.Water -18.958522 31.311453 -0.605 0.545

L44.Temp -15.064504 51.218489 -0.294 0.769

L44.Precip. horaria -0.057997 0.095037 -0.610 0.542

L44.Temp. prom aire 0.010310 0.008704 1.185 0.236

L45.Conduct -0.440204 1.251323 -0.352 0.725

L45.Water 24.064429 27.507851 0.875 0.382

L45.Temp -18.868998 43.641216 -0.432 0.665

L45.Precip. horaria -0.171162 0.095647 -1.790 0.074

L45.Temp. prom aire -0.013107 0.008606 -1.523 0.128

L46.Conduct 1.110558 1.053296 1.054 0.292

L46.Water -19.739001 19.791094 -0.997 0.319

L46.Temp 26.204405 29.684112 0.883 0.377

L46.Precip. horaria 0.162728 0.105870 1.537 0.124

L46.Temp. prom aire -0.005547 0.008570 -0.647 0.518

L47.Conduct -0.592156 0.690310 -0.858 0.391

L47.Water 8.023783 9.703479 0.827 0.408

L47.Temp -15.839930 13.474126 -1.176 0.240

L47.Precip. horaria -0.115762 0.106711 -1.085 0.278

L47.Temp. prom aire 0.004849 0.008595 0.564 0.573

L48.Conduct 0.070419 0.202772 0.347 0.728

L48.Water -1.090484 2.263705 -0.482 0.630

L48.Temp 4.103266 2.919703 1.405 0.160

L48.Precip. horaria 0.083420 0.103499 0.806 0.420

L48.Temp. prom aire -0.001253 0.007931 -0.158 0.874

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 13.620358 6.661276 2.045 0.041

L1.Conduct 3.803629 5.817519 0.654 0.513

L1.Water -43.765795 50.624144 -0.865 0.387

L1.Temp -2.667433 28.189260 -0.095 0.925

L1.Precip. horaria 0.378103 0.670846 0.564 0.573

L1.Temp. prom aire 0.424433 0.071140 5.966 0.000

L2.Conduct -13.922962 25.364867 -0.549 0.583

L2.Water 109.888137 220.893647 0.497 0.619

L2.Temp 27.122237 128.470493 0.211 0.833

L2.Precip. horaria -0.191152 0.663229 -0.288 0.773

L2.Temp. prom aire 0.035399 0.077965 0.454 0.650

L3.Conduct 11.251777 51.235633 0.220 0.826

L3.Water 33.849138 445.623326 0.076 0.939

L3.Temp -71.106636 281.735692 -0.252 0.801

L3.Precip. horaria 0.428912 0.659778 0.650 0.516

L3.Temp. prom aire 0.049987 0.077143 0.648 0.517

L4.Conduct 20.878411 68.445577 0.305 0.760

L4.Water -410.982816 592.826301 -0.693 0.488

L4.Temp 115.137621 416.111916 0.277 0.782

L4.Precip. horaria 0.463392 0.692392 0.669 0.503

L4.Temp. prom aire -0.008432 0.078010 -0.108 0.914

L5.Conduct -39.908824 75.568673 -0.528 0.597

L5.Water 517.830326 655.998574 0.789 0.430

L5.Temp -87.183033 491.529281 -0.177 0.859

L5.Precip. horaria -0.087237 0.699871 -0.125 0.901

L5.Temp. prom aire -0.045454 0.078760 -0.577 0.564

L6.Conduct -8.317949 81.379192 -0.102 0.919

L6.Water 8.486120 714.063203 0.012 0.991

L6.Temp -206.143788 520.336092 -0.396 0.692

L6.Precip. horaria -0.254551 0.698893 -0.364 0.716

L6.Temp. prom aire -0.018746 0.077517 -0.242 0.809

L7.Conduct 98.304350 91.552138 1.074 0.283

L7.Water -884.084760 815.765686 -1.084 0.278

L7.Temp 777.115018 526.171728 1.477 0.140

L7.Precip. horaria 1.052108 0.702009 1.499 0.134

L7.Temp. prom aire 0.131442 0.077851 1.688 0.091

L8.Conduct -175.801158 106.692204 -1.648 0.099

L8.Water 1699.201281 971.429634 1.749 0.080

L8.Temp -1282.272619 529.310276 -2.423 0.015

L8.Precip. horaria 0.052442 0.717245 0.073 0.942

L8.Temp. prom aire -0.000863 0.077596 -0.011 0.991

L9.Conduct 231.694562 126.486540 1.832 0.067

L9.Water -2410.004856 1173.237695 -2.054 0.040

L9.Temp 1509.641423 575.076454 2.625 0.009

L9.Precip. horaria -0.326046 0.718800 -0.454 0.650

L9.Temp. prom aire -0.113411 0.077582 -1.462 0.144

L10.Conduct -270.259657 145.736129 -1.854 0.064

L10.Water 3050.098561 1369.236384 2.228 0.026

L10.Temp -1535.988004 700.269336 -2.193 0.028

L10.Precip. horaria -0.137661 0.733675 -0.188 0.851

L10.Temp. prom aire -0.120859 0.079569 -1.519 0.129

L11.Conduct 274.801086 155.482210 1.767 0.077

L11.Water -3251.239990 1478.465780 -2.199 0.028

L11.Temp 1364.158967 843.096540 1.618 0.106

L11.Precip. horaria 1.577642 0.748837 2.107 0.035

L11.Temp. prom aire -0.018904 0.079918 -0.237 0.813

L12.Conduct -207.871820 158.664376 -1.310 0.190

L12.Water 2492.601674 1529.333923 1.630 0.103

L12.Temp -932.348232 929.283895 -1.003 0.316

L12.Precip. horaria -0.435102 0.753423 -0.578 0.564

L12.Temp. prom aire -0.062473 0.078884 -0.792 0.428

L13.Conduct 61.065088 162.407683 0.376 0.707

L13.Water -837.864995 1582.563313 -0.529 0.597

L13.Temp 236.143871 957.417078 0.247 0.805

L13.Precip. horaria -0.376357 0.729569 -0.516 0.606

L13.Temp. prom aire 0.013300 0.078702 0.169 0.866

L14.Conduct 113.387991 167.919966 0.675 0.500

L14.Water -1079.902121 1650.422495 -0.654 0.513

L14.Temp 639.241658 957.345499 0.668 0.504

L14.Precip. horaria 0.511863 0.760088 0.673 0.501

L14.Temp. prom aire 0.082316 0.077930 1.056 0.291

L15.Conduct -272.357396 175.912403 -1.548 0.122

L15.Water 2756.920820 1739.586782 1.585 0.113

L15.Temp -1433.591458 942.079093 -1.522 0.128

L15.Precip. horaria 0.206214 0.760704 0.271 0.786

L15.Temp. prom aire -0.137453 0.079293 -1.733 0.083

L16.Conduct 394.921978 186.557743 2.117 0.034

L16.Water -4056.793494 1850.881642 -2.192 0.028

L16.Temp 1897.950716 925.051021 2.052 0.040

L16.Precip. horaria -0.265571 0.760800 -0.349 0.727

L16.Temp. prom aire -0.037980 0.078602 -0.483 0.629

L17.Conduct -458.604107 195.973160 -2.340 0.019

L17.Water 4908.499422 1951.114639 2.516 0.012

L17.Temp -1984.426358 946.944006 -2.096 0.036

L17.Precip. horaria -0.315862 0.751247 -0.420 0.674

L17.Temp. prom aire 0.149112 0.077812 1.916 0.055

L18.Conduct 467.713337 199.969206 2.339 0.019

L18.Water -5030.013516 1995.507463 -2.521 0.012

L18.Temp 1849.235684 1022.966224 1.808 0.071

L18.Precip. horaria 1.136222 0.749466 1.516 0.130

L18.Temp. prom aire 0.007687 0.078249 0.098 0.922

L19.Conduct -414.843841 201.920589 -2.054 0.040

L19.Water 4131.317206 2015.418466 2.050 0.040

L19.Temp -1696.636940 1097.099451 -1.546 0.122

L19.Precip. horaria 0.673885 0.767317 0.878 0.380

L19.Temp. prom aire -0.101295 0.078650 -1.288 0.198

L20.Conduct 286.084298 204.174365 1.401 0.161

L20.Water -2456.162225 2040.772448 -1.204 0.229

L20.Temp 1376.063468 1137.052011 1.210 0.226

L20.Precip. horaria 0.034838 0.775460 0.045 0.964

L20.Temp. prom aire -0.037801 0.078372 -0.482 0.630

L21.Conduct -119.991467 204.216989 -0.588 0.557

L21.Water 649.601335 2054.869718 0.316 0.752

L21.Temp -591.286875 1152.743961 -0.513 0.608

L21.Precip. horaria -0.202384 0.771107 -0.262 0.793

L21.Temp. prom aire 0.116715 0.076962 1.517 0.129

L22.Conduct -47.828264 203.729361 -0.235 0.814

L22.Water 937.065071 2068.484891 0.453 0.651

L22.Temp -432.550151 1142.095883 -0.379 0.705

L22.Precip. horaria 0.059377 0.767099 0.077 0.938

L22.Temp. prom aire 0.016109 0.078902 0.204 0.838

L23.Conduct 201.775361 205.190042 0.983 0.325

L23.Water -2307.540705 2087.426287 -1.105 0.269

L23.Temp 1188.052147 1097.195730 1.083 0.279

L23.Precip. horaria 0.930687 0.773732 1.203 0.229

L23.Temp. prom aire 0.006592 0.081222 0.081 0.935

L24.Conduct -313.552275 203.692175 -1.539 0.124

L24.Water 3375.094179 2066.364939 1.633 0.102

L24.Temp -1453.513729 1043.002439 -1.394 0.163

L24.Precip. horaria 1.081570 0.765834 1.412 0.158

L24.Temp. prom aire -0.134942 0.081052 -1.665 0.096

L25.Conduct 370.116137 194.617308 1.902 0.057

L25.Water -3864.972980 1967.221204 -1.965 0.049

L25.Temp 1348.153247 1036.556648 1.301 0.193

L25.Precip. horaria -0.533843 0.771694 -0.692 0.489

L25.Temp. prom aire -0.092724 0.083861 -1.106 0.269

L26.Conduct -369.146279 184.809490 -1.997 0.046

L26.Water 3623.930616 1860.822784 1.947 0.051

L26.Temp -1173.640783 1073.797564 -1.093 0.274

L26.Precip. horaria 1.537948 0.745846 2.062 0.039

L26.Temp. prom aire 0.020399 0.086225 0.237 0.813

L27.Conduct 313.350400 182.026088 1.721 0.085

L27.Water -2796.556715 1822.064113 -1.535 0.125

L27.Temp 1002.801986 1105.551760 0.907 0.364

L27.Precip. horaria -1.035282 0.751989 -1.377 0.169

L27.Temp. prom aire 0.090765 0.085357 1.063 0.288

L28.Conduct -207.362984 184.267228 -1.125 0.260

L28.Water 1606.348191 1831.353086 0.877 0.380

L28.Temp -623.830342 1122.022264 -0.556 0.578

L28.Precip. horaria -1.133352 0.753442 -1.504 0.133

L28.Temp. prom aire -0.115896 0.084141 -1.377 0.168

L29.Conduct 59.795689 187.482613 0.319 0.750

L29.Water -293.258618 1854.035226 -0.158 0.874

L29.Temp 61.325825 1119.259933 0.055 0.956

L29.Precip. horaria -0.688407 0.725268 -0.949 0.343

L29.Temp. prom aire -0.056102 0.084524 -0.664 0.507

L30.Conduct 76.031725 189.499203 0.401 0.688

L30.Water -848.365918 1859.133251 -0.456 0.648

L30.Temp 325.177929 1083.624749 0.300 0.764

L30.Precip. horaria 0.880993 0.725922 1.214 0.225

L30.Temp. prom aire 0.026886 0.085167 0.316 0.752

L31.Conduct -156.151365 183.749899 -0.850 0.395

L31.Water 1674.381193 1785.912770 0.938 0.348

L31.Temp -244.902848 1014.092928 -0.241 0.809

L31.Precip. horaria 0.151479 0.713588 0.212 0.832

L31.Temp. prom aire 0.050374 0.084245 0.598 0.550

L32.Conduct 192.886192 164.845727 1.170 0.242

L32.Water -2094.578840 1594.097770 -1.314 0.189

L32.Temp -117.834175 944.007732 -0.125 0.901

L32.Precip. horaria 0.811606 0.692748 1.172 0.241

L32.Temp. prom aire -0.073447 0.083383 -0.881 0.378

L33.Conduct -191.738193 139.121552 -1.378 0.168

L33.Water 1989.516380 1351.302481 1.472 0.141

L33.Temp 289.811345 907.459230 0.319 0.749

L33.Precip. horaria -0.126854 0.691512 -0.183 0.854

L33.Temp. prom aire 0.175705 0.083583 2.102 0.036

L34.Conduct 146.149763 122.392436 1.194 0.232

L34.Water -1421.582297 1195.493766 -1.189 0.234

L34.Temp -211.015124 889.413119 -0.237 0.812

L34.Precip. horaria 0.637663 0.706051 0.903 0.366

L34.Temp. prom aire -0.112462 0.082276 -1.367 0.172

L35.Conduct -71.930949 119.500117 -0.602 0.547

L35.Water 631.105436 1156.207499 0.546 0.585

L35.Temp 164.278070 875.726282 0.188 0.851

L35.Precip. horaria -0.378086 0.725442 -0.521 0.602

L35.Temp. prom aire -0.092106 0.082602 -1.115 0.265

L36.Conduct 1.967159 120.597406 0.016 0.987

L36.Water 72.545284 1157.233694 0.063 0.950

L36.Temp -176.267155 858.290997 -0.205 0.837

L36.Precip. horaria 1.185381 0.723099 1.639 0.101

L36.Temp. prom aire 0.114881 0.084232 1.364 0.173

L37.Conduct 38.586326 119.391450 0.323 0.747

L37.Water -547.429509 1141.497985 -0.480 0.632

L37.Temp 70.946272 820.189294 0.086 0.931

L37.Precip. horaria -0.503219 0.720666 -0.698 0.485

L37.Temp. prom aire -0.057546 0.084223 -0.683 0.494

L38.Conduct -49.913417 109.280436 -0.457 0.648

L38.Water 831.501446 1046.866477 0.794 0.427

L38.Temp 192.334276 745.873074 0.258 0.797

L38.Precip. horaria 0.574960 0.731740 0.786 0.432

L38.Temp. prom aire 0.030506 0.084517 0.361 0.718

L39.Conduct 36.642176 85.021045 0.431 0.666

L39.Water -847.094697 829.832742 -1.021 0.307

L39.Temp -443.588454 636.982602 -0.696 0.486

L39.Precip. horaria -0.237587 0.748756 -0.317 0.751

L39.Temp. prom aire -0.101390 0.084853 -1.195 0.232

L40.Conduct -11.132719 51.289604 -0.217 0.828

L40.Water 613.502065 547.954852 1.120 0.263

L40.Temp 497.292172 547.297540 0.909 0.364

L40.Precip. horaria 0.594008 0.731459 0.812 0.417

L40.Temp. prom aire -0.000911 0.083945 -0.011 0.991

L41.Conduct 1.594969 22.794831 0.070 0.944

L41.Water -370.841595 357.027130 -1.039 0.299

L41.Temp -390.627880 517.908792 -0.754 0.451

L41.Precip. horaria 0.262134 0.753123 0.348 0.728

L41.Temp. prom aire 0.037465 0.084218 0.445 0.656

L42.Conduct -6.247039 14.509754 -0.431 0.667

L42.Water 220.270361 313.292626 0.703 0.482

L42.Temp 264.005294 514.635771 0.513 0.608

L42.Precip. horaria -1.051096 0.739968 -1.420 0.155

L42.Temp. prom aire -0.033370 0.082156 -0.406 0.685

L43.Conduct 3.732318 14.730619 0.253 0.800

L43.Water -133.608305 307.009854 -0.435 0.663

L43.Temp -188.492246 507.261160 -0.372 0.710

L43.Precip. horaria -0.753367 0.882013 -0.854 0.393

L43.Temp. prom aire 0.064279 0.081605 0.788 0.431

L44.Conduct 1.263048 13.587746 0.093 0.926

L44.Water 86.344271 293.427457 0.294 0.769

L44.Temp 176.164993 479.981274 0.367 0.714

L44.Precip. horaria -0.157683 0.890614 -0.177 0.859

L44.Temp. prom aire -0.001670 0.081565 -0.020 0.984

L45.Conduct -1.861246 11.726456 -0.159 0.874

L45.Water -12.394279 257.782955 -0.048 0.962

L45.Temp -154.524126 408.972750 -0.378 0.706

L45.Precip. horaria 0.818252 0.896334 0.913 0.361

L45.Temp. prom aire 0.003931 0.080647 0.049 0.961

L46.Conduct 2.791515 9.870701 0.283 0.777

L46.Water -68.057077 185.467289 -0.367 0.714

L46.Temp 77.074570 278.177241 0.277 0.782

L46.Precip. horaria -1.784938 0.992137 -1.799 0.072

L46.Temp. prom aire -0.063833 0.080314 -0.795 0.427

L47.Conduct -2.643351 6.469063 -0.409 0.683

L47.Water 65.947170 90.933730 0.725 0.468

L47.Temp -11.842583 126.269409 -0.094 0.925

L47.Precip. horaria 1.286487 1.000015 1.286 0.198

L47.Temp. prom aire -0.041330 0.080547 -0.513 0.608

L48.Conduct 0.772718 1.900230 0.407 0.684

L48.Water -18.829883 21.213745 -0.888 0.375

L48.Temp -2.559998 27.361269 -0.094 0.925

L48.Precip. horaria 1.472239 0.969917 1.518 0.129

L48.Temp. prom aire -0.041693 0.074323 -0.561 0.575

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.898496 0.126129 -0.087265 0.003295

Water 0.898496 1.000000 0.155152 -0.092087 0.036143

Temp 0.126129 0.155152 1.000000 -0.079945 0.048196

Precip. horaria -0.087265 -0.092087 -0.079945 1.000000 0.110311

Temp. prom aire 0.003295 0.036143 0.048196 0.110311 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -20.3521

Nobs: 440.000 HQIC: -27.1290

Log likelihood: 5023.08 FPE: 3.91935e-14

AIC: -31.5443 Det(Omega\_mle): 4.41308e-15

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.044629 0.016716 2.670 0.008

L1.Conduct 5.045471 0.157604 32.014 0.000

L1.Water -1.210906 0.256893 -4.714 0.000

L1.Temp 0.050579 0.119937 0.422 0.673

L1.Precip. horaria -0.003582 0.004828 -0.742 0.458

L1.Temp. prom aire -0.000520 0.000441 -1.180 0.238

L2.Conduct -11.066104 0.703956 -15.720 0.000

L2.Water 4.914979 1.097615 4.478 0.000

L2.Temp -0.309471 0.520885 -0.594 0.552

L2.Precip. horaria -0.000279 0.004905 -0.057 0.955

L2.Temp. prom aire 0.000527 0.000473 1.114 0.265

L3.Conduct 14.264692 1.525946 9.348 0.000

L3.Water -8.778792 2.268083 -3.871 0.000

L3.Temp 0.829893 1.082947 0.766 0.443

L3.Precip. horaria 0.000807 0.004758 0.170 0.865

L3.Temp. prom aire 0.000075 0.000462 0.163 0.871

L4.Conduct -12.321338 2.259010 -5.454 0.000

L4.Water 9.449554 3.212655 2.941 0.003

L4.Temp -1.532642 1.528180 -1.003 0.316

L4.Precip. horaria -0.005413 0.005013 -1.080 0.280

L4.Temp. prom aire -0.000050 0.000463 -0.108 0.914

L5.Conduct 7.348560 2.688858 2.733 0.006

L5.Water -6.959344 3.700840 -1.880 0.060

L5.Temp 2.392077 1.755841 1.362 0.173

L5.Precip. horaria 0.004215 0.004965 0.849 0.396

L5.Temp. prom aire 0.000098 0.000460 0.212 0.832

L6.Conduct -2.483506 2.873444 -0.864 0.387

L6.Water 3.586457 3.871278 0.926 0.354

L6.Temp -2.950041 1.858585 -1.587 0.112

L6.Precip. horaria 0.006478 0.004904 1.321 0.187

L6.Temp. prom aire -0.000988 0.000474 -2.082 0.037

L7.Conduct -1.841770 2.991349 -0.616 0.538

L7.Water -0.942101 3.961463 -0.238 0.812

L7.Temp 2.333844 1.951576 1.196 0.232

L7.Precip. horaria 0.006527 0.004986 1.309 0.191

L7.Temp. prom aire -0.000234 0.000492 -0.475 0.635

L8.Conduct 8.046156 3.080810 2.612 0.009

L8.Water -2.455822 4.053972 -0.606 0.545

L8.Temp -0.442107 2.051801 -0.215 0.829

L8.Precip. horaria 0.001153 0.004999 0.231 0.818

L8.Temp. prom aire 0.000451 0.000496 0.909 0.363

L9.Conduct -15.507846 3.134136 -4.948 0.000

L9.Water 8.389578 4.208467 1.993 0.046

L9.Temp -1.763516 2.212831 -0.797 0.425

L9.Precip. horaria 0.011978 0.005031 2.381 0.017

L9.Temp. prom aire -0.000291 0.000498 -0.584 0.559

L10.Conduct 19.715066 3.349841 5.885 0.000

L10.Water -14.233452 4.622542 -3.079 0.002

L10.Temp 3.484087 2.555418 1.363 0.173

L10.Precip. horaria -0.003687 0.005238 -0.704 0.482

L10.Temp. prom aire -0.000342 0.000497 -0.689 0.491

L11.Conduct -17.995081 3.768637 -4.775 0.000

L11.Water 15.945617 5.180702 3.078 0.002

L11.Temp -4.853465 2.928627 -1.657 0.097

L11.Precip. horaria -0.009480 0.005398 -1.756 0.079

L11.Temp. prom aire 0.000442 0.000487 0.906 0.365

L12.Conduct 12.127582 4.181494 2.900 0.004

L12.Water -12.908442 5.630260 -2.293 0.022

L12.Temp 6.054126 3.125190 1.937 0.053

L12.Precip. horaria -0.000824 0.005399 -0.153 0.879

L12.Temp. prom aire 0.000240 0.000484 0.497 0.619

L13.Conduct -7.482913 4.492884 -1.666 0.096

L13.Water 8.510900 5.929740 1.435 0.151

L13.Temp -6.610193 3.177449 -2.080 0.037

L13.Precip. horaria 0.007898 0.005430 1.455 0.146

L13.Temp. prom aire 0.000414 0.000480 0.861 0.389

L14.Conduct 6.085543 4.750147 1.281 0.200

L14.Water -6.379129 6.148728 -1.037 0.300

L14.Temp 6.116405 3.243784 1.886 0.059

L14.Precip. horaria -0.003499 0.005367 -0.652 0.514

L14.Temp. prom aire 0.000337 0.000470 0.718 0.473

L15.Conduct -3.253809 4.909899 -0.663 0.508

L15.Water 5.266306 6.252497 0.842 0.400

L15.Temp -4.705097 3.352818 -1.403 0.161

L15.Precip. horaria 0.009442 0.005459 1.730 0.084

L15.Temp. prom aire 0.000204 0.000474 0.430 0.667

L16.Conduct -3.639549 4.857848 -0.749 0.454

L16.Water -0.987256 6.107181 -0.162 0.872

L16.Temp 2.737266 3.405263 0.804 0.421

L16.Precip. horaria -0.003434 0.005516 -0.623 0.534

L16.Temp. prom aire -0.000680 0.000472 -1.441 0.150

L17.Conduct 11.607189 4.700597 2.469 0.014

L17.Water -7.256145 5.881662 -1.234 0.217

L17.Temp -0.536114 3.457735 -0.155 0.877

L17.Precip. horaria 0.005884 0.005387 1.092 0.275

L17.Temp. prom aire 0.000035 0.000472 0.075 0.940

L18.Conduct -16.189910 4.629553 -3.497 0.000

L18.Water 15.041751 5.806863 2.590 0.010

L18.Temp -1.938473 3.613516 -0.536 0.592

L18.Precip. horaria 0.004707 0.005338 0.882 0.378

L18.Temp. prom aire -0.000296 0.000479 -0.617 0.537

L19.Conduct 15.416850 4.673776 3.299 0.001

L19.Water -17.046883 5.908658 -2.885 0.004

L19.Temp 4.904931 3.771788 1.300 0.193

L19.Precip. horaria 0.005470 0.005275 1.037 0.300

L19.Temp. prom aire -0.000164 0.000475 -0.346 0.729

L20.Conduct -12.632220 4.702701 -2.686 0.007

L20.Water 13.708272 6.008472 2.281 0.023

L20.Temp -7.968235 3.851464 -2.069 0.039

L20.Precip. horaria -0.001519 0.005328 -0.285 0.776

L20.Temp. prom aire 0.000486 0.000472 1.030 0.303

L21.Conduct 10.656130 4.781255 2.229 0.026

L21.Water -10.137617 6.118918 -1.657 0.098

L21.Temp 9.858337 3.944141 2.499 0.012

L21.Precip. horaria 0.009777 0.005196 1.882 0.060

L21.Temp. prom aire -0.000031 0.000476 -0.066 0.948

L22.Conduct -7.340917 5.084831 -1.444 0.149

L22.Water 8.003681 6.452283 1.240 0.215

L22.Temp -9.432977 4.094706 -2.304 0.021

L22.Precip. horaria -0.001296 0.005278 -0.246 0.806

L22.Temp. prom aire -0.000063 0.000490 -0.129 0.898

L23.Conduct 1.880203 5.439219 0.346 0.730

L23.Water -4.991677 6.808478 -0.733 0.463

L23.Temp 7.162093 4.163088 1.720 0.085

L23.Precip. horaria -0.004231 0.005070 -0.834 0.404

L23.Temp. prom aire 0.000628 0.000509 1.233 0.218

L24.Conduct 2.973982 5.630147 0.528 0.597

L24.Water 0.406551 7.002133 0.058 0.954

L24.Temp -4.399592 4.123164 -1.067 0.286

L24.Precip. horaria 0.003937 0.005216 0.755 0.450

L24.Temp. prom aire -0.000729 0.000524 -1.390 0.165

L25.Conduct -4.133279 5.611838 -0.737 0.461

L25.Water 3.415549 6.997568 0.488 0.625

L25.Temp 1.433962 4.128661 0.347 0.728

L25.Precip. horaria 0.003041 0.005170 0.588 0.556

L25.Temp. prom aire -0.000413 0.000525 -0.786 0.432

L26.Conduct 1.102163 5.429173 0.203 0.839

L26.Water -3.660746 6.789778 -0.539 0.590

L26.Temp 1.833601 4.183632 0.438 0.661

L26.Precip. horaria -0.006714 0.004973 -1.350 0.177

L26.Temp. prom aire 0.000054 0.000519 0.105 0.917

L27.Conduct 2.274525 5.090997 0.447 0.655

L27.Water 0.773562 6.315187 0.122 0.903

L27.Temp -4.650150 4.130702 -1.126 0.260

L27.Precip. horaria 0.005394 0.004987 1.082 0.279

L27.Temp. prom aire -0.000551 0.000521 -1.058 0.290

L28.Conduct -3.111666 4.679304 -0.665 0.506

L28.Water 1.945802 5.679510 0.343 0.732

L28.Temp 6.207891 3.959289 1.568 0.117

L28.Precip. horaria 0.002193 0.005006 0.438 0.661

L28.Temp. prom aire 0.000781 0.000508 1.538 0.124

L29.Conduct 2.614406 4.451176 0.587 0.557

L29.Water -2.232692 5.301383 -0.421 0.674

L29.Temp -6.241002 3.818844 -1.634 0.102

L29.Precip. horaria 0.008617 0.004875 1.768 0.077

L29.Temp. prom aire -0.001390 0.000510 -2.725 0.006

L30.Conduct -1.964321 4.439580 -0.442 0.658

L30.Water 0.378339 5.289038 0.072 0.943

L30.Temp 5.111409 3.716258 1.375 0.169

L30.Precip. horaria 0.010820 0.004752 2.277 0.023

L30.Temp. prom aire -0.000474 0.000515 -0.920 0.357

L31.Conduct 1.363269 4.395195 0.310 0.756

L31.Water 1.047621 5.324079 0.197 0.844

L31.Temp -3.637573 3.570192 -1.019 0.308

L31.Precip. horaria 0.004299 0.004769 0.902 0.367

L31.Temp. prom aire 0.000512 0.000528 0.970 0.332

L32.Conduct -0.244915 4.203667 -0.058 0.954

L32.Water -0.335151 5.201035 -0.064 0.949

L32.Temp 2.432751 3.447291 0.706 0.480

L32.Precip. horaria -0.001865 0.004698 -0.397 0.691

L32.Temp. prom aire 0.000573 0.000526 1.089 0.276

L33.Conduct -1.979790 4.034072 -0.491 0.624

L33.Water -0.709933 5.026682 -0.141 0.888

L33.Temp -1.685051 3.425987 -0.492 0.623

L33.Precip. horaria -0.004518 0.004697 -0.962 0.336

L33.Temp. prom aire -0.000112 0.000521 -0.215 0.829

L34.Conduct 3.677660 4.004228 0.918 0.358

L34.Water 0.134696 4.885593 0.028 0.978

L34.Temp 1.014200 3.403552 0.298 0.766

L34.Precip. horaria -0.003219 0.004682 -0.688 0.492

L34.Temp. prom aire -0.000171 0.000515 -0.332 0.740

L35.Conduct -3.392423 3.974750 -0.853 0.393

L35.Water 1.026734 4.686244 0.219 0.827

L35.Temp 0.013541 3.304788 0.004 0.997

L35.Precip. horaria 0.000487 0.004744 0.103 0.918

L35.Temp. prom aire -0.000151 0.000512 -0.294 0.769

L36.Conduct 1.934421 3.878178 0.499 0.618

L36.Water -0.613992 4.494918 -0.137 0.891

L36.Temp -1.034422 3.185434 -0.325 0.745

L36.Precip. horaria 0.005645 0.004739 1.191 0.234

L36.Temp. prom aire 0.000060 0.000517 0.117 0.907

L37.Conduct -0.531486 3.664026 -0.145 0.885

L37.Water -1.589069 4.272780 -0.372 0.710

L37.Temp 1.660685 3.032894 0.548 0.584

L37.Precip. horaria -0.007025 0.004754 -1.478 0.140

L37.Temp. prom aire 0.000503 0.000532 0.945 0.344

L38.Conduct -0.157845 3.289473 -0.048 0.962

L38.Water 3.472764 3.888306 0.893 0.372

L38.Temp -1.985493 2.755476 -0.721 0.471

L38.Precip. horaria 0.006859 0.005249 1.307 0.191

L38.Temp. prom aire -0.000246 0.000533 -0.462 0.644

L39.Conduct 0.200022 2.751352 0.073 0.942

L39.Water -3.090752 3.288915 -0.940 0.347

L39.Temp 1.917741 2.339070 0.820 0.412

L39.Precip. horaria 0.000198 0.005572 0.036 0.972

L39.Temp. prom aire 0.000101 0.000536 0.189 0.850

L40.Conduct 0.028821 2.096730 0.014 0.989

L40.Water 0.744843 2.579906 0.289 0.773

L40.Temp -1.422673 1.970922 -0.722 0.470

L40.Precip. horaria -0.004141 0.005357 -0.773 0.440

L40.Temp. prom aire -0.000124 0.000525 -0.235 0.814

L41.Conduct -0.359897 1.483028 -0.243 0.808

L41.Water 1.347212 2.023085 0.666 0.505

L41.Temp 0.811171 1.852886 0.438 0.662

L41.Precip. horaria 0.009086 0.005300 1.714 0.086

L41.Temp. prom aire 0.000617 0.000528 1.168 0.243

L42.Conduct 0.478441 1.052111 0.455 0.649

L42.Water -1.595416 1.727312 -0.924 0.356

L42.Temp -0.337743 1.858313 -0.182 0.856

L42.Precip. horaria -0.010016 0.005427 -1.846 0.065

L42.Temp. prom aire -0.000099 0.000524 -0.190 0.849

L43.Conduct -0.237437 0.868607 -0.273 0.785

L43.Water 0.835261 1.621871 0.515 0.607

L43.Temp 0.051265 1.835504 0.028 0.978

L43.Precip. horaria 0.010853 0.006113 1.775 0.076

L43.Temp. prom aire 0.000469 0.000529 0.886 0.376

L44.Conduct 0.024835 0.829819 0.030 0.976

L44.Water -0.760847 1.573451 -0.484 0.629

L44.Temp 0.073244 1.737885 0.042 0.966

L44.Precip. horaria -0.002058 0.006248 -0.329 0.742

L44.Temp. prom aire -0.000361 0.000539 -0.669 0.504

L45.Conduct -0.193662 0.764328 -0.253 0.800

L45.Water 1.718521 1.441630 1.192 0.233

L45.Temp 0.028770 1.495218 0.019 0.985

L45.Precip. horaria 0.006765 0.006386 1.059 0.289

L45.Temp. prom aire -0.000383 0.000536 -0.715 0.475

L46.Conduct 0.461989 0.597575 0.773 0.439

L46.Water -2.330258 1.095553 -2.127 0.033

L46.Temp -0.275300 1.046873 -0.263 0.793

L46.Precip. horaria 0.006532 0.006646 0.983 0.326

L46.Temp. prom aire 0.000568 0.000536 1.061 0.289

L47.Conduct -0.373599 0.318938 -1.171 0.241

L47.Water 1.545118 0.557805 2.770 0.006

L47.Temp 0.303298 0.497679 0.609 0.542

L47.Precip. horaria 0.004523 0.006444 0.702 0.483

L47.Temp. prom aire 0.000519 0.000538 0.966 0.334

L48.Conduct 0.105513 0.078568 1.343 0.179

L48.Water -0.403061 0.131896 -3.056 0.002

L48.Temp -0.106647 0.113263 -0.942 0.346

L48.Precip. horaria -0.000614 0.006328 -0.097 0.923

L48.Temp. prom aire -0.000469 0.000475 -0.987 0.324

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.021523 0.010290 2.092 0.036

L1.Conduct 0.599247 0.097014 6.177 0.000

L1.Water 3.364700 0.158132 21.278 0.000

L1.Temp -0.047843 0.073828 -0.648 0.517

L1.Precip. horaria -0.001940 0.002972 -0.653 0.514

L1.Temp. prom aire -0.000069 0.000271 -0.253 0.800

L2.Conduct -2.395023 0.433324 -5.527 0.000

L2.Water -4.311674 0.675644 -6.382 0.000

L2.Temp 0.153346 0.320634 0.478 0.632

L2.Precip. horaria -0.000113 0.003020 -0.037 0.970

L2.Temp. prom aire 0.000310 0.000291 1.066 0.286

L3.Conduct 4.301795 0.939305 4.580 0.000

L3.Water 2.159960 1.396132 1.547 0.122

L3.Temp -0.142441 0.666614 -0.214 0.831

L3.Precip. horaria 0.000469 0.002929 0.160 0.873

L3.Temp. prom aire -0.000118 0.000285 -0.415 0.678

L4.Conduct -4.812253 1.390547 -3.461 0.001

L4.Water 1.014882 1.977569 0.513 0.608

L4.Temp -0.181035 0.940681 -0.192 0.847

L4.Precip. horaria -0.004029 0.003086 -1.306 0.192

L4.Temp. prom aire 0.000195 0.000285 0.683 0.494

L5.Conduct 3.779195 1.655143 2.283 0.022

L5.Water -2.859012 2.278074 -1.255 0.209

L5.Temp 0.820895 1.080818 0.760 0.448

L5.Precip. horaria 0.004763 0.003056 1.558 0.119

L5.Temp. prom aire -0.000388 0.000283 -1.369 0.171

L6.Conduct -2.131491 1.768766 -1.205 0.228

L6.Water 3.151859 2.382988 1.323 0.186

L6.Temp -1.413981 1.144063 -1.236 0.216

L6.Precip. horaria 0.001602 0.003019 0.531 0.596

L6.Temp. prom aire -0.000147 0.000292 -0.504 0.614

L7.Conduct 0.782746 1.841343 0.425 0.671

L7.Water -3.957439 2.438502 -1.623 0.105

L7.Temp 1.423417 1.201304 1.185 0.236

L7.Precip. horaria 0.004892 0.003069 1.594 0.111

L7.Temp. prom aire -0.000050 0.000303 -0.165 0.869

L8.Conduct 0.916658 1.896411 0.483 0.629

L8.Water 5.575585 2.495447 2.234 0.025

L8.Temp -0.883261 1.262998 -0.699 0.484

L8.Precip. horaria -0.002198 0.003077 -0.714 0.475

L8.Temp. prom aire -0.000065 0.000305 -0.214 0.830

L9.Conduct -3.899818 1.929236 -2.021 0.043

L9.Water -4.700136 2.590547 -1.814 0.070

L9.Temp 0.306189 1.362122 0.225 0.822

L9.Precip. horaria 0.010731 0.003097 3.465 0.001

L9.Temp. prom aire -0.000131 0.000307 -0.429 0.668

L10.Conduct 7.008817 2.062015 3.399 0.001

L10.Water 0.430818 2.845434 0.151 0.880

L10.Temp 0.223924 1.573003 0.142 0.887

L10.Precip. horaria -0.004923 0.003224 -1.527 0.127

L10.Temp. prom aire -0.000147 0.000306 -0.480 0.632

L11.Conduct -8.145917 2.319807 -3.511 0.000

L11.Water 4.025191 3.189012 1.262 0.207

L11.Temp -0.982420 1.802734 -0.545 0.586

L11.Precip. horaria -0.007400 0.003323 -2.227 0.026

L11.Temp. prom aire 0.000164 0.000300 0.548 0.584

L12.Conduct 6.474010 2.573944 2.515 0.012

L12.Water -5.359531 3.465740 -1.546 0.122

L12.Temp 1.868322 1.923729 0.971 0.331

L12.Precip. horaria -0.002655 0.003323 -0.799 0.424

L12.Temp. prom aire -0.000081 0.000298 -0.272 0.785

L13.Conduct -3.818167 2.765622 -1.381 0.167

L13.Water 3.444920 3.650087 0.944 0.345

L13.Temp -2.349749 1.955898 -1.201 0.230

L13.Precip. horaria 0.007913 0.003343 2.367 0.018

L13.Temp. prom aire 0.000174 0.000296 0.587 0.557

L14.Conduct 2.643796 2.923981 0.904 0.366

L14.Water -2.319638 3.784886 -0.613 0.540

L14.Temp 2.153660 1.996731 1.079 0.281

L14.Precip. horaria -0.006157 0.003304 -1.864 0.062

L14.Temp. prom aire 0.000348 0.000289 1.202 0.229

L15.Conduct -2.048625 3.022318 -0.678 0.498

L15.Water 3.988697 3.848762 1.036 0.300

L15.Temp -1.685043 2.063847 -0.816 0.414

L15.Precip. horaria 0.005304 0.003360 1.578 0.114

L15.Temp. prom aire -0.000167 0.000292 -0.571 0.568

L16.Conduct -0.479795 2.990278 -0.160 0.873

L16.Water -4.328394 3.759312 -1.151 0.250

L16.Temp 1.341404 2.096130 0.640 0.522

L16.Precip. horaria -0.001843 0.003395 -0.543 0.587

L16.Temp. prom aire -0.000265 0.000291 -0.910 0.363

L17.Conduct 4.971918 2.893481 1.718 0.086

L17.Water -0.066022 3.620492 -0.018 0.985

L17.Temp -0.967460 2.128430 -0.455 0.649

L17.Precip. horaria 0.004440 0.003316 1.339 0.181

L17.Temp. prom aire 0.000047 0.000290 0.163 0.871

L18.Conduct -8.522190 2.849749 -2.991 0.003

L18.Water 6.323375 3.574449 1.769 0.077

L18.Temp 0.268179 2.224321 0.121 0.904

L18.Precip. horaria 0.004667 0.003286 1.421 0.155

L18.Temp. prom aire -0.000082 0.000295 -0.279 0.780

L19.Conduct 8.136497 2.876971 2.828 0.005

L19.Water -8.332675 3.637110 -2.291 0.022

L19.Temp 0.910960 2.321747 0.392 0.695

L19.Precip. horaria 0.000637 0.003247 0.196 0.844

L19.Temp. prom aire 0.000217 0.000292 0.743 0.457

L20.Conduct -5.004134 2.894776 -1.729 0.084

L20.Water 4.789108 3.698551 1.295 0.195

L20.Temp -2.345090 2.370792 -0.989 0.323

L20.Precip. horaria -0.000086 0.003280 -0.026 0.979

L20.Temp. prom aire -0.000133 0.000290 -0.457 0.647

L21.Conduct 2.792300 2.943130 0.949 0.343

L21.Water -1.645776 3.766537 -0.437 0.662

L21.Temp 3.334424 2.427839 1.373 0.170

L21.Precip. horaria 0.007944 0.003199 2.484 0.013

L21.Temp. prom aire -0.000379 0.000293 -1.293 0.196

L22.Conduct -2.095464 3.129998 -0.669 0.503

L22.Water 2.622323 3.971741 0.660 0.509

L22.Temp -3.475076 2.520521 -1.379 0.168

L22.Precip. horaria 0.000204 0.003249 0.063 0.950

L22.Temp. prom aire 0.000491 0.000302 1.627 0.104

L23.Conduct 1.478806 3.348144 0.442 0.659

L23.Water -4.625361 4.190999 -1.104 0.270

L23.Temp 3.017669 2.562614 1.178 0.239

L23.Precip. horaria -0.005773 0.003121 -1.850 0.064

L23.Temp. prom aire -0.000180 0.000313 -0.574 0.566

L24.Conduct -0.885467 3.465671 -0.255 0.798

L24.Water 4.593952 4.310205 1.066 0.286

L24.Temp -2.273003 2.538038 -0.896 0.370

L24.Precip. horaria 0.005794 0.003211 1.805 0.071

L24.Temp. prom aire -0.000273 0.000323 -0.844 0.399

L25.Conduct 1.296063 3.454400 0.375 0.708

L25.Water -3.051819 4.307395 -0.709 0.479

L25.Temp 1.242067 2.541422 0.489 0.625

L25.Precip. horaria -0.000140 0.003183 -0.044 0.965

L25.Temp. prom aire -0.000111 0.000323 -0.344 0.731

L26.Conduct -2.915741 3.341960 -0.872 0.383

L26.Water 2.260964 4.179488 0.541 0.589

L26.Temp 0.049016 2.575260 0.019 0.985

L26.Precip. horaria -0.002762 0.003061 -0.902 0.367

L26.Temp. prom aire -0.000033 0.000320 -0.103 0.918

L27.Conduct 3.950985 3.133794 1.261 0.207

L27.Water -2.843585 3.887351 -0.731 0.464

L27.Temp -1.137254 2.542678 -0.447 0.655

L27.Precip. horaria 0.002645 0.003070 0.862 0.389

L27.Temp. prom aire -0.000425 0.000320 -1.327 0.184

L28.Conduct -2.769932 2.880374 -0.962 0.336

L28.Water 2.460195 3.496056 0.704 0.482

L28.Temp 1.573797 2.437164 0.646 0.518

L28.Precip. horaria 0.001217 0.003081 0.395 0.693

L28.Temp. prom aire 0.000640 0.000313 2.048 0.041

L29.Conduct 0.059319 2.739948 0.022 0.983

L29.Water 0.547967 3.263298 0.168 0.867

L29.Temp -1.400284 2.350713 -0.596 0.551

L29.Precip. horaria 0.003700 0.003001 1.233 0.218

L29.Temp. prom aire -0.000888 0.000314 -2.828 0.005

L30.Conduct 2.790255 2.732810 1.021 0.307

L30.Water -4.895336 3.255699 -1.504 0.133

L30.Temp 0.834516 2.287565 0.365 0.715

L30.Precip. horaria 0.005380 0.002925 1.839 0.066

L30.Temp. prom aire 0.000161 0.000317 0.507 0.612

L31.Conduct -4.732773 2.705489 -1.749 0.080

L31.Water 7.688472 3.277269 2.346 0.019

L31.Temp -0.159591 2.197653 -0.073 0.942

L31.Precip. horaria 0.002889 0.002935 0.984 0.325

L31.Temp. prom aire 0.000051 0.000325 0.158 0.874

L32.Conduct 5.528012 2.587592 2.136 0.033

L32.Water -7.291155 3.201528 -2.277 0.023

L32.Temp -0.224912 2.122000 -0.106 0.916

L32.Precip. horaria -0.001362 0.002892 -0.471 0.638

L32.Temp. prom aire 0.000085 0.000324 0.262 0.794

L33.Conduct -5.839335 2.483197 -2.352 0.019

L33.Water 5.454485 3.094204 1.763 0.078

L33.Temp 0.164875 2.108887 0.078 0.938

L33.Precip. horaria -0.001300 0.002891 -0.450 0.653

L33.Temp. prom aire 0.000065 0.000320 0.204 0.839

L34.Conduct 5.653888 2.464827 2.294 0.022

L34.Water -4.570724 3.007356 -1.520 0.129

L34.Temp 0.086459 2.095077 0.041 0.967

L34.Precip. horaria -0.003155 0.002882 -1.095 0.274

L34.Temp. prom aire 0.000060 0.000317 0.191 0.849

L35.Conduct -4.554864 2.446681 -1.862 0.063

L35.Water 4.258821 2.884645 1.476 0.140

L35.Temp -0.211529 2.034282 -0.104 0.917

L35.Precip. horaria 0.000977 0.002920 0.335 0.738

L35.Temp. prom aire -0.000271 0.000315 -0.859 0.390

L36.Conduct 3.032530 2.387236 1.270 0.204

L36.Water -3.053788 2.766874 -1.104 0.270

L36.Temp 0.192020 1.960813 0.098 0.922

L36.Precip. horaria -0.001130 0.002917 -0.387 0.698

L36.Temp. prom aire 0.000327 0.000318 1.026 0.305

L37.Conduct -1.823695 2.255413 -0.809 0.419

L37.Water 1.040571 2.630135 0.396 0.692

L37.Temp -0.117090 1.866916 -0.063 0.950

L37.Precip. horaria 0.004007 0.002927 1.369 0.171

L37.Temp. prom aire 0.000019 0.000327 0.059 0.953

L38.Conduct 1.049340 2.024855 0.518 0.604

L38.Water 0.532309 2.393470 0.222 0.824

L38.Temp -0.120167 1.696150 -0.071 0.944

L38.Precip. horaria -0.003707 0.003231 -1.147 0.251

L38.Temp. prom aire -0.000223 0.000328 -0.681 0.496

L39.Conduct -0.399691 1.693611 -0.236 0.813

L39.Water -0.875438 2.024511 -0.432 0.665

L39.Temp 0.506878 1.439828 0.352 0.725

L39.Precip. horaria 0.002305 0.003430 0.672 0.502

L39.Temp. prom aire 0.000232 0.000330 0.703 0.482

L40.Conduct -0.200213 1.290655 -0.155 0.877

L40.Water 0.376334 1.588077 0.237 0.813

L40.Temp -0.765217 1.213213 -0.631 0.528

L40.Precip. horaria -0.001491 0.003298 -0.452 0.651

L40.Temp. prom aire -0.000219 0.000323 -0.677 0.499

L41.Conduct 0.458643 0.912887 0.502 0.615

L41.Water 0.051648 1.245322 0.041 0.967

L41.Temp 0.739922 1.140555 0.649 0.517

L41.Precip. horaria -0.000268 0.003263 -0.082 0.935

L41.Temp. prom aire 0.000373 0.000325 1.146 0.252

L42.Conduct -0.355582 0.647633 -0.549 0.583

L42.Water -0.094502 1.063257 -0.089 0.929

L42.Temp -0.496406 1.143896 -0.434 0.664

L42.Precip. horaria -0.003513 0.003341 -1.052 0.293

L42.Temp. prom aire -0.000094 0.000322 -0.293 0.770

L43.Conduct 0.196238 0.534676 0.367 0.714

L43.Water 0.159338 0.998353 0.160 0.873

L43.Temp 0.146410 1.129856 0.130 0.897

L43.Precip. horaria 0.005204 0.003763 1.383 0.167

L43.Temp. prom aire 0.000262 0.000326 0.804 0.422

L44.Conduct -0.091897 0.510800 -0.180 0.857

L44.Water -0.539429 0.968547 -0.557 0.578

L44.Temp 0.171412 1.069765 0.160 0.873

L44.Precip. horaria -0.002371 0.003846 -0.617 0.538

L44.Temp. prom aire -0.000219 0.000332 -0.661 0.509

L45.Conduct -0.098031 0.470487 -0.208 0.835

L45.Water 1.110382 0.887404 1.251 0.211

L45.Temp -0.286220 0.920391 -0.311 0.756

L45.Precip. horaria 0.004615 0.003931 1.174 0.240

L45.Temp. prom aire 0.000009 0.000330 0.028 0.978

L46.Conduct 0.291426 0.367841 0.792 0.428

L46.Water -1.343959 0.674374 -1.993 0.046

L46.Temp 0.171595 0.644409 0.266 0.790

L46.Precip. horaria 0.001483 0.004091 0.363 0.717

L46.Temp. prom aire 0.000133 0.000330 0.402 0.688

L47.Conduct -0.240356 0.196324 -1.224 0.221

L47.Water 0.860721 0.343360 2.507 0.012

L47.Temp -0.029524 0.306349 -0.096 0.923

L47.Precip. horaria 0.003756 0.003966 0.947 0.344

L47.Temp. prom aire 0.000307 0.000331 0.929 0.353

L48.Conduct 0.067653 0.048363 1.399 0.162

L48.Water -0.222699 0.081190 -2.743 0.006

L48.Temp -0.006879 0.069720 -0.099 0.921

L48.Precip. horaria -0.004485 0.003895 -1.151 0.250

L48.Temp. prom aire -0.000222 0.000292 -0.760 0.447

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.016077 0.010420 1.543 0.123

L1.Conduct 0.376751 0.098244 3.835 0.000

L1.Water -0.556581 0.160137 -3.476 0.001

L1.Temp 4.147879 0.074764 55.479 0.000

L1.Precip. horaria -0.006225 0.003010 -2.068 0.039

L1.Temp. prom aire 0.000420 0.000275 1.530 0.126

L2.Conduct -1.898740 0.438818 -4.327 0.000

L2.Water 2.634202 0.684210 3.850 0.000

L2.Temp -7.575207 0.324699 -23.330 0.000

L2.Precip. horaria 0.000820 0.003058 0.268 0.788

L2.Temp. prom aire 0.000147 0.000295 0.499 0.617

L3.Conduct 4.383260 0.951214 4.608 0.000

L3.Water -5.792384 1.413834 -4.097 0.000

L3.Temp 8.367695 0.675066 12.395 0.000

L3.Precip. horaria 0.004726 0.002966 1.593 0.111

L3.Temp. prom aire -0.000535 0.000288 -1.856 0.063

L4.Conduct -6.188176 1.408177 -4.394 0.000

L4.Water 7.799248 2.002642 3.894 0.000

L4.Temp -6.617753 0.952607 -6.947 0.000

L4.Precip. horaria 0.000339 0.003125 0.109 0.914

L4.Temp. prom aire -0.000311 0.000288 -1.079 0.281

L5.Conduct 6.253988 1.676128 3.731 0.000

L5.Water -7.275524 2.306958 -3.154 0.002

L5.Temp 4.350322 1.094522 3.975 0.000

L5.Precip. horaria 0.001965 0.003095 0.635 0.525

L5.Temp. prom aire 0.000197 0.000287 0.687 0.492

L6.Conduct -5.504884 1.791192 -3.073 0.002

L6.Water 5.740394 2.413202 2.379 0.017

L6.Temp -2.767383 1.158568 -2.389 0.017

L6.Precip. horaria -0.004688 0.003057 -1.534 0.125

L6.Temp. prom aire -0.000036 0.000296 -0.122 0.903

L7.Conduct 4.919050 1.864688 2.638 0.008

L7.Water -5.074240 2.469419 -2.055 0.040

L7.Temp 0.671308 1.216535 0.552 0.581

L7.Precip. horaria 0.002634 0.003108 0.847 0.397

L7.Temp. prom aire 0.000414 0.000307 1.350 0.177

L8.Conduct -3.528493 1.920455 -1.837 0.066

L8.Water 4.046956 2.527086 1.601 0.109

L8.Temp 3.423144 1.279011 2.676 0.007

L8.Precip. horaria -0.004570 0.003116 -1.467 0.142

L8.Temp. prom aire -0.000358 0.000309 -1.159 0.247

L9.Conduct 0.000660 1.953696 0.000 1.000

L9.Water -0.455001 2.623392 -0.173 0.862

L9.Temp -7.533479 1.379392 -5.461 0.000

L9.Precip. horaria 0.008757 0.003136 2.792 0.005

L9.Temp. prom aire 0.000103 0.000310 0.333 0.739

L10.Conduct 4.799432 2.088158 2.298 0.022

L10.Water -4.985492 2.881510 -1.730 0.084

L10.Temp 8.734375 1.592947 5.483 0.000

L10.Precip. horaria -0.008583 0.003265 -2.629 0.009

L10.Temp. prom aire -0.000142 0.000310 -0.460 0.646

L11.Conduct -8.298407 2.349219 -3.532 0.000

L11.Water 9.226588 3.229445 2.857 0.004

L11.Temp -6.987610 1.825590 -3.828 0.000

L11.Precip. horaria 0.007407 0.003365 2.201 0.028

L11.Temp. prom aire -0.000028 0.000304 -0.092 0.927

L12.Conduct 8.884124 2.606578 3.408 0.001

L12.Water -10.018545 3.509681 -2.855 0.004

L12.Temp 4.618332 1.948120 2.371 0.018

L12.Precip. horaria -0.009593 0.003365 -2.851 0.004

L12.Temp. prom aire -0.000626 0.000302 -2.076 0.038

L13.Conduct -7.445400 2.800686 -2.658 0.008

L13.Water 8.195720 3.696365 2.217 0.027

L13.Temp -3.988914 1.980696 -2.014 0.044

L13.Precip. horaria 0.007019 0.003385 2.074 0.038

L13.Temp. prom aire -0.000071 0.000299 -0.239 0.811

L14.Conduct 5.930228 2.961054 2.003 0.045

L14.Water -6.306155 3.832874 -1.645 0.100

L14.Temp 3.849032 2.022047 1.904 0.057

L14.Precip. horaria -0.003155 0.003346 -0.943 0.346

L14.Temp. prom aire -0.000156 0.000293 -0.532 0.595

L15.Conduct -4.697224 3.060637 -1.535 0.125

L15.Water 4.800881 3.897560 1.232 0.218

L15.Temp -0.904663 2.090014 -0.433 0.665

L15.Precip. horaria 0.008090 0.003403 2.377 0.017

L15.Temp. prom aire 0.000062 0.000295 0.212 0.832

L16.Conduct 2.591108 3.028191 0.856 0.392

L16.Water -2.033435 3.806975 -0.534 0.593

L16.Temp -4.075701 2.122707 -1.920 0.055

L16.Precip. horaria -0.005608 0.003438 -1.631 0.103

L16.Temp. prom aire -0.000154 0.000294 -0.524 0.600

L17.Conduct 0.556105 2.930167 0.190 0.849

L17.Water -2.339307 3.666396 -0.638 0.523

L17.Temp 7.439115 2.155416 3.451 0.001

L17.Precip. horaria 0.004432 0.003358 1.320 0.187

L17.Temp. prom aire 0.000062 0.000294 0.212 0.832

L18.Conduct -3.055698 2.885880 -1.059 0.290

L18.Water 6.001113 3.619769 1.658 0.097

L18.Temp -7.541874 2.252523 -3.348 0.001

L18.Precip. horaria -0.004344 0.003327 -1.306 0.192

L18.Temp. prom aire -0.000084 0.000299 -0.283 0.777

L19.Conduct 3.737406 2.913447 1.283 0.200

L19.Water -6.949805 3.683224 -1.887 0.059

L19.Temp 6.259704 2.351184 2.662 0.008

L19.Precip. horaria 0.005870 0.003288 1.785 0.074

L19.Temp. prom aire 0.000334 0.000296 1.129 0.259

L20.Conduct -4.079846 2.931478 -1.392 0.164

L20.Water 6.902477 3.745444 1.843 0.065

L20.Temp -6.448595 2.400850 -2.686 0.007

L20.Precip. horaria -0.002581 0.003321 -0.777 0.437

L20.Temp. prom aire -0.000079 0.000294 -0.267 0.789

L21.Conduct 6.003598 2.980445 2.014 0.044

L21.Water -8.652485 3.814292 -2.268 0.023

L21.Temp 6.977632 2.458621 2.838 0.005

L21.Precip. horaria 0.001792 0.003239 0.553 0.580

L21.Temp. prom aire -0.000482 0.000296 -1.628 0.104

L22.Conduct -8.619753 3.169683 -2.719 0.007

L22.Water 11.566868 4.022098 2.876 0.004

L22.Temp -4.691089 2.552478 -1.838 0.066

L22.Precip. horaria 0.002592 0.003290 0.788 0.431

L22.Temp. prom aire 0.000245 0.000305 0.802 0.423

L23.Conduct 9.102225 3.390594 2.685 0.007

L23.Water -12.210511 4.244136 -2.877 0.004

L23.Temp 0.075308 2.595104 0.029 0.977

L23.Precip. horaria -0.003648 0.003160 -1.154 0.248

L23.Temp. prom aire -0.000218 0.000317 -0.686 0.493

L24.Conduct -6.052381 3.509611 -1.725 0.085

L24.Water 8.340525 4.364853 1.911 0.056

L24.Temp 3.794850 2.570218 1.476 0.140

L24.Precip. horaria -0.000820 0.003251 -0.252 0.801

L24.Temp. prom aire -0.000105 0.000327 -0.320 0.749

L25.Conduct 1.054687 3.498198 0.301 0.763

L25.Water -1.688623 4.362007 -0.387 0.699

L25.Temp -4.616905 2.573644 -1.794 0.073

L25.Precip. horaria -0.000369 0.003223 -0.114 0.909

L25.Temp. prom aire 0.000305 0.000327 0.933 0.351

L26.Conduct 3.293809 3.384332 0.973 0.330

L26.Water -4.322579 4.232479 -1.021 0.307

L26.Temp 3.252896 2.607911 1.247 0.212

L26.Precip. horaria 0.000579 0.003100 0.187 0.852

L26.Temp. prom aire -0.000395 0.000324 -1.219 0.223

L27.Conduct -6.026610 3.173526 -1.899 0.058

L27.Water 8.357857 3.936638 2.123 0.034

L27.Temp -3.005129 2.574916 -1.167 0.243

L27.Precip. horaria 0.000399 0.003109 0.128 0.898

L27.Temp. prom aire 0.000111 0.000325 0.343 0.732

L28.Conduct 7.510176 2.916893 2.575 0.010

L28.Water -10.648008 3.540382 -3.008 0.003

L28.Temp 4.237126 2.468064 1.717 0.086

L28.Precip. horaria 0.002672 0.003121 0.856 0.392

L28.Temp. prom aire 0.000204 0.000317 0.645 0.519

L29.Conduct -8.043876 2.774687 -2.899 0.004

L29.Water 11.599861 3.304673 3.510 0.000

L29.Temp -4.145562 2.380517 -1.741 0.082

L29.Precip. horaria 0.000635 0.003039 0.209 0.835

L29.Temp. prom aire 0.000221 0.000318 0.696 0.486

L30.Conduct 7.446934 2.767458 2.691 0.007

L30.Water -11.098902 3.296977 -3.366 0.001

L30.Temp 1.579666 2.316568 0.682 0.495

L30.Precip. horaria -0.001588 0.002962 -0.536 0.592

L30.Temp. prom aire 0.000260 0.000321 0.812 0.417

L31.Conduct -5.487674 2.739791 -2.003 0.045

L31.Water 8.577541 3.318821 2.585 0.010

L31.Temp 1.751067 2.225516 0.787 0.431

L31.Precip. horaria 0.005821 0.002973 1.958 0.050

L31.Temp. prom aire -0.000082 0.000329 -0.249 0.803

L32.Conduct 3.214954 2.620400 1.227 0.220

L32.Water -5.305849 3.242120 -1.637 0.102

L32.Temp -3.179172 2.148905 -1.479 0.139

L32.Precip. horaria -0.000820 0.002929 -0.280 0.780

L32.Temp. prom aire -0.000157 0.000328 -0.477 0.633

L33.Conduct -2.289717 2.514681 -0.911 0.363

L33.Water 3.395592 3.133435 1.084 0.279

L33.Temp 2.515628 2.135625 1.178 0.239

L33.Precip. horaria 0.002881 0.002928 0.984 0.325

L33.Temp. prom aire -0.000147 0.000324 -0.454 0.650

L34.Conduct 2.783225 2.496077 1.115 0.265

L34.Water -3.190520 3.045486 -1.048 0.295

L34.Temp -2.274465 2.121640 -1.072 0.284

L34.Precip. horaria -0.002486 0.002918 -0.852 0.394

L34.Temp. prom aire 0.000476 0.000321 1.485 0.138

L35.Conduct -3.532685 2.477702 -1.426 0.154

L35.Water 3.973074 2.921219 1.360 0.174

L35.Temp 3.089428 2.060074 1.500 0.134

L35.Precip. horaria 0.004447 0.002957 1.504 0.133

L35.Temp. prom aire 0.000334 0.000319 1.045 0.296

L36.Conduct 3.673498 2.417503 1.520 0.129

L36.Water -4.589157 2.801954 -1.638 0.101

L36.Temp -3.195605 1.985674 -1.609 0.108

L36.Precip. horaria -0.011886 0.002954 -4.024 0.000

L36.Temp. prom aire -0.000513 0.000322 -1.590 0.112

L37.Conduct -3.123237 2.284009 -1.367 0.171

L37.Water 4.215985 2.663482 1.583 0.113

L37.Temp 1.678690 1.890586 0.888 0.375

L37.Precip. horaria 0.015429 0.002964 5.206 0.000

L37.Temp. prom aire 0.000155 0.000332 0.466 0.641

L38.Conduct 2.271801 2.050527 1.108 0.268

L38.Water -3.009723 2.423816 -1.242 0.214

L38.Temp 0.571667 1.717655 0.333 0.739

L38.Precip. horaria -0.014179 0.003272 -4.333 0.000

L38.Temp. prom aire 0.000043 0.000332 0.128 0.898

L39.Conduct -1.183865 1.715084 -0.690 0.490

L39.Water 1.125896 2.050180 0.549 0.583

L39.Temp -1.765768 1.458083 -1.211 0.226

L39.Precip. horaria 0.002469 0.003474 0.711 0.477

L39.Temp. prom aire -0.000554 0.000334 -1.660 0.097

L40.Conduct -0.092013 1.307019 -0.070 0.944

L40.Water 0.849441 1.608212 0.528 0.597

L40.Temp 1.407698 1.228595 1.146 0.252

L40.Precip. horaria 0.005488 0.003339 1.644 0.100

L40.Temp. prom aire 0.000341 0.000327 1.041 0.298

L41.Conduct 0.829764 0.924461 0.898 0.369

L41.Water -1.766470 1.261111 -1.401 0.161

L41.Temp -0.841913 1.155016 -0.729 0.466

L41.Precip. horaria -0.003579 0.003304 -1.083 0.279

L41.Temp. prom aire -0.000253 0.000329 -0.769 0.442

L42.Conduct -0.807021 0.655844 -1.231 0.219

L42.Water 1.767660 1.076738 1.642 0.101

L42.Temp 0.836088 1.158399 0.722 0.470

L42.Precip. horaria 0.002584 0.003383 0.764 0.445

L42.Temp. prom aire -0.000643 0.000326 -1.969 0.049

L43.Conduct 0.672614 0.541455 1.242 0.214

L43.Water -1.782447 1.011011 -1.763 0.078

L43.Temp -0.833035 1.144181 -0.728 0.467

L43.Precip. horaria 0.001482 0.003811 0.389 0.697

L43.Temp. prom aire 0.000719 0.000330 2.181 0.029

L44.Conduct -0.704636 0.517276 -1.362 0.173

L44.Water 1.867605 0.980827 1.904 0.057

L44.Temp 0.274225 1.083329 0.253 0.800

L44.Precip. horaria -0.003013 0.003895 -0.774 0.439

L44.Temp. prom aire -0.000310 0.000336 -0.921 0.357

L45.Conduct 0.770983 0.476452 1.618 0.106

L45.Water -1.634224 0.898655 -1.819 0.069

L45.Temp 0.572299 0.932060 0.614 0.539

L45.Precip. horaria 0.005108 0.003980 1.283 0.199

L45.Temp. prom aire 0.000130 0.000334 0.389 0.697

L46.Conduct -0.696036 0.372504 -1.869 0.062

L46.Water 0.978454 0.682924 1.433 0.152

L46.Temp -0.862170 0.652579 -1.321 0.186

L46.Precip. horaria -0.002740 0.004143 -0.661 0.508

L46.Temp. prom aire 0.000213 0.000334 0.638 0.524

L47.Conduct 0.390326 0.198814 1.963 0.050

L47.Water -0.305159 0.347714 -0.878 0.380

L47.Temp 0.470645 0.310233 1.517 0.129

L47.Precip. horaria 0.003459 0.004017 0.861 0.389

L47.Temp. prom aire 0.000073 0.000335 0.217 0.828

L48.Conduct -0.093970 0.048976 -1.919 0.055

L48.Water 0.026333 0.082219 0.320 0.749

L48.Temp -0.093817 0.070604 -1.329 0.184

L48.Precip. horaria -0.000531 0.003945 -0.135 0.893

L48.Temp. prom aire 0.000060 0.000296 0.203 0.839

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.209644 0.251835 -0.832 0.405

L1.Conduct 0.640810 2.374345 0.270 0.787

L1.Water -2.870063 3.870149 -0.742 0.458

L1.Temp -0.023160 1.806883 -0.013 0.990

L1.Precip. horaria 0.196542 0.072741 2.702 0.007

L1.Temp. prom aire -0.007413 0.006644 -1.116 0.264

L2.Conduct -7.399438 10.605250 -0.698 0.485

L2.Water 18.934205 16.535815 1.145 0.252

L2.Temp -2.971929 7.847253 -0.379 0.705

L2.Precip. horaria 0.064181 0.073900 0.868 0.385

L2.Temp. prom aire 0.012224 0.007121 1.717 0.086

L3.Conduct 21.967920 22.988709 0.956 0.339

L3.Water -53.071536 34.169172 -1.553 0.120

L3.Temp 9.859675 16.314829 0.604 0.546

L3.Precip. horaria 0.311425 0.071675 4.345 0.000

L3.Temp. prom aire -0.008645 0.006964 -1.241 0.214

L4.Conduct -22.874576 34.032476 -0.672 0.501

L4.Water 79.604573 48.399345 1.645 0.100

L4.Temp -13.046496 23.022370 -0.567 0.571

L4.Precip. horaria -0.266635 0.075516 -3.531 0.000

L4.Temp. prom aire -0.002885 0.006971 -0.414 0.679

L5.Conduct -16.799380 40.508233 -0.415 0.678

L5.Water -50.382270 55.753966 -0.904 0.366

L5.Temp 8.635045 26.452122 0.326 0.744

L5.Precip. horaria 0.038219 0.074805 0.511 0.609

L5.Temp. prom aire -0.006691 0.006937 -0.965 0.335

L6.Conduct 84.035200 43.289066 1.941 0.052

L6.Water -37.512821 58.321644 -0.643 0.520

L6.Temp 2.844619 27.999990 0.102 0.919

L6.Precip. horaria -0.195560 0.073883 -2.647 0.008

L6.Temp. prom aire -0.008310 0.007148 -1.163 0.245

L7.Conduct -129.256625 45.065318 -2.868 0.004

L7.Water 116.708147 59.680300 1.956 0.051

L7.Temp -24.584653 29.400910 -0.836 0.403

L7.Precip. horaria 0.244044 0.075113 3.249 0.001

L7.Temp. prom aire 0.008840 0.007418 1.192 0.233

L8.Conduct 125.361110 46.413069 2.701 0.007

L8.Water -141.167608 61.073967 -2.311 0.021

L8.Temp 53.278006 30.910823 1.724 0.085

L8.Precip. horaria -0.117481 0.075308 -1.560 0.119

L8.Temp. prom aire 0.002522 0.007467 0.338 0.736

L9.Conduct -87.122881 47.216437 -1.845 0.065

L9.Water 123.731230 63.401474 1.952 0.051

L9.Temp -76.521035 33.336785 -2.295 0.022

L9.Precip. horaria 0.050330 0.075798 0.664 0.507

L9.Temp. prom aire 0.001788 0.007503 0.238 0.812

L10.Conduct 23.311397 50.466081 0.462 0.644

L10.Water -62.567907 69.639606 -0.898 0.369

L10.Temp 82.178561 38.497932 2.135 0.033

L10.Precip. horaria -0.131089 0.078910 -1.661 0.097

L10.Temp. prom aire 0.001599 0.007490 0.213 0.831

L11.Conduct 70.624664 56.775331 1.244 0.214

L11.Water -56.191271 78.048406 -0.720 0.472

L11.Temp -68.176327 44.120402 -1.545 0.122

L11.Precip. horaria -0.124274 0.081316 -1.528 0.126

L11.Temp. prom aire -0.009864 0.007343 -1.343 0.179

L12.Conduct -164.851744 62.995115 -2.617 0.009

L12.Water 182.314827 84.821086 2.149 0.032

L12.Temp 48.025247 47.081665 1.020 0.308

L12.Precip. horaria -0.108896 0.081330 -1.339 0.181

L12.Temp. prom aire 0.005653 0.007288 0.776 0.438

L13.Conduct 212.462862 67.686278 3.139 0.002

L13.Water -240.310192 89.332822 -2.690 0.007

L13.Temp -30.375465 47.868960 -0.635 0.526

L13.Precip. horaria 0.033381 0.081807 0.408 0.683

L13.Temp. prom aire 0.001278 0.007233 0.177 0.860

L14.Conduct -206.092312 71.561996 -2.880 0.004

L14.Water 229.015186 92.631926 2.472 0.013

L14.Temp 6.485641 48.868318 0.133 0.894

L14.Precip. horaria 0.157442 0.080856 1.947 0.052

L14.Temp. prom aire -0.003677 0.007078 -0.519 0.603

L15.Conduct 173.202040 73.968703 2.342 0.019

L15.Water -196.943332 94.195233 -2.091 0.037

L15.Temp 26.220288 50.510930 0.519 0.604

L15.Precip. horaria -0.082961 0.082244 -1.009 0.313

L15.Temp. prom aire -0.000095 0.007137 -0.013 0.989

L16.Conduct -132.560845 73.184541 -1.811 0.070

L16.Water 157.981243 92.006005 1.717 0.086

L16.Temp -57.657892 51.301034 -1.124 0.261

L16.Precip. horaria 0.004172 0.083093 0.050 0.960

L16.Temp. prom aire -0.002951 0.007112 -0.415 0.678

L17.Conduct 74.822152 70.815524 1.057 0.291

L17.Water -85.705887 88.608519 -0.967 0.333

L17.Temp 78.089733 52.091536 1.499 0.134

L17.Precip. horaria -0.154797 0.081157 -1.907 0.056

L17.Temp. prom aire 0.005303 0.007104 0.746 0.455

L18.Conduct -0.105577 69.745220 -0.002 0.999

L18.Water -21.746963 87.481653 -0.249 0.804

L18.Temp -83.361569 54.438399 -1.531 0.126

L18.Precip. horaria 0.178384 0.080413 2.218 0.027

L18.Temp. prom aire 0.014678 0.007217 2.034 0.042

L19.Conduct -62.195536 70.411457 -0.883 0.377

L19.Water 113.023033 89.015224 1.270 0.204

L19.Temp 82.868327 56.822808 1.458 0.145

L19.Precip. horaria 0.031843 0.079465 0.401 0.689

L19.Temp. prom aire -0.008673 0.007158 -1.212 0.226

L20.Conduct 98.071843 70.847217 1.384 0.166

L20.Water -154.558225 90.518932 -1.707 0.088

L20.Temp -84.697721 58.023146 -1.460 0.144

L20.Precip. horaria 0.077126 0.080266 0.961 0.337

L20.Temp. prom aire 0.004565 0.007109 0.642 0.521

L21.Conduct -120.180763 72.030648 -1.668 0.095

L21.Water 172.314426 92.182831 1.869 0.062

L21.Temp 76.090366 59.419341 1.281 0.200

L21.Precip. horaria -0.212408 0.078283 -2.713 0.007

L21.Temp. prom aire 0.015961 0.007164 2.228 0.026

L22.Conduct 148.199129 76.604087 1.935 0.053

L22.Water -203.212129 97.205051 -2.091 0.037

L22.Temp -46.155262 61.687641 -0.748 0.454

L22.Precip. horaria 0.004224 0.079512 0.053 0.958

L22.Temp. prom aire -0.007322 0.007380 -0.992 0.321

L23.Conduct -186.772854 81.943023 -2.279 0.023

L23.Water 249.489417 102.571199 2.432 0.015

L23.Temp 3.182274 62.717827 0.051 0.960

L23.Precip. horaria -0.231523 0.076376 -3.031 0.002

L23.Temp. prom aire 0.008377 0.007670 1.092 0.275

L24.Conduct 203.567735 84.819395 2.400 0.016

L24.Water -268.906030 105.488659 -2.549 0.011

L24.Temp 36.360311 62.116368 0.585 0.558

L24.Precip. horaria -0.028095 0.078580 -0.358 0.721

L24.Temp. prom aire 0.001987 0.007901 0.251 0.801

L25.Conduct -176.584432 84.543559 -2.089 0.037

L25.Water 229.292699 105.419888 2.175 0.030

L25.Temp -61.821730 62.199177 -0.994 0.320

L25.Precip. horaria -0.062686 0.077891 -0.805 0.421

L25.Temp. prom aire -0.018134 0.007912 -2.292 0.022

L26.Conduct 132.370595 81.791680 1.618 0.106

L26.Water -167.924836 102.289483 -1.642 0.101

L26.Temp 76.443729 63.027324 1.213 0.225

L26.Precip. horaria -0.059119 0.074923 -0.789 0.430

L26.Temp. prom aire 0.011503 0.007826 1.470 0.142

L27.Conduct -100.167921 76.696976 -1.306 0.192

L27.Water 130.683629 95.139663 1.374 0.170

L27.Temp -82.569150 62.229926 -1.327 0.185

L27.Precip. horaria -0.004118 0.075126 -0.055 0.956

L27.Temp. prom aire -0.003239 0.007844 -0.413 0.680

L28.Conduct 66.714299 70.494735 0.946 0.344

L28.Water -86.951407 85.563055 -1.016 0.310

L28.Temp 73.652469 59.647555 1.235 0.217

L28.Precip. horaria -0.061867 0.075416 -0.820 0.412

L28.Temp. prom aire 0.004370 0.007649 0.571 0.568

L29.Conduct 2.185958 67.057930 0.033 0.974

L29.Water -14.260841 79.866488 -0.179 0.858

L29.Temp -49.019232 57.531722 -0.852 0.394

L29.Precip. horaria 0.011100 0.073450 0.151 0.880

L29.Temp. prom aire 0.000818 0.007684 0.107 0.915

L30.Conduct -85.879586 66.883232 -1.284 0.199

L30.Water 137.770756 79.680505 1.729 0.084

L30.Temp 14.743084 55.986237 0.263 0.792

L30.Precip. horaria 0.038286 0.071595 0.535 0.593

L30.Temp. prom aire -0.020076 0.007756 -2.588 0.010

L31.Conduct 122.994478 66.214571 1.858 0.063

L31.Water -196.964756 80.208414 -2.456 0.014

L31.Temp 17.303352 53.785719 0.322 0.748

L31.Precip. horaria -0.104575 0.071842 -1.456 0.145

L31.Temp. prom aire 0.014707 0.007954 1.849 0.064

L32.Conduct -107.669782 63.329152 -1.700 0.089

L32.Water 169.495026 78.354730 2.163 0.031

L32.Temp -32.739218 51.934183 -0.630 0.528

L32.Precip. horaria -0.009315 0.070778 -0.132 0.895

L32.Temp. prom aire -0.001019 0.007929 -0.129 0.898

L33.Conduct 74.138192 60.774175 1.220 0.223

L33.Water -105.891833 75.728061 -1.398 0.162

L33.Temp 35.455603 51.613234 0.687 0.492

L33.Precip. horaria 0.096485 0.070754 1.364 0.173

L33.Temp. prom aire 0.002882 0.007842 0.367 0.713

L34.Conduct -43.294680 60.324568 -0.718 0.473

L34.Water 54.903868 73.602526 0.746 0.456

L34.Temp -41.347339 51.275247 -0.806 0.420

L34.Precip. horaria -0.101612 0.070531 -1.441 0.150

L34.Temp. prom aire -0.001019 0.007753 -0.131 0.895

L35.Conduct 31.386841 59.880467 0.524 0.600

L35.Water -32.352921 70.599284 -0.458 0.647

L35.Temp 53.714253 49.787357 1.079 0.281

L35.Precip. horaria -0.157032 0.071470 -2.197 0.028

L35.Temp. prom aire -0.006014 0.007717 -0.779 0.436

L36.Conduct -44.483642 58.425601 -0.761 0.446

L36.Water 38.370961 67.716919 0.567 0.571

L36.Temp -63.267412 47.989255 -1.318 0.187

L36.Precip. horaria 0.078657 0.071390 1.102 0.271

L36.Temp. prom aire -0.013512 0.007792 -1.734 0.083

L37.Conduct 72.091506 55.199353 1.306 0.192

L37.Water -63.740262 64.370366 -0.990 0.322

L37.Temp 60.427550 45.691213 1.323 0.186

L37.Precip. horaria -0.157751 0.071627 -2.202 0.028

L37.Temp. prom aire 0.012118 0.008013 1.512 0.130

L38.Conduct -92.686357 49.556629 -1.870 0.061

L38.Water 85.872976 58.578173 1.466 0.143

L38.Temp -46.895488 41.511847 -1.130 0.259

L38.Precip. horaria -0.019647 0.079076 -0.248 0.804

L38.Temp. prom aire -0.010594 0.008026 -1.320 0.187

L39.Conduct 86.857426 41.449723 2.095 0.036

L39.Water -87.978898 49.548224 -1.776 0.076

L39.Temp 32.090399 35.238592 0.911 0.362

L39.Precip. horaria -0.010515 0.083949 -0.125 0.900

L39.Temp. prom aire 0.007447 0.008070 0.923 0.356

L40.Conduct -61.192988 31.587698 -1.937 0.053

L40.Water 70.419282 38.866852 1.812 0.070

L40.Temp -17.678301 29.692369 -0.595 0.552

L40.Precip. horaria 0.055206 0.080707 0.684 0.494

L40.Temp. prom aire -0.022664 0.007914 -2.864 0.004

L41.Conduct 32.067200 22.342140 1.435 0.151

L41.Water -37.862284 30.478211 -1.242 0.214

L41.Temp 1.281544 27.914132 0.046 0.963

L41.Precip. horaria -0.072441 0.079850 -0.907 0.364

L41.Temp. prom aire 0.018591 0.007958 2.336 0.019

L42.Conduct -10.097017 15.850280 -0.637 0.524

L42.Water 5.673386 26.022328 0.218 0.827

L42.Temp 15.258712 27.995897 0.545 0.586

L42.Precip. horaria 0.061309 0.081757 0.750 0.453

L42.Temp. prom aire 0.009868 0.007889 1.251 0.211

L43.Conduct 5.343465 13.085753 0.408 0.683

L43.Water 6.086419 24.433846 0.249 0.803

L43.Temp -26.584355 27.652269 -0.961 0.336

L43.Precip. horaria -0.180584 0.092099 -1.961 0.050

L43.Temp. prom aire -0.009675 0.007967 -1.214 0.225

L44.Conduct -9.729366 12.501406 -0.778 0.436

L44.Water -1.250523 23.704388 -0.053 0.958

L44.Temp 25.540079 26.181610 0.975 0.329

L44.Precip. horaria 0.088621 0.094130 0.941 0.346

L44.Temp. prom aire 0.002258 0.008127 0.278 0.781

L45.Conduct 7.657700 11.514771 0.665 0.506

L45.Water -2.300619 21.718473 -0.106 0.916

L45.Temp -14.885786 22.525790 -0.661 0.509

L45.Precip. horaria -0.154727 0.096200 -1.608 0.108

L45.Temp. prom aire -0.010396 0.008077 -1.287 0.198

L46.Conduct -2.276373 9.002593 -0.253 0.800

L46.Water -0.230160 16.504739 -0.014 0.989

L46.Temp 6.212239 15.771364 0.394 0.694

L46.Precip. horaria 0.079722 0.100126 0.796 0.426

L46.Temp. prom aire 0.002386 0.008071 0.296 0.768

L47.Conduct 0.458470 4.804876 0.095 0.924

L47.Water 1.995963 8.403457 0.238 0.812

L47.Temp -2.539558 7.497637 -0.339 0.735

L47.Precip. horaria -0.255912 0.097076 -2.636 0.008

L47.Temp. prom aire 0.001657 0.008098 0.205 0.838

L48.Conduct -0.233396 1.183644 -0.197 0.844

L48.Water -0.835986 1.987049 -0.421 0.674

L48.Temp 0.688537 1.706331 0.404 0.687

L48.Precip. horaria 0.166131 0.095339 1.743 0.081

L48.Temp. prom aire -0.000118 0.007157 -0.016 0.987

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 4.414577 2.704010 1.633 0.103

L1.Conduct -14.205144 25.493932 -0.557 0.577

L1.Water 19.509933 41.554760 0.469 0.639

L1.Temp 13.499694 19.400951 0.696 0.487

L1.Precip. horaria 0.502516 0.781037 0.643 0.520

L1.Temp. prom aire 0.343770 0.071333 4.819 0.000

L2.Conduct 25.603846 113.871225 0.225 0.822

L2.Water -39.005024 177.549184 -0.220 0.826

L2.Temp -65.417312 84.257922 -0.776 0.438

L2.Precip. horaria -0.417976 0.793481 -0.527 0.598

L2.Temp. prom aire 0.101467 0.076463 1.327 0.185

L3.Conduct 46.381382 246.835517 0.188 0.851

L3.Water -59.574518 366.882943 -0.162 0.871

L3.Temp 137.446809 175.176397 0.785 0.433

L3.Precip. horaria -0.675160 0.769590 -0.877 0.380

L3.Temp. prom aire -0.004294 0.074770 -0.057 0.954

L4.Conduct -193.912477 365.415206 -0.531 0.596

L4.Water 285.680666 519.675874 0.550 0.583

L4.Temp -127.478678 247.196942 -0.516 0.606

L4.Precip. horaria -0.650438 0.810836 -0.802 0.422

L4.Temp. prom aire 0.061219 0.074844 0.818 0.413

L5.Conduct 293.235634 434.947036 0.674 0.500

L5.Water -470.727725 598.644278 -0.786 0.432

L5.Temp 21.066928 284.023051 0.074 0.941

L5.Precip. horaria -0.116325 0.803196 -0.145 0.885

L5.Temp. prom aire -0.038494 0.074481 -0.517 0.605

L6.Conduct -252.799270 464.805527 -0.544 0.587

L6.Water 465.706194 626.214082 0.744 0.457

L6.Temp -7.316652 300.642893 -0.024 0.981

L6.Precip. horaria -0.853242 0.793305 -1.076 0.282

L6.Temp. prom aire -0.056583 0.076745 -0.737 0.461

L7.Conduct 112.388666 483.877591 0.232 0.816

L7.Water -289.660515 640.802307 -0.452 0.651

L7.Temp 141.518491 315.684926 0.448 0.654

L7.Precip. horaria 0.854031 0.806510 1.059 0.290

L7.Temp. prom aire 0.185727 0.079647 2.332 0.020

L8.Conduct -73.968042 498.348730 -0.148 0.882

L8.Water 221.365447 655.766458 0.338 0.736

L8.Temp -183.025407 331.897236 -0.551 0.581

L8.Precip. horaria -0.607857 0.808597 -0.752 0.452

L8.Temp. prom aire -0.093021 0.080180 -1.160 0.246

L9.Conduct 174.245592 506.974690 0.344 0.731

L9.Water -373.904103 680.757482 -0.549 0.583

L9.Temp 4.428544 357.945404 0.012 0.990

L9.Precip. horaria 0.442621 0.813858 0.544 0.587

L9.Temp. prom aire -0.092741 0.080561 -1.151 0.250

L10.Conduct -160.284476 541.866934 -0.296 0.767

L10.Water 448.704259 747.737873 0.600 0.548

L10.Temp 230.914873 413.361929 0.559 0.576

L10.Precip. horaria -0.131396 0.847277 -0.155 0.877

L10.Temp. prom aire -0.069155 0.080426 -0.860 0.390

L11.Conduct -36.465365 609.610936 -0.060 0.952

L11.Water -309.664866 838.025254 -0.370 0.712

L11.Temp -342.396954 473.731794 -0.723 0.470

L11.Precip. horaria 2.402356 0.873112 2.751 0.006

L11.Temp. prom aire -0.066271 0.078846 -0.841 0.401

L12.Conduct 233.699376 676.394302 0.346 0.730

L12.Water 85.914759 910.745220 0.094 0.925

L12.Temp 322.648647 505.527619 0.638 0.523

L12.Precip. horaria -1.089383 0.873263 -1.247 0.212

L12.Temp. prom aire -0.009753 0.078258 -0.125 0.901

L13.Conduct -270.205985 726.764500 -0.372 0.710

L13.Water 52.651521 959.188852 0.055 0.956

L13.Temp -302.119775 513.981001 -0.588 0.557

L13.Precip. horaria 0.356528 0.878385 0.406 0.685

L13.Temp. prom aire 0.080891 0.077658 1.042 0.298

L14.Conduct 167.220171 768.379056 0.218 0.828

L14.Water -36.415125 994.612160 -0.037 0.971

L14.Temp 366.205673 524.711355 0.698 0.485

L14.Precip. horaria -1.022241 0.868173 -1.177 0.239

L14.Temp. prom aire 0.063271 0.075998 0.833 0.405

L15.Conduct -133.611104 794.220464 -0.168 0.866

L15.Water 49.100431 1011.397779 0.049 0.961

L15.Temp -446.489234 542.348489 -0.823 0.410

L15.Precip. horaria 0.523563 0.883074 0.593 0.553

L15.Temp. prom aire -0.066029 0.076636 -0.862 0.389

L16.Conduct 208.163830 785.800726 0.265 0.791

L16.Water -175.195520 987.891487 -0.177 0.859

L16.Temp 408.655988 550.832033 0.742 0.458

L16.Precip. horaria -1.553282 0.892191 -1.741 0.082

L16.Temp. prom aire -0.068793 0.076366 -0.901 0.368

L17.Conduct -218.371554 760.363989 -0.287 0.774

L17.Water 260.763931 951.411828 0.274 0.784

L17.Temp -197.321589 559.319851 -0.353 0.724

L17.Precip. horaria 1.006172 0.871400 1.155 0.248

L17.Temp. prom aire 0.182713 0.076281 2.395 0.017

L18.Conduct 87.191539 748.871871 0.116 0.907

L18.Water -134.061105 939.312387 -0.143 0.887

L18.Temp -33.761298 584.518710 -0.058 0.954

L18.Precip. horaria -0.018573 0.863413 -0.022 0.983

L18.Temp. prom aire -0.044209 0.077496 -0.570 0.568

L19.Conduct 122.446377 756.025429 0.162 0.871

L19.Water -241.717738 955.778730 -0.253 0.800

L19.Temp 103.431771 610.120698 0.170 0.865

L19.Precip. horaria 0.538931 0.853240 0.632 0.528

L19.Temp. prom aire -0.113805 0.076857 -1.481 0.139

L20.Conduct -259.597663 760.704292 -0.341 0.733

L20.Water 569.335519 971.924418 0.586 0.558

L20.Temp -163.879588 623.009033 -0.263 0.793

L20.Precip. horaria 0.024577 0.861835 0.029 0.977

L20.Temp. prom aire -0.065900 0.076327 -0.863 0.388

L21.Conduct 316.618874 773.411082 0.409 0.682

L21.Water -633.190569 989.790114 -0.640 0.522

L21.Temp 462.956606 638.000323 0.726 0.468

L21.Precip. horaria 0.877594 0.840540 1.044 0.296

L21.Temp. prom aire 0.141825 0.076918 1.844 0.065

L22.Conduct -491.893590 822.517248 -0.598 0.550

L22.Water 659.598429 1043.714943 0.632 0.527

L22.Temp -851.207291 662.355629 -1.285 0.199

L22.Precip. horaria 0.184542 0.853738 0.216 0.829

L22.Temp. prom aire 0.039340 0.079242 0.496 0.620

L23.Conduct 791.188022 879.842732 0.899 0.369

L23.Water -807.829345 1101.332621 -0.734 0.463

L23.Temp 971.312200 673.416998 1.442 0.149

L23.Precip. horaria -0.013075 0.820072 -0.016 0.987

L23.Temp. prom aire 0.038061 0.082357 0.462 0.644

L24.Conduct -1011.062492 910.727063 -1.110 0.267

L24.Water 968.183919 1132.658118 0.855 0.393

L24.Temp -710.576606 666.958982 -1.065 0.287

L24.Precip. horaria 0.959846 0.843737 1.138 0.255

L24.Temp. prom aire -0.107695 0.084838 -1.269 0.204

L25.Conduct 1001.773558 907.765338 1.104 0.270

L25.Water -956.265743 1131.919709 -0.845 0.398

L25.Temp 285.104632 667.848123 0.427 0.669

L25.Precip. horaria -0.393717 0.836339 -0.471 0.638

L25.Temp. prom aire 0.030931 0.084949 0.364 0.716

L26.Conduct -708.780643 878.217725 -0.807 0.420

L26.Water 614.311985 1098.307769 0.559 0.576

L26.Temp -8.162795 676.740143 -0.012 0.990

L26.Precip. horaria 0.971591 0.804466 1.208 0.227

L26.Temp. prom aire -0.046667 0.084030 -0.555 0.579

L27.Conduct 272.439870 823.514611 0.331 0.741

L27.Water -61.401796 1021.538362 -0.060 0.952

L27.Temp -80.213028 668.178285 -0.120 0.904

L27.Precip. horaria -1.024128 0.806649 -1.270 0.204

L27.Temp. prom aire 0.029703 0.084222 0.353 0.724

L28.Conduct 66.825621 756.919599 0.088 0.930

L28.Water -347.901230 918.711921 -0.379 0.705

L28.Temp 213.020253 640.450719 0.333 0.739

L28.Precip. horaria -1.342524 0.809756 -1.658 0.097

L28.Temp. prom aire -0.103706 0.082131 -1.263 0.207

L29.Conduct -279.140067 720.017768 -0.388 0.698

L29.Water 471.363366 857.546461 0.550 0.583

L29.Temp -478.275573 617.732493 -0.774 0.439

L29.Precip. horaria -0.043741 0.788654 -0.055 0.956

L29.Temp. prom aire -0.109006 0.082501 -1.321 0.186

L30.Conduct 478.113470 718.141997 0.666 0.506

L30.Water -505.832733 855.549515 -0.591 0.554

L30.Temp 665.252704 601.138227 1.107 0.268

L30.Precip. horaria 0.703152 0.768736 0.915 0.360

L30.Temp. prom aire 0.021161 0.083281 0.254 0.799

L31.Conduct -679.736216 710.962409 -0.956 0.339

L31.Water 641.590639 861.217803 0.745 0.456

L31.Temp -551.362480 577.510718 -0.955 0.340

L31.Precip. horaria -0.916921 0.771390 -1.189 0.235

L31.Temp. prom aire -0.012447 0.085404 -0.146 0.884

L32.Conduct 778.468762 679.980946 1.145 0.252

L32.Water -760.030586 841.314333 -0.903 0.366

L32.Temp 254.819580 557.630315 0.457 0.648

L32.Precip. horaria 0.530132 0.759964 0.698 0.485

L32.Temp. prom aire -0.072690 0.085132 -0.854 0.393

L33.Conduct -748.601141 652.547521 -1.147 0.251

L33.Water 723.444807 813.111131 0.890 0.374

L33.Temp -114.678259 554.184202 -0.207 0.836

L33.Precip. horaria 0.584418 0.759702 0.769 0.442

L33.Temp. prom aire 0.260574 0.084205 3.095 0.002

L34.Conduct 742.245232 647.719976 1.146 0.252

L34.Water -657.896915 790.288728 -0.832 0.405

L34.Temp 155.934285 550.555153 0.283 0.777

L34.Precip. horaria -0.144927 0.757312 -0.191 0.848

L34.Temp. prom aire -0.054768 0.083245 -0.658 0.511

L35.Conduct -804.931462 642.951557 -1.252 0.211

L35.Water 633.282984 758.042172 0.835 0.403

L35.Temp -89.367903 534.579301 -0.167 0.867

L35.Precip. horaria -0.112209 0.767387 -0.146 0.884

L35.Temp. prom aire -0.143914 0.082860 -1.737 0.082

L36.Conduct 781.375115 627.330292 1.246 0.213

L36.Water -550.811361 727.093493 -0.758 0.449

L36.Temp -158.077305 515.272632 -0.307 0.759

L36.Precip. horaria 0.101762 0.766534 0.133 0.894

L36.Temp. prom aire 0.174968 0.083670 2.091 0.037

L37.Conduct -580.650671 592.689263 -0.980 0.327

L37.Water 344.623178 691.160721 0.499 0.618

L37.Temp 355.558104 490.597983 0.725 0.469

L37.Precip. horaria 0.784523 0.769072 1.020 0.308

L37.Temp. prom aire -0.076365 0.086033 -0.888 0.375

L38.Conduct 260.171533 532.101921 0.489 0.625

L38.Water -31.458908 628.968491 -0.050 0.960

L38.Temp -352.581874 445.723090 -0.791 0.429

L38.Precip. horaria 0.091825 0.849058 0.108 0.914

L38.Temp. prom aire -0.093405 0.086174 -1.084 0.278

L39.Conduct 58.444459 445.056043 0.131 0.896

L39.Water -285.542408 532.011675 -0.537 0.591

L39.Temp 251.559409 378.365581 0.665 0.506

L39.Precip. horaria 0.101758 0.901386 0.113 0.910

L39.Temp. prom aire 0.001493 0.086646 0.017 0.986

L40.Conduct -269.140137 339.165009 -0.794 0.427

L40.Water 484.983787 417.323108 1.162 0.245

L40.Temp -194.412807 318.814394 -0.610 0.542

L40.Precip. horaria 0.368997 0.866569 0.426 0.670

L40.Temp. prom aire -0.051308 0.084973 -0.604 0.546

L41.Conduct 332.997656 239.893151 1.388 0.165

L41.Water -487.548852 327.252173 -1.490 0.136

L41.Temp 156.848299 299.721016 0.523 0.601

L41.Precip. horaria 0.509342 0.857368 0.594 0.552

L41.Temp. prom aire 0.117921 0.085449 1.380 0.168

L42.Conduct -259.779089 170.188419 -1.526 0.127

L42.Water 289.951471 279.408245 1.038 0.299

L42.Temp -44.597432 300.598944 -0.148 0.882

L42.Precip. horaria -0.539475 0.877846 -0.615 0.539

L42.Temp. prom aire -0.052657 0.084709 -0.622 0.534

L43.Conduct 130.131250 140.505002 0.926 0.354

L43.Water -73.495004 262.352318 -0.280 0.779

L43.Temp -129.748452 296.909328 -0.437 0.662

L43.Precip. horaria -0.525661 0.988892 -0.532 0.595

L43.Temp. prom aire 0.028656 0.085541 0.335 0.738

L44.Conduct -42.478996 134.230723 -0.316 0.752

L44.Water 6.497912 254.519939 0.026 0.980

L44.Temp 250.683482 281.118494 0.892 0.373

L44.Precip. horaria -1.185858 1.010702 -1.173 0.241

L44.Temp. prom aire -0.000475 0.087263 -0.005 0.996

L45.Conduct 2.699223 123.636973 0.022 0.983

L45.Water -20.998767 233.196680 -0.090 0.928

L45.Temp -241.354064 241.865037 -0.998 0.318

L45.Precip. horaria 1.104549 1.032920 1.069 0.285

L45.Temp. prom aire 0.117167 0.086724 1.351 0.177

L46.Conduct 13.090702 96.663096 0.135 0.892

L46.Water 24.971319 177.215516 0.141 0.888

L46.Temp 145.352337 169.341085 0.858 0.391

L46.Precip. horaria -2.215656 1.075080 -2.061 0.039

L46.Temp. prom aire -0.143438 0.086657 -1.655 0.098

L47.Conduct -8.196733 51.591161 -0.159 0.874

L47.Water -19.063641 90.230025 -0.211 0.833

L47.Temp -52.289275 80.504003 -0.650 0.516

L47.Precip. horaria 1.126930 1.042327 1.081 0.280

L47.Temp. prom aire -0.046257 0.086947 -0.532 0.595

L48.Conduct 0.791166 12.709079 0.062 0.950

L48.Water 7.504396 21.335438 0.352 0.725

L48.Temp 8.342167 18.321307 0.455 0.649

L48.Precip. horaria 1.398375 1.023676 1.366 0.172

L48.Temp. prom aire -0.087953 0.076844 -1.145 0.252

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.877373 -0.212519 0.009082 0.042548

Water 0.877373 1.000000 -0.030985 -0.094136 -0.009166

Temp -0.212519 -0.030985 1.000000 -0.058151 -0.130830

Precip. horaria 0.009082 -0.094136 -0.058151 1.000000 0.105985

Temp. prom aire 0.042548 -0.009166 -0.130830 0.105985 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -19.4489

Nobs: 440.000 HQIC: -26.2258

Log likelihood: 4824.38 FPE: 9.67047e-14

AIC: -30.6411 Det(Omega\_mle): 1.08887e-14

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.068872 0.021726 3.170 0.002

L1.Conduct 4.245779 0.097012 43.765 0.000

L1.Water 1.060047 0.340343 3.115 0.002

L1.Temp -0.050964 0.176372 -0.289 0.773

L1.Precip. horaria 0.009417 0.006831 1.379 0.168

L1.Temp. prom aire -0.000380 0.000685 -0.555 0.579

L2.Conduct -8.277822 0.419644 -19.726 0.000

L2.Water -3.915282 1.539792 -2.543 0.011

L2.Temp 0.499523 0.772037 0.647 0.518

L2.Precip. horaria -0.018417 0.007010 -2.627 0.009

L2.Temp. prom aire -0.000557 0.000726 -0.767 0.443

L3.Conduct 10.525908 0.869077 12.112 0.000

L3.Water 4.893261 3.246401 1.507 0.132

L3.Temp -1.666842 1.621641 -1.028 0.304

L3.Precip. horaria -0.009665 0.006907 -1.399 0.162

L3.Temp. prom aire -0.000611 0.000712 -0.858 0.391

L4.Conduct -10.296115 1.237318 -8.321 0.000

L4.Water -0.349334 4.521957 -0.077 0.938

L4.Temp 2.977139 2.314393 1.286 0.198

L4.Precip. horaria -0.000600 0.007445 -0.081 0.936

L4.Temp. prom aire 0.000970 0.000718 1.352 0.176

L5.Conduct 7.987374 1.454161 5.493 0.000

L5.Water -5.473018 5.070569 -1.079 0.280

L5.Temp -3.451712 2.684684 -1.286 0.199

L5.Precip. horaria -0.004061 0.007122 -0.570 0.569

L5.Temp. prom aire -0.000251 0.000720 -0.348 0.728

L6.Conduct -4.036295 1.574443 -2.564 0.010

L6.Water 4.297941 5.284217 0.813 0.416

L6.Temp 2.814453 2.840656 0.991 0.322

L6.Precip. horaria -0.010186 0.007365 -1.383 0.167

L6.Temp. prom aire 0.001634 0.000721 2.266 0.023

L7.Conduct -1.916074 1.694494 -1.131 0.258

L7.Water 5.709264 5.636748 1.013 0.311

L7.Temp -1.059169 2.950235 -0.359 0.720

L7.Precip. horaria 0.020049 0.007392 2.712 0.007

L7.Temp. prom aire -0.001394 0.000730 -1.908 0.056

L8.Conduct 9.317920 1.843673 5.054 0.000

L8.Water -15.839886 6.265684 -2.528 0.011

L8.Temp -1.938458 3.097672 -0.626 0.531

L8.Precip. horaria 0.013543 0.007582 1.786 0.074

L8.Temp. prom aire 0.000341 0.000747 0.457 0.648

L9.Conduct -14.914977 2.038552 -7.316 0.000

L9.Water 17.797315 7.159068 2.486 0.013

L9.Temp 5.716513 3.404176 1.679 0.093

L9.Precip. horaria 0.014151 0.007821 1.809 0.070

L9.Temp. prom aire -0.000045 0.000750 -0.061 0.952

L10.Conduct 16.577664 2.289514 7.241 0.000

L10.Water -15.032742 8.270321 -1.818 0.069

L10.Temp -8.899782 4.012867 -2.218 0.027

L10.Precip. horaria -0.002870 0.007816 -0.367 0.713

L10.Temp. prom aire -0.001015 0.000764 -1.329 0.184

L11.Conduct -14.753967 2.525027 -5.843 0.000

L11.Water 13.827458 9.175321 1.507 0.132

L11.Temp 10.158536 4.638588 2.190 0.029

L11.Precip. horaria -0.017854 0.008120 -2.199 0.028

L11.Temp. prom aire 0.000152 0.000771 0.197 0.844

L12.Conduct 10.619024 2.726469 3.895 0.000

L12.Water -12.223747 9.723112 -1.257 0.209

L12.Temp -9.441075 4.966976 -1.901 0.057

L12.Precip. horaria -0.013105 0.008160 -1.606 0.108

L12.Temp. prom aire 0.000344 0.000777 0.443 0.658

L13.Conduct -5.997188 2.911124 -2.060 0.039

L13.Water 3.596432 10.206476 0.352 0.725

L13.Temp 7.458439 5.073287 1.470 0.142

L13.Precip. horaria 0.005508 0.008261 0.667 0.505

L13.Temp. prom aire 0.000715 0.000762 0.938 0.348

L14.Conduct 1.314935 3.089080 0.426 0.670

L14.Water 12.592168 10.895929 1.156 0.248

L14.Temp -4.442266 5.184418 -0.857 0.392

L14.Precip. horaria -0.005977 0.008019 -0.745 0.456

L14.Temp. prom aire 0.000548 0.000759 0.722 0.470

L15.Conduct 4.053784 3.206025 1.264 0.206

L15.Water -26.279128 11.570122 -2.271 0.023

L15.Temp 0.719634 5.347820 0.135 0.893

L15.Precip. horaria -0.004455 0.008010 -0.556 0.578

L15.Temp. prom aire 0.000281 0.000775 0.362 0.717

L16.Conduct -9.097399 3.191990 -2.850 0.004

L16.Water 29.966614 11.807168 2.538 0.011

L16.Temp 2.208217 5.447983 0.405 0.685

L16.Precip. horaria 0.012104 0.008203 1.476 0.140

L16.Temp. prom aire 0.001249 0.000745 1.678 0.093

L17.Conduct 12.459464 3.068432 4.061 0.000

L17.Water -27.533919 11.529971 -2.388 0.017

L17.Temp -3.099827 5.592307 -0.554 0.579

L17.Precip. horaria 0.009645 0.008104 1.190 0.234

L17.Temp. prom aire -0.000256 0.000748 -0.343 0.732

L18.Conduct -13.129970 2.981973 -4.403 0.000

L18.Water 23.967309 11.255031 2.129 0.033

L18.Temp 2.489379 5.921892 0.420 0.674

L18.Precip. horaria 0.018997 0.007809 2.433 0.015

L18.Temp. prom aire 0.000537 0.000731 0.734 0.463

L19.Conduct 11.301372 3.072321 3.678 0.000

L19.Water -18.193894 11.563057 -1.573 0.116

L19.Temp -1.745314 6.201926 -0.281 0.778

L19.Precip. horaria 0.019270 0.007616 2.530 0.011

L19.Temp. prom aire -0.000096 0.000728 -0.131 0.896

L20.Conduct -8.929335 3.256079 -2.742 0.006

L20.Water 6.295668 12.270233 0.513 0.608

L20.Temp 1.924014 6.307955 0.305 0.760

L20.Precip. horaria 0.017458 0.007993 2.184 0.029

L20.Temp. prom aire 0.000479 0.000714 0.671 0.502

L21.Conduct 6.042253 3.421007 1.766 0.077

L21.Water 10.258442 13.208185 0.777 0.437

L21.Temp -3.255461 6.354409 -0.512 0.608

L21.Precip. horaria -0.003169 0.008025 -0.395 0.693

L21.Temp. prom aire 0.000702 0.000724 0.970 0.332

L22.Conduct -1.364984 3.528475 -0.387 0.699

L22.Water -22.035006 14.291505 -1.542 0.123

L22.Temp 4.921535 6.405015 0.768 0.442

L22.Precip. horaria 0.003735 0.008417 0.444 0.657

L22.Temp. prom aire 0.000932 0.000745 1.251 0.211

L23.Conduct -4.287081 3.524249 -1.216 0.224

L23.Water 24.431481 14.937077 1.636 0.102

L23.Temp -6.132972 6.373398 -0.962 0.336

L23.Precip. horaria -0.003159 0.008380 -0.377 0.706

L23.Temp. prom aire -0.000477 0.000766 -0.623 0.533

L24.Conduct 9.007224 3.354021 2.685 0.007

L24.Water -24.584434 14.733633 -1.669 0.095

L24.Temp 7.073939 6.340438 1.116 0.265

L24.Precip. horaria 0.006491 0.008131 0.798 0.425

L24.Temp. prom aire 0.001671 0.000773 2.162 0.031

L25.Conduct -10.600491 3.091433 -3.429 0.001

L25.Water 28.983764 13.983243 2.073 0.038

L25.Temp -8.085089 6.557181 -1.233 0.218

L25.Precip. horaria 0.007157 0.007898 0.906 0.365

L25.Temp. prom aire -0.000678 0.000787 -0.861 0.389

L26.Conduct 8.354042 2.932742 2.849 0.004

L26.Water -33.171484 13.352747 -2.484 0.013

L26.Temp 8.424254 6.818676 1.235 0.217

L26.Precip. horaria -0.015768 0.008046 -1.960 0.050

L26.Temp. prom aire 0.000220 0.000785 0.281 0.779

L27.Conduct -4.453554 2.941623 -1.514 0.130

L27.Water 27.616646 13.046730 2.117 0.034

L27.Temp -6.816757 6.793072 -1.003 0.316

L27.Precip. horaria -0.000646 0.007804 -0.083 0.934

L27.Temp. prom aire -0.000079 0.000789 -0.100 0.920

L28.Conduct 0.792247 3.028200 0.262 0.794

L28.Water -11.816165 13.050092 -0.905 0.365

L28.Temp 3.498995 6.581537 0.532 0.595

L28.Precip. horaria -0.001507 0.007519 -0.200 0.841

L28.Temp. prom aire 0.000230 0.000770 0.298 0.766

L29.Conduct 2.224869 3.112119 0.715 0.475

L29.Water -3.800425 13.429424 -0.283 0.777

L29.Temp -0.449278 6.401727 -0.070 0.944

L29.Precip. horaria 0.012096 0.007419 1.630 0.103

L29.Temp. prom aire -0.000615 0.000758 -0.812 0.417

L30.Conduct -4.421353 3.131676 -1.412 0.158

L30.Water 12.729801 13.917489 0.915 0.360

L30.Temp -1.295322 6.191485 -0.209 0.834

L30.Precip. horaria 0.010714 0.007201 1.488 0.137

L30.Temp. prom aire -0.001002 0.000756 -1.325 0.185

L31.Conduct 5.584131 2.977917 1.875 0.061

L31.Water -18.591468 13.923684 -1.335 0.182

L31.Temp 2.842053 5.867091 0.484 0.628

L31.Precip. horaria 0.015634 0.007200 2.171 0.030

L31.Temp. prom aire 0.000596 0.000777 0.767 0.443

L32.Conduct -4.928166 2.606810 -1.890 0.059

L32.Water 25.324071 13.130316 1.929 0.054

L32.Temp -5.232086 5.666560 -0.923 0.356

L32.Precip. horaria -0.010163 0.007052 -1.441 0.150

L32.Temp. prom aire -0.000144 0.000784 -0.183 0.855

L33.Conduct 2.419248 2.181188 1.109 0.267

L33.Water -29.990921 11.944507 -2.511 0.012

L33.Temp 7.894120 5.712895 1.382 0.167

L33.Precip. horaria 0.003403 0.007262 0.469 0.639

L33.Temp. prom aire 0.001603 0.000769 2.084 0.037

L34.Conduct 0.235872 1.948374 0.121 0.904

L34.Water 26.570532 11.002888 2.415 0.016

L34.Temp -9.655191 5.730765 -1.685 0.092

L34.Precip. horaria 0.006704 0.007289 0.920 0.358

L34.Temp. prom aire -0.000730 0.000774 -0.943 0.346

L35.Conduct -1.754111 1.950651 -0.899 0.369

L35.Water -14.895282 10.551142 -1.412 0.158

L35.Temp 10.096092 5.637793 1.791 0.073

L35.Precip. horaria 0.009428 0.007130 1.322 0.186

L35.Temp. prom aire 0.000147 0.000776 0.190 0.849

L36.Conduct 1.926766 2.016102 0.956 0.339

L36.Water 2.828020 10.623664 0.266 0.790

L36.Temp -9.416576 5.543302 -1.699 0.089

L36.Precip. horaria 0.000182 0.007208 0.025 0.980

L36.Temp. prom aire 0.000907 0.000779 1.164 0.244

L37.Conduct -1.041203 1.989826 -0.523 0.601

L37.Water 2.322072 10.826832 0.214 0.830

L37.Temp 7.709914 5.338678 1.444 0.149

L37.Precip. horaria -0.001856 0.007156 -0.259 0.795

L37.Temp. prom aire 0.000365 0.000806 0.453 0.651

L38.Conduct 0.172892 1.776020 0.097 0.922

L38.Water -2.114525 10.302117 -0.205 0.837

L38.Temp -5.108989 4.782472 -1.068 0.285

L38.Precip. horaria -0.008041 0.007317 -1.099 0.272

L38.Temp. prom aire -0.000437 0.000805 -0.542 0.588

L39.Conduct -0.054156 1.351765 -0.040 0.968

L39.Water 3.393971 8.830532 0.384 0.701

L39.Temp 1.964341 3.923073 0.501 0.617

L39.Precip. horaria 0.000652 0.007509 0.087 0.931

L39.Temp. prom aire 0.000660 0.000803 0.822 0.411

L40.Conduct 0.235844 0.820429 0.287 0.774

L40.Water -7.754194 7.184051 -1.079 0.280

L40.Temp 0.920888 3.279595 0.281 0.779

L40.Precip. horaria -0.000142 0.007460 -0.019 0.985

L40.Temp. prom aire -0.000588 0.000799 -0.735 0.462

L41.Conduct -0.198441 0.409973 -0.484 0.628

L41.Water 10.248379 6.170518 1.661 0.097

L41.Temp -2.500096 3.157172 -0.792 0.428

L41.Precip. horaria -0.015905 0.007458 -2.133 0.033

L41.Temp. prom aire 0.000456 0.000806 0.566 0.571

L42.Conduct 0.004023 0.304065 0.013 0.989

L42.Water -8.609814 5.765395 -1.493 0.135

L42.Temp 2.816472 3.205510 0.879 0.380

L42.Precip. horaria 0.003989 0.008131 0.491 0.624

L42.Temp. prom aire 0.000291 0.000793 0.367 0.713

L43.Conduct 0.035223 0.295553 0.119 0.905

L43.Water 6.826075 5.598308 1.219 0.223

L43.Temp -2.924692 3.209079 -0.911 0.362

L43.Precip. horaria -0.003153 0.009350 -0.337 0.736

L43.Temp. prom aire 0.000148 0.000798 0.185 0.853

L44.Conduct 0.010824 0.261835 0.041 0.967

L44.Water -7.679276 5.248047 -1.463 0.143

L44.Temp 3.273902 3.067820 1.067 0.286

L44.Precip. horaria 0.014534 0.009207 1.579 0.114

L44.Temp. prom aire 0.000408 0.000789 0.517 0.605

L45.Conduct 0.317602 0.226318 1.403 0.161

L45.Water 8.354879 4.312545 1.937 0.053

L45.Temp -3.385789 2.616281 -1.294 0.196

L45.Precip. horaria 0.007207 0.009151 0.788 0.431

L45.Temp. prom aire -0.000484 0.000789 -0.613 0.540

L46.Conduct -0.759691 0.203124 -3.740 0.000

L46.Water -6.071780 2.769943 -2.192 0.028

L46.Temp 2.671168 1.782492 1.499 0.134

L46.Precip. horaria 0.013215 0.009869 1.339 0.181

L46.Temp. prom aire 0.000112 0.000786 0.142 0.887

L47.Conduct 0.618723 0.131616 4.701 0.000

L47.Water 2.523201 1.181325 2.136 0.033

L47.Temp -1.323276 0.817683 -1.618 0.106

L47.Precip. horaria 0.004092 0.009026 0.453 0.650

L47.Temp. prom aire 0.001495 0.000775 1.928 0.054

L48.Conduct -0.175575 0.037263 -4.712 0.000

L48.Water -0.458827 0.240624 -1.907 0.057

L48.Temp 0.296645 0.180045 1.648 0.099

L48.Precip. horaria -0.006037 0.009366 -0.645 0.519

L48.Temp. prom aire -0.000361 0.000727 -0.496 0.620

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.017445 0.006402 2.725 0.006

L1.Conduct 0.022964 0.028585 0.803 0.422

L1.Water 4.584645 0.100283 45.717 0.000

L1.Temp -0.178043 0.051968 -3.426 0.001

L1.Precip. horaria 0.004403 0.002013 2.188 0.029

L1.Temp. prom aire 0.000070 0.000202 0.349 0.727

L2.Conduct -0.212874 0.123649 -1.722 0.085

L2.Water -8.989636 0.453702 -19.814 0.000

L2.Temp 0.877537 0.227482 3.858 0.000

L2.Precip. horaria -0.002740 0.002065 -1.327 0.185

L2.Temp. prom aire 0.000032 0.000214 0.147 0.883

L3.Conduct 0.680845 0.256075 2.659 0.008

L3.Water 9.833584 0.956557 10.280 0.000

L3.Temp -1.996741 0.477819 -4.179 0.000

L3.Precip. horaria -0.003754 0.002035 -1.845 0.065

L3.Temp. prom aire -0.000415 0.000210 -1.978 0.048

L4.Conduct -1.223763 0.364578 -3.357 0.001

L4.Water -6.146432 1.332401 -4.613 0.000

L4.Temp 2.882337 0.681939 4.227 0.000

L4.Precip. horaria -0.000686 0.002194 -0.313 0.755

L4.Temp. prom aire 0.000320 0.000211 1.514 0.130

L5.Conduct 1.486772 0.428471 3.470 0.001

L5.Water 1.245117 1.494050 0.833 0.405

L5.Temp -3.076560 0.791046 -3.889 0.000

L5.Precip. horaria 0.002542 0.002099 1.211 0.226

L5.Temp. prom aire -0.000258 0.000212 -1.218 0.223

L6.Conduct -1.178736 0.463912 -2.541 0.011

L6.Water 1.222113 1.557002 0.785 0.433

L6.Temp 2.626937 0.837003 3.139 0.002

L6.Precip. horaria -0.005642 0.002170 -2.600 0.009

L6.Temp. prom aire 0.000352 0.000212 1.656 0.098

L7.Conduct 0.340670 0.499285 0.682 0.495

L7.Water -1.765153 1.660876 -1.063 0.288

L7.Temp -1.716028 0.869291 -1.974 0.048

L7.Precip. horaria 0.003620 0.002178 1.662 0.097

L7.Temp. prom aire -0.000256 0.000215 -1.191 0.233

L8.Conduct 0.524469 0.543241 0.965 0.334

L8.Water 4.271988 1.846193 2.314 0.021

L8.Temp 0.203806 0.912734 0.223 0.823

L8.Precip. horaria -0.002090 0.002234 -0.935 0.350

L8.Temp. prom aire -0.000173 0.000220 -0.785 0.432

L9.Conduct -1.145599 0.600662 -1.907 0.056

L9.Water -8.201410 2.109430 -3.888 0.000

L9.Temp 2.078005 1.003045 2.072 0.038

L9.Precip. horaria 0.007743 0.002305 3.360 0.001

L9.Temp. prom aire 0.000299 0.000221 1.353 0.176

L10.Conduct 1.652806 0.674609 2.450 0.014

L10.Water 8.887369 2.436862 3.647 0.000

L10.Temp -4.465829 1.182397 -3.777 0.000

L10.Precip. horaria -0.000427 0.002303 -0.185 0.853

L10.Temp. prom aire 0.000087 0.000225 0.386 0.699

L11.Conduct -1.988782 0.744003 -2.673 0.008

L11.Water -5.359140 2.703522 -1.982 0.047

L11.Temp 5.970251 1.366767 4.368 0.000

L11.Precip. horaria -0.001443 0.002393 -0.603 0.547

L11.Temp. prom aire -0.000206 0.000227 -0.906 0.365

L12.Conduct 1.905330 0.803358 2.372 0.018

L12.Water 1.339291 2.864929 0.467 0.640

L12.Temp -6.287850 1.463527 -4.296 0.000

L12.Precip. horaria 0.000795 0.002404 0.331 0.741

L12.Temp. prom aire -0.000044 0.000229 -0.192 0.848

L13.Conduct -1.225497 0.857767 -1.429 0.153

L13.Water -1.221898 3.007353 -0.406 0.685

L13.Temp 5.614657 1.494851 3.756 0.000

L13.Precip. horaria 0.002833 0.002434 1.164 0.244

L13.Temp. prom aire 0.000025 0.000225 0.113 0.910

L14.Conduct 0.240496 0.910202 0.264 0.792

L14.Water 3.852419 3.210501 1.200 0.230

L14.Temp -4.297023 1.527596 -2.813 0.005

L14.Precip. horaria -0.004158 0.002363 -1.760 0.078

L14.Temp. prom aire 0.000159 0.000224 0.710 0.477

L15.Conduct 0.448871 0.944660 0.475 0.635

L15.Water -3.202052 3.409153 -0.939 0.348

L15.Temp 2.435351 1.575743 1.546 0.122

L15.Precip. horaria -0.005116 0.002360 -2.168 0.030

L15.Temp. prom aire -0.000006 0.000228 -0.027 0.979

L16.Conduct -0.857503 0.940525 -0.912 0.362

L16.Water -1.056742 3.478999 -0.304 0.761

L16.Temp 0.028129 1.605256 0.018 0.986

L16.Precip. horaria -0.000296 0.002417 -0.123 0.902

L16.Temp. prom aire 0.000511 0.000219 2.328 0.020

L17.Conduct 1.279482 0.904118 1.415 0.157

L17.Water 3.722870 3.397323 1.096 0.273

L17.Temp -2.520487 1.647781 -1.530 0.126

L17.Precip. horaria 0.004352 0.002388 1.823 0.068

L17.Temp. prom aire -0.000083 0.000221 -0.378 0.706

L18.Conduct -1.571364 0.878643 -1.788 0.074

L18.Water -2.999288 3.316311 -0.904 0.366

L18.Temp 4.291476 1.744894 2.459 0.014

L18.Precip. horaria 0.002563 0.002301 1.114 0.265

L18.Temp. prom aire -0.000046 0.000215 -0.213 0.832

L19.Conduct 1.562725 0.905264 1.726 0.084

L19.Water 1.817587 3.407072 0.533 0.594

L19.Temp -5.178731 1.827407 -2.834 0.005

L19.Precip. horaria 0.000290 0.002244 0.129 0.897

L19.Temp. prom aire -0.000161 0.000214 -0.751 0.453

L20.Conduct -1.255049 0.959408 -1.308 0.191

L20.Water -3.605752 3.615442 -0.997 0.319

L20.Temp 5.402905 1.858648 2.907 0.004

L20.Precip. horaria 0.005625 0.002355 2.388 0.017

L20.Temp. prom aire -0.000092 0.000210 -0.439 0.661

L21.Conduct 0.764651 1.008005 0.759 0.448

L21.Water 6.533720 3.891811 1.679 0.093

L21.Temp -5.287676 1.872336 -2.824 0.005

L21.Precip. horaria 0.002542 0.002365 1.075 0.282

L21.Temp. prom aire 0.000130 0.000213 0.611 0.541

L22.Conduct -0.232077 1.039670 -0.223 0.823

L22.Water -5.399084 4.211013 -1.282 0.200

L22.Temp 4.703412 1.887247 2.492 0.013

L22.Precip. horaria 0.003775 0.002480 1.522 0.128

L22.Temp. prom aire 0.000512 0.000220 2.332 0.020

L23.Conduct -0.428670 1.038425 -0.413 0.680

L23.Water 0.705008 4.401231 0.160 0.873

L23.Temp -3.288839 1.877931 -1.751 0.080

L23.Precip. horaria -0.000630 0.002469 -0.255 0.798

L23.Temp. prom aire -0.000567 0.000226 -2.514 0.012

L24.Conduct 1.175153 0.988267 1.189 0.234

L24.Water 2.157277 4.341286 0.497 0.619

L24.Temp 1.460597 1.868219 0.782 0.434

L24.Precip. horaria 0.001173 0.002396 0.490 0.624

L24.Temp. prom aire 0.000553 0.000228 2.426 0.015

L25.Conduct -1.626363 0.910895 -1.785 0.074

L25.Water -0.642039 4.120183 -0.156 0.876

L25.Temp 0.146073 1.932083 0.076 0.940

L25.Precip. horaria -0.002557 0.002327 -1.099 0.272

L25.Temp. prom aire -0.000032 0.000232 -0.140 0.889

L26.Conduct 1.510546 0.864137 1.748 0.080

L26.Water -2.453147 3.934406 -0.624 0.533

L26.Temp -1.490972 2.009133 -0.742 0.458

L26.Precip. horaria -0.004976 0.002371 -2.099 0.036

L26.Temp. prom aire -0.000192 0.000231 -0.829 0.407

L27.Conduct -0.916582 0.866753 -1.057 0.290

L27.Water 2.547006 3.844238 0.663 0.508

L27.Temp 2.764521 2.001588 1.381 0.167

L27.Precip. horaria -0.000105 0.002299 -0.046 0.964

L27.Temp. prom aire 0.000091 0.000232 0.393 0.694

L28.Conduct 0.222901 0.892264 0.250 0.803

L28.Water 0.092424 3.845229 0.024 0.981

L28.Temp -3.941959 1.939259 -2.033 0.042

L28.Precip. horaria -0.000341 0.002215 -0.154 0.878

L28.Temp. prom aire 0.000117 0.000227 0.518 0.605

L29.Conduct 0.284139 0.916990 0.310 0.757

L29.Water -1.007002 3.956999 -0.254 0.799

L29.Temp 4.477018 1.886278 2.373 0.018

L29.Precip. horaria 0.005135 0.002186 2.349 0.019

L29.Temp. prom aire -0.000300 0.000223 -1.342 0.179

L30.Conduct -0.673838 0.922753 -0.730 0.465

L30.Water -0.463570 4.100808 -0.113 0.910

L30.Temp -3.975505 1.824330 -2.179 0.029

L30.Precip. horaria 0.001149 0.002122 0.541 0.588

L30.Temp. prom aire -0.000349 0.000223 -1.568 0.117

L31.Conduct 1.039613 0.877448 1.185 0.236

L31.Water 0.564897 4.102634 0.138 0.890

L31.Temp 2.938661 1.728747 1.700 0.089

L31.Precip. horaria 0.003246 0.002122 1.530 0.126

L31.Temp. prom aire -0.000088 0.000229 -0.384 0.701

L32.Conduct -1.190737 0.768100 -1.550 0.121

L32.Water 2.454386 3.868867 0.634 0.526

L32.Temp -1.890494 1.669660 -1.132 0.258

L32.Precip. horaria -0.002814 0.002078 -1.354 0.176

L32.Temp. prom aire -0.000032 0.000231 -0.138 0.890

L33.Conduct 0.855204 0.642690 1.331 0.183

L33.Water -5.622538 3.519466 -1.598 0.110

L33.Temp 0.886720 1.683313 0.527 0.598

L33.Precip. horaria -0.001854 0.002140 -0.866 0.386

L33.Temp. prom aire 0.000536 0.000227 2.363 0.018

L34.Conduct -0.149706 0.574091 -0.261 0.794

L34.Water 5.095501 3.242017 1.572 0.116

L34.Temp 0.088439 1.688578 0.052 0.958

L34.Precip. horaria -0.000688 0.002148 -0.320 0.749

L34.Temp. prom aire 0.000049 0.000228 0.213 0.831

L35.Conduct -0.428603 0.574762 -0.746 0.456

L35.Water -1.419122 3.108909 -0.456 0.648

L35.Temp -0.997520 1.661184 -0.600 0.548

L35.Precip. horaria 0.003319 0.002101 1.580 0.114

L35.Temp. prom aire -0.000053 0.000229 -0.232 0.816

L36.Conduct 0.550516 0.594047 0.927 0.354

L36.Water -1.438465 3.130278 -0.460 0.646

L36.Temp 1.610033 1.633342 0.986 0.324

L36.Precip. horaria -0.000333 0.002124 -0.157 0.875

L36.Temp. prom aire 0.000382 0.000230 1.665 0.096

L37.Conduct -0.338781 0.586305 -0.578 0.563

L37.Water 1.599453 3.190142 0.501 0.616

L37.Temp -1.746150 1.573049 -1.110 0.267

L37.Precip. horaria 0.004369 0.002108 2.072 0.038

L37.Temp. prom aire -0.000070 0.000237 -0.296 0.767

L38.Conduct 0.172798 0.523307 0.330 0.741

L38.Water -0.885767 3.035534 -0.292 0.770

L38.Temp 1.492276 1.409162 1.059 0.290

L38.Precip. horaria -0.005301 0.002156 -2.459 0.014

L38.Temp. prom aire -0.000258 0.000237 -1.086 0.277

L39.Conduct -0.202210 0.398300 -0.508 0.612

L39.Water 1.499640 2.601929 0.576 0.564

L39.Temp -0.944575 1.155939 -0.817 0.414

L39.Precip. horaria 0.001218 0.002212 0.550 0.582

L39.Temp. prom aire 0.000333 0.000237 1.409 0.159

L40.Conduct 0.196458 0.241740 0.813 0.416

L40.Water -3.028161 2.116791 -1.431 0.153

L40.Temp 0.240902 0.966337 0.249 0.803

L40.Precip. horaria 0.002995 0.002198 1.363 0.173

L40.Temp. prom aire -0.000299 0.000236 -1.271 0.204

L41.Conduct -0.044988 0.120799 -0.372 0.710

L41.Water 3.261283 1.818152 1.794 0.073

L41.Temp 0.400342 0.930265 0.430 0.667

L41.Precip. horaria -0.008021 0.002198 -3.650 0.000

L41.Temp. prom aire 0.000149 0.000238 0.629 0.530

L42.Conduct -0.075842 0.089593 -0.847 0.397

L42.Water -1.705148 1.698782 -1.004 0.316

L42.Temp -0.788609 0.944508 -0.835 0.404

L42.Precip. horaria 0.005627 0.002396 2.349 0.019

L42.Temp. prom aire -0.000015 0.000234 -0.066 0.947

L43.Conduct 0.037530 0.087085 0.431 0.666

L43.Water 0.541969 1.649550 0.329 0.742

L43.Temp 0.783802 0.945560 0.829 0.407

L43.Precip. horaria -0.004379 0.002755 -1.589 0.112

L43.Temp. prom aire 0.000151 0.000235 0.641 0.521

L44.Conduct 0.055443 0.077150 0.719 0.472

L44.Water -1.078471 1.546345 -0.697 0.486

L44.Temp -0.472835 0.903938 -0.523 0.601

L44.Precip. horaria 0.001554 0.002713 0.573 0.567

L44.Temp. prom aire 0.000083 0.000232 0.359 0.720

L45.Conduct 0.008665 0.066685 0.130 0.897

L45.Water 1.866849 1.270698 1.469 0.142

L45.Temp 0.135377 0.770891 0.176 0.861

L45.Precip. horaria 0.001004 0.002696 0.372 0.710

L45.Temp. prom aire 0.000007 0.000233 0.029 0.977

L46.Conduct -0.162226 0.059851 -2.711 0.007

L46.Water -1.529690 0.816168 -1.874 0.061

L46.Temp 0.041795 0.525214 0.080 0.937

L46.Precip. horaria 0.004084 0.002908 1.405 0.160

L46.Temp. prom aire -0.000135 0.000232 -0.582 0.561

L47.Conduct 0.156428 0.038781 4.034 0.000

L47.Water 0.631148 0.348079 1.813 0.070

L47.Temp -0.056782 0.240931 -0.236 0.814

L47.Precip. horaria 0.007605 0.002659 2.860 0.004

L47.Temp. prom aire 0.000565 0.000228 2.471 0.013

L48.Conduct -0.045987 0.010980 -4.188 0.000

L48.Water -0.108358 0.070900 -1.528 0.126

L48.Temp 0.016593 0.053050 0.313 0.754

L48.Precip. horaria 0.003198 0.002760 1.159 0.247

L48.Temp. prom aire -0.000068 0.000214 -0.316 0.752

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.002674 0.008784 -0.304 0.761

L1.Conduct 0.056826 0.039224 1.449 0.147

L1.Water -0.236726 0.137608 -1.720 0.085

L1.Temp 4.177348 0.071311 58.579 0.000

L1.Precip. horaria -0.001784 0.002762 -0.646 0.518

L1.Temp. prom aire 0.000486 0.000277 1.755 0.079

L2.Conduct -0.307458 0.169671 -1.812 0.070

L2.Water 1.313349 0.622570 2.110 0.035

L2.Temp -7.615670 0.312151 -24.397 0.000

L2.Precip. horaria 0.006133 0.002834 2.164 0.030

L2.Temp. prom aire 0.000128 0.000294 0.435 0.663

L3.Conduct 0.759235 0.351386 2.161 0.031

L3.Water -3.302246 1.312589 -2.516 0.012

L3.Temp 8.201485 0.655664 12.509 0.000

L3.Precip. horaria -0.002077 0.002793 -0.744 0.457

L3.Temp. prom aire -0.000132 0.000288 -0.459 0.647

L4.Conduct -1.158621 0.500274 -2.316 0.021

L4.Water 4.990379 1.828323 2.729 0.006

L4.Temp -5.978402 0.935758 -6.389 0.000

L4.Precip. horaria 0.001525 0.003010 0.507 0.612

L4.Temp. prom aire -0.000612 0.000290 -2.109 0.035

L5.Conduct 1.260647 0.587948 2.144 0.032

L5.Water -5.168132 2.050139 -2.521 0.012

L5.Temp 3.193897 1.085475 2.942 0.003

L5.Precip. horaria -0.001515 0.002880 -0.526 0.599

L5.Temp. prom aire 0.000051 0.000291 0.176 0.861

L6.Conduct -1.092306 0.636581 -1.716 0.086

L6.Water 4.221878 2.136521 1.976 0.048

L6.Temp -1.311164 1.148538 -1.142 0.254

L6.Precip. horaria 0.000288 0.002978 0.097 0.923

L6.Temp. prom aire 0.000182 0.000292 0.624 0.532

L7.Conduct 0.875519 0.685120 1.278 0.201

L7.Water -3.474365 2.279057 -1.524 0.127

L7.Temp -0.974814 1.192843 -0.817 0.414

L7.Precip. horaria 0.000610 0.002989 0.204 0.838

L7.Temp. prom aire 0.000080 0.000295 0.270 0.787

L8.Conduct -0.695153 0.745436 -0.933 0.351

L8.Water 3.192161 2.533349 1.260 0.208

L8.Temp 5.448404 1.252455 4.350 0.000

L8.Precip. horaria -0.002888 0.003066 -0.942 0.346

L8.Temp. prom aire -0.000138 0.000302 -0.457 0.648

L9.Conduct 0.304263 0.824230 0.369 0.712

L9.Water -1.905902 2.894564 -0.658 0.510

L9.Temp -9.638811 1.376381 -7.003 0.000

L9.Precip. horaria 0.005663 0.003162 1.791 0.073

L9.Temp. prom aire 0.000256 0.000303 0.843 0.399

L10.Conduct 0.518174 0.925699 0.560 0.576

L10.Water -1.523554 3.343867 -0.456 0.649

L10.Temp 9.870603 1.622487 6.084 0.000

L10.Precip. horaria -0.005836 0.003160 -1.847 0.065

L10.Temp. prom aire -0.000476 0.000309 -1.540 0.124

L11.Conduct -1.459802 1.020922 -1.430 0.153

L11.Water 5.377366 3.709778 1.450 0.147

L11.Temp -6.534383 1.875480 -3.484 0.000

L11.Precip. horaria 0.005058 0.003283 1.541 0.123

L11.Temp. prom aire -0.000483 0.000312 -1.549 0.121

L12.Conduct 1.914621 1.102369 1.737 0.082

L12.Water -6.645548 3.931261 -1.690 0.091

L12.Temp 3.015194 2.008254 1.501 0.133

L12.Precip. horaria -0.002661 0.003299 -0.807 0.420

L12.Temp. prom aire 0.000031 0.000314 0.099 0.921

L13.Conduct -1.752873 1.177029 -1.489 0.136

L13.Water 5.173760 4.126696 1.254 0.210

L13.Temp -2.247754 2.051238 -1.096 0.273

L13.Precip. horaria 0.005285 0.003340 1.582 0.114

L13.Temp. prom aire -0.000123 0.000308 -0.400 0.689

L14.Conduct 1.410098 1.248981 1.129 0.259

L14.Water -3.703866 4.405456 -0.841 0.400

L14.Temp 2.746367 2.096171 1.310 0.190

L14.Precip. horaria -0.004303 0.003242 -1.327 0.184

L14.Temp. prom aire 0.000124 0.000307 0.403 0.687

L15.Conduct -1.120322 1.296264 -0.864 0.387

L15.Water 3.708245 4.678046 0.793 0.428

L15.Temp -0.279064 2.162238 -0.129 0.897

L15.Precip. horaria 0.007804 0.003239 2.410 0.016

L15.Temp. prom aire -0.000111 0.000313 -0.354 0.723

L16.Conduct 0.578609 1.290590 0.448 0.654

L16.Water -3.186433 4.773889 -0.667 0.504

L16.Temp -4.631817 2.202736 -2.103 0.035

L16.Precip. horaria -0.006507 0.003317 -1.962 0.050

L16.Temp. prom aire -0.000413 0.000301 -1.371 0.170

L17.Conduct 0.521547 1.240632 0.420 0.674

L17.Water -0.613486 4.661813 -0.132 0.895

L17.Temp 7.400201 2.261089 3.273 0.001

L17.Precip. horaria 0.005929 0.003276 1.809 0.070

L17.Temp. prom aire -0.000116 0.000303 -0.382 0.702

L18.Conduct -1.960561 1.205675 -1.626 0.104

L18.Water 6.790086 4.550648 1.492 0.136

L18.Temp -6.025274 2.394347 -2.516 0.012

L18.Precip. horaria -0.003879 0.003157 -1.229 0.219

L18.Temp. prom aire -0.000108 0.000296 -0.365 0.715

L19.Conduct 3.036525 1.242205 2.444 0.015

L19.Water -11.316364 4.675190 -2.421 0.015

L19.Temp 3.189471 2.507571 1.272 0.203

L19.Precip. horaria 0.005512 0.003079 1.790 0.073

L19.Temp. prom aire -0.000004 0.000294 -0.013 0.989

L20.Conduct -3.332472 1.316502 -2.531 0.011

L20.Water 12.783003 4.961116 2.577 0.010

L20.Temp -2.777458 2.550440 -1.089 0.276

L20.Precip. horaria -0.006139 0.003232 -1.899 0.058

L20.Temp. prom aire 0.000347 0.000289 1.200 0.230

L21.Conduct 3.203546 1.383186 2.316 0.021

L21.Water -14.057990 5.340350 -2.632 0.008

L21.Temp 3.787843 2.569223 1.474 0.140

L21.Precip. horaria 0.005091 0.003245 1.569 0.117

L21.Temp. prom aire -0.000495 0.000293 -1.692 0.091

L22.Conduct -2.950469 1.426637 -2.068 0.039

L22.Water 16.860982 5.778359 2.918 0.004

L22.Temp -1.874800 2.589684 -0.724 0.469

L22.Precip. horaria -0.001061 0.003403 -0.312 0.755

L22.Temp. prom aire -0.000068 0.000301 -0.226 0.821

L23.Conduct 2.313454 1.424929 1.624 0.104

L23.Water -18.357951 6.039378 -3.040 0.002

L23.Temp -3.010594 2.576900 -1.168 0.243

L23.Precip. horaria -0.002349 0.003388 -0.693 0.488

L23.Temp. prom aire -0.000471 0.000310 -1.522 0.128

L24.Conduct -1.037735 1.356102 -0.765 0.444

L24.Water 14.683020 5.957121 2.465 0.014

L24.Temp 6.690222 2.563574 2.610 0.009

L24.Precip. horaria -0.003259 0.003287 -0.991 0.322

L24.Temp. prom aire 0.000323 0.000313 1.033 0.301

L25.Conduct -0.665728 1.249932 -0.533 0.594

L25.Water -6.305512 5.653723 -1.115 0.265

L25.Temp -6.179750 2.651208 -2.331 0.020

L25.Precip. horaria -0.000643 0.003193 -0.201 0.840

L25.Temp. prom aire 0.000287 0.000318 0.902 0.367

L26.Conduct 2.023166 1.185770 1.706 0.088

L26.Water -1.928623 5.398800 -0.357 0.721

L26.Temp 2.951691 2.756936 1.071 0.284

L26.Precip. horaria 0.000069 0.003253 0.021 0.983

L26.Temp. prom aire -0.000506 0.000317 -1.594 0.111

L27.Conduct -2.470992 1.189361 -2.078 0.038

L27.Water 6.884067 5.275071 1.305 0.192

L27.Temp -1.284753 2.746583 -0.468 0.640

L27.Precip. horaria 0.001793 0.003155 0.568 0.570

L27.Temp. prom aire 0.000186 0.000319 0.582 0.561

L28.Conduct 2.353430 1.224366 1.922 0.055

L28.Water -10.053529 5.276430 -1.905 0.057

L28.Temp 2.075289 2.661055 0.780 0.435

L28.Precip. horaria 0.001801 0.003040 0.592 0.554

L28.Temp. prom aire 0.000045 0.000311 0.146 0.884

L29.Conduct -2.117474 1.258296 -1.683 0.092

L29.Water 13.228580 5.429802 2.436 0.015

L29.Temp -2.139011 2.588354 -0.826 0.409

L29.Precip. horaria -0.004494 0.003000 -1.498 0.134

L29.Temp. prom aire 0.000066 0.000306 0.215 0.830

L30.Conduct 1.794739 1.266203 1.417 0.156

L30.Water -15.256331 5.627137 -2.711 0.007

L30.Temp -0.316297 2.503349 -0.126 0.899

L30.Precip. horaria -0.002172 0.002912 -0.746 0.456

L30.Temp. prom aire -0.000490 0.000306 -1.603 0.109

L31.Conduct -1.324306 1.204035 -1.100 0.271

L31.Water 13.993856 5.629641 2.486 0.013

L31.Temp 3.679951 2.372190 1.551 0.121

L31.Precip. horaria 0.002753 0.002911 0.946 0.344

L31.Temp. prom aire 0.000308 0.000314 0.982 0.326

L32.Conduct 0.701310 1.053989 0.665 0.506

L32.Water -9.918418 5.308866 -1.868 0.062

L32.Temp -4.933646 2.291111 -2.153 0.031

L32.Precip. horaria -0.001889 0.002851 -0.662 0.508

L32.Temp. prom aire 0.000003 0.000317 0.008 0.993

L33.Conduct -0.213063 0.881901 -0.242 0.809

L33.Water 6.298396 4.829418 1.304 0.192

L33.Temp 3.571342 2.309845 1.546 0.122

L33.Precip. horaria -0.002345 0.002936 -0.799 0.425

L33.Temp. prom aire 0.000110 0.000311 0.354 0.723

L34.Conduct 0.081532 0.787769 0.103 0.918

L34.Water -4.787957 4.448702 -1.076 0.282

L34.Temp -2.560570 2.317070 -1.105 0.269

L34.Precip. horaria -0.001368 0.002947 -0.464 0.642

L34.Temp. prom aire -0.000383 0.000313 -1.222 0.222

L35.Conduct -0.015183 0.788690 -0.019 0.985

L35.Water 3.699545 4.266051 0.867 0.386

L35.Temp 3.266654 2.279480 1.433 0.152

L35.Precip. horaria -0.002831 0.002883 -0.982 0.326

L35.Temp. prom aire 0.000370 0.000314 1.178 0.239

L36.Conduct -0.199596 0.815153 -0.245 0.807

L36.Water -1.444276 4.295373 -0.336 0.737

L36.Temp -3.623846 2.241275 -1.617 0.106

L36.Precip. horaria -0.005482 0.002914 -1.881 0.060

L36.Temp. prom aire -0.000552 0.000315 -1.753 0.080

L37.Conduct 0.420830 0.804529 0.523 0.601

L37.Water -1.234934 4.377519 -0.282 0.778

L37.Temp 1.843968 2.158541 0.854 0.393

L37.Precip. horaria 0.009415 0.002893 3.254 0.001

L37.Temp. prom aire 0.000507 0.000326 1.555 0.120

L38.Conduct -0.467836 0.718082 -0.652 0.515

L38.Water 2.663259 4.165365 0.639 0.523

L38.Temp 1.410656 1.933655 0.730 0.466

L38.Precip. horaria -0.009376 0.002958 -3.169 0.002

L38.Temp. prom aire -0.000366 0.000326 -1.125 0.261

L39.Conduct 0.296990 0.546547 0.543 0.587

L39.Water -2.667885 3.570372 -0.747 0.455

L39.Temp -3.616774 1.586182 -2.280 0.023

L39.Precip. horaria 0.000268 0.003036 0.088 0.930

L39.Temp. prom aire -0.000036 0.000325 -0.112 0.911

L40.Conduct -0.108932 0.331717 -0.328 0.743

L40.Water 2.611028 2.904665 0.899 0.369

L40.Temp 3.430509 1.326010 2.587 0.010

L40.Precip. horaria 0.003046 0.003016 1.010 0.313

L40.Temp. prom aire -0.000166 0.000323 -0.513 0.608

L41.Conduct 0.055110 0.165761 0.332 0.740

L41.Water -3.082744 2.494872 -1.236 0.217

L41.Temp -2.410852 1.276512 -1.889 0.059

L41.Precip. horaria -0.010769 0.003015 -3.571 0.000

L41.Temp. prom aire -0.000239 0.000326 -0.734 0.463

L42.Conduct -0.031916 0.122940 -0.260 0.795

L42.Water 3.382348 2.331072 1.451 0.147

L42.Temp 2.026797 1.296056 1.564 0.118

L42.Precip. horaria 0.006008 0.003287 1.828 0.068

L42.Temp. prom aire -0.000441 0.000321 -1.373 0.170

L43.Conduct -0.007007 0.119499 -0.059 0.953

L43.Water -2.935053 2.263515 -1.297 0.195

L43.Temp -1.832180 1.297499 -1.412 0.158

L43.Precip. horaria -0.005595 0.003780 -1.480 0.139

L43.Temp. prom aire 0.000290 0.000323 0.900 0.368

L44.Conduct 0.015485 0.105866 0.146 0.884

L44.Water 1.957049 2.121897 0.922 0.356

L44.Temp 1.062372 1.240385 0.856 0.392

L44.Precip. horaria 0.000315 0.003723 0.085 0.933

L44.Temp. prom aire 0.000199 0.000319 0.624 0.533

L45.Conduct -0.009535 0.091505 -0.104 0.917

L45.Water -1.061219 1.743654 -0.609 0.543

L45.Temp 0.197248 1.057818 0.186 0.852

L45.Precip. horaria 0.000445 0.003700 0.120 0.904

L45.Temp. prom aire -0.000056 0.000319 -0.176 0.860

L46.Conduct 0.003545 0.082128 0.043 0.966

L46.Water 0.523654 1.119947 0.468 0.640

L46.Temp -0.977866 0.720699 -1.357 0.175

L46.Precip. horaria -0.004304 0.003990 -1.079 0.281

L46.Temp. prom aire -0.000152 0.000318 -0.479 0.632

L47.Conduct 0.003435 0.053215 0.065 0.949

L47.Water -0.212163 0.477635 -0.444 0.657

L47.Temp 0.728823 0.330607 2.205 0.027

L47.Precip. horaria 0.003989 0.003649 1.093 0.274

L47.Temp. prom aire 0.000464 0.000314 1.481 0.138

L48.Conduct -0.002564 0.015066 -0.170 0.865

L48.Water 0.044826 0.097289 0.461 0.645

L48.Temp -0.189288 0.072796 -2.600 0.009

L48.Precip. horaria -0.000518 0.003787 -0.137 0.891

L48.Temp. prom aire -0.000167 0.000294 -0.570 0.569

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.007983 0.224556 0.036 0.972

L1.Conduct 0.974512 1.002705 0.972 0.331

L1.Water -8.670934 3.517734 -2.465 0.014

L1.Temp -0.137516 1.822956 -0.075 0.940

L1.Precip. horaria 0.289639 0.070601 4.102 0.000

L1.Temp. prom aire -0.003118 0.007076 -0.441 0.659

L2.Conduct -1.944441 4.337374 -0.448 0.654

L2.Water 36.703407 15.915047 2.306 0.021

L2.Temp -4.405484 7.979651 -0.552 0.581

L2.Precip. horaria -0.164789 0.072450 -2.275 0.023

L2.Temp. prom aire 0.005051 0.007505 0.673 0.501

L3.Conduct -0.737169 8.982641 -0.082 0.935

L3.Water -78.019521 33.554304 -2.325 0.020

L3.Temp 19.549973 16.761027 1.166 0.243

L3.Precip. horaria 0.469803 0.071387 6.581 0.000

L3.Temp. prom aire -0.004480 0.007360 -0.609 0.543

L4.Conduct 8.374209 12.788728 0.655 0.513

L4.Water 113.911387 46.738247 2.437 0.015

L4.Temp -37.388681 23.921211 -1.563 0.118

L4.Precip. horaria -0.338221 0.076954 -4.395 0.000

L4.Temp. prom aire -0.003016 0.007418 -0.407 0.684

L5.Conduct -23.136445 15.029987 -1.539 0.124

L5.Water -105.708582 52.408615 -2.017 0.044

L5.Temp 45.802263 27.748477 1.651 0.099

L5.Precip. horaria 0.169737 0.073616 2.306 0.021

L5.Temp. prom aire 0.003292 0.007447 0.442 0.658

L6.Conduct 44.815910 16.273202 2.754 0.006

L6.Water 28.601018 54.616850 0.524 0.601

L6.Temp -44.628327 29.360581 -1.520 0.129

L6.Precip. horaria -0.256362 0.076124 -3.368 0.001

L6.Temp. prom aire -0.014154 0.007454 -1.899 0.058

L7.Conduct -63.799484 17.514029 -3.643 0.000

L7.Water 72.882708 58.260559 1.251 0.211

L7.Temp 39.056017 30.493169 1.281 0.200

L7.Precip. horaria 0.324369 0.076401 4.246 0.000

L7.Temp. prom aire 0.012074 0.007549 1.599 0.110

L8.Conduct 71.537253 19.055924 3.754 0.000

L8.Water -139.332553 64.761143 -2.151 0.031

L8.Temp -29.820517 32.017062 -0.931 0.352

L8.Precip. horaria -0.132649 0.078369 -1.693 0.091

L8.Temp. prom aire -0.005174 0.007725 -0.670 0.503

L9.Conduct -61.891661 21.070160 -2.937 0.003

L9.Water 136.951412 73.995022 1.851 0.064

L9.Temp 8.963453 35.185032 0.255 0.799

L9.Precip. horaria 0.158830 0.080841 1.965 0.049

L9.Temp. prom aire 0.015666 0.007751 2.021 0.043

L10.Conduct 30.044166 23.664068 1.270 0.204

L10.Water -46.408692 85.480757 -0.543 0.587

L10.Temp 28.693121 41.476371 0.692 0.489

L10.Precip. horaria -0.325992 0.080790 -4.035 0.000

L10.Temp. prom aire -0.007998 0.007897 -1.013 0.311

L11.Conduct 14.357450 26.098286 0.550 0.582

L11.Water -101.687094 94.834705 -1.072 0.284

L11.Temp -69.004434 47.943727 -1.439 0.150

L11.Precip. horaria 0.069101 0.083927 0.823 0.410

L11.Temp. prom aire 0.000980 0.007968 0.123 0.902

L12.Conduct -57.662163 28.180361 -2.046 0.041

L12.Water 258.909273 100.496584 2.576 0.010

L12.Temp 94.258478 51.337895 1.836 0.066

L12.Precip. horaria -0.182410 0.084340 -2.163 0.031

L12.Temp. prom aire -0.007578 0.008028 -0.944 0.345

L13.Conduct 92.832670 30.088929 3.085 0.002

L13.Water -404.196421 105.492562 -3.832 0.000

L13.Temp -102.504825 52.436709 -1.955 0.051

L13.Precip. horaria 0.299541 0.085380 3.508 0.000

L13.Temp. prom aire 0.011032 0.007878 1.400 0.161

L14.Conduct -111.533661 31.928256 -3.493 0.000

L14.Water 508.853709 112.618642 4.518 0.000

L14.Temp 98.235041 53.585344 1.833 0.067

L14.Precip. horaria -0.028304 0.082888 -0.341 0.733

L14.Temp. prom aire -0.015585 0.007847 -1.986 0.047

L15.Conduct 110.107868 33.136978 3.323 0.001

L15.Water -527.582518 119.586992 -4.412 0.000

L15.Temp -85.454129 55.274244 -1.546 0.122

L15.Precip. horaria 0.084628 0.082787 1.022 0.307

L15.Temp. prom aire 0.002434 0.008005 0.304 0.761

L16.Conduct -85.254165 32.991918 -2.584 0.010

L16.Water 409.748664 122.037062 3.358 0.001

L16.Temp 64.789740 56.309514 1.151 0.250

L16.Precip. horaria -0.162334 0.084784 -1.915 0.056

L16.Temp. prom aire -0.001598 0.007697 -0.208 0.836

L17.Conduct 36.113046 31.714840 1.139 0.255

L17.Water -160.337130 119.171998 -1.345 0.178

L17.Temp -32.700853 57.801223 -0.566 0.572

L17.Precip. horaria -0.032220 0.083757 -0.385 0.700

L17.Temp. prom aire 0.011235 0.007735 1.453 0.146

L18.Conduct 18.565196 30.821207 0.602 0.547

L18.Water -118.104472 116.330258 -1.015 0.310

L18.Temp -3.239558 61.207757 -0.053 0.958

L18.Precip. horaria 0.109964 0.080710 1.362 0.173

L18.Temp. prom aire 0.005004 0.007558 0.662 0.508

L19.Conduct -62.472820 31.755031 -1.967 0.049

L19.Water 343.782324 119.513970 2.877 0.004

L19.Temp 27.006294 64.102152 0.421 0.674

L19.Precip. horaria 0.013491 0.078719 0.171 0.864

L19.Temp. prom aire -0.004502 0.007521 -0.599 0.549

L20.Conduct 93.996616 33.654328 2.793 0.005

L20.Water -513.547209 126.823231 -4.049 0.000

L20.Temp -32.432937 65.198046 -0.497 0.619

L20.Precip. horaria -0.024414 0.082617 -0.296 0.768

L20.Temp. prom aire 0.010989 0.007382 1.489 0.137

L21.Conduct -111.204314 35.358998 -3.145 0.002

L21.Water 631.665674 136.517757 4.627 0.000

L21.Temp 29.008909 65.678186 0.442 0.659

L21.Precip. horaria -0.150194 0.082950 -1.811 0.070

L21.Temp. prom aire 0.019268 0.007479 2.576 0.010

L22.Conduct 116.809000 36.469768 3.203 0.001

L22.Water -686.354785 147.714783 -4.646 0.000

L22.Temp -36.574208 66.201247 -0.552 0.581

L22.Precip. horaria -0.089644 0.087002 -1.030 0.303

L22.Temp. prom aire -0.022699 0.007700 -2.948 0.003

L23.Conduct -108.440255 36.426094 -2.977 0.003

L23.Water 639.600945 154.387319 4.143 0.000

L23.Temp 57.223325 65.874452 0.869 0.385

L23.Precip. horaria 0.071238 0.086611 0.822 0.411

L23.Temp. prom aire 0.010838 0.007916 1.369 0.171

L24.Conduct 76.967087 34.666646 2.220 0.026

L24.Water -462.362393 152.284552 -3.036 0.002

L24.Temp -68.753823 65.533792 -1.049 0.294

L24.Precip. horaria -0.101820 0.084036 -1.212 0.226

L24.Temp. prom aire -0.003754 0.007990 -0.470 0.638

L25.Conduct -29.806264 31.952571 -0.933 0.351

L25.Water 201.810612 144.528641 1.396 0.163

L25.Temp 60.959846 67.774011 0.899 0.368

L25.Precip. horaria -0.105862 0.081634 -1.297 0.195

L25.Temp. prom aire -0.000269 0.008139 -0.033 0.974

L26.Conduct -20.341775 30.312370 -0.671 0.502

L26.Water 69.322171 138.011925 0.502 0.615

L26.Temp -45.811534 70.476784 -0.650 0.516

L26.Precip. horaria -0.023984 0.083161 -0.288 0.773

L26.Temp. prom aire 0.000923 0.008114 0.114 0.909

L27.Conduct 65.447673 30.404158 2.153 0.031

L27.Water -320.700182 134.848987 -2.378 0.017

L27.Temp 37.016713 70.212138 0.527 0.598

L27.Precip. horaria -0.047219 0.080659 -0.585 0.558

L27.Temp. prom aire 0.000792 0.008153 0.097 0.923

L28.Conduct -96.284886 31.299009 -3.076 0.002

L28.Water 543.386642 134.883733 4.029 0.000

L28.Temp -30.638811 68.025747 -0.450 0.652

L28.Precip. horaria 0.022943 0.077712 0.295 0.768

L28.Temp. prom aire 0.008178 0.007960 1.027 0.304

L29.Conduct 112.682645 32.166383 3.503 0.000

L29.Water -704.596657 138.804453 -5.076 0.000

L29.Temp 7.894426 66.167256 0.119 0.905

L29.Precip. horaria 0.050548 0.076682 0.659 0.510

L29.Temp. prom aire 0.002874 0.007831 0.367 0.714

L30.Conduct -112.641765 32.368518 -3.480 0.001

L30.Water 741.865081 143.849018 5.157 0.000

L30.Temp 27.320785 63.994230 0.427 0.669

L30.Precip. horaria 0.120304 0.074430 1.616 0.106

L30.Temp. prom aire -0.018024 0.007814 -2.306 0.021

L31.Conduct 87.218372 30.779294 2.834 0.005

L31.Water -623.936375 143.913040 -4.336 0.000

L31.Temp -47.865544 60.641344 -0.789 0.430

L31.Precip. horaria -0.063285 0.074422 -0.850 0.395

L31.Temp. prom aire 0.017283 0.008032 2.152 0.031

L32.Conduct -41.707422 26.943580 -1.548 0.122

L32.Water 393.201803 135.712921 2.897 0.004

L32.Temp 44.624711 58.568688 0.762 0.446

L32.Precip. horaria 0.142171 0.072886 1.951 0.051

L32.Temp. prom aire 0.001466 0.008107 0.181 0.857

L33.Conduct -11.627410 22.544422 -0.516 0.606

L33.Water -115.591420 123.456578 -0.936 0.349

L33.Temp -27.988400 59.047601 -0.474 0.636

L33.Precip. horaria 0.019007 0.075063 0.253 0.800

L33.Temp. prom aire 0.006676 0.007953 0.839 0.401

L34.Conduct 61.073613 20.138090 3.033 0.002

L34.Water -161.439842 113.724147 -1.420 0.156

L34.Temp 11.463989 59.232304 0.194 0.847

L34.Precip. horaria 0.047205 0.075335 0.627 0.531

L34.Temp. prom aire -0.004223 0.008005 -0.528 0.598

L35.Conduct -90.373749 20.161631 -4.482 0.000

L35.Water 386.453980 109.054975 3.544 0.000

L35.Temp 1.132682 58.271353 0.019 0.984

L35.Precip. horaria -0.145803 0.073700 -1.978 0.048

L35.Temp. prom aire -0.007561 0.008022 -0.943 0.346

L36.Conduct 96.335845 20.838120 4.623 0.000

L36.Water -513.393750 109.804547 -4.676 0.000

L36.Temp -22.518773 57.294712 -0.393 0.694

L36.Precip. horaria 0.026848 0.074497 0.360 0.719

L36.Temp. prom aire -0.003849 0.008051 -0.478 0.633

L37.Conduct -88.605660 20.566531 -4.308 0.000

L37.Water 531.361844 111.904463 4.748 0.000

L37.Temp 52.390282 55.179749 0.949 0.342

L37.Precip. horaria -0.042763 0.073960 -0.578 0.563

L37.Temp. prom aire 0.008404 0.008330 1.009 0.313

L38.Conduct 71.000319 18.356663 3.868 0.000

L38.Water -447.770645 106.481092 -4.205 0.000

L38.Temp -70.947940 49.430895 -1.435 0.151

L38.Precip. horaria 0.104907 0.075629 1.387 0.165

L38.Temp. prom aire -0.002527 0.008322 -0.304 0.761

L39.Conduct -45.687718 13.971634 -3.270 0.001

L39.Water 289.999458 91.271010 3.177 0.001

L39.Temp 69.937886 40.548281 1.725 0.085

L39.Precip. horaria -0.133424 0.077610 -1.719 0.086

L39.Temp. prom aire 0.003723 0.008298 0.449 0.654

L40.Conduct 18.514375 8.479824 2.183 0.029

L40.Water -116.907997 74.253240 -1.574 0.115

L40.Temp -54.976051 33.897389 -1.622 0.105

L40.Precip. horaria 0.189428 0.077102 2.457 0.014

L40.Temp. prom aire -0.013183 0.008262 -1.596 0.111

L41.Conduct 2.435147 4.237420 0.575 0.566

L41.Water -20.339485 63.777516 -0.319 0.750

L41.Temp 36.291892 32.632039 1.112 0.266

L41.Precip. horaria -0.102114 0.077086 -1.325 0.185

L41.Temp. prom aire 0.007590 0.008332 0.911 0.362

L42.Conduct -10.559394 3.142768 -3.360 0.001

L42.Water 103.725018 59.590234 1.741 0.082

L42.Temp -19.953143 33.131655 -0.602 0.547

L42.Precip. horaria 0.180848 0.084037 2.152 0.031

L42.Temp. prom aire 0.007067 0.008201 0.862 0.389

L43.Conduct 10.075292 3.054794 3.298 0.001

L43.Water -136.479452 57.863251 -2.359 0.018

L43.Temp 1.266660 33.168544 0.038 0.970

L43.Precip. horaria 0.027640 0.096642 0.286 0.775

L43.Temp. prom aire 0.001838 0.008247 0.223 0.824

L44.Conduct -8.581330 2.706288 -3.171 0.002

L44.Water 130.728862 54.242999 2.410 0.016

L44.Temp 16.597774 31.708512 0.523 0.601

L44.Precip. horaria 0.145122 0.095162 1.525 0.127

L44.Temp. prom aire 0.001443 0.008154 0.177 0.860

L45.Conduct 6.215101 2.339183 2.657 0.008

L45.Water -96.381532 44.573797 -2.162 0.031

L45.Temp -22.481124 27.041478 -0.831 0.406

L45.Precip. horaria -0.135157 0.094585 -1.429 0.153

L45.Temp. prom aire -0.001888 0.008159 -0.231 0.817

L46.Conduct -3.080063 2.099462 -1.467 0.142

L46.Water 48.611497 28.629702 1.698 0.090

L46.Temp 17.063935 18.423560 0.926 0.354

L46.Precip. horaria 0.168935 0.102002 1.656 0.098

L46.Temp. prom aire 0.004202 0.008129 0.517 0.605

L47.Conduct 1.272689 1.360360 0.936 0.350

L47.Water -13.690098 12.209993 -1.121 0.262

L47.Temp -8.297451 8.451443 -0.982 0.326

L47.Precip. horaria -0.217380 0.093288 -2.330 0.020

L47.Temp. prom aire -0.002687 0.008015 -0.335 0.737

L48.Conduct -0.402538 0.385145 -1.045 0.296

L48.Water 1.475624 2.487049 0.593 0.553

L48.Temp 1.952609 1.860916 1.049 0.294

L48.Precip. horaria 0.180323 0.096802 1.863 0.062

L48.Temp. prom aire 0.003722 0.007510 0.496 0.620

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 3.104234 2.268776 1.368 0.171

L1.Conduct -6.518220 10.130700 -0.643 0.520

L1.Water -25.826958 35.540974 -0.727 0.467

L1.Temp 12.140649 18.417999 0.659 0.510

L1.Precip. horaria 0.482670 0.713308 0.677 0.499

L1.Temp. prom aire 0.367670 0.071496 5.143 0.000

L2.Conduct 32.943532 43.822105 0.752 0.452

L2.Water 136.202767 160.795643 0.847 0.397

L2.Temp -53.888786 80.621386 -0.668 0.504

L2.Precip. horaria -0.072713 0.731985 -0.099 0.921

L2.Temp. prom aire 0.125010 0.075822 1.649 0.099

L3.Conduct -74.213852 90.754965 -0.818 0.414

L3.Water -349.928488 339.011614 -1.032 0.302

L3.Temp 118.759831 169.342887 0.701 0.483

L3.Precip. horaria -0.211127 0.721251 -0.293 0.770

L3.Temp. prom aire -0.041788 0.074361 -0.562 0.574

L4.Conduct 104.335587 129.209271 0.807 0.419

L4.Water 612.189880 472.213893 1.296 0.195

L4.Temp -135.523372 241.684893 -0.561 0.575

L4.Precip. horaria 0.010037 0.777498 0.013 0.990

L4.Temp. prom aire 0.024680 0.074943 0.329 0.742

L5.Conduct -111.410876 151.853544 -0.734 0.463

L5.Water -808.377067 529.503727 -1.527 0.127

L5.Temp 87.145263 280.353179 0.311 0.756

L5.Precip. horaria -0.025379 0.743773 -0.034 0.973

L5.Temp. prom aire -0.025046 0.075235 -0.333 0.739

L6.Conduct 104.142744 164.414209 0.633 0.526

L6.Water 818.181044 551.814354 1.483 0.138

L6.Temp -117.688215 296.640871 -0.397 0.692

L6.Precip. horaria -0.178561 0.769105 -0.232 0.816

L6.Temp. prom aire -0.050337 0.075308 -0.668 0.504

L7.Conduct -73.970674 176.950753 -0.418 0.676

L7.Water -733.813928 588.628100 -1.247 0.213

L7.Temp 269.097905 308.083828 0.873 0.382

L7.Precip. horaria 0.291961 0.771911 0.378 0.705

L7.Temp. prom aire 0.215082 0.076275 2.820 0.005

L8.Conduct -10.500339 192.529083 -0.055 0.957

L8.Water 778.688219 654.305916 1.190 0.234

L8.Temp -346.226740 323.480288 -1.070 0.284

L8.Precip. horaria -0.431395 0.791787 -0.545 0.586

L8.Temp. prom aire -0.063869 0.078053 -0.818 0.413

L9.Conduct 145.254671 212.879664 0.682 0.495

L9.Water -873.204160 747.599227 -1.168 0.243

L9.Temp 213.042877 355.487468 0.599 0.549

L9.Precip. horaria -0.331504 0.816769 -0.406 0.685

L9.Temp. prom aire -0.084417 0.078311 -1.078 0.281

L10.Conduct -277.792502 239.086877 -1.162 0.245

L10.Water 753.880049 863.643884 0.873 0.383

L10.Temp 71.841481 419.051204 0.171 0.864

L10.Precip. horaria 0.517595 0.816248 0.634 0.526

L10.Temp. prom aire -0.011524 0.079783 -0.144 0.885

L11.Conduct 354.409856 263.680695 1.344 0.179

L11.Water -368.226446 958.150293 -0.384 0.701

L11.Temp -390.204589 484.393308 -0.806 0.421

L11.Precip. horaria 1.935660 0.847942 2.283 0.022

L11.Temp. prom aire -0.057550 0.080507 -0.715 0.475

L12.Conduct -351.784649 284.716671 -1.236 0.217

L12.Water -121.240871 1015.354364 -0.119 0.905

L12.Temp 624.590368 518.685843 1.204 0.229

L12.Precip. horaria -0.662131 0.852116 -0.777 0.437

L12.Temp. prom aire -0.030666 0.081108 -0.378 0.705

L13.Conduct 290.435604 303.999644 0.955 0.339

L13.Water 495.591750 1065.830592 0.465 0.642

L13.Temp -714.853835 529.787572 -1.349 0.177

L13.Precip. horaria -0.298194 0.862631 -0.346 0.730

L13.Temp. prom aire 0.068757 0.079597 0.864 0.388

L14.Conduct -208.126296 322.583044 -0.645 0.519

L14.Water -730.371987 1137.828032 -0.642 0.521

L14.Temp 742.348891 541.392666 1.371 0.170

L14.Precip. horaria -0.282185 0.837447 -0.337 0.736

L14.Temp. prom aire 0.132887 0.079280 1.676 0.094

L15.Conduct 107.951734 334.795211 0.322 0.747

L15.Water 993.839078 1208.231863 0.823 0.411

L15.Temp -831.235562 558.456249 -1.488 0.137

L15.Precip. horaria 0.173088 0.836431 0.207 0.836

L15.Temp. prom aire -0.138872 0.080882 -1.717 0.086

L16.Conduct 28.303367 333.329616 0.085 0.932

L16.Water -1352.103736 1232.985828 -1.097 0.273

L16.Temp 915.724939 568.915968 1.610 0.107

L16.Precip. horaria -0.600676 0.856606 -0.701 0.483

L16.Temp. prom aire 0.010822 0.077765 0.139 0.889

L17.Conduct -177.673593 320.426826 -0.554 0.579

L17.Water 1675.870916 1204.039019 1.392 0.164

L17.Temp -778.887961 583.987253 -1.334 0.182

L17.Precip. horaria 1.049835 0.846231 1.241 0.215

L17.Temp. prom aire 0.172965 0.078148 2.213 0.027

L18.Conduct 280.602295 311.398119 0.901 0.368

L18.Water -1638.532883 1175.327861 -1.394 0.163

L18.Temp 426.582994 618.404734 0.690 0.490

L18.Precip. horaria 0.702943 0.815441 0.862 0.389

L18.Temp. prom aire -0.052246 0.076360 -0.684 0.494

L19.Conduct -325.857935 320.832890 -1.016 0.310

L19.Water 1085.592883 1207.494088 0.899 0.369

L19.Temp -124.659301 647.647887 -0.192 0.847

L19.Precip. horaria -0.486505 0.795327 -0.612 0.541

L19.Temp. prom aire -0.026705 0.075986 -0.351 0.725

L20.Conduct 360.359226 340.022191 1.060 0.289

L20.Water -402.885816 1281.342275 -0.314 0.753

L20.Temp -67.733092 658.720109 -0.103 0.918

L20.Precip. horaria -0.071798 0.834713 -0.086 0.931

L20.Temp. prom aire -0.048404 0.074578 -0.649 0.516

L21.Conduct -396.113389 357.245111 -1.109 0.268

L21.Water -84.525447 1379.289671 -0.061 0.951

L21.Temp 390.156500 663.571143 0.588 0.557

L21.Precip. horaria 0.519135 0.838071 0.619 0.536

L21.Temp. prom aire 0.140496 0.075567 1.859 0.063

L22.Conduct 387.347205 368.467630 1.051 0.293

L22.Water 533.972719 1492.417393 0.358 0.721

L22.Temp -913.428228 668.855826 -1.366 0.172

L22.Precip. horaria 0.366478 0.879013 0.417 0.677

L22.Temp. prom aire -0.012517 0.077793 -0.161 0.872

L23.Conduct -296.144587 368.026377 -0.805 0.421

L23.Water -1107.023130 1559.832505 -0.710 0.478

L23.Temp 1374.734824 665.554088 2.066 0.039

L23.Precip. horaria 0.817970 0.875068 0.935 0.350

L23.Temp. prom aire 0.015537 0.079979 0.194 0.846

L24.Conduct 128.467788 350.250016 0.367 0.714

L24.Water 1667.996154 1538.587470 1.084 0.278

L24.Temp -1503.477945 662.112271 -2.271 0.023

L24.Precip. horaria 0.143123 0.849047 0.169 0.866

L24.Temp. prom aire -0.147163 0.080722 -1.823 0.068

L25.Conduct 63.871037 322.828708 0.198 0.843

L25.Water -1905.107606 1460.226620 -1.305 0.192

L25.Temp 1315.500429 684.746037 1.921 0.055

L25.Precip. horaria -1.542430 0.824776 -1.870 0.061

L25.Temp. prom aire 0.070408 0.082235 0.856 0.392

L26.Conduct -202.567910 306.257153 -0.661 0.508

L26.Water 1654.268525 1394.385812 1.186 0.235

L26.Temp -1051.560140 712.053164 -1.477 0.140

L26.Precip. horaria 1.632078 0.840202 1.942 0.052

L26.Temp. prom aire -0.010202 0.081983 -0.124 0.901

L27.Conduct 247.365898 307.184514 0.805 0.421

L27.Water -1090.467858 1362.429476 -0.800 0.423

L27.Temp 845.529561 709.379348 1.192 0.233

L27.Precip. horaria -0.625075 0.814931 -0.767 0.443

L27.Temp. prom aire 0.035863 0.082378 0.435 0.663

L28.Conduct -215.349076 316.225531 -0.681 0.496

L28.Water 377.238552 1362.780526 0.277 0.782

L28.Temp -578.010352 687.289427 -0.841 0.400

L28.Precip. horaria -0.790731 0.785149 -1.007 0.314

L28.Temp. prom aire -0.120451 0.080418 -1.498 0.134

L29.Conduct 129.921649 324.988936 0.400 0.689

L29.Water 475.554214 1402.393015 0.339 0.735

L29.Temp 100.970789 668.512395 0.151 0.880

L29.Precip. horaria 0.380490 0.774746 0.491 0.623

L29.Temp. prom aire -0.009373 0.079123 -0.118 0.906

L30.Conduct -19.662422 327.031180 -0.060 0.952

L30.Water -1270.488143 1453.360136 -0.874 0.382

L30.Temp 484.791969 646.557510 0.750 0.453

L30.Precip. horaria 1.354615 0.751993 1.801 0.072

L30.Temp. prom aire 0.030525 0.078951 0.387 0.699

L31.Conduct -71.630014 310.974652 -0.230 0.818

L31.Water 1687.365037 1454.006974 1.160 0.246

L31.Temp -880.743148 612.682049 -1.438 0.151

L31.Precip. horaria -1.664145 0.751908 -2.213 0.027

L31.Temp. prom aire 0.039762 0.081146 0.490 0.624

L32.Conduct 131.742222 272.221013 0.484 0.628

L32.Water -1662.156251 1371.158118 -1.212 0.225

L32.Temp 985.309504 591.741244 1.665 0.096

L32.Precip. horaria 1.341447 0.736395 1.822 0.069

L32.Temp. prom aire -0.032784 0.081908 -0.400 0.689

L33.Conduct -181.301142 227.774679 -0.796 0.426

L33.Water 1474.096317 1247.327731 1.182 0.237

L33.Temp -1005.394460 596.579878 -1.685 0.092

L33.Precip. horaria 0.415580 0.758390 0.548 0.584

L33.Temp. prom aire 0.111562 0.080348 1.388 0.165

L34.Conduct 213.892468 203.462616 1.051 0.293

L34.Water -1400.857613 1148.997353 -1.219 0.223

L34.Temp 1066.102671 598.445998 1.781 0.075

L34.Precip. horaria -0.235660 0.761133 -0.310 0.757

L34.Temp. prom aire -0.011217 0.080873 -0.139 0.890

L35.Conduct -183.177943 203.700462 -0.899 0.369

L35.Water 1266.500756 1101.822973 1.149 0.250

L35.Temp -1044.114787 588.737156 -1.773 0.076

L35.Precip. horaria -0.339986 0.744614 -0.457 0.648

L35.Temp. prom aire -0.102506 0.081047 -1.265 0.206

L36.Conduct 74.190830 210.535275 0.352 0.725

L36.Water -700.370291 1109.396181 -0.631 0.528

L36.Temp 827.821301 578.869785 1.430 0.153

L36.Precip. horaria 0.493854 0.752674 0.656 0.512

L36.Temp. prom aire 0.203920 0.081340 2.507 0.012

L37.Conduct 40.974161 207.791311 0.197 0.844

L37.Water -221.436934 1130.612414 -0.196 0.845

L37.Temp -488.473228 557.501529 -0.876 0.381

L37.Precip. horaria -0.320359 0.747247 -0.429 0.668

L37.Temp. prom aire -0.074607 0.084160 -0.886 0.375

L38.Conduct -80.800237 185.464197 -0.436 0.663

L38.Water 1046.350487 1075.818081 0.973 0.331

L38.Temp 153.891223 499.418718 0.308 0.758

L38.Precip. horaria 1.338892 0.764107 1.752 0.080

L38.Temp. prom aire 0.023798 0.084077 0.283 0.777

L39.Conduct 57.453764 141.160613 0.407 0.684

L39.Water -1447.560058 922.144964 -1.570 0.116

L39.Temp 136.351689 409.674364 0.333 0.739

L39.Precip. horaria -0.513615 0.784119 -0.655 0.512

L39.Temp. prom aire -0.087662 0.083833 -1.046 0.296

L40.Conduct -29.877002 85.674814 -0.349 0.727

L40.Water 1431.837154 750.208098 1.909 0.056

L40.Temp -365.359734 342.477931 -1.067 0.286

L40.Precip. horaria 0.520706 0.778992 0.668 0.504

L40.Temp. prom aire 0.105835 0.083471 1.268 0.205

L41.Conduct 14.402037 42.812227 0.336 0.737

L41.Water -1211.461944 644.367962 -1.880 0.060

L41.Temp 476.666247 329.693623 1.446 0.148

L41.Precip. horaria 0.678104 0.778833 0.871 0.384

L41.Temp. prom aire 0.097621 0.084183 1.160 0.246

L42.Conduct 1.462681 31.752553 0.046 0.963

L42.Water 942.725820 602.062298 1.566 0.117

L42.Temp -467.697551 334.741428 -1.397 0.162

L42.Precip. horaria -0.052318 0.849059 -0.062 0.951

L42.Temp. prom aire -0.032781 0.082853 -0.396 0.692

L43.Conduct -21.198580 30.863716 -0.687 0.492

L43.Water -617.372420 584.613945 -1.056 0.291

L43.Temp 396.996340 335.114139 1.185 0.236

L43.Precip. horaria -0.489895 0.976412 -0.502 0.616

L43.Temp. prom aire 0.013076 0.083320 0.157 0.875

L44.Conduct 35.797357 27.342639 1.309 0.190

L44.Water 221.043969 548.037192 0.403 0.687

L44.Temp -310.689093 320.362889 -0.970 0.332

L44.Precip. horaria -0.060970 0.961452 -0.063 0.949

L44.Temp. prom aire 0.032137 0.082385 0.390 0.696

L45.Conduct -33.143574 23.633635 -1.402 0.161

L45.Water 114.312812 450.345655 0.254 0.800

L45.Temp 214.172041 273.210115 0.784 0.433

L45.Precip. horaria 1.092789 0.955628 1.144 0.253

L45.Temp. prom aire 0.013882 0.082438 0.168 0.866

L46.Conduct 17.424300 21.211649 0.821 0.411

L46.Water -226.204329 289.256531 -0.782 0.434

L46.Temp -103.597879 186.140081 -0.557 0.578

L46.Precip. horaria -1.368197 1.030561 -1.328 0.184

L46.Temp. prom aire -0.029241 0.082128 -0.356 0.722

L47.Conduct -4.967762 13.744223 -0.361 0.718

L47.Water 139.231589 123.362105 1.129 0.259

L47.Temp 22.893793 85.388069 0.268 0.789

L47.Precip. horaria 2.697316 0.942527 2.862 0.004

L47.Temp. prom aire -0.127437 0.080982 -1.574 0.116

L48.Conduct 0.658920 3.891265 0.169 0.866

L48.Water -32.966800 25.127582 -1.312 0.190

L48.Temp 0.422599 18.801525 0.022 0.982

L48.Precip. horaria 1.089931 0.978029 1.114 0.265

L48.Temp. prom aire 0.002678 0.075881 0.035 0.972

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.694055 0.104833 0.008284 0.019674

Water 0.694055 1.000000 0.180808 -0.114235 -0.065433

Temp 0.104833 0.180808 1.000000 0.001486 -0.116013

Precip. horaria 0.008284 -0.114235 0.001486 1.000000 0.106440

Temp. prom aire 0.019674 -0.065433 -0.116013 0.106440 1.000000

Coeficientes regresiones para series temporales semanales:

* Lag 2:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 2.57130

Nobs: 69.0000 HQIC: 1.49700

Log likelihood: -461.806 FPE: 2.23493

AIC: 0.790493 Det(Omega\_mle): 1.06674

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 25.016447 10.520011 2.378 0.017

L1.Conduct 0.648217 0.168151 3.855 0.000

L1.Water 0.020422 0.500377 0.041 0.967

L1.Temp -0.957342 0.553620 -1.729 0.084

L1.Precip. horaria 19.145595 7.323333 2.614 0.009

L1.Temp. prom aire 0.124276 0.534054 0.233 0.816

L2.Conduct 0.056785 0.130951 0.434 0.665

L2.Water -0.184388 0.352692 -0.523 0.601

L2.Temp -0.216751 0.509242 -0.426 0.670

L2.Precip. horaria -6.442369 7.387647 -0.872 0.383

L2.Temp. prom aire 0.786757 0.491780 1.600 0.110

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.793273 3.400234 1.704 0.088

L1.Conduct -0.046928 0.054349 -0.863 0.388

L1.Water 0.822089 0.161730 5.083 0.000

L1.Temp -0.359102 0.178939 -2.007 0.045

L1.Precip. horaria 5.631321 2.367017 2.379 0.017

L1.Temp. prom aire 0.020028 0.172615 0.116 0.908

L2.Conduct 0.039820 0.042325 0.941 0.347

L2.Water -0.015409 0.113996 -0.135 0.892

L2.Temp 0.140349 0.164595 0.853 0.394

L2.Precip. horaria -3.521997 2.387804 -1.475 0.140

L2.Temp. prom aire 0.131689 0.158951 0.828 0.407

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -3.388785 3.195756 -1.060 0.289

L1.Conduct 0.083352 0.051081 1.632 0.103

L1.Water -0.300041 0.152004 -1.974 0.048

L1.Temp 0.854655 0.168178 5.082 0.000

L1.Precip. horaria -3.834553 2.224673 -1.724 0.085

L1.Temp. prom aire 0.151121 0.162234 0.931 0.352

L2.Conduct -0.008407 0.039780 -0.211 0.833

L2.Water 0.244164 0.107140 2.279 0.023

L2.Temp 0.299597 0.154697 1.937 0.053

L2.Precip. horaria 0.923822 2.244210 0.412 0.681

L2.Temp. prom aire -0.273778 0.149392 -1.833 0.067

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.178494 0.183721 -0.972 0.331

L1.Conduct -0.005308 0.002937 -1.808 0.071

L1.Water 0.009640 0.008739 1.103 0.270

L1.Temp -0.031112 0.009668 -3.218 0.001

L1.Precip. horaria 0.285162 0.127895 2.230 0.026

L1.Temp. prom aire 0.007979 0.009327 0.856 0.392

L2.Conduct 0.004732 0.002287 2.069 0.039

L2.Water -0.003243 0.006159 -0.527 0.599

L2.Temp 0.020428 0.008893 2.297 0.022

L2.Precip. horaria -0.200829 0.129018 -1.557 0.120

L2.Temp. prom aire 0.015080 0.008588 1.756 0.079

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.444972 3.338363 1.331 0.183

L1.Conduct 0.128114 0.053360 2.401 0.016

L1.Water -0.314770 0.158787 -1.982 0.047

L1.Temp 0.246660 0.175683 1.404 0.160

L1.Precip. horaria -2.875772 2.323946 -1.237 0.216

L1.Temp. prom aire 0.069871 0.169474 0.412 0.680

L2.Conduct -0.074536 0.041555 -1.794 0.073

L2.Water 0.220440 0.111921 1.970 0.049

L2.Temp 0.190387 0.161600 1.178 0.239

L2.Precip. horaria 1.287684 2.344355 0.549 0.583

L2.Temp. prom aire -0.005021 0.156059 -0.032 0.974

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.716183 -0.181071 0.102132 -0.167981

Water 0.716183 1.000000 -0.176343 0.266400 -0.273311

Temp -0.181071 -0.176343 1.000000 0.226414 0.682352

Precip. horaria 0.102132 0.266400 0.226414 1.000000 0.086861

Temp. prom aire -0.167981 -0.273311 0.682352 0.086861 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 2.54708

Nobs: 69.0000 HQIC: 1.47277

Log likelihood: -460.970 FPE: 2.18143

AIC: 0.766267 Det(Omega\_mle): 1.04121

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Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 36.773080 8.523314 4.314 0.000

L1.Conduct 1.040919 0.140426 7.413 0.000

L1.Water -1.573762 0.457223 -3.442 0.001

L1.Temp -1.857385 0.468771 -3.962 0.000

L1.Precip. horaria 16.969763 6.557230 2.588 0.010

L1.Temp. prom aire 1.019485 0.485821 2.098 0.036

L2.Conduct -0.296461 0.123616 -2.398 0.016

L2.Water 0.449936 0.398571 1.129 0.259

L2.Temp -0.160049 0.412438 -0.388 0.698

L2.Precip. horaria -1.529131 6.701068 -0.228 0.819

L2.Temp. prom aire 1.100428 0.475903 2.312 0.021

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 8.894439 2.994117 2.971 0.003

L1.Conduct -0.022617 0.049330 -0.458 0.647

L1.Water 0.623644 0.160616 3.883 0.000

L1.Temp -0.471582 0.164673 -2.864 0.004

L1.Precip. horaria 6.440912 2.303460 2.796 0.005

L1.Temp. prom aire 0.191212 0.170662 1.120 0.263

L2.Conduct 0.002966 0.043425 0.068 0.946

L2.Water 0.046576 0.140012 0.333 0.739

L2.Temp 0.059556 0.144884 0.411 0.681

L2.Precip. horaria -3.057558 2.353988 -1.299 0.194

L2.Temp. prom aire 0.187534 0.167178 1.122 0.262

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -6.491835 3.409391 -1.904 0.057

L1.Conduct 0.010137 0.056172 0.180 0.857

L1.Water 0.073828 0.182893 0.404 0.686

L1.Temp 0.659068 0.187512 3.515 0.000

L1.Precip. horaria -4.698192 2.622943 -1.791 0.073

L1.Temp. prom aire 0.332309 0.194332 1.710 0.087

L2.Conduct 0.002209 0.049447 0.045 0.964

L2.Water 0.148627 0.159431 0.932 0.351

L2.Temp 0.421529 0.164979 2.555 0.011

L2.Precip. horaria -0.197173 2.680479 -0.074 0.941

L2.Temp. prom aire -0.235516 0.190365 -1.237 0.216

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.075739 0.178987 -0.423 0.672

L1.Conduct -0.002568 0.002949 -0.871 0.384

L1.Water 0.006738 0.009602 0.702 0.483

L1.Temp -0.014867 0.009844 -1.510 0.131

L1.Precip. horaria 0.164781 0.137700 1.197 0.231

L1.Temp. prom aire -0.001111 0.010202 -0.109 0.913

L2.Conduct 0.001872 0.002596 0.721 0.471

L2.Water 0.000321 0.008370 0.038 0.969

L2.Temp 0.009223 0.008661 1.065 0.287

L2.Precip. horaria -0.197028 0.140721 -1.400 0.161

L2.Temp. prom aire 0.012267 0.009994 1.227 0.220

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.799236 3.161193 -0.885 0.376

L1.Conduct 0.071045 0.052082 1.364 0.173

L1.Water -0.044718 0.169579 -0.264 0.792

L1.Temp 0.187882 0.173862 1.081 0.280

L1.Precip. horaria -3.788443 2.431997 -1.558 0.119

L1.Temp. prom aire 0.132585 0.180185 0.736 0.462

L2.Conduct -0.025852 0.045848 -0.564 0.573

L2.Water 0.231926 0.147825 1.569 0.117

L2.Temp 0.373872 0.152968 2.444 0.015

L2.Precip. horaria 0.030565 2.485345 0.012 0.990

L2.Temp. prom aire -0.062894 0.176507 -0.356 0.722

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.714198 -0.322364 0.120938 -0.191734

Water 0.714198 1.000000 -0.304426 0.406642 -0.216966

Temp -0.322364 -0.304426 1.000000 -0.059995 0.699050

Precip. horaria 0.120938 0.406642 -0.059995 1.000000 -0.023585

Temp. prom aire -0.191734 -0.216966 0.699050 -0.023585 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 6.49226

Nobs: 69.0000 HQIC: 5.41796

Log likelihood: -597.079 FPE: 112.749

AIC: 4.71145 Det(Omega\_mle): 53.8157

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 85.539819 32.745506 2.612 0.009

L1.Conduct 0.578460 0.152296 3.798 0.000

L1.Water -1.061762 1.097315 -0.968 0.333

L1.Temp -3.294574 1.657704 -1.987 0.047

L1.Precip. horaria 60.242960 27.672733 2.177 0.029

L1.Temp. prom aire 0.574767 1.682715 0.342 0.733

L2.Conduct 0.080596 0.134595 0.599 0.549

L2.Water 0.167878 0.889495 0.189 0.850

L2.Temp -0.356889 1.496078 -0.239 0.811

L2.Precip. horaria -9.551967 27.236136 -0.351 0.726

L2.Temp. prom aire 2.376511 1.612470 1.474 0.141

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 7.461686 4.404782 1.694 0.090

L1.Conduct -0.038920 0.020486 -1.900 0.057

L1.Water 1.073316 0.147606 7.271 0.000

L1.Temp -0.379248 0.222987 -1.701 0.089

L1.Precip. horaria 7.080969 3.722415 1.902 0.057

L1.Temp. prom aire 0.101335 0.226352 0.448 0.654

L2.Conduct 0.014941 0.018105 0.825 0.409

L2.Water -0.171534 0.119651 -1.434 0.152

L2.Temp -0.050615 0.201246 -0.252 0.801

L2.Precip. horaria -6.972321 3.663686 -1.903 0.057

L2.Temp. prom aire 0.343603 0.216902 1.584 0.113

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.252741 3.634637 -0.620 0.535

L1.Conduct 0.002177 0.016904 0.129 0.898

L1.Water -0.023694 0.121798 -0.195 0.846

L1.Temp 0.848755 0.183999 4.613 0.000

L1.Precip. horaria -3.367893 3.071577 -1.096 0.273

L1.Temp. prom aire 0.204956 0.186776 1.097 0.272

L2.Conduct -0.001445 0.014940 -0.097 0.923

L2.Water 0.108373 0.098731 1.098 0.272

L2.Temp 0.176078 0.166059 1.060 0.289

L2.Precip. horaria 1.691905 3.023116 0.560 0.576

L2.Temp. prom aire -0.202704 0.178979 -1.133 0.257

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.049144 0.168592 0.291 0.771

L1.Conduct -0.001757 0.000784 -2.241 0.025

L1.Water 0.014612 0.005650 2.586 0.010

L1.Temp -0.016524 0.008535 -1.936 0.053

L1.Precip. horaria -0.039728 0.142475 -0.279 0.780

L1.Temp. prom aire -0.001693 0.008664 -0.195 0.845

L2.Conduct 0.000452 0.000693 0.653 0.514

L2.Water -0.005733 0.004580 -1.252 0.211

L2.Temp 0.003417 0.007703 0.444 0.657

L2.Precip. horaria -0.317807 0.140227 -2.266 0.023

L2.Temp. prom aire 0.017155 0.008302 2.066 0.039

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 3.603624 3.287452 1.096 0.273

L1.Conduct 0.003119 0.015290 0.204 0.838

L1.Water 0.007251 0.110164 0.066 0.948

L1.Temp 0.107549 0.166424 0.646 0.518

L1.Precip. horaria -3.686928 2.778176 -1.327 0.184

L1.Temp. prom aire 0.197899 0.168935 1.171 0.241

L2.Conduct 0.001553 0.013513 0.115 0.909

L2.Water -0.024260 0.089300 -0.272 0.786

L2.Temp 0.189254 0.150197 1.260 0.208

L2.Precip. horaria 0.906387 2.734345 0.331 0.740

L2.Temp. prom aire 0.088260 0.161882 0.545 0.586

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.450941 -0.358508 -0.054907 -0.285754

Water 0.450941 1.000000 0.003530 0.458700 -0.015430

Temp -0.358508 0.003530 1.000000 0.026900 0.642988

Precip. horaria -0.054907 0.458700 0.026900 1.000000 0.007701

Temp. prom aire -0.285754 -0.015430 0.642988 0.007701 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 0.0411007

Nobs: 69.0000 HQIC: -1.03320

Log likelihood: -374.514 FPE: 0.177996

AIC: -1.73971 Det(Omega\_mle): 0.0849583

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.495940 1.770875 1.409 0.159

L1.Conduct 0.315378 0.267048 1.181 0.238

L1.Water 0.188769 0.208722 0.904 0.366

L1.Temp -0.464323 0.199356 -2.329 0.020

L1.Precip. horaria 2.525642 2.547348 0.991 0.321

L1.Temp. prom aire 0.277445 0.173897 1.595 0.111

L2.Conduct 0.170989 0.167520 1.021 0.307

L2.Water -0.104175 0.149953 -0.695 0.487

L2.Temp 0.027437 0.160330 0.171 0.864

L2.Precip. horaria -3.973600 2.516856 -1.579 0.114

L2.Temp. prom aire 0.299359 0.168477 1.777 0.076

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.875087 2.218215 1.296 0.195

L1.Conduct -0.258213 0.334507 -0.772 0.440

L1.Water 0.979151 0.261448 3.745 0.000

L1.Temp -0.439238 0.249715 -1.759 0.079

L1.Precip. horaria 1.822123 3.190832 0.571 0.568

L1.Temp. prom aire 0.176754 0.217825 0.811 0.417

L2.Conduct 0.145949 0.209837 0.696 0.487

L2.Water -0.064146 0.187833 -0.342 0.733

L2.Temp 0.188063 0.200830 0.936 0.349

L2.Precip. horaria -7.114154 3.152638 -2.257 0.024

L2.Temp. prom aire 0.080379 0.211036 0.381 0.703

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.579409 1.635334 -0.354 0.723

L1.Conduct 0.029323 0.246609 0.119 0.905

L1.Water 0.028429 0.192747 0.147 0.883

L1.Temp 0.839579 0.184097 4.561 0.000

L1.Precip. horaria -5.198649 2.352377 -2.210 0.027

L1.Temp. prom aire 0.201908 0.160587 1.257 0.209

L2.Conduct -0.112300 0.154698 -0.726 0.468

L2.Water 0.109596 0.138476 0.791 0.429

L2.Temp 0.148401 0.148058 1.002 0.316

L2.Precip. horaria 0.114122 2.324219 0.049 0.961

L2.Temp. prom aire -0.169560 0.155582 -1.090 0.276

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.087210 0.093904 -0.929 0.353

L1.Conduct -0.010991 0.014161 -0.776 0.438

L1.Water 0.009349 0.011068 0.845 0.398

L1.Temp -0.020459 0.010571 -1.935 0.053

L1.Precip. horaria 0.131860 0.135078 0.976 0.329

L1.Temp. prom aire -0.000447 0.009221 -0.049 0.961

L2.Conduct 0.012433 0.008883 1.400 0.162

L2.Water -0.000806 0.007952 -0.101 0.919

L2.Temp 0.015922 0.008502 1.873 0.061

L2.Precip. horaria -0.297104 0.133462 -2.226 0.026

L2.Temp. prom aire 0.012118 0.008934 1.356 0.175

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 3.293044 1.751838 1.880 0.060

L1.Conduct 0.188881 0.264178 0.715 0.475

L1.Water -0.075179 0.206479 -0.364 0.716

L1.Temp 0.191382 0.197213 0.970 0.332

L1.Precip. horaria -4.510630 2.519964 -1.790 0.073

L1.Temp. prom aire 0.145786 0.172028 0.847 0.397

L2.Conduct -0.233165 0.165719 -1.407 0.159

L2.Water 0.185964 0.148341 1.254 0.210

L2.Temp 0.206654 0.158606 1.303 0.193

L2.Precip. horaria 0.827998 2.489799 0.333 0.739

L2.Temp. prom aire 0.010089 0.166666 0.061 0.952

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.889976 -0.263568 0.291270 -0.118210

Water 0.889976 1.000000 -0.195648 0.431525 -0.141368

Temp -0.263568 -0.195648 1.000000 0.022604 0.669199

Precip. horaria 0.291270 0.431525 0.022604 1.000000 -0.012827

Temp. prom aire -0.118210 -0.141368 0.669199 -0.012827 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 2.68050

Nobs: 69.0000 HQIC: 1.60620

Log likelihood: -465.573 FPE: 2.49280

AIC: 0.899690 Det(Omega\_mle): 1.18982

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 31.290259 7.150055 4.376 0.000

L1.Conduct 0.658728 0.142909 4.609 0.000

L1.Water -0.769306 0.371162 -2.073 0.038

L1.Temp -1.446034 0.450162 -3.212 0.001

L1.Precip. horaria 20.062838 6.519571 3.077 0.002

L1.Temp. prom aire 0.646997 0.491875 1.315 0.188

L2.Conduct -0.101068 0.128943 -0.784 0.433

L2.Water 0.355865 0.306541 1.161 0.246

L2.Temp -0.089900 0.432613 -0.208 0.835

L2.Precip. horaria -3.701656 6.716735 -0.551 0.582

L2.Temp. prom aire 0.643064 0.465809 1.381 0.167

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.065233 2.781602 1.821 0.069

L1.Conduct -0.001550 0.055596 -0.028 0.978

L1.Water 0.748827 0.144394 5.186 0.000

L1.Temp -0.388287 0.175128 -2.217 0.027

L1.Precip. horaria 4.957237 2.536324 1.954 0.051

L1.Temp. prom aire 0.155581 0.191355 0.813 0.416

L2.Conduct -0.004612 0.050163 -0.092 0.927

L2.Water 0.062016 0.119254 0.520 0.603

L2.Temp 0.116688 0.168300 0.693 0.488

L2.Precip. horaria -4.315339 2.613027 -1.651 0.099

L2.Temp. prom aire 0.096173 0.181215 0.531 0.596

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -6.124333 2.614653 -2.342 0.019

L1.Conduct 0.077334 0.052260 1.480 0.139

L1.Water -0.084244 0.135727 -0.621 0.535

L1.Temp 0.734473 0.164617 4.462 0.000

L1.Precip. horaria -4.741945 2.384096 -1.989 0.047

L1.Temp. prom aire 0.204549 0.179870 1.137 0.255

L2.Conduct 0.033657 0.047152 0.714 0.475

L2.Water 0.136963 0.112097 1.222 0.222

L2.Temp 0.495776 0.158199 3.134 0.002

L2.Precip. horaria -0.414675 2.456195 -0.169 0.866

L2.Temp. prom aire -0.358708 0.170338 -2.106 0.035

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.125607 0.144799 -0.867 0.386

L1.Conduct 0.000557 0.002894 0.192 0.847

L1.Water 0.004957 0.007517 0.660 0.510

L1.Temp -0.015836 0.009116 -1.737 0.082

L1.Precip. horaria 0.142403 0.132030 1.079 0.281

L1.Temp. prom aire 0.000767 0.009961 0.077 0.939

L2.Conduct -0.000595 0.002611 -0.228 0.820

L2.Water 0.002155 0.006208 0.347 0.729

L2.Temp 0.011677 0.008761 1.333 0.183

L2.Precip. horaria -0.219892 0.136023 -1.617 0.106

L2.Temp. prom aire 0.010192 0.009433 1.080 0.280

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -1.070313 2.428807 -0.441 0.659

L1.Conduct 0.127278 0.048545 2.622 0.009

L1.Water -0.191462 0.126080 -1.519 0.129

L1.Temp 0.152924 0.152916 1.000 0.317

L1.Precip. horaria -3.518773 2.214637 -1.589 0.112

L1.Temp. prom aire 0.089076 0.167085 0.533 0.594

L2.Conduct 0.012194 0.043801 0.278 0.781

L2.Water 0.161216 0.104129 1.548 0.122

L2.Temp 0.436027 0.146954 2.967 0.003

L2.Precip. horaria -0.127415 2.281612 -0.056 0.955

L2.Temp. prom aire -0.095702 0.158231 -0.605 0.545

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.766316 -0.065020 0.155870 -0.127568

Water 0.766316 1.000000 -0.192612 0.336677 -0.199999

Temp -0.065020 -0.192612 1.000000 -0.024567 0.661506

Precip. horaria 0.155870 0.336677 -0.024567 1.000000 -0.033468

Temp. prom aire -0.127568 -0.199999 0.661506 -0.033468 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 2.51195

Nobs: 69.0000 HQIC: 1.43765

Log likelihood: -459.758 FPE: 2.10614

AIC: 0.731141 Det(Omega\_mle): 1.00527

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 30.720911 7.432454 4.133 0.000

L1.Conduct 0.733600 0.151922 4.829 0.000

L1.Water -0.770800 0.358232 -2.152 0.031

L1.Temp -1.345462 0.439593 -3.061 0.002

L1.Precip. horaria 14.033740 6.468650 2.170 0.030

L1.Temp. prom aire 0.754207 0.465686 1.620 0.105

L2.Conduct -0.052900 0.118096 -0.448 0.654

L2.Water 0.090214 0.254421 0.355 0.723

L2.Temp -0.282603 0.392830 -0.719 0.472

L2.Precip. horaria -4.656600 6.616238 -0.704 0.482

L2.Temp. prom aire 0.877914 0.466416 1.882 0.060

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 8.742973 3.130634 2.793 0.005

L1.Conduct -0.027258 0.063991 -0.426 0.670

L1.Water 0.673266 0.150891 4.462 0.000

L1.Temp -0.468853 0.185162 -2.532 0.011

L1.Precip. horaria 6.837677 2.724668 2.510 0.012

L1.Temp. prom aire 0.196408 0.196152 1.001 0.317

L2.Conduct -0.006492 0.049744 -0.130 0.896

L2.Water 0.050106 0.107165 0.468 0.640

L2.Temp 0.030297 0.165464 0.183 0.855

L2.Precip. horaria -4.316726 2.786834 -1.549 0.121

L2.Temp. prom aire 0.231507 0.196460 1.178 0.239

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -5.351647 2.920435 -1.832 0.067

L1.Conduct 0.068884 0.059695 1.154 0.249

L1.Water -0.033013 0.140760 -0.235 0.815

L1.Temp 0.714383 0.172729 4.136 0.000

L1.Precip. horaria -3.926957 2.541728 -1.545 0.122

L1.Temp. prom aire 0.319896 0.182982 1.748 0.080

L2.Conduct -0.019688 0.046404 -0.424 0.671

L2.Water 0.152915 0.099970 1.530 0.126

L2.Temp 0.397290 0.154355 2.574 0.010

L2.Precip. horaria 0.348903 2.599719 0.134 0.893

L2.Temp. prom aire -0.310777 0.183269 -1.696 0.090

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.045144 0.153271 -0.295 0.768

L1.Conduct -0.003780 0.003133 -1.207 0.228

L1.Water 0.008504 0.007387 1.151 0.250

L1.Temp -0.014464 0.009065 -1.595 0.111

L1.Precip. horaria 0.152731 0.133395 1.145 0.252

L1.Temp. prom aire -0.000054 0.009603 -0.006 0.995

L2.Conduct 0.001579 0.002435 0.648 0.517

L2.Water -0.001234 0.005247 -0.235 0.814

L2.Temp 0.005671 0.008101 0.700 0.484

L2.Precip. horaria -0.192766 0.136439 -1.413 0.158

L2.Temp. prom aire 0.015957 0.009618 1.659 0.097

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.690307 2.659290 -0.260 0.795

L1.Conduct 0.109922 0.054357 2.022 0.043

L1.Water -0.154816 0.128173 -1.208 0.227

L1.Temp 0.150350 0.157284 0.956 0.339

L1.Precip. horaria -3.133308 2.314446 -1.354 0.176

L1.Temp. prom aire 0.145183 0.166620 0.871 0.384

L2.Conduct -0.021901 0.042254 -0.518 0.604

L2.Water 0.184875 0.091030 2.031 0.042

L2.Temp 0.359504 0.140552 2.558 0.011

L2.Precip. horaria 1.661130 2.367252 0.702 0.483

L2.Temp. prom aire -0.068181 0.166881 -0.409 0.683

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.864445 -0.216070 0.136514 -0.126076

Water 0.864445 1.000000 -0.237646 0.312322 -0.182936

Temp -0.216070 -0.237646 1.000000 -0.061156 0.645806

Precip. horaria 0.136514 0.312322 -0.061156 1.000000 0.019664

Temp. prom aire -0.126076 -0.182936 0.645806 0.019664 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 4.25490

Nobs: 69.0000 HQIC: 3.18059

Log likelihood: -519.890 FPE: 12.0348

AIC: 2.47409 Det(Omega\_mle): 5.74426

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 85.972408 19.907472 4.319 0.000

L1.Conduct 0.708327 0.152253 4.652 0.000

L1.Water -1.706098 0.822020 -2.075 0.038

L1.Temp -3.279955 1.364532 -2.404 0.016

L1.Precip. horaria 53.183079 15.558417 3.418 0.001

L1.Temp. prom aire 0.536931 1.127229 0.476 0.634

L2.Conduct 0.110530 0.138415 0.799 0.425

L2.Water -0.072567 0.673616 -0.108 0.914

L2.Temp 0.038242 1.264037 0.030 0.976

L2.Precip. horaria -6.310864 16.072618 -0.393 0.695

L2.Temp. prom aire 1.596659 1.042256 1.532 0.126

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 9.867665 3.898491 2.531 0.011

L1.Conduct -0.009837 0.029816 -0.330 0.741

L1.Water 0.686690 0.160977 4.266 0.000

L1.Temp -0.446566 0.267217 -1.671 0.095

L1.Precip. horaria 7.354451 3.046813 2.414 0.016

L1.Temp. prom aire -0.018961 0.220746 -0.086 0.932

L2.Conduct 0.019768 0.027106 0.729 0.466

L2.Water 0.012100 0.131915 0.092 0.927

L2.Temp 0.204494 0.247537 0.826 0.409

L2.Precip. horaria -4.945186 3.147510 -1.571 0.116

L2.Temp. prom aire 0.053642 0.204106 0.263 0.793

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -6.240652 2.428213 -2.570 0.010

L1.Conduct 0.036894 0.018571 1.987 0.047

L1.Water -0.096806 0.100266 -0.965 0.334

L1.Temp 0.964776 0.166439 5.797 0.000

L1.Precip. horaria -3.874221 1.897737 -2.041 0.041

L1.Temp. prom aire 0.115991 0.137494 0.844 0.399

L2.Conduct -0.006567 0.016883 -0.389 0.697

L2.Water 0.163516 0.082164 1.990 0.047

L2.Temp 0.248456 0.154181 1.611 0.107

L2.Precip. horaria -0.155789 1.960457 -0.079 0.937

L2.Temp. prom aire -0.241987 0.127129 -1.903 0.057

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.152600 0.168592 -0.905 0.365

L1.Conduct -0.001219 0.001289 -0.945 0.345

L1.Water 0.007540 0.006962 1.083 0.279

L1.Temp -0.026801 0.011556 -2.319 0.020

L1.Precip. horaria 0.170758 0.131761 1.296 0.195

L1.Temp. prom aire 0.002024 0.009546 0.212 0.832

L2.Conduct 0.001000 0.001172 0.853 0.394

L2.Water -0.000820 0.005705 -0.144 0.886

L2.Temp 0.020588 0.010705 1.923 0.054

L2.Precip. horaria -0.225725 0.136116 -1.658 0.097

L2.Temp. prom aire 0.012071 0.008827 1.368 0.171

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.052147 2.925027 -0.702 0.483

L1.Conduct 0.059856 0.022371 2.676 0.007

L1.Water -0.204580 0.120780 -1.694 0.090

L1.Temp 0.254463 0.200492 1.269 0.204

L1.Precip. horaria -2.528851 2.286016 -1.106 0.269

L1.Temp. prom aire 0.096106 0.165625 0.580 0.562

L2.Conduct -0.016255 0.020337 -0.799 0.424

L2.Water 0.204183 0.098975 2.063 0.039

L2.Temp 0.318318 0.185726 1.714 0.087

L2.Precip. horaria 0.473194 2.361568 0.200 0.841

L2.Temp. prom aire -0.008490 0.153140 -0.055 0.956

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.745680 -0.219565 0.046762 -0.222375

Water 0.745680 1.000000 -0.166721 0.356368 -0.223128

Temp -0.219565 -0.166721 1.000000 0.083955 0.649711

Precip. horaria 0.046762 0.356368 0.083955 1.000000 -0.000525

Temp. prom aire -0.222375 -0.223128 0.649711 -0.000525 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 2.28554

Nobs: 69.0000 HQIC: 1.21124

Log likelihood: -451.947 FPE: 1.67942

AIC: 0.504735 Det(Omega\_mle): 0.801596

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 11.914010 5.001109 2.382 0.017

L1.Conduct 0.679688 0.174486 3.895 0.000

L1.Water -0.236547 0.299134 -0.791 0.429

L1.Temp -1.036858 0.365212 -2.839 0.005

L1.Precip. horaria 11.024698 4.920743 2.240 0.025

L1.Temp. prom aire 0.586617 0.351147 1.671 0.095

L2.Conduct -0.025501 0.125701 -0.203 0.839

L2.Water -0.025048 0.247259 -0.101 0.919

L2.Temp -0.159873 0.307729 -0.520 0.603

L2.Precip. horaria -5.517252 4.881461 -1.130 0.258

L2.Temp. prom aire 0.882278 0.336738 2.620 0.009

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.394024 2.899022 1.861 0.063

L1.Conduct -0.132246 0.101146 -1.307 0.191

L1.Water 0.820489 0.173401 4.732 0.000

L1.Temp -0.542704 0.211704 -2.563 0.010

L1.Precip. horaria 5.060995 2.852436 1.774 0.076

L1.Temp. prom aire 0.245412 0.203552 1.206 0.228

L2.Conduct 0.075909 0.072866 1.042 0.298

L2.Water -0.023237 0.143330 -0.162 0.871

L2.Temp 0.093709 0.178383 0.525 0.599

L2.Precip. horaria -3.944666 2.829666 -1.394 0.163

L2.Temp. prom aire 0.268270 0.195199 1.374 0.169

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -3.385252 2.512813 -1.347 0.178

L1.Conduct 0.053301 0.087671 0.608 0.543

L1.Water -0.033626 0.150300 -0.224 0.823

L1.Temp 0.747984 0.183501 4.076 0.000

L1.Precip. horaria -4.383667 2.472433 -1.773 0.076

L1.Temp. prom aire 0.284457 0.176434 1.612 0.107

L2.Conduct -0.027051 0.063159 -0.428 0.668

L2.Water 0.153600 0.124236 1.236 0.216

L2.Temp 0.324723 0.154619 2.100 0.036

L2.Precip. horaria 0.160574 2.452696 0.065 0.948

L2.Temp. prom aire -0.266973 0.169194 -1.578 0.115

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.085978 0.134520 -0.639 0.523

L1.Conduct -0.008306 0.004693 -1.770 0.077

L1.Water 0.012994 0.008046 1.615 0.106

L1.Temp -0.022615 0.009823 -2.302 0.021

L1.Precip. horaria 0.121181 0.132358 0.916 0.360

L1.Temp. prom aire 0.003845 0.009445 0.407 0.684

L2.Conduct 0.005659 0.003381 1.674 0.094

L2.Water -0.005045 0.006651 -0.759 0.448

L2.Temp 0.012751 0.008277 1.541 0.123

L2.Precip. horaria -0.203585 0.131302 -1.551 0.121

L2.Temp. prom aire 0.015764 0.009058 1.740 0.082

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.685654 2.491053 0.677 0.499

L1.Conduct 0.116878 0.086912 1.345 0.179

L1.Water -0.126161 0.148999 -0.847 0.397

L1.Temp 0.160420 0.181912 0.882 0.378

L1.Precip. horaria -3.141482 2.451023 -1.282 0.200

L1.Temp. prom aire 0.176229 0.174907 1.008 0.314

L2.Conduct -0.077793 0.062612 -1.242 0.214

L2.Water 0.188774 0.123160 1.533 0.125

L2.Temp 0.250782 0.153280 1.636 0.102

L2.Precip. horaria 0.818249 2.431457 0.337 0.736

L2.Temp. prom aire 0.013454 0.167729 0.080 0.936

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.735973 -0.316928 0.010171 -0.214495

Water 0.735973 1.000000 -0.235849 0.300582 -0.207267

Temp -0.316928 -0.235849 1.000000 0.006740 0.692206

Precip. horaria 0.010171 0.300582 0.006740 1.000000 0.015099

Temp. prom aire -0.214495 -0.207267 0.692206 0.015099 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 1.83070

Nobs: 69.0000 HQIC: 0.756392

Log likelihood: -436.255 FPE: 1.06567

AIC: 0.0498857 Det(Omega\_mle): 0.508648

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 12.504055 3.532446 3.540 0.000

L1.Conduct 0.868688 0.153887 5.645 0.000

L1.Water -0.313885 0.172399 -1.821 0.069

L1.Temp -0.353442 0.194437 -1.818 0.069

L1.Precip. horaria 9.894952 3.135781 3.155 0.002

L1.Temp. prom aire -0.007857 0.204966 -0.038 0.969

L2.Conduct -0.115639 0.135217 -0.855 0.392

L2.Water 0.158620 0.146680 1.081 0.280

L2.Temp -0.023865 0.218837 -0.109 0.913

L2.Precip. horaria -3.220208 3.257273 -0.989 0.323

L2.Temp. prom aire 0.081244 0.205925 0.395 0.693

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 5.964095 3.197051 1.865 0.062

L1.Conduct -0.044527 0.139276 -0.320 0.749

L1.Water 0.768564 0.156030 4.926 0.000

L1.Temp -0.292427 0.175976 -1.662 0.097

L1.Precip. horaria 6.089388 2.838048 2.146 0.032

L1.Temp. prom aire 0.000193 0.185505 0.001 0.999

L2.Conduct 0.044774 0.122379 0.366 0.714

L2.Water 0.052494 0.132753 0.395 0.693

L2.Temp 0.074420 0.198059 0.376 0.707

L2.Precip. horaria -4.659950 2.948004 -1.581 0.114

L2.Temp. prom aire 0.101533 0.186373 0.545 0.586

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -8.429472 2.661426 -3.167 0.002

L1.Conduct 0.189945 0.115942 1.638 0.101

L1.Water -0.090319 0.129889 -0.695 0.487

L1.Temp 0.865712 0.146493 5.910 0.000

L1.Precip. horaria -4.492775 2.362569 -1.902 0.057

L1.Temp. prom aire 0.148198 0.154426 0.960 0.337

L2.Conduct 0.035270 0.101876 0.346 0.729

L2.Water 0.190714 0.110512 1.726 0.084

L2.Temp 0.429841 0.164877 2.607 0.009

L2.Precip. horaria -0.945713 2.454104 -0.385 0.700

L2.Temp. prom aire -0.294490 0.155149 -1.898 0.058

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.136064 0.145551 -0.935 0.350

L1.Conduct -0.003171 0.006341 -0.500 0.617

L1.Water 0.002263 0.007104 0.319 0.750

L1.Temp -0.021559 0.008012 -2.691 0.007

L1.Precip. horaria 0.198934 0.129207 1.540 0.124

L1.Temp. prom aire 0.001002 0.008445 0.119 0.906

L2.Conduct 0.004522 0.005571 0.812 0.417

L2.Water 0.002701 0.006044 0.447 0.655

L2.Temp 0.017041 0.009017 1.890 0.059

L2.Precip. horaria -0.210009 0.134213 -1.565 0.118

L2.Temp. prom aire 0.011572 0.008485 1.364 0.173

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.112307 2.509789 -0.842 0.400

L1.Conduct 0.302854 0.109336 2.770 0.006

L1.Water -0.225859 0.122489 -1.844 0.065

L1.Temp -0.034479 0.138147 -0.250 0.803

L1.Precip. horaria -2.535858 2.227960 -1.138 0.255

L1.Temp. prom aire 0.239944 0.145627 1.648 0.099

L2.Conduct -0.058988 0.096071 -0.614 0.539

L2.Water 0.200697 0.104215 1.926 0.054

L2.Temp 0.504645 0.155483 3.246 0.001

L2.Precip. horaria -0.820117 2.314279 -0.354 0.723

L2.Temp. prom aire 0.024012 0.146309 0.164 0.870

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.674245 -0.198921 0.154135 -0.233696

Water 0.674245 1.000000 -0.232780 0.312451 -0.283111

Temp -0.198921 -0.232780 1.000000 0.006487 0.567671

Precip. horaria 0.154135 0.312451 0.006487 1.000000 -0.048462

Temp. prom aire -0.233696 -0.283111 0.567671 -0.048462 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 3.57473

Nobs: 69.0000 HQIC: 2.50043

Log likelihood: -496.424 FPE: 6.09603

AIC: 1.79392 Det(Omega\_mle): 2.90966

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 82.110647 27.680672 2.966 0.003

L1.Conduct 0.877069 0.158237 5.543 0.000

L1.Water -1.611263 1.400853 -1.150 0.250

L1.Temp -1.409821 1.854844 -0.760 0.447

L1.Precip. horaria 38.321440 19.032233 2.014 0.044

L1.Temp. prom aire -0.314958 1.366616 -0.230 0.818

L2.Conduct -0.059279 0.129294 -0.458 0.647

L2.Water 0.437505 0.954530 0.458 0.647

L2.Temp -1.642452 1.654073 -0.993 0.321

L2.Precip. horaria 3.465815 18.678848 0.186 0.853

L2.Temp. prom aire 1.528822 1.258598 1.215 0.224

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 6.946395 3.247124 2.139 0.032

L1.Conduct -0.004278 0.018562 -0.230 0.818

L1.Water 0.778043 0.164329 4.735 0.000

L1.Temp -0.314869 0.217585 -1.447 0.148

L1.Precip. horaria 3.450608 2.232606 1.546 0.122

L1.Temp. prom aire -0.025732 0.160313 -0.161 0.872

L2.Conduct 0.007653 0.015167 0.505 0.614

L2.Water 0.001929 0.111973 0.017 0.986

L2.Temp 0.120905 0.194034 0.623 0.533

L2.Precip. horaria -2.707333 2.191151 -1.236 0.217

L2.Temp. prom aire 0.077234 0.147642 0.523 0.601

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.980264 2.564582 -1.162 0.245

L1.Conduct 0.020909 0.014661 1.426 0.154

L1.Water -0.235475 0.129787 -1.814 0.070

L1.Temp 0.802483 0.171849 4.670 0.000

L1.Precip. horaria -3.420719 1.763314 -1.940 0.052

L1.Temp. prom aire 0.168057 0.126615 1.327 0.184

L2.Conduct 0.001390 0.011979 0.116 0.908

L2.Water 0.177920 0.088436 2.012 0.044

L2.Temp 0.288967 0.153248 1.886 0.059

L2.Precip. horaria 0.625060 1.730574 0.361 0.718

L2.Temp. prom aire -0.171688 0.116608 -1.472 0.141

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.282004 0.186641 -1.511 0.131

L1.Conduct -0.001777 0.001067 -1.666 0.096

L1.Water 0.013091 0.009445 1.386 0.166

L1.Temp -0.046670 0.012507 -3.732 0.000

L1.Precip. horaria 0.299945 0.128328 2.337 0.019

L1.Temp. prom aire 0.010529 0.009215 1.143 0.253

L2.Conduct 0.001578 0.000872 1.810 0.070

L2.Water -0.003687 0.006436 -0.573 0.567

L2.Temp 0.034265 0.011153 3.072 0.002

L2.Precip. horaria -0.265128 0.125945 -2.105 0.035

L2.Temp. prom aire 0.013873 0.008486 1.635 0.102

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.751704 3.526347 1.347 0.178

L1.Conduct 0.046685 0.020158 2.316 0.021

L1.Water -0.351857 0.178460 -1.972 0.049

L1.Temp 0.344245 0.236296 1.457 0.145

L1.Precip. horaria -2.832946 2.424589 -1.168 0.243

L1.Temp. prom aire 0.060688 0.174099 0.349 0.727

L2.Conduct -0.025272 0.016471 -1.534 0.125

L2.Water 0.213530 0.121601 1.756 0.079

L2.Temp 0.189865 0.210719 0.901 0.368

L2.Precip. horaria 1.374014 2.379570 0.577 0.564

L2.Temp. prom aire 0.004644 0.160338 0.029 0.977

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.740683 -0.111373 0.092406 -0.141002

Water 0.740683 1.000000 -0.086015 0.301062 -0.228641

Temp -0.111373 -0.086015 1.000000 0.284937 0.678769

Precip. horaria 0.092406 0.301062 0.284937 1.000000 0.060044

Temp. prom aire -0.141002 -0.228641 0.678769 0.060044 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 0.810483

Nobs: 69.0000 HQIC: -0.263820

Log likelihood: -401.058 FPE: 0.384193

AIC: -0.970326 Det(Omega\_mle): 0.183377

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 11.420390 4.319170 2.644 0.008

L1.Conduct 0.740375 0.230945 3.206 0.001

L1.Water -0.314441 0.289685 -1.085 0.278

L1.Temp -0.661572 0.287414 -2.302 0.021

L1.Precip. horaria 11.902366 3.932396 3.027 0.002

L1.Temp. prom aire -0.015857 0.262250 -0.060 0.952

L2.Conduct -0.005754 0.129295 -0.045 0.965

L2.Water 0.131635 0.213016 0.618 0.537

L2.Temp 0.228713 0.250385 0.913 0.361

L2.Precip. horaria -5.955915 3.893522 -1.530 0.126

L2.Temp. prom aire 0.233164 0.245853 0.948 0.343

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 3.203263 3.253656 0.985 0.325

L1.Conduct -0.017027 0.173972 -0.098 0.922

L1.Water 0.717601 0.218222 3.288 0.001

L1.Temp -0.486082 0.216510 -2.245 0.025

L1.Precip. horaria 6.637535 2.962296 2.241 0.025

L1.Temp. prom aire 0.106383 0.197554 0.538 0.590

L2.Conduct 0.051505 0.097398 0.529 0.597

L2.Water 0.064156 0.160466 0.400 0.689

L2.Temp 0.257833 0.188617 1.367 0.172

L2.Precip. horaria -5.262785 2.933013 -1.794 0.073

L2.Temp. prom aire 0.149695 0.185202 0.808 0.419

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.075099 2.560687 -0.810 0.418

L1.Conduct 0.243511 0.136919 1.778 0.075

L1.Water -0.279096 0.171744 -1.625 0.104

L1.Temp 1.008059 0.170398 5.916 0.000

L1.Precip. horaria -5.115902 2.331382 -2.194 0.028

L1.Temp. prom aire 0.116837 0.155479 0.751 0.452

L2.Conduct -0.117130 0.076654 -1.528 0.127

L2.Water 0.254964 0.126290 2.019 0.043

L2.Temp 0.072943 0.148445 0.491 0.623

L2.Precip. horaria 0.750156 2.308335 0.325 0.745

L2.Temp. prom aire -0.174486 0.145758 -1.197 0.231

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.062324 0.151311 -0.412 0.680

L1.Conduct -0.007099 0.008091 -0.877 0.380

L1.Water 0.007788 0.010148 0.767 0.443

L1.Temp -0.019325 0.010069 -1.919 0.055

L1.Precip. horaria 0.212641 0.137761 1.544 0.123

L1.Temp. prom aire 0.000142 0.009187 0.015 0.988

L2.Conduct 0.004316 0.004529 0.953 0.341

L2.Water 0.000238 0.007462 0.032 0.975

L2.Temp 0.013947 0.008772 1.590 0.112

L2.Precip. horaria -0.206692 0.136399 -1.515 0.130

L2.Temp. prom aire 0.010953 0.008613 1.272 0.203

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.097448 2.612689 0.420 0.674

L1.Conduct 0.406911 0.139700 2.913 0.004

L1.Water -0.425250 0.175232 -2.427 0.015

L1.Temp 0.311823 0.173858 1.794 0.073

L1.Precip. horaria -4.540513 2.378727 -1.909 0.056

L1.Temp. prom aire 0.058857 0.158636 0.371 0.711

L2.Conduct -0.209990 0.078211 -2.685 0.007

L2.Water 0.361330 0.128854 2.804 0.005

L2.Temp 0.152545 0.151459 1.007 0.314

L2.Precip. horaria 0.669568 2.355212 0.284 0.776

L2.Temp. prom aire 0.066618 0.148718 0.448 0.654

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.900986 -0.275198 0.346177 -0.197938

Water 0.900986 1.000000 -0.291110 0.321238 -0.271865

Temp -0.275198 -0.291110 1.000000 0.110288 0.636778

Precip. horaria 0.346177 0.321238 0.110288 1.000000 0.047915

Temp. prom aire -0.197938 -0.271865 0.636778 0.047915 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 3.16369

Nobs: 69.0000 HQIC: 2.08939

Log likelihood: -482.243 FPE: 4.04142

AIC: 1.38288 Det(Omega\_mle): 1.92899

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 20.061724 9.503253 2.111 0.035

L1.Conduct 0.653800 0.160954 4.062 0.000

L1.Water -0.582282 0.537881 -1.083 0.279

L1.Temp -2.167780 0.727944 -2.978 0.003

L1.Precip. horaria 10.440946 9.149747 1.141 0.254

L1.Temp. prom aire 1.195675 0.684795 1.746 0.081

L2.Conduct -0.029061 0.135592 -0.214 0.830

L2.Water 0.047411 0.434324 0.109 0.913

L2.Temp 0.125599 0.588304 0.213 0.831

L2.Precip. horaria -7.121513 9.501915 -0.749 0.454

L2.Temp. prom aire 1.255060 0.659571 1.903 0.057

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.886522 2.765828 1.767 0.077

L1.Conduct -0.014005 0.046844 -0.299 0.765

L1.Water 0.778109 0.156545 4.971 0.000

L1.Temp -0.433506 0.211861 -2.046 0.041

L1.Precip. horaria 5.874942 2.662944 2.206 0.027

L1.Temp. prom aire 0.116455 0.199303 0.584 0.559

L2.Conduct 0.007647 0.039463 0.194 0.846

L2.Water 0.028238 0.126406 0.223 0.823

L2.Temp 0.169087 0.171220 0.988 0.323

L2.Precip. horaria -5.563421 2.765439 -2.012 0.044

L2.Temp. prom aire 0.096433 0.191962 0.502 0.615

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -2.122672 2.401167 -0.884 0.377

L1.Conduct -0.015915 0.040668 -0.391 0.696

L1.Water 0.038323 0.135905 0.282 0.778

L1.Temp 0.702267 0.183928 3.818 0.000

L1.Precip. horaria -4.358063 2.311847 -1.885 0.059

L1.Temp. prom aire 0.318691 0.173026 1.842 0.065

L2.Conduct -0.001802 0.034260 -0.053 0.958

L2.Water 0.078063 0.109740 0.711 0.477

L2.Temp 0.274369 0.148645 1.846 0.065

L2.Precip. horaria 0.649691 2.400829 0.271 0.787

L2.Temp. prom aire -0.201926 0.166652 -1.212 0.226

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.138985 0.136391 -1.019 0.308

L1.Conduct -0.001632 0.002310 -0.707 0.480

L1.Water 0.007044 0.007720 0.913 0.361

L1.Temp -0.019840 0.010447 -1.899 0.058

L1.Precip. horaria 0.150395 0.131318 1.145 0.252

L1.Temp. prom aire 0.002082 0.009828 0.212 0.832

L2.Conduct 0.001570 0.001946 0.807 0.420

L2.Water 0.000391 0.006233 0.063 0.950

L2.Temp 0.013856 0.008443 1.641 0.101

L2.Precip. horaria -0.241285 0.136372 -1.769 0.077

L2.Temp. prom aire 0.013469 0.009466 1.423 0.155

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 2.567229 2.517200 1.020 0.308

L1.Conduct 0.027947 0.042633 0.656 0.512

L1.Water -0.065492 0.142473 -0.460 0.646

L1.Temp 0.111477 0.192816 0.578 0.563

L1.Precip. horaria -3.425104 2.423564 -1.413 0.158

L1.Temp. prom aire 0.201313 0.181387 1.110 0.267

L2.Conduct -0.028938 0.035915 -0.806 0.420

L2.Water 0.134157 0.115043 1.166 0.244

L2.Temp 0.252889 0.155829 1.623 0.105

L2.Precip. horaria 1.509113 2.516846 0.600 0.549

L2.Temp. prom aire 0.039240 0.174706 0.225 0.822

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.782543 -0.248415 0.085277 -0.196347

Water 0.782543 1.000000 -0.268870 0.367371 -0.251058

Temp -0.248415 -0.268870 1.000000 0.001140 0.712104

Precip. horaria 0.085277 0.367371 0.001140 1.000000 -0.013521

Temp. prom aire -0.196347 -0.251058 0.712104 -0.013521 1.000000

* Lag 6:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 5.63813

Nobs: 65.0000 HQIC: 2.49890

Log likelihood: -320.879 FPE: 2.39591

AIC: 0.453055 Det(Omega\_mle): 0.340942

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 54.766709 21.783723 2.514 0.012

L1.Conduct 0.961398 0.348200 2.761 0.006

L1.Water -1.328298 1.240728 -1.071 0.284

L1.Temp 0.440976 0.850906 0.518 0.604

L1.Precip. horaria 26.939127 9.366664 2.876 0.004

L1.Temp. prom aire -0.796011 0.715155 -1.113 0.266

L2.Conduct -0.904811 0.492544 -1.837 0.066

L2.Water 3.655054 1.854888 1.970 0.049

L2.Temp -0.024692 0.959260 -0.026 0.979

L2.Precip. horaria -3.491882 10.503624 -0.332 0.740

L2.Temp. prom aire -0.271451 0.731385 -0.371 0.711

L3.Conduct 0.895243 0.416913 2.147 0.032

L3.Water -2.349418 1.537023 -1.529 0.126

L3.Temp -0.011153 1.028542 -0.011 0.991

L3.Precip. horaria 3.330526 9.784466 0.340 0.734

L3.Temp. prom aire -0.274818 0.775573 -0.354 0.723

L4.Conduct -0.423370 0.335349 -1.262 0.207

L4.Water 0.880466 1.096591 0.803 0.422

L4.Temp -0.400685 0.980133 -0.409 0.683

L4.Precip. horaria 7.551970 9.376033 0.805 0.421

L4.Temp. prom aire -0.246824 0.749465 -0.329 0.742

L5.Conduct -0.083786 0.289341 -0.290 0.772

L5.Water -1.138398 0.971735 -1.172 0.241

L5.Temp -0.585851 0.939462 -0.624 0.533

L5.Precip. horaria 4.708655 9.134641 0.515 0.606

L5.Temp. prom aire 0.208596 0.694717 0.300 0.764

L6.Conduct -0.095282 0.198796 -0.479 0.632

L6.Water 0.369423 0.701123 0.527 0.598

L6.Temp -0.240610 0.696718 -0.345 0.730

L6.Precip. horaria 2.075424 8.933155 0.232 0.816

L6.Temp. prom aire 0.435095 0.643670 0.676 0.499

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 17.462150 6.073820 2.875 0.004

L1.Conduct -0.089702 0.097087 -0.924 0.356

L1.Water 0.916609 0.345944 2.650 0.008

L1.Temp 0.043497 0.237253 0.183 0.855

L1.Precip. horaria 4.839779 2.611649 1.853 0.064

L1.Temp. prom aire -0.255772 0.199402 -1.283 0.200

L2.Conduct -0.081821 0.137333 -0.596 0.551

L2.Water 0.317075 0.517187 0.613 0.540

L2.Temp -0.017206 0.267464 -0.064 0.949

L2.Precip. horaria 0.887225 2.928661 0.303 0.762

L2.Temp. prom aire -0.031267 0.203928 -0.153 0.878

L3.Conduct 0.207603 0.116245 1.786 0.074

L3.Water -0.248054 0.428559 -0.579 0.563

L3.Temp 0.139819 0.286782 0.488 0.626

L3.Precip. horaria 0.801657 2.728142 0.294 0.769

L3.Temp. prom aire -0.101868 0.216248 -0.471 0.638

L4.Conduct -0.111383 0.093503 -1.191 0.234

L4.Water 0.092100 0.305756 0.301 0.763

L4.Temp 0.025033 0.273285 0.092 0.927

L4.Precip. horaria 3.169630 2.614261 1.212 0.225

L4.Temp. prom aire -0.207132 0.208969 -0.991 0.322

L5.Conduct 0.022931 0.080675 0.284 0.776

L5.Water -0.200874 0.270943 -0.741 0.458

L5.Temp -0.135358 0.261944 -0.517 0.605

L5.Precip. horaria 0.202456 2.546955 0.079 0.937

L5.Temp. prom aire -0.101933 0.193704 -0.526 0.599

L6.Conduct -0.049882 0.055429 -0.900 0.368

L6.Water -0.079978 0.195490 -0.409 0.682

L6.Temp -0.115141 0.194262 -0.593 0.553

L6.Precip. horaria 0.355213 2.490776 0.143 0.887

L6.Temp. prom aire 0.102097 0.179471 0.569 0.569

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 6.391874 5.420524 1.179 0.238

L1.Conduct 0.005556 0.086644 0.064 0.949

L1.Water -0.165575 0.308735 -0.536 0.592

L1.Temp 0.414446 0.211734 1.957 0.050

L1.Precip. horaria -1.846550 2.330742 -0.792 0.428

L1.Temp. prom aire 0.156683 0.177955 0.880 0.379

L2.Conduct 0.113281 0.122561 0.924 0.355

L2.Water -0.237046 0.461559 -0.514 0.608

L2.Temp 0.618433 0.238696 2.591 0.010

L2.Precip. horaria 2.042230 2.613656 0.781 0.435

L2.Temp. prom aire -0.315400 0.181993 -1.733 0.083

L3.Conduct 0.024192 0.103742 0.233 0.816

L3.Water -0.159141 0.382463 -0.416 0.677

L3.Temp 0.546915 0.255936 2.137 0.033

L3.Precip. horaria 1.806645 2.434705 0.742 0.458

L3.Temp. prom aire -0.353412 0.192989 -1.831 0.067

L4.Conduct 0.033477 0.083446 0.401 0.688

L4.Water 0.332262 0.272869 1.218 0.223

L4.Temp 0.159430 0.243890 0.654 0.513

L4.Precip. horaria 0.070142 2.333073 0.030 0.976

L4.Temp. prom aire -0.187620 0.186492 -1.006 0.314

L5.Conduct -0.048087 0.071998 -0.668 0.504

L5.Water -0.046749 0.241800 -0.193 0.847

L5.Temp -0.019642 0.233770 -0.084 0.933

L5.Precip. horaria -0.658345 2.273006 -0.290 0.772

L5.Temp. prom aire -0.237078 0.172869 -1.371 0.170

L6.Conduct -0.021859 0.049467 -0.442 0.659

L6.Water -0.011153 0.174463 -0.064 0.949

L6.Temp -0.377662 0.173367 -2.178 0.029

L6.Precip. horaria -0.738752 2.222870 -0.332 0.740

L6.Temp. prom aire 0.075991 0.160167 0.474 0.635

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.263585 0.407860 -0.646 0.518

L1.Conduct -0.002628 0.006519 -0.403 0.687

L1.Water -0.002060 0.023230 -0.089 0.929

L1.Temp -0.021144 0.015932 -1.327 0.184

L1.Precip. horaria 0.232822 0.175373 1.328 0.184

L1.Temp. prom aire 0.002182 0.013390 0.163 0.871

L2.Conduct -0.003500 0.009222 -0.380 0.704

L2.Water 0.030936 0.034729 0.891 0.373

L2.Temp -0.001504 0.017960 -0.084 0.933

L2.Precip. horaria -0.087809 0.196661 -0.446 0.655

L2.Temp. prom aire 0.020905 0.013694 1.527 0.127

L3.Conduct 0.007171 0.007806 0.919 0.358

L3.Water -0.029407 0.028778 -1.022 0.307

L3.Temp 0.014091 0.019258 0.732 0.464

L3.Precip. horaria 0.010327 0.183196 0.056 0.955

L3.Temp. prom aire 0.012041 0.014521 0.829 0.407

L4.Conduct -0.001497 0.006279 -0.238 0.812

L4.Water 0.019767 0.020532 0.963 0.336

L4.Temp 0.006472 0.018351 0.353 0.724

L4.Precip. horaria -0.080251 0.175549 -0.457 0.648

L4.Temp. prom aire -0.006545 0.014032 -0.466 0.641

L5.Conduct -0.003396 0.005417 -0.627 0.531

L5.Water -0.010558 0.018194 -0.580 0.562

L5.Temp -0.014562 0.017590 -0.828 0.408

L5.Precip. horaria 0.042389 0.171029 0.248 0.804

L5.Temp. prom aire -0.001170 0.013007 -0.090 0.928

L6.Conduct 0.002420 0.003722 0.650 0.516

L6.Water -0.000535 0.013127 -0.041 0.968

L6.Temp -0.003773 0.013045 -0.289 0.772

L6.Precip. horaria -0.200799 0.167257 -1.201 0.230

L6.Temp. prom aire 0.015430 0.012052 1.280 0.200

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 16.165729 6.302213 2.565 0.010

L1.Conduct -0.005779 0.100737 -0.057 0.954

L1.Water 0.071209 0.358953 0.198 0.843

L1.Temp -0.047253 0.246174 -0.192 0.848

L1.Precip. horaria 0.318487 2.709854 0.118 0.906

L1.Temp. prom aire -0.088952 0.206900 -0.430 0.667

L2.Conduct 0.140293 0.142497 0.985 0.325

L2.Water -0.442002 0.536635 -0.824 0.410

L2.Temp 0.624415 0.277522 2.250 0.024

L2.Precip. horaria 1.589281 3.038786 0.523 0.601

L2.Temp. prom aire -0.210224 0.211596 -0.994 0.320

L3.Conduct -0.006337 0.120616 -0.053 0.958

L3.Water -0.117743 0.444674 -0.265 0.791

L3.Temp 0.517541 0.297566 1.739 0.082

L3.Precip. horaria 3.015972 2.830728 1.065 0.287

L3.Temp. prom aire -0.442738 0.224380 -1.973 0.048

L4.Conduct 0.001667 0.097019 0.017 0.986

L4.Water 0.293768 0.317253 0.926 0.354

L4.Temp -0.043318 0.283561 -0.153 0.879

L4.Precip. horaria 1.880743 2.712565 0.693 0.488

L4.Temp. prom aire -0.147870 0.216827 -0.682 0.495

L5.Conduct 0.003553 0.083709 0.042 0.966

L5.Water -0.183434 0.281131 -0.652 0.514

L5.Temp 0.132654 0.271794 0.488 0.626

L5.Precip. horaria -2.798909 2.642728 -1.059 0.290

L5.Temp. prom aire -0.105686 0.200987 -0.526 0.599

L6.Conduct -0.097273 0.057513 -1.691 0.091

L6.Water 0.168131 0.202841 0.829 0.407

L6.Temp -0.446058 0.201566 -2.213 0.027

L6.Precip. horaria 1.646309 2.584437 0.637 0.524

L6.Temp. prom aire 0.032920 0.186219 0.177 0.860

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.888881 -0.253393 0.081271 -0.313148

Water 0.888881 1.000000 -0.121453 0.265413 -0.232784

Temp -0.253393 -0.121453 1.000000 0.164894 0.612621

Precip. horaria 0.081271 0.265413 0.164894 1.000000 0.120169

Temp. prom aire -0.313148 -0.232784 0.612621 0.120169 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 6.02267

Nobs: 65.0000 HQIC: 2.88344

Log likelihood: -333.377 FPE: 3.51944

AIC: 0.837595 Det(Omega\_mle): 0.500823

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 62.154942 17.381571 3.576 0.000

L1.Conduct 1.101778 0.266539 4.134 0.000

L1.Water -2.042499 0.946280 -2.158 0.031

L1.Temp -1.403990 0.590092 -2.379 0.017

L1.Precip. horaria 26.451930 9.116602 2.902 0.004

L1.Temp. prom aire 0.828345 0.565189 1.466 0.143

L2.Conduct -0.746531 0.365485 -2.043 0.041

L2.Water 2.053399 1.340703 1.532 0.126

L2.Temp -0.036093 0.660091 -0.055 0.956

L2.Precip. horaria -2.311539 8.936641 -0.259 0.796

L2.Temp. prom aire 0.956267 0.619350 1.544 0.123

L3.Conduct 0.519056 0.361658 1.435 0.151

L3.Water -1.437986 1.149624 -1.251 0.211

L3.Temp -0.459375 0.741907 -0.619 0.536

L3.Precip. horaria 10.700510 8.742579 1.224 0.221

L3.Temp. prom aire 0.009159 0.673127 0.014 0.989

L4.Conduct -0.176684 0.388707 -0.455 0.649

L4.Water 0.154326 1.083763 0.142 0.887

L4.Temp -0.281033 0.766355 -0.367 0.714

L4.Precip. horaria 11.733341 8.603883 1.364 0.173

L4.Temp. prom aire 0.317580 0.665681 0.477 0.633

L5.Conduct -0.065403 0.325434 -0.201 0.841

L5.Water -1.104336 0.888303 -1.243 0.214

L5.Temp -0.334721 0.708900 -0.472 0.637

L5.Precip. horaria 14.204327 8.236067 1.725 0.085

L5.Temp. prom aire 0.134760 0.666539 0.202 0.840

L6.Conduct -0.041777 0.172547 -0.242 0.809

L6.Water 0.314292 0.539480 0.583 0.560

L6.Temp -0.217314 0.541833 -0.401 0.688

L6.Precip. horaria 13.084845 8.828507 1.482 0.138

L6.Temp. prom aire 0.250304 0.561772 0.446 0.656

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 9.329767 5.287169 1.765 0.078

L1.Conduct 0.014443 0.081076 0.178 0.859

L1.Water 0.620956 0.287842 2.157 0.031

L1.Temp -0.365186 0.179496 -2.035 0.042

L1.Precip. horaria 4.491895 2.773110 1.620 0.105

L1.Temp. prom aire 0.159671 0.171921 0.929 0.353

L2.Conduct -0.167097 0.111174 -1.503 0.133

L2.Water 0.366378 0.407818 0.898 0.369

L2.Temp -0.044860 0.200788 -0.223 0.823

L2.Precip. horaria -3.185660 2.718370 -1.172 0.241

L2.Temp. prom aire 0.231583 0.188396 1.229 0.219

L3.Conduct 0.274889 0.110010 2.499 0.012

L3.Water -0.453345 0.349695 -1.296 0.195

L3.Temp -0.003444 0.225675 -0.015 0.988

L3.Precip. horaria 1.153042 2.659339 0.434 0.665

L3.Temp. prom aire 0.039908 0.204753 0.195 0.845

L4.Conduct -0.213515 0.118238 -1.806 0.071

L4.Water 0.371249 0.329662 1.126 0.260

L4.Temp 0.030702 0.233112 0.132 0.895

L4.Precip. horaria 3.306868 2.617150 1.264 0.206

L4.Temp. prom aire 0.008775 0.202488 0.043 0.965

L5.Conduct -0.016476 0.098991 -0.166 0.868

L5.Water -0.005812 0.270206 -0.022 0.983

L5.Temp -0.120433 0.215635 -0.559 0.576

L5.Precip. horaria -0.083651 2.505267 -0.033 0.973

L5.Temp. prom aire 0.044911 0.202749 0.222 0.825

L6.Conduct 0.089241 0.052486 1.700 0.089

L6.Water -0.326057 0.164100 -1.987 0.047

L6.Temp -0.014586 0.164816 -0.088 0.929

L6.Precip. horaria 1.201250 2.685477 0.447 0.655

L6.Temp. prom aire 0.104634 0.170881 0.612 0.540

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -5.799018 6.371978 -0.910 0.363

L1.Conduct 0.013051 0.097712 0.134 0.894

L1.Water 0.186257 0.346901 0.537 0.591

L1.Temp 0.422308 0.216324 1.952 0.051

L1.Precip. horaria -2.780030 3.342091 -0.832 0.406

L1.Temp. prom aire 0.368781 0.207195 1.780 0.075

L2.Conduct 0.115882 0.133985 0.865 0.387

L2.Water -0.342753 0.491494 -0.697 0.486

L2.Temp 0.788030 0.241985 3.257 0.001

L2.Precip. horaria 0.877210 3.276118 0.268 0.789

L2.Temp. prom aire -0.240736 0.227050 -1.060 0.289

L3.Conduct -0.018626 0.132582 -0.140 0.888

L3.Water -0.074255 0.421445 -0.176 0.860

L3.Temp 0.365924 0.271979 1.345 0.178

L3.Precip. horaria 2.330183 3.204976 0.727 0.467

L3.Temp. prom aire -0.273176 0.246764 -1.107 0.268

L4.Conduct -0.130775 0.142497 -0.918 0.359

L4.Water 0.666478 0.397301 1.678 0.093

L4.Temp -0.093394 0.280941 -0.332 0.740

L4.Precip. horaria -4.247227 3.154131 -1.347 0.178

L4.Temp. prom aire -0.071381 0.244035 -0.293 0.770

L5.Conduct 0.111250 0.119302 0.933 0.351

L5.Water -0.350370 0.325647 -1.076 0.282

L5.Temp 0.016945 0.259878 0.065 0.948

L5.Precip. horaria -2.023487 3.019292 -0.670 0.503

L5.Temp. prom aire -0.221921 0.244349 -0.908 0.364

L6.Conduct -0.027314 0.063255 -0.432 0.666

L6.Water 0.131312 0.197770 0.664 0.507

L6.Temp -0.199773 0.198633 -1.006 0.315

L6.Precip. horaria -1.821059 3.236477 -0.563 0.574

L6.Temp. prom aire 0.071192 0.205942 0.346 0.730

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.213993 0.379371 -0.564 0.573

L1.Conduct -0.000597 0.005817 -0.103 0.918

L1.Water -0.013860 0.020654 -0.671 0.502

L1.Temp -0.017915 0.012879 -1.391 0.164

L1.Precip. horaria 0.143147 0.198979 0.719 0.472

L1.Temp. prom aire -0.000193 0.012336 -0.016 0.988

L2.Conduct -0.002653 0.007977 -0.333 0.739

L2.Water 0.039974 0.029262 1.366 0.172

L2.Temp -0.005874 0.014407 -0.408 0.683

L2.Precip. horaria -0.249696 0.195051 -1.280 0.200

L2.Temp. prom aire 0.024871 0.013518 1.840 0.066

L3.Conduct -0.000142 0.007894 -0.018 0.986

L3.Water -0.010192 0.025092 -0.406 0.685

L3.Temp 0.008577 0.016193 0.530 0.596

L3.Precip. horaria -0.158612 0.190816 -0.831 0.406

L3.Temp. prom aire 0.013144 0.014692 0.895 0.371

L4.Conduct 0.002217 0.008484 0.261 0.794

L4.Water 0.009253 0.023654 0.391 0.696

L4.Temp -0.001171 0.016726 -0.070 0.944

L4.Precip. horaria -0.057179 0.187789 -0.304 0.761

L4.Temp. prom aire 0.000180 0.014529 0.012 0.990

L5.Conduct -0.005667 0.007103 -0.798 0.425

L5.Water -0.003364 0.019388 -0.173 0.862

L5.Temp -0.005772 0.015472 -0.373 0.709

L5.Precip. horaria -0.078090 0.179761 -0.434 0.664

L5.Temp. prom aire 0.003120 0.014548 0.214 0.830

L6.Conduct 0.004625 0.003766 1.228 0.219

L6.Water -0.012262 0.011775 -1.041 0.298

L6.Temp -0.004183 0.011826 -0.354 0.724

L6.Precip. horaria -0.202063 0.192691 -1.049 0.294

L6.Temp. prom aire 0.013230 0.012261 1.079 0.281

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.304697 6.246983 0.209 0.835

L1.Conduct -0.017164 0.095795 -0.179 0.858

L1.Water 0.405651 0.340096 1.193 0.233

L1.Temp 0.049644 0.212081 0.234 0.815

L1.Precip. horaria -2.806510 3.276531 -0.857 0.392

L1.Temp. prom aire 0.093445 0.203130 0.460 0.645

L2.Conduct 0.133655 0.131356 1.018 0.309

L2.Water -0.470804 0.481852 -0.977 0.329

L2.Temp 0.572832 0.237239 2.415 0.016

L2.Precip. horaria 0.060467 3.211853 0.019 0.985

L2.Temp. prom aire -0.059642 0.222596 -0.268 0.789

L3.Conduct 0.023094 0.129981 0.178 0.859

L3.Water -0.207854 0.413178 -0.503 0.615

L3.Temp 0.341096 0.266643 1.279 0.201

L3.Precip. horaria 3.708248 3.142106 1.180 0.238

L3.Temp. prom aire -0.227563 0.241924 -0.941 0.347

L4.Conduct -0.173991 0.139702 -1.245 0.213

L4.Water 0.705838 0.389507 1.812 0.070

L4.Temp -0.167496 0.275430 -0.608 0.543

L4.Precip. horaria -1.439150 3.092259 -0.465 0.642

L4.Temp. prom aire 0.020088 0.239247 0.084 0.933

L5.Conduct 0.139791 0.116962 1.195 0.232

L5.Water -0.497015 0.319259 -1.557 0.120

L5.Temp -0.019769 0.254781 -0.078 0.938

L5.Precip. horaria -3.252653 2.960065 -1.099 0.272

L5.Temp. prom aire -0.022876 0.239556 -0.095 0.924

L6.Conduct -0.075639 0.062014 -1.220 0.223

L6.Water 0.190458 0.193891 0.982 0.326

L6.Temp -0.269721 0.194736 -1.385 0.166

L6.Precip. horaria 0.664954 3.172989 0.210 0.834

L6.Temp. prom aire 0.158455 0.201902 0.785 0.433

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.836660 -0.297040 0.160305 -0.158086

Water 0.836660 1.000000 -0.265923 0.455721 -0.040581

Temp -0.297040 -0.265923 1.000000 -0.023166 0.585407

Precip. horaria 0.160305 0.455721 -0.023166 1.000000 0.092332

Temp. prom aire -0.158086 -0.040581 0.585407 0.092332 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 9.20679

Nobs: 65.0000 HQIC: 6.06755

Log likelihood: -436.861 FPE: 84.9800

AIC: 4.02171 Det(Omega\_mle): 12.0928

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 120.501772 43.370613 2.778 0.005

L1.Conduct 0.532744 0.179092 2.975 0.003

L1.Water -4.018567 1.770754 -2.269 0.023

L1.Temp -1.773762 1.667123 -1.064 0.287

L1.Precip. horaria 118.502094 31.920911 3.712 0.000

L1.Temp. prom aire 0.859599 1.674493 0.513 0.608

L2.Conduct -0.181903 0.266691 -0.682 0.495

L2.Water 5.179137 2.920405 1.773 0.076

L2.Temp -0.097067 1.890889 -0.051 0.959

L2.Precip. horaria 66.761130 31.745199 2.103 0.035

L2.Temp. prom aire 1.821755 1.683724 1.082 0.279

L3.Conduct 0.554085 0.259619 2.134 0.033

L3.Water -3.878082 3.002399 -1.292 0.196

L3.Temp -1.135605 2.067450 -0.549 0.583

L3.Precip. horaria 52.705091 33.645812 1.566 0.117

L3.Temp. prom aire -0.111801 1.742794 -0.064 0.949

L4.Conduct 0.406635 0.238874 1.702 0.089

L4.Water -4.594029 2.587524 -1.775 0.076

L4.Temp 0.149351 2.056108 0.073 0.942

L4.Precip. horaria 152.272380 33.750191 4.512 0.000

L4.Temp. prom aire -0.758829 1.887089 -0.402 0.688

L5.Conduct -0.195769 0.206179 -0.950 0.342

L5.Water 2.853997 2.004193 1.424 0.154

L5.Temp 1.371581 1.948959 0.704 0.482

L5.Precip. horaria 42.546114 30.226264 1.408 0.159

L5.Temp. prom aire -1.775694 1.857574 -0.956 0.339

L6.Conduct -0.318970 0.166085 -1.921 0.055

L6.Water 0.951019 1.142905 0.832 0.405

L6.Temp 0.896007 1.473502 0.608 0.543

L6.Precip. horaria 37.078448 32.270356 1.149 0.251

L6.Temp. prom aire -2.443222 1.654128 -1.477 0.140

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 9.906446 5.102535 1.941 0.052

L1.Conduct -0.085314 0.021070 -4.049 0.000

L1.Water 1.340733 0.208329 6.436 0.000

L1.Temp -0.127848 0.196136 -0.652 0.515

L1.Precip. horaria 0.555592 3.755482 0.148 0.882

L1.Temp. prom aire -0.034099 0.197003 -0.173 0.863

L2.Conduct 0.008109 0.031376 0.258 0.796

L2.Water -0.489919 0.343584 -1.426 0.154

L2.Temp -0.413599 0.222462 -1.859 0.063

L2.Precip. horaria -0.937406 3.734809 -0.251 0.802

L2.Temp. prom aire 0.217722 0.198089 1.099 0.272

L3.Conduct 0.012870 0.030544 0.421 0.674

L3.Water 0.424779 0.353231 1.203 0.229

L3.Temp -0.134451 0.243235 -0.553 0.580

L3.Precip. horaria 4.046283 3.958416 1.022 0.307

L3.Temp. prom aire 0.460730 0.205039 2.247 0.025

L4.Conduct 0.091731 0.028103 3.264 0.001

L4.Water -0.770321 0.304421 -2.530 0.011

L4.Temp 0.200596 0.241900 0.829 0.407

L4.Precip. horaria 7.742307 3.970696 1.950 0.051

L4.Temp. prom aire 0.080827 0.222015 0.364 0.716

L5.Conduct -0.040655 0.024257 -1.676 0.094

L5.Water 0.516930 0.235792 2.192 0.028

L5.Temp 0.087733 0.229294 0.383 0.702

L5.Precip. horaria 1.882181 3.556107 0.529 0.597

L5.Temp. prom aire -0.072291 0.218543 -0.331 0.741

L6.Conduct -0.011830 0.019540 -0.605 0.545

L6.Water -0.286726 0.134462 -2.132 0.033

L6.Temp -0.072557 0.173357 -0.419 0.676

L6.Precip. horaria 3.852051 3.796594 1.015 0.310

L6.Temp. prom aire -0.139254 0.194607 -0.716 0.474

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.008746 5.406310 0.002 0.999

L1.Conduct -0.011773 0.022324 -0.527 0.598

L1.Water 0.221603 0.220731 1.004 0.315

L1.Temp 0.598721 0.207813 2.881 0.004

L1.Precip. horaria -3.661663 3.979062 -0.920 0.357

L1.Temp. prom aire 0.482293 0.208732 2.311 0.021

L2.Conduct 0.033631 0.033244 1.012 0.312

L2.Water -0.555339 0.364040 -1.525 0.127

L2.Temp 0.414737 0.235706 1.760 0.078

L2.Precip. horaria 4.442439 3.957159 1.123 0.262

L2.Temp. prom aire -0.150194 0.209883 -0.716 0.474

L3.Conduct -0.055451 0.032362 -1.713 0.087

L3.Water 0.581659 0.374260 1.554 0.120

L3.Temp 0.129336 0.257715 0.502 0.616

L3.Precip. horaria 0.080260 4.194077 0.019 0.985

L3.Temp. prom aire -0.033823 0.217246 -0.156 0.876

L4.Conduct 0.052740 0.029776 1.771 0.077

L4.Water -0.213177 0.322545 -0.661 0.509

L4.Temp -0.215450 0.256302 -0.841 0.401

L4.Precip. horaria -2.341002 4.207089 -0.556 0.578

L4.Temp. prom aire 0.061458 0.235233 0.261 0.794

L5.Conduct -0.035725 0.025701 -1.390 0.165

L5.Water 0.077501 0.249830 0.310 0.756

L5.Temp 0.207547 0.242945 0.854 0.393

L5.Precip. horaria -4.065568 3.767818 -1.079 0.281

L5.Temp. prom aire -0.066014 0.231554 -0.285 0.776

L6.Conduct 0.011966 0.020703 0.578 0.563

L6.Water -0.065212 0.142467 -0.458 0.647

L6.Temp -0.302860 0.183678 -1.649 0.099

L6.Precip. horaria 2.423032 4.022622 0.602 0.547

L6.Temp. prom aire -0.059678 0.206193 -0.289 0.772

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.172985 0.243012 0.712 0.477

L1.Conduct -0.002162 0.001003 -2.155 0.031

L1.Water 0.011075 0.009922 1.116 0.264

L1.Temp -0.006481 0.009341 -0.694 0.488

L1.Precip. horaria -0.378547 0.178857 -2.116 0.034

L1.Temp. prom aire -0.007604 0.009382 -0.810 0.418

L2.Conduct -0.000990 0.001494 -0.662 0.508

L2.Water 0.011829 0.016363 0.723 0.470

L2.Temp -0.016794 0.010595 -1.585 0.113

L2.Precip. horaria -0.472931 0.177873 -2.659 0.008

L2.Temp. prom aire 0.008333 0.009434 0.883 0.377

L3.Conduct -0.001006 0.001455 -0.691 0.489

L3.Water 0.011143 0.016823 0.662 0.508

L3.Temp -0.005335 0.011584 -0.461 0.645

L3.Precip. horaria -0.408642 0.188522 -2.168 0.030

L3.Temp. prom aire 0.023172 0.009765 2.373 0.018

L4.Conduct 0.002782 0.001338 2.079 0.038

L4.Water -0.015274 0.014498 -1.054 0.292

L4.Temp 0.007590 0.011521 0.659 0.510

L4.Precip. horaria -0.102637 0.189107 -0.543 0.587

L4.Temp. prom aire 0.005394 0.010574 0.510 0.610

L5.Conduct -0.001898 0.001155 -1.643 0.100

L5.Water 0.009510 0.011230 0.847 0.397

L5.Temp -0.005282 0.010920 -0.484 0.629

L5.Precip. horaria -0.153210 0.169362 -0.905 0.366

L5.Temp. prom aire 0.003176 0.010408 0.305 0.760

L6.Conduct 0.000326 0.000931 0.351 0.726

L6.Water -0.013750 0.006404 -2.147 0.032

L6.Temp -0.004875 0.008256 -0.590 0.555

L6.Precip. horaria -0.072569 0.180815 -0.401 0.688

L6.Temp. prom aire 0.006868 0.009268 0.741 0.459

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 10.829357 5.200114 2.083 0.037

L1.Conduct -0.029991 0.021473 -1.397 0.163

L1.Water 0.437698 0.212313 2.062 0.039

L1.Temp -0.021080 0.199887 -0.105 0.916

L1.Precip. horaria -6.385118 3.827301 -1.668 0.095

L1.Temp. prom aire 0.175919 0.200771 0.876 0.381

L2.Conduct 0.041993 0.031976 1.313 0.189

L2.Water -0.621168 0.350155 -1.774 0.076

L2.Temp 0.377562 0.226717 1.665 0.096

L2.Precip. horaria 2.032418 3.806233 0.534 0.593

L2.Temp. prom aire 0.092150 0.201878 0.456 0.648

L3.Conduct -0.033648 0.031128 -1.081 0.280

L3.Water 0.269112 0.359986 0.748 0.455

L3.Temp 0.205498 0.247886 0.829 0.407

L3.Precip. horaria 3.144877 4.034115 0.780 0.436

L3.Temp. prom aire -0.097343 0.208960 -0.466 0.641

L4.Conduct 0.043031 0.028641 1.502 0.133

L4.Water -0.192819 0.310243 -0.622 0.534

L4.Temp -0.188750 0.246526 -0.766 0.444

L4.Precip. horaria -0.809485 4.046630 -0.200 0.841

L4.Temp. prom aire 0.013166 0.226261 0.058 0.954

L5.Conduct -0.010991 0.024721 -0.445 0.657

L5.Water -0.038270 0.240302 -0.159 0.873

L5.Temp 0.135211 0.233679 0.579 0.563

L5.Precip. horaria -2.005852 3.624113 -0.553 0.580

L5.Temp. prom aire -0.082838 0.222722 -0.372 0.710

L6.Conduct -0.020945 0.019914 -1.052 0.293

L6.Water 0.080893 0.137034 0.590 0.555

L6.Temp -0.230008 0.176672 -1.302 0.193

L6.Precip. horaria 0.125886 3.869199 0.033 0.974

L6.Temp. prom aire -0.121326 0.198329 -0.612 0.541

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.598255 -0.240318 -0.019347 -0.106011

Water 0.598255 1.000000 -0.079625 0.316358 -0.038306

Temp -0.240318 -0.079625 1.000000 -0.048471 0.558554

Precip. horaria -0.019347 0.316358 -0.048471 1.000000 -0.005166

Temp. prom aire -0.106011 -0.038306 0.558554 -0.005166 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 3.42157

Nobs: 65.0000 HQIC: 0.282342

Log likelihood: -248.841 FPE: 0.261115

AIC: -1.76350 Det(Omega\_mle): 0.0371571

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 3.486668 2.293904 1.520 0.129

L1.Conduct 0.020727 0.368227 0.056 0.955

L1.Water 0.296875 0.302771 0.981 0.327

L1.Temp -0.137198 0.217825 -0.630 0.529

L1.Precip. horaria -1.426456 3.029256 -0.471 0.638

L1.Temp. prom aire 0.247548 0.181384 1.365 0.172

L2.Conduct -0.136147 0.380226 -0.358 0.720

L2.Water 0.257967 0.374323 0.689 0.491

L2.Temp 0.018123 0.251017 0.072 0.942

L2.Precip. horaria -3.048760 2.863995 -1.065 0.287

L2.Temp. prom aire 0.149144 0.199809 0.746 0.455

L3.Conduct -0.132128 0.372093 -0.355 0.723

L3.Water 0.372270 0.372939 0.998 0.318

L3.Temp -0.298709 0.258747 -1.154 0.248

L3.Precip. horaria -4.799102 2.973865 -1.614 0.107

L3.Temp. prom aire -0.019416 0.204310 -0.095 0.924

L4.Conduct 0.543094 0.365256 1.487 0.137

L4.Water -0.701444 0.355682 -1.972 0.049

L4.Temp -0.235667 0.267521 -0.881 0.378

L4.Precip. horaria 8.831882 3.009135 2.935 0.003

L4.Temp. prom aire 0.089563 0.202427 0.442 0.658

L5.Conduct 0.180518 0.363393 0.497 0.619

L5.Water -0.148448 0.331045 -0.448 0.654

L5.Temp 0.069853 0.253833 0.275 0.783

L5.Precip. horaria 4.759835 2.972998 1.601 0.109

L5.Temp. prom aire 0.182249 0.210232 0.867 0.386

L6.Conduct -0.209578 0.193509 -1.083 0.279

L6.Water -0.052721 0.174910 -0.301 0.763

L6.Temp 0.075313 0.177606 0.424 0.672

L6.Precip. horaria 4.354481 2.968297 1.467 0.142

L6.Temp. prom aire 0.020800 0.187518 0.111 0.912

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 4.450350 2.903302 1.533 0.125

L1.Conduct -0.637206 0.466050 -1.367 0.172

L1.Water 1.096526 0.383205 2.861 0.004

L1.Temp -0.132073 0.275692 -0.479 0.632

L1.Precip. horaria -3.274281 3.834008 -0.854 0.393

L1.Temp. prom aire 0.124041 0.229570 0.540 0.589

L2.Conduct 0.079971 0.481236 0.166 0.868

L2.Water 0.136287 0.473765 0.288 0.774

L2.Temp 0.112255 0.317702 0.353 0.724

L2.Precip. horaria -4.926417 3.624844 -1.359 0.174

L2.Temp. prom aire 0.027264 0.252890 0.108 0.914

L3.Conduct -0.074545 0.470943 -0.158 0.874

L3.Water 0.393440 0.472014 0.834 0.405

L3.Temp -0.124029 0.327486 -0.379 0.705

L3.Precip. horaria -4.657057 3.763902 -1.237 0.216

L3.Temp. prom aire -0.014838 0.258587 -0.057 0.954

L4.Conduct 0.558072 0.462290 1.207 0.227

L4.Water -0.614337 0.450173 -1.365 0.172

L4.Temp -0.081915 0.338591 -0.242 0.809

L4.Precip. horaria 8.620941 3.808542 2.264 0.024

L4.Temp. prom aire -0.093702 0.256204 -0.366 0.715

L5.Conduct 0.360041 0.459932 0.783 0.434

L5.Water -0.317689 0.418991 -0.758 0.448

L5.Temp 0.033525 0.321267 0.104 0.917

L5.Precip. horaria 6.325693 3.762804 1.681 0.093

L5.Temp. prom aire 0.031304 0.266083 0.118 0.906

L6.Conduct -0.252944 0.244917 -1.033 0.302

L6.Water -0.051756 0.221377 -0.234 0.815

L6.Temp 0.052691 0.224789 0.234 0.815

L6.Precip. horaria 3.922276 3.756855 1.044 0.296

L6.Temp. prom aire -0.042873 0.237334 -0.181 0.857

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.200966 2.189422 0.092 0.927

L1.Conduct 0.040895 0.351455 0.116 0.907

L1.Water 0.056238 0.288980 0.195 0.846

L1.Temp 0.596160 0.207903 2.867 0.004

L1.Precip. horaria -4.751804 2.891281 -1.643 0.100

L1.Temp. prom aire 0.430063 0.173122 2.484 0.013

L2.Conduct 0.557065 0.362907 1.535 0.125

L2.Water -0.642587 0.357273 -1.799 0.072

L2.Temp 0.393269 0.239584 1.641 0.101

L2.Precip. horaria 2.371634 2.733547 0.868 0.386

L2.Temp. prom aire -0.150927 0.190708 -0.791 0.429

L3.Conduct -0.842500 0.355145 -2.372 0.018

L3.Water 0.785100 0.355953 2.206 0.027

L3.Temp 0.116429 0.246962 0.471 0.637

L3.Precip. horaria -0.381020 2.838413 -0.134 0.893

L3.Temp. prom aire -0.012136 0.195004 -0.062 0.950

L4.Conduct 0.985709 0.348620 2.827 0.005

L4.Water -0.656682 0.339482 -1.934 0.053

L4.Temp -0.045963 0.255336 -0.180 0.857

L4.Precip. horaria -1.535563 2.872077 -0.535 0.593

L4.Temp. prom aire -0.007572 0.193207 -0.039 0.969

L5.Conduct -0.517223 0.346842 -1.491 0.136

L5.Water 0.493892 0.315967 1.563 0.118

L5.Temp 0.207207 0.242272 0.855 0.392

L5.Precip. horaria -2.517238 2.837586 -0.887 0.375

L5.Temp. prom aire -0.177679 0.200657 -0.885 0.376

L6.Conduct 0.144438 0.184696 0.782 0.434

L6.Water -0.154064 0.166944 -0.923 0.356

L6.Temp -0.236743 0.169517 -1.397 0.163

L6.Precip. horaria -1.329474 2.833099 -0.469 0.639

L6.Temp. prom aire -0.163780 0.178977 -0.915 0.360

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.183333 0.134908 -1.359 0.174

L1.Conduct -0.014265 0.021656 -0.659 0.510

L1.Water 0.002071 0.017806 0.116 0.907

L1.Temp -0.015815 0.012811 -1.235 0.217

L1.Precip. horaria 0.008696 0.178155 0.049 0.961

L1.Temp. prom aire 0.003733 0.010667 0.350 0.726

L2.Conduct 0.001192 0.022362 0.053 0.957

L2.Water 0.018341 0.022015 0.833 0.405

L2.Temp -0.001745 0.014763 -0.118 0.906

L2.Precip. horaria -0.330835 0.168436 -1.964 0.050

L2.Temp. prom aire 0.016318 0.011751 1.389 0.165

L3.Conduct 0.004075 0.021883 0.186 0.852

L3.Water -0.001959 0.021933 -0.089 0.929

L3.Temp 0.004243 0.015217 0.279 0.780

L3.Precip. horaria -0.123692 0.174898 -0.707 0.479

L3.Temp. prom aire 0.010709 0.012016 0.891 0.373

L4.Conduct 0.031053 0.021481 1.446 0.148

L4.Water -0.008910 0.020918 -0.426 0.670

L4.Temp 0.008221 0.015733 0.523 0.601

L4.Precip. horaria -0.124143 0.176972 -0.701 0.483

L4.Temp. prom aire -0.006126 0.011905 -0.515 0.607

L5.Conduct -0.019829 0.021372 -0.928 0.354

L5.Water 0.002477 0.019469 0.127 0.899

L5.Temp -0.009224 0.014928 -0.618 0.537

L5.Precip. horaria 0.124205 0.174847 0.710 0.477

L5.Temp. prom aire -0.004058 0.012364 -0.328 0.743

L6.Conduct 0.011529 0.011381 1.013 0.311

L6.Water -0.010139 0.010287 -0.986 0.324

L6.Temp 0.002062 0.010445 0.197 0.844

L6.Precip. horaria -0.116438 0.174570 -0.667 0.505

L6.Temp. prom aire 0.009935 0.011028 0.901 0.368

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 6.315117 2.461323 2.566 0.010

L1.Conduct 0.007126 0.395102 0.018 0.986

L1.Water 0.205554 0.324868 0.633 0.527

L1.Temp 0.044796 0.233722 0.192 0.848

L1.Precip. horaria -4.526468 3.250345 -1.393 0.164

L1.Temp. prom aire 0.167957 0.194622 0.863 0.388

L2.Conduct 0.364204 0.407976 0.893 0.372

L2.Water -0.467138 0.401643 -1.163 0.245

L2.Temp 0.403381 0.269337 1.498 0.134

L2.Precip. horaria 3.399122 3.073022 1.106 0.269

L2.Temp. prom aire 0.034598 0.214392 0.161 0.872

L3.Conduct -0.697097 0.399250 -1.746 0.081

L3.Water 0.497284 0.400158 1.243 0.214

L3.Temp 0.168075 0.277632 0.605 0.545

L3.Precip. horaria 3.555875 3.190911 1.114 0.265

L3.Temp. prom aire -0.068810 0.219222 -0.314 0.754

L4.Conduct 0.958612 0.391914 2.446 0.014

L4.Water -0.635203 0.381641 -1.664 0.096

L4.Temp -0.121408 0.287046 -0.423 0.672

L4.Precip. horaria 2.855747 3.228755 0.884 0.376

L4.Temp. prom aire 0.012017 0.217201 0.055 0.956

L5.Conduct -0.160185 0.389915 -0.411 0.681

L5.Water 0.202675 0.355206 0.571 0.568

L5.Temp 0.303708 0.272359 1.115 0.265

L5.Precip. horaria -4.173209 3.189981 -1.308 0.191

L5.Temp. prom aire -0.114696 0.225576 -0.508 0.611

L6.Conduct -0.416863 0.207633 -2.008 0.045

L6.Water 0.184573 0.187676 0.983 0.325

L6.Temp -0.272173 0.190569 -1.428 0.153

L6.Precip. horaria 1.298768 3.184937 0.408 0.683

L6.Temp. prom aire -0.256810 0.201204 -1.276 0.202

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.891139 -0.236759 0.272853 -0.071651

Water 0.891139 1.000000 -0.258499 0.380117 -0.100047

Temp -0.236759 -0.258499 1.000000 -0.048270 0.628124

Precip. horaria 0.272853 0.380117 -0.048270 1.000000 0.063350

Temp. prom aire -0.071651 -0.100047 0.628124 0.063350 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 5.39361

Nobs: 65.0000 HQIC: 2.25438

Log likelihood: -312.932 FPE: 1.87619

AIC: 0.208533 Det(Omega\_mle): 0.266985

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 52.451637 19.541833 2.684 0.007

L1.Conduct 0.713395 0.269906 2.643 0.008

L1.Water -0.944632 0.874390 -1.080 0.280

L1.Temp -0.965929 0.609128 -1.586 0.113

L1.Precip. horaria 27.061982 8.850186 3.058 0.002

L1.Temp. prom aire 0.567274 0.599338 0.947 0.344

L2.Conduct -0.400553 0.349234 -1.147 0.251

L2.Water 1.209609 1.272190 0.951 0.342

L2.Temp 0.188637 0.665495 0.283 0.777

L2.Precip. horaria -2.683249 9.291161 -0.289 0.773

L2.Temp. prom aire 0.533438 0.593086 0.899 0.368

L3.Conduct 0.055248 0.332346 0.166 0.868

L3.Water -0.530044 1.172329 -0.452 0.651

L3.Temp -0.423967 0.772710 -0.549 0.583

L3.Precip. horaria 13.809484 9.084419 1.520 0.128

L3.Temp. prom aire -0.150193 0.655034 -0.229 0.819

L4.Conduct -0.174818 0.314899 -0.555 0.579

L4.Water 0.192505 0.872770 0.221 0.825

L4.Temp -0.259482 0.865844 -0.300 0.764

L4.Precip. horaria 7.934591 8.531527 0.930 0.352

L4.Temp. prom aire -0.037530 0.646406 -0.058 0.954

L5.Conduct 0.125842 0.257183 0.489 0.625

L5.Water -1.133756 0.836462 -1.355 0.175

L5.Temp -0.375176 0.803742 -0.467 0.641

L5.Precip. horaria 13.010618 9.221202 1.411 0.158

L5.Temp. prom aire 0.137472 0.646295 0.213 0.832

L6.Conduct 0.039402 0.167171 0.236 0.814

L6.Water 0.232113 0.470020 0.494 0.621

L6.Temp -0.162850 0.560629 -0.290 0.771

L6.Precip. horaria 7.126267 9.532196 0.748 0.455

L6.Temp. prom aire 0.223171 0.565557 0.395 0.693

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 11.654726 5.911085 1.972 0.049

L1.Conduct -0.010471 0.081642 -0.128 0.898

L1.Water 0.823777 0.264489 3.115 0.002

L1.Temp -0.175346 0.184251 -0.952 0.341

L1.Precip. horaria 1.833862 2.677036 0.685 0.493

L1.Temp. prom aire 0.218392 0.181290 1.205 0.228

L2.Conduct -0.157619 0.105638 -1.492 0.136

L2.Water 0.320924 0.384817 0.834 0.404

L2.Temp 0.080211 0.201301 0.398 0.690

L2.Precip. horaria -3.518563 2.810424 -1.252 0.211

L2.Temp. prom aire 0.080753 0.179399 0.450 0.653

L3.Conduct 0.202424 0.100529 2.014 0.044

L3.Water -0.304014 0.354610 -0.857 0.391

L3.Temp -0.205505 0.233732 -0.879 0.379

L3.Precip. horaria 3.592978 2.747888 1.308 0.191

L3.Temp. prom aire 0.039023 0.198137 0.197 0.844

L4.Conduct -0.266270 0.095252 -2.795 0.005

L4.Water 0.442580 0.263999 1.676 0.094

L4.Temp -0.037917 0.261904 -0.145 0.885

L4.Precip. horaria 4.418548 2.580647 1.712 0.087

L4.Temp. prom aire 0.068757 0.195527 0.352 0.725

L5.Conduct 0.022609 0.077794 0.291 0.771

L5.Water -0.269254 0.253016 -1.064 0.287

L5.Temp -0.144010 0.243119 -0.592 0.554

L5.Precip. horaria 3.656922 2.789263 1.311 0.190

L5.Temp. prom aire 0.017259 0.195494 0.088 0.930

L6.Conduct 0.102943 0.050567 2.036 0.042

L6.Water -0.355126 0.142174 -2.498 0.012

L6.Temp -0.048843 0.169581 -0.288 0.773

L6.Precip. horaria 1.853089 2.883333 0.643 0.520

L6.Temp. prom aire 0.045646 0.171072 0.267 0.790

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -12.578977 5.883933 -2.138 0.033

L1.Conduct 0.114613 0.081267 1.410 0.158

L1.Water -0.068458 0.263274 -0.260 0.795

L1.Temp 0.262571 0.183405 1.432 0.152

L1.Precip. horaria -3.084128 2.664740 -1.157 0.247

L1.Temp. prom aire 0.207435 0.180457 1.149 0.250

L2.Conduct 0.163847 0.105152 1.558 0.119

L2.Water -0.456810 0.383049 -1.193 0.233

L2.Temp 0.715928 0.200377 3.573 0.000

L2.Precip. horaria -0.077555 2.797515 -0.028 0.978

L2.Temp. prom aire -0.191601 0.178575 -1.073 0.283

L3.Conduct 0.084653 0.100067 0.846 0.398

L3.Water -0.069347 0.352981 -0.196 0.844

L3.Temp 0.598125 0.232659 2.571 0.010

L3.Precip. horaria 0.259434 2.735266 0.095 0.924

L3.Temp. prom aire -0.188283 0.197227 -0.955 0.340

L4.Conduct -0.118632 0.094814 -1.251 0.211

L4.Water 0.747501 0.262786 2.845 0.004

L4.Temp 0.244733 0.260701 0.939 0.348

L4.Precip. horaria -6.198148 2.568793 -2.413 0.016

L4.Temp. prom aire -0.183026 0.194629 -0.940 0.347

L5.Conduct 0.090881 0.077436 1.174 0.241

L5.Water -0.140407 0.251854 -0.557 0.577

L5.Temp 0.007007 0.242002 0.029 0.977

L5.Precip. horaria -3.798881 2.776451 -1.368 0.171

L5.Temp. prom aire -0.292510 0.194596 -1.503 0.133

L6.Conduct -0.037992 0.050334 -0.755 0.450

L6.Water 0.053244 0.141520 0.376 0.707

L6.Temp -0.166563 0.168802 -0.987 0.324

L6.Precip. horaria -2.330616 2.870089 -0.812 0.417

L6.Temp. prom aire -0.022865 0.170286 -0.134 0.893

================================================================

Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.102736 0.396160 0.259 0.795

L1.Conduct 0.000667 0.005472 0.122 0.903

L1.Water -0.003353 0.017726 -0.189 0.850

L1.Temp -0.010392 0.012348 -0.842 0.400

L1.Precip. horaria -0.002413 0.179415 -0.013 0.989

L1.Temp. prom aire 0.008989 0.012150 0.740 0.459

L2.Conduct -0.002862 0.007080 -0.404 0.686

L2.Water 0.025906 0.025790 1.004 0.315

L2.Temp 0.002845 0.013491 0.211 0.833

L2.Precip. horaria -0.210451 0.188354 -1.117 0.264

L2.Temp. prom aire 0.025741 0.012023 2.141 0.032

L3.Conduct -0.005143 0.006737 -0.763 0.445

L3.Water 0.008112 0.023766 0.341 0.733

L3.Temp 0.000906 0.015665 0.058 0.954

L3.Precip. horaria -0.088593 0.184163 -0.481 0.630

L3.Temp. prom aire 0.014152 0.013279 1.066 0.287

L4.Conduct -0.010186 0.006384 -1.596 0.111

L4.Water 0.028026 0.017693 1.584 0.113

L4.Temp -0.012600 0.017553 -0.718 0.473

L4.Precip. horaria -0.063209 0.172955 -0.365 0.715

L4.Temp. prom aire 0.000072 0.013104 0.006 0.996

L5.Conduct 0.003885 0.005214 0.745 0.456

L5.Water -0.035637 0.016957 -2.102 0.036

L5.Temp -0.021374 0.016294 -1.312 0.190

L5.Precip. horaria 0.100982 0.186936 0.540 0.589

L5.Temp. prom aire 0.007574 0.013102 0.578 0.563

L6.Conduct 0.001187 0.003389 0.350 0.726

L6.Water -0.011516 0.009528 -1.209 0.227

L6.Temp -0.005505 0.011365 -0.484 0.628

L6.Precip. horaria -0.075784 0.193241 -0.392 0.695

L6.Temp. prom aire 0.019159 0.011465 1.671 0.095

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -11.839388 5.798305 -2.042 0.041

L1.Conduct 0.150518 0.080084 1.879 0.060

L1.Water -0.071620 0.259442 -0.276 0.783

L1.Temp -0.216030 0.180736 -1.195 0.232

L1.Precip. horaria -1.047003 2.625960 -0.399 0.690

L1.Temp. prom aire -0.048243 0.177831 -0.271 0.786

L2.Conduct 0.169345 0.103622 1.634 0.102

L2.Water -0.510931 0.377475 -1.354 0.176

L2.Temp 0.500200 0.197461 2.533 0.011

L2.Precip. horaria -1.307890 2.756803 -0.474 0.635

L2.Temp. prom aire -0.033650 0.175976 -0.191 0.848

L3.Conduct 0.122794 0.098611 1.245 0.213

L3.Water -0.236301 0.347845 -0.679 0.497

L3.Temp 0.585272 0.229273 2.553 0.011

L3.Precip. horaria 1.263552 2.695460 0.469 0.639

L3.Temp. prom aire -0.245312 0.194357 -1.262 0.207

L4.Conduct -0.085607 0.093435 -0.916 0.360

L4.Water 0.773017 0.258962 2.985 0.003

L4.Temp 0.301406 0.256907 1.173 0.241

L4.Precip. horaria -4.995833 2.531410 -1.974 0.048

L4.Temp. prom aire -0.193555 0.191797 -1.009 0.313

L5.Conduct 0.113394 0.076309 1.486 0.137

L5.Water -0.174528 0.248189 -0.703 0.482

L5.Temp 0.207116 0.238480 0.868 0.385

L5.Precip. horaria -6.094396 2.736046 -2.227 0.026

L5.Temp. prom aire -0.219382 0.191764 -1.144 0.253

L6.Conduct -0.057689 0.049602 -1.163 0.245

L6.Water 0.236486 0.139461 1.696 0.090

L6.Temp -0.080015 0.166346 -0.481 0.631

L6.Precip. horaria -1.137726 2.828321 -0.402 0.687

L6.Temp. prom aire -0.079793 0.167808 -0.475 0.634

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.859995 -0.173139 0.101098 -0.091512

Water 0.859995 1.000000 -0.168531 0.317777 0.062477

Temp -0.173139 -0.168531 1.000000 -0.005179 0.395715

Precip. horaria 0.101098 0.317777 -0.005179 1.000000 0.144518

Temp. prom aire -0.091512 0.062477 0.395715 0.144518 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 5.56184

Nobs: 65.0000 HQIC: 2.42261

Log likelihood: -318.400 FPE: 2.21992

AIC: 0.376764 Det(Omega\_mle): 0.315899

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 48.773381 16.250678 3.001 0.003

L1.Conduct 0.850288 0.511379 1.663 0.096

L1.Water -1.229396 1.401505 -0.877 0.380

L1.Temp -0.984360 0.543636 -1.811 0.070

L1.Precip. horaria 15.342797 8.467660 1.812 0.070

L1.Temp. prom aire 0.961226 0.546024 1.760 0.078

L2.Conduct -0.747921 0.749580 -0.998 0.318

L2.Water 2.005936 2.240864 0.895 0.371

L2.Temp 0.332455 0.655854 0.507 0.612

L2.Precip. horaria 0.596556 8.046974 0.074 0.941

L2.Temp. prom aire 0.564788 0.601498 0.939 0.348

L3.Conduct 0.559113 0.739577 0.756 0.450

L3.Water -1.170272 2.171394 -0.539 0.590

L3.Temp -0.370424 0.682989 -0.542 0.588

L3.Precip. horaria -1.573707 8.078600 -0.195 0.846

L3.Temp. prom aire -0.391481 0.632220 -0.619 0.536

L4.Conduct 0.009356 0.618083 0.015 0.988

L4.Water -0.578695 1.742072 -0.332 0.740

L4.Temp -0.592058 0.716943 -0.826 0.409

L4.Precip. horaria 18.717029 8.069823 2.319 0.020

L4.Temp. prom aire 0.011313 0.631552 0.018 0.986

L5.Conduct -0.163021 0.359408 -0.454 0.650

L5.Water 0.172371 0.998242 0.173 0.863

L5.Temp -0.111533 0.691953 -0.161 0.872

L5.Precip. horaria 2.032694 8.095144 0.251 0.802

L5.Temp. prom aire -0.002829 0.602078 -0.005 0.996

L6.Conduct -0.013070 0.179859 -0.073 0.942

L6.Water -0.307941 0.414053 -0.744 0.457

L6.Temp 0.026517 0.511518 0.052 0.959

L6.Precip. horaria 10.505158 8.174767 1.285 0.199

L6.Temp. prom aire -0.064642 0.570463 -0.113 0.910

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 13.461882 6.116920 2.201 0.028

L1.Conduct -0.166445 0.192488 -0.865 0.387

L1.Water 0.994947 0.527541 1.886 0.059

L1.Temp -0.262035 0.204630 -1.281 0.200

L1.Precip. horaria 4.694046 3.187313 1.473 0.141

L1.Temp. prom aire 0.180938 0.205529 0.880 0.379

L2.Conduct -0.038248 0.282149 -0.136 0.892

L2.Water 0.012634 0.843484 0.015 0.988

L2.Temp -0.038810 0.246870 -0.157 0.875

L2.Precip. horaria -1.307045 3.028963 -0.432 0.666

L2.Temp. prom aire 0.226712 0.226410 1.001 0.317

L3.Conduct 0.106811 0.278384 0.384 0.701

L3.Water -0.014813 0.817335 -0.018 0.986

L3.Temp 0.020518 0.257084 0.080 0.936

L3.Precip. horaria 0.358560 3.040867 0.118 0.906

L3.Temp. prom aire -0.019868 0.237974 -0.083 0.933

L4.Conduct 0.103503 0.232653 0.445 0.656

L4.Water -0.427026 0.655734 -0.651 0.515

L4.Temp -0.164100 0.269865 -0.608 0.543

L4.Precip. horaria 5.255771 3.037563 1.730 0.084

L4.Temp. prom aire -0.080520 0.237723 -0.339 0.735

L5.Conduct -0.086757 0.135285 -0.641 0.521

L5.Water 0.233756 0.375748 0.622 0.534

L5.Temp -0.056834 0.260458 -0.218 0.827

L5.Precip. horaria 0.105596 3.047094 0.035 0.972

L5.Temp. prom aire 0.026797 0.226628 0.118 0.906

L6.Conduct -0.003337 0.067701 -0.049 0.961

L6.Water -0.200764 0.155854 -1.288 0.198

L6.Temp 0.052548 0.192541 0.273 0.785

L6.Precip. horaria 2.663683 3.077065 0.866 0.387

L6.Temp. prom aire -0.050973 0.214728 -0.237 0.812

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -5.438166 5.896043 -0.922 0.356

L1.Conduct -0.013453 0.185538 -0.073 0.942

L1.Water 0.096304 0.508492 0.189 0.850

L1.Temp 0.498147 0.197241 2.526 0.012

L1.Precip. horaria -1.614662 3.072222 -0.526 0.599

L1.Temp. prom aire 0.449082 0.198108 2.267 0.023

L2.Conduct 0.507656 0.271961 1.867 0.062

L2.Water -1.375420 0.813027 -1.692 0.091

L2.Temp 0.491423 0.237956 2.065 0.039

L2.Precip. horaria 2.478627 2.919589 0.849 0.396

L2.Temp. prom aire -0.240988 0.218235 -1.104 0.269

L3.Conduct -0.650814 0.268332 -2.425 0.015

L3.Water 1.710637 0.787821 2.171 0.030

L3.Temp 0.336792 0.247801 1.359 0.174

L3.Precip. horaria 1.690959 2.931064 0.577 0.564

L3.Temp. prom aire -0.307847 0.229381 -1.342 0.180

L4.Conduct 0.413893 0.224252 1.846 0.065

L4.Water -0.825538 0.632056 -1.306 0.192

L4.Temp -0.319474 0.260120 -1.228 0.219

L4.Precip. horaria -3.967991 2.927880 -1.355 0.175

L4.Temp. prom aire 0.079134 0.229139 0.345 0.730

L5.Conduct -0.163798 0.130400 -1.256 0.209

L5.Water 0.428545 0.362180 1.183 0.237

L5.Temp 0.414763 0.251053 1.652 0.099

L5.Precip. horaria 1.170377 2.937066 0.398 0.690

L5.Temp. prom aire -0.093536 0.218445 -0.428 0.669

L6.Conduct 0.100059 0.065256 1.533 0.125

L6.Water -0.077744 0.150226 -0.518 0.605

L6.Temp -0.154109 0.185588 -0.830 0.406

L6.Precip. horaria -2.969527 2.965955 -1.001 0.317

L6.Temp. prom aire -0.163839 0.206975 -0.792 0.429

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.278422 0.346102 0.804 0.421

L1.Conduct -0.017016 0.010891 -1.562 0.118

L1.Water 0.031403 0.029849 1.052 0.293

L1.Temp -0.010529 0.011578 -0.909 0.363

L1.Precip. horaria 0.002411 0.180342 0.013 0.989

L1.Temp. prom aire 0.005578 0.011629 0.480 0.631

L2.Conduct 0.003156 0.015964 0.198 0.843

L2.Water 0.000345 0.047725 0.007 0.994

L2.Temp -0.017917 0.013968 -1.283 0.200

L2.Precip. horaria -0.106471 0.171382 -0.621 0.534

L2.Temp. prom aire 0.030180 0.012811 2.356 0.018

L3.Conduct -0.002006 0.015751 -0.127 0.899

L3.Water 0.000030 0.046246 0.001 0.999

L3.Temp 0.002622 0.014546 0.180 0.857

L3.Precip. horaria -0.022236 0.172056 -0.129 0.897

L3.Temp. prom aire 0.026096 0.013465 1.938 0.053

L4.Conduct 0.016178 0.013164 1.229 0.219

L4.Water -0.032886 0.037102 -0.886 0.375

L4.Temp -0.001223 0.015269 -0.080 0.936

L4.Precip. horaria 0.003028 0.171869 0.018 0.986

L4.Temp. prom aire -0.000596 0.013451 -0.044 0.965

L5.Conduct -0.014914 0.007655 -1.948 0.051

L5.Water 0.020591 0.021260 0.969 0.333

L5.Temp -0.005917 0.014737 -0.401 0.688

L5.Precip. horaria -0.009906 0.172408 -0.057 0.954

L5.Temp. prom aire -0.004081 0.012823 -0.318 0.750

L6.Conduct 0.000101 0.003831 0.026 0.979

L6.Water -0.009440 0.008818 -1.070 0.284

L6.Temp -0.010796 0.010894 -0.991 0.322

L6.Precip. horaria -0.130616 0.174104 -0.750 0.453

L6.Temp. prom aire 0.007763 0.012150 0.639 0.523

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.555721 5.869054 -0.095 0.925

L1.Conduct 0.065071 0.184689 0.352 0.725

L1.Water 0.019981 0.506164 0.039 0.969

L1.Temp 0.059867 0.196338 0.305 0.760

L1.Precip. horaria -1.284848 3.058159 -0.420 0.674

L1.Temp. prom aire 0.134766 0.197201 0.683 0.494

L2.Conduct 0.194469 0.270716 0.718 0.473

L2.Water -0.467632 0.809305 -0.578 0.563

L2.Temp 0.434885 0.236867 1.836 0.066

L2.Precip. horaria 1.089993 2.906225 0.375 0.708

L2.Temp. prom aire -0.056256 0.217236 -0.259 0.796

L3.Conduct -0.333443 0.267104 -1.248 0.212

L3.Water 0.651773 0.784215 0.831 0.406

L3.Temp 0.221918 0.246666 0.900 0.368

L3.Precip. horaria 2.881867 2.917647 0.988 0.323

L3.Temp. prom aire -0.253737 0.228331 -1.111 0.266

L4.Conduct 0.339543 0.223225 1.521 0.128

L4.Water -0.594566 0.629162 -0.945 0.345

L4.Temp -0.266556 0.258929 -1.029 0.303

L4.Precip. horaria 1.454729 2.914477 0.499 0.618

L4.Temp. prom aire 0.124778 0.228090 0.547 0.584

L5.Conduct -0.076511 0.129803 -0.589 0.556

L5.Water 0.206364 0.360522 0.572 0.567

L5.Temp 0.402211 0.249904 1.609 0.108

L5.Precip. horaria -1.982854 2.923622 -0.678 0.498

L5.Temp. prom aire -0.015643 0.217445 -0.072 0.943

L6.Conduct -0.046256 0.064957 -0.712 0.476

L6.Water 0.177412 0.149538 1.186 0.235

L6.Temp -0.189306 0.184739 -1.025 0.305

L6.Precip. horaria -0.189239 2.952379 -0.064 0.949

L6.Temp. prom aire -0.159721 0.206027 -0.775 0.438

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.936711 -0.130269 0.125713 0.086853

Water 0.936711 1.000000 -0.232148 0.248980 0.026002

Temp -0.130269 -0.232148 1.000000 -0.052143 0.555767

Precip. horaria 0.125713 0.248980 -0.052143 1.000000 0.138896

Temp. prom aire 0.086853 0.026002 0.555767 0.138896 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 7.44240

Nobs: 65.0000 HQIC: 4.30317

Log likelihood: -379.518 FPE: 14.5564

AIC: 2.25733 Det(Omega\_mle): 2.07141

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 124.964922 43.033723 2.904 0.004

L1.Conduct 1.124887 0.303453 3.707 0.000

L1.Water -5.134662 2.147143 -2.391 0.017

L1.Temp -2.298260 1.924579 -1.194 0.232

L1.Precip. horaria 98.599650 24.880042 3.963 0.000

L1.Temp. prom aire -0.124324 1.448069 -0.086 0.932

L2.Conduct -0.730292 0.383798 -1.903 0.057

L2.Water 5.941561 2.833997 2.097 0.036

L2.Temp 1.351387 2.281737 0.592 0.554

L2.Precip. horaria -18.183893 24.732371 -0.735 0.462

L2.Temp. prom aire -0.672098 1.524674 -0.441 0.659

L3.Conduct 1.048249 0.375313 2.793 0.005

L3.Water -6.687800 2.593454 -2.579 0.010

L3.Temp -1.260211 2.519207 -0.500 0.617

L3.Precip. horaria 40.653290 23.705788 1.715 0.086

L3.Temp. prom aire -1.538957 1.562216 -0.985 0.325

L4.Conduct -0.187686 0.388829 -0.483 0.629

L4.Water 2.132390 2.171748 0.982 0.326

L4.Temp 2.186699 2.644797 0.827 0.408

L4.Precip. horaria 30.403838 22.525013 1.350 0.177

L4.Temp. prom aire -1.188749 1.603790 -0.741 0.459

L5.Conduct -0.065843 0.285640 -0.231 0.818

L5.Water -1.794149 1.771156 -1.013 0.311

L5.Temp 1.157541 2.503187 0.462 0.644

L5.Precip. horaria 22.665070 19.704020 1.150 0.250

L5.Temp. prom aire -1.922164 1.684174 -1.141 0.254

L6.Conduct -0.000784 0.170419 -0.005 0.996

L6.Water 1.831967 1.098103 1.668 0.095

L6.Temp 0.025207 1.736736 0.015 0.988

L6.Precip. horaria 7.344255 20.694083 0.355 0.723

L6.Temp. prom aire -1.110622 1.466608 -0.757 0.449

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 10.766327 6.864666 1.568 0.117

L1.Conduct 0.011906 0.048406 0.246 0.806

L1.Water 0.565063 0.342509 1.650 0.099

L1.Temp -0.252458 0.307006 -0.822 0.411

L1.Precip. horaria 8.333989 3.968822 2.100 0.036

L1.Temp. prom aire -0.197351 0.230994 -0.854 0.393

L2.Conduct -0.058169 0.061223 -0.950 0.342

L2.Water 0.336451 0.452074 0.744 0.457

L2.Temp -0.050109 0.363979 -0.138 0.891

L2.Precip. horaria -4.010854 3.945266 -1.017 0.309

L2.Temp. prom aire -0.041573 0.243213 -0.171 0.864

L3.Conduct 0.193767 0.059869 3.237 0.001

L3.Water -0.850777 0.413703 -2.056 0.040

L3.Temp 0.105819 0.401860 0.263 0.792

L3.Precip. horaria 6.214794 3.781507 1.643 0.100

L3.Temp. prom aire -0.084570 0.249202 -0.339 0.734

L4.Conduct -0.112135 0.062025 -1.808 0.071

L4.Water 0.632400 0.346434 1.825 0.068

L4.Temp 0.525331 0.421893 1.245 0.213

L4.Precip. horaria 3.115704 3.593152 0.867 0.386

L4.Temp. prom aire -0.296324 0.255834 -1.158 0.247

L5.Conduct 0.019629 0.045565 0.431 0.667

L5.Water -0.193026 0.282532 -0.683 0.494

L5.Temp 0.011741 0.399304 0.029 0.977

L5.Precip. horaria 0.525688 3.143152 0.167 0.867

L5.Temp. prom aire -0.370554 0.268657 -1.379 0.168

L6.Conduct 0.018292 0.027185 0.673 0.501

L6.Water 0.006029 0.175168 0.034 0.973

L6.Temp 0.075889 0.277041 0.274 0.784

L6.Precip. horaria -0.703923 3.301085 -0.213 0.831

L6.Temp. prom aire -0.077917 0.233951 -0.333 0.739

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -4.474551 4.559503 -0.981 0.326

L1.Conduct 0.041210 0.032151 1.282 0.200

L1.Water -0.182236 0.227494 -0.801 0.423

L1.Temp 0.573286 0.203913 2.811 0.005

L1.Precip. horaria -0.272256 2.636086 -0.103 0.918

L1.Temp. prom aire 0.120747 0.153426 0.787 0.431

L2.Conduct 0.011873 0.040664 0.292 0.770

L2.Water 0.073647 0.300267 0.245 0.806

L2.Temp 0.613254 0.241754 2.537 0.011

L2.Precip. horaria 0.547040 2.620440 0.209 0.835

L2.Temp. prom aire -0.161652 0.161542 -1.001 0.317

L3.Conduct 0.020996 0.039765 0.528 0.598

L3.Water -0.217649 0.274781 -0.792 0.428

L3.Temp 0.456536 0.266915 1.710 0.087

L3.Precip. horaria 0.995199 2.511672 0.396 0.692

L3.Temp. prom aire -0.200814 0.165520 -1.213 0.225

L4.Conduct -0.024521 0.041197 -0.595 0.552

L4.Water 0.388823 0.230101 1.690 0.091

L4.Temp -0.039826 0.280221 -0.142 0.887

L4.Precip. horaria -2.055632 2.386567 -0.861 0.389

L4.Temp. prom aire -0.138801 0.169925 -0.817 0.414

L5.Conduct -0.009024 0.030264 -0.298 0.766

L5.Water -0.068875 0.187657 -0.367 0.714

L5.Temp -0.117135 0.265217 -0.442 0.659

L5.Precip. horaria -1.925277 2.087677 -0.922 0.356

L5.Temp. prom aire -0.138327 0.178441 -0.775 0.438

L6.Conduct -0.000609 0.018056 -0.034 0.973

L6.Water 0.047690 0.116346 0.410 0.682

L6.Temp -0.157989 0.184010 -0.859 0.391

L6.Precip. horaria -2.282826 2.192576 -1.041 0.298

L6.Temp. prom aire 0.091030 0.155390 0.586 0.558

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.345898 0.354475 -0.976 0.329

L1.Conduct 0.000735 0.002500 0.294 0.769

L1.Water -0.006181 0.017686 -0.350 0.727

L1.Temp -0.019944 0.015853 -1.258 0.208

L1.Precip. horaria 0.093085 0.204941 0.454 0.650

L1.Temp. prom aire 0.005396 0.011928 0.452 0.651

L2.Conduct -0.003571 0.003161 -1.129 0.259

L2.Water 0.037951 0.023344 1.626 0.104

L2.Temp -0.003895 0.018795 -0.207 0.836

L2.Precip. horaria -0.393433 0.203724 -1.931 0.053

L2.Temp. prom aire 0.024096 0.012559 1.919 0.055

L3.Conduct 0.001939 0.003092 0.627 0.530

L3.Water -0.022238 0.021363 -1.041 0.298

L3.Temp 0.000973 0.020751 0.047 0.963

L3.Precip. horaria -0.074721 0.195268 -0.383 0.702

L3.Temp. prom aire 0.016624 0.012868 1.292 0.196

L4.Conduct -0.002314 0.003203 -0.723 0.470

L4.Water 0.026984 0.017889 1.508 0.131

L4.Temp 0.002116 0.021786 0.097 0.923

L4.Precip. horaria -0.144564 0.185542 -0.779 0.436

L4.Temp. prom aire 0.002629 0.013211 0.199 0.842

L5.Conduct -0.000603 0.002353 -0.256 0.798

L5.Water -0.015781 0.014589 -1.082 0.279

L5.Temp -0.011440 0.020619 -0.555 0.579

L5.Precip. horaria -0.060037 0.162305 -0.370 0.711

L5.Temp. prom aire 0.000390 0.013873 0.028 0.978

L6.Conduct 0.002739 0.001404 1.951 0.051

L6.Water -0.009640 0.009045 -1.066 0.287

L6.Temp 0.002066 0.014306 0.144 0.885

L6.Precip. horaria -0.224800 0.170460 -1.319 0.187

L6.Temp. prom aire 0.013110 0.012081 1.085 0.278

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -1.716439 5.647150 -0.304 0.761

L1.Conduct 0.028976 0.039821 0.728 0.467

L1.Water 0.028842 0.281761 0.102 0.918

L1.Temp -0.074758 0.252555 -0.296 0.767

L1.Precip. horaria 1.241174 3.264912 0.380 0.704

L1.Temp. prom aire -0.076835 0.190025 -0.404 0.686

L2.Conduct 0.066177 0.050364 1.314 0.189

L2.Water -0.343183 0.371895 -0.923 0.356

L2.Temp 0.668916 0.299424 2.234 0.025

L2.Precip. horaria 1.604631 3.245534 0.494 0.621

L2.Temp. prom aire 0.024914 0.200077 0.125 0.901

L3.Conduct 0.018453 0.049251 0.375 0.708

L3.Water -0.176048 0.340329 -0.517 0.605

L3.Temp 0.637673 0.330586 1.929 0.054

L3.Precip. horaria 3.244683 3.110819 1.043 0.297

L3.Temp. prom aire -0.252152 0.205004 -1.230 0.219

L4.Conduct -0.054204 0.051025 -1.062 0.288

L4.Water 0.499418 0.284990 1.752 0.080

L4.Temp -0.131358 0.347066 -0.378 0.705

L4.Precip. horaria -0.961419 2.955871 -0.325 0.745

L4.Temp. prom aire -0.141740 0.210459 -0.673 0.501

L5.Conduct 0.017271 0.037483 0.461 0.645

L5.Water -0.170789 0.232422 -0.735 0.462

L5.Temp -0.143301 0.328484 -0.436 0.663

L5.Precip. horaria -3.012272 2.585683 -1.165 0.244

L5.Temp. prom aire 0.041390 0.221008 0.187 0.851

L6.Conduct -0.036236 0.022363 -1.620 0.105

L6.Water 0.227927 0.144100 1.582 0.114

L6.Temp -0.201857 0.227905 -0.886 0.376

L6.Precip. horaria 0.075387 2.715605 0.028 0.978

L6.Temp. prom aire 0.121995 0.192457 0.634 0.526

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.801010 -0.345500 0.021475 -0.261139

Water 0.801010 1.000000 -0.225476 0.405181 -0.083037

Temp -0.345500 -0.225476 1.000000 0.077608 0.553141

Precip. horaria 0.021475 0.405181 0.077608 1.000000 0.232629

Temp. prom aire -0.261139 -0.083037 0.553141 0.232629 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 4.76553

Nobs: 65.0000 HQIC: 1.62629

Log likelihood: -292.520 FPE: 1.00116

AIC: -0.419551 Det(Omega\_mle): 0.142467

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 34.862358 8.901000 3.917 0.000

L1.Conduct 0.946353 0.327129 2.893 0.004

L1.Water -1.169973 0.694642 -1.684 0.092

L1.Temp -0.249097 0.435189 -0.572 0.567

L1.Precip. horaria 14.850573 6.243897 2.378 0.017

L1.Temp. prom aire 0.190733 0.423528 0.450 0.652

L2.Conduct -1.144931 0.454952 -2.517 0.012

L2.Water 2.604803 0.994099 2.620 0.009

L2.Temp 0.367503 0.469906 0.782 0.434

L2.Precip. horaria -6.591804 6.090740 -1.082 0.279

L2.Temp. prom aire -0.014443 0.433142 -0.033 0.973

L3.Conduct 0.718537 0.378325 1.899 0.058

L3.Water -0.940300 0.755249 -1.245 0.213

L3.Temp -0.640257 0.540490 -1.185 0.236

L3.Precip. horaria 3.142864 6.136419 0.512 0.609

L3.Temp. prom aire -0.210449 0.441382 -0.477 0.634

L4.Conduct 0.003449 0.342798 0.010 0.992

L4.Water -0.535773 0.592653 -0.904 0.366

L4.Temp -0.395144 0.551647 -0.716 0.474

L4.Precip. horaria 11.123784 5.782283 1.924 0.054

L4.Temp. prom aire 0.378113 0.459551 0.823 0.411

L5.Conduct -0.152318 0.259989 -0.586 0.558

L5.Water -0.480659 0.476012 -1.010 0.313

L5.Temp -0.319570 0.507749 -0.629 0.529

L5.Precip. horaria 10.528296 5.803422 1.814 0.070

L5.Temp. prom aire 0.115671 0.449802 0.257 0.797

L6.Conduct -0.220262 0.165994 -1.327 0.185

L6.Water 0.010900 0.342774 0.032 0.975

L6.Temp -0.125854 0.383889 -0.328 0.743

L6.Precip. horaria 7.176847 5.832722 1.230 0.219

L6.Temp. prom aire 0.202737 0.387525 0.523 0.601

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 15.303068 4.542858 3.369 0.001

L1.Conduct -0.268045 0.166959 -1.605 0.108

L1.Water 0.991825 0.354529 2.798 0.005

L1.Temp -0.043806 0.222110 -0.197 0.844

L1.Precip. horaria 2.162588 3.186736 0.679 0.497

L1.Temp. prom aire -0.100728 0.216159 -0.466 0.641

L2.Conduct -0.204449 0.232197 -0.880 0.379

L2.Water 0.518213 0.507364 1.021 0.307

L2.Temp -0.028999 0.239829 -0.121 0.904

L2.Precip. horaria -1.340655 3.108568 -0.431 0.666

L2.Temp. prom aire 0.013125 0.221065 0.059 0.953

L3.Conduct 0.352078 0.193088 1.823 0.068

L3.Water -0.252277 0.385461 -0.654 0.513

L3.Temp -0.075676 0.275853 -0.274 0.784

L3.Precip. horaria -0.142169 3.131882 -0.045 0.964

L3.Temp. prom aire 0.118338 0.225271 0.525 0.599

L4.Conduct -0.048026 0.174956 -0.275 0.784

L4.Water -0.248880 0.302476 -0.823 0.411

L4.Temp -0.092228 0.281547 -0.328 0.743

L4.Precip. horaria 6.479576 2.951140 2.196 0.028

L4.Temp. prom aire 0.060383 0.234544 0.257 0.797

L5.Conduct -0.090420 0.132692 -0.681 0.496

L5.Water -0.092929 0.242945 -0.383 0.702

L5.Temp -0.269247 0.259143 -1.039 0.299

L5.Precip. horaria 3.202976 2.961928 1.081 0.280

L5.Temp. prom aire 0.093859 0.229568 0.409 0.683

L6.Conduct -0.068663 0.084720 -0.810 0.418

L6.Water -0.189823 0.174944 -1.085 0.278

L6.Temp -0.108369 0.195928 -0.553 0.580

L6.Precip. horaria 2.444195 2.976883 0.821 0.412

L6.Temp. prom aire 0.148827 0.197783 0.752 0.452

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.594759 4.205350 0.141 0.888

L1.Conduct -0.060685 0.154555 -0.393 0.695

L1.Water 0.163807 0.328189 0.499 0.618

L1.Temp 0.281857 0.205608 1.371 0.170

L1.Precip. horaria -2.022563 2.949980 -0.686 0.493

L1.Temp. prom aire 0.441253 0.200099 2.205 0.027

L2.Conduct 0.323300 0.214946 1.504 0.133

L2.Water -0.654488 0.469670 -1.394 0.163

L2.Temp 0.669170 0.222011 3.014 0.003

L2.Precip. horaria 3.498172 2.877620 1.216 0.224

L2.Temp. prom aire -0.113193 0.204641 -0.553 0.580

L3.Conduct -0.169227 0.178743 -0.947 0.344

L3.Water 0.193682 0.356823 0.543 0.587

L3.Temp 0.479382 0.255359 1.877 0.060

L3.Precip. horaria 2.675516 2.899201 0.923 0.356

L3.Temp. prom aire -0.244188 0.208535 -1.171 0.242

L4.Conduct 0.092694 0.161958 0.572 0.567

L4.Water 0.151645 0.280004 0.542 0.588

L4.Temp -0.043909 0.260630 -0.168 0.866

L4.Precip. horaria 0.433933 2.731887 0.159 0.874

L4.Temp. prom aire -0.148039 0.217119 -0.682 0.495

L5.Conduct -0.006511 0.122834 -0.053 0.958

L5.Water 0.005417 0.224896 0.024 0.981

L5.Temp 0.156783 0.239890 0.654 0.513

L5.Precip. horaria -1.714544 2.741874 -0.625 0.532

L5.Temp. prom aire -0.301640 0.212513 -1.419 0.156

L6.Conduct 0.007067 0.078425 0.090 0.928

L6.Water 0.017529 0.161947 0.108 0.914

L6.Temp -0.257946 0.181372 -1.422 0.155

L6.Precip. horaria 0.127396 2.755718 0.046 0.963

L6.Temp. prom aire -0.174245 0.183089 -0.952 0.341

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.006618 0.258554 0.026 0.980

L1.Conduct -0.009930 0.009502 -1.045 0.296

L1.Water 0.004734 0.020178 0.235 0.815

L1.Temp -0.012055 0.012641 -0.954 0.340

L1.Precip. horaria 0.005063 0.181371 0.028 0.978

L1.Temp. prom aire -0.004058 0.012303 -0.330 0.742

L2.Conduct -0.006979 0.013215 -0.528 0.597

L2.Water 0.036053 0.028876 1.249 0.212

L2.Temp -0.008390 0.013650 -0.615 0.539

L2.Precip. horaria -0.205668 0.176923 -1.162 0.245

L2.Temp. prom aire 0.018931 0.012582 1.505 0.132

L3.Conduct 0.006885 0.010989 0.626 0.531

L3.Water -0.016859 0.021938 -0.768 0.442

L3.Temp 0.002602 0.015700 0.166 0.868

L3.Precip. horaria -0.093806 0.178249 -0.526 0.599

L3.Temp. prom aire 0.023155 0.012821 1.806 0.071

L4.Conduct 0.007293 0.009958 0.732 0.464

L4.Water -0.001103 0.017215 -0.064 0.949

L4.Temp 0.005911 0.016024 0.369 0.712

L4.Precip. horaria -0.074184 0.167963 -0.442 0.659

L4.Temp. prom aire 0.003045 0.013349 0.228 0.820

L5.Conduct -0.013971 0.007552 -1.850 0.064

L5.Water 0.001729 0.013827 0.125 0.900

L5.Temp -0.015047 0.014749 -1.020 0.308

L5.Precip. horaria -0.033320 0.168577 -0.198 0.843

L5.Temp. prom aire 0.000479 0.013066 0.037 0.971

L6.Conduct 0.002887 0.004822 0.599 0.549

L6.Water -0.010671 0.009957 -1.072 0.284

L6.Temp -0.007518 0.011151 -0.674 0.500

L6.Precip. horaria -0.225154 0.169428 -1.329 0.184

L6.Temp. prom aire 0.014834 0.011257 1.318 0.188

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 11.436063 4.357687 2.624 0.009

L1.Conduct -0.214172 0.160154 -1.337 0.181

L1.Water 0.512083 0.340078 1.506 0.132

L1.Temp -0.014327 0.213056 -0.067 0.946

L1.Precip. horaria -2.345925 3.056842 -0.767 0.443

L1.Temp. prom aire 0.023173 0.207348 0.112 0.911

L2.Conduct 0.382269 0.222732 1.716 0.086

L2.Water -0.773894 0.486684 -1.590 0.112

L2.Temp 0.531781 0.230053 2.312 0.021

L2.Precip. horaria 4.316853 2.981860 1.448 0.148

L2.Temp. prom aire -0.026713 0.212054 -0.126 0.900

L3.Conduct -0.167421 0.185217 -0.904 0.366

L3.Water 0.152083 0.369749 0.411 0.681

L3.Temp 0.439703 0.264609 1.662 0.097

L3.Precip. horaria 3.625231 3.004223 1.207 0.228

L3.Temp. prom aire -0.234742 0.216089 -1.086 0.277

L4.Conduct 0.106624 0.167825 0.635 0.525

L4.Water -0.007926 0.290147 -0.027 0.978

L4.Temp -0.224592 0.270071 -0.832 0.406

L4.Precip. horaria 3.609016 2.830848 1.275 0.202

L4.Temp. prom aire -0.053469 0.224984 -0.238 0.812

L5.Conduct -0.012822 0.127284 -0.101 0.920

L5.Water -0.049072 0.233042 -0.211 0.833

L5.Temp 0.104540 0.248580 0.421 0.674

L5.Precip. horaria -3.145194 2.841197 -1.107 0.268

L5.Temp. prom aire -0.041748 0.220211 -0.190 0.850

L6.Conduct -0.122815 0.081266 -1.511 0.131

L6.Water 0.065788 0.167813 0.392 0.695

L6.Temp -0.370694 0.187942 -1.972 0.049

L6.Precip. horaria 2.391413 2.855542 0.837 0.402

L6.Temp. prom aire -0.066350 0.189722 -0.350 0.727

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.866857 -0.067067 -0.067880 -0.134982

Water 0.866857 1.000000 -0.056872 0.226403 -0.043367

Temp -0.067067 -0.056872 1.000000 0.109837 0.623211

Precip. horaria -0.067880 0.226403 0.109837 1.000000 0.130688

Temp. prom aire -0.134982 -0.043367 0.623211 0.130688 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 4.50878

Nobs: 65.0000 HQIC: 1.36955

Log likelihood: -284.175 FPE: 0.774461

AIC: -0.676295 Det(Omega\_mle): 0.110207

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 22.466235 9.569496 2.348 0.019

L1.Conduct 1.078016 0.304922 3.535 0.000

L1.Water -0.780653 0.477141 -1.636 0.102

L1.Temp -0.466290 0.327251 -1.425 0.154

L1.Precip. horaria 17.332177 4.214402 4.113 0.000

L1.Temp. prom aire 0.414290 0.290916 1.424 0.154

L2.Conduct -0.897664 0.420160 -2.136 0.033

L2.Water 1.411474 0.675383 2.090 0.037

L2.Temp 0.384015 0.362519 1.059 0.289

L2.Precip. horaria -6.398023 5.121175 -1.249 0.212

L2.Temp. prom aire 0.033562 0.289160 0.116 0.908

L3.Conduct 0.369023 0.362195 1.019 0.308

L3.Water -0.757472 0.510466 -1.484 0.138

L3.Temp -0.494702 0.403013 -1.228 0.220

L3.Precip. horaria 5.304782 4.545897 1.167 0.243

L3.Temp. prom aire -0.108254 0.316594 -0.342 0.732

L4.Conduct 0.009032 0.416590 0.022 0.983

L4.Water 0.003400 0.392252 0.009 0.993

L4.Temp -0.046782 0.444361 -0.105 0.916

L4.Precip. horaria 1.115641 4.484936 0.249 0.804

L4.Temp. prom aire 0.109151 0.316691 0.345 0.730

L5.Conduct -0.287453 0.383975 -0.749 0.454

L5.Water -0.470748 0.343069 -1.372 0.170

L5.Temp -0.295553 0.443241 -0.667 0.505

L5.Precip. horaria 10.592389 5.033893 2.104 0.035

L5.Temp. prom aire 0.166132 0.298430 0.557 0.578

L6.Conduct 0.120838 0.199749 0.605 0.545

L6.Water 0.258615 0.251537 1.028 0.304

L6.Temp -0.183848 0.343348 -0.535 0.592

L6.Precip. horaria 3.253380 5.006308 0.650 0.516

L6.Temp. prom aire 0.291370 0.289156 1.008 0.314

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 8.985340 6.606827 1.360 0.174

L1.Conduct 0.043177 0.210520 0.205 0.837

L1.Water 0.632347 0.329421 1.920 0.055

L1.Temp -0.292299 0.225936 -1.294 0.196

L1.Precip. horaria 6.336058 2.909644 2.178 0.029

L1.Temp. prom aire 0.140873 0.200850 0.701 0.483

L2.Conduct -0.547453 0.290080 -1.887 0.059

L2.Water 0.786746 0.466287 1.687 0.092

L2.Temp 0.065050 0.250285 0.260 0.795

L2.Precip. horaria -4.689163 3.535685 -1.326 0.185

L2.Temp. prom aire 0.015272 0.199638 0.076 0.939

L3.Conduct 0.839014 0.250061 3.355 0.001

L3.Water -0.760243 0.352428 -2.157 0.031

L3.Temp -0.057376 0.278242 -0.206 0.837

L3.Precip. horaria 1.770943 3.138510 0.564 0.573

L3.Temp. prom aire 0.008354 0.218578 0.038 0.970

L4.Conduct -0.509687 0.287616 -1.772 0.076

L4.Water 0.311887 0.270813 1.152 0.249

L4.Temp 0.137956 0.306789 0.450 0.653

L4.Precip. horaria 4.666188 3.096422 1.507 0.132

L4.Temp. prom aire -0.019781 0.218645 -0.090 0.928

L5.Conduct -0.147598 0.265098 -0.557 0.578

L5.Water -0.268573 0.236857 -1.134 0.257

L5.Temp -0.228429 0.306016 -0.746 0.455

L5.Precip. horaria 7.488081 3.475425 2.155 0.031

L5.Temp. prom aire 0.095582 0.206037 0.464 0.643

L6.Conduct 0.239745 0.137907 1.738 0.082

L6.Water -0.019149 0.173662 -0.110 0.912

L6.Temp -0.074939 0.237049 -0.316 0.752

L6.Precip. horaria 2.752871 3.456380 0.796 0.426

L6.Temp. prom aire 0.163602 0.199635 0.820 0.412

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -16.173825 5.324549 -3.038 0.002

L1.Conduct 0.079301 0.169661 0.467 0.640

L1.Water 0.114559 0.265486 0.432 0.666

L1.Temp 0.464810 0.182085 2.553 0.011

L1.Precip. horaria -3.994362 2.344929 -1.703 0.088

L1.Temp. prom aire -0.013679 0.161868 -0.085 0.933

L2.Conduct 0.405934 0.233781 1.736 0.082

L2.Water -0.598765 0.375789 -1.593 0.111

L2.Temp 0.404489 0.201708 2.005 0.045

L2.Precip. horaria -1.357078 2.849465 -0.476 0.634

L2.Temp. prom aire -0.323723 0.160891 -2.012 0.044

L3.Conduct 0.245829 0.201528 1.220 0.223

L3.Water -0.285820 0.284027 -1.006 0.314

L3.Temp 0.468610 0.224240 2.090 0.037

L3.Precip. horaria 0.539009 2.529376 0.213 0.831

L3.Temp. prom aire -0.200812 0.176156 -1.140 0.254

L4.Conduct -0.383542 0.231794 -1.655 0.098

L4.Water 0.735782 0.218252 3.371 0.001

L4.Temp 0.313489 0.247246 1.268 0.205

L4.Precip. horaria -0.552808 2.495456 -0.222 0.825

L4.Temp. prom aire -0.211318 0.176210 -1.199 0.230

L5.Conduct 0.469770 0.213647 2.199 0.028

L5.Water -0.218997 0.190887 -1.147 0.251

L5.Temp 0.197566 0.246623 0.801 0.423

L5.Precip. horaria 0.766619 2.800901 0.274 0.784

L5.Temp. prom aire -0.196083 0.166049 -1.181 0.238

L6.Conduct -0.069773 0.111142 -0.628 0.530

L6.Water 0.293238 0.139957 2.095 0.036

L6.Temp 0.118683 0.191042 0.621 0.534

L6.Precip. horaria -1.005958 2.785552 -0.361 0.718

L6.Temp. prom aire -0.058300 0.160889 -0.362 0.717

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.205291 0.389033 -0.528 0.598

L1.Conduct 0.012109 0.012396 0.977 0.329

L1.Water -0.026754 0.019397 -1.379 0.168

L1.Temp -0.022038 0.013304 -1.656 0.098

L1.Precip. horaria 0.218408 0.171330 1.275 0.202

L1.Temp. prom aire 0.002024 0.011827 0.171 0.864

L2.Conduct -0.024359 0.017081 -1.426 0.154

L2.Water 0.060968 0.027457 2.221 0.026

L2.Temp 0.014467 0.014738 0.982 0.326

L2.Precip. horaria -0.307664 0.208194 -1.478 0.139

L2.Temp. prom aire 0.014094 0.011755 1.199 0.231

L3.Conduct 0.016054 0.014724 1.090 0.276

L3.Water -0.029199 0.020752 -1.407 0.159

L3.Temp 0.002876 0.016384 0.176 0.861

L3.Precip. horaria 0.037815 0.184807 0.205 0.838

L3.Temp. prom aire 0.010397 0.012871 0.808 0.419

L4.Conduct -0.001028 0.016936 -0.061 0.952

L4.Water 0.015540 0.015946 0.975 0.330

L4.Temp 0.010433 0.018065 0.578 0.564

L4.Precip. horaria -0.094572 0.182328 -0.519 0.604

L4.Temp. prom aire 0.000006 0.012875 0.000 1.000

L5.Conduct -0.021561 0.015610 -1.381 0.167

L5.Water -0.006403 0.013947 -0.459 0.646

L5.Temp -0.020017 0.018019 -1.111 0.267

L5.Precip. horaria 0.321134 0.204645 1.569 0.117

L5.Temp. prom aire 0.001898 0.012132 0.156 0.876

L6.Conduct 0.014719 0.008120 1.813 0.070

L6.Water -0.008928 0.010226 -0.873 0.383

L6.Temp -0.008299 0.013958 -0.595 0.552

L6.Precip. horaria -0.112946 0.203524 -0.555 0.579

L6.Temp. prom aire 0.019674 0.011755 1.674 0.094

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -5.831183 5.892625 -0.990 0.322

L1.Conduct 0.055879 0.187762 0.298 0.766

L1.Water 0.223026 0.293810 0.759 0.448

L1.Temp -0.094511 0.201512 -0.469 0.639

L1.Precip. horaria -3.445314 2.595110 -1.328 0.184

L1.Temp. prom aire -0.104161 0.179138 -0.581 0.561

L2.Conduct 0.552142 0.258723 2.134 0.033

L2.Water -0.839176 0.415881 -2.018 0.044

L2.Temp 0.300575 0.223229 1.346 0.178

L2.Precip. horaria -0.269590 3.153475 -0.085 0.932

L2.Temp. prom aire -0.013809 0.178057 -0.078 0.938

L3.Conduct 0.009659 0.223029 0.043 0.965

L3.Water 0.125231 0.314330 0.398 0.690

L3.Temp 0.575031 0.248164 2.317 0.020

L3.Precip. horaria -1.110744 2.799235 -0.397 0.692

L3.Temp. prom aire -0.224020 0.194950 -1.149 0.251

L4.Conduct -0.353419 0.256524 -1.378 0.168

L4.Water 0.601615 0.241537 2.491 0.013

L4.Temp 0.182720 0.273625 0.668 0.504

L4.Precip. horaria -3.408707 2.761696 -1.234 0.217

L4.Temp. prom aire -0.195440 0.195009 -1.002 0.316

L5.Conduct 0.527520 0.236441 2.231 0.026

L5.Water -0.270823 0.211252 -1.282 0.200

L5.Temp 0.159923 0.272935 0.586 0.558

L5.Precip. horaria -4.889415 3.099729 -1.577 0.115

L5.Temp. prom aire -0.086642 0.183765 -0.471 0.637

L6.Conduct -0.268139 0.123000 -2.180 0.029

L6.Water 0.205828 0.154889 1.329 0.184

L6.Temp -0.062456 0.211424 -0.295 0.768

L6.Precip. horaria -1.488102 3.082743 -0.483 0.629

L6.Temp. prom aire -0.013031 0.178054 -0.073 0.942

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.844429 -0.251304 0.147817 -0.080518

Water 0.844429 1.000000 -0.395698 0.272352 -0.009410

Temp -0.251304 -0.395698 1.000000 0.058523 0.348828

Precip. horaria 0.147817 0.272352 0.058523 1.000000 0.057679

Temp. prom aire -0.080518 -0.009410 0.348828 0.057679 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 6.69851

Nobs: 65.0000 HQIC: 3.55928

Log likelihood: -355.342 FPE: 6.91813

AIC: 1.51344 Det(Omega\_mle): 0.984462

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 173.915607 56.132969 3.098 0.002

L1.Conduct 0.825718 0.334203 2.471 0.013

L1.Water -3.356167 3.226548 -1.040 0.298

L1.Temp 2.602213 2.402591 1.083 0.279

L1.Precip. horaria 65.118620 23.526324 2.768 0.006

L1.Temp. prom aire -2.421141 1.521032 -1.592 0.111

L2.Conduct -0.374848 0.498213 -0.752 0.452

L2.Water 6.275175 5.066306 1.239 0.215

L2.Temp 0.513630 3.041792 0.169 0.866

L2.Precip. horaria 13.842712 27.071228 0.511 0.609

L2.Temp. prom aire -1.666961 1.623730 -1.027 0.305

L3.Conduct 0.662233 0.411308 1.610 0.107

L3.Water -4.031642 4.240727 -0.951 0.342

L3.Temp -0.131898 3.011668 -0.044 0.965

L3.Precip. horaria 13.901930 24.775185 0.561 0.575

L3.Temp. prom aire -1.688585 1.666239 -1.013 0.311

L4.Conduct -0.476107 0.343566 -1.386 0.166

L4.Water 2.549606 3.205781 0.795 0.426

L4.Temp -0.968314 2.837398 -0.341 0.733

L4.Precip. horaria 38.141833 24.191137 1.577 0.115

L4.Temp. prom aire -0.769114 1.618723 -0.475 0.635

L5.Conduct -0.168549 0.293273 -0.575 0.565

L5.Water -2.104112 2.719363 -0.774 0.439

L5.Temp -1.411810 2.783255 -0.507 0.612

L5.Precip. horaria -3.298698 22.259270 -0.148 0.882

L5.Temp. prom aire 0.167618 1.520652 0.110 0.912

L6.Conduct -0.071748 0.180269 -0.398 0.691

L6.Water 0.321206 1.655379 0.194 0.846

L6.Temp -2.342690 1.999535 -1.172 0.241

L6.Precip. horaria 10.931080 21.328184 0.513 0.608

L6.Temp. prom aire 1.857272 1.458205 1.274 0.203

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 19.143396 6.055681 3.161 0.002

L1.Conduct -0.066267 0.036054 -1.838 0.066

L1.Water 1.129615 0.348083 3.245 0.001

L1.Temp 0.126791 0.259194 0.489 0.625

L1.Precip. horaria 2.715775 2.538043 1.070 0.285

L1.Temp. prom aire -0.219929 0.164090 -1.340 0.180

L2.Conduct 0.053454 0.053748 0.995 0.320

L2.Water -0.312170 0.546558 -0.571 0.568

L2.Temp 0.104121 0.328152 0.317 0.751

L2.Precip. horaria 2.696907 2.920471 0.923 0.356

L2.Temp. prom aire -0.103295 0.175170 -0.590 0.555

L3.Conduct 0.021768 0.044372 0.491 0.624

L3.Water 0.156633 0.457494 0.342 0.732

L3.Temp 0.043031 0.324902 0.132 0.895

L3.Precip. horaria 1.899267 2.672772 0.711 0.477

L3.Temp. prom aire -0.141243 0.179755 -0.786 0.432

L4.Conduct -0.018256 0.037064 -0.493 0.622

L4.Water 0.020923 0.345843 0.060 0.952

L4.Temp 0.104216 0.306101 0.340 0.734

L4.Precip. horaria 3.244502 2.609764 1.243 0.214

L4.Temp. prom aire -0.209721 0.174629 -1.201 0.230

L5.Conduct -0.025535 0.031639 -0.807 0.420

L5.Water 0.025555 0.293368 0.087 0.931

L5.Temp -0.167756 0.300260 -0.559 0.576

L5.Precip. horaria 0.215677 2.401352 0.090 0.928

L5.Temp. prom aire -0.127843 0.164049 -0.779 0.436

L6.Conduct -0.004487 0.019448 -0.231 0.818

L6.Water -0.232553 0.178584 -1.302 0.193

L6.Temp -0.263360 0.215712 -1.221 0.222

L6.Precip. horaria 0.258731 2.300906 0.112 0.910

L6.Temp. prom aire 0.175089 0.157313 1.113 0.266

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.156368 4.944882 0.234 0.815

L1.Conduct -0.001348 0.029441 -0.046 0.963

L1.Water -0.017963 0.284234 -0.063 0.950

L1.Temp 0.571604 0.211650 2.701 0.007

L1.Precip. horaria -2.987829 2.072488 -1.442 0.149

L1.Temp. prom aire 0.196775 0.133991 1.469 0.142

L2.Conduct 0.044110 0.043889 1.005 0.315

L2.Water -0.316499 0.446303 -0.709 0.478

L2.Temp 0.378055 0.267958 1.411 0.158

L2.Precip. horaria 0.992837 2.384766 0.416 0.677

L2.Temp. prom aire -0.095693 0.143038 -0.669 0.503

L3.Conduct -0.043394 0.036233 -1.198 0.231

L3.Water 0.144006 0.373575 0.385 0.700

L3.Temp 0.301431 0.265305 1.136 0.256

L3.Precip. horaria 0.309340 2.182503 0.142 0.887

L3.Temp. prom aire -0.087873 0.146783 -0.599 0.549

L4.Conduct 0.028643 0.030266 0.946 0.344

L4.Water 0.157399 0.282405 0.557 0.577

L4.Temp 0.058335 0.249953 0.233 0.815

L4.Precip. horaria 0.393439 2.131053 0.185 0.854

L4.Temp. prom aire -0.044558 0.142597 -0.312 0.755

L5.Conduct -0.025437 0.025835 -0.985 0.325

L5.Water 0.053569 0.239555 0.224 0.823

L5.Temp -0.055483 0.245183 -0.226 0.821

L5.Precip. horaria -1.643553 1.960870 -0.838 0.402

L5.Temp. prom aire -0.050673 0.133958 -0.378 0.705

L6.Conduct 0.015379 0.015880 0.968 0.333

L6.Water -0.141030 0.145826 -0.967 0.333

L6.Temp -0.295982 0.176144 -1.680 0.093

L6.Precip. horaria -1.103105 1.878849 -0.587 0.557

L6.Temp. prom aire 0.089277 0.128457 0.695 0.487

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.304548 0.445574 -0.683 0.494

L1.Conduct -0.001110 0.002653 -0.418 0.676

L1.Water -0.003991 0.025612 -0.156 0.876

L1.Temp -0.040074 0.019071 -2.101 0.036

L1.Precip. horaria 0.325199 0.186748 1.741 0.082

L1.Temp. prom aire 0.010296 0.012074 0.853 0.394

L2.Conduct -0.000166 0.003955 -0.042 0.967

L2.Water 0.022020 0.040215 0.548 0.584

L2.Temp 0.017915 0.024145 0.742 0.458

L2.Precip. horaria -0.170348 0.214887 -0.793 0.428

L2.Temp. prom aire 0.015117 0.012889 1.173 0.241

L3.Conduct 0.001326 0.003265 0.406 0.685

L3.Water -0.015579 0.033662 -0.463 0.644

L3.Temp 0.012396 0.023906 0.519 0.604

L3.Precip. horaria 0.083173 0.196661 0.423 0.672

L3.Temp. prom aire 0.003595 0.013226 0.272 0.786

L4.Conduct 0.001387 0.002727 0.508 0.611

L4.Water 0.009840 0.025447 0.387 0.699

L4.Temp 0.004687 0.022523 0.208 0.835

L4.Precip. horaria -0.044747 0.192025 -0.233 0.816

L4.Temp. prom aire -0.007650 0.012849 -0.595 0.552

L5.Conduct -0.002104 0.002328 -0.904 0.366

L5.Water -0.003444 0.021586 -0.160 0.873

L5.Temp -0.012540 0.022093 -0.568 0.570

L5.Precip. horaria 0.076314 0.176690 0.432 0.666

L5.Temp. prom aire -0.001319 0.012071 -0.109 0.913

L6.Conduct 0.000794 0.001431 0.555 0.579

L6.Water -0.002290 0.013140 -0.174 0.862

L6.Temp 0.002800 0.015872 0.176 0.860

L6.Precip. horaria -0.247629 0.169300 -1.463 0.144

L6.Temp. prom aire 0.010195 0.011575 0.881 0.378

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 12.322145 7.786619 1.582 0.114

L1.Conduct 0.002267 0.046360 0.049 0.961

L1.Water 0.109768 0.447578 0.245 0.806

L1.Temp 0.003636 0.333281 0.011 0.991

L1.Precip. horaria -1.202117 3.263510 -0.368 0.713

L1.Temp. prom aire 0.080242 0.210994 0.380 0.704

L2.Conduct 0.052758 0.069111 0.763 0.445

L2.Water -0.593582 0.702785 -0.845 0.398

L2.Temp 0.541166 0.421949 1.283 0.200

L2.Precip. horaria 0.863153 3.755250 0.230 0.818

L2.Temp. prom aire 0.023984 0.225240 0.106 0.915

L3.Conduct -0.071912 0.057056 -1.260 0.208

L3.Water 0.275803 0.588263 0.469 0.639

L3.Temp 0.242207 0.417771 0.580 0.562

L3.Precip. horaria 2.208563 3.436749 0.643 0.520

L3.Temp. prom aire -0.147603 0.231136 -0.639 0.523

L4.Conduct 0.033981 0.047659 0.713 0.476

L4.Water 0.075331 0.444698 0.169 0.865

L4.Temp -0.021320 0.393596 -0.054 0.957

L4.Precip. horaria 1.554257 3.355731 0.463 0.643

L4.Temp. prom aire -0.052903 0.224545 -0.236 0.814

L5.Conduct 0.000803 0.040682 0.020 0.984

L5.Water -0.167711 0.377223 -0.445 0.657

L5.Temp 0.159281 0.386086 0.413 0.680

L5.Precip. horaria -2.725482 3.087748 -0.883 0.377

L5.Temp. prom aire -0.051881 0.210941 -0.246 0.806

L6.Conduct -0.011318 0.025006 -0.453 0.651

L6.Water 0.107518 0.229630 0.468 0.640

L6.Temp -0.458766 0.277370 -1.654 0.098

L6.Precip. horaria 1.279424 2.958590 0.432 0.665

L6.Temp. prom aire -0.021491 0.202278 -0.106 0.915

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.896876 0.002889 0.139477 -0.105072

Water 0.896876 1.000000 0.079272 0.356897 -0.067260

Temp 0.002889 0.079272 1.000000 0.248734 0.620881

Precip. horaria 0.139477 0.356897 0.248734 1.000000 0.080946

Temp. prom aire -0.105072 -0.067260 0.620881 0.080946 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 3.69803

Nobs: 65.0000 HQIC: 0.558796

Log likelihood: -257.826 FPE: 0.344266

AIC: -1.48705 Det(Omega\_mle): 0.0489896

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 32.663042 10.098773 3.234 0.001

L1.Conduct 0.813534 0.625217 1.301 0.193

L1.Water -0.615322 0.985514 -0.624 0.532

L1.Temp -0.263181 0.422433 -0.623 0.533

L1.Precip. horaria 11.600401 5.310551 2.184 0.029

L1.Temp. prom aire -0.051111 0.381762 -0.134 0.893

L2.Conduct -0.893188 0.922003 -0.969 0.333

L2.Water 1.532920 1.455699 1.053 0.292

L2.Temp 0.409852 0.511678 0.801 0.423

L2.Precip. horaria 0.978512 5.573705 0.176 0.861

L2.Temp. prom aire -0.051332 0.377625 -0.136 0.892

L3.Conduct 0.291787 0.694328 0.420 0.674

L3.Water 0.014093 1.061065 0.013 0.989

L3.Temp -0.084978 0.515534 -0.165 0.869

L3.Precip. horaria 4.657655 5.749585 0.810 0.418

L3.Temp. prom aire -0.403282 0.391560 -1.030 0.303

L4.Conduct 0.194471 0.716725 0.271 0.786

L4.Water -0.615159 0.933267 -0.659 0.510

L4.Temp -0.141771 0.511630 -0.277 0.782

L4.Precip. horaria 4.280962 5.951697 0.719 0.472

L4.Temp. prom aire -0.131933 0.359723 -0.367 0.714

L5.Conduct -0.558319 0.535568 -1.042 0.297

L5.Water 0.255454 0.705231 0.362 0.717

L5.Temp -0.252869 0.481185 -0.526 0.599

L5.Precip. horaria 7.082481 6.042375 1.172 0.241

L5.Temp. prom aire -0.099260 0.339227 -0.293 0.770

L6.Conduct 0.048971 0.173883 0.282 0.778

L6.Water -0.554969 0.402707 -1.378 0.168

L6.Temp -0.208556 0.346860 -0.601 0.548

L6.Precip. horaria 3.226275 5.778217 0.558 0.577

L6.Temp. prom aire 0.164662 0.317061 0.519 0.604

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 20.631064 6.224476 3.315 0.001

L1.Conduct -0.194007 0.385359 -0.503 0.615

L1.Water 0.777255 0.607431 1.280 0.201

L1.Temp -0.015931 0.260371 -0.061 0.951

L1.Precip. horaria 6.259257 3.273209 1.912 0.056

L1.Temp. prom aire -0.010527 0.235303 -0.045 0.964

L2.Conduct -0.450521 0.568286 -0.793 0.428

L2.Water 0.817376 0.897234 0.911 0.362

L2.Temp 0.260065 0.315377 0.825 0.410

L2.Precip. horaria 2.627273 3.435406 0.765 0.444

L2.Temp. prom aire -0.119282 0.232753 -0.512 0.608

L3.Conduct 0.344700 0.427956 0.805 0.421

L3.Water -0.062732 0.653997 -0.096 0.924

L3.Temp -0.045316 0.317754 -0.143 0.887

L3.Precip. horaria 0.192837 3.543812 0.054 0.957

L3.Temp. prom aire -0.296851 0.241342 -1.230 0.219

L4.Conduct -0.066074 0.441760 -0.150 0.881

L4.Water -0.176761 0.575228 -0.307 0.759

L4.Temp -0.220357 0.315348 -0.699 0.485

L4.Precip. horaria 5.678850 3.668385 1.548 0.122

L4.Temp. prom aire -0.135108 0.221719 -0.609 0.542

L5.Conduct -0.172236 0.330103 -0.522 0.602

L5.Water -0.078160 0.434676 -0.180 0.857

L5.Temp -0.126059 0.296583 -0.425 0.671

L5.Precip. horaria 4.135674 3.724276 1.110 0.267

L5.Temp. prom aire -0.036253 0.209086 -0.173 0.862

L6.Conduct -0.055276 0.107174 -0.516 0.606

L6.Water -0.377972 0.248212 -1.523 0.128

L6.Temp -0.089654 0.213791 -0.419 0.675

L6.Precip. horaria 2.917962 3.561460 0.819 0.413

L6.Temp. prom aire 0.073236 0.195424 0.375 0.708

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -8.280848 4.719688 -1.755 0.079

L1.Conduct 0.244166 0.292197 0.836 0.403

L1.Water -0.336472 0.460583 -0.731 0.465

L1.Temp 0.518891 0.197425 2.628 0.009

L1.Precip. horaria -3.446281 2.481900 -1.389 0.165

L1.Temp. prom aire 0.141351 0.178417 0.792 0.428

L2.Conduct 0.335537 0.430901 0.779 0.436

L2.Water -0.437686 0.680325 -0.643 0.520

L2.Temp 0.430618 0.239134 1.801 0.072

L2.Precip. horaria -1.150767 2.604886 -0.442 0.659

L2.Temp. prom aire -0.052454 0.176484 -0.297 0.766

L3.Conduct -0.059246 0.324496 -0.183 0.855

L3.Water 0.106325 0.495891 0.214 0.830

L3.Temp 0.398193 0.240936 1.653 0.098

L3.Precip. horaria -1.467690 2.687084 -0.546 0.585

L3.Temp. prom aire -0.006357 0.182997 -0.035 0.972

L4.Conduct -0.206619 0.334963 -0.617 0.537

L4.Water 0.637223 0.436165 1.461 0.144

L4.Temp -0.060511 0.239112 -0.253 0.800

L4.Precip. horaria -2.629766 2.781541 -0.945 0.344

L4.Temp. prom aire 0.016970 0.168118 0.101 0.920

L5.Conduct 0.242015 0.250299 0.967 0.334

L5.Water -0.271534 0.329592 -0.824 0.410

L5.Temp 0.038155 0.224883 0.170 0.865

L5.Precip. horaria -3.014625 2.823920 -1.068 0.286

L5.Temp. prom aire -0.109974 0.158538 -0.694 0.488

L6.Conduct -0.012194 0.081264 -0.150 0.881

L6.Water 0.065243 0.188206 0.347 0.729

L6.Temp -0.171808 0.162106 -1.060 0.289

L6.Precip. horaria -2.366924 2.700465 -0.876 0.381

L6.Temp. prom aire 0.096910 0.148179 0.654 0.513

================================================================

Results for equation Precip. horaria

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 0.101624 0.341660 0.297 0.766

L1.Conduct 0.002129 0.021152 0.101 0.920

L1.Water -0.015866 0.033342 -0.476 0.634

L1.Temp -0.014808 0.014292 -1.036 0.300

L1.Precip. horaria 0.178094 0.179666 0.991 0.322

L1.Temp. prom aire -0.001853 0.012916 -0.143 0.886

L2.Conduct -0.018019 0.031193 -0.578 0.563

L2.Water 0.052851 0.049249 1.073 0.283

L2.Temp 0.011816 0.017311 0.683 0.495

L2.Precip. horaria -0.085800 0.188569 -0.455 0.649

L2.Temp. prom aire 0.010353 0.012776 0.810 0.418

L3.Conduct 0.013754 0.023490 0.586 0.558

L3.Water -0.022332 0.035898 -0.622 0.534

L3.Temp 0.006070 0.017441 0.348 0.728

L3.Precip. horaria -0.013525 0.194519 -0.070 0.945

L3.Temp. prom aire 0.006819 0.013247 0.515 0.607

L4.Conduct 0.000478 0.024248 0.020 0.984

L4.Water 0.014320 0.031574 0.454 0.650

L4.Temp 0.004614 0.017309 0.267 0.790

L4.Precip. horaria -0.167739 0.201357 -0.833 0.405

L4.Temp. prom aire -0.001690 0.012170 -0.139 0.890

L5.Conduct -0.023001 0.018119 -1.269 0.204

L5.Water 0.005721 0.023859 0.240 0.811

L5.Temp -0.016644 0.016279 -1.022 0.307

L5.Precip. horaria 0.135744 0.204425 0.664 0.507

L5.Temp. prom aire -0.003335 0.011477 -0.291 0.771

L6.Conduct 0.006773 0.005883 1.151 0.250

L6.Water -0.017130 0.013624 -1.257 0.209

L6.Temp -0.007591 0.011735 -0.647 0.518

L6.Precip. horaria -0.207036 0.195488 -1.059 0.290

L6.Temp. prom aire 0.012267 0.010727 1.144 0.253

================================================================

Results for equation Temp. prom aire

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const -0.355272 5.252864 -0.068 0.946

L1.Conduct 0.682919 0.325206 2.100 0.036

L1.Water -0.953764 0.512614 -1.861 0.063

L1.Temp -0.064788 0.219728 -0.295 0.768

L1.Precip. horaria -3.124058 2.762277 -1.131 0.258

L1.Temp. prom aire 0.015231 0.198573 0.077 0.939

L2.Conduct 0.022959 0.479579 0.048 0.962

L2.Water 0.118456 0.757180 0.156 0.876

L2.Temp 0.584899 0.266148 2.198 0.028

L2.Precip. horaria -2.322542 2.899156 -0.801 0.423

L2.Temp. prom aire 0.165119 0.196421 0.841 0.401

L3.Conduct -0.582488 0.361154 -1.613 0.107

L3.Water 0.857148 0.551911 1.553 0.120

L3.Temp 0.362519 0.268154 1.352 0.176

L3.Precip. horaria 1.596160 2.990639 0.534 0.594

L3.Temp. prom aire -0.134131 0.203669 -0.659 0.510

L4.Conduct 0.296289 0.372804 0.795 0.427

L4.Water -0.074846 0.485438 -0.154 0.877

L4.Temp -0.267562 0.266124 -1.005 0.315

L4.Precip. horaria -0.523199 3.095768 -0.169 0.866

L4.Temp. prom aire 0.030669 0.187109 0.164 0.870

L5.Conduct 0.088021 0.278575 0.316 0.752

L5.Water -0.058155 0.366825 -0.159 0.874

L5.Temp 0.049889 0.250288 0.199 0.842

L5.Precip. horaria -3.959147 3.142934 -1.260 0.208

L5.Temp. prom aire 0.091801 0.176448 0.520 0.603

L6.Conduct -0.118713 0.090445 -1.313 0.189

L6.Water -0.103304 0.209467 -0.493 0.622

L6.Temp -0.179616 0.180419 -0.996 0.319

L6.Precip. horaria 3.979397 3.005533 1.324 0.185

L6.Temp. prom aire -0.018107 0.164919 -0.110 0.913

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.967558 -0.169919 0.361368 -0.130735

Water 0.967558 1.000000 -0.178164 0.329725 -0.119498

Temp -0.169919 -0.178164 1.000000 0.041568 0.567939

Precip. horaria 0.361368 0.329725 0.041568 1.000000 0.054843

Temp. prom aire -0.130735 -0.119498 0.567939 0.054843 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

--------------------------------------------------------------------

No. of Equations: 5.00000 BIC: 6.48597

Nobs: 65.0000 HQIC: 3.34673

Log likelihood: -348.434 FPE: 5.59344

AIC: 1.30089 Det(Omega\_mle): 0.795958

--------------------------------------------------------------------

Results for equation Conduct

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 36.316182 12.234876 2.968 0.003

L1.Conduct 0.522543 0.276102 1.893 0.058

L1.Water -0.246793 0.896345 -0.275 0.783

L1.Temp -0.432635 0.741822 -0.583 0.560

L1.Precip. horaria 7.011226 9.743227 0.720 0.472

L1.Temp. prom aire 0.913278 0.621911 1.469 0.142

L2.Conduct -0.034774 0.325692 -0.107 0.915

L2.Water -0.132658 1.230315 -0.108 0.914

L2.Temp -0.222509 0.847391 -0.263 0.793

L2.Precip. horaria 1.652180 9.045815 0.183 0.855

L2.Temp. prom aire 0.596564 0.650740 0.917 0.359

L3.Conduct -0.232766 0.319931 -0.728 0.467

L3.Water 2.507616 1.244251 2.015 0.044

L3.Temp -0.674257 0.867229 -0.777 0.437

L3.Precip. horaria -15.013369 9.531146 -1.575 0.115

L3.Temp. prom aire -0.123619 0.711431 -0.174 0.862

L4.Conduct 0.272654 0.303527 0.898 0.369

L4.Water -2.632993 1.295178 -2.033 0.042

L4.Temp -1.351173 0.903540 -1.495 0.135

L4.Precip. horaria 21.658650 9.718438 2.229 0.026

L4.Temp. prom aire 0.281878 0.715989 0.394 0.694

L5.Conduct -0.367050 0.216870 -1.692 0.091

L5.Water 0.781626 0.965293 0.810 0.418

L5.Temp -0.115521 0.882848 -0.131 0.896

L5.Precip. horaria 11.574691 9.284205 1.247 0.213

L5.Temp. prom aire 0.802668 0.728676 1.102 0.271

L6.Conduct 0.029613 0.147737 0.200 0.841

L6.Water -1.029925 0.492509 -2.091 0.037

L6.Temp 0.416545 0.581671 0.716 0.474

L6.Precip. horaria 13.703931 9.580427 1.430 0.153

L6.Temp. prom aire -0.128830 0.658243 -0.196 0.845

================================================================

Results for equation Water

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 7.942957 4.168334 1.906 0.057

L1.Conduct -0.109225 0.094066 -1.161 0.246

L1.Water 0.989308 0.305378 3.240 0.001

L1.Temp -0.127226 0.252733 -0.503 0.615

L1.Precip. horaria 2.568695 3.319447 0.774 0.439

L1.Temp. prom aire 0.061858 0.211881 0.292 0.770

L2.Conduct 0.000470 0.110961 0.004 0.997

L2.Water -0.095352 0.419160 -0.227 0.820

L2.Temp -0.145327 0.288700 -0.503 0.615

L2.Precip. horaria -3.487068 3.081844 -1.131 0.258

L2.Temp. prom aire 0.130055 0.221702 0.587 0.557

L3.Conduct 0.021424 0.108998 0.197 0.844

L3.Water 0.350674 0.423907 0.827 0.408

L3.Temp 0.036083 0.295459 0.122 0.903

L3.Precip. horaria -1.965785 3.247193 -0.605 0.545

L3.Temp. prom aire 0.095482 0.242379 0.394 0.694

L4.Conduct 0.035437 0.103410 0.343 0.732

L4.Water -0.283958 0.441258 -0.644 0.520

L4.Temp -0.089821 0.307829 -0.292 0.770

L4.Precip. horaria 3.265652 3.311002 0.986 0.324

L4.Temp. prom aire -0.078389 0.243932 -0.321 0.748

L5.Conduct -0.065765 0.073886 -0.890 0.373

L5.Water 0.165116 0.328868 0.502 0.616

L5.Temp -0.203203 0.300780 -0.676 0.499

L5.Precip. horaria 2.203592 3.163062 0.697 0.486

L5.Temp. prom aire 0.183292 0.248255 0.738 0.460

L6.Conduct 0.022784 0.050333 0.453 0.651

L6.Water -0.401881 0.167794 -2.395 0.017

L6.Temp 0.049446 0.198171 0.250 0.803

L6.Precip. horaria 2.567458 3.263982 0.787 0.432

L6.Temp. prom aire 0.068004 0.224259 0.303 0.762

================================================================

Results for equation Temp

================================================================

coefficient std. error t-stat prob

-------------------------------------------------------------------------------------------

const 1.469471 3.493540 0.421 0.674

L1.Conduct -0.029682 0.078838 -0.376 0.707

L1.Water 0.178701 0.255942 0.698 0.485

L1.Temp 0.565759 0.211819 2.671 0.008

L1.Precip. horaria -2.457398 2.782076 -0.883 0.377

L1.Temp. prom aire 0.377264 0.177580 2.124 0.034

L2.Conduct 0.138723 0.092998 1.492 0.136

L2.Water -0.543234 0.351304 -1.546 0.122

L2.Temp 0.459592 0.241963 1.899 0.058

L2.Precip. horaria 3.095872 2.582937 1.199 0.231

L2.Temp. prom aire -0.185248 0.185812 -0.997 0.319

L3.Conduct -0.187584 0.091353 -2.053 0.040

L3.Water 0.601949 0.355283 1.694 0.090

L3.Temp 0.350297 0.247628 1.415 0.157

L3.Precip. horaria 1.204189 2.721518 0.442 0.658

L3.Temp. prom aire -0.129709 0.203142 -0.639 0.523

L4.Conduct 0.187813 0.086669 2.167 0.030

L4.Water -0.461271 0.369824 -1.247 0.212

L4.Temp -0.230152 0.257996 -0.892 0.372

L4.Precip. horaria -0.885304 2.774997 -0.319 0.750

L4.Temp. prom aire -0.031279 0.204443 -0.153 0.878

L5.Conduct -0.065867 0.061925 -1.064 0.287

L5.Water 0.113042 0.275629 0.410 0.682

L5.Temp 0.206328 0.252088 0.818 0.413

L5.Precip. horaria 0.353960 2.651007 0.134 0.894

L5.Temp. prom aire -0.143855 0.208066 -0.691 0.489

L6.Conduct -0.003615 0.042185 -0.086 0.932

L6.Water 0.086645 0.140631 0.616 0.538

L6.Temp -0.270521 0.166090 -1.629 0.103

L6.Precip. horaria -2.281019 2.735590 -0.834 0.404

L6.Temp. prom aire -0.131036 0.187954 -0.697 0.486

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.195485 0.225648 -0.866 0.386

L1.Conduct -0.007879 0.005092 -1.547 0.122

L1.Water 0.015002 0.016531 0.907 0.364

L1.Temp -0.015486 0.013681 -1.132 0.258

L1.Precip. horaria -0.030690 0.179694 -0.171 0.864

L1.Temp. prom aire 0.003068 0.011470 0.267 0.789

L2.Conduct 0.001368 0.006007 0.228 0.820

L2.Water 0.007516 0.022691 0.331 0.740

L2.Temp -0.011294 0.015628 -0.723 0.470

L2.Precip. horaria -0.235237 0.166832 -1.410 0.159

L2.Temp. prom aire 0.027547 0.012002 2.295 0.022

L3.Conduct -0.001311 0.005900 -0.222 0.824

L3.Water 0.006148 0.022948 0.268 0.789

L3.Temp 0.007354 0.015994 0.460 0.646

L3.Precip. horaria -0.152992 0.175783 -0.870 0.384

L3.Temp. prom aire 0.020970 0.013121 1.598 0.110

L4.Conduct 0.006507 0.005598 1.162 0.245

L4.Water -0.012709 0.023887 -0.532 0.595

L4.Temp -0.009657 0.016664 -0.580 0.562

L4.Precip. horaria -0.059873 0.179237 -0.334 0.738

L4.Temp. prom aire 0.003390 0.013205 0.257 0.797

L5.Conduct -0.006836 0.004000 -1.709 0.087

L5.Water 0.012520 0.017803 0.703 0.482

L5.Temp -0.007938 0.016282 -0.488 0.626

L5.Precip. horaria -0.002067 0.171228 -0.012 0.990

L5.Temp. prom aire 0.007209 0.013439 0.536 0.592

L6.Conduct 0.000559 0.002725 0.205 0.837

L6.Water -0.015545 0.009083 -1.711 0.087

L6.Temp -0.000545 0.010728 -0.051 0.959

L6.Precip. horaria -0.163682 0.176692 -0.926 0.354

L6.Temp. prom aire 0.008759 0.012140 0.722 0.471

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 7.965379 3.810066 2.091 0.037

L1.Conduct -0.050477 0.085981 -0.587 0.557

L1.Water 0.339794 0.279131 1.217 0.223

L1.Temp 0.087225 0.231011 0.378 0.706

L1.Precip. horaria -2.622800 3.034141 -0.864 0.387

L1.Temp. prom aire 0.095240 0.193669 0.492 0.623

L2.Conduct 0.104762 0.101424 1.033 0.302

L2.Water -0.416282 0.383133 -1.087 0.277

L2.Temp 0.447617 0.263886 1.696 0.090

L2.Precip. horaria 1.984922 2.816960 0.705 0.481

L2.Temp. prom aire 0.047804 0.202647 0.236 0.814

L3.Conduct -0.157802 0.099630 -1.584 0.113

L3.Water 0.344128 0.387472 0.888 0.374

L3.Temp 0.265483 0.270064 0.983 0.326

L3.Precip. horaria 3.043860 2.968097 1.026 0.305

L3.Temp. prom aire -0.137987 0.221547 -0.623 0.533

L4.Conduct 0.161191 0.094522 1.705 0.088

L4.Water -0.404642 0.403332 -1.003 0.316

L4.Temp -0.376699 0.281372 -1.339 0.181

L4.Precip. horaria 1.664877 3.026421 0.550 0.582

L4.Temp. prom aire 0.083882 0.222966 0.376 0.707

L5.Conduct -0.008230 0.067536 -0.122 0.903

L5.Water -0.151263 0.300602 -0.503 0.615

L5.Temp 0.117985 0.274928 0.429 0.668

L5.Precip. horaria 0.223389 2.891197 0.077 0.938

L5.Temp. prom aire 0.074678 0.226917 0.329 0.742

L6.Conduct -0.096694 0.046007 -2.102 0.036

L6.Water 0.264399 0.153372 1.724 0.085

L6.Temp -0.255404 0.181138 -1.410 0.159

L6.Precip. horaria 1.104444 2.983443 0.370 0.711

L6.Temp. prom aire -0.072757 0.204984 -0.355 0.723

================================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.772286 -0.179491 -0.032132 -0.075328

Water 0.772286 1.000000 -0.299146 0.279829 -0.104260

Temp -0.179491 -0.299146 1.000000 -0.047782 0.612631

Precip. horaria -0.032132 0.279829 -0.047782 1.000000 0.022831

Temp. prom aire -0.075328 -0.104260 0.612631 0.022831 1.000000

* Lag 12:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -267.162

Nobs: 59.0000 HQIC: -273.709

Log likelihood: 8084.51 FPE: -5.12265e-117

AIC: -277.902 Det(Omega\_mle): -1.47180e-118

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 68.729562 0.000106 650289.226 0.000

L1.Conduct 1.769868 NAN NAN NAN

L1.Water -7.606506 NAN NAN NAN

L1.Temp -2.426812 0.000001 -2537494.344 0.000

L1.Precip. horaria 23.070900 0.000017 1368038.336 0.000

L1.Temp. prom aire 0.095827 0.000001 84973.778 0.000

L2.Conduct -3.229967 NAN NAN NAN

L2.Water 15.768858 NAN NAN NAN

L2.Temp 1.149719 0.000000 7873474.503 0.000

L2.Precip. horaria -57.577840 0.000008 -7575134.397 0.000

L2.Temp. prom aire 1.137521 0.000001 1237250.990 0.000

L3.Conduct 0.358490 0.000001 431537.061 0.000

L3.Water -3.765833 0.000002 -1732057.478 0.000

L3.Temp -2.190670 0.000001 -2200395.513 0.000

L3.Precip. horaria 8.115035 0.000015 540039.460 0.000

L3.Temp. prom aire -0.702875 0.000000 -1812154.754 0.000

L4.Conduct 0.500043 0.000001 648894.086 0.000

L4.Water 3.901348 0.000002 1652140.722 0.000

L4.Temp 0.438255 0.000001 411488.929 0.000

L4.Precip. horaria 29.955705 NAN NAN NAN

L4.Temp. prom aire 1.087693 0.000001 1042415.180 0.000

L5.Conduct -1.244548 NAN NAN NAN

L5.Water -2.901221 NAN NAN NAN

L5.Temp -1.981241 0.000000 -4950381.301 0.000

L5.Precip. horaria 2.115859 0.000021 101754.050 0.000

L5.Temp. prom aire -1.115896 0.000001 -1499932.462 0.000

L6.Conduct 1.262132 NAN NAN NAN

L6.Water -2.619268 NAN NAN NAN

L6.Temp 1.679600 0.000001 3132072.426 0.000

L6.Precip. horaria -48.723725 0.000016 -3023513.333 0.000

L6.Temp. prom aire -0.402618 0.000000 -1088882.736 0.000

L7.Conduct -1.255541 NAN NAN NAN

L7.Water 2.014064 NAN NAN NAN

L7.Temp 0.409423 0.000001 683048.640 0.000

L7.Precip. horaria 29.865764 NAN NAN NAN

L7.Temp. prom aire -0.723809 0.000000 -2133465.659 0.000

L8.Conduct 2.109193 NAN NAN NAN

L8.Water -4.340144 NAN NAN NAN

L8.Temp 3.744990 0.000001 6043838.132 0.000

L8.Precip. horaria -91.655614 0.000051 -1791883.843 0.000

L8.Temp. prom aire 0.557712 0.000001 680053.537 0.000

L9.Conduct -1.051203 NAN NAN NAN

L9.Water 3.110827 NAN NAN NAN

L9.Temp -1.577861 NAN NAN NAN

L9.Precip. horaria -11.361226 0.000019 -592847.021 0.000

L9.Temp. prom aire 0.362088 0.000001 680925.407 0.000

L10.Conduct -0.616839 0.000000 -1610890.782 0.000

L10.Water 0.805195 0.000001 1326159.108 0.000

L10.Temp -0.339394 NAN NAN NAN

L10.Precip. horaria -84.151281 0.000006 -13340469.084 0.000

L10.Temp. prom aire 2.076305 0.000000 6004384.760 0.000

L11.Conduct -2.015804 NAN NAN NAN

L11.Water 3.346325 NAN NAN NAN

L11.Temp -5.966089 0.000001 -5766673.686 0.000

L11.Precip. horaria 47.684857 0.000017 2775384.072 0.000

L11.Temp. prom aire 2.933701 0.000001 3098870.732 0.000

L12.Conduct 1.458823 0.000001 2497831.247 0.000

L12.Water -2.414511 NAN NAN NAN

L12.Temp -2.066679 0.000000 -7537837.672 0.000

L12.Precip. horaria -47.501362 NAN NAN NAN

L12.Temp. prom aire 5.044893 0.000001 4165123.338 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 9.959597 0.000015 684682.901 0.000

L1.Conduct -0.085542 NAN NAN NAN

L1.Water 0.719125 NAN NAN NAN

L1.Temp -0.298432 0.000000 -2267248.684 0.000

L1.Precip. horaria 3.989237 0.000002 1718732.434 0.000

L1.Temp. prom aire 0.145858 0.000000 939754.958 0.000

L2.Conduct -0.381451 NAN NAN NAN

L2.Water 1.699601 NAN NAN NAN

L2.Temp 0.374968 0.000000 18657527.903 0.000

L2.Precip. horaria -7.308526 0.000001 -6986336.732 0.000

L2.Temp. prom aire 0.241046 0.000000 1904949.799 0.000

L3.Conduct 0.147762 0.000000 1292371.372 0.000

L3.Water -0.274397 0.000000 -916991.784 0.000

L3.Temp -0.373167 0.000000 -2723405.292 0.000

L3.Precip. horaria 2.791076 0.000002 1349557.625 0.000

L3.Temp. prom aire 0.002726 0.000000 51057.145 0.000

L4.Conduct -0.360058 0.000000 -3394874.181 0.000

L4.Water 1.468442 0.000000 4518287.458 0.000

L4.Temp -0.104330 0.000000 -711746.931 0.000

L4.Precip. horaria 3.867199 NAN NAN NAN

L4.Temp. prom aire 0.259772 0.000000 1808886.236 0.000

L5.Conduct 0.249185 NAN NAN NAN

L5.Water -1.815930 NAN NAN NAN

L5.Temp -0.490001 0.000000 -8895769.347 0.000

L5.Precip. horaria 1.326597 0.000003 463541.724 0.000

L5.Temp. prom aire -0.167220 0.000000 -1633128.592 0.000

L6.Conduct -0.332092 NAN NAN NAN

L6.Water 0.972722 NAN NAN NAN

L6.Temp 0.036828 0.000000 498982.153 0.000

L6.Precip. horaria -10.948887 0.000002 -4936579.375 0.000

L6.Temp. prom aire -0.030765 0.000000 -604554.820 0.000

L7.Conduct 0.192263 NAN NAN NAN

L7.Water -1.022186 NAN NAN NAN

L7.Temp 0.102624 0.000000 1243973.813 0.000

L7.Precip. horaria 7.348468 NAN NAN NAN

L7.Temp. prom aire -0.058911 0.000000 -1261670.062 0.000

L8.Conduct 0.116721 NAN NAN NAN

L8.Water 0.381615 NAN NAN NAN

L8.Temp 0.548879 0.000000 6436105.525 0.000

L8.Precip. horaria -11.299674 0.000007 -1605097.508 0.000

L8.Temp. prom aire 0.171070 0.000000 1515626.265 0.000

L9.Conduct -0.062695 NAN NAN NAN

L9.Water 0.056617 NAN NAN NAN

L9.Temp -0.204551 NAN NAN NAN

L9.Precip. horaria -4.921901 0.000003 -1866100.632 0.000

L9.Temp. prom aire 0.190460 0.000000 2602395.204 0.000

L10.Conduct -0.251663 0.000000 -4775266.057 0.000

L10.Water 0.873447 0.000000 10452406.371 0.000

L10.Temp -0.227852 NAN NAN NAN

L10.Precip. horaria -22.402665 0.000001 -25804460.538 0.000

L10.Temp. prom aire 0.442257 0.000000 9292580.771 0.000

L11.Conduct -0.353008 NAN NAN NAN

L11.Water 0.230750 NAN NAN NAN

L11.Temp -1.082838 0.000000 -7604728.370 0.000

L11.Precip. horaria 4.498122 0.000002 1902210.330 0.000

L11.Temp. prom aire 0.636163 0.000000 4882484.153 0.000

L12.Conduct 0.208272 0.000000 2591057.553 0.000

L12.Water -0.428017 NAN NAN NAN

L12.Temp -0.439798 0.000000 -11654991.202 0.000

L12.Precip. horaria -9.818664 NAN NAN NAN

L12.Temp. prom aire 0.902347 0.000000 5412950.614 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 6.587468 0.000010 652379.694 0.000

L1.Conduct 0.667486 NAN NAN NAN

L1.Water -3.180432 NAN NAN NAN

L1.Temp -0.605202 0.000000 -6623512.004 0.000

L1.Precip. horaria -12.530139 0.000002 -7776936.797 0.000

L1.Temp. prom aire -0.068328 0.000000 -634183.190 0.000

L2.Conduct -0.638632 NAN NAN NAN

L2.Water 2.462103 NAN NAN NAN

L2.Temp -0.863982 0.000000 -61929648.777 0.000

L2.Precip. horaria -12.837798 0.000001 -17678461.542 0.000

L2.Temp. prom aire -0.329226 0.000000 -3748102.530 0.000

L3.Conduct 0.543724 0.000000 6850751.260 0.000

L3.Water -2.183192 0.000000 -10510226.878 0.000

L3.Temp 0.321286 0.000000 3377806.844 0.000

L3.Precip. horaria 3.557361 0.000001 2477889.571 0.000

L3.Temp. prom aire -0.267657 0.000000 -7222949.230 0.000

L4.Conduct 0.622602 0.000000 8456605.369 0.000

L4.Water -0.473201 0.000000 -2097475.079 0.000

L4.Temp 0.512143 0.000000 5033165.364 0.000

L4.Precip. horaria 0.409385 NAN NAN NAN

L4.Temp. prom aire -0.340619 0.000000 -3416824.746 0.000

L5.Conduct -0.496313 NAN NAN NAN

L5.Water 1.103056 NAN NAN NAN

L5.Temp 1.095473 0.000000 28649828.199 0.000

L5.Precip. horaria -13.422926 0.000002 -6756646.824 0.000

L5.Temp. prom aire -0.295972 0.000000 -4164068.712 0.000

L6.Conduct 1.233576 NAN NAN NAN

L6.Water -2.877397 NAN NAN NAN

L6.Temp 0.985491 0.000000 19235229.789 0.000

L6.Precip. horaria 10.916549 0.000002 7090481.897 0.000

L6.Temp. prom aire -0.459880 0.000000 -13018211.951 0.000

L7.Conduct -0.841359 NAN NAN NAN

L7.Water 2.820133 NAN NAN NAN

L7.Temp 0.878674 0.000000 15343565.220 0.000

L7.Precip. horaria -29.865132 NAN NAN NAN

L7.Temp. prom aire -0.325104 0.000000 -10030029.675 0.000

L8.Conduct 0.839493 NAN NAN NAN

L8.Water -3.547359 NAN NAN NAN

L8.Temp 0.354846 0.000000 5994056.354 0.000

L8.Precip. horaria -10.066628 0.000005 -2059936.290 0.000

L8.Temp. prom aire -0.464576 0.000000 -5929372.206 0.000

L9.Conduct -0.352875 NAN NAN NAN

L9.Water 1.290934 NAN NAN NAN

L9.Temp 0.147687 NAN NAN NAN

L9.Precip. horaria 7.894500 0.000002 4311823.953 0.000

L9.Temp. prom aire -0.353923 0.000000 -6966484.753 0.000

L10.Conduct 0.161774 0.000000 4422037.273 0.000

L10.Water -1.623507 0.000000 -27987744.706 0.000

L10.Temp 0.008816 NAN NAN NAN

L10.Precip. horaria 35.228048 0.000001 58454494.434 0.000

L10.Temp. prom aire -0.194917 0.000000 -5899913.685 0.000

L11.Conduct 0.405061 NAN NAN NAN

L11.Water 0.740926 NAN NAN NAN

L11.Temp -0.041579 0.000000 -420654.668 0.000

L11.Precip. horaria 11.717503 0.000002 7138330.477 0.000

L11.Temp. prom aire 0.069493 0.000000 768329.446 0.000

L12.Conduct 0.160143 0.000000 2870036.062 0.000

L12.Water -0.047661 NAN NAN NAN

L12.Temp 0.088038 0.000000 3360960.367 0.000

L12.Precip. horaria 1.249392 NAN NAN NAN

L12.Temp. prom aire 0.102450 0.000000 885335.342 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -1.511114 0.000003 -593388.986 0.000

L1.Conduct -0.029133 NAN NAN NAN

L1.Water 0.065250 NAN NAN NAN

L1.Temp 0.008455 0.000000 366930.522 0.000

L1.Precip. horaria -1.039050 0.000000 -2557110.978 0.000

L1.Temp. prom aire 0.024108 0.000000 887247.563 0.000

L2.Conduct 0.041950 NAN NAN NAN

L2.Water -0.146391 NAN NAN NAN

L2.Temp -0.029087 0.000000 -8267132.543 0.000

L2.Precip. horaria 1.430331 0.000000 7809994.914 0.000

L2.Temp. prom aire -0.020405 0.000000 -921097.480 0.000

L3.Conduct -0.004421 0.000000 -220895.747 0.000

L3.Water 0.037776 0.000000 721099.129 0.000

L3.Temp -0.016232 0.000000 -676686.316 0.000

L3.Precip. horaria -1.445651 0.000000 -3992801.073 0.000

L3.Temp. prom aire 0.019526 0.000000 2089332.627 0.000

L4.Conduct 0.005608 0.000000 302019.990 0.000

L4.Water -0.108366 0.000000 -1904603.658 0.000

L4.Temp -0.063578 0.000000 -2477522.046 0.000

L4.Precip. horaria -0.854492 NAN NAN NAN

L4.Temp. prom aire 0.030840 0.000000 1226667.068 0.000

L5.Conduct 0.000710 NAN NAN NAN

L5.Water 0.068394 NAN NAN NAN

L5.Temp 0.062930 0.000000 6525848.125 0.000

L5.Precip. horaria 0.188229 0.000001 375690.335 0.000

L5.Temp. prom aire 0.046441 0.000000 2590785.540 0.000

L6.Conduct 0.004037 NAN NAN NAN

L6.Water -0.063390 NAN NAN NAN

L6.Temp -0.007609 0.000000 -588883.351 0.000

L6.Precip. horaria 0.582950 0.000000 1501350.569 0.000

L6.Temp. prom aire 0.020961 0.000000 2352739.892 0.000

L7.Conduct 0.009837 NAN NAN NAN

L7.Water 0.049654 NAN NAN NAN

L7.Temp 0.007484 0.000000 518194.488 0.000

L7.Precip. horaria -0.313079 NAN NAN NAN

L7.Temp. prom aire 0.043715 0.000000 5347790.898 0.000

L8.Conduct -0.037379 NAN NAN NAN

L8.Water 0.059756 NAN NAN NAN

L8.Temp -0.074930 0.000000 -5018749.755 0.000

L8.Precip. horaria 2.297903 0.000001 1864496.906 0.000

L8.Temp. prom aire 0.026898 0.000000 1361235.722 0.000

L9.Conduct 0.001096 NAN NAN NAN

L9.Water -0.037509 NAN NAN NAN

L9.Temp -0.005500 NAN NAN NAN

L9.Precip. horaria 1.877382 0.000000 4065831.319 0.000

L9.Temp. prom aire 0.022905 0.000000 1787683.686 0.000

L10.Conduct 0.025151 0.000000 2725990.938 0.000

L10.Water -0.038870 0.000000 -2656970.042 0.000

L10.Temp -0.070903 NAN NAN NAN

L10.Precip. horaria 2.721853 0.000000 17908293.304 0.000

L10.Temp. prom aire 0.021831 0.000000 2620194.195 0.000

L11.Conduct 0.024792 NAN NAN NAN

L11.Water -0.023153 NAN NAN NAN

L11.Temp 0.028767 0.000000 1153996.544 0.000

L11.Precip. horaria 0.558116 0.000000 1348175.122 0.000

L11.Temp. prom aire 0.080047 0.000000 3509242.850 0.000

L12.Conduct -0.009143 0.000000 -649712.555 0.000

L12.Water 0.001091 NAN NAN NAN

L12.Temp 0.031985 0.000000 4841788.643 0.000

L12.Precip. horaria 2.844723 NAN NAN NAN

L12.Temp. prom aire 0.016465 0.000000 564192.204 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -4.665482 0.000020 -229146.532 0.000

L1.Conduct 0.416949 NAN NAN NAN

L1.Water -3.837626 NAN NAN NAN

L1.Temp -1.192698 0.000000 -6473707.513 0.000

L1.Precip. horaria -25.247537 0.000003 -7771529.718 0.000

L1.Temp. prom aire -0.069147 0.000000 -318293.649 0.000

L2.Conduct 0.186097 NAN NAN NAN

L2.Water 0.699847 NAN NAN NAN

L2.Temp -0.320819 0.000000 -11404821.135 0.000

L2.Precip. horaria 12.297246 0.000001 8398400.937 0.000

L2.Temp. prom aire -0.108847 0.000000 -614567.938 0.000

L3.Conduct -0.330840 0.000000 -2067345.907 0.000

L3.Water 0.625392 0.000000 1493162.682 0.000

L3.Temp 0.593063 0.000000 3092277.748 0.000

L3.Precip. horaria -21.851349 0.000003 -7548612.180 0.000

L3.Temp. prom aire -0.570431 0.000000 -7634376.659 0.000

L4.Conduct 1.326425 0.000000 8935176.051 0.000

L4.Water -3.166863 0.000000 -6961700.725 0.000

L4.Temp -0.476645 0.000000 -2323164.678 0.000

L4.Precip. horaria 1.501613 NAN NAN NAN

L4.Temp. prom aire 0.461793 0.000000 2297393.624 0.000

L5.Conduct -0.998324 NAN NAN NAN

L5.Water 3.843811 NAN NAN NAN

L5.Temp 0.875377 0.000000 11354035.760 0.000

L5.Precip. horaria -2.401375 0.000004 -599485.653 0.000

L5.Temp. prom aire 0.687073 0.000000 4794069.621 0.000

L6.Conduct 0.871596 NAN NAN NAN

L6.Water -3.779426 NAN NAN NAN

L6.Temp 0.336224 0.000000 3254681.904 0.000

L6.Precip. horaria -4.973425 0.000003 -1602067.250 0.000

L6.Temp. prom aire 0.026389 0.000000 370478.792 0.000

L7.Conduct -0.559098 NAN NAN NAN

L7.Water 2.415786 NAN NAN NAN

L7.Temp 0.219529 0.000000 1901186.724 0.000

L7.Precip. horaria -0.899474 NAN NAN NAN

L7.Temp. prom aire -0.093163 0.000000 -1425478.381 0.000

L8.Conduct 0.528608 NAN NAN NAN

L8.Water -2.240613 NAN NAN NAN

L8.Temp -0.185572 0.000000 -1554635.049 0.000

L8.Precip. horaria 9.440080 0.000010 958032.458 0.000

L8.Temp. prom aire 0.116094 0.000000 734846.435 0.000

L9.Conduct -0.140960 NAN NAN NAN

L9.Water 0.040731 NAN NAN NAN

L9.Temp 0.308312 NAN NAN NAN

L9.Precip. horaria 32.490272 0.000004 8800848.815 0.000

L9.Temp. prom aire 0.058154 0.000000 567700.190 0.000

L10.Conduct 0.595150 0.000000 8068162.277 0.000

L10.Water -1.307272 0.000000 -11176726.286 0.000

L10.Temp -0.186575 NAN NAN NAN

L10.Precip. horaria 44.133772 0.000001 36319109.274 0.000

L10.Temp. prom aire -0.120019 0.000000 -1801690.026 0.000

L11.Conduct -0.117774 NAN NAN NAN

L11.Water 0.880155 NAN NAN NAN

L11.Temp -0.875505 0.000000 -4392867.060 0.000

L11.Precip. horaria 15.779005 0.000003 4767338.480 0.000

L11.Temp. prom aire 0.949547 0.000000 5206642.793 0.000

L12.Conduct 0.418645 0.000000 3721001.112 0.000

L12.Water -0.474070 NAN NAN NAN

L12.Temp 0.651420 0.000000 12333569.318 0.000

L12.Precip. horaria 31.668588 NAN NAN NAN

L12.Temp. prom aire 1.490155 0.000000 6386474.782 0.000

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.996972 0.524796 -0.974121 -0.760365

Water 0.996972 1.000000 0.515275 -0.976717 -0.767376

Temp 0.524796 0.515275 1.000000 -0.485229 -0.017981

Precip. horaria -0.974121 -0.976717 -0.485229 1.000000 0.845711

Temp. prom aire -0.760365 -0.767376 -0.017981 0.845711 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -267.521

Nobs: 59.0000 HQIC: -274.068

Log likelihood: 8095.11 FPE: -3.57645e-117

AIC: -278.261 Det(Omega\_mle): -1.02756e-118

---------------------------------------------------------------------

Results for equation Conduct

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 22.289276 NAN NAN NAN

L1.Conduct 2.866118 NAN NAN NAN

L1.Water -10.324346 NAN NAN NAN

L1.Temp -1.156504 NAN NAN NAN

L1.Precip. horaria 81.541436 NAN NAN NAN

L1.Temp. prom aire -0.407982 NAN NAN NAN

L2.Conduct -1.320665 NAN NAN NAN

L2.Water 5.463853 NAN NAN NAN

L2.Temp 1.027763 NAN NAN NAN

L2.Precip. horaria -14.536625 NAN NAN NAN

L2.Temp. prom aire -2.205556 NAN NAN NAN

L3.Conduct -0.180634 NAN NAN NAN

L3.Water 0.910455 NAN NAN NAN

L3.Temp -0.853293 NAN NAN NAN

L3.Precip. horaria -4.329645 NAN NAN NAN

L3.Temp. prom aire -0.967977 NAN NAN NAN

L4.Conduct 1.421331 NAN NAN NAN

L4.Water -1.086984 NAN NAN NAN

L4.Temp 0.541799 NAN NAN NAN

L4.Precip. horaria 23.608050 NAN NAN NAN

L4.Temp. prom aire -0.744536 NAN NAN NAN

L5.Conduct -1.689063 NAN NAN NAN

L5.Water 4.940193 NAN NAN NAN

L5.Temp 2.872261 NAN NAN NAN

L5.Precip. horaria -2.508658 NAN NAN NAN

L5.Temp. prom aire -1.230511 NAN NAN NAN

L6.Conduct 1.403374 NAN NAN NAN

L6.Water -6.380511 NAN NAN NAN

L6.Temp 0.627650 NAN NAN NAN

L6.Precip. horaria 32.593994 NAN NAN NAN

L6.Temp. prom aire -1.543450 NAN NAN NAN

L7.Conduct -0.846565 NAN NAN NAN

L7.Water 6.268038 NAN NAN NAN

L7.Temp 1.373373 NAN NAN NAN

L7.Precip. horaria -1.079194 NAN NAN NAN

L7.Temp. prom aire -0.684926 NAN NAN NAN

L8.Conduct -0.988286 NAN NAN NAN

L8.Water -0.731376 NAN NAN NAN

L8.Temp 0.146361 NAN NAN NAN

L8.Precip. horaria -3.762062 NAN NAN NAN

L8.Temp. prom aire -1.635499 NAN NAN NAN

L9.Conduct 3.392237 NAN NAN NAN

L9.Water -6.911747 NAN NAN NAN

L9.Temp 0.572536 NAN NAN NAN

L9.Precip. horaria -10.264639 NAN NAN NAN

L9.Temp. prom aire -1.272382 NAN NAN NAN

L10.Conduct -1.325780 NAN NAN NAN

L10.Water 2.320865 NAN NAN NAN

L10.Temp -0.761946 NAN NAN NAN

L10.Precip. horaria 79.430459 NAN NAN NAN

L10.Temp. prom aire 0.029513 NAN NAN NAN

L11.Conduct -0.272760 NAN NAN NAN

L11.Water 2.562414 NAN NAN NAN

L11.Temp 1.092139 NAN NAN NAN

L11.Precip. horaria 8.335932 NAN NAN NAN

L11.Temp. prom aire 1.558296 NAN NAN NAN

L12.Conduct 0.352518 NAN NAN NAN

L12.Water -0.456627 NAN NAN NAN

L12.Temp -0.565709 NAN NAN NAN

L12.Precip. horaria 5.172276 NAN NAN NAN

L12.Temp. prom aire -0.303397 NAN NAN NAN

===============================================================

Results for equation Water

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 3.277592 NAN NAN NAN

L1.Conduct 0.413023 NAN NAN NAN

L1.Water -2.060000 NAN NAN NAN

L1.Temp -0.188027 NAN NAN NAN

L1.Precip. horaria 18.074717 NAN NAN NAN

L1.Temp. prom aire -0.208414 NAN NAN NAN

L2.Conduct -0.018468 NAN NAN NAN

L2.Water 0.121320 NAN NAN NAN

L2.Temp 0.115045 NAN NAN NAN

L2.Precip. horaria 11.499444 NAN NAN NAN

L2.Temp. prom aire -0.726762 NAN NAN NAN

L3.Conduct -0.022843 NAN NAN NAN

L3.Water 0.704741 NAN NAN NAN

L3.Temp -0.025110 NAN NAN NAN

L3.Precip. horaria 0.992006 NAN NAN NAN

L3.Temp. prom aire -0.751831 NAN NAN NAN

L4.Conduct 0.226682 NAN NAN NAN

L4.Water 0.178748 NAN NAN NAN

L4.Temp 0.160283 NAN NAN NAN

L4.Precip. horaria 3.880106 NAN NAN NAN

L4.Temp. prom aire -0.525898 NAN NAN NAN

L5.Conduct -0.123008 NAN NAN NAN

L5.Water 0.747883 NAN NAN NAN

L5.Temp 0.818634 NAN NAN NAN

L5.Precip. horaria 3.116029 NAN NAN NAN

L5.Temp. prom aire -0.557428 NAN NAN NAN

L6.Conduct 0.031352 NAN NAN NAN

L6.Water -0.272377 NAN NAN NAN

L6.Temp 0.724845 NAN NAN NAN

L6.Precip. horaria 7.825279 NAN NAN NAN

L6.Temp. prom aire -0.639877 NAN NAN NAN

L7.Conduct -0.030326 NAN NAN NAN

L7.Water 0.697617 NAN NAN NAN

L7.Temp 0.539882 NAN NAN NAN

L7.Precip. horaria 2.281678 NAN NAN NAN

L7.Temp. prom aire -0.525711 NAN NAN NAN

L8.Conduct -0.187414 NAN NAN NAN

L8.Water 0.158323 NAN NAN NAN

L8.Temp 0.318781 NAN NAN NAN

L8.Precip. horaria 1.216415 NAN NAN NAN

L8.Temp. prom aire -0.617857 NAN NAN NAN

L9.Conduct 0.633775 NAN NAN NAN

L9.Water -1.862899 NAN NAN NAN

L9.Temp 0.158093 NAN NAN NAN

L9.Precip. horaria 9.460454 NAN NAN NAN

L9.Temp. prom aire -0.647939 NAN NAN NAN

L10.Conduct 0.111446 NAN NAN NAN

L10.Water -0.229168 NAN NAN NAN

L10.Temp -0.003071 NAN NAN NAN

L10.Precip. horaria 17.526052 NAN NAN NAN

L10.Temp. prom aire -0.288800 NAN NAN NAN

L11.Conduct -0.105109 NAN NAN NAN

L11.Water 0.850016 NAN NAN NAN

L11.Temp 0.177472 NAN NAN NAN

L11.Precip. horaria 11.364900 NAN NAN NAN

L11.Temp. prom aire 0.242105 NAN NAN NAN

L12.Conduct 0.063508 NAN NAN NAN

L12.Water 0.400394 NAN NAN NAN

L12.Temp 0.085825 NAN NAN NAN

L12.Precip. horaria 3.170496 NAN NAN NAN

L12.Temp. prom aire 0.149005 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.280268 NAN NAN NAN

L1.Conduct -0.538413 NAN NAN NAN

L1.Water 4.661904 NAN NAN NAN

L1.Temp 0.292610 NAN NAN NAN

L1.Precip. horaria -26.600323 NAN NAN NAN

L1.Temp. prom aire 0.592877 NAN NAN NAN

L2.Conduct -0.590365 NAN NAN NAN

L2.Water 1.798673 NAN NAN NAN

L2.Temp 0.338242 NAN NAN NAN

L2.Precip. horaria -40.060090 NAN NAN NAN

L2.Temp. prom aire 1.004801 NAN NAN NAN

L3.Conduct 0.632151 NAN NAN NAN

L3.Water -1.847426 NAN NAN NAN

L3.Temp -0.448143 NAN NAN NAN

L3.Precip. horaria -6.711159 NAN NAN NAN

L3.Temp. prom aire 1.811673 NAN NAN NAN

L4.Conduct -0.790562 NAN NAN NAN

L4.Water 0.141249 NAN NAN NAN

L4.Temp -0.197757 NAN NAN NAN

L4.Precip. horaria -18.121403 NAN NAN NAN

L4.Temp. prom aire 1.545052 NAN NAN NAN

L5.Conduct 0.411154 NAN NAN NAN

L5.Water -2.599894 NAN NAN NAN

L5.Temp -0.722249 NAN NAN NAN

L5.Precip. horaria -5.592683 NAN NAN NAN

L5.Temp. prom aire 0.997119 NAN NAN NAN

L6.Conduct 0.037482 NAN NAN NAN

L6.Water -0.226151 NAN NAN NAN

L6.Temp -1.732753 NAN NAN NAN

L6.Precip. horaria -9.536862 NAN NAN NAN

L6.Temp. prom aire 1.195873 NAN NAN NAN

L7.Conduct -0.594286 NAN NAN NAN

L7.Water 2.893975 NAN NAN NAN

L7.Temp -0.683163 NAN NAN NAN

L7.Precip. horaria -35.384357 NAN NAN NAN

L7.Temp. prom aire 1.288355 NAN NAN NAN

L8.Conduct 0.938542 NAN NAN NAN

L8.Water -4.241147 NAN NAN NAN

L8.Temp -0.950538 NAN NAN NAN

L8.Precip. horaria -7.276826 NAN NAN NAN

L8.Temp. prom aire 1.177177 NAN NAN NAN

L9.Conduct -0.558723 NAN NAN NAN

L9.Water 2.927772 NAN NAN NAN

L9.Temp -0.606969 NAN NAN NAN

L9.Precip. horaria -18.001531 NAN NAN NAN

L9.Temp. prom aire 1.620702 NAN NAN NAN

L10.Conduct -1.956027 NAN NAN NAN

L10.Water 4.304483 NAN NAN NAN

L10.Temp -0.571959 NAN NAN NAN

L10.Precip. horaria -39.619839 NAN NAN NAN

L10.Temp. prom aire 1.229337 NAN NAN NAN

L11.Conduct 1.188807 NAN NAN NAN

L11.Water -2.942094 NAN NAN NAN

L11.Temp -1.070904 NAN NAN NAN

L11.Precip. horaria -47.872017 NAN NAN NAN

L11.Temp. prom aire 0.811163 NAN NAN NAN

L12.Conduct -0.274498 NAN NAN NAN

L12.Water -1.858552 NAN NAN NAN

L12.Temp -0.680405 NAN NAN NAN

L12.Precip. horaria -7.259769 NAN NAN NAN

L12.Temp. prom aire 0.491244 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.676513 NAN NAN NAN

L1.Conduct -0.006764 NAN NAN NAN

L1.Water 0.043498 NAN NAN NAN

L1.Temp 0.002416 NAN NAN NAN

L1.Precip. horaria 0.053939 NAN NAN NAN

L1.Temp. prom aire 0.002989 NAN NAN NAN

L2.Conduct 0.004827 NAN NAN NAN

L2.Water -0.040114 NAN NAN NAN

L2.Temp -0.013096 NAN NAN NAN

L2.Precip. horaria -0.564901 NAN NAN NAN

L2.Temp. prom aire 0.030022 NAN NAN NAN

L3.Conduct -0.034883 NAN NAN NAN

L3.Water 0.130010 NAN NAN NAN

L3.Temp -0.003509 NAN NAN NAN

L3.Precip. horaria -0.040594 NAN NAN NAN

L3.Temp. prom aire 0.026981 NAN NAN NAN

L4.Conduct 0.022636 NAN NAN NAN

L4.Water -0.143352 NAN NAN NAN

L4.Temp -0.028926 NAN NAN NAN

L4.Precip. horaria 0.686356 NAN NAN NAN

L4.Temp. prom aire 0.010126 NAN NAN NAN

L5.Conduct 0.010788 NAN NAN NAN

L5.Water -0.029114 NAN NAN NAN

L5.Temp -0.018117 NAN NAN NAN

L5.Precip. horaria -0.112930 NAN NAN NAN

L5.Temp. prom aire 0.031706 NAN NAN NAN

L6.Conduct -0.015006 NAN NAN NAN

L6.Water 0.000983 NAN NAN NAN

L6.Temp -0.029386 NAN NAN NAN

L6.Precip. horaria 0.605530 NAN NAN NAN

L6.Temp. prom aire 0.023269 NAN NAN NAN

L7.Conduct 0.017469 NAN NAN NAN

L7.Water 0.029999 NAN NAN NAN

L7.Temp -0.016496 NAN NAN NAN

L7.Precip. horaria -0.845498 NAN NAN NAN

L7.Temp. prom aire 0.017013 NAN NAN NAN

L8.Conduct -0.020616 NAN NAN NAN

L8.Water -0.011466 NAN NAN NAN

L8.Temp -0.010746 NAN NAN NAN

L8.Precip. horaria 0.313105 NAN NAN NAN

L8.Temp. prom aire 0.013189 NAN NAN NAN

L9.Conduct 0.023948 NAN NAN NAN

L9.Water -0.065839 NAN NAN NAN

L9.Temp -0.008967 NAN NAN NAN

L9.Precip. horaria 0.569445 NAN NAN NAN

L9.Temp. prom aire 0.017432 NAN NAN NAN

L10.Conduct -0.038403 NAN NAN NAN

L10.Water 0.071735 NAN NAN NAN

L10.Temp -0.013929 NAN NAN NAN

L10.Precip. horaria 0.520695 NAN NAN NAN

L10.Temp. prom aire 0.017169 NAN NAN NAN

L11.Conduct 0.014087 NAN NAN NAN

L11.Water 0.002515 NAN NAN NAN

L11.Temp 0.002290 NAN NAN NAN

L11.Precip. horaria 0.071913 NAN NAN NAN

L11.Temp. prom aire 0.015450 NAN NAN NAN

L12.Conduct 0.009156 NAN NAN NAN

L12.Water -0.013200 NAN NAN NAN

L12.Temp 0.032773 NAN NAN NAN

L12.Precip. horaria -1.158253 NAN NAN NAN

L12.Temp. prom aire -0.040006 NAN NAN NAN

===============================================================

Results for equation Temp. prom aire

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const -1.290270 NAN NAN NAN

L1.Conduct 0.259395 NAN NAN NAN

L1.Water -2.675635 NAN NAN NAN

L1.Temp -0.197833 NAN NAN NAN

L1.Precip. horaria -13.038338 NAN NAN NAN

L1.Temp. prom aire -0.131951 NAN NAN NAN

L2.Conduct 0.686355 NAN NAN NAN

L2.Water -1.273750 NAN NAN NAN

L2.Temp 0.188145 NAN NAN NAN

L2.Precip. horaria 22.616471 NAN NAN NAN

L2.Temp. prom aire -0.417721 NAN NAN NAN

L3.Conduct -1.338196 NAN NAN NAN

L3.Water 5.039672 NAN NAN NAN

L3.Temp 1.164378 NAN NAN NAN

L3.Precip. horaria -17.868498 NAN NAN NAN

L3.Temp. prom aire -1.186810 NAN NAN NAN

L4.Conduct 0.678544 NAN NAN NAN

L4.Water -1.136029 NAN NAN NAN

L4.Temp -0.734623 NAN NAN NAN

L4.Precip. horaria 0.717512 NAN NAN NAN

L4.Temp. prom aire -0.499673 NAN NAN NAN

L5.Conduct 0.233704 NAN NAN NAN

L5.Water -0.777429 NAN NAN NAN

L5.Temp 0.513222 NAN NAN NAN

L5.Precip. horaria 1.665882 NAN NAN NAN

L5.Temp. prom aire 0.198456 NAN NAN NAN

L6.Conduct -0.261020 NAN NAN NAN

L6.Water -0.371707 NAN NAN NAN

L6.Temp 0.711700 NAN NAN NAN

L6.Precip. horaria 9.245075 NAN NAN NAN

L6.Temp. prom aire -0.327213 NAN NAN NAN

L7.Conduct -0.000888 NAN NAN NAN

L7.Water 0.292060 NAN NAN NAN

L7.Temp 0.363164 NAN NAN NAN

L7.Precip. horaria -1.629773 NAN NAN NAN

L7.Temp. prom aire -0.478161 NAN NAN NAN

L8.Conduct 0.273710 NAN NAN NAN

L8.Water 0.484879 NAN NAN NAN

L8.Temp -0.110558 NAN NAN NAN

L8.Precip. horaria -6.710294 NAN NAN NAN

L8.Temp. prom aire -0.055756 NAN NAN NAN

L9.Conduct -0.053774 NAN NAN NAN

L9.Water -1.684772 NAN NAN NAN

L9.Temp 0.262147 NAN NAN NAN

L9.Precip. horaria 14.630352 NAN NAN NAN

L9.Temp. prom aire -0.073564 NAN NAN NAN

L10.Conduct 0.814355 NAN NAN NAN

L10.Water -1.806696 NAN NAN NAN

L10.Temp -0.467977 NAN NAN NAN

L10.Precip. horaria 39.721603 NAN NAN NAN

L10.Temp. prom aire -0.375589 NAN NAN NAN

L11.Conduct -1.101390 NAN NAN NAN

L11.Water 2.889814 NAN NAN NAN

L11.Temp -0.611112 NAN NAN NAN

L11.Precip. horaria 12.304657 NAN NAN NAN

L11.Temp. prom aire 0.621104 NAN NAN NAN

L12.Conduct 0.538025 NAN NAN NAN

L12.Water 0.078548 NAN NAN NAN

L12.Temp 0.482107 NAN NAN NAN

L12.Precip. horaria -7.367910 NAN NAN NAN

L12.Temp. prom aire 0.966178 NAN NAN NAN

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.681925 -0.313803 0.264954 -0.476631

Water 0.681925 1.000000 -0.811339 -0.027323 -0.035382

Temp -0.313803 -0.811339 1.000000 0.549934 -0.384734

Precip. horaria 0.264954 -0.027323 0.549934 1.000000 -0.447177

Temp. prom aire -0.476631 -0.035382 -0.384734 -0.447177 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

==================================

Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -248.037

Nobs: 59.0000 HQIC: -254.585

Log likelihood: 7520.33 FPE: -1.03563e-108

AIC: -258.777 Det(Omega\_mle): -2.97549e-110

---------------------------------------------------------------------

Results for equation Conduct

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const -154.452084 NAN NAN NAN

L1.Conduct 2.630451 NAN NAN NAN

L1.Water -22.028055 0.000006 -3720986.313 0.000

L1.Temp 2.716295 0.000001 2116305.625 0.000

L1.Precip. horaria 388.568919 0.000047 8316948.351 0.000

L1.Temp. prom aire -2.102735 0.000002 -1198478.142 0.000

L2.Conduct -2.397030 NAN NAN NAN

L2.Water 24.991651 NAN NAN NAN

L2.Temp -4.053325 0.000001 -4460708.484 0.000

L2.Precip. horaria 81.686357 NAN NAN NAN

L2.Temp. prom aire -2.059090 0.000001 -2558401.338 0.000

L3.Conduct 1.173249 NAN NAN NAN

L3.Water -7.362549 NAN NAN NAN

L3.Temp 2.222849 NAN NAN NAN

L3.Precip. horaria 238.237268 NAN NAN NAN

L3.Temp. prom aire -0.142933 0.000001 -220396.117 0.000

L4.Conduct 1.405682 0.000000 3156974.989 0.000

L4.Water -20.579974 0.000008 -2511526.341 0.000

L4.Temp 3.941151 0.000005 767855.590 0.000

L4.Precip. horaria 612.485198 0.000014 45143688.076 0.000

L4.Temp. prom aire -3.430480 NAN NAN NAN

L5.Conduct -0.335980 NAN NAN NAN

L5.Water 19.839603 NAN NAN NAN

L5.Temp 3.261887 0.000001 2310172.541 0.000

L5.Precip. horaria -15.763775 NAN NAN NAN

L5.Temp. prom aire -2.150240 0.000001 -2374653.510 0.000

L6.Conduct 0.812060 NAN NAN NAN

L6.Water -10.107293 NAN NAN NAN

L6.Temp 2.238571 0.000001 2005962.976 0.000

L6.Precip. horaria 351.696187 0.000034 10346527.748 0.000

L6.Temp. prom aire -1.877683 NAN NAN NAN

L7.Conduct 0.455082 0.000000 1012571.862 0.000

L7.Water -8.761012 0.000005 -1906266.514 0.000

L7.Temp 3.503165 NAN NAN NAN

L7.Precip. horaria 5.748579 NAN NAN NAN

L7.Temp. prom aire -1.900924 0.000002 -1112263.130 0.000

L8.Conduct -1.489386 NAN NAN NAN

L8.Water 7.631056 NAN NAN NAN

L8.Temp -0.322421 0.000002 -203805.961 0.000

L8.Precip. horaria 222.582579 NAN NAN NAN

L8.Temp. prom aire -2.743770 0.000001 -3705679.002 0.000

L9.Conduct 2.073480 NAN NAN NAN

L9.Water -11.277177 NAN NAN NAN

L9.Temp 4.277237 NAN NAN NAN

L9.Precip. horaria 92.318664 NAN NAN NAN

L9.Temp. prom aire -1.574900 0.000001 -1295647.413 0.000

L10.Conduct -1.933880 NAN NAN NAN

L10.Water 15.588699 NAN NAN NAN

L10.Temp 0.495069 NAN NAN NAN

L10.Precip. horaria 44.747893 0.000080 561451.703 0.000

L10.Temp. prom aire -1.612774 NAN NAN NAN

L11.Conduct 2.344845 0.000001 2623673.392 0.000

L11.Water -11.969156 0.000008 -1475519.040 0.000

L11.Temp 6.143317 NAN NAN NAN

L11.Precip. horaria -81.978079 NAN NAN NAN

L11.Temp. prom aire -3.141102 0.000001 -3247009.658 0.000

L12.Conduct 0.114971 NAN NAN NAN

L12.Water 4.627718 NAN NAN NAN

L12.Temp 1.150532 NAN NAN NAN

L12.Precip. horaria -47.259804 0.000119 -398570.543 0.000

L12.Temp. prom aire -6.009611 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const -1.351774 NAN NAN NAN

L1.Conduct 0.000653 NAN NAN NAN

L1.Water 0.194714 0.000000 839308.477 0.000

L1.Temp -0.138912 0.000000 -2761750.484 0.000

L1.Precip. horaria 14.853957 0.000002 8112998.347 0.000

L1.Temp. prom aire 0.072421 0.000000 1053302.796 0.000

L2.Conduct -0.083780 NAN NAN NAN

L2.Water 0.566688 NAN NAN NAN

L2.Temp -0.141582 0.000000 -3975980.090 0.000

L2.Precip. horaria 12.105604 NAN NAN NAN

L2.Temp. prom aire -0.014358 0.000000 -455226.710 0.000

L3.Conduct 0.062969 NAN NAN NAN

L3.Water -0.437784 NAN NAN NAN

L3.Temp -0.027020 NAN NAN NAN

L3.Precip. horaria 20.661322 NAN NAN NAN

L3.Temp. prom aire 0.146578 0.000000 5767448.891 0.000

L4.Conduct 0.112924 0.000000 6471613.265 0.000

L4.Water -0.939453 0.000000 -2925574.441 0.000

L4.Temp -0.022214 0.000000 -110439.517 0.000

L4.Precip. horaria 33.658628 0.000001 63305454.438 0.000

L4.Temp. prom aire 0.198844 NAN NAN NAN

L5.Conduct -0.032994 NAN NAN NAN

L5.Water 0.942744 NAN NAN NAN

L5.Temp 0.113004 0.000000 2042262.816 0.000

L5.Precip. horaria 11.749524 NAN NAN NAN

L5.Temp. prom aire 0.148188 0.000000 4176086.748 0.000

L6.Conduct 0.038497 NAN NAN NAN

L6.Water -1.228431 NAN NAN NAN

L6.Temp -0.022008 0.000000 -503235.365 0.000

L6.Precip. horaria 27.602822 0.000001 20721621.903 0.000

L6.Temp. prom aire 0.087458 NAN NAN NAN

L7.Conduct 0.004222 0.000000 239729.405 0.000

L7.Water -0.233772 0.000000 -1297972.506 0.000

L7.Temp 0.061502 NAN NAN NAN

L7.Precip. horaria 23.060605 NAN NAN NAN

L7.Temp. prom aire 0.115673 0.000000 1727099.505 0.000

L8.Conduct -0.058242 NAN NAN NAN

L8.Water 0.529122 NAN NAN NAN

L8.Temp -0.074500 0.000000 -1201687.604 0.000

L8.Precip. horaria 26.503873 NAN NAN NAN

L8.Temp. prom aire 0.054320 0.000000 1872074.132 0.000

L9.Conduct 0.075965 NAN NAN NAN

L9.Water -0.399591 NAN NAN NAN

L9.Temp 0.166621 NAN NAN NAN

L9.Precip. horaria 19.704636 NAN NAN NAN

L9.Temp. prom aire 0.047532 0.000000 997855.533 0.000

L10.Conduct -0.029397 NAN NAN NAN

L10.Water 0.258712 NAN NAN NAN

L10.Temp -0.063132 NAN NAN NAN

L10.Precip. horaria 8.096925 0.000003 2592407.286 0.000

L10.Temp. prom aire 0.077817 NAN NAN NAN

L11.Conduct 0.108399 0.000000 3095026.243 0.000

L11.Water -0.436342 0.000000 -1372623.476 0.000

L11.Temp 0.147163 NAN NAN NAN

L11.Precip. horaria 13.531066 NAN NAN NAN

L11.Temp. prom aire 0.184860 0.000000 4876266.916 0.000

L12.Conduct 0.009935 NAN NAN NAN

L12.Water 0.184331 NAN NAN NAN

L12.Temp -0.024152 NAN NAN NAN

L12.Precip. horaria 10.750231 0.000005 2313525.916 0.000

L12.Temp. prom aire 0.122984 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 73.327820 NAN NAN NAN

L1.Conduct -0.707928 NAN NAN NAN

L1.Water 5.691992 0.000003 2130198.314 0.000

L1.Temp -1.335217 0.000001 -2304767.321 0.000

L1.Precip. horaria -106.809960 0.000021 -5065024.237 0.000

L1.Temp. prom aire 1.870355 0.000001 2361802.697 0.000

L2.Conduct 0.861172 NAN NAN NAN

L2.Water -7.150800 NAN NAN NAN

L2.Temp 1.421986 0.000000 3467060.744 0.000

L2.Precip. horaria -6.433670 NAN NAN NAN

L2.Temp. prom aire 1.107638 0.000000 3049053.645 0.000

L3.Conduct -0.425073 NAN NAN NAN

L3.Water 4.932204 NAN NAN NAN

L3.Temp -0.987216 NAN NAN NAN

L3.Precip. horaria -123.648508 NAN NAN NAN

L3.Temp. prom aire 0.778933 0.000000 2661011.012 0.000

L4.Conduct -0.198273 0.000000 -986553.003 0.000

L4.Water 1.699676 0.000004 459550.124 0.000

L4.Temp -2.345329 0.000002 -1012357.645 0.000

L4.Precip. horaria -170.186974 0.000006 -27790834.239 0.000

L4.Temp. prom aire 2.878056 NAN NAN NAN

L5.Conduct -0.087843 NAN NAN NAN

L5.Water -6.037811 NAN NAN NAN

L5.Temp -1.515898 0.000001 -2378588.255 0.000

L5.Precip. horaria 4.881356 NAN NAN NAN

L5.Temp. prom aire 1.905955 0.000000 4663368.291 0.000

L6.Conduct -0.744898 NAN NAN NAN

L6.Water 6.094328 NAN NAN NAN

L6.Temp -1.916088 0.000001 -3804006.567 0.000

L6.Precip. horaria -140.330693 0.000015 -9146468.987 0.000

L6.Temp. prom aire 1.295020 NAN NAN NAN

L7.Conduct -0.124064 0.000000 -611583.456 0.000

L7.Water 3.422933 0.000002 1650067.007 0.000

L7.Temp -1.482859 NAN NAN NAN

L7.Precip. horaria -11.684025 NAN NAN NAN

L7.Temp. prom aire 1.589568 0.000001 2060610.309 0.000

L8.Conduct 0.494325 NAN NAN NAN

L8.Water -1.895503 NAN NAN NAN

L8.Temp -0.308274 0.000001 -431722.810 0.000

L8.Precip. horaria -76.385233 NAN NAN NAN

L8.Temp. prom aire 1.890453 0.000000 5656655.027 0.000

L9.Conduct -0.279598 NAN NAN NAN

L9.Water 1.322662 NAN NAN NAN

L9.Temp -1.382097 NAN NAN NAN

L9.Precip. horaria -5.491790 NAN NAN NAN

L9.Temp. prom aire 1.267173 0.000001 2309635.964 0.000

L10.Conduct 0.525730 NAN NAN NAN

L10.Water -4.417450 NAN NAN NAN

L10.Temp -1.266672 NAN NAN NAN

L10.Precip. horaria 24.488649 0.000036 680735.616 0.000

L10.Temp. prom aire 1.382433 NAN NAN NAN

L11.Conduct -1.072329 0.000000 -2658259.896 0.000

L11.Water 5.395397 0.000004 1473596.266 0.000

L11.Temp -3.615421 NAN NAN NAN

L11.Precip. horaria 48.518677 NAN NAN NAN

L11.Temp. prom aire 3.029517 0.000000 6938230.141 0.000

L12.Conduct 0.030593 NAN NAN NAN

L12.Water -2.807693 NAN NAN NAN

L12.Temp -0.928257 NAN NAN NAN

L12.Precip. horaria 26.317515 0.000054 491735.994 0.000

L12.Temp. prom aire 4.488051 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 2.848704 NAN NAN NAN

L1.Conduct -0.016931 NAN NAN NAN

L1.Water 0.077374 0.000000 660198.877 0.000

L1.Temp -0.019590 0.000000 -770941.907 0.000

L1.Precip. horaria -2.118264 0.000001 -2290192.893 0.000

L1.Temp. prom aire 0.022630 0.000000 651515.656 0.000

L2.Conduct 0.017891 NAN NAN NAN

L2.Water -0.143076 NAN NAN NAN

L2.Temp 0.008463 0.000000 470473.111 0.000

L2.Precip. horaria 0.613673 NAN NAN NAN

L2.Temp. prom aire 0.035514 0.000000 2228911.269 0.000

L3.Conduct -0.011822 NAN NAN NAN

L3.Water 0.078764 NAN NAN NAN

L3.Temp -0.036342 NAN NAN NAN

L3.Precip. horaria -2.274106 NAN NAN NAN

L3.Temp. prom aire 0.036860 0.000000 2870914.463 0.000

L4.Conduct -0.001973 0.000000 -223816.073 0.000

L4.Water 0.037990 0.000000 234181.938 0.000

L4.Temp -0.063887 0.000000 -628727.590 0.000

L4.Precip. horaria -2.471415 0.000000 -9201171.082 0.000

L4.Temp. prom aire 0.069745 NAN NAN NAN

L5.Conduct -0.000839 NAN NAN NAN

L5.Water -0.124349 NAN NAN NAN

L5.Temp -0.052630 0.000000 -1882802.389 0.000

L5.Precip. horaria 1.388785 NAN NAN NAN

L5.Temp. prom aire 0.059371 0.000000 3311943.869 0.000

L6.Conduct -0.015197 NAN NAN NAN

L6.Water 0.147258 NAN NAN NAN

L6.Temp -0.052120 0.000000 -2359120.759 0.000

L6.Precip. horaria -2.599311 0.000001 -3862613.626 0.000

L6.Temp. prom aire 0.050848 NAN NAN NAN

L7.Conduct 0.001334 0.000000 149955.767 0.000

L7.Water -0.019596 0.000000 -215376.962 0.000

L7.Temp -0.051250 NAN NAN NAN

L7.Precip. horaria 0.934046 NAN NAN NAN

L7.Temp. prom aire 0.047709 0.000000 1410057.913 0.000

L8.Conduct 0.002062 NAN NAN NAN

L8.Water 0.047456 NAN NAN NAN

L8.Temp -0.019988 0.000000 -638212.294 0.000

L8.Precip. horaria -0.526258 NAN NAN NAN

L8.Temp. prom aire 0.050267 0.000000 3429242.276 0.000

L9.Conduct -0.007750 NAN NAN NAN

L9.Water 0.016970 NAN NAN NAN

L9.Temp -0.039324 NAN NAN NAN

L9.Precip. horaria 1.027363 NAN NAN NAN

L9.Temp. prom aire 0.040829 0.000000 1696655.654 0.000

L10.Conduct 0.016582 NAN NAN NAN

L10.Water -0.126177 NAN NAN NAN

L10.Temp -0.025736 NAN NAN NAN

L10.Precip. horaria 1.440483 0.000002 912943.538 0.000

L10.Temp. prom aire 0.052651 NAN NAN NAN

L11.Conduct -0.016554 0.000000 -935627.620 0.000

L11.Water 0.071393 0.000000 444563.478 0.000

L11.Temp -0.064823 NAN NAN NAN

L11.Precip. horaria 2.222988 NAN NAN NAN

L11.Temp. prom aire 0.087427 0.000000 4565041.260 0.000

L12.Conduct 0.003464 NAN NAN NAN

L12.Water -0.064565 NAN NAN NAN

L12.Temp 0.008656 NAN NAN NAN

L12.Precip. horaria 2.074463 0.000002 883720.787 0.000

L12.Temp. prom aire 0.065096 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 91.419331 NAN NAN NAN

L1.Conduct -0.405565 NAN NAN NAN

L1.Water 1.469454 0.000003 433708.640 0.000

L1.Temp -0.822475 0.000001 -1119655.122 0.000

L1.Precip. horaria -47.816996 0.000027 -1788292.222 0.000

L1.Temp. prom aire 0.195696 0.000001 194888.910 0.000

L2.Conduct 0.225495 NAN NAN NAN

L2.Water -0.247277 NAN NAN NAN

L2.Temp 0.431215 0.000001 829176.429 0.000

L2.Precip. horaria 41.825268 NAN NAN NAN

L2.Temp. prom aire 0.686117 0.000000 1489538.782 0.000

L3.Conduct 0.062890 NAN NAN NAN

L3.Water -3.249097 NAN NAN NAN

L3.Temp 1.195171 NAN NAN NAN

L3.Precip. horaria -11.041515 NAN NAN NAN

L3.Temp. prom aire -0.052805 0.000000 -142268.757 0.000

L4.Conduct -0.001407 0.000000 -5522.449 0.000

L4.Water 1.796205 0.000005 383009.038 0.000

L4.Temp -1.234639 0.000003 -420297.448 0.000

L4.Precip. horaria -6.782070 0.000008 -873421.667 0.000

L4.Temp. prom aire 1.089415 NAN NAN NAN

L5.Conduct 0.166732 NAN NAN NAN

L5.Water -3.685814 NAN NAN NAN

L5.Temp -0.611293 0.000001 -756458.033 0.000

L5.Precip. horaria 68.372849 NAN NAN NAN

L5.Temp. prom aire 1.101016 0.000001 2124551.806 0.000

L6.Conduct -0.537697 NAN NAN NAN

L6.Water 2.120206 NAN NAN NAN

L6.Temp -1.375995 0.000001 -2154413.104 0.000

L6.Precip. horaria -41.386493 0.000019 -2127383.796 0.000

L6.Temp. prom aire 0.607761 NAN NAN NAN

L7.Conduct 0.033939 0.000000 131944.799 0.000

L7.Water -1.571821 0.000003 -597575.210 0.000

L7.Temp -1.118884 NAN NAN NAN

L7.Precip. horaria 81.310759 NAN NAN NAN

L7.Temp. prom aire 0.566676 0.000001 579345.648 0.000

L8.Conduct -0.111075 NAN NAN NAN

L8.Water 4.164379 NAN NAN NAN

L8.Temp -0.389734 0.000001 -430449.338 0.000

L8.Precip. horaria 21.666545 NAN NAN NAN

L8.Temp. prom aire 0.919337 0.000000 2169476.139 0.000

L9.Conduct -0.084268 NAN NAN NAN

L9.Water 0.310667 NAN NAN NAN

L9.Temp -0.408361 NAN NAN NAN

L9.Precip. horaria 20.416004 NAN NAN NAN

L9.Temp. prom aire 0.852387 0.000001 1225267.701 0.000

L10.Conduct 0.455158 NAN NAN NAN

L10.Water -2.490867 NAN NAN NAN

L10.Temp -0.413595 NAN NAN NAN

L10.Precip. horaria 42.868106 0.000046 939797.660 0.000

L10.Temp. prom aire 0.652316 NAN NAN NAN

L11.Conduct -0.402109 0.000001 -786140.220 0.000

L11.Water 1.365956 0.000005 294224.054 0.000

L11.Temp -2.272613 NAN NAN NAN

L11.Precip. horaria 42.576119 NAN NAN NAN

L11.Temp. prom aire 1.645911 0.000001 2972816.053 0.000

L12.Conduct 0.025224 NAN NAN NAN

L12.Water -1.648170 NAN NAN NAN

L12.Temp 0.039809 NAN NAN NAN

L12.Precip. horaria 104.784877 0.000068 1544088.349 0.000

L12.Temp. prom aire 2.316405 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.799890 -0.956431 -0.727258 -0.640986

Water 0.799890 1.000000 -0.665115 -0.406412 -0.258424

Temp -0.956431 -0.665115 1.000000 0.697898 0.634820

Precip. horaria -0.727258 -0.406412 0.697898 1.000000 0.985208

Temp. prom aire -0.640986 -0.258424 0.634820 0.985208 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -275.145

Nobs: 59.0000 HQIC: -281.692

Log likelihood: 8320.02 FPE: -1.74737e-120

AIC: -285.885 Det(Omega\_mle): -5.02041e-122

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Results for equation Conduct

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coefficient std. error t-stat prob

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const -6.923648 0.000002 -3154884.194 0.000

L1.Conduct -0.363192 0.000000 -1029070.611 0.000

L1.Water 0.420859 0.000000 3078794.863 0.000

L1.Temp 0.124948 0.000000 868899.696 0.000

L1.Precip. horaria -4.598950 0.000004 -1135100.658 0.000

L1.Temp. prom aire 0.389948 0.000000 2223746.802 0.000

L2.Conduct -1.324445 0.000001 -1850145.031 0.000

L2.Water 1.193979 0.000000 2796898.717 0.000

L2.Temp -0.066725 0.000000 -686059.933 0.000

L2.Precip. horaria -4.102357 0.000001 -4854912.702 0.000

L2.Temp. prom aire -0.014888 0.000000 -142729.821 0.000

L3.Conduct -0.715642 0.000000 -4420108.282 0.000

L3.Water 0.921948 0.000000 5465639.810 0.000

L3.Temp -0.432108 0.000000 -53159052.513 0.000

L3.Precip. horaria -17.521881 0.000002 -7113276.857 0.000

L3.Temp. prom aire 0.200537 0.000000 1753948.833 0.000

L4.Conduct 0.177813 0.000000 408296.480 0.000

L4.Water -0.767194 0.000001 -1385138.662 0.000

L4.Temp -1.021788 0.000000 -3081701.260 0.000

L4.Precip. horaria 5.896753 0.000004 1338200.965 0.000

L4.Temp. prom aire 0.718337 0.000000 4840270.908 0.000

L5.Conduct -0.698456 0.000000 -5457920.939 0.000

L5.Water 0.400491 0.000000 1533367.945 0.000

L5.Temp -0.055982 0.000000 -1459825.190 0.000

L5.Precip. horaria -1.585398 0.000002 -658116.437 0.000

L5.Temp. prom aire 0.641506 0.000000 5072233.196 0.000

L6.Conduct 0.093969 0.000001 147685.381 0.000

L6.Water -0.603291 0.000001 -593932.580 0.000

L6.Temp -0.364845 0.000000 -5312577.860 0.000

L6.Precip. horaria 4.577205 0.000006 757639.876 0.000

L6.Temp. prom aire 0.384265 0.000000 7329905.065 0.000

L7.Conduct -0.861714 0.000000 -3637093.117 0.000

L7.Water 1.208932 0.000000 3873350.224 0.000

L7.Temp -0.290191 0.000000 -7740482.773 0.000

L7.Precip. horaria -9.568819 0.000007 -1377967.404 0.000

L7.Temp. prom aire 0.509017 0.000000 4375886.862 0.000

L8.Conduct 0.010625 0.000000 80831.794 0.000

L8.Water -0.608050 0.000000 -3613767.384 0.000

L8.Temp -0.545947 0.000000 -22003283.261 0.000

L8.Precip. horaria -7.873140 0.000005 -1559128.354 0.000

L8.Temp. prom aire 0.447233 0.000000 3970811.515 0.000

L9.Conduct 0.929079 0.000000 2867262.429 0.000

L9.Water -0.847092 0.000000 -2669018.091 0.000

L9.Temp -0.095458 0.000000 -1178641.846 0.000

L9.Precip. horaria -2.047388 0.000003 -605375.093 0.000

L9.Temp. prom aire 0.311995 0.000000 3436289.078 0.000

L10.Conduct -0.483289 0.000000 -1465258.589 0.000

L10.Water 0.528153 0.000000 2293619.329 0.000

L10.Temp -0.427385 0.000000 -2464833.484 0.000

L10.Precip. horaria -0.528540 0.000002 -233766.132 0.000

L10.Temp. prom aire 0.303806 0.000000 5708637.295 0.000

L11.Conduct 0.536420 0.000000 22580567.561 0.000

L11.Water -0.564527 0.000000 -16513993.138 0.000

L11.Temp 0.041807 0.000000 648451.793 0.000

L11.Precip. horaria 3.331191 0.000006 593367.745 0.000

L11.Temp. prom aire 0.764450 0.000000 4679008.588 0.000

L12.Conduct -0.143093 0.000000 -1764794.522 0.000

L12.Water 0.298532 0.000000 7649657.804 0.000

L12.Temp 0.100324 0.000000 1611942.253 0.000

L12.Precip. horaria 7.918258 0.000004 1992199.861 0.000

L12.Temp. prom aire 0.721653 0.000000 4429270.765 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const -17.443845 0.000006 -2986246.108 0.000

L1.Conduct -1.381606 0.000001 -1470714.655 0.000

L1.Water 1.168487 0.000000 3211462.579 0.000

L1.Temp -0.515731 0.000000 -1347411.952 0.000

L1.Precip. horaria -8.089350 0.000011 -750108.661 0.000

L1.Temp. prom aire 0.658602 0.000000 1411029.578 0.000

L2.Conduct -0.404227 0.000002 -212144.765 0.000

L2.Water 0.683454 0.000001 601484.434 0.000

L2.Temp 0.524902 0.000000 2027623.953 0.000

L2.Precip. horaria -6.255690 0.000002 -2781365.874 0.000

L2.Temp. prom aire 0.008130 0.000000 29282.001 0.000

L3.Conduct -0.608899 0.000000 -1412919.041 0.000

L3.Water 0.674726 0.000000 1502785.601 0.000

L3.Temp -1.007104 0.000000 -46547322.850 0.000

L3.Precip. horaria -18.972167 0.000007 -2893615.504 0.000

L3.Temp. prom aire 0.340974 0.000000 1120410.335 0.000

L4.Conduct -0.413731 0.000001 -356915.709 0.000

L4.Water 0.269117 0.000001 182542.480 0.000

L4.Temp -0.836731 0.000001 -948092.624 0.000

L4.Precip. horaria -5.795908 0.000012 -494156.812 0.000

L4.Temp. prom aire 1.000829 0.000000 2533591.489 0.000

L5.Conduct 0.811800 0.000000 2383265.403 0.000

L5.Water -1.081398 0.000001 -1555513.906 0.000

L5.Temp 0.125835 0.000000 1232784.186 0.000

L5.Precip. horaria 6.946503 0.000006 1083341.864 0.000

L5.Temp. prom aire 0.657056 0.000000 1951801.480 0.000

L6.Conduct 0.072618 0.000002 42877.472 0.000

L6.Water -0.633332 0.000003 -234248.554 0.000

L6.Temp -0.483736 0.000000 -2646307.026 0.000

L6.Precip. horaria -3.144326 0.000016 -195535.205 0.000

L6.Temp. prom aire 0.427802 0.000000 3065810.958 0.000

L7.Conduct -2.186746 0.000001 -3467564.184 0.000

L7.Water 3.067016 0.000001 3691780.935 0.000

L7.Temp -0.270167 0.000000 -2707389.657 0.000

L7.Precip. horaria -7.016725 0.000018 -379620.780 0.000

L7.Temp. prom aire 0.622284 0.000000 2009822.636 0.000

L8.Conduct 2.675983 0.000000 7648217.125 0.000

L8.Water -3.848281 0.000000 -8592555.955 0.000

L8.Temp -0.233210 0.000000 -3531166.072 0.000

L8.Precip. horaria -14.609273 0.000013 -1086919.621 0.000

L8.Temp. prom aire 0.561298 0.000000 1872294.217 0.000

L9.Conduct -1.598282 0.000001 -1853118.680 0.000

L9.Water 2.040623 0.000001 2415564.143 0.000

L9.Temp -0.352767 0.000000 -1636414.747 0.000

L9.Precip. horaria 5.510266 0.000009 612113.404 0.000

L9.Temp. prom aire 0.337821 0.000000 1397857.257 0.000

L10.Conduct 1.508966 0.000001 1718784.619 0.000

L10.Water -1.099284 0.000001 -1793522.644 0.000

L10.Temp -0.397929 0.000000 -862200.997 0.000

L10.Precip. horaria -10.516429 0.000006 -1747457.157 0.000

L10.Temp. prom aire 0.433891 0.000000 3063030.543 0.000

L11.Conduct -0.534508 0.000000 -8453164.982 0.000

L11.Water 0.572909 0.000000 6296338.541 0.000

L11.Temp -0.156041 0.000000 -909279.113 0.000

L11.Precip. horaria 6.702113 0.000015 448508.822 0.000

L11.Temp. prom aire 0.988784 0.000000 2273744.035 0.000

L12.Conduct 0.726355 0.000000 3365572.089 0.000

L12.Water -0.544750 0.000000 -5244254.535 0.000

L12.Temp -0.051667 0.000000 -311882.730 0.000

L12.Precip. horaria 9.715412 0.000011 918331.315 0.000

L12.Temp. prom aire 0.968355 0.000000 2232921.214 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 44.848385 0.000015 3080059.812 0.000

L1.Conduct -1.706272 0.000002 -728654.132 0.000

L1.Water 1.359838 0.000001 1499323.005 0.000

L1.Temp -0.452707 0.000001 -474485.598 0.000

L1.Precip. horaria -10.110136 0.000027 -376094.140 0.000

L1.Temp. prom aire -0.398340 0.000001 -342370.004 0.000

L2.Conduct 2.058597 0.000005 433417.953 0.000

L2.Water -1.314161 0.000003 -463972.988 0.000

L2.Temp 0.280367 0.000001 434474.486 0.000

L2.Precip. horaria -14.061789 0.000006 -2508143.947 0.000

L2.Temp. prom aire -0.228665 0.000001 -330397.651 0.000

L3.Conduct -2.343844 0.000001 -2181874.209 0.000

L3.Water 2.499135 0.000001 2232996.817 0.000

L3.Temp -0.463808 0.000000 -8599778.843 0.000

L3.Precip. horaria -6.645599 0.000016 -406618.389 0.000

L3.Temp. prom aire -0.316476 0.000001 -417182.219 0.000

L4.Conduct 2.636529 0.000003 912450.545 0.000

L4.Water -0.661495 0.000004 -180002.524 0.000

L4.Temp 2.399378 0.000002 1090668.063 0.000

L4.Precip. horaria -13.269926 0.000029 -453879.731 0.000

L4.Temp. prom aire -0.906721 0.000001 -920829.615 0.000

L5.Conduct 5.032587 0.000001 5927117.662 0.000

L5.Water -4.156642 0.000002 -2398612.501 0.000

L5.Temp 0.391307 0.000000 1537916.208 0.000

L5.Precip. horaria 18.644923 0.000016 1166511.052 0.000

L5.Temp. prom aire -1.315148 0.000001 -1567244.667 0.000

L6.Conduct -3.044068 0.000004 -721057.943 0.000

L6.Water 5.512114 0.000007 817885.285 0.000

L6.Temp 0.634508 0.000000 1392508.320 0.000

L6.Precip. horaria -19.196702 0.000040 -478908.939 0.000

L6.Temp. prom aire -0.785248 0.000000 -2257556.775 0.000

L7.Conduct 2.248251 0.000002 1430210.226 0.000

L7.Water -3.613833 0.000002 -1745085.966 0.000

L7.Temp 1.320666 0.000000 5309340.116 0.000

L7.Precip. horaria -11.505328 0.000046 -249714.344 0.000

L7.Temp. prom aire -0.898888 0.000001 -1164671.650 0.000

L8.Conduct 0.893379 0.000001 1024333.761 0.000

L8.Water -2.333982 0.000001 -2090653.230 0.000

L8.Temp 1.310077 0.000000 7957881.803 0.000

L8.Precip. horaria -46.465531 0.000034 -1386847.485 0.000

L8.Temp. prom aire -0.850423 0.000001 -1138006.869 0.000

L9.Conduct -5.069870 0.000002 -2358173.204 0.000

L9.Water 5.028060 0.000002 2387729.607 0.000

L9.Temp -0.262242 0.000001 -488018.338 0.000

L9.Precip. horaria -52.939153 0.000022 -2359203.013 0.000

L9.Temp. prom aire -0.749336 0.000001 -1243891.079 0.000

L10.Conduct 0.483575 0.000002 220970.880 0.000

L10.Water -0.377796 0.000002 -247276.816 0.000

L10.Temp 0.664157 0.000001 577301.890 0.000

L10.Precip. horaria -84.085036 0.000015 -5605133.132 0.000

L10.Temp. prom aire -0.547068 0.000000 -1549320.202 0.000

L11.Conduct -3.546145 0.000000 -22498345.060 0.000

L11.Water 2.737997 0.000000 12071577.534 0.000

L11.Temp -1.167459 0.000000 -2729162.542 0.000

L11.Precip. horaria -45.827451 0.000037 -1230308.246 0.000

L11.Temp. prom aire -0.814115 0.000001 -751025.333 0.000

L12.Conduct 1.871092 0.000001 3478036.884 0.000

L12.Water -2.074737 0.000000 -8012692.054 0.000

L12.Temp -0.552280 0.000000 -1337426.943 0.000

L12.Precip. horaria -46.002415 0.000026 -1744406.882 0.000

L12.Temp. prom aire -0.195042 0.000001 -180424.958 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.276699 0.000000 2278433.644 0.000

L1.Conduct -0.144515 0.000000 -7399521.752 0.000

L1.Water 0.113137 0.000000 14956455.826 0.000

L1.Temp -0.065820 0.000000 -8271433.727 0.000

L1.Precip. horaria -0.318099 0.000000 -1418792.052 0.000

L1.Temp. prom aire -0.006938 0.000000 -715018.891 0.000

L2.Conduct 0.071408 0.000000 1802595.105 0.000

L2.Water -0.082311 0.000000 -3484329.370 0.000

L2.Temp 0.030169 0.000000 5605493.172 0.000

L2.Precip. horaria -1.115899 0.000000 -23864549.456 0.000

L2.Temp. prom aire 0.010139 0.000000 1756461.300 0.000

L3.Conduct -0.078956 0.000000 -8812521.419 0.000

L3.Water 0.094261 0.000000 10098220.136 0.000

L3.Temp -0.076266 0.000000 -169550654.750 0.000

L3.Precip. horaria -0.308114 0.000000 -2260374.905 0.000

L3.Temp. prom aire 0.021938 0.000000 3467322.733 0.000

L4.Conduct 0.035726 0.000000 1482427.129 0.000

L4.Water 0.056142 0.000000 1831722.008 0.000

L4.Temp 0.071939 0.000000 3920821.249 0.000

L4.Precip. horaria -1.312581 0.000000 -5382883.168 0.000

L4.Temp. prom aire 0.001724 0.000000 209875.933 0.000

L5.Conduct 0.140235 0.000000 19802804.968 0.000

L5.Water -0.139844 0.000000 -9675610.493 0.000

L5.Temp 0.005027 0.000000 2369058.131 0.000

L5.Precip. horaria 0.264286 0.000000 1982525.740 0.000

L5.Temp. prom aire -0.019834 0.000000 -2833880.415 0.000

L6.Conduct 0.063442 0.000000 1801825.225 0.000

L6.Water -0.004554 0.000000 -81017.775 0.000

L6.Temp 0.011773 0.000000 3097781.941 0.000

L6.Precip. horaria -0.005156 0.000000 -15422.773 0.000

L6.Temp. prom aire -0.000004 0.000000 -1370.025 0.000

L7.Conduct -0.154620 0.000000 -11793338.136 0.000

L7.Water 0.166743 0.000000 9654122.427 0.000

L7.Temp 0.003375 0.000000 1626721.236 0.000

L7.Precip. horaria -0.165252 0.000000 -430039.455 0.000

L7.Temp. prom aire -0.009715 0.000000 -1509227.591 0.000

L8.Conduct 0.285359 0.000000 39229593.330 0.000

L8.Water -0.368719 0.000000 -39600177.901 0.000

L8.Temp 0.061736 0.000000 44962980.034 0.000

L8.Precip. horaria -2.424604 0.000000 -8676711.788 0.000

L8.Temp. prom aire -0.007906 0.000000 -1268551.917 0.000

L9.Conduct -0.313056 0.000000 -17458927.549 0.000

L9.Water 0.309863 0.000000 17642930.983 0.000

L9.Temp -0.033608 0.000000 -7498821.349 0.000

L9.Precip. horaria -1.113361 0.000000 -5948957.119 0.000

L9.Temp. prom aire -0.009864 0.000000 -1963198.201 0.000

L10.Conduct 0.059597 0.000000 3265238.136 0.000

L10.Water -0.067244 0.000000 -5277087.903 0.000

L10.Temp 0.007234 0.000000 753886.018 0.000

L10.Precip. horaria -3.306046 0.000000 -26423646.294 0.000

L10.Temp. prom aire 0.017377 0.000000 5900581.555 0.000

L11.Conduct -0.073934 0.000000 -56241469.613 0.000

L11.Water 0.075991 0.000000 40170589.600 0.000

L11.Temp -0.018370 0.000000 -5148949.173 0.000

L11.Precip. horaria -0.378803 0.000000 -1219320.642 0.000

L11.Temp. prom aire 0.014991 0.000000 1658138.794 0.000

L12.Conduct 0.074243 0.000000 16546763.185 0.000

L12.Water -0.041208 0.000000 -19081703.276 0.000

L12.Temp -0.006509 0.000000 -1890029.522 0.000

L12.Precip. horaria -1.966970 0.000000 -8942964.797 0.000

L12.Temp. prom aire -0.025766 0.000000 -2857822.209 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 39.603240 0.000011 3514623.154 0.000

L1.Conduct -0.802810 0.000002 -443018.126 0.000

L1.Water 1.105397 0.000001 1574932.370 0.000

L1.Temp -1.586784 0.000001 -2149112.891 0.000

L1.Precip. horaria -21.755213 0.000021 -1045775.802 0.000

L1.Temp. prom aire -0.066961 0.000001 -74370.575 0.000

L2.Conduct -0.026224 0.000004 -7134.566 0.000

L2.Water -0.641002 0.000002 -292441.572 0.000

L2.Temp 1.588288 0.000000 3180553.484 0.000

L2.Precip. horaria -23.651984 0.000004 -5451489.436 0.000

L2.Temp. prom aire -0.838170 0.000001 -1564969.441 0.000

L3.Conduct -0.513838 0.000001 -618105.818 0.000

L3.Water 1.760025 0.000001 2032136.947 0.000

L3.Temp -1.070822 0.000000 -25656771.918 0.000

L3.Precip. horaria 3.710385 0.000013 293364.479 0.000

L3.Temp. prom aire -0.516388 0.000001 -879624.831 0.000

L4.Conduct 0.364912 0.000002 163192.540 0.000

L4.Water 1.042481 0.000003 366569.113 0.000

L4.Temp 1.248251 0.000002 733214.945 0.000

L4.Precip. horaria -22.502794 0.000023 -994590.790 0.000

L4.Temp. prom aire -0.383318 0.000001 -503037.670 0.000

L5.Conduct 5.806947 0.000001 8837629.845 0.000

L5.Water -4.336589 0.000001 -3233712.785 0.000

L5.Temp 1.702179 0.000000 8644823.678 0.000

L5.Precip. horaria -21.830426 0.000012 -1764924.721 0.000

L5.Temp. prom aire -0.804570 0.000001 -1238972.111 0.000

L6.Conduct 0.457520 0.000003 140043.209 0.000

L6.Water 0.288810 0.000005 55376.143 0.000

L6.Temp -0.169925 0.000000 -481897.044 0.000

L6.Precip. horaria 14.203608 0.000031 457889.496 0.000

L6.Temp. prom aire -0.887306 0.000000 -3296405.498 0.000

L7.Conduct -8.574157 0.000001 -7048264.961 0.000

L7.Water 10.454944 0.000002 6523883.751 0.000

L7.Temp 0.963941 0.000000 5007645.647 0.000

L7.Precip. horaria -32.645092 0.000036 -915583.781 0.000

L7.Temp. prom aire -0.658439 0.000001 -1102424.609 0.000

L8.Conduct 12.743657 0.000001 18881459.590 0.000

L8.Water -16.819384 0.000001 -19468404.026 0.000

L8.Temp 1.488522 0.000000 11683998.928 0.000

L8.Precip. horaria -84.656814 0.000026 -3265092.026 0.000

L8.Temp. prom aire -0.645517 0.000001 -1116228.915 0.000

L9.Conduct -9.781418 0.000002 -5879175.076 0.000

L9.Water 10.854567 0.000002 6660899.906 0.000

L9.Temp -0.355444 0.000000 -854755.038 0.000

L9.Precip. horaria -53.907834 0.000017 -3104387.404 0.000

L9.Temp. prom aire -0.770366 0.000000 -1652488.687 0.000

L10.Conduct 0.057318 0.000002 33845.241 0.000

L10.Water -1.225414 0.000001 -1036440.624 0.000

L10.Temp -0.287329 0.000001 -322735.837 0.000

L10.Precip. horaria -85.520147 0.000012 -7366672.524 0.000

L10.Temp. prom aire -0.645106 0.000000 -2360841.169 0.000

L11.Conduct -1.641447 0.000000 -13457263.825 0.000

L11.Water 1.068630 0.000000 6088270.788 0.000

L11.Temp -0.193440 0.000000 -584346.826 0.000

L11.Precip. horaria -43.731743 0.000029 -1517122.770 0.000

L11.Temp. prom aire 0.029255 0.000001 34874.097 0.000

L12.Conduct 2.598837 0.000000 6242432.910 0.000

L12.Water -1.036412 0.000000 -5172295.467 0.000

L12.Temp -0.576850 0.000000 -1805132.591 0.000

L12.Precip. horaria -55.293573 0.000020 -2709427.423 0.000

L12.Temp. prom aire 0.072477 0.000001 86636.541 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.961336 -0.869246 -0.553516 -0.834139

Water 0.961336 1.000000 -0.945427 -0.640265 -0.918159

Temp -0.869246 -0.945427 1.000000 0.802978 0.983656

Precip. horaria -0.553516 -0.640265 0.802978 1.000000 0.841808

Temp. prom aire -0.834139 -0.918159 0.983656 0.841808 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -270.833

Nobs: 59.0000 HQIC: -277.381

Log likelihood: 8192.82 FPE: -1.30316e-118

AIC: -281.573 Det(Omega\_mle): -3.74415e-120

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.957033 NAN NAN NAN

L1.Conduct 1.533813 0.000000 7027591.182 0.000

L1.Water -6.332212 0.000001 -8129297.029 0.000

L1.Temp -1.011025 NAN NAN NAN

L1.Precip. horaria 71.824859 NAN NAN NAN

L1.Temp. prom aire 0.160339 0.000001 241304.754 0.000

L2.Conduct -0.195803 0.000000 -3339606.891 0.000

L2.Water 2.915716 NAN NAN NAN

L2.Temp 1.193401 0.000000 10336675.380 0.000

L2.Precip. horaria 16.651670 0.000006 2568832.945 0.000

L2.Temp. prom aire -1.455782 0.000001 -2709843.512 0.000

L3.Conduct 0.122759 0.000000 1198784.024 0.000

L3.Water -0.961780 0.000000 -4627648.553 0.000

L3.Temp -1.497565 0.000000 -37409426.455 0.000

L3.Precip. horaria -17.883599 NAN NAN NAN

L3.Temp. prom aire -0.521772 0.000000 -2226073.941 0.000

L4.Conduct 1.136627 NAN NAN NAN

L4.Water -1.518029 0.000001 -1377008.706 0.000

L4.Temp -0.436386 0.000001 -801305.499 0.000

L4.Precip. horaria -0.591078 0.000009 -62319.578 0.000

L4.Temp. prom aire 0.377031 NAN NAN NAN

L5.Conduct -0.349070 NAN NAN NAN

L5.Water 1.409784 NAN NAN NAN

L5.Temp 2.100493 0.000000 11266747.378 0.000

L5.Precip. horaria 34.552932 0.000003 10509320.832 0.000

L5.Temp. prom aire -0.601353 0.000000 -2386730.561 0.000

L6.Conduct 0.372199 0.000000 7337159.642 0.000

L6.Water -2.211053 0.000000 -18492109.295 0.000

L6.Temp 0.138005 NAN NAN NAN

L6.Precip. horaria 9.880495 NAN NAN NAN

L6.Temp. prom aire -1.242147 0.000000 -87087128.778 0.000

L7.Conduct -0.591376 NAN NAN NAN

L7.Water 6.197847 NAN NAN NAN

L7.Temp 0.739444 NAN NAN NAN

L7.Precip. horaria 23.127377 NAN NAN NAN

L7.Temp. prom aire -0.420675 0.000000 -3416814.315 0.000

L8.Conduct 0.098834 0.000000 512160.544 0.000

L8.Water -4.085408 0.000000 -14781148.317 0.000

L8.Temp 0.463862 NAN NAN NAN

L8.Precip. horaria 34.288824 0.000010 3415221.480 0.000

L8.Temp. prom aire -0.997920 0.000000 -2716329.145 0.000

L9.Conduct 1.993113 0.000001 3587604.069 0.000

L9.Water -3.919831 0.000002 -2559661.129 0.000

L9.Temp 0.840806 NAN NAN NAN

L9.Precip. horaria 23.354002 0.000011 2129730.874 0.000

L9.Temp. prom aire -1.030690 0.000000 -3313704.064 0.000

L10.Conduct -1.433413 NAN NAN NAN

L10.Water 5.791398 NAN NAN NAN

L10.Temp 0.071108 0.000000 145696.822 0.000

L10.Precip. horaria 10.010473 0.000010 962109.151 0.000

L10.Temp. prom aire -0.371209 NAN NAN NAN

L11.Conduct 0.477523 NAN NAN NAN

L11.Water -0.771604 0.000001 -920280.013 0.000

L11.Temp 1.132834 NAN NAN NAN

L11.Precip. horaria -28.328951 0.000008 -3488742.051 0.000

L11.Temp. prom aire 0.682553 NAN NAN NAN

L12.Conduct 0.611499 NAN NAN NAN

L12.Water -1.986188 NAN NAN NAN

L12.Temp -0.727689 NAN NAN NAN

L12.Precip. horaria 22.584364 NAN NAN NAN

L12.Temp. prom aire 0.761039 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 9.060320 NAN NAN NAN

L1.Conduct 0.149893 0.000000 2134349.119 0.000

L1.Water -0.185098 0.000000 -738498.709 0.000

L1.Temp 0.010494 NAN NAN NAN

L1.Precip. horaria 14.998096 NAN NAN NAN

L1.Temp. prom aire -0.072393 0.000000 -338591.085 0.000

L2.Conduct 0.030313 0.000000 1606800.261 0.000

L2.Water 0.024579 NAN NAN NAN

L2.Temp 0.149063 0.000000 4012501.682 0.000

L2.Precip. horaria 0.520159 0.000002 249381.368 0.000

L2.Temp. prom aire -0.247425 0.000000 -1431334.475 0.000

L3.Conduct 0.042413 0.000000 1287176.703 0.000

L3.Water 0.615260 0.000000 9200118.614 0.000

L3.Temp -0.155018 0.000000 -12034491.318 0.000

L3.Precip. horaria -4.583828 NAN NAN NAN

L3.Temp. prom aire -0.254767 0.000000 -3377943.391 0.000

L4.Conduct 0.071513 NAN NAN NAN

L4.Water -0.523932 0.000000 -1477003.089 0.000

L4.Temp 0.021877 0.000000 124845.912 0.000

L4.Precip. horaria 2.212602 0.000003 724990.690 0.000

L4.Temp. prom aire -0.095730 NAN NAN NAN

L5.Conduct 0.127148 NAN NAN NAN

L5.Water -0.152573 NAN NAN NAN

L5.Temp 0.279121 0.000000 4652856.332 0.000

L5.Precip. horaria 7.156005 0.000001 6764102.539 0.000

L5.Temp. prom aire -0.218969 0.000000 -2700888.587 0.000

L6.Conduct -0.338184 0.000000 -20718403.858 0.000

L6.Water 1.145384 0.000000 29770640.124 0.000

L6.Temp 0.097367 NAN NAN NAN

L6.Precip. horaria -0.771793 NAN NAN NAN

L6.Temp. prom aire -0.295477 0.000000 -64380504.524 0.000

L7.Conduct 0.159119 NAN NAN NAN

L7.Water 0.081567 NAN NAN NAN

L7.Temp 0.082014 NAN NAN NAN

L7.Precip. horaria -1.764371 NAN NAN NAN

L7.Temp. prom aire -0.280652 0.000000 -7084234.956 0.000

L8.Conduct 0.028639 0.000000 461219.513 0.000

L8.Water -0.892720 0.000000 -10037788.198 0.000

L8.Temp 0.130248 NAN NAN NAN

L8.Precip. horaria 2.895654 0.000003 896319.281 0.000

L8.Temp. prom aire -0.292672 0.000000 -2475811.355 0.000

L9.Conduct 0.242041 0.000000 1353978.344 0.000

L9.Water -0.790205 0.000000 -1603631.067 0.000

L9.Temp 0.033356 NAN NAN NAN

L9.Precip. horaria 6.209198 0.000004 1759740.873 0.000

L9.Temp. prom aire -0.289770 0.000000 -2895265.177 0.000

L10.Conduct -0.205809 NAN NAN NAN

L10.Water 1.008237 NAN NAN NAN

L10.Temp 0.184102 0.000000 1172305.607 0.000

L10.Precip. horaria -11.341005 0.000003 -3387435.714 0.000

L10.Temp. prom aire -0.180324 NAN NAN NAN

L11.Conduct 0.252702 NAN NAN NAN

L11.Water -0.445867 0.000000 -1652648.388 0.000

L11.Temp 0.185134 NAN NAN NAN

L11.Precip. horaria -2.259189 0.000003 -864650.866 0.000

L11.Temp. prom aire -0.066098 NAN NAN NAN

L12.Conduct 0.092526 NAN NAN NAN

L12.Water -0.146382 NAN NAN NAN

L12.Temp 0.084813 NAN NAN NAN

L12.Precip. horaria -7.475418 NAN NAN NAN

L12.Temp. prom aire 0.071266 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 14.155910 NAN NAN NAN

L1.Conduct -0.562407 0.000000 -3821811.523 0.000

L1.Water 3.938886 0.000001 7499902.280 0.000

L1.Temp 0.205981 NAN NAN NAN

L1.Precip. horaria -22.408262 NAN NAN NAN

L1.Temp. prom aire 0.424180 0.000000 946808.905 0.000

L2.Conduct 0.509792 0.000000 12895979.690 0.000

L2.Water -3.016444 NAN NAN NAN

L2.Temp -0.297296 0.000000 -3819159.832 0.000

L2.Precip. horaria -9.558792 0.000004 -2187085.382 0.000

L2.Temp. prom aire 1.225043 0.000000 3382079.881 0.000

L3.Conduct -0.098722 0.000000 -1429834.479 0.000

L3.Water 0.862499 0.000000 6154998.222 0.000

L3.Temp 0.465975 0.000000 17264048.311 0.000

L3.Precip. horaria -2.676041 NAN NAN NAN

L3.Temp. prom aire 0.778631 0.000000 4926913.345 0.000

L4.Conduct -0.931010 NAN NAN NAN

L4.Water 1.094722 0.000001 1472804.114 0.000

L4.Temp 0.152566 0.000000 415499.916 0.000

L4.Precip. horaria -12.959664 0.000006 -2026552.373 0.000

L4.Temp. prom aire 0.768996 NAN NAN NAN

L5.Conduct 1.114639 NAN NAN NAN

L5.Water -2.906172 NAN NAN NAN

L5.Temp -0.795654 0.000000 -6329750.112 0.000

L5.Precip. horaria -13.260331 0.000002 -5981757.066 0.000

L5.Temp. prom aire 0.780520 0.000000 4594544.912 0.000

L6.Conduct -1.049651 0.000000 -30688994.851 0.000

L6.Water 4.001569 0.000000 49636618.932 0.000

L6.Temp -0.130238 NAN NAN NAN

L6.Precip. horaria -35.999437 NAN NAN NAN

L6.Temp. prom aire 1.320910 0.000000 137353235.279 0.000

L7.Conduct 0.122993 NAN NAN NAN

L7.Water -1.467912 NAN NAN NAN

L7.Temp -0.275174 NAN NAN NAN

L7.Precip. horaria -22.403247 NAN NAN NAN

L7.Temp. prom aire 0.990071 0.000000 11926856.416 0.000

L8.Conduct 0.089972 0.000000 691497.078 0.000

L8.Water 0.613105 0.000000 3289972.629 0.000

L8.Temp -0.331316 NAN NAN NAN

L8.Precip. horaria -21.121166 0.000007 -3120102.216 0.000

L8.Temp. prom aire 1.258832 0.000000 5082049.705 0.000

L9.Conduct -1.506329 0.000000 -4021397.382 0.000

L9.Water 3.093189 0.000001 2995754.269 0.000

L9.Temp -1.415251 NAN NAN NAN

L9.Precip. horaria -13.573943 0.000007 -1835921.373 0.000

L9.Temp. prom aire 1.293370 0.000000 6167271.998 0.000

L10.Conduct -0.332906 NAN NAN NAN

L10.Water -0.331033 NAN NAN NAN

L10.Temp -0.971683 0.000000 -2952844.202 0.000

L10.Precip. horaria -33.759463 0.000007 -4812269.518 0.000

L10.Temp. prom aire 0.837057 NAN NAN NAN

L11.Conduct 0.424980 NAN NAN NAN

L11.Water -2.630091 0.000001 -4652440.673 0.000

L11.Temp -2.344213 NAN NAN NAN

L11.Precip. horaria 24.395099 0.000005 4455799.179 0.000

L11.Temp. prom aire 0.634589 NAN NAN NAN

L12.Conduct -0.520414 NAN NAN NAN

L12.Water 0.197153 NAN NAN NAN

L12.Temp -0.492288 NAN NAN NAN

L12.Precip. horaria -9.732937 NAN NAN NAN

L12.Temp. prom aire 1.358622 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.436360 NAN NAN NAN

L1.Conduct -0.010758 0.000000 -2936691.116 0.000

L1.Water 0.092204 0.000000 7052497.190 0.000

L1.Temp -0.000456 NAN NAN NAN

L1.Precip. horaria -0.046247 NAN NAN NAN

L1.Temp. prom aire -0.019635 0.000000 -1760618.209 0.000

L2.Conduct 0.007767 0.000000 7892729.934 0.000

L2.Water -0.056486 NAN NAN NAN

L2.Temp -0.009837 0.000000 -5076232.769 0.000

L2.Precip. horaria -0.801815 0.000000 -7369680.779 0.000

L2.Temp. prom aire 0.020596 0.000000 2284178.912 0.000

L3.Conduct -0.026930 0.000000 -15668218.669 0.000

L3.Water 0.127369 0.000000 36512693.519 0.000

L3.Temp -0.000373 0.000000 -555202.266 0.000

L3.Precip. horaria -0.436037 NAN NAN NAN

L3.Temp. prom aire 0.042921 0.000000 10910054.714 0.000

L4.Conduct -0.027757 NAN NAN NAN

L4.Water 0.001289 0.000000 69688.280 0.000

L4.Temp 0.007101 0.000000 776859.066 0.000

L4.Precip. horaria 0.361273 0.000000 2269401.254 0.000

L4.Temp. prom aire 0.008104 NAN NAN NAN

L5.Conduct 0.026382 NAN NAN NAN

L5.Water -0.076900 NAN NAN NAN

L5.Temp -0.017060 0.000000 -5452095.748 0.000

L5.Precip. horaria 0.404030 0.000000 7321495.364 0.000

L5.Temp. prom aire 0.013498 0.000000 3191778.094 0.000

L6.Conduct -0.016104 0.000000 -18914085.694 0.000

L6.Water -0.036450 0.000000 -18162634.992 0.000

L6.Temp -0.028752 NAN NAN NAN

L6.Precip. horaria 0.120657 NAN NAN NAN

L6.Temp. prom aire 0.026864 0.000000 112212822.427 0.000

L7.Conduct 0.013259 NAN NAN NAN

L7.Water -0.029010 NAN NAN NAN

L7.Temp -0.024284 NAN NAN NAN

L7.Precip. horaria -0.771185 NAN NAN NAN

L7.Temp. prom aire 0.020262 0.000000 9805229.790 0.000

L8.Conduct -0.010605 0.000000 -3274082.517 0.000

L8.Water 0.032774 0.000000 7064702.390 0.000

L8.Temp -0.004847 NAN NAN NAN

L8.Precip. horaria -0.612582 0.000000 -3635187.647 0.000

L8.Temp. prom aire 0.012946 0.000000 2099569.405 0.000

L9.Conduct 0.021823 0.000000 2340333.309 0.000

L9.Water -0.041536 0.000000 -1615983.320 0.000

L9.Temp -0.011946 NAN NAN NAN

L9.Precip. horaria -0.372277 0.000000 -2022674.658 0.000

L9.Temp. prom aire 0.028346 0.000000 5429738.068 0.000

L10.Conduct -0.032038 NAN NAN NAN

L10.Water 0.087526 NAN NAN NAN

L10.Temp -0.019545 0.000000 -2385907.404 0.000

L10.Precip. horaria -0.367813 0.000000 -2106167.420 0.000

L10.Temp. prom aire 0.044515 NAN NAN NAN

L11.Conduct -0.010865 NAN NAN NAN

L11.Water 0.017686 0.000000 1256779.497 0.000

L11.Temp -0.018497 NAN NAN NAN

L11.Precip. horaria 1.088054 0.000000 7983348.742 0.000

L11.Temp. prom aire 0.030339 NAN NAN NAN

L12.Conduct -0.001603 NAN NAN NAN

L12.Water -0.020815 NAN NAN NAN

L12.Temp -0.005233 NAN NAN NAN

L12.Precip. horaria -0.383884 NAN NAN NAN

L12.Temp. prom aire -0.027023 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -5.760558 NAN NAN NAN

L1.Conduct 0.177523 0.000000 2519188.405 0.000

L1.Water -0.290479 0.000000 -1155007.616 0.000

L1.Temp -0.188251 NAN NAN NAN

L1.Precip. horaria -12.416617 NAN NAN NAN

L1.Temp. prom aire -0.127972 0.000000 -596507.704 0.000

L2.Conduct -0.010143 0.000000 -535790.767 0.000

L2.Water 1.107401 NAN NAN NAN

L2.Temp 0.146439 0.000000 3928471.516 0.000

L2.Precip. horaria -7.280333 0.000002 -3478575.686 0.000

L2.Temp. prom aire 0.265203 0.000000 1528966.561 0.000

L3.Conduct -0.624315 0.000000 -18882664.435 0.000

L3.Water 2.230788 0.000000 33244143.263 0.000

L3.Temp 0.623587 0.000000 48246358.808 0.000

L3.Precip. horaria -18.581237 NAN NAN NAN

L3.Temp. prom aire 0.361300 0.000000 4774176.362 0.000

L4.Conduct 0.135512 NAN NAN NAN

L4.Water -0.986800 0.000000 -2772414.537 0.000

L4.Temp -0.179204 0.000000 -1019170.860 0.000

L4.Precip. horaria 12.790993 0.000003 4176916.814 0.000

L4.Temp. prom aire 0.048967 NAN NAN NAN

L5.Conduct 0.017746 NAN NAN NAN

L5.Water -0.731619 NAN NAN NAN

L5.Temp 0.107272 0.000000 1782114.997 0.000

L5.Precip. horaria 12.811564 0.000001 12068799.295 0.000

L5.Temp. prom aire 0.240643 0.000000 2958146.707 0.000

L6.Conduct 0.045375 0.000000 2770374.078 0.000

L6.Water -2.167008 0.000000 -56133214.300 0.000

L6.Temp -0.726151 NAN NAN NAN

L6.Precip. horaria 0.762427 NAN NAN NAN

L6.Temp. prom aire 0.080432 0.000000 17465525.805 0.000

L7.Conduct 0.083851 NAN NAN NAN

L7.Water 1.149219 NAN NAN NAN

L7.Temp 0.302109 NAN NAN NAN

L7.Precip. horaria -21.088501 NAN NAN NAN

L7.Temp. prom aire 0.104745 0.000000 2635006.904 0.000

L8.Conduct 0.625305 0.000000 10036043.141 0.000

L8.Water -1.903203 0.000000 -21327016.744 0.000

L8.Temp -0.083334 NAN NAN NAN

L8.Precip. horaria -10.875419 0.000003 -3354937.384 0.000

L8.Temp. prom aire 0.234458 0.000000 1976618.209 0.000

L9.Conduct -0.144481 0.000000 -805479.797 0.000

L9.Water 1.876190 0.000000 3794582.598 0.000

L9.Temp 0.608947 NAN NAN NAN

L9.Precip. horaria -15.756069 0.000004 -4450240.053 0.000

L9.Temp. prom aire 0.746328 0.000000 7431696.426 0.000

L10.Conduct -0.828052 NAN NAN NAN

L10.Water 2.217954 NAN NAN NAN

L10.Temp -0.513786 0.000000 -3260510.230 0.000

L10.Precip. horaria 7.875182 0.000003 2344242.286 0.000

L10.Temp. prom aire 0.264729 NAN NAN NAN

L11.Conduct -0.121902 NAN NAN NAN

L11.Water -0.292363 0.000000 -1079989.858 0.000

L11.Temp -0.848410 NAN NAN NAN

L11.Precip. horaria -2.906065 0.000003 -1108449.172 0.000

L11.Temp. prom aire 0.488836 NAN NAN NAN

L12.Conduct 0.042849 NAN NAN NAN

L12.Water -0.924544 NAN NAN NAN

L12.Temp -0.407583 NAN NAN NAN

L12.Precip. horaria 20.822061 NAN NAN NAN

L12.Temp. prom aire 0.336769 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.451295 -0.449701 -0.040647 -0.477953

Water 0.451295 1.000000 0.525302 0.783987 -0.856579

Temp -0.449701 0.525302 1.000000 0.818670 -0.427559

Precip. horaria -0.040647 0.783987 0.818670 1.000000 -0.548272

Temp. prom aire -0.477953 -0.856579 -0.427559 -0.548272 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -273.037

Nobs: 59.0000 HQIC: -279.584

Log likelihood: 8257.83 FPE: -1.43838e-119

AIC: -283.777 Det(Omega\_mle): -4.13264e-121

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 7.811599 NAN NAN NAN

L1.Conduct 0.013176 NAN NAN NAN

L1.Water -2.024430 NAN NAN NAN

L1.Temp -2.454556 NAN NAN NAN

L1.Precip. horaria 52.548877 NAN NAN NAN

L1.Temp. prom aire 1.591983 NAN NAN NAN

L2.Conduct -0.065845 NAN NAN NAN

L2.Water 1.525775 NAN NAN NAN

L2.Temp -0.237195 NAN NAN NAN

L2.Precip. horaria 67.892462 NAN NAN NAN

L2.Temp. prom aire 0.457201 NAN NAN NAN

L3.Conduct 1.755034 NAN NAN NAN

L3.Water -4.629667 NAN NAN NAN

L3.Temp 0.908096 NAN NAN NAN

L3.Precip. horaria 2.810194 NAN NAN NAN

L3.Temp. prom aire -1.109612 NAN NAN NAN

L4.Conduct 1.935223 NAN NAN NAN

L4.Water -5.294244 NAN NAN NAN

L4.Temp -1.103475 NAN NAN NAN

L4.Precip. horaria 67.981032 NAN NAN NAN

L4.Temp. prom aire -1.532924 NAN NAN NAN

L5.Conduct 0.196032 NAN NAN NAN

L5.Water 0.000990 NAN NAN NAN

L5.Temp 0.911100 NAN NAN NAN

L5.Precip. horaria 62.392042 NAN NAN NAN

L5.Temp. prom aire -1.348925 NAN NAN NAN

L6.Conduct 1.566529 NAN NAN NAN

L6.Water -7.467079 NAN NAN NAN

L6.Temp 1.073898 NAN NAN NAN

L6.Precip. horaria 13.497805 NAN NAN NAN

L6.Temp. prom aire -2.090056 NAN NAN NAN

L7.Conduct -1.031501 NAN NAN NAN

L7.Water 4.900940 NAN NAN NAN

L7.Temp 2.038584 NAN NAN NAN

L7.Precip. horaria 51.525341 NAN NAN NAN

L7.Temp. prom aire -1.777035 NAN NAN NAN

L8.Conduct -2.084650 NAN NAN NAN

L8.Water 8.523301 NAN NAN NAN

L8.Temp 1.586815 NAN NAN NAN

L8.Precip. horaria 14.206656 NAN NAN NAN

L8.Temp. prom aire -1.480401 NAN NAN NAN

L9.Conduct 1.715225 NAN NAN NAN

L9.Water -1.025105 NAN NAN NAN

L9.Temp 2.245426 NAN NAN NAN

L9.Precip. horaria -21.781529 NAN NAN NAN

L9.Temp. prom aire -1.598700 NAN NAN NAN

L10.Conduct 2.562720 NAN NAN NAN

L10.Water -3.904574 NAN NAN NAN

L10.Temp 0.113272 NAN NAN NAN

L10.Precip. horaria 7.901085 NAN NAN NAN

L10.Temp. prom aire -1.984889 NAN NAN NAN

L11.Conduct -0.560021 NAN NAN NAN

L11.Water 2.188249 NAN NAN NAN

L11.Temp 1.258545 NAN NAN NAN

L11.Precip. horaria 40.881157 NAN NAN NAN

L11.Temp. prom aire -0.336265 NAN NAN NAN

L12.Conduct 0.051993 NAN NAN NAN

L12.Water -1.341305 NAN NAN NAN

L12.Temp 0.602079 NAN NAN NAN

L12.Precip. horaria 87.428912 NAN NAN NAN

L12.Temp. prom aire -0.206317 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 1.595399 NAN NAN NAN

L1.Conduct -0.288836 NAN NAN NAN

L1.Water 0.060968 NAN NAN NAN

L1.Temp -0.579454 NAN NAN NAN

L1.Precip. horaria 19.012126 NAN NAN NAN

L1.Temp. prom aire 0.370173 NAN NAN NAN

L2.Conduct 0.336159 NAN NAN NAN

L2.Water -0.254668 NAN NAN NAN

L2.Temp -0.340113 NAN NAN NAN

L2.Precip. horaria 23.753823 NAN NAN NAN

L2.Temp. prom aire 0.316817 NAN NAN NAN

L3.Conduct -0.056365 NAN NAN NAN

L3.Water 0.248368 NAN NAN NAN

L3.Temp 0.478559 NAN NAN NAN

L3.Precip. horaria -2.893569 NAN NAN NAN

L3.Temp. prom aire -0.299694 NAN NAN NAN

L4.Conduct 0.789605 NAN NAN NAN

L4.Water -2.126874 NAN NAN NAN

L4.Temp -0.514851 NAN NAN NAN

L4.Precip. horaria 18.288232 NAN NAN NAN

L4.Temp. prom aire -0.369853 NAN NAN NAN

L5.Conduct 0.195486 NAN NAN NAN

L5.Water -0.485656 NAN NAN NAN

L5.Temp 0.103766 NAN NAN NAN

L5.Precip. horaria 25.020298 NAN NAN NAN

L5.Temp. prom aire -0.195444 NAN NAN NAN

L6.Conduct 0.219110 NAN NAN NAN

L6.Water -1.314077 NAN NAN NAN

L6.Temp 0.385208 NAN NAN NAN

L6.Precip. horaria -2.555175 NAN NAN NAN

L6.Temp. prom aire -0.517455 NAN NAN NAN

L7.Conduct -0.016497 NAN NAN NAN

L7.Water 0.193668 NAN NAN NAN

L7.Temp 0.383275 NAN NAN NAN

L7.Precip. horaria 19.385572 NAN NAN NAN

L7.Temp. prom aire -0.513619 NAN NAN NAN

L8.Conduct -0.834615 NAN NAN NAN

L8.Water 3.125813 NAN NAN NAN

L8.Temp 0.467271 NAN NAN NAN

L8.Precip. horaria 13.786412 NAN NAN NAN

L8.Temp. prom aire -0.388305 NAN NAN NAN

L9.Conduct 0.636933 NAN NAN NAN

L9.Water -0.806237 NAN NAN NAN

L9.Temp 0.565066 NAN NAN NAN

L9.Precip. horaria 2.228453 NAN NAN NAN

L9.Temp. prom aire -0.421003 NAN NAN NAN

L10.Conduct 1.015089 NAN NAN NAN

L10.Water -1.496163 NAN NAN NAN

L10.Temp 0.213154 NAN NAN NAN

L10.Precip. horaria 1.968734 NAN NAN NAN

L10.Temp. prom aire -0.555616 NAN NAN NAN

L11.Conduct -0.449960 NAN NAN NAN

L11.Water 1.513055 NAN NAN NAN

L11.Temp 0.268397 NAN NAN NAN

L11.Precip. horaria 13.946373 NAN NAN NAN

L11.Temp. prom aire -0.161107 NAN NAN NAN

L12.Conduct 0.075870 NAN NAN NAN

L12.Water -0.592938 NAN NAN NAN

L12.Temp 0.295312 NAN NAN NAN

L12.Precip. horaria 21.359121 NAN NAN NAN

L12.Temp. prom aire 0.115313 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.669053 NAN NAN NAN

L1.Conduct -0.158402 NAN NAN NAN

L1.Water 1.245577 NAN NAN NAN

L1.Temp 0.619644 NAN NAN NAN

L1.Precip. horaria -24.558878 NAN NAN NAN

L1.Temp. prom aire 0.402071 NAN NAN NAN

L2.Conduct 0.136457 NAN NAN NAN

L2.Water -1.269827 NAN NAN NAN

L2.Temp 0.440532 NAN NAN NAN

L2.Precip. horaria -9.711032 NAN NAN NAN

L2.Temp. prom aire -0.620598 NAN NAN NAN

L3.Conduct 0.201271 NAN NAN NAN

L3.Water 0.359797 NAN NAN NAN

L3.Temp -0.401316 NAN NAN NAN

L3.Precip. horaria 2.252755 NAN NAN NAN

L3.Temp. prom aire 0.212095 NAN NAN NAN

L4.Conduct -0.572090 NAN NAN NAN

L4.Water 1.471706 NAN NAN NAN

L4.Temp 0.049854 NAN NAN NAN

L4.Precip. horaria -20.624436 NAN NAN NAN

L4.Temp. prom aire 0.455706 NAN NAN NAN

L5.Conduct 0.423631 NAN NAN NAN

L5.Water -1.358791 NAN NAN NAN

L5.Temp 0.373740 NAN NAN NAN

L5.Precip. horaria -16.477012 NAN NAN NAN

L5.Temp. prom aire 0.195346 NAN NAN NAN

L6.Conduct -0.621174 NAN NAN NAN

L6.Water 1.934582 NAN NAN NAN

L6.Temp -0.315010 NAN NAN NAN

L6.Precip. horaria 8.902876 NAN NAN NAN

L6.Temp. prom aire 0.238442 NAN NAN NAN

L7.Conduct -0.475966 NAN NAN NAN

L7.Water 2.104615 NAN NAN NAN

L7.Temp 0.356484 NAN NAN NAN

L7.Precip. horaria -38.090683 NAN NAN NAN

L7.Temp. prom aire 0.541939 NAN NAN NAN

L8.Conduct 1.522689 NAN NAN NAN

L8.Water -5.107516 NAN NAN NAN

L8.Temp -0.573702 NAN NAN NAN

L8.Precip. horaria -20.934404 NAN NAN NAN

L8.Temp. prom aire 0.355616 NAN NAN NAN

L9.Conduct -1.307335 NAN NAN NAN

L9.Water 3.509406 NAN NAN NAN

L9.Temp -0.213294 NAN NAN NAN

L9.Precip. horaria -13.582624 NAN NAN NAN

L9.Temp. prom aire 0.282142 NAN NAN NAN

L10.Conduct -0.444617 NAN NAN NAN

L10.Water -0.199806 NAN NAN NAN

L10.Temp -0.761027 NAN NAN NAN

L10.Precip. horaria -9.725217 NAN NAN NAN

L10.Temp. prom aire 0.415148 NAN NAN NAN

L11.Conduct 0.324068 NAN NAN NAN

L11.Water -0.917266 NAN NAN NAN

L11.Temp -0.585412 NAN NAN NAN

L11.Precip. horaria -9.326613 NAN NAN NAN

L11.Temp. prom aire 0.837278 NAN NAN NAN

L12.Conduct 0.067251 NAN NAN NAN

L12.Water -0.155170 NAN NAN NAN

L12.Temp -0.498779 NAN NAN NAN

L12.Precip. horaria -10.079239 NAN NAN NAN

L12.Temp. prom aire 0.745543 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 1.007645 NAN NAN NAN

L1.Conduct -0.051322 NAN NAN NAN

L1.Water 0.107826 NAN NAN NAN

L1.Temp -0.012011 NAN NAN NAN

L1.Precip. horaria -0.111497 NAN NAN NAN

L1.Temp. prom aire -0.004881 NAN NAN NAN

L2.Conduct 0.035015 NAN NAN NAN

L2.Water -0.113283 NAN NAN NAN

L2.Temp -0.041675 NAN NAN NAN

L2.Precip. horaria 0.313834 NAN NAN NAN

L2.Temp. prom aire 0.022661 NAN NAN NAN

L3.Conduct -0.013079 NAN NAN NAN

L3.Water 0.032150 NAN NAN NAN

L3.Temp 0.006691 NAN NAN NAN

L3.Precip. horaria 0.290938 NAN NAN NAN

L3.Temp. prom aire 0.018881 NAN NAN NAN

L4.Conduct 0.030003 NAN NAN NAN

L4.Water -0.058883 NAN NAN NAN

L4.Temp 0.002876 NAN NAN NAN

L4.Precip. horaria 0.296386 NAN NAN NAN

L4.Temp. prom aire -0.018690 NAN NAN NAN

L5.Conduct -0.004357 NAN NAN NAN

L5.Water -0.007335 NAN NAN NAN

L5.Temp -0.001222 NAN NAN NAN

L5.Precip. horaria 0.766366 NAN NAN NAN

L5.Temp. prom aire -0.015052 NAN NAN NAN

L6.Conduct 0.024770 NAN NAN NAN

L6.Water -0.066196 NAN NAN NAN

L6.Temp 0.000419 NAN NAN NAN

L6.Precip. horaria 0.399805 NAN NAN NAN

L6.Temp. prom aire -0.013270 NAN NAN NAN

L7.Conduct 0.012592 NAN NAN NAN

L7.Water -0.052342 NAN NAN NAN

L7.Temp 0.020016 NAN NAN NAN

L7.Precip. horaria -0.085248 NAN NAN NAN

L7.Temp. prom aire -0.018826 NAN NAN NAN

L8.Conduct -0.023379 NAN NAN NAN

L8.Water 0.080703 NAN NAN NAN

L8.Temp 0.018865 NAN NAN NAN

L8.Precip. horaria -0.253335 NAN NAN NAN

L8.Temp. prom aire -0.021399 NAN NAN NAN

L9.Conduct -0.032874 NAN NAN NAN

L9.Water 0.106426 NAN NAN NAN

L9.Temp 0.016995 NAN NAN NAN

L9.Precip. horaria -0.688193 NAN NAN NAN

L9.Temp. prom aire -0.010080 NAN NAN NAN

L10.Conduct 0.022415 NAN NAN NAN

L10.Water -0.042956 NAN NAN NAN

L10.Temp -0.005542 NAN NAN NAN

L10.Precip. horaria -1.160459 NAN NAN NAN

L10.Temp. prom aire -0.000976 NAN NAN NAN

L11.Conduct 0.020513 NAN NAN NAN

L11.Water -0.029072 NAN NAN NAN

L11.Temp -0.000681 NAN NAN NAN

L11.Precip. horaria 0.142531 NAN NAN NAN

L11.Temp. prom aire 0.007466 NAN NAN NAN

L12.Conduct 0.007895 NAN NAN NAN

L12.Water -0.013310 NAN NAN NAN

L12.Temp 0.016764 NAN NAN NAN

L12.Precip. horaria 0.339686 NAN NAN NAN

L12.Temp. prom aire -0.031478 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 6.016316 NAN NAN NAN

L1.Conduct 0.928511 NAN NAN NAN

L1.Water -2.128729 NAN NAN NAN

L1.Temp 0.508614 NAN NAN NAN

L1.Precip. horaria -10.642188 NAN NAN NAN

L1.Temp. prom aire -0.303032 NAN NAN NAN

L2.Conduct -0.312438 NAN NAN NAN

L2.Water 0.139483 NAN NAN NAN

L2.Temp 0.408585 NAN NAN NAN

L2.Precip. horaria -6.094530 NAN NAN NAN

L2.Temp. prom aire -0.775461 NAN NAN NAN

L3.Conduct -0.929394 NAN NAN NAN

L3.Water 3.266525 NAN NAN NAN

L3.Temp -0.059544 NAN NAN NAN

L3.Precip. horaria 12.673727 NAN NAN NAN

L3.Temp. prom aire -0.348138 NAN NAN NAN

L4.Conduct 0.508933 NAN NAN NAN

L4.Water -1.536120 NAN NAN NAN

L4.Temp -0.244840 NAN NAN NAN

L4.Precip. horaria -0.739723 NAN NAN NAN

L4.Temp. prom aire 0.015518 NAN NAN NAN

L5.Conduct -0.326913 NAN NAN NAN

L5.Water 1.436670 NAN NAN NAN

L5.Temp 0.845100 NAN NAN NAN

L5.Precip. horaria -15.018387 NAN NAN NAN

L5.Temp. prom aire 0.042172 NAN NAN NAN

L6.Conduct 0.444129 NAN NAN NAN

L6.Water -0.260103 NAN NAN NAN

L6.Temp -0.411344 NAN NAN NAN

L6.Precip. horaria 13.360437 NAN NAN NAN

L6.Temp. prom aire -0.296469 NAN NAN NAN

L7.Conduct -0.647047 NAN NAN NAN

L7.Water 2.108413 NAN NAN NAN

L7.Temp 0.636823 NAN NAN NAN

L7.Precip. horaria -22.111584 NAN NAN NAN

L7.Temp. prom aire -0.324051 NAN NAN NAN

L8.Conduct 1.822979 NAN NAN NAN

L8.Water -6.280962 NAN NAN NAN

L8.Temp -0.587892 NAN NAN NAN

L8.Precip. horaria -5.237876 NAN NAN NAN

L8.Temp. prom aire -0.353872 NAN NAN NAN

L9.Conduct -0.950365 NAN NAN NAN

L9.Water 2.261516 NAN NAN NAN

L9.Temp 0.671241 NAN NAN NAN

L9.Precip. horaria 10.067063 NAN NAN NAN

L9.Temp. prom aire -0.115046 NAN NAN NAN

L10.Conduct -0.770295 NAN NAN NAN

L10.Water 1.370415 NAN NAN NAN

L10.Temp -0.328220 NAN NAN NAN

L10.Precip. horaria 3.439814 NAN NAN NAN

L10.Temp. prom aire -0.405819 NAN NAN NAN

L11.Conduct 0.533758 NAN NAN NAN

L11.Water -0.886552 NAN NAN NAN

L11.Temp 0.002129 NAN NAN NAN

L11.Precip. horaria -26.909050 NAN NAN NAN

L11.Temp. prom aire 0.332584 NAN NAN NAN

L12.Conduct 0.315971 NAN NAN NAN

L12.Water 0.282128 NAN NAN NAN

L12.Temp 0.301514 NAN NAN NAN

L12.Precip. horaria -30.101237 NAN NAN NAN

L12.Temp. prom aire -0.130214 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.959661 -0.735773 0.448119 -0.087704

Water 0.959661 1.000000 -0.814911 0.294211 -0.256808

Temp -0.735773 -0.814911 1.000000 -0.097598 0.487492

Precip. horaria 0.448119 0.294211 -0.097598 1.000000 0.502103

Temp. prom aire -0.087704 -0.256808 0.487492 0.502103 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -256.313

Nobs: 59.0000 HQIC: -262.861

Log likelihood: 7764.48 FPE: -2.63592e-112

AIC: -267.053 Det(Omega\_mle): -7.57332e-114

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 149.454415 0.001763 84773.819 0.000

L1.Conduct 0.833531 0.000003 314867.528 0.000

L1.Water -8.043146 0.000022 -359933.858 0.000

L1.Temp 2.023302 0.000009 214655.005 0.000

L1.Precip. horaria -158.972805 0.000527 -301709.991 0.000

L1.Temp. prom aire 9.533790 0.000010 966330.111 0.000

L2.Conduct -0.061306 0.000007 -8941.850 0.000

L2.Water 11.471493 0.000049 233886.462 0.000

L2.Temp 3.532996 0.000003 1073912.764 0.000

L2.Precip. horaria -30.330896 0.000428 -70895.285 0.000

L2.Temp. prom aire 0.952580 0.000012 82631.469 0.000

L3.Conduct -2.720286 0.000002 -1405017.283 0.000

L3.Water 18.379275 0.000036 517464.369 0.000

L3.Temp -11.719970 0.000020 -594587.787 0.000

L3.Precip. horaria -480.287237 0.000205 -2341009.091 0.000

L3.Temp. prom aire 8.464983 0.000003 2539569.578 0.000

L4.Conduct 0.027018 0.000003 9485.862 0.000

L4.Water -2.088605 0.000010 -204944.934 0.000

L4.Temp -20.255653 0.000005 -4017992.585 0.000

L4.Precip. horaria -190.870719 0.000303 -629182.748 0.000

L4.Temp. prom aire 19.224073 0.000004 5187119.824 0.000

L5.Conduct -3.461224 0.000003 -1356655.980 0.000

L5.Water 13.611336 0.000062 221219.260 0.000

L5.Temp 1.675217 0.000007 232344.136 0.000

L5.Precip. horaria -201.602147 0.000473 -425948.525 0.000

L5.Temp. prom aire 14.279872 0.000014 986260.504 0.000

L6.Conduct 0.035128 0.000006 5457.100 0.000

L6.Water -8.633104 0.000029 -293976.887 0.000

L6.Temp -12.811104 0.000004 -3462266.262 0.000

L6.Precip. horaria -99.176804 0.000548 -181136.972 0.000

L6.Temp. prom aire 9.417317 0.000011 870044.889 0.000

L7.Conduct -1.956706 0.000001 -1307590.604 0.000

L7.Water 23.190233 0.000009 2622049.931 0.000

L7.Temp -3.508210 0.000012 -281806.832 0.000

L7.Precip. horaria -261.662333 0.000339 -772415.733 0.000

L7.Temp. prom aire 12.495544 0.000011 1141048.678 0.000

L8.Conduct 1.870128 0.000007 257021.293 0.000

L8.Water -25.377407 0.000030 -854467.456 0.000

L8.Temp -16.447460 0.000015 -1103786.163 0.000

L8.Precip. horaria -191.362612 0.000278 -688656.672 0.000

L8.Temp. prom aire 9.786636 0.000010 969982.415 0.000

L9.Conduct -1.023183 0.000007 -140382.060 0.000

L9.Water 2.610100 0.000036 73398.734 0.000

L9.Temp -4.069219 0.000010 -389517.562 0.000

L9.Precip. horaria -149.482331 0.000674 -221749.775 0.000

L9.Temp. prom aire 7.875301 0.000005 1460251.383 0.000

L10.Conduct -0.546506 0.000004 -151774.815 0.000

L10.Water -3.413720 0.000010 -353654.925 0.000

L10.Temp -13.712315 0.000008 -1758548.587 0.000

L10.Precip. horaria 20.220321 0.000611 33115.849 0.000

L10.Temp. prom aire 8.779843 0.000003 2812665.397 0.000

L11.Conduct 0.245694 0.000002 131322.195 0.000

L11.Water -5.357295 0.000008 -677682.223 0.000

L11.Temp -6.152243 0.000020 -315307.460 0.000

L11.Precip. horaria -18.559724 0.000604 -30746.621 0.000

L11.Temp. prom aire 18.377301 0.000009 2106034.725 0.000

L12.Conduct 0.652281 0.000002 319409.415 0.000

L12.Water -3.954279 0.000003 -1259625.017 0.000

L12.Temp -4.494820 0.000023 -191985.383 0.000

L12.Precip. horaria 295.827759 0.000570 519135.935 0.000

L12.Temp. prom aire 19.789089 0.000017 1145595.988 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 15.196453 0.000169 89852.948 0.000

L1.Conduct 0.038787 0.000000 152731.634 0.000

L1.Water -0.544986 0.000002 -254225.448 0.000

L1.Temp 0.135525 0.000001 149877.599 0.000

L1.Precip. horaria -18.495614 0.000051 -365908.673 0.000

L1.Temp. prom aire 1.001875 0.000001 1058548.223 0.000

L2.Conduct 0.021245 0.000001 32301.220 0.000

L2.Water 0.809000 0.000005 171937.642 0.000

L2.Temp 0.120532 0.000000 381913.994 0.000

L2.Precip. horaria -1.263319 0.000041 -30780.954 0.000

L2.Temp. prom aire 0.270431 0.000001 244533.000 0.000

L3.Conduct -0.212606 0.000000 -1144668.273 0.000

L3.Water 1.944859 0.000003 570791.130 0.000

L3.Temp -1.181603 0.000002 -624882.168 0.000

L3.Precip. horaria -47.209580 0.000020 -2398663.289 0.000

L3.Temp. prom aire 0.832284 0.000000 2602811.283 0.000

L4.Conduct -0.069237 0.000000 -253393.850 0.000

L4.Water 0.285143 0.000001 291662.154 0.000

L4.Temp -2.095481 0.000000 -4332949.403 0.000

L4.Precip. horaria -23.783290 0.000029 -817234.200 0.000

L4.Temp. prom aire 1.983780 0.000000 5579708.017 0.000

L5.Conduct -0.245565 0.000000 -1003330.540 0.000

L5.Water 0.774945 0.000006 131289.583 0.000

L5.Temp 0.006425 0.000001 9289.298 0.000

L5.Precip. horaria -18.891991 0.000045 -416079.966 0.000

L5.Temp. prom aire 1.469284 0.000001 1057816.095 0.000

L6.Conduct -0.130130 0.000001 -210728.581 0.000

L6.Water 0.169191 0.000003 60056.597 0.000

L6.Temp -0.946756 0.000000 -2667161.486 0.000

L6.Precip. horaria -16.433076 0.000053 -312862.108 0.000

L6.Temp. prom aire 0.878766 0.000001 846300.901 0.000

L7.Conduct -0.108218 0.000000 -753842.889 0.000

L7.Water 1.412603 0.000001 1664918.787 0.000

L7.Temp -0.468033 0.000001 -391904.140 0.000

L7.Precip. horaria -28.780610 0.000032 -885619.155 0.000

L7.Temp. prom aire 1.027303 0.000001 977878.113 0.000

L8.Conduct 0.191375 0.000001 274170.654 0.000

L8.Water -2.136755 0.000003 -749963.577 0.000

L8.Temp -1.455278 0.000001 -1018050.302 0.000

L8.Precip. horaria -19.466226 0.000027 -730238.154 0.000

L8.Temp. prom aire 0.838162 0.000001 865955.106 0.000

L9.Conduct -0.103653 0.000001 -148243.545 0.000

L9.Water -0.128539 0.000003 -37679.250 0.000

L9.Temp -0.402072 0.000001 -401196.597 0.000

L9.Precip. horaria -7.644221 0.000065 -118207.134 0.000

L9.Temp. prom aire 0.566478 0.000001 1094916.172 0.000

L10.Conduct 0.052407 0.000000 151717.370 0.000

L10.Water -0.705485 0.000001 -761862.406 0.000

L10.Temp -1.133296 0.000001 -1515039.263 0.000

L10.Precip. horaria 0.143909 0.000059 2456.813 0.000

L10.Temp. prom aire 0.679650 0.000000 2269622.987 0.000

L11.Conduct 0.013438 0.000000 74871.476 0.000

L11.Water -0.331815 0.000001 -437535.639 0.000

L11.Temp -0.533199 0.000002 -284857.165 0.000

L11.Precip. horaria 1.497731 0.000058 25864.066 0.000

L11.Temp. prom aire 1.691331 0.000001 2020457.050 0.000

L12.Conduct 0.119989 0.000000 612480.455 0.000

L12.Water -0.447857 0.000000 -1487136.081 0.000

L12.Temp -0.094172 0.000002 -41928.957 0.000

L12.Precip. horaria 26.090072 0.000055 477259.457 0.000

L12.Temp. prom aire 1.959647 0.000002 1182553.317 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 3.576916 0.000111 32315.090 0.000

L1.Conduct -0.412576 0.000000 -2482296.579 0.000

L1.Water 3.420513 0.000001 2437988.022 0.000

L1.Temp 1.019849 0.000001 1723295.831 0.000

L1.Precip. horaria -19.540392 0.000033 -590668.346 0.000

L1.Temp. prom aire -0.714783 0.000001 -1153926.050 0.000

L2.Conduct 0.252494 0.000000 586572.813 0.000

L2.Water -2.927333 0.000003 -950606.450 0.000

L2.Temp -0.671955 0.000000 -3253190.526 0.000

L2.Precip. horaria 24.886286 0.000027 926479.381 0.000

L2.Temp. prom aire -0.108152 0.000001 -149424.346 0.000

L3.Conduct 0.253167 0.000000 2082653.313 0.000

L3.Water -0.619816 0.000002 -277944.532 0.000

L3.Temp 0.542099 0.000001 438038.228 0.000

L3.Precip. horaria 28.112073 0.000013 2182420.778 0.000

L3.Temp. prom aire -0.461726 0.000000 -2206284.798 0.000

L4.Conduct -0.555425 0.000000 -3105910.799 0.000

L4.Water 2.747076 0.000001 4293338.059 0.000

L4.Temp 1.207885 0.000000 3816208.775 0.000

L4.Precip. horaria -28.069780 0.000019 -1473737.299 0.000

L4.Temp. prom aire -0.632237 0.000000 -2717093.108 0.000

L5.Conduct 0.869268 0.000000 5426717.448 0.000

L5.Water -6.456069 0.000004 -1671221.186 0.000

L5.Temp -0.887366 0.000000 -1960230.263 0.000

L5.Precip. horaria 38.023769 0.000030 1279560.128 0.000

L5.Temp. prom aire -0.589814 0.000001 -648822.469 0.000

L6.Conduct -0.438774 0.000000 -1085655.490 0.000

L6.Water 5.310109 0.000002 2880004.902 0.000

L6.Temp 1.708987 0.000000 7356246.431 0.000

L6.Precip. horaria -1.190921 0.000034 -34643.644 0.000

L6.Temp. prom aire 0.085716 0.000001 126129.804 0.000

L7.Conduct 0.118106 0.000000 1257076.139 0.000

L7.Water -2.526410 0.000001 -4549705.595 0.000

L7.Temp -0.191209 0.000001 -244634.782 0.000

L7.Precip. horaria -17.061962 0.000021 -802199.593 0.000

L7.Temp. prom aire -0.258966 0.000001 -376647.053 0.000

L8.Conduct 0.194430 0.000000 425602.812 0.000

L8.Water 0.605327 0.000002 324625.203 0.000

L8.Temp 0.696344 0.000001 744309.185 0.000

L8.Precip. horaria 10.489392 0.000017 601228.511 0.000

L8.Temp. prom aire 0.223056 0.000001 352117.790 0.000

L9.Conduct -0.680773 0.000000 -1487662.420 0.000

L9.Water 2.348672 0.000002 1051955.414 0.000

L9.Temp -0.659531 0.000001 -1005529.689 0.000

L9.Precip. horaria 7.405787 0.000042 174979.886 0.000

L9.Temp. prom aire 0.227922 0.000000 673116.141 0.000

L10.Conduct 0.356235 0.000000 1575741.874 0.000

L10.Water -1.416233 0.000001 -2336846.705 0.000

L10.Temp 0.191342 0.000000 390838.514 0.000

L10.Precip. horaria -27.565253 0.000038 -719040.604 0.000

L10.Temp. prom aire 0.315311 0.000000 1608843.284 0.000

L11.Conduct -0.130637 0.000000 -1112123.208 0.000

L11.Water 1.293204 0.000000 2605501.390 0.000

L11.Temp -1.770169 0.000001 -1444970.797 0.000

L11.Precip. horaria 10.422378 0.000038 275002.249 0.000

L11.Temp. prom aire 0.195312 0.000001 356497.745 0.000

L12.Conduct -0.076219 0.000000 -594458.077 0.000

L12.Water -0.435597 0.000000 -2210051.848 0.000

L12.Temp -0.043553 0.000001 -29629.160 0.000

L12.Precip. horaria -25.126937 0.000036 -702304.226 0.000

L12.Temp. prom aire 0.743395 0.000001 685439.573 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.002599 0.000002 1443.939 0.000

L1.Conduct -0.012793 0.000000 -4733397.467 0.000

L1.Water 0.102324 0.000000 4485038.831 0.000

L1.Temp 0.004559 0.000000 473717.854 0.000

L1.Precip. horaria 0.137515 0.000001 255629.365 0.000

L1.Temp. prom aire -0.021891 0.000000 -2173313.560 0.000

L2.Conduct 0.012727 0.000000 1818231.664 0.000

L2.Water -0.159026 0.000000 -3175756.965 0.000

L2.Temp -0.054478 0.000000 -16219706.306 0.000

L2.Precip. horaria 0.743331 0.000000 1701795.624 0.000

L2.Temp. prom aire 0.019519 0.000000 1658444.699 0.000

L3.Conduct 0.002872 0.000000 1452973.470 0.000

L3.Water 0.025637 0.000000 706993.902 0.000

L3.Temp 0.021561 0.000000 1071407.267 0.000

L3.Precip. horaria 0.931896 0.000000 4448996.758 0.000

L3.Temp. prom aire -0.000146 0.000000 -42756.015 0.000

L4.Conduct -0.007809 0.000000 -2685356.316 0.000

L4.Water -0.005055 0.000000 -485863.489 0.000

L4.Temp 0.035314 0.000000 6861329.510 0.000

L4.Precip. horaria -0.229593 0.000000 -741292.349 0.000

L4.Temp. prom aire -0.033281 0.000000 -8795591.933 0.000

L5.Conduct 0.026867 0.000000 10314437.004 0.000

L5.Water -0.115914 0.000000 -1845237.117 0.000

L5.Temp -0.023456 0.000000 -3186439.110 0.000

L5.Precip. horaria 0.931063 0.000000 1926787.838 0.000

L5.Temp. prom aire -0.013373 0.000000 -904678.073 0.000

L6.Conduct -0.019816 0.000000 -3015129.303 0.000

L6.Water 0.168637 0.000000 5624589.095 0.000

L6.Temp 0.061975 0.000000 16405321.355 0.000

L6.Precip. horaria -0.369218 0.000001 -660498.893 0.000

L6.Temp. prom aire 0.000179 0.000000 16240.339 0.000

L7.Conduct 0.016939 0.000000 11087498.064 0.000

L7.Water -0.144349 0.000000 -15986060.434 0.000

L7.Temp -0.016716 0.000000 -1315176.728 0.000

L7.Precip. horaria -0.007508 0.000000 -21709.389 0.000

L7.Temp. prom aire -0.015742 0.000000 -1407973.060 0.000

L8.Conduct -0.019056 0.000000 -2565208.744 0.000

L8.Water 0.141681 0.000000 4672535.594 0.000

L8.Temp 0.032435 0.000000 2132019.998 0.000

L8.Precip. horaria 0.992946 0.000000 3499967.092 0.000

L8.Temp. prom aire 0.000015 0.000000 1462.310 0.000

L9.Conduct -0.001295 0.000000 -173971.217 0.000

L9.Water -0.035125 0.000000 -967468.942 0.000

L9.Temp -0.026826 0.000000 -2515154.676 0.000

L9.Precip. horaria 0.691763 0.000001 1005132.324 0.000

L9.Temp. prom aire 0.000294 0.000000 53319.305 0.000

L10.Conduct 0.009675 0.000000 2631833.698 0.000

L10.Water -0.022462 0.000000 -2279206.839 0.000

L10.Temp -0.003989 0.000000 -501100.907 0.000

L10.Precip. horaria -0.467505 0.000001 -749940.367 0.000

L10.Temp. prom aire 0.010191 0.000000 3197703.899 0.000

L11.Conduct 0.001819 0.000000 952046.421 0.000

L11.Water 0.017108 0.000000 2119704.580 0.000

L11.Temp -0.022553 0.000000 -1132158.442 0.000

L11.Precip. horaria 0.723768 0.000001 1174405.471 0.000

L11.Temp. prom aire 0.003649 0.000000 409607.218 0.000

L12.Conduct -0.002516 0.000000 -1206947.501 0.000

L12.Water 0.002242 0.000000 699619.802 0.000

L12.Temp 0.043694 0.000000 1827957.108 0.000

L12.Precip. horaria -1.463136 0.000001 -2514893.315 0.000

L12.Temp. prom aire -0.034828 0.000000 -1974839.452 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 15.342533 0.000182 84077.327 0.000

L1.Conduct -0.198440 0.000000 -724208.987 0.000

L1.Water 1.069718 0.000002 462481.832 0.000

L1.Temp -0.228113 0.000001 -233807.745 0.000

L1.Precip. horaria 9.721577 0.000055 178251.181 0.000

L1.Temp. prom aire -0.526473 0.000001 -515543.243 0.000

L2.Conduct 0.518749 0.000001 730993.627 0.000

L2.Water -4.870503 0.000005 -959373.595 0.000

L2.Temp -0.548275 0.000000 -1610100.482 0.000

L2.Precip. horaria 42.677786 0.000044 963746.538 0.000

L2.Temp. prom aire -0.276583 0.000001 -231791.622 0.000

L3.Conduct -0.167769 0.000000 -837158.986 0.000

L3.Water 2.402020 0.000004 653367.469 0.000

L3.Temp 1.940780 0.000002 951249.821 0.000

L3.Precip. horaria 18.935527 0.000021 891678.499 0.000

L3.Temp. prom aire -1.089590 0.000000 -3158100.183 0.000

L4.Conduct 0.356501 0.000000 1209233.621 0.000

L4.Water -3.558388 0.000001 -3373362.060 0.000

L4.Temp 0.070519 0.000001 135143.531 0.000

L4.Precip. horaria 26.928511 0.000031 857587.972 0.000

L4.Temp. prom aire -1.501938 0.000000 -3915269.690 0.000

L5.Conduct 0.328449 0.000000 1243760.384 0.000

L5.Water 0.492479 0.000006 77328.339 0.000

L5.Temp 0.871903 0.000001 1168308.965 0.000

L5.Precip. horaria 11.806023 0.000049 240987.457 0.000

L5.Temp. prom aire -0.660401 0.000001 -440660.009 0.000

L6.Conduct -0.295735 0.000001 -443852.483 0.000

L6.Water 1.398704 0.000003 460151.527 0.000

L6.Temp 1.020346 0.000000 2664098.326 0.000

L6.Precip. horaria 6.271987 0.000057 110670.273 0.000

L6.Temp. prom aire -0.931740 0.000001 -831645.515 0.000

L7.Conduct 0.273408 0.000000 1765167.537 0.000

L7.Water -0.655000 0.000001 -715493.931 0.000

L7.Temp 1.091320 0.000001 846929.097 0.000

L7.Precip. horaria -4.541381 0.000035 -129516.972 0.000

L7.Temp. prom aire -1.014378 0.000001 -894906.835 0.000

L8.Conduct -0.381794 0.000001 -506939.237 0.000

L8.Water 2.031215 0.000003 660743.583 0.000

L8.Temp 0.518329 0.000002 336062.899 0.000

L8.Precip. horaria 21.637932 0.000029 752298.627 0.000

L8.Temp. prom aire -0.671506 0.000001 -642997.308 0.000

L9.Conduct 0.119001 0.000001 157738.377 0.000

L9.Water -0.585577 0.000004 -159090.599 0.000

L9.Temp 0.725069 0.000001 670539.660 0.000

L9.Precip. horaria -3.659591 0.000070 -52448.697 0.000

L9.Temp. prom aire -0.597660 0.000001 -1070640.092 0.000

L10.Conduct 0.007296 0.000000 19574.609 0.000

L10.Water 0.401296 0.000001 401647.623 0.000

L10.Temp -0.238492 0.000001 -295492.297 0.000

L10.Precip. horaria -3.643950 0.000063 -57656.604 0.000

L10.Temp. prom aire -0.991987 0.000000 -3070195.399 0.000

L11.Conduct 0.109701 0.000000 566476.900 0.000

L11.Water -0.138115 0.000001 -168791.173 0.000

L11.Temp -0.092103 0.000002 -45604.083 0.000

L11.Precip. horaria -10.548404 0.000062 -168826.831 0.000

L11.Temp. prom aire -0.850373 0.000001 -941503.528 0.000

L12.Conduct 0.037624 0.000000 177995.170 0.000

L12.Water -0.191795 0.000000 -590254.497 0.000

L12.Temp 1.012083 0.000002 417639.000 0.000

L12.Precip. horaria -32.333665 0.000059 -548183.479 0.000

L12.Temp. prom aire -0.790783 0.000002 -442274.540 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.905090 0.605354 -0.340477 0.553518

Water 0.905090 1.000000 0.617795 -0.321976 0.438121

Temp 0.605354 0.617795 1.000000 0.163672 0.390397

Precip. horaria -0.340477 -0.321976 0.163672 1.000000 0.498186

Temp. prom aire 0.553518 0.438121 0.390397 0.498186 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -273.719

Nobs: 59.0000 HQIC: -280.266

Log likelihood: 8277.95 FPE: -7.27326e-120

AIC: -284.459 Det(Omega\_mle): -2.08970e-121

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 43.217890 0.000013 3234571.347 0.000

L1.Conduct 0.576423 0.000000 1753556.806 0.000

L1.Water -3.138350 0.000001 -2696421.275 0.000

L1.Temp -1.301683 NAN NAN NAN

L1.Precip. horaria -42.190755 0.000022 -1890007.378 0.000

L1.Temp. prom aire 2.481596 0.000001 4143814.514 0.000

L2.Conduct -3.492587 NAN NAN NAN

L2.Water 8.951672 NAN NAN NAN

L2.Temp 0.876144 0.000000 2291542.867 0.000

L2.Precip. horaria 14.276766 0.000012 1187164.415 0.000

L2.Temp. prom aire -0.535676 0.000001 -728393.500 0.000

L3.Conduct 4.450300 NAN NAN NAN

L3.Water -10.286195 NAN NAN NAN

L3.Temp -1.935924 0.000000 -36271535.745 0.000

L3.Precip. horaria -26.539650 0.000023 -1178646.256 0.000

L3.Temp. prom aire 0.957924 0.000000 2105381.657 0.000

L4.Conduct -2.054981 NAN NAN NAN

L4.Water 4.494239 0.000001 5499363.090 0.000

L4.Temp -2.717314 0.000001 -2479032.807 0.000

L4.Precip. horaria -31.315921 0.000011 -2866280.657 0.000

L4.Temp. prom aire 2.799546 0.000001 2677811.735 0.000

L5.Conduct -0.943609 NAN NAN NAN

L5.Water 1.241303 NAN NAN NAN

L5.Temp 0.053859 0.000000 420284.769 0.000

L5.Precip. horaria 47.492528 0.000010 4916306.011 0.000

L5.Temp. prom aire 1.234667 0.000001 1376535.355 0.000

L6.Conduct 1.828101 NAN NAN NAN

L6.Water -7.713941 NAN NAN NAN

L6.Temp -1.060949 NAN NAN NAN

L6.Precip. horaria -8.680493 0.000019 -455554.871 0.000

L6.Temp. prom aire 0.694513 0.000001 1082832.474 0.000

L7.Conduct -2.202659 0.000001 -3240230.615 0.000

L7.Water 4.893769 0.000001 6138693.360 0.000

L7.Temp -0.314288 0.000000 -1756762.419 0.000

L7.Precip. horaria 63.422262 0.000008 7560534.068 0.000

L7.Temp. prom aire 1.755275 0.000001 2364702.614 0.000

L8.Conduct 0.265963 NAN NAN NAN

L8.Water -0.653864 NAN NAN NAN

L8.Temp -1.625008 0.000000 -6648086.865 0.000

L8.Precip. horaria 41.181332 0.000006 7144600.280 0.000

L8.Temp. prom aire 1.762531 0.000001 2151843.210 0.000

L9.Conduct -1.328340 0.000001 -2499002.145 0.000

L9.Water 2.841555 NAN NAN NAN

L9.Temp 0.243671 0.000000 980032.823 0.000

L9.Precip. horaria 17.661650 NAN NAN NAN

L9.Temp. prom aire 0.908977 0.000001 1603958.074 0.000

L10.Conduct 1.464756 0.000000 4551932.265 0.000

L10.Water -1.432184 0.000001 -2021993.736 0.000

L10.Temp -2.669297 0.000000 -8231356.919 0.000

L10.Precip. horaria 54.640567 0.000008 6512354.303 0.000

L10.Temp. prom aire 1.175750 0.000000 3028889.899 0.000

L11.Conduct -1.172764 0.000000 -2375890.089 0.000

L11.Water 0.182086 0.000000 378791.088 0.000

L11.Temp -1.175594 0.000001 -1838739.192 0.000

L11.Precip. horaria -8.968389 0.000012 -774801.802 0.000

L11.Temp. prom aire 4.003812 0.000001 5071797.403 0.000

L12.Conduct 0.644792 0.000001 1083230.664 0.000

L12.Water -2.433641 0.000001 -4714342.576 0.000

L12.Temp -1.599237 0.000000 -53680439.271 0.000

L12.Precip. horaria 154.713153 NAN NAN NAN

L12.Temp. prom aire 4.049254 0.000001 3388639.601 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 13.202547 0.000005 2824603.123 0.000

L1.Conduct -0.237167 0.000000 -2062427.980 0.000

L1.Water -0.481168 0.000000 -1181762.129 0.000

L1.Temp -0.383733 NAN NAN NAN

L1.Precip. horaria -18.740241 0.000008 -2399760.571 0.000

L1.Temp. prom aire 0.850345 0.000000 4058925.969 0.000

L2.Conduct -0.947074 NAN NAN NAN

L2.Water 2.849057 NAN NAN NAN

L2.Temp 0.190335 0.000000 1423039.099 0.000

L2.Precip. horaria 14.305541 0.000004 3400414.529 0.000

L2.Temp. prom aire -0.132083 0.000000 -513402.273 0.000

L3.Conduct 1.520639 NAN NAN NAN

L3.Water -3.377464 NAN NAN NAN

L3.Temp -0.574205 0.000000 -30753243.792 0.000

L3.Precip. horaria -14.564849 0.000008 -1849016.730 0.000

L3.Temp. prom aire 0.307166 0.000000 1929829.879 0.000

L4.Conduct -0.843251 NAN NAN NAN

L4.Water 1.806263 0.000000 6318059.472 0.000

L4.Temp -1.224106 0.000000 -3192331.289 0.000

L4.Precip. horaria -11.216022 0.000004 -2934532.516 0.000

L4.Temp. prom aire 1.145562 0.000000 3132258.907 0.000

L5.Conduct -0.081322 NAN NAN NAN

L5.Water -0.130519 NAN NAN NAN

L5.Temp -0.094170 0.000000 -2100595.940 0.000

L5.Precip. horaria 26.434633 0.000003 7822281.782 0.000

L5.Temp. prom aire 0.618749 0.000000 1971961.549 0.000

L6.Conduct 0.290668 NAN NAN NAN

L6.Water -2.218331 NAN NAN NAN

L6.Temp -0.312104 NAN NAN NAN

L6.Precip. horaria -7.273518 0.000007 -1091157.341 0.000

L6.Temp. prom aire 0.324729 0.000000 1447265.796 0.000

L7.Conduct -0.473426 0.000000 -1990797.622 0.000

L7.Water 0.999717 0.000000 3584728.540 0.000

L7.Temp -0.326628 0.000000 -5218964.661 0.000

L7.Precip. horaria 30.701462 0.000003 10462039.616 0.000

L7.Temp. prom aire 0.733869 0.000000 2826156.088 0.000

L8.Conduct -0.044371 NAN NAN NAN

L8.Water 0.232730 NAN NAN NAN

L8.Temp -0.532479 0.000000 -6227159.483 0.000

L8.Precip. horaria 20.986723 0.000002 10408034.311 0.000

L8.Temp. prom aire 0.775232 0.000000 2705526.995 0.000

L9.Conduct -0.463895 0.000000 -2494729.345 0.000

L9.Water 0.821920 NAN NAN NAN

L9.Temp -0.072843 0.000000 -837477.188 0.000

L9.Precip. horaria 20.659308 NAN NAN NAN

L9.Temp. prom aire 0.412973 0.000000 2083093.090 0.000

L10.Conduct 0.855862 0.000000 7602927.699 0.000

L10.Water -0.717154 0.000000 -2894275.176 0.000

L10.Temp -0.892233 0.000000 -7865014.855 0.000

L10.Precip. horaria 21.895290 0.000003 7459677.701 0.000

L10.Temp. prom aire 0.556961 0.000000 4101474.538 0.000

L11.Conduct -0.637050 0.000000 -3689228.218 0.000

L11.Water 0.347851 0.000000 2068531.024 0.000

L11.Temp -0.607785 0.000000 -2717435.922 0.000

L11.Precip. horaria 3.168118 0.000004 782391.483 0.000

L11.Temp. prom aire 1.601223 0.000000 5798110.794 0.000

L12.Conduct 0.307159 0.000000 1475064.231 0.000

L12.Water -1.043003 0.000000 -5775595.013 0.000

L12.Temp -0.530980 0.000000 -50948116.792 0.000

L12.Precip. horaria 63.128846 NAN NAN NAN

L12.Temp. prom aire 1.799520 0.000000 4304806.274 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const -21.507030 0.000006 -3457356.043 0.000

L1.Conduct -0.124390 0.000000 -812784.090 0.000

L1.Water 1.177346 0.000001 2172706.929 0.000

L1.Temp 0.272951 NAN NAN NAN

L1.Precip. horaria 9.359373 0.000010 900540.920 0.000

L1.Temp. prom aire -0.535081 0.000000 -1919106.420 0.000

L2.Conduct 1.690995 NAN NAN NAN

L2.Water -4.636145 NAN NAN NAN

L2.Temp -0.266058 0.000000 -1494647.735 0.000

L2.Precip. horaria -4.199163 0.000006 -749987.870 0.000

L2.Temp. prom aire 0.058879 0.000000 171961.737 0.000

L3.Conduct -1.410366 NAN NAN NAN

L3.Water 4.527061 NAN NAN NAN

L3.Temp 0.549153 0.000000 22099459.601 0.000

L3.Precip. horaria 12.556262 0.000010 1197730.656 0.000

L3.Temp. prom aire -0.276971 0.000000 -1307507.754 0.000

L4.Conduct 0.791221 NAN NAN NAN

L4.Water -1.457626 0.000000 -3831005.977 0.000

L4.Temp 1.257857 0.000001 2464813.846 0.000

L4.Precip. horaria 11.755137 0.000005 2310956.206 0.000

L4.Temp. prom aire -1.050512 0.000000 -2158260.919 0.000

L5.Conduct 1.131875 NAN NAN NAN

L5.Water -2.042439 NAN NAN NAN

L5.Temp 0.626600 0.000000 10502300.937 0.000

L5.Precip. horaria -15.807537 0.000004 -3514700.395 0.000

L5.Temp. prom aire -0.735682 0.000000 -1761725.058 0.000

L6.Conduct -1.131763 NAN NAN NAN

L6.Water 4.067292 NAN NAN NAN

L6.Temp 0.847399 NAN NAN NAN

L6.Precip. horaria 18.062777 0.000009 2036063.375 0.000

L6.Temp. prom aire -0.712758 0.000000 -2386897.806 0.000

L7.Conduct 0.382856 0.000000 1209690.637 0.000

L7.Water -0.326068 0.000000 -878517.870 0.000

L7.Temp 0.894081 0.000000 10734267.286 0.000

L7.Precip. horaria -53.646208 0.000004 -13735999.670 0.000

L7.Temp. prom aire -1.124853 0.000000 -3254899.009 0.000

L8.Conduct 0.950986 NAN NAN NAN

L8.Water -2.338021 NAN NAN NAN

L8.Temp 0.843097 0.000000 7408478.340 0.000

L8.Precip. horaria -36.943528 0.000003 -13766590.942 0.000

L8.Temp. prom aire -1.127007 0.000000 -2955362.630 0.000

L9.Conduct -0.020405 0.000000 -82453.742 0.000

L9.Water 0.135161 NAN NAN NAN

L9.Temp 0.297793 0.000000 2572542.756 0.000

L9.Precip. horaria -29.785677 NAN NAN NAN

L9.Temp. prom aire -0.766112 0.000000 -2903641.560 0.000

L10.Conduct -0.876608 0.000000 -5851217.064 0.000

L10.Water 0.697596 0.000000 2115416.014 0.000

L10.Temp 0.925796 0.000000 6131970.699 0.000

L10.Precip. horaria -29.215084 0.000004 -7478946.964 0.000

L10.Temp. prom aire -0.739349 0.000000 -4090990.689 0.000

L11.Conduct 1.253040 0.000000 5452441.092 0.000

L11.Water -0.507338 0.000000 -2266890.235 0.000

L11.Temp 0.059530 0.000000 199988.984 0.000

L11.Precip. horaria 2.893144 0.000005 536854.596 0.000

L11.Temp. prom aire -1.065662 0.000000 -2899468.079 0.000

L12.Conduct -0.170741 0.000000 -616097.798 0.000

L12.Water 1.056190 0.000000 4394579.483 0.000

L12.Temp 0.239895 0.000000 17295588.032 0.000

L12.Precip. horaria -63.835960 NAN NAN NAN

L12.Temp. prom aire -0.770226 0.000001 -1384455.246 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.422343 0.000000 -2776222.455 0.000

L1.Conduct -0.019473 0.000000 -5202831.381 0.000

L1.Water 0.059830 0.000000 4514866.263 0.000

L1.Temp 0.010980 NAN NAN NAN

L1.Precip. horaria 0.246420 0.000000 969523.606 0.000

L1.Temp. prom aire -0.017817 0.000000 -2613068.447 0.000

L2.Conduct 0.067212 NAN NAN NAN

L2.Water -0.170447 NAN NAN NAN

L2.Temp -0.015287 0.000000 -3511650.355 0.000

L2.Precip. horaria -0.244218 0.000000 -1783591.818 0.000

L2.Temp. prom aire 0.007443 0.000000 888913.091 0.000

L3.Conduct -0.085107 NAN NAN NAN

L3.Water 0.204963 NAN NAN NAN

L3.Temp 0.007444 0.000000 12248935.013 0.000

L3.Precip. horaria -0.443179 0.000000 -1728634.598 0.000

L3.Temp. prom aire -0.000540 0.000000 -104268.801 0.000

L4.Conduct 0.044043 NAN NAN NAN

L4.Water -0.103498 0.000000 -11123081.599 0.000

L4.Temp 0.004094 0.000000 328041.568 0.000

L4.Precip. horaria 0.493977 0.000000 3970968.738 0.000

L4.Temp. prom aire -0.013435 0.000000 -1128645.413 0.000

L5.Conduct -0.011112 NAN NAN NAN

L5.Water 0.028994 NAN NAN NAN

L5.Temp 0.007080 0.000000 4852207.497 0.000

L5.Precip. horaria -0.919453 0.000000 -8359478.776 0.000

L5.Temp. prom aire 0.012205 0.000000 1195070.489 0.000

L6.Conduct -0.014485 NAN NAN NAN

L6.Water 0.061297 NAN NAN NAN

L6.Temp -0.006731 NAN NAN NAN

L6.Precip. horaria 0.572137 0.000000 2637132.057 0.000

L6.Temp. prom aire 0.011789 0.000000 1614329.108 0.000

L7.Conduct 0.019586 0.000000 2530548.644 0.000

L7.Water -0.023193 0.000000 -2555224.902 0.000

L7.Temp -0.007868 0.000000 -3862660.566 0.000

L7.Precip. horaria -1.653719 0.000000 -17314432.725 0.000

L7.Temp. prom aire 0.002849 0.000000 337153.006 0.000

L8.Conduct -0.017038 NAN NAN NAN

L8.Water -0.015660 NAN NAN NAN

L8.Temp -0.013765 0.000000 -4945831.271 0.000

L8.Precip. horaria -0.595607 0.000000 -9075551.468 0.000

L8.Temp. prom aire -0.000896 0.000000 -96045.056 0.000

L9.Conduct 0.015277 0.000000 2524176.151 0.000

L9.Water -0.037383 NAN NAN NAN

L9.Temp -0.015744 0.000000 -5561347.650 0.000

L9.Precip. horaria -0.340606 NAN NAN NAN

L9.Temp. prom aire 0.010496 0.000000 1626695.810 0.000

L10.Conduct -0.029021 0.000000 -7920903.983 0.000

L10.Water 0.013948 0.000000 1729547.970 0.000

L10.Temp -0.006616 0.000000 -1791937.678 0.000

L10.Precip. horaria -0.591043 0.000000 -6186966.423 0.000

L10.Temp. prom aire 0.014242 0.000000 3222272.608 0.000

L11.Conduct 0.043296 0.000000 7703623.105 0.000

L11.Water -0.021298 0.000000 -3891355.169 0.000

L11.Temp -0.000731 0.000000 -100422.502 0.000

L11.Precip. horaria 0.783765 0.000000 5947003.137 0.000

L11.Temp. prom aire 0.021411 0.000000 2382156.495 0.000

L12.Conduct -0.009801 0.000000 -1446193.416 0.000

L12.Water 0.032311 0.000000 5497347.639 0.000

L12.Temp 0.037886 0.000000 111690212.443 0.000

L12.Precip. horaria -1.614568 NAN NAN NAN

L12.Temp. prom aire -0.033253 0.000000 -2444085.107 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -21.060679 0.000007 -3155471.804 0.000

L1.Conduct 0.548360 0.000000 3339516.304 0.000

L1.Water 0.605387 0.000001 1041257.447 0.000

L1.Temp 0.430825 NAN NAN NAN

L1.Precip. horaria 26.285561 0.000011 2357231.437 0.000

L1.Temp. prom aire -0.982258 0.000000 -3283473.601 0.000

L2.Conduct 1.987711 NAN NAN NAN

L2.Water -4.887701 NAN NAN NAN

L2.Temp -0.016470 0.000000 -86234.769 0.000

L2.Precip. horaria -21.535948 0.000006 -3584955.854 0.000

L2.Temp. prom aire 0.222905 0.000000 606768.994 0.000

L3.Conduct -3.712976 NAN NAN NAN

L3.Water 8.981879 NAN NAN NAN

L3.Temp 1.049306 0.000000 39356674.979 0.000

L3.Precip. horaria -1.448019 0.000011 -128736.366 0.000

L3.Temp. prom aire -0.965256 0.000000 -4246988.440 0.000

L4.Conduct 2.855522 NAN NAN NAN

L4.Water -6.411792 0.000000 -15706321.291 0.000

L4.Temp 0.493631 0.000001 901536.883 0.000

L4.Precip. horaria 37.751715 0.000005 6917178.596 0.000

L4.Temp. prom aire -1.347115 0.000001 -2579501.299 0.000

L5.Conduct -0.549996 NAN NAN NAN

L5.Water 0.815404 NAN NAN NAN

L5.Temp 0.632812 0.000000 9885463.245 0.000

L5.Precip. horaria -50.083851 0.000005 -10378870.796 0.000

L5.Temp. prom aire -0.343696 0.000000 -767097.438 0.000

L6.Conduct -1.245796 NAN NAN NAN

L6.Water 4.788741 NAN NAN NAN

L6.Temp 0.390693 NAN NAN NAN

L6.Precip. horaria 18.647467 0.000010 1959092.324 0.000

L6.Temp. prom aire -0.404183 0.000000 -1261531.541 0.000

L7.Conduct 0.861968 0.000000 2538390.878 0.000

L7.Water -0.261677 0.000000 -657108.962 0.000

L7.Temp 0.971633 0.000000 10872413.934 0.000

L7.Precip. horaria -68.617413 0.000004 -16375096.303 0.000

L7.Temp. prom aire -1.021536 0.000000 -2755013.964 0.000

L8.Conduct 1.134610 NAN NAN NAN

L8.Water -2.992201 NAN NAN NAN

L8.Temp 0.176108 0.000000 1442314.659 0.000

L8.Precip. horaria -45.812715 0.000003 -15911178.529 0.000

L8.Temp. prom aire -0.872114 0.000000 -2131501.862 0.000

L9.Conduct 0.983267 0.000000 3703119.211 0.000

L9.Water -2.157309 NAN NAN NAN

L9.Temp 0.108797 0.000000 875973.610 0.000

L9.Precip. horaria -28.403916 NAN NAN NAN

L9.Temp. prom aire -0.196171 0.000000 -692970.037 0.000

L10.Conduct -2.222411 0.000000 -13825901.611 0.000

L10.Water 1.875850 0.000000 5301734.862 0.000

L10.Temp 0.855817 0.000000 5283166.714 0.000

L10.Precip. horaria -28.871701 0.000004 -6888647.642 0.000

L10.Temp. prom aire -0.969404 0.000000 -4999329.750 0.000

L11.Conduct 1.100632 0.000000 4463714.488 0.000

L11.Water -0.574804 0.000000 -2393763.401 0.000

L11.Temp -0.022010 0.000000 -68916.148 0.000

L11.Precip. horaria 8.771145 0.000006 1516950.040 0.000

L11.Temp. prom aire -1.197709 0.000000 -3037233.772 0.000

L12.Conduct 0.161303 0.000000 542479.095 0.000

L12.Water 1.767179 0.000000 6853049.204 0.000

L12.Temp 1.259504 0.000000 84633378.733 0.000

L12.Precip. horaria -103.208986 NAN NAN NAN

L12.Temp. prom aire -1.257159 0.000001 -2106102.327 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.973455 -0.979978 -0.891192 -0.951544

Water 0.973455 1.000000 -0.944296 -0.886870 -0.950630

Temp -0.979978 -0.944296 1.000000 0.933599 0.935068

Precip. horaria -0.891192 -0.886870 0.933599 1.000000 0.864842

Temp. prom aire -0.951544 -0.950630 0.935068 0.864842 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -276.614

Nobs: 59.0000 HQIC: -283.162

Log likelihood: 8363.36 FPE: -4.02095e-121

AIC: -287.354 Det(Omega\_mle): -1.15527e-122

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 13.430500 0.000018 740508.884 0.000

L1.Conduct 0.846931 0.000000 3037165.464 0.000

L1.Water -3.549613 0.000000 -9134575.596 0.000

L1.Temp -1.407988 0.000000 -4110121.297 0.000

L1.Precip. horaria 5.579960 0.000003 1596979.757 0.000

L1.Temp. prom aire 1.092985 0.000000 4879119.190 0.000

L2.Conduct 0.758806 0.000000 3443550.323 0.000

L2.Water 0.026989 0.000000 70434.003 0.000

L2.Temp -0.262619 0.000000 -1013469.626 0.000

L2.Precip. horaria 45.733071 0.000007 6767637.125 0.000

L2.Temp. prom aire -2.622694 0.000000 -27817759.286 0.000

L3.Conduct 1.826982 0.000000 9403414.415 0.000

L3.Water -2.968509 0.000000 -8106735.336 0.000

L3.Temp -1.386353 0.000000 -4172776.322 0.000

L3.Precip. horaria -50.835263 0.000002 -24555794.807 0.000

L3.Temp. prom aire -1.370610 0.000000 -13338653.146 0.000

L4.Conduct 0.971070 0.000000 4682262.650 0.000

L4.Water -0.501608 0.000000 -1411835.781 0.000

L4.Temp -0.687211 0.000000 -2130012.569 0.000

L4.Precip. horaria -40.971611 0.000001 -28286083.612 0.000

L4.Temp. prom aire -0.059406 0.000000 -751544.079 0.000

L5.Conduct -2.013339 0.000000 -16296378.548 0.000

L5.Water 4.026736 0.000000 13752985.713 0.000

L5.Temp 4.049454 0.000000 12268703.176 0.000

L5.Precip. horaria 25.568011 0.000002 10623368.593 0.000

L5.Temp. prom aire -0.251413 0.000000 -1468487.793 0.000

L6.Conduct 1.806682 0.000000 4304551.862 0.000

L6.Water -1.526698 0.000001 -2502083.609 0.000

L6.Temp 1.237292 0.000000 15168656.209 0.000

L6.Precip. horaria 58.181608 0.000002 27619655.862 0.000

L6.Temp. prom aire -0.941838 0.000000 -5074740.080 0.000

L7.Conduct -0.586157 0.000000 -2586924.010 0.000

L7.Water 1.561897 0.000001 1844650.357 0.000

L7.Temp 2.225420 0.000000 5085876.188 0.000

L7.Precip. horaria 71.936263 0.000007 10678936.049 0.000

L7.Temp. prom aire 0.482677 0.000000 3752518.671 0.000

L8.Conduct -0.072740 0.000000 -255680.990 0.000

L8.Water -2.860713 0.000000 -6116857.266 0.000

L8.Temp -2.128328 0.000000 -16950424.327 0.000

L8.Precip. horaria 115.922313 0.000001 86751271.788 0.000

L8.Temp. prom aire -0.487714 0.000000 -2581263.709 0.000

L9.Conduct -0.890879 0.000001 -1393200.279 0.000

L9.Water -0.123875 0.000000 -329954.618 0.000

L9.Temp 0.287813 0.000000 1067296.484 0.000

L9.Precip. horaria 62.537624 0.000002 37414919.022 0.000

L9.Temp. prom aire -1.178792 0.000000 -8886527.794 0.000

L10.Conduct 2.752312 0.000001 5065931.076 0.000

L10.Water -0.973560 0.000001 -1691463.846 0.000

L10.Temp -2.491613 0.000000 -10024569.688 0.000

L10.Precip. horaria 91.950406 0.000003 26316912.510 0.000

L10.Temp. prom aire -0.713302 0.000000 -5606144.836 0.000

L11.Conduct 1.686621 0.000000 3518442.527 0.000

L11.Water 0.040553 0.000000 107642.939 0.000

L11.Temp 1.568319 0.000000 5311225.116 0.000

L11.Precip. horaria 9.328468 0.000004 2090034.842 0.000

L11.Temp. prom aire 2.314975 0.000000 19081341.899 0.000

L12.Conduct -1.360721 0.000000 -17305501.926 0.000

L12.Water 1.154037 0.000000 5836311.514 0.000

L12.Temp 0.158816 0.000000 5731646.537 0.000

L12.Precip. horaria 109.437280 0.000005 22904309.857 0.000

L12.Temp. prom aire 1.721610 0.000000 7534780.737 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const -2.597136 0.000015 -171934.527 0.000

L1.Conduct -0.492185 0.000000 -2119234.027 0.000

L1.Water -1.463674 0.000000 -4522533.946 0.000

L1.Temp 0.041833 0.000000 146624.448 0.000

L1.Precip. horaria -10.118096 0.000003 -3476941.485 0.000

L1.Temp. prom aire 0.717646 0.000000 3846517.998 0.000

L2.Conduct 1.548990 0.000000 8440230.505 0.000

L2.Water -1.553016 0.000000 -4866394.593 0.000

L2.Temp -2.014512 0.000000 -9334362.212 0.000

L2.Precip. horaria 61.677860 0.000006 10958881.941 0.000

L2.Temp. prom aire -1.734289 0.000000 -22086463.905 0.000

L3.Conduct 1.373798 0.000000 8489933.736 0.000

L3.Water -1.344149 0.000000 -4407429.861 0.000

L3.Temp 0.182770 0.000000 660519.232 0.000

L3.Precip. horaria -58.435070 0.000002 -33891652.294 0.000

L3.Temp. prom aire -0.972589 0.000000 -11364694.478 0.000

L4.Conduct 0.473515 0.000000 2741383.304 0.000

L4.Water -0.973268 0.000000 -3289142.188 0.000

L4.Temp -0.809076 0.000000 -3011005.443 0.000

L4.Precip. horaria -31.345417 0.000001 -25983286.615 0.000

L4.Temp. prom aire -0.018917 0.000000 -287350.196 0.000

L5.Conduct -1.125980 0.000000 -10942966.214 0.000

L5.Water 2.831068 0.000000 11609792.023 0.000

L5.Temp 2.296309 0.000000 8353391.102 0.000

L5.Precip. horaria 26.470963 0.000002 13205817.717 0.000

L5.Temp. prom aire 0.427525 0.000000 2998290.014 0.000

L6.Conduct -0.218286 0.000000 -624455.288 0.000

L6.Water 1.836287 0.000001 3613429.090 0.000

L6.Temp 1.701432 0.000000 25044920.628 0.000

L6.Precip. horaria 48.140096 0.000002 27439092.604 0.000

L6.Temp. prom aire -0.440680 0.000000 -2850957.802 0.000

L7.Conduct 1.293188 0.000000 6852701.909 0.000

L7.Water -2.859503 0.000001 -4054922.688 0.000

L7.Temp 0.672174 0.000000 1844446.741 0.000

L7.Precip. horaria 58.046699 0.000006 10346367.351 0.000

L7.Temp. prom aire 0.310913 0.000000 2902255.429 0.000

L8.Conduct -0.261234 0.000000 -1102512.511 0.000

L8.Water -1.318136 0.000000 -3384110.736 0.000

L8.Temp -1.976438 0.000000 -18899723.479 0.000

L8.Precip. horaria 119.875305 0.000001 107713166.160 0.000

L8.Temp. prom aire -0.199146 0.000000 -1265522.118 0.000

L9.Conduct -2.904966 0.000001 -5454640.444 0.000

L9.Water 1.476553 0.000000 4722263.617 0.000

L9.Temp 0.137423 0.000000 611879.477 0.000

L9.Precip. horaria 70.583627 0.000001 50703467.516 0.000

L9.Temp. prom aire -1.029253 0.000000 -9316387.181 0.000

L10.Conduct 5.643972 0.000000 12473166.707 0.000

L10.Water -3.393093 0.000000 -7078255.970 0.000

L10.Temp -1.753633 0.000000 -8471378.271 0.000

L10.Precip. horaria 75.646543 0.000003 25995646.616 0.000

L10.Temp. prom aire -0.781955 0.000000 -7379097.949 0.000

L11.Conduct -0.120823 0.000000 -302630.542 0.000

L11.Water 2.105477 0.000000 6710313.487 0.000

L11.Temp 1.330150 0.000000 5408680.995 0.000

L11.Precip. horaria 17.183354 0.000004 4622547.834 0.000

L11.Temp. prom aire 1.691226 0.000000 16737649.439 0.000

L12.Conduct -0.739736 0.000000 -11295933.955 0.000

L12.Water 0.272806 0.000000 1656540.076 0.000

L12.Temp 0.952413 0.000000 41270528.362 0.000

L12.Precip. horaria 95.030157 0.000004 23880511.390 0.000

L12.Temp. prom aire 1.649246 0.000000 8666654.128 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const -1.292828 0.000011 -115378.541 0.000

L1.Conduct 0.039761 0.000000 230796.113 0.000

L1.Water 1.996757 0.000000 8317228.561 0.000

L1.Temp 0.425612 0.000000 2011018.686 0.000

L1.Precip. horaria 6.647300 0.000002 3079355.758 0.000

L1.Temp. prom aire -0.732260 0.000000 -5291013.326 0.000

L2.Conduct -0.597843 0.000000 -4391458.633 0.000

L2.Water 0.190519 0.000000 804796.846 0.000

L2.Temp 1.394773 0.000000 8712331.207 0.000

L2.Precip. horaria -41.210162 0.000004 -9870910.775 0.000

L2.Temp. prom aire 0.704261 0.000000 12090789.013 0.000

L3.Conduct -0.469369 0.000000 -3910313.997 0.000

L3.Water 0.821149 0.000000 3629740.606 0.000

L3.Temp -0.487942 0.000000 -2377199.110 0.000

L3.Precip. horaria 40.831996 0.000001 31925355.447 0.000

L3.Temp. prom aire 0.269232 0.000000 4241029.405 0.000

L4.Conduct -0.892436 0.000000 -6965124.466 0.000

L4.Water 1.306319 0.000000 5951348.399 0.000

L4.Temp 1.186135 0.000000 5950762.101 0.000

L4.Precip. horaria 18.406820 0.000001 20569075.091 0.000

L4.Temp. prom aire -0.494231 0.000000 -10120518.689 0.000

L5.Conduct 2.135457 0.000000 27977644.776 0.000

L5.Water -3.857990 0.000000 -21328047.288 0.000

L5.Temp -1.203432 0.000000 -5901600.467 0.000

L5.Precip. horaria -15.699422 0.000001 -10558328.230 0.000

L5.Temp. prom aire -0.915150 0.000000 -8652074.753 0.000

L6.Conduct -0.332020 0.000000 -1280431.674 0.000

L6.Water 0.302738 0.000000 803085.348 0.000

L6.Temp -0.241801 0.000000 -4798215.216 0.000

L6.Precip. horaria -28.231851 0.000001 -21692924.598 0.000

L6.Temp. prom aire -0.037599 0.000000 -327910.943 0.000

L7.Conduct -0.996842 0.000000 -7121021.167 0.000

L7.Water 2.998189 0.000001 5731481.700 0.000

L7.Temp 0.500453 0.000000 1851244.113 0.000

L7.Precip. horaria -51.396861 0.000004 -12349885.122 0.000

L7.Temp. prom aire -0.541016 0.000000 -6808053.250 0.000

L8.Conduct 1.310392 0.000000 7455409.979 0.000

L8.Water -0.677428 0.000000 -2344571.325 0.000

L8.Temp 1.807858 0.000000 23305179.439 0.000

L8.Precip. horaria -91.938699 0.000001 -111366193.691 0.000

L8.Temp. prom aire -0.138197 0.000000 -1183892.098 0.000

L9.Conduct 1.340576 0.000000 3393381.144 0.000

L9.Water -0.509132 0.000000 -2195064.949 0.000

L9.Temp -0.216007 0.000000 -1296550.989 0.000

L9.Precip. horaria -44.568944 0.000001 -43160054.862 0.000

L9.Temp. prom aire 0.526723 0.000000 6427225.791 0.000

L10.Conduct -4.527953 0.000000 -13489933.223 0.000

L10.Water 2.500400 0.000000 7031627.512 0.000

L10.Temp 1.213077 0.000000 7899863.904 0.000

L10.Precip. horaria -63.338520 0.000002 -29342384.795 0.000

L10.Temp. prom aire 0.532326 0.000000 6771970.313 0.000

L11.Conduct 0.897715 0.000000 3031222.198 0.000

L11.Water -1.815266 0.000000 -7799172.034 0.000

L11.Temp -1.496893 0.000000 -8205354.005 0.000

L11.Precip. horaria -6.452782 0.000003 -2340110.805 0.000

L11.Temp. prom aire -1.040112 0.000000 -13876788.471 0.000

L12.Conduct 0.350984 0.000000 7225188.212 0.000

L12.Water 0.140279 0.000000 1148305.872 0.000

L12.Temp -0.763097 0.000000 -44576963.299 0.000

L12.Precip. horaria -69.924687 0.000003 -23688014.635 0.000

L12.Temp. prom aire -0.881044 0.000000 -6241363.309 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.017549 0.000001 -22095.252 0.000

L1.Conduct -0.005714 0.000000 -467929.947 0.000

L1.Water 0.147819 0.000000 8686327.636 0.000

L1.Temp -0.004706 0.000000 -313671.126 0.000

L1.Precip. horaria 1.313790 0.000000 8586015.222 0.000

L1.Temp. prom aire -0.017763 0.000000 -1810707.642 0.000

L2.Conduct -0.094578 0.000000 -9800837.211 0.000

L2.Water 0.100879 0.000000 6011699.042 0.000

L2.Temp 0.108307 0.000000 9544208.637 0.000

L2.Precip. horaria -2.996851 0.000000 -10126727.755 0.000

L2.Temp. prom aire 0.111048 0.000000 26895724.901 0.000

L3.Conduct -0.058547 0.000000 -6880968.858 0.000

L3.Water 0.062607 0.000000 3904192.488 0.000

L3.Temp -0.063392 0.000000 -4356944.575 0.000

L3.Precip. horaria 3.097682 0.000000 34168275.885 0.000

L3.Temp. prom aire 0.072652 0.000000 16145162.751 0.000

L4.Conduct -0.032128 0.000000 -3537420.003 0.000

L4.Water -0.015145 0.000000 -973362.492 0.000

L4.Temp -0.018178 0.000000 -1286580.740 0.000

L4.Precip. horaria 2.073327 0.000000 32685484.519 0.000

L4.Temp. prom aire 0.020628 0.000000 5959093.791 0.000

L5.Conduct 0.079722 0.000000 14734940.743 0.000

L5.Water -0.200739 0.000000 -15655681.896 0.000

L5.Temp -0.133484 0.000000 -9234808.379 0.000

L5.Precip. horaria -1.502009 0.000000 -14250662.896 0.000

L5.Temp. prom aire -0.008573 0.000000 -1143377.222 0.000

L6.Conduct -0.001405 0.000000 -76447.791 0.000

L6.Water -0.078592 0.000000 -2941192.710 0.000

L6.Temp -0.089382 0.000000 -25022072.845 0.000

L6.Precip. horaria -2.553234 0.000000 -27677088.480 0.000

L6.Temp. prom aire 0.024988 0.000000 3074382.696 0.000

L7.Conduct -0.036440 0.000000 -3672371.344 0.000

L7.Water 0.236110 0.000000 6367553.110 0.000

L7.Temp 0.000882 0.000000 46032.520 0.000

L7.Precip. horaria -3.842164 0.000000 -13024268.370 0.000

L7.Temp. prom aire -0.017201 0.000000 -3053691.501 0.000

L8.Conduct 0.001884 0.000000 151244.934 0.000

L8.Water 0.029745 0.000000 1452333.672 0.000

L8.Temp 0.119899 0.000000 21804857.711 0.000

L8.Precip. horaria -6.400953 0.000000 -109383228.612 0.000

L8.Temp. prom aire 0.010918 0.000000 1319503.228 0.000

L9.Conduct 0.194187 0.000000 6934458.824 0.000

L9.Water -0.137237 0.000000 -8347171.386 0.000

L9.Temp -0.011923 0.000000 -1009647.066 0.000

L9.Precip. horaria -2.833087 0.000000 -38704423.228 0.000

L9.Temp. prom aire 0.056955 0.000000 9804433.937 0.000

L10.Conduct -0.388048 0.000000 -16309643.215 0.000

L10.Water 0.246012 0.000000 9760096.118 0.000

L10.Temp 0.069794 0.000000 6412112.925 0.000

L10.Precip. horaria -4.331714 0.000000 -28309900.069 0.000

L10.Temp. prom aire 0.051719 0.000000 9281861.610 0.000

L11.Conduct 0.067285 0.000000 3205171.190 0.000

L11.Water -0.141012 0.000000 -8547024.836 0.000

L11.Temp -0.080552 0.000000 -6229195.446 0.000

L11.Precip. horaria -0.278148 0.000000 -1423038.093 0.000

L11.Temp. prom aire -0.048309 0.000000 -9092540.669 0.000

L12.Conduct 0.064378 0.000000 18695944.546 0.000

L12.Water -0.005442 0.000000 -628455.200 0.000

L12.Temp -0.012818 0.000000 -10563581.587 0.000

L12.Precip. horaria -5.011431 0.000000 -23950302.581 0.000

L12.Temp. prom aire -0.099970 0.000000 -9990814.335 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 4.218481 0.000004 976744.649 0.000

L1.Conduct 0.650249 0.000000 9792346.490 0.000

L1.Water -0.867407 0.000000 -9373835.240 0.000

L1.Temp -0.346107 0.000000 -4242800.916 0.000

L1.Precip. horaria -0.338458 0.000001 -406780.141 0.000

L1.Temp. prom aire -0.510832 0.000000 -9576180.426 0.000

L2.Conduct 0.304201 0.000000 5797257.402 0.000

L2.Water -0.339666 0.000000 -3722551.802 0.000

L2.Temp 0.756737 0.000000 12263561.921 0.000

L2.Precip. horaria -6.952142 0.000002 -4320283.194 0.000

L2.Temp. prom aire -0.595280 0.000000 -26514470.795 0.000

L3.Conduct -0.308837 0.000000 -6675256.672 0.000

L3.Water 1.213973 0.000000 13922056.389 0.000

L3.Temp 1.271532 0.000000 16071840.143 0.000

L3.Precip. horaria -0.987309 0.000000 -2002760.145 0.000

L3.Temp. prom aire -0.706817 0.000000 -28886288.743 0.000

L4.Conduct 0.149835 0.000000 3033928.060 0.000

L4.Water 0.146474 0.000000 1731280.829 0.000

L4.Temp 0.277966 0.000000 3618018.955 0.000

L4.Precip. horaria -0.702581 0.000000 -2036915.958 0.000

L4.Temp. prom aire -0.468774 0.000000 -24904448.176 0.000

L5.Conduct -0.015376 0.000000 -522632.684 0.000

L5.Water 0.777753 0.000000 11155066.654 0.000

L5.Temp 0.896668 0.000000 11408290.405 0.000

L5.Precip. horaria 2.329031 0.000001 4063753.837 0.000

L5.Temp. prom aire 0.135890 0.000000 3333150.221 0.000

L6.Conduct -0.054025 0.000000 -540542.129 0.000

L6.Water -1.336996 0.000000 -9201651.440 0.000

L6.Temp -0.520111 0.000000 -26776748.116 0.000

L6.Precip. horaria 12.855550 0.000001 25627728.139 0.000

L6.Temp. prom aire -0.178110 0.000000 -4030081.225 0.000

L7.Conduct -0.508563 0.000000 -9425436.744 0.000

L7.Water 0.880285 0.000000 4365879.506 0.000

L7.Temp 0.098743 0.000000 947648.027 0.000

L7.Precip. horaria -3.743069 0.000002 -2333430.431 0.000

L7.Temp. prom aire -0.291426 0.000000 -9514409.592 0.000

L8.Conduct 0.001761 0.000000 25998.637 0.000

L8.Water -0.523540 0.000000 -4701009.980 0.000

L8.Temp -0.817591 0.000000 -27344171.540 0.000

L8.Precip. horaria 4.606826 0.000000 14477631.627 0.000

L8.Temp. prom aire -0.306104 0.000000 -6803367.820 0.000

L9.Conduct 1.415750 0.000000 9297546.300 0.000

L9.Water -1.162975 0.000000 -13008523.511 0.000

L9.Temp 0.189294 0.000000 2947811.221 0.000

L9.Precip. horaria -10.686455 0.000000 -26848745.995 0.000

L9.Temp. prom aire -0.023082 0.000000 -730723.729 0.000

L10.Conduct -1.105873 0.000000 -8547788.179 0.000

L10.Water 1.012120 0.000000 7384468.742 0.000

L10.Temp -0.124426 0.000000 -2102238.610 0.000

L10.Precip. horaria 7.948435 0.000001 9553220.921 0.000

L10.Temp. prom aire -0.391005 0.000000 -12905066.840 0.000

L11.Conduct 0.631166 0.000000 5529216.573 0.000

L11.Water -0.133702 0.000000 -1490347.389 0.000

L11.Temp 0.178924 0.000000 2544582.300 0.000

L11.Precip. horaria -12.270355 0.000001 -11544821.396 0.000

L11.Temp. prom aire 0.005982 0.000000 207060.118 0.000

L12.Conduct -0.303018 0.000000 -16183421.843 0.000

L12.Water 0.285086 0.000000 6054534.587 0.000

L12.Temp 0.635731 0.000000 96348507.950 0.000

L12.Precip. horaria -11.754341 0.000001 -10330874.727 0.000

L12.Temp. prom aire -0.289221 0.000000 -5315605.454 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.535923 -0.705312 -0.551485 0.378188

Water 0.535923 1.000000 -0.943168 -0.930650 -0.447449

Temp -0.705312 -0.943168 1.000000 0.869759 0.288544

Precip. horaria -0.551485 -0.930650 0.869759 1.000000 0.257557

Temp. prom aire 0.378188 -0.447449 0.288544 0.257557 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -246.543

Nobs: 59.0000 HQIC: -253.090

Log likelihood: 7476.24 FPE: -4.61627e-108

AIC: -257.282 Det(Omega\_mle): -1.32631e-109

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 429.887401 NAN NAN NAN

L1.Conduct 3.081929 0.000004 697177.839 0.000

L1.Water -21.332457 0.000057 -374729.560 0.000

L1.Temp -4.091849 NAN NAN NAN

L1.Precip. horaria 175.758157 0.000100 1755828.676 0.000

L1.Temp. prom aire -1.293142 0.000004 -309784.346 0.000

L2.Conduct -6.004358 NAN NAN NAN

L2.Water 55.338930 NAN NAN NAN

L2.Temp 2.861315 0.000010 275386.882 0.000

L2.Precip. horaria -280.811794 NAN NAN NAN

L2.Temp. prom aire -1.097691 NAN NAN NAN

L3.Conduct 7.005432 0.000001 4931647.332 0.000

L3.Water -70.955134 NAN NAN NAN

L3.Temp -3.402263 NAN NAN NAN

L3.Precip. horaria 278.603542 0.000280 996593.969 0.000

L3.Temp. prom aire -1.467010 0.000004 -332158.868 0.000

L4.Conduct -6.183309 0.000006 -989381.784 0.000

L4.Water 66.616823 0.000028 2401474.530 0.000

L4.Temp 8.074265 NAN NAN NAN

L4.Precip. horaria -46.380581 0.000318 -145636.338 0.000

L4.Temp. prom aire -1.973192 NAN NAN NAN

L5.Conduct 3.967949 NAN NAN NAN

L5.Water -48.369022 NAN NAN NAN

L5.Temp -0.861501 NAN NAN NAN

L5.Precip. horaria 31.991687 NAN NAN NAN

L5.Temp. prom aire -2.790501 NAN NAN NAN

L6.Conduct -1.900270 NAN NAN NAN

L6.Water 26.755887 NAN NAN NAN

L6.Temp 3.402931 NAN NAN NAN

L6.Precip. horaria 40.025903 NAN NAN NAN

L6.Temp. prom aire -2.285673 NAN NAN NAN

L7.Conduct -0.725675 0.000003 -241373.393 0.000

L7.Water -4.210009 NAN NAN NAN

L7.Temp -2.854430 NAN NAN NAN

L7.Precip. horaria -8.391041 NAN NAN NAN

L7.Temp. prom aire -1.798697 0.000001 -1964962.872 0.000

L8.Conduct 0.828596 NAN NAN NAN

L8.Water -1.922900 NAN NAN NAN

L8.Temp 2.109002 NAN NAN NAN

L8.Precip. horaria 3.588907 NAN NAN NAN

L8.Temp. prom aire -1.481687 0.000003 -498865.584 0.000

L9.Conduct 0.605728 0.000001 763091.625 0.000

L9.Water -7.444114 NAN NAN NAN

L9.Temp -3.014877 NAN NAN NAN

L9.Precip. horaria 19.023451 0.000305 62373.669 0.000

L9.Temp. prom aire -0.336247 NAN NAN NAN

L10.Conduct -1.422434 0.000003 -424293.420 0.000

L10.Water 10.321778 0.000007 1489665.659 0.000

L10.Temp 1.197338 0.000005 258878.047 0.000

L10.Precip. horaria -40.759975 0.000466 -87409.118 0.000

L10.Temp. prom aire 1.311835 0.000003 430346.630 0.000

L11.Conduct 0.599229 0.000002 301023.675 0.000

L11.Water -6.815962 0.000016 -426386.724 0.000

L11.Temp -6.285504 0.000003 -2503417.478 0.000

L11.Precip. horaria 69.082618 0.000431 160178.044 0.000

L11.Temp. prom aire 1.664094 0.000001 2753354.277 0.000

L12.Conduct -0.250735 0.000001 -241648.097 0.000

L12.Water 1.696103 0.000020 83756.054 0.000

L12.Temp -3.608010 0.000005 -795415.690 0.000

L12.Precip. horaria -127.595928 NAN NAN NAN

L12.Temp. prom aire 1.915330 0.000001 1648012.453 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 29.934694 NAN NAN NAN

L1.Conduct 0.141802 0.000000 396961.595 0.000

L1.Water -0.443029 0.000005 -96305.834 0.000

L1.Temp -0.478683 NAN NAN NAN

L1.Precip. horaria 8.734128 0.000008 1079766.716 0.000

L1.Temp. prom aire 0.033438 0.000000 99127.756 0.000

L2.Conduct -0.529104 NAN NAN NAN

L2.Water 4.890389 NAN NAN NAN

L2.Temp 0.280721 0.000001 334346.422 0.000

L2.Precip. horaria -23.205820 NAN NAN NAN

L2.Temp. prom aire -0.003836 NAN NAN NAN

L3.Conduct 0.757763 0.000000 6601373.136 0.000

L3.Water -7.481271 NAN NAN NAN

L3.Temp -0.213386 NAN NAN NAN

L3.Precip. horaria 28.818769 0.000023 1275706.469 0.000

L3.Temp. prom aire -0.042909 0.000000 -120227.312 0.000

L4.Conduct -0.634032 0.000001 -1255446.249 0.000

L4.Water 6.581964 0.000002 2936251.829 0.000

L4.Temp 0.523280 NAN NAN NAN

L4.Precip. horaria -9.026405 0.000026 -350745.503 0.000

L4.Temp. prom aire -0.044358 NAN NAN NAN

L5.Conduct 0.375065 NAN NAN NAN

L5.Water -4.560210 NAN NAN NAN

L5.Temp -0.076857 NAN NAN NAN

L5.Precip. horaria 0.194147 NAN NAN NAN

L5.Temp. prom aire -0.140773 NAN NAN NAN

L6.Conduct -0.181282 NAN NAN NAN

L6.Water 2.136734 NAN NAN NAN

L6.Temp 0.137863 NAN NAN NAN

L6.Precip. horaria 5.137819 NAN NAN NAN

L6.Temp. prom aire -0.166732 NAN NAN NAN

L7.Conduct -0.073678 0.000000 -303268.415 0.000

L7.Water -0.064686 NAN NAN NAN

L7.Temp -0.213561 NAN NAN NAN

L7.Precip. horaria -1.631913 NAN NAN NAN

L7.Temp. prom aire -0.106398 0.000000 -1438378.134 0.000

L8.Conduct 0.108508 NAN NAN NAN

L8.Water -0.166694 NAN NAN NAN

L8.Temp 0.105156 NAN NAN NAN

L8.Precip. horaria 10.238200 NAN NAN NAN

L8.Temp. prom aire -0.042603 0.000000 -177504.897 0.000

L9.Conduct 0.061015 0.000000 951211.414 0.000

L9.Water -0.652425 NAN NAN NAN

L9.Temp -0.110525 NAN NAN NAN

L9.Precip. horaria 9.658416 0.000025 391887.676 0.000

L9.Temp. prom aire 0.053802 NAN NAN NAN

L10.Conduct -0.153695 0.000000 -567331.797 0.000

L10.Water 1.108115 0.000001 1979077.513 0.000

L10.Temp -0.075147 0.000000 -201062.615 0.000

L10.Precip. horaria 1.361533 0.000038 36132.237 0.000

L10.Temp. prom aire 0.163437 0.000000 663487.756 0.000

L11.Conduct 0.092319 0.000000 573909.902 0.000

L11.Water -0.870911 0.000001 -674208.309 0.000

L11.Temp -0.510367 0.000000 -2515472.899 0.000

L11.Precip. horaria 5.697133 0.000035 163468.586 0.000

L11.Temp. prom aire 0.221083 0.000000 4526714.480 0.000

L12.Conduct -0.045174 0.000000 -538770.088 0.000

L12.Water 0.167109 0.000002 102119.144 0.000

L12.Temp -0.246605 0.000000 -672778.368 0.000

L12.Precip. horaria -6.145245 NAN NAN NAN

L12.Temp. prom aire 0.221882 0.000000 2362563.612 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const -46.501490 NAN NAN NAN

L1.Conduct -0.123083 0.000000 -261064.157 0.000

L1.Water -0.096486 0.000006 -15891.685 0.000

L1.Temp -0.159872 NAN NAN NAN

L1.Precip. horaria -25.469913 0.000011 -2385729.164 0.000

L1.Temp. prom aire 0.509655 0.000000 1144766.604 0.000

L2.Conduct 0.428878 NAN NAN NAN

L2.Water -3.735558 NAN NAN NAN

L2.Temp -1.019433 0.000001 -919947.820 0.000

L2.Precip. horaria 22.777490 NAN NAN NAN

L2.Temp. prom aire 0.023620 NAN NAN NAN

L3.Conduct -0.818478 0.000000 -5402456.419 0.000

L3.Water 9.744844 NAN NAN NAN

L3.Temp 0.321140 NAN NAN NAN

L3.Precip. horaria -36.448654 0.000030 -1222475.452 0.000

L3.Temp. prom aire 0.126493 0.000000 268538.102 0.000

L4.Conduct 0.892822 0.000001 1339475.856 0.000

L4.Water -8.898630 0.000003 -3007767.306 0.000

L4.Temp -0.865630 NAN NAN NAN

L4.Precip. horaria 19.588218 0.000034 576707.379 0.000

L4.Temp. prom aire 0.481999 NAN NAN NAN

L5.Conduct -0.612989 NAN NAN NAN

L5.Water 6.595119 NAN NAN NAN

L5.Temp 1.203595 NAN NAN NAN

L5.Precip. horaria -18.771078 NAN NAN NAN

L5.Temp. prom aire 0.258211 NAN NAN NAN

L6.Conduct 0.172146 NAN NAN NAN

L6.Water -3.109018 NAN NAN NAN

L6.Temp -0.027235 NAN NAN NAN

L6.Precip. horaria -0.467245 NAN NAN NAN

L6.Temp. prom aire 0.060602 NAN NAN NAN

L7.Conduct 0.126112 0.000000 393306.858 0.000

L7.Water 0.349755 NAN NAN NAN

L7.Temp 0.790297 NAN NAN NAN

L7.Precip. horaria -21.471360 NAN NAN NAN

L7.Temp. prom aire 0.231430 0.000000 2370513.949 0.000

L8.Conduct -0.048575 NAN NAN NAN

L8.Water -0.748061 NAN NAN NAN

L8.Temp -0.572906 NAN NAN NAN

L8.Precip. horaria -23.357540 NAN NAN NAN

L8.Temp. prom aire 0.481929 0.000000 1521377.930 0.000

L9.Conduct 0.016217 0.000000 191556.519 0.000

L9.Water -0.048741 NAN NAN NAN

L9.Temp 0.289201 NAN NAN NAN

L9.Precip. horaria -19.057864 0.000033 -585886.148 0.000

L9.Temp. prom aire 0.499640 NAN NAN NAN

L10.Conduct -0.012820 0.000000 -35855.216 0.000

L10.Water -0.666921 0.000001 -902476.640 0.000

L10.Temp -1.289776 0.000000 -2614685.962 0.000

L10.Precip. horaria 3.675610 0.000050 73905.935 0.000

L10.Temp. prom aire 0.602418 0.000000 1852952.741 0.000

L11.Conduct -0.043065 0.000000 -202842.413 0.000

L11.Water 1.147929 0.000002 673315.442 0.000

L11.Temp -0.740746 0.000000 -2766235.980 0.000

L11.Precip. horaria -12.341957 0.000046 -268315.192 0.000

L11.Temp. prom aire 1.179374 0.000000 18296287.959 0.000

L12.Conduct 0.115208 0.000000 1041066.750 0.000

L12.Water -0.010055 0.000002 -4655.711 0.000

L12.Temp 0.072113 0.000000 149061.371 0.000

L12.Precip. horaria 1.926657 NAN NAN NAN

L12.Temp. prom aire 1.021355 0.000000 8239872.973 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -2.794633 NAN NAN NAN

L1.Conduct -0.031664 0.000000 -752951.677 0.000

L1.Water 0.229287 0.000001 423386.775 0.000

L1.Temp -0.003951 NAN NAN NAN

L1.Precip. horaria -1.463679 0.000001 -1537069.764 0.000

L1.Temp. prom aire 0.025813 0.000000 650029.190 0.000

L2.Conduct 0.050752 NAN NAN NAN

L2.Water -0.439678 NAN NAN NAN

L2.Temp 0.002631 0.000000 26614.792 0.000

L2.Precip. horaria 2.919397 NAN NAN NAN

L2.Temp. prom aire -0.007700 NAN NAN NAN

L3.Conduct -0.029717 0.000000 -2199069.104 0.000

L3.Water 0.329213 NAN NAN NAN

L3.Temp -0.047986 NAN NAN NAN

L3.Precip. horaria -1.906626 0.000003 -716932.495 0.000

L3.Temp. prom aire 0.002713 0.000000 64566.987 0.000

L4.Conduct 0.008706 0.000000 146428.839 0.000

L4.Water -0.148769 0.000000 -563749.962 0.000

L4.Temp -0.057709 NAN NAN NAN

L4.Precip. horaria -1.400409 0.000003 -462242.058 0.000

L4.Temp. prom aire 0.043451 NAN NAN NAN

L5.Conduct -0.001211 NAN NAN NAN

L5.Water 0.015408 NAN NAN NAN

L5.Temp 0.009464 NAN NAN NAN

L5.Precip. horaria 1.281655 NAN NAN NAN

L5.Temp. prom aire 0.034471 NAN NAN NAN

L6.Conduct -0.017873 NAN NAN NAN

L6.Water 0.120941 NAN NAN NAN

L6.Temp 0.005850 NAN NAN NAN

L6.Precip. horaria -0.980452 NAN NAN NAN

L6.Temp. prom aire 0.028062 NAN NAN NAN

L7.Conduct 0.033142 0.000000 1158794.601 0.000

L7.Water -0.187192 NAN NAN NAN

L7.Temp 0.001450 NAN NAN NAN

L7.Precip. horaria 1.186196 NAN NAN NAN

L7.Temp. prom aire 0.036891 0.000000 4236402.604 0.000

L8.Conduct -0.018501 NAN NAN NAN

L8.Water 0.156390 NAN NAN NAN

L8.Temp -0.036953 NAN NAN NAN

L8.Precip. horaria 0.726781 NAN NAN NAN

L8.Temp. prom aire 0.040248 0.000000 1424459.291 0.000

L9.Conduct -0.005108 0.000000 -676480.009 0.000

L9.Water -0.053736 NAN NAN NAN

L9.Temp -0.025350 NAN NAN NAN

L9.Precip. horaria 0.948519 0.000003 326918.342 0.000

L9.Temp. prom aire 0.022579 NAN NAN NAN

L10.Conduct 0.013492 0.000000 423049.079 0.000

L10.Water -0.056260 0.000000 -853518.116 0.000

L10.Temp -0.092112 0.000000 -2093511.541 0.000

L10.Precip. horaria 0.336072 0.000004 75759.312 0.000

L10.Temp. prom aire 0.028111 0.000000 969380.381 0.000

L11.Conduct -0.003213 0.000000 -169685.454 0.000

L11.Water 0.021503 0.000000 141401.210 0.000

L11.Temp -0.007674 0.000000 -321285.475 0.000

L11.Precip. horaria 0.333518 0.000004 81289.612 0.000

L11.Temp. prom aire 0.079425 0.000000 13814076.593 0.000

L12.Conduct 0.002274 0.000000 230395.695 0.000

L12.Water 0.022028 0.000000 114347.701 0.000

L12.Temp 0.068837 0.000000 1595262.293 0.000

L12.Precip. horaria 2.213839 NAN NAN NAN

L12.Temp. prom aire 0.050608 0.000000 4577365.844 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 68.798086 NAN NAN NAN

L1.Conduct -0.241694 0.000001 -320250.665 0.000

L1.Water 1.495549 0.000010 153879.597 0.000

L1.Temp -0.700025 NAN NAN NAN

L1.Precip. horaria -16.673614 0.000017 -975662.494 0.000

L1.Temp. prom aire -0.698072 0.000001 -979527.906 0.000

L2.Conduct 0.565592 NAN NAN NAN

L2.Water -6.745276 NAN NAN NAN

L2.Temp 0.848853 0.000002 478534.612 0.000

L2.Precip. horaria 16.334850 NAN NAN NAN

L2.Temp. prom aire -0.857565 NAN NAN NAN

L3.Conduct -0.154087 0.000000 -635368.668 0.000

L3.Water 2.495174 NAN NAN NAN

L3.Temp -0.416646 NAN NAN NAN

L3.Precip. horaria 4.379555 0.000048 91762.420 0.000

L3.Temp. prom aire -1.535225 0.000001 -2036048.002 0.000

L4.Conduct -0.474668 0.000001 -444872.858 0.000

L4.Water 6.098828 0.000005 1287785.867 0.000

L4.Temp 1.496473 NAN NAN NAN

L4.Precip. horaria -36.002394 0.000054 -662167.982 0.000

L4.Temp. prom aire -0.477821 NAN NAN NAN

L5.Conduct 1.174267 NAN NAN NAN

L5.Water -11.891770 NAN NAN NAN

L5.Temp -0.468778 NAN NAN NAN

L5.Precip. horaria 50.163808 NAN NAN NAN

L5.Temp. prom aire -0.150646 NAN NAN NAN

L6.Conduct -1.378046 NAN NAN NAN

L6.Water 13.382361 NAN NAN NAN

L6.Temp 1.653114 NAN NAN NAN

L6.Precip. horaria -47.915355 NAN NAN NAN

L6.Temp. prom aire -0.007446 NAN NAN NAN

L7.Conduct 0.996216 0.000001 1940903.470 0.000

L7.Water -10.248302 NAN NAN NAN

L7.Temp -0.242067 NAN NAN NAN

L7.Precip. horaria 31.018316 NAN NAN NAN

L7.Temp. prom aire -0.240124 0.000000 -1536511.194 0.000

L8.Conduct -0.468458 NAN NAN NAN

L8.Water 5.600064 NAN NAN NAN

L8.Temp 0.024634 NAN NAN NAN

L8.Precip. horaria -36.329444 NAN NAN NAN

L8.Temp. prom aire -0.040214 0.000001 -79305.966 0.000

L9.Conduct 0.092979 0.000000 686102.157 0.000

L9.Water -3.720489 NAN NAN NAN

L9.Temp -0.645324 NAN NAN NAN

L9.Precip. horaria 5.347933 0.000052 102707.269 0.000

L9.Temp. prom aire -0.082662 NAN NAN NAN

L10.Conduct 0.234754 0.000001 410156.657 0.000

L10.Water -0.478936 0.000001 -404869.290 0.000

L10.Temp 0.318770 0.000001 403700.082 0.000

L10.Precip. horaria -1.639348 0.000080 -20591.937 0.000

L10.Temp. prom aire -0.397992 0.000001 -764745.986 0.000

L11.Conduct -0.117233 0.000000 -344954.644 0.000

L11.Water -1.133271 0.000003 -415253.781 0.000

L11.Temp -1.554551 0.000000 -3626613.080 0.000

L11.Precip. horaria 28.699463 0.000074 389772.503 0.000

L11.Temp. prom aire 0.070159 0.000000 679943.291 0.000

L12.Conduct 0.178757 0.000000 1009097.624 0.000

L12.Water 1.368655 0.000003 395878.032 0.000

L12.Temp 1.533144 0.000001 1979760.478 0.000

L12.Precip. horaria -2.307156 NAN NAN NAN

L12.Temp. prom aire 0.703456 0.000000 3545330.899 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.948286 -0.992379 -0.873252 0.927485

Water 0.948286 1.000000 -0.940920 -0.970985 0.942458

Temp -0.992379 -0.940920 1.000000 0.868039 -0.906068

Precip. horaria -0.873252 -0.970985 0.868039 1.000000 -0.877491

Temp. prom aire 0.927485 0.942458 -0.906068 -0.877491 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -271.941

Nobs: 59.0000 HQIC: -278.488

Log likelihood: 8225.49 FPE: -4.30567e-119

AIC: -282.680 Det(Omega\_mle): -1.23707e-120

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Results for equation Conduct

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coefficient std. error t-stat prob

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const -12.341821 NAN NAN NAN

L1.Conduct -1.602844 NAN NAN NAN

L1.Water 3.171215 NAN NAN NAN

L1.Temp -0.586215 NAN NAN NAN

L1.Precip. horaria 20.675756 0.000002 13418510.728 0.000

L1.Temp. prom aire 0.238526 0.000000 5687881.514 0.000

L2.Conduct 1.776012 0.000000 11496843.513 0.000

L2.Water -2.887937 0.000000 -9433690.605 0.000

L2.Temp -0.441702 0.000000 -12173054.984 0.000

L2.Precip. horaria -0.035371 0.000002 -15884.851 0.000

L2.Temp. prom aire 0.142765 NAN NAN NAN

L3.Conduct 0.531105 NAN NAN NAN

L3.Water -0.633728 NAN NAN NAN

L3.Temp -1.369300 0.000000 -15098993.426 0.000

L3.Precip. horaria -16.282459 0.000001 -28132710.671 0.000

L3.Temp. prom aire 1.227559 NAN NAN NAN

L4.Conduct -1.352178 NAN NAN NAN

L4.Water 0.802397 NAN NAN NAN

L4.Temp -0.681420 0.000000 -6170835.131 0.000

L4.Precip. horaria 13.481897 0.000002 8126155.797 0.000

L4.Temp. prom aire 1.425460 0.000000 8662703.472 0.000

L5.Conduct -2.131532 0.000000 -20836750.921 0.000

L5.Water 2.736319 NAN NAN NAN

L5.Temp 0.330352 0.000000 10342802.067 0.000

L5.Precip. horaria -10.087448 0.000002 -5934843.947 0.000

L5.Temp. prom aire 0.503392 0.000000 5145856.370 0.000

L6.Conduct 1.536153 NAN NAN NAN

L6.Water -1.890800 NAN NAN NAN

L6.Temp -0.355953 NAN NAN NAN

L6.Precip. horaria 11.261380 0.000001 15138951.248 0.000

L6.Temp. prom aire 0.091922 0.000000 2638025.998 0.000

L7.Conduct 2.007440 0.000000 12687237.294 0.000

L7.Water -1.504226 0.000000 -7349695.695 0.000

L7.Temp 0.307638 0.000000 5273414.280 0.000

L7.Precip. horaria -35.895384 0.000001 -59800615.317 0.000

L7.Temp. prom aire 0.510319 0.000000 13196257.436 0.000

L8.Conduct -0.403665 0.000000 -14060304.360 0.000

L8.Water -1.314408 0.000000 -20906370.078 0.000

L8.Temp -0.394562 0.000000 -12098500.656 0.000

L8.Precip. horaria -25.054237 NAN NAN NAN

L8.Temp. prom aire 0.504843 0.000000 5665594.440 0.000

L9.Conduct -1.180466 NAN NAN NAN

L9.Water 1.646834 NAN NAN NAN

L9.Temp 0.000241 NAN NAN NAN

L9.Precip. horaria -18.332703 0.000001 -12565718.018 0.000

L9.Temp. prom aire 0.497172 0.000000 11866921.192 0.000

L10.Conduct -1.775892 0.000000 -18319133.710 0.000

L10.Water 1.456044 0.000000 16572563.458 0.000

L10.Temp -0.830033 NAN NAN NAN

L10.Precip. horaria -5.103723 0.000002 -2867028.031 0.000

L10.Temp. prom aire 0.742751 0.000000 16906751.696 0.000

L11.Conduct 2.257524 0.000000 58146486.006 0.000

L11.Water -1.973916 NAN NAN NAN

L11.Temp -0.393016 NAN NAN NAN

L11.Precip. horaria 24.941886 NAN NAN NAN

L11.Temp. prom aire 1.538041 0.000000 13758185.973 0.000

L12.Conduct 0.471088 0.000000 5826054.017 0.000

L12.Water 0.422723 0.000000 84482598.631 0.000

L12.Temp -0.244985 NAN NAN NAN

L12.Precip. horaria 9.560019 0.000002 5611365.875 0.000

L12.Temp. prom aire 1.120579 0.000000 8386048.091 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const -15.328904 NAN NAN NAN

L1.Conduct -1.879272 NAN NAN NAN

L1.Water 3.629625 NAN NAN NAN

L1.Temp -0.149994 NAN NAN NAN

L1.Precip. horaria 13.082958 0.000002 5841090.807 0.000

L1.Temp. prom aire 0.173910 0.000000 2852886.084 0.000

L2.Conduct 1.097849 0.000000 4889005.016 0.000

L2.Water -1.809444 0.000000 -4066157.342 0.000

L2.Temp -0.446827 0.000000 -8471390.646 0.000

L2.Precip. horaria -0.361452 0.000003 -111667.645 0.000

L2.Temp. prom aire 0.153842 NAN NAN NAN

L3.Conduct 0.509144 NAN NAN NAN

L3.Water -0.335878 NAN NAN NAN

L3.Temp -0.847338 0.000000 -6427637.214 0.000

L3.Precip. horaria -10.916692 0.000001 -12975608.476 0.000

L3.Temp. prom aire 0.836039 NAN NAN NAN

L4.Conduct -0.594096 NAN NAN NAN

L4.Water 0.038085 NAN NAN NAN

L4.Temp -0.518998 0.000000 -3233252.104 0.000

L4.Precip. horaria 10.953204 0.000002 4541720.205 0.000

L4.Temp. prom aire 0.984342 0.000000 4115183.729 0.000

L5.Conduct -1.652635 0.000000 -11113741.874 0.000

L5.Water 1.859679 NAN NAN NAN

L5.Temp 0.074415 0.000000 1602748.932 0.000

L5.Precip. horaria -14.070918 0.000002 -5695023.192 0.000

L5.Temp. prom aire 0.426985 0.000000 3002677.403 0.000

L6.Conduct 0.184178 NAN NAN NAN

L6.Water -0.043253 NAN NAN NAN

L6.Temp -0.196453 NAN NAN NAN

L6.Precip. horaria 8.295349 0.000001 7671564.302 0.000

L6.Temp. prom aire 0.008792 0.000000 173579.010 0.000

L7.Conduct 2.471324 0.000000 10744822.576 0.000

L7.Water -2.395345 0.000000 -8051361.450 0.000

L7.Temp 0.209642 0.000000 2472155.401 0.000

L7.Precip. horaria -34.463641 0.000001 -39497834.662 0.000

L7.Temp. prom aire 0.264550 0.000000 4706113.747 0.000

L8.Conduct -0.049187 0.000000 -1178605.776 0.000

L8.Water -0.958309 0.000000 -10485742.130 0.000

L8.Temp -0.143281 0.000000 -3022379.000 0.000

L8.Precip. horaria -38.378212 NAN NAN NAN

L8.Temp. prom aire 0.420063 0.000000 3243010.797 0.000

L9.Conduct -1.501305 NAN NAN NAN

L9.Water 1.988739 NAN NAN NAN

L9.Temp -0.021313 NAN NAN NAN

L9.Precip. horaria -26.794587 0.000002 -12634351.856 0.000

L9.Temp. prom aire 0.352543 0.000000 5788795.834 0.000

L10.Conduct -1.395189 0.000000 -9900712.801 0.000

L10.Water 0.905260 0.000000 7088165.669 0.000

L10.Temp -0.462460 NAN NAN NAN

L10.Precip. horaria -13.361537 0.000003 -5163526.294 0.000

L10.Temp. prom aire 0.385746 0.000000 6040370.357 0.000

L11.Conduct 1.532005 0.000000 27145411.858 0.000

L11.Water -1.410463 NAN NAN NAN

L11.Temp -0.323948 NAN NAN NAN

L11.Precip. horaria 14.575451 NAN NAN NAN

L11.Temp. prom aire 0.842926 0.000000 5187137.055 0.000

L12.Conduct 0.568312 0.000000 4835089.878 0.000

L12.Water 0.302174 0.000000 41544477.723 0.000

L12.Temp 0.008838 NAN NAN NAN

L12.Precip. horaria -1.708645 0.000002 -689932.814 0.000

L12.Temp. prom aire 0.579862 0.000000 2985275.066 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 36.982286 NAN NAN NAN

L1.Conduct 1.803140 NAN NAN NAN

L1.Water -3.710776 NAN NAN NAN

L1.Temp 0.989068 NAN NAN NAN

L1.Precip. horaria -21.761345 0.000005 -4700971.163 0.000

L1.Temp. prom aire -0.104626 0.000000 -830446.921 0.000

L2.Conduct 1.150205 0.000000 2478375.204 0.000

L2.Water -1.852202 0.000001 -2013915.794 0.000

L2.Temp -0.132254 0.000000 -1213212.680 0.000

L2.Precip. horaria 10.345528 0.000007 1546475.810 0.000

L2.Temp. prom aire -0.230063 NAN NAN NAN

L3.Conduct -2.520626 NAN NAN NAN

L3.Water 4.090631 NAN NAN NAN

L3.Temp 1.800810 0.000000 6609616.764 0.000

L3.Precip. horaria -6.773916 0.000002 -3895743.355 0.000

L3.Temp. prom aire -0.781108 NAN NAN NAN

L4.Conduct -0.816229 NAN NAN NAN

L4.Water 1.890129 NAN NAN NAN

L4.Temp 0.025405 0.000000 76579.693 0.000

L4.Precip. horaria 0.887736 0.000005 178105.415 0.000

L4.Temp. prom aire -1.123646 0.000000 -2272933.874 0.000

L5.Conduct 5.812264 0.000000 18912215.402 0.000

L5.Water -6.899696 NAN NAN NAN

L5.Temp 0.112201 0.000000 1169270.931 0.000

L5.Precip. horaria 26.367965 0.000005 5163729.993 0.000

L5.Temp. prom aire -0.278170 0.000000 -946499.963 0.000

L6.Conduct -3.095617 NAN NAN NAN

L6.Water 3.311199 NAN NAN NAN

L6.Temp 0.247069 NAN NAN NAN

L6.Precip. horaria -4.501604 0.000002 -2014328.890 0.000

L6.Temp. prom aire 0.242709 0.000000 2318477.417 0.000

L7.Conduct -1.802705 0.000000 -3792347.470 0.000

L7.Water 0.186707 0.000001 303651.257 0.000

L7.Temp -0.650209 0.000000 -3709920.146 0.000

L7.Precip. horaria 63.012599 0.000002 34942451.481 0.000

L7.Temp. prom aire 0.059848 0.000000 515131.657 0.000

L8.Conduct -1.732377 0.000000 -20085127.035 0.000

L8.Water 3.119526 0.000000 16515661.683 0.000

L8.Temp 0.062287 0.000000 635728.714 0.000

L8.Precip. horaria 98.965876 NAN NAN NAN

L8.Temp. prom aire -0.264953 0.000000 -989731.826 0.000

L9.Conduct 1.756081 NAN NAN NAN

L9.Water -1.875752 NAN NAN NAN

L9.Temp -0.521491 NAN NAN NAN

L9.Precip. horaria 83.247136 0.000004 18992802.063 0.000

L9.Temp. prom aire -0.375617 0.000000 -2984252.326 0.000

L10.Conduct 4.960073 0.000000 17030811.459 0.000

L10.Water -4.402000 0.000000 -16677240.740 0.000

L10.Temp 0.194223 NAN NAN NAN

L10.Precip. horaria 28.775683 0.000005 5380584.367 0.000

L10.Temp. prom aire 0.248114 0.000000 1879865.274 0.000

L11.Conduct -3.980600 0.000000 -34127029.827 0.000

L11.Water 4.493525 NAN NAN NAN

L11.Temp -0.450507 NAN NAN NAN

L11.Precip. horaria -7.744874 NAN NAN NAN

L11.Temp. prom aire 0.258143 0.000000 768622.791 0.000

L12.Conduct -0.675802 0.000000 -2781960.595 0.000

L12.Water -1.696908 0.000000 -112883048.780 0.000

L12.Temp -0.206743 NAN NAN NAN

L12.Precip. horaria 24.970673 0.000005 4878642.725 0.000

L12.Temp. prom aire 0.397611 0.000000 990450.459 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 2.784895 NAN NAN NAN

L1.Conduct 0.034209 NAN NAN NAN

L1.Water -0.121258 NAN NAN NAN

L1.Temp 0.045383 NAN NAN NAN

L1.Precip. horaria -1.015630 0.000000 -2545611.421 0.000

L1.Temp. prom aire -0.013640 0.000000 -1256108.573 0.000

L2.Conduct 0.086507 0.000000 2162701.971 0.000

L2.Water -0.141832 0.000000 -1789296.977 0.000

L2.Temp -0.036263 0.000000 -3859632.000 0.000

L2.Precip. horaria 0.985269 0.000001 1708833.174 0.000

L2.Temp. prom aire -0.011886 NAN NAN NAN

L3.Conduct -0.152803 NAN NAN NAN

L3.Water 0.240221 NAN NAN NAN

L3.Temp 0.076725 0.000000 3267389.802 0.000

L3.Precip. horaria -0.662197 0.000000 -4418673.582 0.000

L3.Temp. prom aire -0.010961 NAN NAN NAN

L4.Conduct -0.015011 NAN NAN NAN

L4.Water -0.002715 NAN NAN NAN

L4.Temp -0.029357 0.000000 -1026713.776 0.000

L4.Precip. horaria 0.471871 0.000000 1098426.640 0.000

L4.Temp. prom aire -0.025660 0.000000 -602228.885 0.000

L5.Conduct 0.172535 0.000000 6513709.288 0.000

L5.Water -0.170538 NAN NAN NAN

L5.Temp 0.000908 0.000000 109776.386 0.000

L5.Precip. horaria 2.062976 0.000000 4687438.394 0.000

L5.Temp. prom aire 0.021746 0.000000 858507.740 0.000

L6.Conduct -0.114123 NAN NAN NAN

L6.Water 0.083057 NAN NAN NAN

L6.Temp -0.030110 NAN NAN NAN

L6.Precip. horaria 0.713074 0.000000 3702133.512 0.000

L6.Temp. prom aire 0.041996 0.000000 4654534.336 0.000

L7.Conduct -0.071185 0.000000 -1737513.155 0.000

L7.Water -0.011818 0.000000 -223003.408 0.000

L7.Temp -0.072393 0.000000 -4792509.005 0.000

L7.Precip. horaria 3.329252 0.000000 21420380.732 0.000

L7.Temp. prom aire 0.039130 0.000000 3907840.824 0.000

L8.Conduct -0.217463 0.000000 -29253108.206 0.000

L8.Water 0.249555 0.000000 15329477.039 0.000

L8.Temp -0.043359 0.000000 -5134662.998 0.000

L8.Precip. horaria 7.372757 NAN NAN NAN

L8.Temp. prom aire 0.002084 0.000000 90304.040 0.000

L9.Conduct 0.170466 NAN NAN NAN

L9.Water -0.246831 NAN NAN NAN

L9.Temp -0.039457 NAN NAN NAN

L9.Precip. horaria 6.735327 0.000000 17829245.804 0.000

L9.Temp. prom aire -0.001697 0.000000 -156472.587 0.000

L10.Conduct 0.266531 0.000000 10618164.032 0.000

L10.Water -0.241623 0.000000 -10621023.624 0.000

L10.Temp -0.016385 NAN NAN NAN

L10.Precip. horaria 3.290686 0.000000 7139121.381 0.000

L10.Temp. prom aire 0.047476 0.000000 4173560.478 0.000

L11.Conduct -0.207199 0.000000 -20610659.478 0.000

L11.Water 0.289090 NAN NAN NAN

L11.Temp -0.012837 NAN NAN NAN

L11.Precip. horaria 0.416089 NAN NAN NAN

L11.Temp. prom aire 0.064550 0.000000 2229980.079 0.000

L12.Conduct -0.031371 0.000000 -1498361.447 0.000

L12.Water -0.090916 0.000000 -70172588.278 0.000

L12.Temp 0.012655 NAN NAN NAN

L12.Precip. horaria 1.822529 0.000000 4131405.700 0.000

L12.Temp. prom aire 0.017972 0.000000 519432.846 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 46.444977 NAN NAN NAN

L1.Conduct 2.167403 NAN NAN NAN

L1.Water -4.904723 NAN NAN NAN

L1.Temp 0.657156 NAN NAN NAN

L1.Precip. horaria -25.861959 0.000005 -5272260.493 0.000

L1.Temp. prom aire -0.260269 0.000000 -1949523.609 0.000

L2.Conduct 0.871689 0.000000 1772502.404 0.000

L2.Water -1.352840 0.000001 -1388138.763 0.000

L2.Temp 0.131032 0.000000 1134331.129 0.000

L2.Precip. horaria 25.580190 0.000007 3608509.255 0.000

L2.Temp. prom aire -0.460752 NAN NAN NAN

L3.Conduct -3.213834 NAN NAN NAN

L3.Water 5.361950 NAN NAN NAN

L3.Temp 2.183735 0.000000 7563830.276 0.000

L3.Precip. horaria -2.328687 0.000002 -1263849.208 0.000

L3.Temp. prom aire -1.085527 NAN NAN NAN

L4.Conduct 1.281386 NAN NAN NAN

L4.Water -1.402218 NAN NAN NAN

L4.Temp -0.977408 0.000000 -2780336.404 0.000

L4.Precip. horaria 2.386874 0.000005 451914.357 0.000

L4.Temp. prom aire -0.685966 0.000001 -1309464.501 0.000

L5.Conduct 2.295499 0.000000 7048680.197 0.000

L5.Water -1.279858 NAN NAN NAN

L5.Temp 0.424856 0.000000 4178258.061 0.000

L5.Precip. horaria 36.018767 0.000005 6656552.152 0.000

L5.Temp. prom aire 0.425859 0.000000 1367444.725 0.000

L6.Conduct -1.898024 NAN NAN NAN

L6.Water 0.515080 NAN NAN NAN

L6.Temp -0.669071 NAN NAN NAN

L6.Precip. horaria 19.516669 0.000002 8241426.218 0.000

L6.Temp. prom aire 0.262913 0.000000 2370080.838 0.000

L7.Conduct -1.805578 0.000001 -3584539.021 0.000

L7.Water 0.536535 0.000001 823468.897 0.000

L7.Temp -0.703034 0.000000 -3785481.939 0.000

L7.Precip. horaria 66.097430 0.000002 34589487.870 0.000

L7.Temp. prom aire 0.198473 0.000000 1612140.561 0.000

L8.Conduct -1.764474 0.000000 -19305500.060 0.000

L8.Water 2.019668 0.000000 10090691.314 0.000

L8.Temp -0.904388 0.000000 -8710904.025 0.000

L8.Precip. horaria 123.251817 NAN NAN NAN

L8.Temp. prom aire -0.165202 0.000000 -582368.172 0.000

L9.Conduct 2.566896 NAN NAN NAN

L9.Water -3.578437 NAN NAN NAN

L9.Temp 0.100805 NAN NAN NAN

L9.Precip. horaria 91.771860 0.000005 19758904.237 0.000

L9.Temp. prom aire -0.105507 0.000000 -791051.516 0.000

L10.Conduct 3.908481 0.000000 12664523.433 0.000

L10.Water -3.223032 0.000000 -11523179.347 0.000

L10.Temp -0.241722 NAN NAN NAN

L10.Precip. horaria 52.863226 0.000006 9328054.172 0.000

L10.Temp. prom aire 0.097995 0.000000 700672.850 0.000

L11.Conduct -3.007933 0.000000 -24336143.249 0.000

L11.Water 4.074836 NAN NAN NAN

L11.Temp -0.525702 NAN NAN NAN

L11.Precip. horaria -11.182916 NAN NAN NAN

L11.Temp. prom aire 0.675906 0.000000 1899205.842 0.000

L12.Conduct -0.557464 0.000000 -2165619.714 0.000

L12.Water -1.187989 0.000000 -74578992.183 0.000

L12.Temp 0.438332 NAN NAN NAN

L12.Precip. horaria 30.882115 0.000005 5693893.972 0.000

L12.Temp. prom aire 0.921530 0.000000 2166291.307 0.000

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.879660 -0.719700 -0.640558 -0.752403

Water 0.879660 1.000000 -0.944623 -0.902206 -0.908427

Temp -0.719700 -0.944623 1.000000 0.990514 0.948232

Precip. horaria -0.640558 -0.902206 0.990514 1.000000 0.944656

Temp. prom aire -0.752403 -0.908427 0.948232 0.944656 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -272.405

Nobs: 59.0000 HQIC: -278.953

Log likelihood: 8239.19 FPE: -2.70599e-119

AIC: -283.145 Det(Omega\_mle): -7.77465e-121

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Results for equation Conduct

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coefficient std. error t-stat prob

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const -22.306638 0.000027 -811471.350 0.000

L1.Conduct 0.975932 0.000000 44872399.509 0.000

L1.Water -3.298218 0.000000 -7172599.435 0.000

L1.Temp -1.006040 NAN NAN NAN

L1.Precip. horaria 10.569912 0.000011 959705.620 0.000

L1.Temp. prom aire 1.687293 0.000001 3251022.869 0.000

L2.Conduct -0.128686 0.000001 -257124.193 0.000

L2.Water 2.738070 0.000002 1767852.992 0.000

L2.Temp 0.405797 0.000000 4278030.730 0.000

L2.Precip. horaria 17.651319 0.000010 1685289.234 0.000

L2.Temp. prom aire 0.463813 0.000000 2283283.228 0.000

L3.Conduct -0.669682 NAN NAN NAN

L3.Water 3.915858 NAN NAN NAN

L3.Temp -0.164726 0.000001 -267939.523 0.000

L3.Precip. horaria -82.980933 0.000016 -5072592.511 0.000

L3.Temp. prom aire 0.704654 0.000001 964712.492 0.000

L4.Conduct -0.206923 NAN NAN NAN

L4.Water -3.532501 NAN NAN NAN

L4.Temp -4.286567 0.000001 -7779543.546 0.000

L4.Precip. horaria 19.535500 0.000007 2979709.660 0.000

L4.Temp. prom aire 2.723048 0.000001 2907647.818 0.000

L5.Conduct -0.519633 NAN NAN NAN

L5.Water 0.925900 0.000001 1231222.163 0.000

L5.Temp -0.186356 NAN NAN NAN

L5.Precip. horaria 8.032884 0.000007 1114537.755 0.000

L5.Temp. prom aire 2.629898 0.000001 4788753.267 0.000

L6.Conduct 0.128396 0.000000 1965271.166 0.000

L6.Water -4.312969 NAN NAN NAN

L6.Temp -0.996177 0.000001 -1661230.964 0.000

L6.Precip. horaria -33.966540 NAN NAN NAN

L6.Temp. prom aire 1.343299 0.000000 4292187.941 0.000

L7.Conduct -0.210372 NAN NAN NAN

L7.Water 3.686758 NAN NAN NAN

L7.Temp -1.262670 NAN NAN NAN

L7.Precip. horaria 36.304657 NAN NAN NAN

L7.Temp. prom aire 2.283598 0.000001 4343264.738 0.000

L8.Conduct -1.480327 0.000000 -9634292.365 0.000

L8.Water 4.166778 0.000002 2741739.004 0.000

L8.Temp -1.445534 0.000000 -3043923.916 0.000

L8.Precip. horaria 34.480370 0.000014 2479165.214 0.000

L8.Temp. prom aire 2.176065 0.000000 5498856.769 0.000

L9.Conduct 1.805608 0.000000 11646837.845 0.000

L9.Water -7.437483 0.000000 -19163613.712 0.000

L9.Temp -0.389588 NAN NAN NAN

L9.Precip. horaria 50.574594 NAN NAN NAN

L9.Temp. prom aire 1.450087 0.000000 4093791.296 0.000

L10.Conduct 0.727215 NAN NAN NAN

L10.Water -1.901219 NAN NAN NAN

L10.Temp -2.488489 0.000000 -9756447.583 0.000

L10.Precip. horaria 121.306378 0.000011 11379336.278 0.000

L10.Temp. prom aire 1.358632 0.000000 4142795.570 0.000

L11.Conduct -1.760772 0.000000 -19852581.365 0.000

L11.Water 6.941987 NAN NAN NAN

L11.Temp -0.841789 0.000000 -29863452.228 0.000

L11.Precip. horaria 54.068922 0.000022 2475731.129 0.000

L11.Temp. prom aire 3.216773 0.000001 4810140.230 0.000

L12.Conduct -0.041721 NAN NAN NAN

L12.Water -2.949572 0.000000 -23118900.088 0.000

L12.Temp -0.275355 NAN NAN NAN

L12.Precip. horaria 43.546749 NAN NAN NAN

L12.Temp. prom aire 3.340449 0.000000 7127116.546 0.000

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Results for equation Water

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const -5.014252 0.000006 -824822.201 0.000

L1.Conduct 0.208523 0.000000 43354034.911 0.000

L1.Water -0.554861 0.000000 -5456282.352 0.000

L1.Temp -0.137358 NAN NAN NAN

L1.Precip. horaria 7.683693 0.000002 3154654.678 0.000

L1.Temp. prom aire 0.453607 0.000000 3952071.211 0.000

L2.Conduct -0.019401 0.000000 -175288.928 0.000

L2.Water 0.454357 0.000000 1326518.928 0.000

L2.Temp -0.059856 0.000000 -2853386.090 0.000

L2.Precip. horaria 8.718137 0.000002 3763882.734 0.000

L2.Temp. prom aire -0.186799 0.000000 -4158207.023 0.000

L3.Conduct -0.234491 NAN NAN NAN

L3.Water 0.898245 NAN NAN NAN

L3.Temp -0.258061 0.000000 -1898065.993 0.000

L3.Precip. horaria -17.042312 0.000004 -4710806.960 0.000

L3.Temp. prom aire 0.392911 0.000000 2432381.488 0.000

L4.Conduct 0.076699 NAN NAN NAN

L4.Water -1.315097 NAN NAN NAN

L4.Temp -0.827546 0.000000 -6791285.156 0.000

L4.Precip. horaria 7.822258 0.000001 5395065.003 0.000

L4.Temp. prom aire 0.624032 0.000000 3013067.665 0.000

L5.Conduct -0.123673 NAN NAN NAN

L5.Water 0.788947 0.000000 4743900.771 0.000

L5.Temp 0.181645 NAN NAN NAN

L5.Precip. horaria 9.474116 0.000002 5943977.426 0.000

L5.Temp. prom aire 0.550569 0.000000 4533261.990 0.000

L6.Conduct 0.101555 0.000000 7028881.543 0.000

L6.Water -0.936223 NAN NAN NAN

L6.Temp -0.315567 0.000000 -2379581.555 0.000

L6.Precip. horaria -9.142424 NAN NAN NAN

L6.Temp. prom aire 0.241703 0.000000 3492228.905 0.000

L7.Conduct 0.033043 NAN NAN NAN

L7.Water 0.700359 NAN NAN NAN

L7.Temp -0.043973 NAN NAN NAN

L7.Precip. horaria 19.668065 NAN NAN NAN

L7.Temp. prom aire 0.514074 0.000000 4421167.508 0.000

L8.Conduct -0.146438 0.000000 -4309548.741 0.000

L8.Water -0.222456 0.000000 -661889.747 0.000

L8.Temp -0.569193 0.000000 -5419763.287 0.000

L8.Precip. horaria 27.763207 0.000003 9026478.065 0.000

L8.Temp. prom aire 0.378868 0.000000 4329164.946 0.000

L9.Conduct 0.170541 0.000000 4974253.449 0.000

L9.Water -0.382502 0.000000 -4456562.846 0.000

L9.Temp 0.249148 NAN NAN NAN

L9.Precip. horaria 30.351468 NAN NAN NAN

L9.Temp. prom aire 0.240785 0.000000 3073797.779 0.000

L10.Conduct 0.467209 NAN NAN NAN

L10.Water -1.436211 NAN NAN NAN

L10.Temp -0.736029 0.000000 -13048657.218 0.000

L10.Precip. horaria 31.281428 0.000002 13268902.854 0.000

L10.Temp. prom aire 0.288052 0.000000 3971715.597 0.000

L11.Conduct -0.529783 0.000000 -27010165.311 0.000

L11.Water 2.382509 NAN NAN NAN

L11.Temp 0.141259 0.000000 22660444.333 0.000

L11.Precip. horaria 15.891378 0.000005 3290277.126 0.000

L11.Temp. prom aire 0.855360 0.000000 5783642.323 0.000

L12.Conduct 0.117828 NAN NAN NAN

L12.Water -0.976537 0.000000 -34610818.251 0.000

L12.Temp -0.233274 NAN NAN NAN

L12.Precip. horaria 10.543439 NAN NAN NAN

L12.Temp. prom aire 0.630830 0.000000 6086067.589 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 10.293580 0.000010 996799.515 0.000

L1.Conduct -0.420864 0.000000 -51511440.539 0.000

L1.Water 1.980832 0.000000 11466930.511 0.000

L1.Temp 0.234392 NAN NAN NAN

L1.Precip. horaria -8.026066 0.000004 -1939865.827 0.000

L1.Temp. prom aire 0.179945 0.000000 922936.579 0.000

L2.Conduct 0.205725 0.000000 1094213.102 0.000

L2.Water -1.301507 0.000001 -2236919.056 0.000

L2.Temp 0.312786 0.000000 8777790.601 0.000

L2.Precip. horaria -9.862583 0.000004 -2506630.061 0.000

L2.Temp. prom aire -0.369936 0.000000 -4847819.374 0.000

L3.Conduct 0.166888 NAN NAN NAN

L3.Water 0.204409 NAN NAN NAN

L3.Temp -0.122385 0.000000 -529911.925 0.000

L3.Precip. horaria 11.423628 0.000006 1858908.504 0.000

L3.Temp. prom aire 0.016587 0.000000 60449.162 0.000

L4.Conduct 0.095642 NAN NAN NAN

L4.Water 0.637911 NAN NAN NAN

L4.Temp 1.130610 0.000000 5462099.833 0.000

L4.Precip. horaria -9.484298 0.000002 -3850852.658 0.000

L4.Temp. prom aire -0.633697 0.000000 -1801234.540 0.000

L5.Conduct 0.420313 NAN NAN NAN

L5.Water -1.580736 0.000000 -5595436.165 0.000

L5.Temp 0.551320 NAN NAN NAN

L5.Precip. horaria -0.362698 0.000003 -133958.503 0.000

L5.Temp. prom aire -0.923597 0.000000 -4476807.068 0.000

L6.Conduct -0.256351 0.000000 -10444981.686 0.000

L6.Water 1.047971 NAN NAN NAN

L6.Temp -0.040587 0.000000 -180170.525 0.000

L6.Precip. horaria 7.429787 NAN NAN NAN

L6.Temp. prom aire -0.618240 0.000000 -5258548.342 0.000

L7.Conduct -0.464324 NAN NAN NAN

L7.Water 1.545886 NAN NAN NAN

L7.Temp 1.009049 NAN NAN NAN

L7.Precip. horaria -37.233350 NAN NAN NAN

L7.Temp. prom aire -0.571891 0.000000 -2895424.231 0.000

L8.Conduct 0.769019 0.000000 13322984.136 0.000

L8.Water -3.524448 0.000001 -6173325.422 0.000

L8.Temp 0.163188 0.000000 914736.169 0.000

L8.Precip. horaria -37.226883 0.000005 -7125125.766 0.000

L8.Temp. prom aire -0.512076 0.000000 -3444586.281 0.000

L9.Conduct -0.715316 0.000000 -12282442.300 0.000

L9.Water 3.755726 0.000000 25760102.060 0.000

L9.Temp 0.362833 NAN NAN NAN

L9.Precip. horaria -44.328478 NAN NAN NAN

L9.Temp. prom aire -0.297696 0.000000 -2237209.623 0.000

L10.Conduct -0.117301 NAN NAN NAN

L10.Water 0.354336 NAN NAN NAN

L10.Temp -0.072843 0.000000 -760227.992 0.000

L10.Precip. horaria -57.854767 0.000004 -14446902.915 0.000

L10.Temp. prom aire -0.254778 0.000000 -2068026.641 0.000

L11.Conduct 0.324370 0.000000 9735472.450 0.000

L11.Water -1.768235 NAN NAN NAN

L11.Temp -0.153594 0.000000 -14504877.232 0.000

L11.Precip. horaria -19.850819 0.000008 -2419560.635 0.000

L11.Temp. prom aire -0.084879 0.000000 -337863.807 0.000

L12.Conduct -0.023992 NAN NAN NAN

L12.Water 0.287714 0.000000 6003044.085 0.000

L12.Temp -0.372517 NAN NAN NAN

L12.Precip. horaria -15.738901 NAN NAN NAN

L12.Temp. prom aire -0.348908 0.000000 -1981630.071 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.693737 0.000001 608090.193 0.000

L1.Conduct -0.026429 0.000000 -29280183.981 0.000

L1.Water 0.099825 0.000000 5230815.525 0.000

L1.Temp 0.012982 NAN NAN NAN

L1.Precip. horaria -0.261105 0.000000 -571237.176 0.000

L1.Temp. prom aire -0.009842 0.000000 -456920.237 0.000

L2.Conduct 0.010534 0.000000 507163.601 0.000

L2.Water -0.065860 0.000000 -1024603.034 0.000

L2.Temp -0.015263 0.000000 -3877121.094 0.000

L2.Precip. horaria -0.793602 0.000000 -1825719.192 0.000

L2.Temp. prom aire -0.000140 0.000000 -16597.540 0.000

L3.Conduct -0.008889 NAN NAN NAN

L3.Water 0.028875 NAN NAN NAN

L3.Temp -0.020223 0.000000 -792588.708 0.000

L3.Precip. horaria -0.032161 0.000001 -47371.408 0.000

L3.Temp. prom aire 0.020100 0.000000 663074.778 0.000

L4.Conduct 0.012730 NAN NAN NAN

L4.Water 0.000703 NAN NAN NAN

L4.Temp 0.025387 0.000000 1110168.382 0.000

L4.Precip. horaria -0.431478 0.000000 -1585776.415 0.000

L4.Temp. prom aire -0.008452 0.000000 -217461.786 0.000

L5.Conduct -0.010939 NAN NAN NAN

L5.Water 0.007200 0.000000 230685.053 0.000

L5.Temp -0.006664 NAN NAN NAN

L5.Precip. horaria 0.058115 0.000000 194288.657 0.000

L5.Temp. prom aire -0.004498 0.000000 -197337.083 0.000

L6.Conduct -0.000791 0.000000 -291889.797 0.000

L6.Water 0.035211 NAN NAN NAN

L6.Temp -0.016308 0.000000 -655295.599 0.000

L6.Precip. horaria 0.022349 NAN NAN NAN

L6.Temp. prom aire 0.009406 0.000000 724150.544 0.000

L7.Conduct -0.006364 NAN NAN NAN

L7.Water -0.029462 NAN NAN NAN

L7.Temp 0.001453 NAN NAN NAN

L7.Precip. horaria -0.851971 NAN NAN NAN

L7.Temp. prom aire 0.000805 0.000000 36891.542 0.000

L8.Conduct 0.015310 0.000000 2400901.566 0.000

L8.Water -0.075161 0.000000 -1191663.987 0.000

L8.Temp -0.017502 0.000000 -888025.309 0.000

L8.Precip. horaria -0.825832 0.000001 -1430734.284 0.000

L8.Temp. prom aire -0.002609 0.000000 -158834.426 0.000

L9.Conduct -0.034658 0.000000 -5386633.678 0.000

L9.Water 0.127384 0.000000 7908590.882 0.000

L9.Temp -0.005586 NAN NAN NAN

L9.Precip. horaria -1.031349 NAN NAN NAN

L9.Temp. prom aire 0.007501 0.000000 510234.395 0.000

L10.Conduct -0.003354 NAN NAN NAN

L10.Water -0.012949 NAN NAN NAN

L10.Temp -0.015245 0.000000 -1440224.389 0.000

L10.Precip. horaria -2.244397 0.000000 -5073022.500 0.000

L10.Temp. prom aire 0.020552 0.000000 1509996.531 0.000

L11.Conduct 0.014749 0.000000 4006915.130 0.000

L11.Water -0.069800 NAN NAN NAN

L11.Temp -0.001196 0.000000 -1022229.997 0.000

L11.Precip. horaria -0.028511 0.000001 -31455.596 0.000

L11.Temp. prom aire 0.027572 0.000000 993443.859 0.000

L12.Conduct 0.002893 NAN NAN NAN

L12.Water 0.012582 0.000000 2376307.171 0.000

L12.Temp 0.014540 NAN NAN NAN

L12.Precip. horaria -0.548298 NAN NAN NAN

L12.Temp. prom aire -0.032536 0.000000 -1672663.667 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 41.037307 0.000051 808037.916 0.000

L1.Conduct 0.266703 0.000000 6637448.982 0.000

L1.Water -0.454548 0.000001 -535045.044 0.000

L1.Temp -0.119837 NAN NAN NAN

L1.Precip. horaria -13.013755 0.000020 -639562.652 0.000

L1.Temp. prom aire -0.295899 0.000001 -308593.359 0.000

L2.Conduct -0.782520 0.000001 -846294.683 0.000

L2.Water 2.223439 0.000003 777034.932 0.000

L2.Temp 1.428671 0.000000 8152321.264 0.000

L2.Precip. horaria -15.645322 0.000019 -808528.987 0.000

L2.Temp. prom aire -0.386456 0.000000 -1029748.189 0.000

L3.Conduct 0.273778 NAN NAN NAN

L3.Water -0.843526 NAN NAN NAN

L3.Temp -0.103360 0.000001 -90999.856 0.000

L3.Precip. horaria 12.239792 0.000030 404985.522 0.000

L3.Temp. prom aire -1.245030 0.000001 -922604.835 0.000

L4.Conduct -0.146745 NAN NAN NAN

L4.Water 0.654750 NAN NAN NAN

L4.Temp 0.082253 0.000001 80800.044 0.000

L4.Precip. horaria -10.240891 0.000012 -845475.361 0.000

L4.Temp. prom aire -0.183056 0.000002 -105799.682 0.000

L5.Conduct 0.403744 NAN NAN NAN

L5.Water -0.786105 0.000001 -565805.250 0.000

L5.Temp 0.719983 NAN NAN NAN

L5.Precip. horaria -32.253696 0.000013 -2422236.796 0.000

L5.Temp. prom aire -0.481674 0.000001 -474734.572 0.000

L6.Conduct -0.201072 0.000000 -1665846.798 0.000

L6.Water 1.327168 NAN NAN NAN

L6.Temp -0.311329 0.000001 -281013.253 0.000

L6.Precip. horaria 28.589279 NAN NAN NAN

L6.Temp. prom aire -0.305507 0.000001 -528374.403 0.000

L7.Conduct -0.904878 NAN NAN NAN

L7.Water 3.256294 NAN NAN NAN

L7.Temp 0.374797 NAN NAN NAN

L7.Precip. horaria -47.666147 NAN NAN NAN

L7.Temp. prom aire -0.363672 0.000001 -374386.144 0.000

L8.Conduct 1.008078 0.000000 3551159.717 0.000

L8.Water -5.165801 0.000003 -1839827.915 0.000

L8.Temp -0.088533 0.000001 -100907.556 0.000

L8.Precip. horaria -33.899487 0.000026 -1319290.654 0.000

L8.Temp. prom aire -0.145828 0.000001 -199460.366 0.000

L9.Conduct 0.011066 0.000000 38636.433 0.000

L9.Water -0.548440 0.000001 -764881.632 0.000

L9.Temp -0.523709 NAN NAN NAN

L9.Precip. horaria -11.863070 NAN NAN NAN

L9.Temp. prom aire 0.022106 0.000001 33780.213 0.000

L10.Conduct -1.586603 NAN NAN NAN

L10.Water 5.933194 NAN NAN NAN

L10.Temp -0.065926 0.000000 -139902.281 0.000

L10.Precip. horaria -43.798268 0.000020 -2223842.583 0.000

L10.Temp. prom aire -0.355350 0.000001 -586491.751 0.000

L11.Conduct 1.042785 0.000000 6363885.235 0.000

L11.Water -5.448286 NAN NAN NAN

L11.Temp -0.902654 0.000000 -17332923.722 0.000

L11.Precip. horaria -53.037656 0.000040 -1314479.743 0.000

L11.Temp. prom aire 0.277733 0.000001 224790.550 0.000

L12.Conduct -0.104664 NAN NAN NAN

L12.Water 1.326956 0.000000 5629612.349 0.000

L12.Temp 0.398766 NAN NAN NAN

L12.Precip. horaria -10.792612 NAN NAN NAN

L12.Temp. prom aire 0.516693 0.000001 596699.424 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.944876 -0.918595 -0.804322 -0.859046

Water 0.944876 1.000000 -0.946510 -0.844378 -0.859166

Temp -0.918595 -0.946510 1.000000 0.949650 0.968977

Precip. horaria -0.804322 -0.844378 0.949650 1.000000 0.978202

Temp. prom aire -0.859046 -0.859166 0.968977 0.978202 1.000000

* Lag 24:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -269.461

Nobs: 47.0000 HQIC: -284.315

Log likelihood: 7163.55 FPE: -1.70270e-137

AIC: -293.277 Det(Omega\_mle): -2.91797e-140

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Results for equation Conduct

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.003338 0.000000 55297.656 0.000

L1.Conduct 0.572678 0.000000 165207272.399 0.000

L1.Water -0.118833 NAN NAN NAN

L1.Temp 0.235510 NAN NAN NAN

L1.Precip. horaria 0.106932 NAN NAN NAN

L1.Temp. prom aire 0.174964 NAN NAN NAN

L2.Conduct -0.420972 NAN NAN NAN

L2.Water 0.016709 NAN NAN NAN

L2.Temp 0.323201 0.000000 227065713.265 0.000

L2.Precip. horaria -0.025550 0.000001 -34309.334 0.000

L2.Temp. prom aire -0.318033 0.000000 -186598493.989 0.000

L3.Conduct 0.249758 NAN NAN NAN

L3.Water 0.150551 0.000000 21386415.183 0.000

L3.Temp -0.630954 NAN NAN NAN

L3.Precip. horaria -0.022509 NAN NAN NAN

L3.Temp. prom aire 0.148933 NAN NAN NAN

L4.Conduct -0.353617 NAN NAN NAN

L4.Water 0.080182 0.000000 12787390.474 0.000

L4.Temp -0.499884 NAN NAN NAN

L4.Precip. horaria 0.000313 0.000001 271.632 0.000

L4.Temp. prom aire -0.017810 NAN NAN NAN

L5.Conduct 0.037178 NAN NAN NAN

L5.Water 0.190431 NAN NAN NAN

L5.Temp -0.212963 0.000000 -78825805.281 0.000

L5.Precip. horaria 0.002807 0.000001 2264.803 0.000

L5.Temp. prom aire -0.573767 NAN NAN NAN

L6.Conduct -0.053967 0.000000 -17588043.412 0.000

L6.Water 0.278049 NAN NAN NAN

L6.Temp -0.279847 NAN NAN NAN

L6.Precip. horaria 0.047443 0.000001 42256.263 0.000

L6.Temp. prom aire -0.069045 NAN NAN NAN

L7.Conduct 0.121636 NAN NAN NAN

L7.Water 0.174613 NAN NAN NAN

L7.Temp 0.204707 NAN NAN NAN

L7.Precip. horaria 0.010249 NAN NAN NAN

L7.Temp. prom aire -0.075623 NAN NAN NAN

L8.Conduct -0.003640 NAN NAN NAN

L8.Water 0.112763 NAN NAN NAN

L8.Temp -0.104600 0.000000 -32455805.108 0.000

L8.Precip. horaria 0.005988 NAN NAN NAN

L8.Temp. prom aire -0.540287 0.000000 -143221485.582 0.000

L9.Conduct -0.152187 NAN NAN NAN

L9.Water -0.218476 0.000000 -114264321.269 0.000

L9.Temp 0.036513 0.000000 5484721.694 0.000

L9.Precip. horaria 0.000805 NAN NAN NAN

L9.Temp. prom aire -0.381494 0.000000 -43154096.769 0.000

L10.Conduct -0.050037 0.000000 -22075467.625 0.000

L10.Water -0.356661 0.000000 -36304871.663 0.000

L10.Temp -0.290188 NAN NAN NAN

L10.Precip. horaria -0.013394 0.000002 -8459.798 0.000

L10.Temp. prom aire 0.928905 NAN NAN NAN

L11.Conduct 0.211801 NAN NAN NAN

L11.Water -0.174021 NAN NAN NAN

L11.Temp -0.213746 0.000000 -43351916.284 0.000

L11.Precip. horaria 0.011420 0.000002 6922.923 0.000

L11.Temp. prom aire 0.884160 NAN NAN NAN

L12.Conduct -0.068387 0.000000 -27902349.746 0.000

L12.Water -0.263443 NAN NAN NAN

L12.Temp -0.006397 NAN NAN NAN

L12.Precip. horaria -0.003509 0.000002 -1960.258 0.000

L12.Temp. prom aire 1.317452 0.000000 212034237.889 0.000

L13.Conduct 0.174756 NAN NAN NAN

L13.Water -0.259701 0.000000 -28800489.104 0.000

L13.Temp 0.786189 NAN NAN NAN

L13.Precip. horaria -0.015281 0.000001 -10202.537 0.000

L13.Temp. prom aire -0.958994 NAN NAN NAN

L14.Conduct -0.177693 NAN NAN NAN

L14.Water -0.069446 NAN NAN NAN

L14.Temp -0.143155 NAN NAN NAN

L14.Precip. horaria 0.008387 0.000001 5619.702 0.000

L14.Temp. prom aire 0.222826 NAN NAN NAN

L15.Conduct 0.232911 NAN NAN NAN

L15.Water 0.170826 NAN NAN NAN

L15.Temp 0.083474 0.000000 13582564.437 0.000

L15.Precip. horaria 0.026570 NAN NAN NAN

L15.Temp. prom aire -0.177746 NAN NAN NAN

L16.Conduct 0.061705 NAN NAN NAN

L16.Water 0.030379 NAN NAN NAN

L16.Temp 0.082650 NAN NAN NAN

L16.Precip. horaria -0.008024 NAN NAN NAN

L16.Temp. prom aire -0.220252 NAN NAN NAN

L17.Conduct -0.086406 0.000000 -30183357.751 0.000

L17.Water 0.072601 NAN NAN NAN

L17.Temp -0.457694 NAN NAN NAN

L17.Precip. horaria 0.022563 NAN NAN NAN

L17.Temp. prom aire -0.005243 0.000000 -503245.686 0.000

L18.Conduct 0.021896 0.000000 10429516.974 0.000

L18.Water -0.002128 0.000000 -1394503.770 0.000

L18.Temp -0.863755 NAN NAN NAN

L18.Precip. horaria -0.015914 0.000001 -16758.181 0.000

L18.Temp. prom aire -0.969668 NAN NAN NAN

L19.Conduct -0.148551 0.000000 -43303882.583 0.000

L19.Water 0.197137 0.000000 335157510.147 0.000

L19.Temp -0.552174 NAN NAN NAN

L19.Precip. horaria -0.035666 NAN NAN NAN

L19.Temp. prom aire -0.062607 NAN NAN NAN

L20.Conduct 0.194339 NAN NAN NAN

L20.Water 0.074437 NAN NAN NAN

L20.Temp 0.444274 NAN NAN NAN

L20.Precip. horaria -0.006472 0.000001 -12383.488 0.000

L20.Temp. prom aire -0.375500 0.000000 -66414474.298 0.000

L21.Conduct 0.238093 NAN NAN NAN

L21.Water -0.181614 NAN NAN NAN

L21.Temp 0.296662 NAN NAN NAN

L21.Precip. horaria -0.003400 NAN NAN NAN

L21.Temp. prom aire 1.267367 NAN NAN NAN

L22.Conduct -0.168397 NAN NAN NAN

L22.Water 0.456225 NAN NAN NAN

L22.Temp -0.032532 NAN NAN NAN

L22.Precip. horaria 0.005214 0.000001 8649.688 0.000

L22.Temp. prom aire 0.060173 NAN NAN NAN

L23.Conduct 0.036809 NAN NAN NAN

L23.Water -0.259625 NAN NAN NAN

L23.Temp 1.050423 NAN NAN NAN

L23.Precip. horaria 0.028865 NAN NAN NAN

L23.Temp. prom aire 0.233061 NAN NAN NAN

L24.Conduct 0.004738 0.000000 1561383.589 0.000

L24.Water 0.232414 0.000000 53889198.276 0.000

L24.Temp 0.345293 0.000000 50147497.835 0.000

L24.Precip. horaria 0.006388 NAN NAN NAN

L24.Temp. prom aire 1.316658 0.000000 155779612.027 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.001008 0.000000 49519.273 0.000

L1.Conduct 0.087666 0.000000 74987784.643 0.000

L1.Water -0.007143 NAN NAN NAN

L1.Temp 0.014870 NAN NAN NAN

L1.Precip. horaria 0.017715 NAN NAN NAN

L1.Temp. prom aire 0.031362 NAN NAN NAN

L2.Conduct -0.077337 NAN NAN NAN

L2.Water 0.014407 NAN NAN NAN

L2.Temp 0.057892 0.000000 120597425.551 0.000

L2.Precip. horaria -0.003552 0.000000 -14141.537 0.000

L2.Temp. prom aire -0.070275 0.000000 -122258668.109 0.000

L3.Conduct 0.129547 NAN NAN NAN

L3.Water 0.040038 0.000000 16864233.676 0.000

L3.Temp -0.101513 NAN NAN NAN

L3.Precip. horaria -0.004342 NAN NAN NAN

L3.Temp. prom aire 0.006251 NAN NAN NAN

L4.Conduct -0.051248 NAN NAN NAN

L4.Water 0.029375 0.000000 13890681.516 0.000

L4.Temp -0.044450 NAN NAN NAN

L4.Precip. horaria 0.004271 0.000000 10993.844 0.000

L4.Temp. prom aire 0.019436 NAN NAN NAN

L5.Conduct 0.035118 NAN NAN NAN

L5.Water 0.039172 NAN NAN NAN

L5.Temp -0.034927 0.000000 -38332294.452 0.000

L5.Precip. horaria -0.000407 0.000000 -973.665 0.000

L5.Temp. prom aire -0.109031 NAN NAN NAN

L6.Conduct -0.023488 0.000000 -22697279.139 0.000

L6.Water 0.044665 NAN NAN NAN

L6.Temp -0.023608 NAN NAN NAN

L6.Precip. horaria 0.006154 0.000000 16251.986 0.000

L6.Temp. prom aire 0.012345 NAN NAN NAN

L7.Conduct 0.045999 NAN NAN NAN

L7.Water 0.026018 NAN NAN NAN

L7.Temp 0.067452 NAN NAN NAN

L7.Precip. horaria -0.000883 NAN NAN NAN

L7.Temp. prom aire 0.022697 NAN NAN NAN

L8.Conduct 0.004812 NAN NAN NAN

L8.Water 0.022650 NAN NAN NAN

L8.Temp 0.003447 0.000000 3170877.230 0.000

L8.Precip. horaria 0.002152 NAN NAN NAN

L8.Temp. prom aire -0.055649 0.000000 -43740551.722 0.000

L9.Conduct -0.024137 NAN NAN NAN

L9.Water -0.036982 0.000000 -57350637.291 0.000

L9.Temp 0.000010 0.000000 4591.177 0.000

L9.Precip. horaria 0.000908 NAN NAN NAN

L9.Temp. prom aire -0.073423 0.000000 -24626753.936 0.000

L10.Conduct -0.010196 0.000000 -13338181.872 0.000

L10.Water -0.060430 0.000000 -18239178.085 0.000

L10.Temp -0.024016 NAN NAN NAN

L10.Precip. horaria -0.003035 0.000001 -5683.030 0.000

L10.Temp. prom aire 0.164503 NAN NAN NAN

L11.Conduct 0.050051 NAN NAN NAN

L11.Water -0.028431 NAN NAN NAN

L11.Temp -0.008786 0.000000 -5283693.358 0.000

L11.Precip. horaria 0.000710 0.000001 1276.438 0.000

L11.Temp. prom aire 0.177277 NAN NAN NAN

L12.Conduct -0.006605 0.000000 -7991127.980 0.000

L12.Water -0.036920 NAN NAN NAN

L12.Temp 0.015207 NAN NAN NAN

L12.Precip. horaria 0.000419 0.000001 693.565 0.000

L12.Temp. prom aire 0.257050 0.000000 122667854.285 0.000

L13.Conduct 0.047181 NAN NAN NAN

L13.Water -0.051953 0.000000 -17083696.654 0.000

L13.Temp 0.128014 NAN NAN NAN

L13.Precip. horaria -0.001463 0.000001 -2895.989 0.000

L13.Temp. prom aire -0.172705 NAN NAN NAN

L14.Conduct -0.031202 NAN NAN NAN

L14.Water -0.052542 NAN NAN NAN

L14.Temp -0.051098 NAN NAN NAN

L14.Precip. horaria 0.001120 0.000001 2225.739 0.000

L14.Temp. prom aire 0.001722 NAN NAN NAN

L15.Conduct 0.051966 NAN NAN NAN

L15.Water -0.006857 NAN NAN NAN

L15.Temp -0.007489 0.000000 -3613213.539 0.000

L15.Precip. horaria 0.003208 NAN NAN NAN

L15.Temp. prom aire -0.003914 NAN NAN NAN

L16.Conduct 0.018382 NAN NAN NAN

L16.Water -0.000075 NAN NAN NAN

L16.Temp 0.000683 NAN NAN NAN

L16.Precip. horaria -0.001915 NAN NAN NAN

L16.Temp. prom aire -0.061652 NAN NAN NAN

L17.Conduct -0.048849 0.000000 -50596244.098 0.000

L17.Water -0.000142 NAN NAN NAN

L17.Temp -0.098204 NAN NAN NAN

L17.Precip. horaria 0.003689 NAN NAN NAN

L17.Temp. prom aire 0.006944 0.000000 1976229.375 0.000

L18.Conduct 0.018767 0.000000 26504607.755 0.000

L18.Water -0.034760 0.000000 -67551948.772 0.000

L18.Temp -0.148577 NAN NAN NAN

L18.Precip. horaria -0.002753 0.000000 -8597.511 0.000

L18.Temp. prom aire -0.197846 NAN NAN NAN

L19.Conduct -0.017489 0.000000 -15117120.526 0.000

L19.Water -0.000748 0.000000 -3769488.849 0.000

L19.Temp -0.105827 NAN NAN NAN

L19.Precip. horaria -0.005983 NAN NAN NAN

L19.Temp. prom aire 0.025473 NAN NAN NAN

L20.Conduct 0.017912 NAN NAN NAN

L20.Water 0.024831 NAN NAN NAN

L20.Temp 0.100717 NAN NAN NAN

L20.Precip. horaria -0.001096 0.000000 -6219.630 0.000

L20.Temp. prom aire -0.070259 0.000000 -36846544.306 0.000

L21.Conduct -0.004513 NAN NAN NAN

L21.Water -0.021502 NAN NAN NAN

L21.Temp 0.056408 NAN NAN NAN

L21.Precip. horaria 0.000278 NAN NAN NAN

L21.Temp. prom aire 0.239380 NAN NAN NAN

L22.Conduct -0.073121 NAN NAN NAN

L22.Water 0.117458 NAN NAN NAN

L22.Temp 0.000225 NAN NAN NAN

L22.Precip. horaria 0.001553 0.000000 7636.681 0.000

L22.Temp. prom aire -0.011292 NAN NAN NAN

L23.Conduct 0.034704 NAN NAN NAN

L23.Water 0.010900 NAN NAN NAN

L23.Temp 0.186890 NAN NAN NAN

L23.Precip. horaria 0.003896 NAN NAN NAN

L23.Temp. prom aire 0.044801 NAN NAN NAN

L24.Conduct 0.023545 0.000000 23006059.257 0.000

L24.Water 0.036800 0.000000 25300430.346 0.000

L24.Temp 0.110971 0.000000 47787524.013 0.000

L24.Precip. horaria -0.000971 NAN NAN NAN

L24.Temp. prom aire 0.267363 0.000000 93795087.843 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000569 0.000000 12619.610 0.000

L1.Conduct -0.043776 0.000000 -16904700.168 0.000

L1.Water 0.031382 NAN NAN NAN

L1.Temp -0.015041 NAN NAN NAN

L1.Precip. horaria -0.016607 NAN NAN NAN

L1.Temp. prom aire 0.049878 NAN NAN NAN

L2.Conduct 0.072802 NAN NAN NAN

L2.Water 0.031933 NAN NAN NAN

L2.Temp 0.000983 0.000000 924867.236 0.000

L2.Precip. horaria 0.005706 0.000001 10256.821 0.000

L2.Temp. prom aire 0.004075 0.000000 3200802.543 0.000

L3.Conduct 0.040832 NAN NAN NAN

L3.Water -0.045069 0.000000 -8569945.928 0.000

L3.Temp 0.152686 NAN NAN NAN

L3.Precip. horaria -0.009091 NAN NAN NAN

L3.Temp. prom aire -0.037872 NAN NAN NAN

L4.Conduct 0.030011 NAN NAN NAN

L4.Water 0.035200 0.000000 7514375.542 0.000

L4.Temp 0.179111 NAN NAN NAN

L4.Precip. horaria 0.011944 0.000001 13878.910 0.000

L4.Temp. prom aire 0.072908 NAN NAN NAN

L5.Conduct -0.005343 NAN NAN NAN

L5.Water -0.011878 NAN NAN NAN

L5.Temp -0.068365 0.000000 -33872448.014 0.000

L5.Precip. horaria 0.000836 0.000001 902.690 0.000

L5.Temp. prom aire 0.076993 NAN NAN NAN

L6.Conduct -0.120769 0.000000 -52685387.604 0.000

L6.Water -0.039921 NAN NAN NAN

L6.Temp 0.101080 NAN NAN NAN

L6.Precip. horaria -0.005759 0.000001 -6866.559 0.000

L6.Temp. prom aire -0.050294 NAN NAN NAN

L7.Conduct 0.155421 NAN NAN NAN

L7.Water -0.033197 NAN NAN NAN

L7.Temp 0.072234 NAN NAN NAN

L7.Precip. horaria -0.015172 NAN NAN NAN

L7.Temp. prom aire 0.023017 NAN NAN NAN

L8.Conduct -0.014169 NAN NAN NAN

L8.Water -0.060046 NAN NAN NAN

L8.Temp 0.166030 0.000000 68959606.158 0.000

L8.Precip. horaria 0.005616 NAN NAN NAN

L8.Temp. prom aire 0.094616 0.000000 33573481.041 0.000

L9.Conduct 0.055722 NAN NAN NAN

L9.Water -0.053321 0.000000 -37329773.477 0.000

L9.Temp -0.125829 0.000000 -25300823.067 0.000

L9.Precip. horaria 0.002204 NAN NAN NAN

L9.Temp. prom aire 0.033171 0.000000 5022770.432 0.000

L10.Conduct 0.006744 0.000000 3982582.307 0.000

L10.Water -0.028855 0.000000 -3931750.517 0.000

L10.Temp 0.134500 NAN NAN NAN

L10.Precip. horaria 0.006741 0.000001 5699.032 0.000

L10.Temp. prom aire -0.049746 NAN NAN NAN

L11.Conduct -0.008855 NAN NAN NAN

L11.Water -0.081855 NAN NAN NAN

L11.Temp -0.132348 0.000000 -35931718.610 0.000

L11.Precip. horaria -0.007653 0.000001 -6209.930 0.000

L11.Temp. prom aire -0.036251 NAN NAN NAN

L12.Conduct 0.005407 0.000000 2953284.085 0.000

L12.Water 0.067209 NAN NAN NAN

L12.Temp 0.113048 NAN NAN NAN

L12.Precip. horaria -0.002462 0.000001 -1841.144 0.000

L12.Temp. prom aire -0.122590 0.000000 -26410320.998 0.000

L13.Conduct 0.036304 NAN NAN NAN

L13.Water 0.153886 0.000000 22844035.156 0.000

L13.Temp -0.064038 NAN NAN NAN

L13.Precip. horaria 0.003852 0.000001 3442.651 0.000

L13.Temp. prom aire 0.135115 NAN NAN NAN

L14.Conduct 0.001351 NAN NAN NAN

L14.Water -0.002792 NAN NAN NAN

L14.Temp 0.072446 NAN NAN NAN

L14.Precip. horaria 0.002253 0.000001 2020.590 0.000

L14.Temp. prom aire -0.075381 NAN NAN NAN

L15.Conduct 0.011234 NAN NAN NAN

L15.Water -0.105528 NAN NAN NAN

L15.Temp 0.074462 0.000000 16218777.794 0.000

L15.Precip. horaria -0.009311 NAN NAN NAN

L15.Temp. prom aire 0.132446 NAN NAN NAN

L16.Conduct -0.027652 NAN NAN NAN

L16.Water 0.049468 NAN NAN NAN

L16.Temp 0.008070 NAN NAN NAN

L16.Precip. horaria 0.005595 NAN NAN NAN

L16.Temp. prom aire 0.105289 NAN NAN NAN

L17.Conduct -0.082490 0.000000 -38572191.983 0.000

L17.Water 0.122446 NAN NAN NAN

L17.Temp 0.031410 NAN NAN NAN

L17.Precip. horaria -0.005542 NAN NAN NAN

L17.Temp. prom aire -0.007006 0.000000 -900171.333 0.000

L18.Conduct 0.041151 0.000000 26237375.891 0.000

L18.Water 0.065787 0.000000 57717856.889 0.000

L18.Temp 0.041402 NAN NAN NAN

L18.Precip. horaria 0.003764 0.000001 5305.548 0.000

L18.Temp. prom aire -0.016620 NAN NAN NAN

L19.Conduct 0.049486 0.000000 19309842.201 0.000

L19.Water -0.098706 0.000000 -224632137.372 0.000

L19.Temp -0.021387 NAN NAN NAN

L19.Precip. horaria 0.003906 NAN NAN NAN

L19.Temp. prom aire 0.037935 NAN NAN NAN

L20.Conduct -0.036020 NAN NAN NAN

L20.Water -0.003635 NAN NAN NAN

L20.Temp -0.089028 NAN NAN NAN

L20.Precip. horaria -0.008067 0.000000 -20662.014 0.000

L20.Temp. prom aire 0.049166 0.000000 11640382.649 0.000

L21.Conduct -0.018972 NAN NAN NAN

L21.Water 0.055411 NAN NAN NAN

L21.Temp -0.029587 NAN NAN NAN

L21.Precip. horaria -0.001617 NAN NAN NAN

L21.Temp. prom aire -0.075175 NAN NAN NAN

L22.Conduct -0.043923 NAN NAN NAN

L22.Water -0.050890 NAN NAN NAN

L22.Temp 0.000296 NAN NAN NAN

L22.Precip. horaria 0.008015 0.000000 17797.409 0.000

L22.Temp. prom aire -0.206664 NAN NAN NAN

L23.Conduct -0.018609 NAN NAN NAN

L23.Water 0.271467 NAN NAN NAN

L23.Temp -0.144305 NAN NAN NAN

L23.Precip. horaria 0.008502 NAN NAN NAN

L23.Temp. prom aire -0.004218 NAN NAN NAN

L24.Conduct 0.075638 0.000000 33364245.901 0.000

L24.Water 0.069224 0.000000 21485523.264 0.000

L24.Temp -0.096827 0.000000 -18823873.205 0.000

L24.Precip. horaria -0.002575 NAN NAN NAN

L24.Temp. prom aire -0.151262 0.000000 -23956148.472 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000021 0.000000 33027.117 0.000

L1.Conduct -0.004621 0.000000 -126373441.244 0.000

L1.Water -0.000360 NAN NAN NAN

L1.Temp -0.002101 NAN NAN NAN

L1.Precip. horaria -0.000289 NAN NAN NAN

L1.Temp. prom aire -0.006215 NAN NAN NAN

L2.Conduct -0.001113 NAN NAN NAN

L2.Water 0.002630 NAN NAN NAN

L2.Temp -0.001689 0.000000 -112464930.018 0.000

L2.Precip. horaria 0.000070 0.000000 8896.466 0.000

L2.Temp. prom aire -0.001750 0.000000 -97340700.501 0.000

L3.Conduct -0.000425 NAN NAN NAN

L3.Water -0.001608 0.000000 -21659092.474 0.000

L3.Temp -0.005991 NAN NAN NAN

L3.Precip. horaria -0.000893 NAN NAN NAN

L3.Temp. prom aire -0.003568 NAN NAN NAN

L4.Conduct 0.002865 NAN NAN NAN

L4.Water 0.001902 0.000000 28755214.284 0.000

L4.Temp -0.000993 NAN NAN NAN

L4.Precip. horaria -0.000019 0.000000 -1541.454 0.000

L4.Temp. prom aire -0.001957 NAN NAN NAN

L5.Conduct 0.000015 NAN NAN NAN

L5.Water -0.001687 NAN NAN NAN

L5.Temp -0.006750 0.000000 -236826670.593 0.000

L5.Precip. horaria -0.000125 0.000000 -9555.218 0.000

L5.Temp. prom aire 0.003049 NAN NAN NAN

L6.Conduct -0.001071 0.000000 -33075552.127 0.000

L6.Water -0.000290 NAN NAN NAN

L6.Temp 0.004574 NAN NAN NAN

L6.Precip. horaria 0.000148 0.000000 12494.549 0.000

L6.Temp. prom aire 0.003986 NAN NAN NAN

L7.Conduct 0.008725 NAN NAN NAN

L7.Water 0.000051 NAN NAN NAN

L7.Temp 0.003716 NAN NAN NAN

L7.Precip. horaria -0.000322 NAN NAN NAN

L7.Temp. prom aire -0.001697 NAN NAN NAN

L8.Conduct -0.006383 NAN NAN NAN

L8.Water -0.001904 NAN NAN NAN

L8.Temp 0.010462 0.000000 307732022.732 0.000

L8.Precip. horaria 0.000477 NAN NAN NAN

L8.Temp. prom aire 0.000406 0.000000 10201836.324 0.000

L9.Conduct -0.002137 NAN NAN NAN

L9.Water -0.002300 0.000000 -114023741.317 0.000

L9.Temp -0.003813 0.000000 -54299067.479 0.000

L9.Precip. horaria 0.000293 NAN NAN NAN

L9.Temp. prom aire 0.004588 0.000000 49196999.690 0.000

L10.Conduct 0.002005 0.000000 83860788.904 0.000

L10.Water 0.001128 0.000000 10882323.531 0.000

L10.Temp -0.004320 NAN NAN NAN

L10.Precip. horaria 0.000261 0.000000 15649.095 0.000

L10.Temp. prom aire -0.000770 NAN NAN NAN

L11.Conduct -0.000068 NAN NAN NAN

L11.Water 0.000460 NAN NAN NAN

L11.Temp -0.007217 0.000000 -138765540.338 0.000

L11.Precip. horaria -0.000195 0.000000 -11191.929 0.000

L11.Temp. prom aire 0.006800 NAN NAN NAN

L12.Conduct -0.001894 0.000000 -73262504.264 0.000

L12.Water 0.004444 NAN NAN NAN

L12.Temp 0.003009 NAN NAN NAN

L12.Precip. horaria -0.000390 0.000000 -20647.057 0.000

L12.Temp. prom aire -0.015574 0.000000 -237605891.578 0.000

L13.Conduct 0.000162 NAN NAN NAN

L13.Water 0.006023 0.000000 63319822.385 0.000

L13.Temp 0.001596 NAN NAN NAN

L13.Precip. horaria -0.000230 0.000000 -14565.834 0.000

L13.Temp. prom aire 0.005290 NAN NAN NAN

L14.Conduct 0.001903 NAN NAN NAN

L14.Water 0.000003 NAN NAN NAN

L14.Temp 0.003266 NAN NAN NAN

L14.Precip. horaria 0.000017 0.000000 1086.473 0.000

L14.Temp. prom aire -0.003890 NAN NAN NAN

L15.Conduct 0.008560 NAN NAN NAN

L15.Water -0.004807 NAN NAN NAN

L15.Temp 0.006136 0.000000 94649184.475 0.000

L15.Precip. horaria -0.000057 NAN NAN NAN

L15.Temp. prom aire 0.009542 NAN NAN NAN

L16.Conduct 0.003739 NAN NAN NAN

L16.Water -0.002842 NAN NAN NAN

L16.Temp -0.000639 NAN NAN NAN

L16.Precip. horaria 0.000344 NAN NAN NAN

L16.Temp. prom aire 0.003274 NAN NAN NAN

L17.Conduct -0.011710 0.000000 -387767605.388 0.000

L17.Water -0.002018 NAN NAN NAN

L17.Temp -0.004948 NAN NAN NAN

L17.Precip. horaria 0.000251 NAN NAN NAN

L17.Temp. prom aire 0.001387 0.000000 12620718.513 0.000

L18.Conduct -0.002183 0.000000 -98548824.970 0.000

L18.Water 0.001639 0.000000 101813191.802 0.000

L18.Temp -0.004069 NAN NAN NAN

L18.Precip. horaria -0.000067 0.000000 -6654.832 0.000

L18.Temp. prom aire -0.009707 NAN NAN NAN

L19.Conduct -0.000474 0.000000 -13103153.089 0.000

L19.Water -0.001161 0.000000 -187046670.593 0.000

L19.Temp -0.001950 NAN NAN NAN

L19.Precip. horaria 0.000019 NAN NAN NAN

L19.Temp. prom aire 0.000362 NAN NAN NAN

L20.Conduct 0.001935 NAN NAN NAN

L20.Water 0.000956 NAN NAN NAN

L20.Temp 0.000920 NAN NAN NAN

L20.Precip. horaria -0.000451 0.000000 -81727.062 0.000

L20.Temp. prom aire 0.000036 0.000000 600905.820 0.000

L21.Conduct 0.002560 NAN NAN NAN

L21.Water 0.003533 NAN NAN NAN

L21.Temp -0.001947 NAN NAN NAN

L21.Precip. horaria -0.000131 NAN NAN NAN

L21.Temp. prom aire 0.000633 NAN NAN NAN

L22.Conduct -0.002462 NAN NAN NAN

L22.Water -0.000035 NAN NAN NAN

L22.Temp 0.013474 NAN NAN NAN

L22.Precip. horaria 0.000303 0.000000 47584.412 0.000

L22.Temp. prom aire -0.005628 NAN NAN NAN

L23.Conduct 0.001472 NAN NAN NAN

L23.Water 0.004873 NAN NAN NAN

L23.Temp 0.002890 NAN NAN NAN

L23.Precip. horaria 0.000424 NAN NAN NAN

L23.Temp. prom aire 0.012525 NAN NAN NAN

L24.Conduct -0.001937 0.000000 -60522254.925 0.000

L24.Water 0.005791 0.000000 127293128.151 0.000

L24.Temp -0.004641 0.000000 -63888112.928 0.000

L24.Precip. horaria 0.000052 NAN NAN NAN

L24.Temp. prom aire -0.005453 0.000000 -61157734.660 0.000

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Results for equation Temp. prom aire

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.000796 0.000000 20249.539 0.000

L1.Conduct 0.045111 0.000000 19987342.949 0.000

L1.Water 0.031737 NAN NAN NAN

L1.Temp -0.167800 NAN NAN NAN

L1.Precip. horaria -0.021779 NAN NAN NAN

L1.Temp. prom aire -0.333472 NAN NAN NAN

L2.Conduct 0.082443 NAN NAN NAN

L2.Water 0.031544 NAN NAN NAN

L2.Temp 0.126937 0.000000 136969520.751 0.000

L2.Precip. horaria 0.013666 0.000000 28184.430 0.000

L2.Temp. prom aire 0.029264 0.000000 26371339.663 0.000

L3.Conduct -0.025732 NAN NAN NAN

L3.Water -0.066747 0.000000 -14562689.911 0.000

L3.Temp 0.206283 NAN NAN NAN

L3.Precip. horaria -0.009194 NAN NAN NAN

L3.Temp. prom aire -0.121385 NAN NAN NAN

L4.Conduct 0.006595 NAN NAN NAN

L4.Water 0.060280 0.000000 14765068.764 0.000

L4.Temp 0.113483 NAN NAN NAN

L4.Precip. horaria 0.023371 0.000001 31159.782 0.000

L4.Temp. prom aire 0.064100 NAN NAN NAN

L5.Conduct -0.002283 NAN NAN NAN

L5.Water -0.000194 NAN NAN NAN

L5.Temp -0.065003 0.000000 -36953501.162 0.000

L5.Precip. horaria -0.003686 0.000001 -4567.209 0.000

L5.Temp. prom aire 0.162217 NAN NAN NAN

L6.Conduct -0.139698 0.000000 -69925102.152 0.000

L6.Water -0.033937 NAN NAN NAN

L6.Temp 0.124997 NAN NAN NAN

L6.Precip. horaria -0.004243 0.000001 -5804.240 0.000

L6.Temp. prom aire -0.059253 NAN NAN NAN

L7.Conduct 0.152805 NAN NAN NAN

L7.Water -0.044851 NAN NAN NAN

L7.Temp -0.098541 NAN NAN NAN

L7.Precip. horaria -0.020644 NAN NAN NAN

L7.Temp. prom aire -0.061848 NAN NAN NAN

L8.Conduct 0.018252 NAN NAN NAN

L8.Water -0.058556 NAN NAN NAN

L8.Temp 0.080437 0.000000 38332752.708 0.000

L8.Precip. horaria 0.009127 NAN NAN NAN

L8.Temp. prom aire -0.142950 0.000000 -58200253.103 0.000

L9.Conduct 0.028541 NAN NAN NAN

L9.Water -0.095088 0.000000 -76381566.831 0.000

L9.Temp 0.009485 0.000000 2188184.085 0.000

L9.Precip. horaria -0.006973 NAN NAN NAN

L9.Temp. prom aire 0.184673 0.000000 32084361.183 0.000

L10.Conduct 0.089814 0.000000 60858814.810 0.000

L10.Water -0.005720 0.000000 -894232.916 0.000

L10.Temp 0.207518 NAN NAN NAN

L10.Precip. horaria 0.009853 0.000001 9558.246 0.000

L10.Temp. prom aire 0.106455 NAN NAN NAN

L11.Conduct -0.128488 NAN NAN NAN

L11.Water -0.149140 NAN NAN NAN

L11.Temp -0.360820 0.000000 -112397909.838 0.000

L11.Precip. horaria -0.008173 0.000001 -7609.111 0.000

L11.Temp. prom aire -0.116808 NAN NAN NAN

L12.Conduct 0.109697 0.000000 68741590.943 0.000

L12.Water 0.117411 NAN NAN NAN

L12.Temp 0.393918 NAN NAN NAN

L12.Precip. horaria 0.001742 0.000001 1494.373 0.000

L12.Temp. prom aire -0.028709 0.000000 -7096588.623 0.000

L13.Conduct -0.013675 NAN NAN NAN

L13.Water 0.133013 0.000000 22655624.336 0.000

L13.Temp -0.071022 NAN NAN NAN

L13.Precip. horaria 0.008186 0.000001 8394.557 0.000

L13.Temp. prom aire 0.135036 NAN NAN NAN

L14.Conduct 0.061291 NAN NAN NAN

L14.Water 0.028351 NAN NAN NAN

L14.Temp 0.057038 NAN NAN NAN

L14.Precip. horaria 0.002688 0.000001 2766.894 0.000

L14.Temp. prom aire -0.051511 NAN NAN NAN

L15.Conduct 0.004620 NAN NAN NAN

L15.Water -0.022909 NAN NAN NAN

L15.Temp 0.004864 0.000000 1215605.253 0.000

L15.Precip. horaria -0.014892 NAN NAN NAN

L15.Temp. prom aire 0.093124 NAN NAN NAN

L16.Conduct -0.060787 NAN NAN NAN

L16.Water 0.192488 NAN NAN NAN

L16.Temp -0.087795 NAN NAN NAN

L16.Precip. horaria 0.008450 NAN NAN NAN

L16.Temp. prom aire 0.009345 NAN NAN NAN

L17.Conduct -0.160543 0.000000 -86132709.618 0.000

L17.Water 0.133277 NAN NAN NAN

L17.Temp 0.289209 NAN NAN NAN

L17.Precip. horaria -0.013502 NAN NAN NAN

L17.Temp. prom aire -0.018953 0.000000 -2794022.097 0.000

L18.Conduct 0.146346 0.000000 107059894.242 0.000

L18.Water 0.088816 0.000000 89405957.940 0.000

L18.Temp 0.002620 NAN NAN NAN

L18.Precip. horaria 0.007668 0.000001 12401.315 0.000

L18.Temp. prom aire 0.102743 NAN NAN NAN

L19.Conduct -0.023202 0.000000 -10388168.157 0.000

L19.Water -0.189540 0.000000 -494921874.271 0.000

L19.Temp 0.060101 NAN NAN NAN

L19.Precip. horaria 0.005135 NAN NAN NAN

L19.Temp. prom aire 0.006251 NAN NAN NAN

L20.Conduct 0.039313 NAN NAN NAN

L20.Water -0.068158 NAN NAN NAN

L20.Temp -0.167732 NAN NAN NAN

L20.Precip. horaria -0.010662 0.000000 -31334.793 0.000

L20.Temp. prom aire 0.138381 0.000000 37591100.091 0.000

L21.Conduct -0.120180 NAN NAN NAN

L21.Water 0.043202 NAN NAN NAN

L21.Temp -0.060622 NAN NAN NAN

L21.Precip. horaria 0.002269 NAN NAN NAN

L21.Temp. prom aire -0.005934 NAN NAN NAN

L22.Conduct -0.007662 NAN NAN NAN

L22.Water 0.058440 NAN NAN NAN

L22.Temp -0.092888 NAN NAN NAN

L22.Precip. horaria 0.011689 0.000000 29781.329 0.000

L22.Temp. prom aire -0.437095 NAN NAN NAN

L23.Conduct -0.080788 NAN NAN NAN

L23.Water 0.267849 NAN NAN NAN

L23.Temp -0.042624 NAN NAN NAN

L23.Precip. horaria 0.010081 NAN NAN NAN

L23.Temp. prom aire 0.059324 NAN NAN NAN

L24.Conduct 0.111934 0.000000 56651475.685 0.000

L24.Water -0.077960 0.000000 -27763133.817 0.000

L24.Temp -0.007744 0.000000 -1727381.002 0.000

L24.Precip. horaria -0.009991 NAN NAN NAN

L24.Temp. prom aire -0.188664 0.000000 -34283378.956 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.437475 -0.518533 -0.274414 -0.379911

Water 0.437475 1.000000 0.159410 0.325129 0.029967

Temp -0.518533 0.159410 1.000000 0.203685 0.752153

Precip. horaria -0.274414 0.325129 0.203685 1.000000 -0.057987

Temp. prom aire -0.379911 0.029967 0.752153 -0.057987 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -269.784

Nobs: 47.0000 HQIC: -284.638

Log likelihood: 7171.15 FPE: -1.23229e-137

AIC: -293.600 Det(Omega\_mle): -2.11182e-140

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.007129 NAN NAN NAN

L1.Conduct 0.693592 NAN NAN NAN

L1.Water -0.108011 NAN NAN NAN

L1.Temp -0.421645 NAN NAN NAN

L1.Precip. horaria 0.088174 0.000001 164879.114 0.000

L1.Temp. prom aire 0.333067 NAN NAN NAN

L2.Conduct -0.569057 0.000000 -146837586.880 0.000

L2.Water -0.276948 NAN NAN NAN

L2.Temp 0.217879 0.000000 47133548.668 0.000

L2.Precip. horaria -0.031156 0.000001 -45742.728 0.000

L2.Temp. prom aire -0.235770 NAN NAN NAN

L3.Conduct 0.309037 0.000000 130615878.494 0.000

L3.Water -0.192522 0.000000 -14823038.009 0.000

L3.Temp -0.687384 0.000000 -72617803.463 0.000

L3.Precip. horaria -0.019127 NAN NAN NAN

L3.Temp. prom aire 0.137643 NAN NAN NAN

L4.Conduct -0.301652 NAN NAN NAN

L4.Water -0.194061 0.000000 -26160767.941 0.000

L4.Temp -0.434666 0.000000 -59373212.600 0.000

L4.Precip. horaria 0.016088 NAN NAN NAN

L4.Temp. prom aire -0.217282 NAN NAN NAN

L5.Conduct 0.161853 0.000000 30837470.558 0.000

L5.Water 0.000607 0.000000 45614.573 0.000

L5.Temp -0.079238 NAN NAN NAN

L5.Precip. horaria 0.014163 NAN NAN NAN

L5.Temp. prom aire -0.309625 NAN NAN NAN

L6.Conduct -0.052975 NAN NAN NAN

L6.Water -0.034085 NAN NAN NAN

L6.Temp -0.120734 NAN NAN NAN

L6.Precip. horaria 0.004859 NAN NAN NAN

L6.Temp. prom aire 0.057986 NAN NAN NAN

L7.Conduct -0.002776 0.000000 -5474237.817 0.000

L7.Water -0.181492 0.000000 -21603244.534 0.000

L7.Temp 0.214603 NAN NAN NAN

L7.Precip. horaria -0.009747 NAN NAN NAN

L7.Temp. prom aire -0.363864 NAN NAN NAN

L8.Conduct -0.095040 0.000000 -16231725.286 0.000

L8.Water -0.001239 NAN NAN NAN

L8.Temp -0.118242 0.000000 -28469597.271 0.000

L8.Precip. horaria 0.001397 NAN NAN NAN

L8.Temp. prom aire -0.725481 NAN NAN NAN

L9.Conduct -0.066881 NAN NAN NAN

L9.Water -0.143547 NAN NAN NAN

L9.Temp 0.288175 NAN NAN NAN

L9.Precip. horaria -0.003932 0.000001 -4801.273 0.000

L9.Temp. prom aire -0.189566 0.000000 -31259276.181 0.000

L10.Conduct -0.025618 NAN NAN NAN

L10.Water 0.044505 NAN NAN NAN

L10.Temp -0.194745 NAN NAN NAN

L10.Precip. horaria -0.008111 NAN NAN NAN

L10.Temp. prom aire 0.787528 NAN NAN NAN

L11.Conduct 0.211808 0.000000 32557832.287 0.000

L11.Water 0.267136 0.000000 20774821.951 0.000

L11.Temp -0.070201 NAN NAN NAN

L11.Precip. horaria -0.006319 0.000001 -7220.656 0.000

L11.Temp. prom aire 0.963543 0.000000 82372086.168 0.000

L12.Conduct -0.184257 NAN NAN NAN

L12.Water 0.362876 NAN NAN NAN

L12.Temp 0.161931 0.000000 33727516.771 0.000

L12.Precip. horaria -0.002917 NAN NAN NAN

L12.Temp. prom aire 1.074815 0.000000 147679031.402 0.000

L13.Conduct -0.093943 NAN NAN NAN

L13.Water 0.288758 NAN NAN NAN

L13.Temp 0.695885 NAN NAN NAN

L13.Precip. horaria 0.005210 NAN NAN NAN

L13.Temp. prom aire -1.043088 0.000000 -219884272.952 0.000

L14.Conduct -0.210233 NAN NAN NAN

L14.Water 0.078174 NAN NAN NAN

L14.Temp -0.108116 NAN NAN NAN

L14.Precip. horaria 0.009676 NAN NAN NAN

L14.Temp. prom aire 0.319852 NAN NAN NAN

L15.Conduct 0.182887 NAN NAN NAN

L15.Water 0.193834 0.000000 31439766.853 0.000

L15.Temp -0.239655 0.000000 -90077523.062 0.000

L15.Precip. horaria -0.005130 NAN NAN NAN

L15.Temp. prom aire -0.290448 NAN NAN NAN

L16.Conduct 0.005656 NAN NAN NAN

L16.Water 0.160523 0.000000 23638149.561 0.000

L16.Temp 0.174122 NAN NAN NAN

L16.Precip. horaria -0.001380 NAN NAN NAN

L16.Temp. prom aire -0.142815 0.000000 -20312542.002 0.000

L17.Conduct -0.120954 NAN NAN NAN

L17.Water 0.116076 NAN NAN NAN

L17.Temp -0.550438 NAN NAN NAN

L17.Precip. horaria 0.013463 NAN NAN NAN

L17.Temp. prom aire -0.103545 NAN NAN NAN

L18.Conduct 0.085804 NAN NAN NAN

L18.Water 0.032388 NAN NAN NAN

L18.Temp -0.543070 0.000000 -119413568.940 0.000

L18.Precip. horaria -0.011838 NAN NAN NAN

L18.Temp. prom aire -0.832638 NAN NAN NAN

L19.Conduct -0.155457 0.000000 -19398358.516 0.000

L19.Water 0.237061 0.000000 108420775.158 0.000

L19.Temp -0.004617 0.000000 -684538.358 0.000

L19.Precip. horaria -0.018977 NAN NAN NAN

L19.Temp. prom aire -0.100440 NAN NAN NAN

L20.Conduct 0.157228 NAN NAN NAN

L20.Water 0.553406 NAN NAN NAN

L20.Temp 0.564810 0.000000 69089149.195 0.000

L20.Precip. horaria 0.001368 NAN NAN NAN

L20.Temp. prom aire -0.214066 NAN NAN NAN

L21.Conduct -0.104084 NAN NAN NAN

L21.Water 0.286653 0.000000 29086201.739 0.000

L21.Temp 0.282241 NAN NAN NAN

L21.Precip. horaria 0.022698 NAN NAN NAN

L21.Temp. prom aire 0.855641 0.000000 416003995.590 0.000

L22.Conduct 0.038112 NAN NAN NAN

L22.Water 0.556723 NAN NAN NAN

L22.Temp -0.192535 NAN NAN NAN

L22.Precip. horaria 0.019777 0.000000 58003.826 0.000

L22.Temp. prom aire -0.310575 NAN NAN NAN

L23.Conduct -0.516600 NAN NAN NAN

L23.Water 0.138112 0.000000 16267239.223 0.000

L23.Temp 0.790283 0.000000 88796763.070 0.000

L23.Precip. horaria -0.006335 NAN NAN NAN

L23.Temp. prom aire 0.566196 NAN NAN NAN

L24.Conduct -0.007698 NAN NAN NAN

L24.Water 0.340176 NAN NAN NAN

L24.Temp 0.039127 NAN NAN NAN

L24.Precip. horaria -0.000822 NAN NAN NAN

L24.Temp. prom aire 1.080168 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.001081 NAN NAN NAN

L1.Conduct 0.123156 NAN NAN NAN

L1.Water -0.001662 NAN NAN NAN

L1.Temp -0.069644 NAN NAN NAN

L1.Precip. horaria 0.018355 0.000000 37368.037 0.000

L1.Temp. prom aire 0.087419 NAN NAN NAN

L2.Conduct -0.154099 0.000000 -43291880.797 0.000

L2.Water -0.043101 NAN NAN NAN

L2.Temp 0.053162 0.000000 12521171.000 0.000

L2.Precip. horaria -0.006120 0.000001 -9782.190 0.000

L2.Temp. prom aire -0.046394 NAN NAN NAN

L3.Conduct 0.130243 0.000000 59932686.015 0.000

L3.Water -0.017382 0.000000 -1457059.813 0.000

L3.Temp -0.142612 0.000000 -16403042.892 0.000

L3.Precip. horaria -0.006283 NAN NAN NAN

L3.Temp. prom aire 0.018360 NAN NAN NAN

L4.Conduct -0.081348 NAN NAN NAN

L4.Water -0.025992 0.000000 -3814880.304 0.000

L4.Temp -0.103628 0.000000 -15411176.497 0.000

L4.Precip. horaria 0.004630 NAN NAN NAN

L4.Temp. prom aire -0.024853 NAN NAN NAN

L5.Conduct 0.037803 0.000000 7841640.220 0.000

L5.Water 0.022723 0.000000 1857840.538 0.000

L5.Temp -0.037638 NAN NAN NAN

L5.Precip. horaria 0.002547 NAN NAN NAN

L5.Temp. prom aire -0.067230 NAN NAN NAN

L6.Conduct -0.029651 NAN NAN NAN

L6.Water 0.006712 NAN NAN NAN

L6.Temp -0.035264 NAN NAN NAN

L6.Precip. horaria 0.002412 NAN NAN NAN

L6.Temp. prom aire 0.002821 NAN NAN NAN

L7.Conduct 0.053414 0.000000 114675823.775 0.000

L7.Water -0.020920 0.000000 -2711147.817 0.000

L7.Temp 0.059932 NAN NAN NAN

L7.Precip. horaria -0.002134 NAN NAN NAN

L7.Temp. prom aire -0.084905 NAN NAN NAN

L8.Conduct 0.052475 0.000000 9757389.755 0.000

L8.Water 0.008615 NAN NAN NAN

L8.Temp -0.007997 0.000000 -2096443.836 0.000

L8.Precip. horaria 0.001171 NAN NAN NAN

L8.Temp. prom aire -0.176709 NAN NAN NAN

L9.Conduct 0.013186 NAN NAN NAN

L9.Water -0.048714 NAN NAN NAN

L9.Temp 0.071844 NAN NAN NAN

L9.Precip. horaria 0.001253 0.000001 1665.771 0.000

L9.Temp. prom aire -0.046475 0.000000 -8343794.507 0.000

L10.Conduct -0.024145 NAN NAN NAN

L10.Water -0.016632 NAN NAN NAN

L10.Temp -0.038992 NAN NAN NAN

L10.Precip. horaria -0.002092 NAN NAN NAN

L10.Temp. prom aire 0.159978 NAN NAN NAN

L11.Conduct 0.053545 0.000000 8961039.606 0.000

L11.Water 0.045122 0.000000 3820518.979 0.000

L11.Temp -0.042801 NAN NAN NAN

L11.Precip. horaria -0.001609 0.000001 -2002.084 0.000

L11.Temp. prom aire 0.216175 0.000000 20120496.690 0.000

L12.Conduct -0.035733 NAN NAN NAN

L12.Water 0.071729 NAN NAN NAN

L12.Temp 0.023327 0.000000 5289829.486 0.000

L12.Precip. horaria -0.001408 NAN NAN NAN

L12.Temp. prom aire 0.228004 0.000000 34107724.152 0.000

L13.Conduct 0.034163 NAN NAN NAN

L13.Water 0.064634 NAN NAN NAN

L13.Temp 0.156898 NAN NAN NAN

L13.Precip. horaria 0.000738 NAN NAN NAN

L13.Temp. prom aire -0.201889 0.000000 -46335121.274 0.000

L14.Conduct -0.013174 NAN NAN NAN

L14.Water -0.008526 NAN NAN NAN

L14.Temp 0.002426 NAN NAN NAN

L14.Precip. horaria 0.002349 NAN NAN NAN

L14.Temp. prom aire 0.058974 NAN NAN NAN

L15.Conduct 0.097424 NAN NAN NAN

L15.Water 0.007489 0.000000 1322530.314 0.000

L15.Temp -0.014775 0.000000 -6046229.103 0.000

L15.Precip. horaria -0.000417 NAN NAN NAN

L15.Temp. prom aire -0.015432 NAN NAN NAN

L16.Conduct 0.056732 NAN NAN NAN

L16.Water 0.002470 0.000000 396039.043 0.000

L16.Temp 0.065185 NAN NAN NAN

L16.Precip. horaria -0.000341 NAN NAN NAN

L16.Temp. prom aire -0.030830 0.000000 -4774091.512 0.000

L17.Conduct -0.073416 NAN NAN NAN

L17.Water -0.021083 NAN NAN NAN

L17.Temp -0.088404 NAN NAN NAN

L17.Precip. horaria 0.003534 NAN NAN NAN

L17.Temp. prom aire 0.035336 NAN NAN NAN

L18.Conduct 0.013709 NAN NAN NAN

L18.Water -0.031212 NAN NAN NAN

L18.Temp -0.108142 0.000000 -25888996.297 0.000

L18.Precip. horaria -0.003242 NAN NAN NAN

L18.Temp. prom aire -0.175641 NAN NAN NAN

L19.Conduct -0.022846 0.000000 -3103708.880 0.000

L19.Water 0.007600 0.000000 3784366.775 0.000

L19.Temp -0.007004 0.000000 -1130522.073 0.000

L19.Precip. horaria -0.004766 NAN NAN NAN

L19.Temp. prom aire -0.004301 NAN NAN NAN

L20.Conduct 0.044572 NAN NAN NAN

L20.Water 0.069988 NAN NAN NAN

L20.Temp 0.128882 0.000000 17164248.649 0.000

L20.Precip. horaria -0.001551 NAN NAN NAN

L20.Temp. prom aire -0.052245 NAN NAN NAN

L21.Conduct -0.024657 NAN NAN NAN

L21.Water 0.032080 0.000000 3543994.609 0.000

L21.Temp 0.070357 NAN NAN NAN

L21.Precip. horaria 0.003674 NAN NAN NAN

L21.Temp. prom aire 0.169599 0.000000 89774656.369 0.000

L22.Conduct -0.002978 NAN NAN NAN

L22.Water 0.110153 NAN NAN NAN

L22.Temp -0.026014 NAN NAN NAN

L22.Precip. horaria 0.004585 0.000000 14641.638 0.000

L22.Temp. prom aire -0.084652 NAN NAN NAN

L23.Conduct -0.097271 NAN NAN NAN

L23.Water 0.044190 0.000000 5666745.839 0.000

L23.Temp 0.156310 0.000000 19121662.752 0.000

L23.Precip. horaria 0.001188 NAN NAN NAN

L23.Temp. prom aire 0.106070 NAN NAN NAN

L24.Conduct -0.025770 NAN NAN NAN

L24.Water 0.083767 NAN NAN NAN

L24.Temp 0.017949 NAN NAN NAN

L24.Precip. horaria 0.000949 NAN NAN NAN

L24.Temp. prom aire 0.240065 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000494 NAN NAN NAN

L1.Conduct -0.006560 NAN NAN NAN

L1.Water 0.021445 NAN NAN NAN

L1.Temp 0.041361 NAN NAN NAN

L1.Precip. horaria -0.014571 0.000000 -36257.011 0.000

L1.Temp. prom aire 0.000951 NAN NAN NAN

L2.Conduct 0.109038 0.000000 37439398.698 0.000

L2.Water 0.049271 NAN NAN NAN

L2.Temp 0.048342 0.000000 13915831.000 0.000

L2.Precip. horaria 0.008023 0.000001 15673.611 0.000

L2.Temp. prom aire 0.084622 NAN NAN NAN

L3.Conduct -0.025679 0.000000 -14442222.174 0.000

L3.Water 0.001301 0.000000 133284.543 0.000

L3.Temp 0.171896 0.000000 24164654.840 0.000

L3.Precip. horaria -0.000203 NAN NAN NAN

L3.Temp. prom aire -0.026823 NAN NAN NAN

L4.Conduct 0.020457 NAN NAN NAN

L4.Water 0.030846 0.000000 5533308.575 0.000

L4.Temp 0.122498 0.000000 22265660.900 0.000

L4.Precip. horaria 0.003598 NAN NAN NAN

L4.Temp. prom aire 0.083623 NAN NAN NAN

L5.Conduct 0.018232 0.000000 4622316.326 0.000

L5.Water -0.030577 0.000000 -3055541.937 0.000

L5.Temp -0.023649 NAN NAN NAN

L5.Precip. horaria -0.007309 NAN NAN NAN

L5.Temp. prom aire 0.047973 NAN NAN NAN

L6.Conduct -0.103720 NAN NAN NAN

L6.Water -0.064141 NAN NAN NAN

L6.Temp 0.070833 NAN NAN NAN

L6.Precip. horaria 0.002790 NAN NAN NAN

L6.Temp. prom aire -0.040767 NAN NAN NAN

L7.Conduct 0.117258 0.000000 307684154.557 0.000

L7.Water 0.030571 0.000000 4842111.329 0.000

L7.Temp 0.031490 NAN NAN NAN

L7.Precip. horaria -0.005837 NAN NAN NAN

L7.Temp. prom aire 0.070568 NAN NAN NAN

L8.Conduct -0.004044 0.000000 -919085.203 0.000

L8.Water -0.047770 NAN NAN NAN

L8.Temp 0.080127 0.000000 25671942.251 0.000

L8.Precip. horaria 0.004394 NAN NAN NAN

L8.Temp. prom aire 0.091521 NAN NAN NAN

L9.Conduct 0.062233 NAN NAN NAN

L9.Water 0.028136 NAN NAN NAN

L9.Temp -0.182324 NAN NAN NAN

L9.Precip. horaria -0.002548 0.000001 -4140.126 0.000

L9.Temp. prom aire -0.102674 0.000000 -22529253.220 0.000

L10.Conduct 0.016541 NAN NAN NAN

L10.Water 0.000832 NAN NAN NAN

L10.Temp 0.204669 NAN NAN NAN

L10.Precip. horaria 0.002900 NAN NAN NAN

L10.Temp. prom aire -0.031575 NAN NAN NAN

L11.Conduct 0.003294 0.000000 673752.635 0.000

L11.Water -0.000584 0.000000 -60439.691 0.000

L11.Temp -0.142731 NAN NAN NAN

L11.Precip. horaria -0.001441 0.000001 -2191.628 0.000

L11.Temp. prom aire -0.096714 0.000000 -11001979.088 0.000

L12.Conduct -0.006435 NAN NAN NAN

L12.Water -0.064681 NAN NAN NAN

L12.Temp 0.084153 0.000000 23323523.389 0.000

L12.Precip. horaria 0.002910 NAN NAN NAN

L12.Temp. prom aire -0.044284 0.000000 -8096508.232 0.000

L13.Conduct 0.083230 NAN NAN NAN

L13.Water -0.028893 NAN NAN NAN

L13.Temp -0.082313 NAN NAN NAN

L13.Precip. horaria -0.002158 NAN NAN NAN

L13.Temp. prom aire 0.130185 0.000000 36517689.042 0.000

L14.Conduct -0.010483 NAN NAN NAN

L14.Water -0.009345 NAN NAN NAN

L14.Temp 0.093286 NAN NAN NAN

L14.Precip. horaria -0.000133 NAN NAN NAN

L14.Temp. prom aire 0.045506 NAN NAN NAN

L15.Conduct 0.011191 NAN NAN NAN

L15.Water -0.035245 0.000000 -7607120.557 0.000

L15.Temp 0.124503 0.000000 62269810.889 0.000

L15.Precip. horaria -0.002824 NAN NAN NAN

L15.Temp. prom aire 0.082136 NAN NAN NAN

L16.Conduct 0.033001 NAN NAN NAN

L16.Water 0.017906 0.000000 3508747.348 0.000

L16.Temp -0.010751 NAN NAN NAN

L16.Precip. horaria 0.003021 NAN NAN NAN

L16.Temp. prom aire 0.065311 0.000000 12360842.452 0.000

L17.Conduct -0.001809 NAN NAN NAN

L17.Water -0.041321 NAN NAN NAN

L17.Temp 0.103293 NAN NAN NAN

L17.Precip. horaria -0.004422 NAN NAN NAN

L17.Temp. prom aire 0.037416 NAN NAN NAN

L18.Conduct 0.030781 NAN NAN NAN

L18.Water -0.014642 NAN NAN NAN

L18.Temp 0.064501 0.000000 18872753.006 0.000

L18.Precip. horaria 0.002461 NAN NAN NAN

L18.Temp. prom aire 0.052890 NAN NAN NAN

L19.Conduct 0.046658 0.000000 7747361.474 0.000

L19.Water -0.029957 0.000000 -18231246.006 0.000

L19.Temp -0.063341 0.000000 -12495556.167 0.000

L19.Precip. horaria 0.000921 NAN NAN NAN

L19.Temp. prom aire -0.015851 NAN NAN NAN

L20.Conduct -0.048878 NAN NAN NAN

L20.Water -0.083882 NAN NAN NAN

L20.Temp -0.111294 0.000000 -18115445.948 0.000

L20.Precip. horaria 0.002225 NAN NAN NAN

L20.Temp. prom aire -0.062498 NAN NAN NAN

L21.Conduct 0.081609 NAN NAN NAN

L21.Water 0.062918 0.000000 8495236.661 0.000

L21.Temp -0.031998 NAN NAN NAN

L21.Precip. horaria -0.002304 NAN NAN NAN

L21.Temp. prom aire -0.105954 0.000000 -68547607.631 0.000

L22.Conduct -0.110231 NAN NAN NAN

L22.Water -0.132756 NAN NAN NAN

L22.Temp -0.071057 NAN NAN NAN

L22.Precip. horaria -0.001585 0.000000 -6187.319 0.000

L22.Temp. prom aire -0.042687 NAN NAN NAN

L23.Conduct 0.326289 NAN NAN NAN

L23.Water 0.074170 0.000000 11624676.833 0.000

L23.Temp -0.083464 0.000000 -12479163.990 0.000

L23.Precip. horaria 0.004902 NAN NAN NAN

L23.Temp. prom aire -0.075242 NAN NAN NAN

L24.Conduct 0.032072 NAN NAN NAN

L24.Water 0.043260 NAN NAN NAN

L24.Temp -0.047861 NAN NAN NAN

L24.Precip. horaria -0.006951 NAN NAN NAN

L24.Temp. prom aire -0.073292 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000020 NAN NAN NAN

L1.Conduct -0.003970 NAN NAN NAN

L1.Water -0.002306 NAN NAN NAN

L1.Temp -0.001655 NAN NAN NAN

L1.Precip. horaria -0.000568 0.000000 -83972.906 0.000

L1.Temp. prom aire -0.007807 NAN NAN NAN

L2.Conduct -0.000458 0.000000 -9343792.277 0.000

L2.Water 0.000669 NAN NAN NAN

L2.Temp -0.005203 0.000000 -89022163.915 0.000

L2.Precip. horaria 0.000149 0.000000 17316.630 0.000

L2.Temp. prom aire 0.002637 NAN NAN NAN

L3.Conduct -0.000463 0.000000 -15467809.487 0.000

L3.Water -0.001915 0.000000 -11660569.507 0.000

L3.Temp -0.001172 0.000000 -9796164.901 0.000

L3.Precip. horaria -0.000333 NAN NAN NAN

L3.Temp. prom aire -0.005209 NAN NAN NAN

L4.Conduct 0.002492 NAN NAN NAN

L4.Water 0.001867 0.000000 19902228.562 0.000

L4.Temp -0.000248 0.000000 -2675161.111 0.000

L4.Precip. horaria 0.000308 NAN NAN NAN

L4.Temp. prom aire -0.000862 NAN NAN NAN

L5.Conduct 0.001628 0.000000 24526236.603 0.000

L5.Water -0.001606 0.000000 -9536179.361 0.000

L5.Temp -0.001054 NAN NAN NAN

L5.Precip. horaria -0.000369 NAN NAN NAN

L5.Temp. prom aire 0.002536 NAN NAN NAN

L6.Conduct -0.004396 NAN NAN NAN

L6.Water -0.000249 NAN NAN NAN

L6.Temp -0.000573 NAN NAN NAN

L6.Precip. horaria 0.000334 NAN NAN NAN

L6.Temp. prom aire 0.001086 NAN NAN NAN

L7.Conduct 0.009489 0.000000 1479809614.414 0.000

L7.Water 0.004187 0.000000 39411572.862 0.000

L7.Temp -0.003186 NAN NAN NAN

L7.Precip. horaria -0.000231 NAN NAN NAN

L7.Temp. prom aire -0.004485 NAN NAN NAN

L8.Conduct -0.007835 0.000000 -105825395.794 0.000

L8.Water -0.000646 NAN NAN NAN

L8.Temp 0.006192 0.000000 117903395.979 0.000

L8.Precip. horaria 0.000378 NAN NAN NAN

L8.Temp. prom aire -0.004513 NAN NAN NAN

L9.Conduct -0.001681 NAN NAN NAN

L9.Water -0.001915 NAN NAN NAN

L9.Temp 0.000001 NAN NAN NAN

L9.Precip. horaria -0.000076 0.000000 -7356.741 0.000

L9.Temp. prom aire 0.003956 0.000000 51591867.892 0.000

L10.Conduct 0.001163 NAN NAN NAN

L10.Water 0.000704 NAN NAN NAN

L10.Temp -0.000412 NAN NAN NAN

L10.Precip. horaria -0.000057 NAN NAN NAN

L10.Temp. prom aire 0.002394 NAN NAN NAN

L11.Conduct 0.002324 0.000000 28246724.568 0.000

L11.Water 0.000523 0.000000 3216906.572 0.000

L11.Temp -0.003969 NAN NAN NAN

L11.Precip. horaria 0.000008 0.000000 734.416 0.000

L11.Temp. prom aire 0.011479 0.000000 77610660.088 0.000

L12.Conduct -0.003887 NAN NAN NAN

L12.Water 0.000631 NAN NAN NAN

L12.Temp 0.005695 0.000000 93812376.726 0.000

L12.Precip. horaria 0.000037 NAN NAN NAN

L12.Temp. prom aire -0.009896 0.000000 -107534987.739 0.000

L13.Conduct 0.002131 NAN NAN NAN

L13.Water 0.000724 NAN NAN NAN

L13.Temp 0.000186 NAN NAN NAN

L13.Precip. horaria -0.000113 NAN NAN NAN

L13.Temp. prom aire 0.004839 0.000000 80677911.736 0.000

L14.Conduct -0.001667 NAN NAN NAN

L14.Water 0.001309 NAN NAN NAN

L14.Temp -0.002464 NAN NAN NAN

L14.Precip. horaria -0.000051 NAN NAN NAN

L14.Temp. prom aire -0.005346 NAN NAN NAN

L15.Conduct 0.009121 NAN NAN NAN

L15.Water 0.001413 0.000000 18123090.124 0.000

L15.Temp 0.002680 0.000000 79657456.886 0.000

L15.Precip. horaria 0.000055 NAN NAN NAN

L15.Temp. prom aire 0.001325 NAN NAN NAN

L16.Conduct 0.003565 NAN NAN NAN

L16.Water 0.000246 0.000000 2866884.222 0.000

L16.Temp -0.002234 NAN NAN NAN

L16.Precip. horaria 0.000155 NAN NAN NAN

L16.Temp. prom aire -0.001557 0.000000 -17516156.235 0.000

L17.Conduct -0.008450 NAN NAN NAN

L17.Water -0.004239 NAN NAN NAN

L17.Temp -0.003382 NAN NAN NAN

L17.Precip. horaria -0.000002 NAN NAN NAN

L17.Temp. prom aire 0.002524 NAN NAN NAN

L18.Conduct -0.003058 NAN NAN NAN

L18.Water 0.000717 NAN NAN NAN

L18.Temp 0.000707 0.000000 12297086.365 0.000

L18.Precip. horaria -0.000176 NAN NAN NAN

L18.Temp. prom aire -0.007550 NAN NAN NAN

L19.Conduct -0.000014 0.000000 -140984.208 0.000

L19.Water 0.002719 0.000000 98348787.760 0.000

L19.Temp 0.001217 0.000000 14271681.706 0.000

L19.Precip. horaria 0.000100 NAN NAN NAN

L19.Temp. prom aire 0.004156 NAN NAN NAN

L20.Conduct -0.001629 NAN NAN NAN

L20.Water -0.001137 NAN NAN NAN

L20.Temp 0.004213 0.000000 40761208.302 0.000

L20.Precip. horaria -0.000025 NAN NAN NAN

L20.Temp. prom aire 0.002592 NAN NAN NAN

L21.Conduct 0.004351 NAN NAN NAN

L21.Water 0.003797 0.000000 30470655.862 0.000

L21.Temp -0.005027 NAN NAN NAN

L21.Precip. horaria -0.000056 NAN NAN NAN

L21.Temp. prom aire 0.002705 0.000000 104016230.564 0.000

L22.Conduct -0.001662 NAN NAN NAN

L22.Water -0.000690 NAN NAN NAN

L22.Temp 0.008187 NAN NAN NAN

L22.Precip. horaria -0.000117 0.000000 -27047.766 0.000

L22.Temp. prom aire -0.005076 NAN NAN NAN

L23.Conduct 0.003453 NAN NAN NAN

L23.Water 0.002474 0.000000 23050055.914 0.000

L23.Temp 0.002132 0.000000 18941341.588 0.000

L23.Precip. horaria 0.000353 NAN NAN NAN

L23.Temp. prom aire 0.009927 NAN NAN NAN

L24.Conduct -0.001444 NAN NAN NAN

L24.Water 0.005805 NAN NAN NAN

L24.Temp -0.001859 NAN NAN NAN

L24.Precip. horaria -0.000146 NAN NAN NAN

L24.Temp. prom aire -0.003753 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000205 NAN NAN NAN

L1.Conduct 0.048797 NAN NAN NAN

L1.Water 0.020570 NAN NAN NAN

L1.Temp -0.022737 NAN NAN NAN

L1.Precip. horaria -0.015632 0.000000 -41355.408 0.000

L1.Temp. prom aire -0.335252 NAN NAN NAN

L2.Conduct 0.084378 0.000000 30803352.282 0.000

L2.Water 0.047171 NAN NAN NAN

L2.Temp 0.107677 0.000000 32955446.485 0.000

L2.Precip. horaria 0.009997 0.000000 20765.835 0.000

L2.Temp. prom aire 0.162354 NAN NAN NAN

L3.Conduct -0.042507 0.000000 -25417754.452 0.000

L3.Water -0.033336 0.000000 -3631326.478 0.000

L3.Temp 0.228550 0.000000 34159639.039 0.000

L3.Precip. horaria -0.005089 NAN NAN NAN

L3.Temp. prom aire -0.171684 NAN NAN NAN

L4.Conduct -0.008666 NAN NAN NAN

L4.Water 0.024566 0.000000 4685315.410 0.000

L4.Temp -0.044899 0.000000 -8676848.260 0.000

L4.Precip. horaria 0.010142 NAN NAN NAN

L4.Temp. prom aire 0.116353 NAN NAN NAN

L5.Conduct 0.036946 0.000000 9958834.751 0.000

L5.Water -0.035442 0.000000 -3765544.922 0.000

L5.Temp 0.047848 NAN NAN NAN

L5.Precip. horaria -0.008607 NAN NAN NAN

L5.Temp. prom aire 0.061366 NAN NAN NAN

L6.Conduct -0.143586 NAN NAN NAN

L6.Water -0.091471 NAN NAN NAN

L6.Temp -0.049470 NAN NAN NAN

L6.Precip. horaria 0.006377 NAN NAN NAN

L6.Temp. prom aire -0.029384 NAN NAN NAN

L7.Conduct 0.121201 0.000000 338131725.096 0.000

L7.Water 0.004372 0.000000 736332.880 0.000

L7.Temp -0.044167 NAN NAN NAN

L7.Precip. horaria -0.012901 NAN NAN NAN

L7.Temp. prom aire -0.103343 NAN NAN NAN

L8.Conduct 0.053466 0.000000 12918831.497 0.000

L8.Water -0.017868 NAN NAN NAN

L8.Temp 0.001269 0.000000 432175.799 0.000

L8.Precip. horaria 0.008891 NAN NAN NAN

L8.Temp. prom aire -0.178913 NAN NAN NAN

L9.Conduct -0.002669 NAN NAN NAN

L9.Water 0.000141 NAN NAN NAN

L9.Temp 0.091921 NAN NAN NAN

L9.Precip. horaria -0.006541 0.000001 -11300.854 0.000

L9.Temp. prom aire 0.122024 0.000000 28467778.606 0.000

L10.Conduct 0.069316 NAN NAN NAN

L10.Water 0.059469 NAN NAN NAN

L10.Temp 0.030137 NAN NAN NAN

L10.Precip. horaria 0.005669 NAN NAN NAN

L10.Temp. prom aire 0.053867 NAN NAN NAN

L11.Conduct -0.113494 0.000000 -24681751.911 0.000

L11.Water -0.048032 0.000000 -5284720.636 0.000

L11.Temp -0.209177 NAN NAN NAN

L11.Precip. horaria -0.004023 0.000001 -6504.129 0.000

L11.Temp. prom aire -0.023065 0.000000 -2789687.402 0.000

L12.Conduct 0.041141 NAN NAN NAN

L12.Water 0.074001 NAN NAN NAN

L12.Temp 0.225145 0.000000 66344420.413 0.000

L12.Precip. horaria 0.004750 NAN NAN NAN

L12.Temp. prom aire -0.008371 0.000000 -1627277.415 0.000

L13.Conduct 0.054710 NAN NAN NAN

L13.Water -0.022082 NAN NAN NAN

L13.Temp 0.001990 NAN NAN NAN

L13.Precip. horaria -0.002645 NAN NAN NAN

L13.Temp. prom aire 0.162075 0.000000 48336737.111 0.000

L14.Conduct -0.052475 NAN NAN NAN

L14.Water 0.082993 NAN NAN NAN

L14.Temp -0.120696 NAN NAN NAN

L14.Precip. horaria 0.002011 NAN NAN NAN

L14.Temp. prom aire 0.043163 NAN NAN NAN

L15.Conduct 0.106302 NAN NAN NAN

L15.Water -0.018761 0.000000 -4305139.179 0.000

L15.Temp 0.062348 0.000000 33154518.619 0.000

L15.Precip. horaria -0.007259 NAN NAN NAN

L15.Temp. prom aire -0.015414 NAN NAN NAN

L16.Conduct -0.055334 NAN NAN NAN

L16.Water 0.077984 0.000000 16246968.256 0.000

L16.Temp -0.113571 NAN NAN NAN

L16.Precip. horaria 0.006730 NAN NAN NAN

L16.Temp. prom aire -0.031373 0.000000 -6313036.911 0.000

L17.Conduct 0.053829 NAN NAN NAN

L17.Water -0.135007 NAN NAN NAN

L17.Temp 0.387448 NAN NAN NAN

L17.Precip. horaria -0.004933 NAN NAN NAN

L17.Temp. prom aire 0.032055 NAN NAN NAN

L18.Conduct 0.001456 NAN NAN NAN

L18.Water -0.012728 NAN NAN NAN

L18.Temp 0.055021 0.000000 17116361.286 0.000

L18.Precip. horaria 0.002289 NAN NAN NAN

L18.Temp. prom aire 0.037342 NAN NAN NAN

L19.Conduct 0.049243 0.000000 8693339.941 0.000

L19.Water -0.023738 0.000000 -15359587.730 0.000

L19.Temp -0.076316 0.000000 -16006900.948 0.000

L19.Precip. horaria -0.000952 NAN NAN NAN

L19.Temp. prom aire 0.071004 NAN NAN NAN

L20.Conduct -0.076636 NAN NAN NAN

L20.Water 0.004904 NAN NAN NAN

L20.Temp -0.082212 0.000000 -14227669.377 0.000

L20.Precip. horaria -0.000104 NAN NAN NAN

L20.Temp. prom aire -0.056928 NAN NAN NAN

L21.Conduct 0.051600 NAN NAN NAN

L21.Water 0.132878 0.000000 19075326.090 0.000

L21.Temp -0.130621 NAN NAN NAN

L21.Precip. horaria 0.001181 NAN NAN NAN

L21.Temp. prom aire 0.048991 0.000000 33698486.162 0.000

L22.Conduct -0.142167 NAN NAN NAN

L22.Water -0.063590 NAN NAN NAN

L22.Temp 0.056845 NAN NAN NAN

L22.Precip. horaria 0.002596 0.000000 10770.323 0.000

L22.Temp. prom aire -0.310359 NAN NAN NAN

L23.Conduct 0.374852 NAN NAN NAN

L23.Water 0.058378 0.000000 9728009.071 0.000

L23.Temp -0.023927 0.000000 -3803603.607 0.000

L23.Precip. horaria 0.007142 NAN NAN NAN

L23.Temp. prom aire 0.099454 NAN NAN NAN

L24.Conduct -0.084795 NAN NAN NAN

L24.Water 0.027157 NAN NAN NAN

L24.Temp 0.009273 NAN NAN NAN

L24.Precip. horaria -0.009933 NAN NAN NAN

L24.Temp. prom aire -0.116130 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.623260 -0.565482 0.126019 -0.204444

Water 0.623260 1.000000 -0.715162 0.408332 -0.344110

Temp -0.565482 -0.715162 1.000000 -0.307779 0.529195

Precip. horaria 0.126019 0.408332 -0.307779 1.000000 0.130434

Temp. prom aire -0.204444 -0.344110 0.529195 0.130434 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -263.334

Nobs: 47.0000 HQIC: -278.188

Log likelihood: 7019.58 FPE: -7.79705e-135

AIC: -287.150 Det(Omega\_mle): -1.33621e-137

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.007179 0.000001 9502.633 0.000

L1.Conduct 0.020368 0.000000 981754.642 0.000

L1.Water 1.045017 NAN NAN NAN

L1.Temp -1.093033 0.000000 -22379810.171 0.000

L1.Precip. horaria 0.141070 0.000003 51877.757 0.000

L1.Temp. prom aire 0.450946 NAN NAN NAN

L2.Conduct -0.343774 0.000000 -13107757.228 0.000

L2.Water 1.499808 0.000000 13555723.562 0.000

L2.Temp 0.659702 0.000000 26913596.686 0.000

L2.Precip. horaria 0.049923 0.000005 10742.133 0.000

L2.Temp. prom aire 1.263197 0.000000 31911171.034 0.000

L3.Conduct 0.379020 NAN NAN NAN

L3.Water 0.990426 0.000000 12709153.903 0.000

L3.Temp -2.164492 0.000000 -27915702.059 0.000

L3.Precip. horaria -0.112516 0.000006 -17794.205 0.000

L3.Temp. prom aire -0.718486 0.000000 -21340811.047 0.000

L4.Conduct -0.213821 NAN NAN NAN

L4.Water -0.364363 0.000000 -5209657.134 0.000

L4.Temp -2.184219 0.000000 -146791566.008 0.000

L4.Precip. horaria 0.115698 NAN NAN NAN

L4.Temp. prom aire -0.363071 0.000000 -3914598.869 0.000

L5.Conduct 0.060586 0.000000 3104162.174 0.000

L5.Water -0.036343 NAN NAN NAN

L5.Temp -1.049960 0.000000 -45668389.866 0.000

L5.Precip. horaria 0.004787 0.000013 379.353 0.000

L5.Temp. prom aire -1.997482 NAN NAN NAN

L6.Conduct -0.519437 NAN NAN NAN

L6.Water -0.062293 0.000000 -1287051.566 0.000

L6.Temp -0.758522 NAN NAN NAN

L6.Precip. horaria 0.073503 0.000007 10698.049 0.000

L6.Temp. prom aire -0.127891 0.000000 -2095098.339 0.000

L7.Conduct 0.029673 0.000000 3765917.975 0.000

L7.Water 0.593534 NAN NAN NAN

L7.Temp -0.415931 0.000000 -18007072.385 0.000

L7.Precip. horaria -0.088518 NAN NAN NAN

L7.Temp. prom aire -0.755073 NAN NAN NAN

L8.Conduct 0.083630 0.000000 6068361.489 0.000

L8.Water 0.753105 0.000000 9263933.109 0.000

L8.Temp 0.447937 0.000000 24386789.743 0.000

L8.Precip. horaria -0.003032 NAN NAN NAN

L8.Temp. prom aire -0.767778 NAN NAN NAN

L9.Conduct 0.034419 0.000000 3241286.034 0.000

L9.Water 0.336963 NAN NAN NAN

L9.Temp -0.228496 NAN NAN NAN

L9.Precip. horaria -0.023287 0.000008 -2807.033 0.000

L9.Temp. prom aire -1.348122 0.000000 -34325999.041 0.000

L10.Conduct -0.208703 0.000000 -11792934.842 0.000

L10.Water -0.189912 0.000000 -1447484.560 0.000

L10.Temp 0.589071 NAN NAN NAN

L10.Precip. horaria 0.048790 NAN NAN NAN

L10.Temp. prom aire 1.129147 NAN NAN NAN

L11.Conduct -0.146261 NAN NAN NAN

L11.Water -0.273133 0.000000 -3666262.986 0.000

L11.Temp -0.556622 0.000000 -7186715.199 0.000

L11.Precip. horaria 0.012143 0.000014 882.263 0.000

L11.Temp. prom aire 1.103646 NAN NAN NAN

L12.Conduct -0.289857 NAN NAN NAN

L12.Water -0.111158 0.000000 -1778602.252 0.000

L12.Temp 0.076269 NAN NAN NAN

L12.Precip. horaria 0.009337 0.000011 826.879 0.000

L12.Temp. prom aire 2.869266 0.000000 42952092.416 0.000

L13.Conduct -0.134277 NAN NAN NAN

L13.Water 0.140515 0.000000 3306943.939 0.000

L13.Temp 1.472846 0.000000 20417269.650 0.000

L13.Precip. horaria -0.035658 NAN NAN NAN

L13.Temp. prom aire -1.100730 NAN NAN NAN

L14.Conduct -0.145109 0.000000 -8455298.430 0.000

L14.Water -0.252481 0.000000 -5819312.858 0.000

L14.Temp -0.874419 0.000000 -32649878.101 0.000

L14.Precip. horaria 0.015739 0.000013 1197.210 0.000

L14.Temp. prom aire 0.092376 0.000000 3177491.048 0.000

L15.Conduct 0.031173 0.000000 3715168.723 0.000

L15.Water -0.488382 NAN NAN NAN

L15.Temp -0.597921 NAN NAN NAN

L15.Precip. horaria -0.020269 0.000009 -2147.193 0.000

L15.Temp. prom aire 1.069442 0.000000 23799491.938 0.000

L16.Conduct -0.023363 0.000000 -1399653.117 0.000

L16.Water -0.299058 NAN NAN NAN

L16.Temp 0.783279 NAN NAN NAN

L16.Precip. horaria 0.008850 NAN NAN NAN

L16.Temp. prom aire -1.392965 NAN NAN NAN

L17.Conduct -0.112706 NAN NAN NAN

L17.Water -0.179190 NAN NAN NAN

L17.Temp -0.487586 0.000000 -10996555.110 0.000

L17.Precip. horaria 0.012954 NAN NAN NAN

L17.Temp. prom aire 0.596326 NAN NAN NAN

L18.Conduct 0.058412 NAN NAN NAN

L18.Water -0.230013 0.000000 -5115240.870 0.000

L18.Temp -0.992884 0.000000 -50481409.400 0.000

L18.Precip. horaria 0.003683 0.000003 1433.969 0.000

L18.Temp. prom aire -2.913985 0.000000 -35908065.499 0.000

L19.Conduct 0.149305 0.000000 15348071.525 0.000

L19.Water 0.452086 NAN NAN NAN

L19.Temp -1.037597 NAN NAN NAN

L19.Precip. horaria -0.035648 0.000004 -10127.131 0.000

L19.Temp. prom aire 0.149619 NAN NAN NAN

L20.Conduct 0.435581 0.000000 36459206.217 0.000

L20.Water 0.194463 NAN NAN NAN

L20.Temp 1.231040 0.000000 47801751.887 0.000

L20.Precip. horaria -0.013880 NAN NAN NAN

L20.Temp. prom aire -0.752347 NAN NAN NAN

L21.Conduct 0.336519 NAN NAN NAN

L21.Water 0.325287 0.000000 9134260.358 0.000

L21.Temp 1.581636 NAN NAN NAN

L21.Precip. horaria 0.008067 0.000006 1412.213 0.000

L21.Temp. prom aire 2.883413 0.000000 33856959.978 0.000

L22.Conduct -0.076456 NAN NAN NAN

L22.Water 0.634675 0.000000 70496560.426 0.000

L22.Temp 0.410010 0.000000 8589780.523 0.000

L22.Precip. horaria 0.004730 0.000005 942.491 0.000

L22.Temp. prom aire -0.615725 NAN NAN NAN

L23.Conduct 0.078055 0.000000 5346123.894 0.000

L23.Water 0.109707 0.000000 2248270.910 0.000

L23.Temp 1.394835 0.000000 22665283.691 0.000

L23.Precip. horaria 0.027302 0.000004 7614.952 0.000

L23.Temp. prom aire -0.718306 NAN NAN NAN

L24.Conduct 0.419839 0.000000 20710711.585 0.000

L24.Water 0.180441 0.000000 2798856.813 0.000

L24.Temp 2.542615 NAN NAN NAN

L24.Precip. horaria 0.014380 0.000004 3705.678 0.000

L24.Temp. prom aire 2.887259 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000981 0.000000 5548.185 0.000

L1.Conduct -0.016947 0.000000 -3489405.786 0.000

L1.Water 0.211036 NAN NAN NAN

L1.Temp -0.117917 0.000000 -10313337.527 0.000

L1.Precip. horaria 0.007086 0.000001 11131.950 0.000

L1.Temp. prom aire 0.013736 NAN NAN NAN

L2.Conduct -0.026716 0.000000 -4351390.840 0.000

L2.Water 0.096220 0.000000 3714923.828 0.000

L2.Temp -0.065104 0.000000 -11345668.978 0.000

L2.Precip. horaria 0.008300 0.000001 7628.544 0.000

L2.Temp. prom aire -0.055614 0.000000 -6001463.884 0.000

L3.Conduct 0.030232 NAN NAN NAN

L3.Water 0.023670 0.000000 1297455.833 0.000

L3.Temp -0.154016 0.000000 -8485100.456 0.000

L3.Precip. horaria 0.003252 0.000001 2196.592 0.000

L3.Temp. prom aire -0.103330 0.000000 -13110439.137 0.000

L4.Conduct 0.017731 NAN NAN NAN

L4.Water 0.011368 0.000000 694323.745 0.000

L4.Temp -0.096253 0.000000 -27632488.676 0.000

L4.Precip. horaria 0.008267 NAN NAN NAN

L4.Temp. prom aire -0.026032 0.000000 -1198954.957 0.000

L5.Conduct 0.014783 0.000000 3235366.039 0.000

L5.Water 0.107327 NAN NAN NAN

L5.Temp -0.001892 0.000000 -351509.387 0.000

L5.Precip. horaria -0.003709 0.000003 -1255.844 0.000

L5.Temp. prom aire -0.049681 NAN NAN NAN

L6.Conduct -0.034954 NAN NAN NAN

L6.Water 0.116193 0.000000 10255058.396 0.000

L6.Temp 0.005697 NAN NAN NAN

L6.Precip. horaria -0.002242 0.000002 -1394.204 0.000

L6.Temp. prom aire 0.051133 0.000000 3578221.146 0.000

L7.Conduct 0.022108 0.000000 11985655.600 0.000

L7.Water 0.091346 NAN NAN NAN

L7.Temp 0.030371 0.000000 5616665.318 0.000

L7.Precip. horaria -0.004693 NAN NAN NAN

L7.Temp. prom aire 0.015405 NAN NAN NAN

L8.Conduct 0.029669 0.000000 9196331.738 0.000

L8.Water 0.019484 0.000000 1023783.662 0.000

L8.Temp 0.020719 0.000000 4818464.642 0.000

L8.Precip. horaria 0.004302 NAN NAN NAN

L8.Temp. prom aire -0.031150 NAN NAN NAN

L9.Conduct 0.002524 0.000000 1015343.627 0.000

L9.Water -0.037432 NAN NAN NAN

L9.Temp 0.002602 NAN NAN NAN

L9.Precip. horaria 0.002776 0.000002 1429.465 0.000

L9.Temp. prom aire -0.113181 0.000000 -12310258.923 0.000

L10.Conduct -0.010422 0.000000 -2515655.540 0.000

L10.Water -0.021979 0.000000 -715611.577 0.000

L10.Temp 0.096241 NAN NAN NAN

L10.Precip. horaria 0.001651 NAN NAN NAN

L10.Temp. prom aire 0.047511 NAN NAN NAN

L11.Conduct -0.002644 NAN NAN NAN

L11.Water 0.020248 0.000000 1160983.108 0.000

L11.Temp 0.067770 0.000000 3737738.164 0.000

L11.Precip. horaria -0.002059 0.000003 -638.935 0.000

L11.Temp. prom aire 0.146480 NAN NAN NAN

L12.Conduct -0.003610 NAN NAN NAN

L12.Water 0.015074 0.000000 1030322.624 0.000

L12.Temp 0.005904 NAN NAN NAN

L12.Precip. horaria -0.000973 0.000003 -368.196 0.000

L12.Temp. prom aire 0.289370 0.000000 18504018.127 0.000

L13.Conduct 0.022034 NAN NAN NAN

L13.Water -0.030435 0.000000 -3059662.347 0.000

L13.Temp 0.057906 0.000000 3428965.316 0.000

L13.Precip. horaria -0.001304 NAN NAN NAN

L13.Temp. prom aire -0.001147 NAN NAN NAN

L14.Conduct 0.021292 0.000000 5299564.621 0.000

L14.Water -0.099753 0.000000 -9821241.208 0.000

L14.Temp -0.064228 0.000000 -10244369.230 0.000

L14.Precip. horaria 0.002729 0.000003 886.668 0.000

L14.Temp. prom aire -0.026804 0.000000 -3938394.382 0.000

L15.Conduct 0.032759 0.000000 16677329.729 0.000

L15.Water -0.092708 NAN NAN NAN

L15.Temp 0.002984 NAN NAN NAN

L15.Precip. horaria -0.000185 0.000002 -83.618 0.000

L15.Temp. prom aire -0.035750 0.000000 -3398494.905 0.000

L16.Conduct 0.021428 0.000000 5483702.172 0.000

L16.Water -0.046037 NAN NAN NAN

L16.Temp 0.058647 NAN NAN NAN

L16.Precip. horaria -0.000334 NAN NAN NAN

L16.Temp. prom aire -0.145406 NAN NAN NAN

L17.Conduct -0.051959 NAN NAN NAN

L17.Water -0.039270 NAN NAN NAN

L17.Temp -0.056316 0.000000 -5425476.228 0.000

L17.Precip. horaria -0.000344 NAN NAN NAN

L17.Temp. prom aire 0.024914 NAN NAN NAN

L18.Conduct -0.012773 NAN NAN NAN

L18.Water -0.089665 0.000000 -8517973.299 0.000

L18.Temp -0.120925 0.000000 -26263288.582 0.000

L18.Precip. horaria -0.001074 0.000001 -1785.704 0.000

L18.Temp. prom aire -0.111638 0.000000 -5876467.904 0.000

L19.Conduct -0.020226 0.000000 -8881483.663 0.000

L19.Water -0.045164 NAN NAN NAN

L19.Temp -0.141266 NAN NAN NAN

L19.Precip. horaria -0.003172 0.000001 -3849.597 0.000

L19.Temp. prom aire 0.046348 NAN NAN NAN

L20.Conduct 0.009727 0.000000 3478000.400 0.000

L20.Water -0.027541 NAN NAN NAN

L20.Temp 0.030320 0.000000 5029183.518 0.000

L20.Precip. horaria -0.001176 NAN NAN NAN

L20.Temp. prom aire -0.091821 NAN NAN NAN

L21.Conduct -0.003828 NAN NAN NAN

L21.Water 0.017351 0.000000 2081255.744 0.000

L21.Temp 0.096716 NAN NAN NAN

L21.Precip. horaria 0.001388 0.000001 1037.685 0.000

L21.Temp. prom aire 0.094172 0.000000 4723480.514 0.000

L22.Conduct 0.024166 NAN NAN NAN

L22.Water 0.078072 0.000000 37043586.949 0.000

L22.Temp 0.079526 0.000000 7116937.476 0.000

L22.Precip. horaria 0.001570 0.000001 1335.904 0.000

L22.Temp. prom aire -0.023011 NAN NAN NAN

L23.Conduct 0.043079 0.000000 12603913.972 0.000

L23.Water 0.041273 0.000000 3613070.630 0.000

L23.Temp 0.111413 0.000000 7733477.925 0.000

L23.Precip. horaria 0.000413 0.000001 492.451 0.000

L23.Temp. prom aire 0.055477 NAN NAN NAN

L24.Conduct 0.024420 0.000000 5145935.445 0.000

L24.Water 0.053594 0.000000 3551050.941 0.000

L24.Temp 0.168558 NAN NAN NAN

L24.Precip. horaria -0.000444 0.000001 -488.240 0.000

L24.Temp. prom aire 0.246242 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000456 0.000000 -2124.446 0.000

L1.Conduct 0.000007 0.000000 1202.746 0.000

L1.Water 0.076974 NAN NAN NAN

L1.Temp 0.078606 0.000000 5659983.265 0.000

L1.Precip. horaria -0.018171 0.000001 -23499.699 0.000

L1.Temp. prom aire 0.122733 NAN NAN NAN

L2.Conduct 0.025018 0.000000 3354600.098 0.000

L2.Water -0.027096 0.000000 -861254.626 0.000

L2.Temp 0.055838 0.000000 8011070.160 0.000

L2.Precip. horaria 0.002331 0.000001 1763.917 0.000

L2.Temp. prom aire 0.018266 0.000000 1622698.685 0.000

L3.Conduct -0.016909 NAN NAN NAN

L3.Water -0.012028 0.000000 -542767.892 0.000

L3.Temp 0.201698 0.000000 9148033.183 0.000

L3.Precip. horaria 0.001054 0.000002 586.458 0.000

L3.Temp. prom aire -0.066056 0.000000 -6899827.305 0.000

L4.Conduct 0.019046 NAN NAN NAN

L4.Water 0.008666 0.000000 435765.525 0.000

L4.Temp 0.147865 0.000000 34946560.426 0.000

L4.Precip. horaria 0.011047 NAN NAN NAN

L4.Temp. prom aire 0.148075 0.000000 5614509.027 0.000

L5.Conduct -0.035125 0.000000 -6328877.390 0.000

L5.Water 0.019097 NAN NAN NAN

L5.Temp -0.051232 0.000000 -7836430.213 0.000

L5.Precip. horaria -0.006108 0.000004 -1702.261 0.000

L5.Temp. prom aire 0.030039 NAN NAN NAN

L6.Conduct -0.014640 NAN NAN NAN

L6.Water 0.094228 0.000000 6846581.021 0.000

L6.Temp 0.063884 NAN NAN NAN

L6.Precip. horaria -0.000595 0.000002 -304.665 0.000

L6.Temp. prom aire -0.012850 0.000000 -740269.315 0.000

L7.Conduct 0.018261 0.000000 8150265.190 0.000

L7.Water 0.121704 NAN NAN NAN

L7.Temp 0.097889 0.000000 14903592.269 0.000

L7.Precip. horaria -0.004613 NAN NAN NAN

L7.Temp. prom aire 0.033715 NAN NAN NAN

L8.Conduct 0.006388 0.000000 1630055.741 0.000

L8.Water 0.046989 0.000000 2032673.176 0.000

L8.Temp 0.038890 0.000000 7445754.710 0.000

L8.Precip. horaria 0.005319 NAN NAN NAN

L8.Temp. prom aire -0.002357 NAN NAN NAN

L9.Conduct 0.022997 0.000000 7615989.009 0.000

L9.Water 0.013139 NAN NAN NAN

L9.Temp -0.207892 NAN NAN NAN

L9.Precip. horaria 0.001461 0.000002 619.269 0.000

L9.Temp. prom aire -0.158944 0.000000 -14232242.527 0.000

L10.Conduct 0.004590 0.000000 912164.001 0.000

L10.Water 0.002511 0.000000 67305.166 0.000

L10.Temp 0.153671 NAN NAN NAN

L10.Precip. horaria 0.001702 NAN NAN NAN

L10.Temp. prom aire -0.081638 NAN NAN NAN

L11.Conduct -0.012326 NAN NAN NAN

L11.Water 0.055789 0.000000 2633512.760 0.000

L11.Temp -0.083013 0.000000 -3769207.314 0.000

L11.Precip. horaria -0.002492 0.000004 -636.738 0.000

L11.Temp. prom aire -0.084056 NAN NAN NAN

L12.Conduct -0.023576 NAN NAN NAN

L12.Water 0.058272 0.000000 3278930.325 0.000

L12.Temp 0.114451 NAN NAN NAN

L12.Precip. horaria 0.000051 0.000003 15.735 0.000

L12.Temp. prom aire -0.013621 0.000000 -717068.936 0.000

L13.Conduct 0.027534 NAN NAN NAN

L13.Water 0.030502 0.000000 2524413.127 0.000

L13.Temp -0.149618 0.000000 -7293884.247 0.000

L13.Precip. horaria 0.000522 NAN NAN NAN

L13.Temp. prom aire 0.189427 NAN NAN NAN

L14.Conduct 0.000093 0.000000 18980.008 0.000

L14.Water 0.025283 0.000000 2049282.763 0.000

L14.Temp 0.132287 0.000000 17370536.196 0.000

L14.Precip. horaria -0.000743 0.000004 -198.784 0.000

L14.Temp. prom aire 0.064224 0.000000 7768780.436 0.000

L15.Conduct 0.030141 0.000000 12632497.979 0.000

L15.Water -0.028318 NAN NAN NAN

L15.Temp 0.099700 NAN NAN NAN

L15.Precip. horaria 0.002078 0.000003 774.031 0.000

L15.Temp. prom aire 0.161363 0.000000 12628387.686 0.000

L16.Conduct -0.034636 0.000000 -7297319.340 0.000

L16.Water 0.040174 NAN NAN NAN

L16.Temp 0.023172 NAN NAN NAN

L16.Precip. horaria 0.002226 NAN NAN NAN

L16.Temp. prom aire 0.030902 NAN NAN NAN

L17.Conduct 0.008598 NAN NAN NAN

L17.Water 0.051155 NAN NAN NAN

L17.Temp 0.081765 0.000000 6484958.724 0.000

L17.Precip. horaria -0.003955 NAN NAN NAN

L17.Temp. prom aire -0.035119 NAN NAN NAN

L18.Conduct -0.023908 NAN NAN NAN

L18.Water 0.060304 0.000000 4716196.781 0.000

L18.Temp 0.060663 0.000000 10846524.160 0.000

L18.Precip. horaria 0.002684 0.000001 3674.657 0.000

L18.Temp. prom aire 0.084187 0.000000 3648267.298 0.000

L19.Conduct 0.025800 0.000000 9326943.284 0.000

L19.Water -0.135784 NAN NAN NAN

L19.Temp -0.084421 NAN NAN NAN

L19.Precip. horaria 0.000339 0.000001 338.308 0.000

L19.Temp. prom aire 0.034597 NAN NAN NAN

L20.Conduct -0.066821 0.000000 -19669219.002 0.000

L20.Water 0.020062 NAN NAN NAN

L20.Temp -0.197334 0.000000 -26946836.333 0.000

L20.Precip. horaria -0.002668 NAN NAN NAN

L20.Temp. prom aire -0.010274 NAN NAN NAN

L21.Conduct 0.012976 NAN NAN NAN

L21.Water 0.027598 0.000000 2725358.650 0.000

L21.Temp -0.053678 NAN NAN NAN

L21.Precip. horaria -0.001565 0.000002 -963.278 0.000

L21.Temp. prom aire -0.254683 0.000000 -10516589.278 0.000

L22.Conduct -0.004267 NAN NAN NAN

L22.Water -0.096490 0.000000 -37690738.421 0.000

L22.Temp -0.043604 0.000000 -3212534.874 0.000

L22.Precip. horaria 0.003152 0.000001 2208.277 0.000

L22.Temp. prom aire -0.115490 NAN NAN NAN

L23.Conduct 0.104456 0.000000 25159926.563 0.000

L23.Water 0.090251 0.000000 6504301.534 0.000

L23.Temp 0.041138 0.000000 2350809.229 0.000

L23.Precip. horaria 0.005881 0.000001 5768.860 0.000

L23.Temp. prom aire -0.039327 NAN NAN NAN

L24.Conduct -0.018283 0.000000 -3171699.615 0.000

L24.Water -0.062203 0.000000 -3393078.937 0.000

L24.Temp -0.123204 NAN NAN NAN

L24.Precip. horaria -0.006960 0.000001 -6307.336 0.000

L24.Temp. prom aire 0.002653 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000022 0.000000 10652.462 0.000

L1.Conduct -0.001718 0.000000 -30223854.448 0.000

L1.Water -0.000991 NAN NAN NAN

L1.Temp -0.001694 0.000000 -12662351.658 0.000

L1.Precip. horaria -0.000235 0.000000 -31591.491 0.000

L1.Temp. prom aire -0.007184 NAN NAN NAN

L2.Conduct 0.000203 0.000000 2820016.719 0.000

L2.Water 0.002673 0.000000 8821139.313 0.000

L2.Temp -0.000409 0.000000 -6091841.245 0.000

L2.Precip. horaria -0.000059 0.000000 -4669.776 0.000

L2.Temp. prom aire 0.007013 0.000000 64674261.732 0.000

L3.Conduct -0.000735 NAN NAN NAN

L3.Water 0.003453 0.000000 16174480.644 0.000

L3.Temp -0.002890 0.000000 -13606822.713 0.000

L3.Precip. horaria -0.000562 0.000000 -32459.401 0.000

L3.Temp. prom aire -0.003747 0.000000 -40634842.932 0.000

L4.Conduct 0.002489 NAN NAN NAN

L4.Water 0.000148 0.000000 772399.586 0.000

L4.Temp -0.000153 0.000000 -3752488.028 0.000

L4.Precip. horaria 0.000150 NAN NAN NAN

L4.Temp. prom aire 0.001597 0.000000 6286923.715 0.000

L5.Conduct -0.000022 0.000000 -420001.238 0.000

L5.Water -0.003871 NAN NAN NAN

L5.Temp -0.000876 0.000000 -13910087.963 0.000

L5.Precip. horaria 0.000087 0.000000 2505.324 0.000

L5.Temp. prom aire -0.000966 NAN NAN NAN

L6.Conduct 0.000710 NAN NAN NAN

L6.Water -0.005039 0.000000 -38009732.572 0.000

L6.Temp -0.003480 NAN NAN NAN

L6.Precip. horaria 0.000307 0.000000 16286.957 0.000

L6.Temp. prom aire 0.000239 0.000000 1432239.023 0.000

L7.Conduct 0.001705 0.000000 79017810.719 0.000

L7.Water -0.001415 NAN NAN NAN

L7.Temp 0.001128 0.000000 17833313.381 0.000

L7.Precip. horaria -0.000174 NAN NAN NAN

L7.Temp. prom aire -0.001902 NAN NAN NAN

L8.Conduct -0.002579 0.000000 -68310639.506 0.000

L8.Water 0.001799 0.000000 8080645.247 0.000

L8.Temp 0.007079 0.000000 140706529.196 0.000

L8.Precip. horaria -0.000103 NAN NAN NAN

L8.Temp. prom aire 0.001583 NAN NAN NAN

L9.Conduct -0.002052 0.000000 -70550477.103 0.000

L9.Water 0.001825 NAN NAN NAN

L9.Temp -0.001649 NAN NAN NAN

L9.Precip. horaria -0.000125 0.000000 -5522.105 0.000

L9.Temp. prom aire 0.007776 0.000000 72278008.742 0.000

L10.Conduct 0.000070 0.000000 1439371.319 0.000

L10.Water -0.000618 0.000000 -1718991.105 0.000

L10.Temp 0.000245 NAN NAN NAN

L10.Precip. horaria 0.000067 NAN NAN NAN

L10.Temp. prom aire 0.003157 NAN NAN NAN

L11.Conduct 0.002387 NAN NAN NAN

L11.Water -0.001905 0.000000 -9334789.275 0.000

L11.Temp -0.003335 0.000000 -15719591.065 0.000

L11.Precip. horaria 0.000093 0.000000 2453.915 0.000

L11.Temp. prom aire 0.007883 NAN NAN NAN

L12.Conduct 0.000209 NAN NAN NAN

L12.Water -0.001269 0.000000 -7413965.359 0.000

L12.Temp 0.005781 NAN NAN NAN

L12.Precip. horaria 0.000052 0.000000 1679.704 0.000

L12.Temp. prom aire -0.016336 0.000000 -89277377.325 0.000

L13.Conduct 0.001531 NAN NAN NAN

L13.Water 0.000320 0.000000 2746319.043 0.000

L13.Temp 0.001216 0.000000 6155847.450 0.000

L13.Precip. horaria -0.000025 NAN NAN NAN

L13.Temp. prom aire 0.002588 NAN NAN NAN

L14.Conduct -0.002492 0.000000 -53000665.432 0.000

L14.Water 0.001224 0.000000 10297603.658 0.000

L14.Temp -0.003258 0.000000 -44405412.246 0.000

L14.Precip. horaria -0.000114 0.000000 -3152.796 0.000

L14.Temp. prom aire -0.006398 0.000000 -80336149.710 0.000

L15.Conduct 0.002895 0.000000 125939945.499 0.000

L15.Water -0.000240 NAN NAN NAN

L15.Temp 0.000660 NAN NAN NAN

L15.Precip. horaria -0.000063 0.000000 -2444.663 0.000

L15.Temp. prom aire 0.004532 0.000000 36821475.156 0.000

L16.Conduct -0.000412 0.000000 -9015091.369 0.000

L16.Water -0.001344 NAN NAN NAN

L16.Temp -0.001926 NAN NAN NAN

L16.Precip. horaria 0.000036 NAN NAN NAN

L16.Temp. prom aire 0.002275 NAN NAN NAN

L17.Conduct -0.000627 NAN NAN NAN

L17.Water -0.001271 NAN NAN NAN

L17.Temp -0.005676 0.000000 -46736174.580 0.000

L17.Precip. horaria 0.000053 NAN NAN NAN

L17.Temp. prom aire -0.003966 NAN NAN NAN

L18.Conduct -0.002100 NAN NAN NAN

L18.Water 0.001224 0.000000 9940783.182 0.000

L18.Temp 0.002261 0.000000 41960210.648 0.000

L18.Precip. horaria 0.000068 0.000000 9703.935 0.000

L18.Temp. prom aire -0.007828 0.000000 -35213883.322 0.000

L19.Conduct 0.002328 0.000000 87363590.292 0.000

L19.Water -0.000898 NAN NAN NAN

L19.Temp 0.004937 NAN NAN NAN

L19.Precip. horaria 0.000053 0.000000 5539.085 0.000

L19.Temp. prom aire 0.001806 NAN NAN NAN

L20.Conduct -0.000825 0.000000 -25207667.923 0.000

L20.Water -0.001265 NAN NAN NAN

L20.Temp 0.003408 0.000000 48304224.560 0.000

L20.Precip. horaria -0.000026 NAN NAN NAN

L20.Temp. prom aire 0.008960 NAN NAN NAN

L21.Conduct 0.003472 NAN NAN NAN

L21.Water -0.000314 0.000000 -3223920.159 0.000

L21.Temp -0.002899 NAN NAN NAN

L21.Precip. horaria -0.000124 0.000000 -7950.567 0.000

L21.Temp. prom aire 0.003695 0.000000 15839717.545 0.000

L22.Conduct -0.003608 NAN NAN NAN

L22.Water -0.002275 0.000000 -92234262.722 0.000

L22.Temp 0.003974 0.000000 30390822.093 0.000

L22.Precip. horaria -0.000131 0.000000 -9519.751 0.000

L22.Temp. prom aire -0.000855 NAN NAN NAN

L23.Conduct 0.000920 0.000000 23009513.391 0.000

L23.Water 0.000392 0.000000 2929798.280 0.000

L23.Temp 0.002571 0.000000 15250106.027 0.000

L23.Precip. horaria 0.000127 0.000000 12977.280 0.000

L23.Temp. prom aire 0.005383 NAN NAN NAN

L24.Conduct 0.000194 0.000000 3496588.939 0.000

L24.Water 0.001421 0.000000 8044838.790 0.000

L24.Temp -0.005717 NAN NAN NAN

L24.Precip. horaria -0.000092 0.000000 -8680.253 0.000

L24.Temp. prom aire -0.003773 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -0.000046 0.000000 -338.551 0.000

L1.Conduct -0.002057 0.000000 -549868.934 0.000

L1.Water 0.129822 NAN NAN NAN

L1.Temp -0.033722 0.000000 -3829976.669 0.000

L1.Precip. horaria -0.019638 0.000000 -40060.234 0.000

L1.Temp. prom aire -0.159506 NAN NAN NAN

L2.Conduct 0.025974 0.000000 5493563.191 0.000

L2.Water -0.018178 0.000000 -911353.359 0.000

L2.Temp 0.050157 0.000000 11350721.834 0.000

L2.Precip. horaria 0.008422 0.000001 10052.777 0.000

L2.Temp. prom aire 0.037876 0.000000 5307584.395 0.000

L3.Conduct -0.039817 NAN NAN NAN

L3.Water -0.072521 0.000000 -5162062.064 0.000

L3.Temp 0.098725 0.000000 7062935.975 0.000

L3.Precip. horaria 0.002588 0.000001 2270.237 0.000

L3.Temp. prom aire -0.190541 0.000000 -31393922.082 0.000

L4.Conduct 0.023553 NAN NAN NAN

L4.Water -0.000689 0.000000 -54676.889 0.000

L4.Temp 0.013752 0.000000 5126828.950 0.000

L4.Precip. horaria 0.013488 NAN NAN NAN

L4.Temp. prom aire 0.165306 0.000000 9886654.653 0.000

L5.Conduct -0.049226 0.000000 -13990552.477 0.000

L5.Water 0.068540 NAN NAN NAN

L5.Temp -0.004536 0.000000 -1094336.803 0.000

L5.Precip. horaria -0.005918 0.000002 -2601.606 0.000

L5.Temp. prom aire 0.018419 NAN NAN NAN

L6.Conduct -0.018421 NAN NAN NAN

L6.Water 0.140133 0.000000 16060654.612 0.000

L6.Temp -0.080889 NAN NAN NAN

L6.Precip. horaria -0.003890 0.000001 -3140.881 0.000

L6.Temp. prom aire -0.030251 0.000000 -2748964.607 0.000

L7.Conduct 0.013162 0.000000 9266352.360 0.000

L7.Water 0.142278 NAN NAN NAN

L7.Temp 0.093883 0.000000 22546125.587 0.000

L7.Precip. horaria -0.005104 NAN NAN NAN

L7.Temp. prom aire -0.055119 NAN NAN NAN

L8.Conduct 0.022741 0.000000 9153486.637 0.000

L8.Water 0.031127 0.000000 2123913.605 0.000

L8.Temp -0.134780 0.000000 -40703160.159 0.000

L8.Precip. horaria 0.006211 NAN NAN NAN

L8.Temp. prom aire -0.202923 NAN NAN NAN

L9.Conduct -0.006807 0.000000 -3556073.314 0.000

L9.Water -0.027974 NAN NAN NAN

L9.Temp 0.065121 NAN NAN NAN

L9.Precip. horaria 0.003409 0.000001 2279.632 0.000

L9.Temp. prom aire 0.002252 0.000000 318062.280 0.000

L10.Conduct 0.021591 0.000000 6767527.149 0.000

L10.Water -0.007273 0.000000 -307479.717 0.000

L10.Temp 0.041685 NAN NAN NAN

L10.Precip. horaria 0.001395 NAN NAN NAN

L10.Temp. prom aire -0.071635 NAN NAN NAN

L11.Conduct -0.061843 NAN NAN NAN

L11.Water 0.041427 0.000000 3084611.081 0.000

L11.Temp -0.111447 0.000000 -7981839.194 0.000

L11.Precip. horaria -0.002343 0.000002 -944.169 0.000

L11.Temp. prom aire -0.020702 NAN NAN NAN

L12.Conduct 0.013872 NAN NAN NAN

L12.Water 0.094353 0.000000 8374519.861 0.000

L12.Temp 0.230083 NAN NAN NAN

L12.Precip. horaria -0.003920 0.000002 -1925.833 0.000

L12.Temp. prom aire 0.019005 0.000000 1578148.884 0.000

L13.Conduct -0.005346 NAN NAN NAN

L13.Water 0.034964 0.000000 4564451.578 0.000

L13.Temp -0.146703 0.000000 -11280946.060 0.000

L13.Precip. horaria 0.003345 NAN NAN NAN

L13.Temp. prom aire 0.318606 NAN NAN NAN

L14.Conduct 0.027969 0.000000 9040259.792 0.000

L14.Water -0.057220 0.000000 -7315739.203 0.000

L14.Temp -0.107651 0.000000 -22296983.579 0.000

L14.Precip. horaria -0.000251 0.000002 -106.074 0.000

L14.Temp. prom aire -0.069006 0.000000 -13166632.062 0.000

L15.Conduct 0.016132 0.000000 10665080.335 0.000

L15.Water -0.085642 NAN NAN NAN

L15.Temp 0.115360 NAN NAN NAN

L15.Precip. horaria 0.003331 0.000002 1957.526 0.000

L15.Temp. prom aire 0.133596 0.000000 16491840.538 0.000

L16.Conduct -0.026325 0.000000 -8748316.477 0.000

L16.Water 0.037293 NAN NAN NAN

L16.Temp -0.087423 NAN NAN NAN

L16.Precip. horaria -0.000672 NAN NAN NAN

L16.Temp. prom aire -0.108022 NAN NAN NAN

L17.Conduct -0.042801 NAN NAN NAN

L17.Water 0.089440 NAN NAN NAN

L17.Temp 0.328055 0.000000 41040923.439 0.000

L17.Precip. horaria -0.002003 NAN NAN NAN

L17.Temp. prom aire -0.013535 NAN NAN NAN

L18.Conduct -0.010954 NAN NAN NAN

L18.Water 0.042475 0.000000 5239794.315 0.000

L18.Temp -0.017256 0.000000 -4866808.648 0.000

L18.Precip. horaria 0.001196 0.000000 2583.111 0.000

L18.Temp. prom aire 0.099831 0.000000 6823909.089 0.000

L19.Conduct 0.022210 0.000000 12664668.046 0.000

L19.Water -0.094155 NAN NAN NAN

L19.Temp -0.086216 NAN NAN NAN

L19.Precip. horaria -0.000471 0.000001 -742.578 0.000

L19.Temp. prom aire 0.110966 NAN NAN NAN

L20.Conduct -0.015449 0.000000 -7172980.139 0.000

L20.Water 0.025782 NAN NAN NAN

L20.Temp -0.092028 0.000000 -19822390.909 0.000

L20.Precip. horaria -0.005907 NAN NAN NAN

L20.Temp. prom aire -0.012920 NAN NAN NAN

L21.Conduct 0.031110 NAN NAN NAN

L21.Water 0.097419 0.000000 15174468.197 0.000

L21.Temp -0.001188 NAN NAN NAN

L21.Precip. horaria -0.001741 0.000001 -1690.902 0.000

L21.Temp. prom aire -0.108723 0.000000 -7081563.686 0.000

L22.Conduct -0.053452 NAN NAN NAN

L22.Water 0.081659 0.000000 50313733.352 0.000

L22.Temp 0.076131 0.000000 8847409.112 0.000

L22.Precip. horaria 0.007459 0.000001 8243.851 0.000

L22.Temp. prom aire -0.271542 NAN NAN NAN

L23.Conduct 0.159692 0.000000 60671960.013 0.000

L23.Water 0.117168 0.000000 13319450.484 0.000

L23.Temp 0.138017 0.000000 12440479.539 0.000

L23.Precip. horaria 0.008346 0.000001 12912.030 0.000

L23.Temp. prom aire 0.081287 NAN NAN NAN

L24.Conduct -0.027534 0.000000 -7534369.279 0.000

L24.Water -0.209706 0.000000 -18043529.472 0.000

L24.Temp -0.099327 NAN NAN NAN

L24.Precip. horaria -0.005555 0.000001 -7940.108 0.000

L24.Temp. prom aire 0.028141 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.439300 -0.495742 0.234064 -0.138518

Water 0.439300 1.000000 -0.271484 0.425156 0.371714

Temp -0.495742 -0.271484 1.000000 -0.276117 0.249962

Precip. horaria 0.234064 0.425156 -0.276117 1.000000 0.393558

Temp. prom aire -0.138518 0.371714 0.249962 0.393558 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -270.607

Nobs: 47.0000 HQIC: -285.461

Log likelihood: 7190.48 FPE: -5.41349e-138

AIC: -294.423 Det(Omega\_mle): -9.27728e-141

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.002524 NAN NAN NAN

L1.Conduct 0.085928 NAN NAN NAN

L1.Water 0.007508 NAN NAN NAN

L1.Temp 0.133335 NAN NAN NAN

L1.Precip. horaria -0.006964 0.000001 -9810.094 0.000

L1.Temp. prom aire 0.191945 0.000000 15689311.938 0.000

L2.Conduct -0.202104 NAN NAN NAN

L2.Water -0.037317 NAN NAN NAN

L2.Temp 0.160103 NAN NAN NAN

L2.Precip. horaria -0.027761 0.000001 -19861.017 0.000

L2.Temp. prom aire 0.241681 0.000000 25428843.593 0.000

L3.Conduct 0.003632 0.000000 84180.580 0.000

L3.Water 0.158443 NAN NAN NAN

L3.Temp -0.314651 0.000000 -21437482.049 0.000

L3.Precip. horaria -0.034469 0.000000 -93659.510 0.000

L3.Temp. prom aire 0.010988 NAN NAN NAN

L4.Conduct 0.013299 NAN NAN NAN

L4.Water -0.041938 NAN NAN NAN

L4.Temp -0.226575 NAN NAN NAN

L4.Precip. horaria 0.034473 NAN NAN NAN

L4.Temp. prom aire 0.056586 NAN NAN NAN

L5.Conduct 0.011069 NAN NAN NAN

L5.Water 0.007185 0.000000 128462.766 0.000

L5.Temp -0.007441 NAN NAN NAN

L5.Precip. horaria 0.018877 NAN NAN NAN

L5.Temp. prom aire -0.192560 NAN NAN NAN

L6.Conduct -0.037324 0.000000 -1028104.478 0.000

L6.Water -0.114587 NAN NAN NAN

L6.Temp -0.056238 NAN NAN NAN

L6.Precip. horaria 0.007210 NAN NAN NAN

L6.Temp. prom aire -0.027457 0.000000 -2912935.122 0.000

L7.Conduct -0.039750 0.000000 -1071980.775 0.000

L7.Water 0.009667 NAN NAN NAN

L7.Temp -0.050743 0.000000 -4414693.103 0.000

L7.Precip. horaria -0.014195 0.000001 -14610.524 0.000

L7.Temp. prom aire -0.024351 NAN NAN NAN

L8.Conduct 0.016761 NAN NAN NAN

L8.Water 0.131399 0.000000 3193176.836 0.000

L8.Temp -0.007400 0.000000 -1099099.226 0.000

L8.Precip. horaria 0.001610 0.000002 821.714 0.000

L8.Temp. prom aire -0.090638 0.000000 -6887399.107 0.000

L9.Conduct -0.104311 NAN NAN NAN

L9.Water -0.030836 NAN NAN NAN

L9.Temp -0.040227 0.000000 -4660825.779 0.000

L9.Precip. horaria 0.007395 NAN NAN NAN

L9.Temp. prom aire 0.038589 0.000000 2738235.440 0.000

L10.Conduct 0.106751 NAN NAN NAN

L10.Water 0.053936 0.000000 881425.467 0.000

L10.Temp 0.188996 0.000000 12942581.799 0.000

L10.Precip. horaria -0.007547 NAN NAN NAN

L10.Temp. prom aire 0.117811 0.000000 3781897.161 0.000

L11.Conduct 0.143166 NAN NAN NAN

L11.Water -0.003448 0.000000 -33117.881 0.000

L11.Temp 0.009144 0.000000 1465486.001 0.000

L11.Precip. horaria 0.001873 NAN NAN NAN

L11.Temp. prom aire 0.017439 0.000000 615664.005 0.000

L12.Conduct 0.160995 NAN NAN NAN

L12.Water -0.019955 NAN NAN NAN

L12.Temp 0.104065 NAN NAN NAN

L12.Precip. horaria -0.006729 0.000005 -1420.131 0.000

L12.Temp. prom aire -0.014431 0.000000 -573794.565 0.000

L13.Conduct 0.021861 0.000000 297576.911 0.000

L13.Water 0.007527 0.000000 174889.153 0.000

L13.Temp 0.029557 0.000000 12083467.942 0.000

L13.Precip. horaria -0.005435 0.000004 -1310.133 0.000

L13.Temp. prom aire 0.008209 0.000000 442870.160 0.000

L14.Conduct -0.328833 0.000000 -2852005.312 0.000

L14.Water -0.271048 0.000000 -9739591.846 0.000

L14.Temp -0.311593 0.000000 -25212718.979 0.000

L14.Precip. horaria 0.008140 NAN NAN NAN

L14.Temp. prom aire 0.136792 0.000000 7159372.085 0.000

L15.Conduct 0.007041 NAN NAN NAN

L15.Water -0.068701 0.000000 -908375.399 0.000

L15.Temp -0.105057 0.000000 -11185023.382 0.000

L15.Precip. horaria -0.001156 NAN NAN NAN

L15.Temp. prom aire 0.329485 NAN NAN NAN

L16.Conduct -0.003327 NAN NAN NAN

L16.Water -0.085221 NAN NAN NAN

L16.Temp 0.025263 NAN NAN NAN

L16.Precip. horaria 0.006493 0.000002 2603.944 0.000

L16.Temp. prom aire -0.326178 NAN NAN NAN

L17.Conduct 0.029304 NAN NAN NAN

L17.Water -0.133769 NAN NAN NAN

L17.Temp 0.004924 0.000000 382860.977 0.000

L17.Precip. horaria 0.005264 0.000003 1645.877 0.000

L17.Temp. prom aire -0.056103 0.000000 -2453156.585 0.000

L18.Conduct 0.092801 0.000000 980804.106 0.000

L18.Water 0.062685 NAN NAN NAN

L18.Temp -0.126608 NAN NAN NAN

L18.Precip. horaria -0.007473 0.000005 -1615.056 0.000

L18.Temp. prom aire -0.322216 0.000000 -26826411.131 0.000

L19.Conduct -0.121669 0.000000 -1708636.170 0.000

L19.Water 0.007940 NAN NAN NAN

L19.Temp -0.075017 0.000000 -3727459.020 0.000

L19.Precip. horaria 0.001196 NAN NAN NAN

L19.Temp. prom aire 0.098478 0.000000 43182499.671 0.000

L20.Conduct 0.087701 NAN NAN NAN

L20.Water 0.143051 0.000000 18813538.640 0.000

L20.Temp 0.099246 NAN NAN NAN

L20.Precip. horaria -0.002806 0.000005 -575.118 0.000

L20.Temp. prom aire -0.050799 NAN NAN NAN

L21.Conduct 0.042404 0.000000 579295.453 0.000

L21.Water -0.070744 NAN NAN NAN

L21.Temp 0.031362 NAN NAN NAN

L21.Precip. horaria -0.001984 NAN NAN NAN

L21.Temp. prom aire 0.125126 NAN NAN NAN

L22.Conduct 0.005233 NAN NAN NAN

L22.Water -0.176389 NAN NAN NAN

L22.Temp -0.005377 NAN NAN NAN

L22.Precip. horaria -0.005204 0.000003 -1794.040 0.000

L22.Temp. prom aire -0.079897 0.000000 -3731190.397 0.000

L23.Conduct 0.095387 0.000000 1032055.399 0.000

L23.Water 0.087676 NAN NAN NAN

L23.Temp 0.140872 NAN NAN NAN

L23.Precip. horaria -0.004807 0.000001 -5705.672 0.000

L23.Temp. prom aire 0.043073 NAN NAN NAN

L24.Conduct 0.071279 NAN NAN NAN

L24.Water 0.111273 NAN NAN NAN

L24.Temp 0.223327 NAN NAN NAN

L24.Precip. horaria -0.001028 0.000001 -848.737 0.000

L24.Temp. prom aire 0.397777 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.003395 NAN NAN NAN

L1.Conduct 0.081618 NAN NAN NAN

L1.Water 0.128938 NAN NAN NAN

L1.Temp 0.089002 NAN NAN NAN

L1.Precip. horaria 0.001922 0.000001 2002.456 0.000

L1.Temp. prom aire 0.183407 0.000000 11090159.546 0.000

L2.Conduct -0.129834 NAN NAN NAN

L2.Water 0.012177 NAN NAN NAN

L2.Temp 0.174739 NAN NAN NAN

L2.Precip. horaria -0.020225 0.000002 -10704.187 0.000

L2.Temp. prom aire 0.152244 0.000000 11850067.911 0.000

L3.Conduct 0.085398 0.000000 1464214.352 0.000

L3.Water 0.123740 NAN NAN NAN

L3.Temp -0.169509 0.000000 -8543414.980 0.000

L3.Precip. horaria -0.034764 0.000000 -69878.703 0.000

L3.Temp. prom aire 0.018352 NAN NAN NAN

L4.Conduct 0.105904 NAN NAN NAN

L4.Water -0.027963 NAN NAN NAN

L4.Temp -0.139734 NAN NAN NAN

L4.Precip. horaria 0.021397 NAN NAN NAN

L4.Temp. prom aire 0.072901 NAN NAN NAN

L5.Conduct 0.036098 NAN NAN NAN

L5.Water 0.007246 0.000000 95833.659 0.000

L5.Temp 0.040438 NAN NAN NAN

L5.Precip. horaria 0.011028 NAN NAN NAN

L5.Temp. prom aire -0.133443 NAN NAN NAN

L6.Conduct -0.062897 0.000000 -1281668.818 0.000

L6.Water -0.085303 NAN NAN NAN

L6.Temp -0.079798 NAN NAN NAN

L6.Precip. horaria 0.007026 NAN NAN NAN

L6.Temp. prom aire -0.009100 0.000000 -714206.635 0.000

L7.Conduct -0.067447 0.000000 -1345566.503 0.000

L7.Water 0.031791 NAN NAN NAN

L7.Temp -0.027181 0.000000 -1749350.481 0.000

L7.Precip. horaria -0.009326 0.000001 -7101.056 0.000

L7.Temp. prom aire -0.008671 NAN NAN NAN

L8.Conduct 0.033175 NAN NAN NAN

L8.Water 0.154177 0.000000 2771702.955 0.000

L8.Temp -0.017806 0.000000 -1956423.404 0.000

L8.Precip. horaria 0.007231 0.000003 2729.770 0.000

L8.Temp. prom aire -0.138588 0.000000 -7790471.143 0.000

L9.Conduct -0.072464 NAN NAN NAN

L9.Water -0.059566 NAN NAN NAN

L9.Temp -0.069193 0.000000 -5930609.081 0.000

L9.Precip. horaria 0.016533 NAN NAN NAN

L9.Temp. prom aire -0.064278 0.000000 -3374172.066 0.000

L10.Conduct 0.152748 NAN NAN NAN

L10.Water 0.027189 0.000000 328696.428 0.000

L10.Temp 0.099504 0.000000 5040869.846 0.000

L10.Precip. horaria -0.014181 NAN NAN NAN

L10.Temp. prom aire 0.053106 0.000000 1261128.031 0.000

L11.Conduct 0.256715 NAN NAN NAN

L11.Water 0.060280 0.000000 428270.157 0.000

L11.Temp -0.049132 0.000000 -5825369.205 0.000

L11.Precip. horaria -0.000898 NAN NAN NAN

L11.Temp. prom aire 0.131371 0.000000 3430874.469 0.000

L12.Conduct 0.225597 NAN NAN NAN

L12.Water 0.003902 NAN NAN NAN

L12.Temp 0.032041 NAN NAN NAN

L12.Precip. horaria -0.008709 0.000006 -1359.629 0.000

L12.Temp. prom aire 0.141686 0.000000 4167521.596 0.000

L13.Conduct 0.099200 0.000000 998944.055 0.000

L13.Water 0.050160 0.000000 862151.470 0.000

L13.Temp 0.029652 0.000000 8967782.839 0.000

L13.Precip. horaria -0.006474 0.000006 -1154.527 0.000

L13.Temp. prom aire 0.019180 0.000000 765493.580 0.000

L14.Conduct -0.476557 0.000000 -3057625.770 0.000

L14.Water -0.375080 0.000000 -9970391.177 0.000

L14.Temp -0.294726 0.000000 -17641871.963 0.000

L14.Precip. horaria 0.007421 NAN NAN NAN

L14.Temp. prom aire 0.064424 0.000000 2494363.373 0.000

L15.Conduct -0.020241 NAN NAN NAN

L15.Water -0.072144 0.000000 -705658.380 0.000

L15.Temp -0.088402 0.000000 -6962527.279 0.000

L15.Precip. horaria 0.001578 NAN NAN NAN

L15.Temp. prom aire 0.199677 NAN NAN NAN

L16.Conduct -0.018510 NAN NAN NAN

L16.Water -0.072851 NAN NAN NAN

L16.Temp -0.051189 NAN NAN NAN

L16.Precip. horaria 0.006903 0.000003 2047.768 0.000

L16.Temp. prom aire -0.292928 NAN NAN NAN

L17.Conduct -0.039139 NAN NAN NAN

L17.Water -0.194750 NAN NAN NAN

L17.Temp 0.008390 0.000000 482597.986 0.000

L17.Precip. horaria 0.010922 0.000004 2526.111 0.000

L17.Temp. prom aire 0.009341 0.000000 302161.157 0.000

L18.Conduct 0.072459 0.000000 566525.982 0.000

L18.Water 0.023225 NAN NAN NAN

L18.Temp -0.145788 NAN NAN NAN

L18.Precip. horaria -0.011624 0.000006 -1858.461 0.000

L18.Temp. prom aire -0.263764 0.000000 -16245228.954 0.000

L19.Conduct -0.118346 0.000000 -1229467.004 0.000

L19.Water -0.034487 NAN NAN NAN

L19.Temp -0.034107 0.000000 -1253697.898 0.000

L19.Precip. horaria -0.002154 NAN NAN NAN

L19.Temp. prom aire 0.103255 0.000000 33494280.833 0.000

L20.Conduct 0.046966 NAN NAN NAN

L20.Water 0.100135 0.000000 9742214.366 0.000

L20.Temp 0.109764 NAN NAN NAN

L20.Precip. horaria -0.005243 0.000007 -794.988 0.000

L20.Temp. prom aire -0.065387 NAN NAN NAN

L21.Conduct -0.005800 0.000000 -58615.583 0.000

L21.Water -0.013584 NAN NAN NAN

L21.Temp 0.153985 NAN NAN NAN

L21.Precip. horaria -0.000978 NAN NAN NAN

L21.Temp. prom aire 0.112005 NAN NAN NAN

L22.Conduct 0.019319 NAN NAN NAN

L22.Water -0.044414 NAN NAN NAN

L22.Temp 0.032031 NAN NAN NAN

L22.Precip. horaria -0.002427 0.000004 -618.943 0.000

L22.Temp. prom aire -0.047991 0.000000 -1657948.301 0.000

L23.Conduct 0.087034 0.000000 696620.294 0.000

L23.Water 0.122895 NAN NAN NAN

L23.Temp 0.121932 NAN NAN NAN

L23.Precip. horaria 0.001775 0.000001 1558.704 0.000

L23.Temp. prom aire 0.033352 NAN NAN NAN

L24.Conduct 0.017756 NAN NAN NAN

L24.Water 0.118614 NAN NAN NAN

L24.Temp 0.133004 NAN NAN NAN

L24.Precip. horaria -0.002188 0.000002 -1336.501 0.000

L24.Temp. prom aire 0.335859 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.004485 NAN NAN NAN

L1.Conduct -0.061451 NAN NAN NAN

L1.Water 0.037440 NAN NAN NAN

L1.Temp 0.078640 NAN NAN NAN

L1.Precip. horaria -0.044830 0.000001 -35228.753 0.000

L1.Temp. prom aire 0.204634 0.000000 9331060.886 0.000

L2.Conduct -0.001716 NAN NAN NAN

L2.Water 0.065280 NAN NAN NAN

L2.Temp 0.045845 NAN NAN NAN

L2.Precip. horaria 0.003400 0.000003 1357.068 0.000

L2.Temp. prom aire 0.124609 0.000000 7314076.471 0.000

L3.Conduct -0.117270 0.000000 -1516272.990 0.000

L3.Water 0.027673 NAN NAN NAN

L3.Temp 0.210477 0.000000 7999749.946 0.000

L3.Precip. horaria 0.018294 0.000001 27730.841 0.000

L3.Temp. prom aire 0.023349 NAN NAN NAN

L4.Conduct 0.191411 NAN NAN NAN

L4.Water 0.101063 NAN NAN NAN

L4.Temp 0.101706 NAN NAN NAN

L4.Precip. horaria 0.013662 NAN NAN NAN

L4.Temp. prom aire 0.071111 NAN NAN NAN

L5.Conduct -0.000779 NAN NAN NAN

L5.Water -0.059946 0.000000 -597886.131 0.000

L5.Temp -0.053417 NAN NAN NAN

L5.Precip. horaria -0.002453 NAN NAN NAN

L5.Temp. prom aire 0.024191 NAN NAN NAN

L6.Conduct 0.005445 0.000000 83667.997 0.000

L6.Water -0.074641 NAN NAN NAN

L6.Temp 0.119284 NAN NAN NAN

L6.Precip. horaria -0.003248 NAN NAN NAN

L6.Temp. prom aire -0.044595 0.000000 -2639322.648 0.000

L7.Conduct 0.064189 0.000000 965680.427 0.000

L7.Water 0.046018 NAN NAN NAN

L7.Temp 0.076020 0.000000 3689555.301 0.000

L7.Precip. horaria -0.016299 0.000002 -9358.808 0.000

L7.Temp. prom aire -0.046423 NAN NAN NAN

L8.Conduct -0.002890 NAN NAN NAN

L8.Water -0.071251 0.000000 -965942.249 0.000

L8.Temp 0.107117 0.000000 8875222.809 0.000

L8.Precip. horaria 0.008030 0.000004 2286.011 0.000

L8.Temp. prom aire 0.066891 0.000000 2835554.656 0.000

L9.Conduct 0.140457 NAN NAN NAN

L9.Water 0.041979 NAN NAN NAN

L9.Temp -0.177951 0.000000 -11501823.308 0.000

L9.Precip. horaria -0.005985 NAN NAN NAN

L9.Temp. prom aire -0.013208 0.000000 -522834.426 0.000

L10.Conduct 0.139452 NAN NAN NAN

L10.Water 0.047321 0.000000 431408.632 0.000

L10.Temp 0.096585 0.000000 3689826.362 0.000

L10.Precip. horaria 0.001650 NAN NAN NAN

L10.Temp. prom aire -0.128444 0.000000 -2300189.134 0.000

L11.Conduct 0.049281 NAN NAN NAN

L11.Water 0.036829 0.000000 197316.761 0.000

L11.Temp -0.243036 0.000000 -21730065.047 0.000

L11.Precip. horaria -0.001750 NAN NAN NAN

L11.Temp. prom aire -0.113299 0.000000 -2231315.531 0.000

L12.Conduct -0.088497 NAN NAN NAN

L12.Water -0.006865 NAN NAN NAN

L12.Temp 0.085333 NAN NAN NAN

L12.Precip. horaria 0.003281 0.000008 386.218 0.000

L12.Temp. prom aire -0.029154 0.000000 -646670.146 0.000

L13.Conduct -0.092326 0.000000 -701108.054 0.000

L13.Water 0.010529 0.000000 136467.189 0.000

L13.Temp -0.237735 0.000000 -54219476.082 0.000

L13.Precip. horaria -0.002917 0.000007 -392.243 0.000

L13.Temp. prom aire 0.334705 0.000000 10073711.141 0.000

L14.Conduct -0.029678 0.000000 -143594.058 0.000

L14.Water 0.002896 0.000000 58054.532 0.000

L14.Temp 0.165743 0.000000 7481601.359 0.000

L14.Precip. horaria 0.006891 NAN NAN NAN

L14.Temp. prom aire 0.209405 0.000000 6114029.644 0.000

L15.Conduct 0.000526 NAN NAN NAN

L15.Water -0.019098 0.000000 -140870.754 0.000

L15.Temp 0.120945 0.000000 7183359.615 0.000

L15.Precip. horaria -0.002079 NAN NAN NAN

L15.Temp. prom aire 0.126147 NAN NAN NAN

L16.Conduct 0.081823 NAN NAN NAN

L16.Water 0.107285 NAN NAN NAN

L16.Temp 0.032266 NAN NAN NAN

L16.Precip. horaria 0.001111 0.000004 248.495 0.000

L16.Temp. prom aire 0.104792 NAN NAN NAN

L17.Conduct -0.151251 NAN NAN NAN

L17.Water 0.001105 NAN NAN NAN

L17.Temp 0.144962 0.000000 6288005.809 0.000

L17.Precip. horaria -0.009258 0.000006 -1614.635 0.000

L17.Temp. prom aire -0.042931 0.000000 -1047223.220 0.000

L18.Conduct 0.024590 0.000000 144985.118 0.000

L18.Water 0.159390 NAN NAN NAN

L18.Temp 0.092730 NAN NAN NAN

L18.Precip. horaria 0.004869 0.000008 587.085 0.000

L18.Temp. prom aire -0.087227 0.000000 -4051308.927 0.000

L19.Conduct -0.026803 0.000000 -209979.414 0.000

L19.Water -0.013853 NAN NAN NAN

L19.Temp -0.093042 0.000000 -2579036.259 0.000

L19.Precip. horaria 0.005325 NAN NAN NAN

L19.Temp. prom aire 0.074534 0.000000 18232668.266 0.000

L20.Conduct -0.014771 NAN NAN NAN

L20.Water -0.031301 0.000000 -2296479.494 0.000

L20.Temp -0.088217 NAN NAN NAN

L20.Precip. horaria -0.000867 0.000009 -99.170 0.000

L20.Temp. prom aire -0.050790 NAN NAN NAN

L21.Conduct 0.076240 0.000000 581029.549 0.000

L21.Water -0.005444 NAN NAN NAN

L21.Temp -0.081397 NAN NAN NAN

L21.Precip. horaria -0.011143 NAN NAN NAN

L21.Temp. prom aire -0.171901 NAN NAN NAN

L22.Conduct -0.083689 NAN NAN NAN

L22.Water -0.077948 NAN NAN NAN

L22.Temp 0.012543 NAN NAN NAN

L22.Precip. horaria 0.009518 0.000005 1830.653 0.000

L22.Temp. prom aire -0.136195 0.000000 -3548174.105 0.000

L23.Conduct 0.130800 0.000000 789496.939 0.000

L23.Water 0.359472 NAN NAN NAN

L23.Temp -0.011840 NAN NAN NAN

L23.Precip. horaria 0.009727 0.000002 6440.899 0.000

L23.Temp. prom aire -0.011359 NAN NAN NAN

L24.Conduct 0.122098 NAN NAN NAN

L24.Water 0.017620 NAN NAN NAN

L24.Temp -0.050514 NAN NAN NAN

L24.Precip. horaria -0.004030 0.000002 -1856.244 0.000

L24.Temp. prom aire -0.057350 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.000052 NAN NAN NAN

L1.Conduct -0.001000 NAN NAN NAN

L1.Water -0.001687 NAN NAN NAN

L1.Temp 0.001009 NAN NAN NAN

L1.Precip. horaria -0.000009 0.000000 -1047.827 0.000

L1.Temp. prom aire -0.008227 0.000000 -55797965.919 0.000

L2.Conduct 0.001883 NAN NAN NAN

L2.Water 0.000760 NAN NAN NAN

L2.Temp 0.003899 NAN NAN NAN

L2.Precip. horaria -0.001299 0.000000 -77124.717 0.000

L2.Temp. prom aire 0.003245 0.000000 28327892.211 0.000

L3.Conduct 0.001827 0.000000 3514691.505 0.000

L3.Water 0.002500 NAN NAN NAN

L3.Temp -0.000876 0.000000 -4953808.923 0.000

L3.Precip. horaria -0.001565 0.000000 -352804.808 0.000

L3.Temp. prom aire 0.001177 NAN NAN NAN

L4.Conduct 0.012168 NAN NAN NAN

L4.Water 0.002822 NAN NAN NAN

L4.Temp 0.003815 NAN NAN NAN

L4.Precip. horaria -0.000354 NAN NAN NAN

L4.Temp. prom aire -0.000618 NAN NAN NAN

L5.Conduct -0.007302 NAN NAN NAN

L5.Water -0.006223 0.000000 -9232220.175 0.000

L5.Temp -0.005038 NAN NAN NAN

L5.Precip. horaria 0.000232 NAN NAN NAN

L5.Temp. prom aire 0.002965 NAN NAN NAN

L6.Conduct -0.000540 0.000000 -1234081.910 0.000

L6.Water -0.003556 NAN NAN NAN

L6.Temp -0.002071 NAN NAN NAN

L6.Precip. horaria 0.000390 NAN NAN NAN

L6.Temp. prom aire 0.007634 0.000000 67208384.953 0.000

L7.Conduct 0.007692 0.000000 17212869.926 0.000

L7.Water 0.010317 NAN NAN NAN

L7.Temp -0.004672 0.000000 -33727847.164 0.000

L7.Precip. horaria -0.000564 0.000000 -48139.123 0.000

L7.Temp. prom aire -0.001258 NAN NAN NAN

L8.Conduct -0.011663 NAN NAN NAN

L8.Water -0.002987 0.000000 -6024192.310 0.000

L8.Temp 0.002526 0.000000 31129574.407 0.000

L8.Precip. horaria 0.001045 0.000000 44256.732 0.000

L8.Temp. prom aire -0.003638 0.000000 -22936257.958 0.000

L9.Conduct -0.017973 NAN NAN NAN

L9.Water -0.008396 NAN NAN NAN

L9.Temp -0.005409 0.000000 -52003383.665 0.000

L9.Precip. horaria 0.000461 NAN NAN NAN

L9.Temp. prom aire 0.003757 0.000000 22121640.605 0.000

L10.Conduct -0.002097 NAN NAN NAN

L10.Water 0.001557 0.000000 2111713.098 0.000

L10.Temp 0.000187 0.000000 1065325.109 0.000

L10.Precip. horaria -0.000368 NAN NAN NAN

L10.Temp. prom aire 0.002470 0.000000 6579513.392 0.000

L11.Conduct 0.013021 NAN NAN NAN

L11.Water 0.006519 0.000000 5194997.035 0.000

L11.Temp -0.003512 0.000000 -46702964.269 0.000

L11.Precip. horaria 0.000254 NAN NAN NAN

L11.Temp. prom aire 0.009971 0.000000 29210192.871 0.000

L12.Conduct 0.016234 NAN NAN NAN

L12.Water 0.006667 NAN NAN NAN

L12.Temp 0.013920 NAN NAN NAN

L12.Precip. horaria -0.000226 0.000000 -3958.395 0.000

L12.Temp. prom aire -0.023614 0.000000 -77911394.573 0.000

L13.Conduct 0.010032 0.000000 11331173.771 0.000

L13.Water 0.008349 0.000000 16095964.760 0.000

L13.Temp 0.002522 0.000000 85557332.786 0.000

L13.Precip. horaria -0.000862 0.000000 -17234.964 0.000

L13.Temp. prom aire -0.004778 0.000000 -21389288.347 0.000

L14.Conduct -0.015579 0.000000 -11212034.121 0.000

L14.Water -0.007435 0.000000 -22170520.248 0.000

L14.Temp -0.004674 0.000000 -31385988.266 0.000

L14.Precip. horaria 0.000119 NAN NAN NAN

L14.Temp. prom aire -0.002940 0.000000 -12766586.453 0.000

L15.Conduct -0.005911 NAN NAN NAN

L15.Water -0.002785 0.000000 -3055453.971 0.000

L15.Temp -0.001584 0.000000 -13993944.472 0.000

L15.Precip. horaria -0.000125 NAN NAN NAN

L15.Temp. prom aire 0.003490 NAN NAN NAN

L16.Conduct 0.003102 NAN NAN NAN

L16.Water 0.000119 NAN NAN NAN

L16.Temp -0.006753 NAN NAN NAN

L16.Precip. horaria 0.000588 0.000000 19577.438 0.000

L16.Temp. prom aire 0.000280 NAN NAN NAN

L17.Conduct -0.004459 NAN NAN NAN

L17.Water -0.012587 NAN NAN NAN

L17.Temp -0.005852 0.000000 -37756771.065 0.000

L17.Precip. horaria 0.000677 0.000000 17566.739 0.000

L17.Temp. prom aire 0.003553 0.000000 12890310.151 0.000

L18.Conduct 0.006545 0.000000 5740335.710 0.000

L18.Water 0.001858 NAN NAN NAN

L18.Temp 0.003252 NAN NAN NAN

L18.Precip. horaria -0.000562 0.000000 -10082.458 0.000

L18.Temp. prom aire -0.009926 0.000000 -68571260.781 0.000

L19.Conduct -0.002682 0.000000 -3125004.442 0.000

L19.Water -0.000672 NAN NAN NAN

L19.Temp 0.004289 0.000000 17683249.901 0.000

L19.Precip. horaria 0.000078 NAN NAN NAN

L19.Temp. prom aire 0.014046 0.000000 511093486.085 0.000

L20.Conduct -0.002680 NAN NAN NAN

L20.Water 0.002477 0.000000 27036871.825 0.000

L20.Temp 0.009685 NAN NAN NAN

L20.Precip. horaria 0.000186 0.000000 3169.941 0.000

L20.Temp. prom aire 0.002864 NAN NAN NAN

L21.Conduct 0.008186 0.000000 9279450.468 0.000

L21.Water 0.007622 NAN NAN NAN

L21.Temp -0.003496 NAN NAN NAN

L21.Precip. horaria -0.000585 NAN NAN NAN

L21.Temp. prom aire 0.005976 NAN NAN NAN

L22.Conduct 0.000688 NAN NAN NAN

L22.Water -0.011006 NAN NAN NAN

L22.Temp 0.006808 NAN NAN NAN

L22.Precip. horaria 0.000024 0.000000 682.401 0.000

L22.Temp. prom aire -0.006143 0.000000 -23805677.622 0.000

L23.Conduct 0.000740 0.000000 664092.018 0.000

L23.Water -0.003507 NAN NAN NAN

L23.Temp 0.002525 NAN NAN NAN

L23.Precip. horaria 0.000079 0.000000 7779.608 0.000

L23.Temp. prom aire 0.003184 NAN NAN NAN

L24.Conduct 0.001331 NAN NAN NAN

L24.Water 0.010046 NAN NAN NAN

L24.Temp -0.009061 NAN NAN NAN

L24.Precip. horaria -0.000363 0.000000 -24896.735 0.000

L24.Temp. prom aire -0.004573 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.006213 NAN NAN NAN

L1.Conduct -0.102882 NAN NAN NAN

L1.Water 0.100997 NAN NAN NAN

L1.Temp -0.103546 NAN NAN NAN

L1.Precip. horaria -0.051481 0.000000 -123544.351 0.000

L1.Temp. prom aire -0.196963 0.000000 -27427152.590 0.000

L2.Conduct -0.001333 NAN NAN NAN

L2.Water 0.119449 NAN NAN NAN

L2.Temp -0.022325 NAN NAN NAN

L2.Precip. horaria 0.023301 0.000001 28400.026 0.000

L2.Temp. prom aire 0.129084 0.000000 23138047.940 0.000

L3.Conduct -0.240729 0.000000 -9505203.449 0.000

L3.Water -0.100059 NAN NAN NAN

L3.Temp 0.328781 0.000000 38161121.885 0.000

L3.Precip. horaria 0.029807 0.000000 137977.017 0.000

L3.Temp. prom aire -0.157553 NAN NAN NAN

L4.Conduct 0.257400 NAN NAN NAN

L4.Water 0.112586 NAN NAN NAN

L4.Temp -0.034183 NAN NAN NAN

L4.Precip. horaria 0.014432 NAN NAN NAN

L4.Temp. prom aire 0.062141 NAN NAN NAN

L5.Conduct 0.059791 NAN NAN NAN

L5.Water -0.061628 0.000000 -1877069.713 0.000

L5.Temp 0.040083 NAN NAN NAN

L5.Precip. horaria -0.011544 NAN NAN NAN

L5.Temp. prom aire 0.050296 NAN NAN NAN

L6.Conduct -0.021161 0.000000 -992993.380 0.000

L6.Water -0.081071 NAN NAN NAN

L6.Temp 0.147673 NAN NAN NAN

L6.Precip. horaria -0.002885 NAN NAN NAN

L6.Temp. prom aire -0.064446 0.000000 -11647908.914 0.000

L7.Conduct 0.035868 0.000000 1647877.119 0.000

L7.Water 0.067876 NAN NAN NAN

L7.Temp 0.047894 0.000000 7098608.949 0.000

L7.Precip. horaria -0.021895 0.000001 -38392.352 0.000

L7.Temp. prom aire -0.203503 NAN NAN NAN

L8.Conduct 0.039631 NAN NAN NAN

L8.Water -0.088122 0.000000 -3648238.838 0.000

L8.Temp 0.068020 0.000000 17210801.446 0.000

L8.Precip. horaria 0.016330 0.000001 14196.849 0.000

L8.Temp. prom aire -0.187340 0.000000 -24251849.380 0.000

L9.Conduct 0.145147 NAN NAN NAN

L9.Water 0.012049 NAN NAN NAN

L9.Temp 0.050699 0.000000 10007160.935 0.000

L9.Precip. horaria -0.007856 NAN NAN NAN

L9.Temp. prom aire 0.118095 0.000000 14276102.770 0.000

L10.Conduct 0.270396 NAN NAN NAN

L10.Water 0.091465 0.000000 2546426.776 0.000

L10.Temp 0.022701 0.000000 2648455.367 0.000

L10.Precip. horaria 0.000709 NAN NAN NAN

L10.Temp. prom aire -0.069655 0.000000 -3809294.989 0.000

L11.Conduct -0.088210 NAN NAN NAN

L11.Water -0.119769 0.000000 -1959588.501 0.000

L11.Temp -0.396914 0.000000 -108375106.812 0.000

L11.Precip. horaria -0.000461 NAN NAN NAN

L11.Temp. prom aire -0.003787 0.000000 -227767.894 0.000

L12.Conduct 0.089839 NAN NAN NAN

L12.Water 0.123117 NAN NAN NAN

L12.Temp 0.232106 NAN NAN NAN

L12.Precip. horaria -0.000329 0.000003 -118.222 0.000

L12.Temp. prom aire 0.178278 0.000000 12076005.085 0.000

L13.Conduct -0.221924 0.000000 -5146485.570 0.000

L13.Water -0.102361 0.000000 -4051667.196 0.000

L13.Temp -0.272093 0.000000 -189506049.397 0.000

L13.Precip. horaria 0.000515 0.000002 211.571 0.000

L13.Temp. prom aire 0.611823 0.000000 56233740.020 0.000

L14.Conduct 0.094181 0.000000 1391580.719 0.000

L14.Water 0.082500 0.000000 5050317.497 0.000

L14.Temp -0.013591 0.000000 -1873489.908 0.000

L14.Precip. horaria 0.007440 NAN NAN NAN

L14.Temp. prom aire 0.183519 0.000000 16363093.136 0.000

L15.Conduct 0.039525 NAN NAN NAN

L15.Water 0.109057 0.000000 2456531.865 0.000

L15.Temp 0.135383 0.000000 24555304.043 0.000

L15.Precip. horaria -0.004265 NAN NAN NAN

L15.Temp. prom aire 0.016756 NAN NAN NAN

L16.Conduct 0.116608 NAN NAN NAN

L16.Water 0.236604 NAN NAN NAN

L16.Temp -0.156284 NAN NAN NAN

L16.Precip. horaria 0.004649 0.000001 3175.980 0.000

L16.Temp. prom aire -0.053420 NAN NAN NAN

L17.Conduct -0.261929 NAN NAN NAN

L17.Water 0.009929 NAN NAN NAN

L17.Temp 0.579542 0.000000 76769001.106 0.000

L17.Precip. horaria -0.013618 0.000002 -7253.265 0.000

L17.Temp. prom aire -0.082786 0.000000 -6166882.456 0.000

L18.Conduct 0.024364 0.000000 438687.808 0.000

L18.Water 0.170898 NAN NAN NAN

L18.Temp -0.078490 NAN NAN NAN

L18.Precip. horaria 0.006613 0.000003 2434.780 0.000

L18.Temp. prom aire -0.081783 0.000000 -11599683.452 0.000

L19.Conduct -0.012058 0.000000 -288467.237 0.000

L19.Water -0.125142 NAN NAN NAN

L19.Temp -0.069462 0.000000 -5879915.102 0.000

L19.Precip. horaria 0.004598 NAN NAN NAN

L19.Temp. prom aire 0.066908 0.000000 49982169.745 0.000

L20.Conduct -0.105574 NAN NAN NAN

L20.Water -0.153405 0.000000 -34370804.949 0.000

L20.Temp -0.179535 NAN NAN NAN

L20.Precip. horaria -0.009035 0.000003 -3154.983 0.000

L20.Temp. prom aire -0.018909 NAN NAN NAN

L21.Conduct -0.007548 0.000000 -175670.721 0.000

L21.Water 0.037022 NAN NAN NAN

L21.Temp -0.003224 NAN NAN NAN

L21.Precip. horaria -0.008642 NAN NAN NAN

L21.Temp. prom aire -0.118301 NAN NAN NAN

L22.Conduct -0.045930 NAN NAN NAN

L22.Water 0.145470 NAN NAN NAN

L22.Temp 0.104295 NAN NAN NAN

L22.Precip. horaria 0.017012 0.000002 9991.921 0.000

L22.Temp. prom aire -0.331170 0.000000 -26347349.444 0.000

L23.Conduct 0.121752 0.000000 2244199.972 0.000

L23.Water 0.441500 NAN NAN NAN

L23.Temp 0.059632 NAN NAN NAN

L23.Precip. horaria 0.022120 0.000000 44727.545 0.000

L23.Temp. prom aire 0.079423 NAN NAN NAN

L24.Conduct 0.035435 NAN NAN NAN

L24.Water -0.091436 NAN NAN NAN

L24.Temp -0.019005 NAN NAN NAN

L24.Precip. horaria -0.009141 0.000001 -12857.761 0.000

L24.Temp. prom aire -0.046786 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.971917 -0.855763 0.611254 0.117277

Water 0.971917 1.000000 -0.841361 0.650182 0.113464

Temp -0.855763 -0.841361 1.000000 -0.575781 0.248573

Precip. horaria 0.611254 0.650182 -0.575781 1.000000 -0.165537

Temp. prom aire 0.117277 0.113464 0.248573 -0.165537 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -271.340

Nobs: 47.0000 HQIC: -286.194

Log likelihood: 7207.71 FPE: -2.60062e-138

AIC: -295.156 Det(Omega\_mle): -4.45676e-141

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Results for equation Conduct

===============================================================

coefficient std. error t-stat prob

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const 0.004666 NAN NAN NAN

L1.Conduct 0.410569 NAN NAN NAN

L1.Water 0.013301 NAN NAN NAN

L1.Temp -0.596049 NAN NAN NAN

L1.Precip. horaria 0.086717 NAN NAN NAN

L1.Temp. prom aire 0.310341 NAN NAN NAN

L2.Conduct -0.318450 NAN NAN NAN

L2.Water -0.210711 NAN NAN NAN

L2.Temp 0.220901 0.000000 111608380.345 0.000

L2.Precip. horaria -0.008710 NAN NAN NAN

L2.Temp. prom aire -0.196766 NAN NAN NAN

L3.Conduct -0.105980 NAN NAN NAN

L3.Water -0.324646 0.000000 -66183525.789 0.000

L3.Temp -0.360194 0.000000 -78558198.506 0.000

L3.Precip. horaria -0.020626 NAN NAN NAN

L3.Temp. prom aire 0.159019 NAN NAN NAN

L4.Conduct -0.204499 0.000000 -63601361.018 0.000

L4.Water -0.398958 NAN NAN NAN

L4.Temp -0.612451 NAN NAN NAN

L4.Precip. horaria -0.015337 NAN NAN NAN

L4.Temp. prom aire -0.281963 NAN NAN NAN

L5.Conduct 0.083623 0.000000 37462462.654 0.000

L5.Water -0.018171 0.000000 -2896931.205 0.000

L5.Temp -0.224353 NAN NAN NAN

L5.Precip. horaria 0.036833 NAN NAN NAN

L5.Temp. prom aire -0.441556 0.000000 -131159039.474 0.000

L6.Conduct 0.236690 0.000000 273489861.911 0.000

L6.Water -0.041951 NAN NAN NAN

L6.Temp -0.122072 NAN NAN NAN

L6.Precip. horaria 0.001985 0.000000 11208.882 0.000

L6.Temp. prom aire -0.081425 0.000000 -33209191.133 0.000

L7.Conduct 0.024128 0.000000 6613860.953 0.000

L7.Water -0.097676 0.000000 -7969480.555 0.000

L7.Temp 0.345309 NAN NAN NAN

L7.Precip. horaria -0.000200 NAN NAN NAN

L7.Temp. prom aire -0.141672 NAN NAN NAN

L8.Conduct 0.108242 0.000000 36182254.579 0.000

L8.Water 0.042471 NAN NAN NAN

L8.Temp 0.043709 0.000000 197523981.965 0.000

L8.Precip. horaria -0.005355 NAN NAN NAN

L8.Temp. prom aire -0.433651 0.000000 -341497869.005 0.000

L9.Conduct -0.063784 NAN NAN NAN

L9.Water -0.166206 NAN NAN NAN

L9.Temp 0.224006 NAN NAN NAN

L9.Precip. horaria 0.000798 0.000000 2500.973 0.000

L9.Temp. prom aire -0.407896 0.000000 -142249800.053 0.000

L10.Conduct 0.006617 NAN NAN NAN

L10.Water -0.157414 NAN NAN NAN

L10.Temp -0.226762 NAN NAN NAN

L10.Precip. horaria -0.008928 0.000001 -14530.899 0.000

L10.Temp. prom aire 0.552885 0.000000 196025980.009 0.000

L11.Conduct 0.289437 NAN NAN NAN

L11.Water 0.056277 0.000000 10784702.405 0.000

L11.Temp -0.281956 NAN NAN NAN

L11.Precip. horaria -0.003683 0.000001 -4656.455 0.000

L11.Temp. prom aire 0.627696 NAN NAN NAN

L12.Conduct -0.015555 0.000000 -5478257.672 0.000

L12.Water 0.032814 0.000000 7835333.837 0.000

L12.Temp -0.270368 NAN NAN NAN

L12.Precip. horaria -0.007980 0.000001 -11510.766 0.000

L12.Temp. prom aire 1.445824 NAN NAN NAN

L13.Conduct -0.032347 NAN NAN NAN

L13.Water 0.032598 0.000000 13739379.917 0.000

L13.Temp 0.642261 0.000000 320878778.761 0.000

L13.Precip. horaria -0.003166 NAN NAN NAN

L13.Temp. prom aire -0.733150 0.000000 -87368681.765 0.000

L14.Conduct 0.108130 NAN NAN NAN

L14.Water -0.211787 NAN NAN NAN

L14.Temp 0.363259 NAN NAN NAN

L14.Precip. horaria 0.019334 NAN NAN NAN

L14.Temp. prom aire 0.325257 0.000000 670625408.678 0.000

L15.Conduct 0.189940 NAN NAN NAN

L15.Water -0.058488 NAN NAN NAN

L15.Temp -0.082262 0.000000 -88696848.137 0.000

L15.Precip. horaria -0.009437 NAN NAN NAN

L15.Temp. prom aire -0.250863 0.000000 -42373511.745 0.000

L16.Conduct 0.210162 NAN NAN NAN

L16.Water 0.111898 0.000000 18887502.034 0.000

L16.Temp 0.240228 NAN NAN NAN

L16.Precip. horaria 0.000696 NAN NAN NAN

L16.Temp. prom aire 0.028815 NAN NAN NAN

L17.Conduct -0.259417 NAN NAN NAN

L17.Water 0.198818 NAN NAN NAN

L17.Temp -0.157859 NAN NAN NAN

L17.Precip. horaria 0.016475 NAN NAN NAN

L17.Temp. prom aire -0.190244 0.000000 -65929992.836 0.000

L18.Conduct 0.314749 NAN NAN NAN

L18.Water 0.213123 0.000000 40421833.265 0.000

L18.Temp -0.483839 NAN NAN NAN

L18.Precip. horaria -0.005685 0.000001 -7056.516 0.000

L18.Temp. prom aire -0.513003 0.000000 -296685957.538 0.000

L19.Conduct 0.004523 0.000000 1512313.239 0.000

L19.Water -0.103459 0.000000 -18016735.047 0.000

L19.Temp -0.091508 NAN NAN NAN

L19.Precip. horaria -0.023771 NAN NAN NAN

L19.Temp. prom aire -0.294333 0.000000 -110117270.492 0.000

L20.Conduct 0.054774 0.000000 155089970.342 0.000

L20.Water 0.226612 0.000000 30863848.053 0.000

L20.Temp 0.424335 NAN NAN NAN

L20.Precip. horaria -0.015179 0.000000 -31200.602 0.000

L20.Temp. prom aire -0.257587 0.000000 -55579180.503 0.000

L21.Conduct -0.134665 NAN NAN NAN

L21.Water 0.188270 0.000000 25131742.683 0.000

L21.Temp 0.428988 0.000000 137212336.107 0.000

L21.Precip. horaria 0.006964 0.000000 23922.131 0.000

L21.Temp. prom aire 0.548919 NAN NAN NAN

L22.Conduct 0.057119 NAN NAN NAN

L22.Water 0.453246 NAN NAN NAN

L22.Temp -0.431287 0.000000 -355924338.802 0.000

L22.Precip. horaria 0.037319 0.000000 394164.883 0.000

L22.Temp. prom aire 0.073581 NAN NAN NAN

L23.Conduct -0.380235 NAN NAN NAN

L23.Water 0.096374 NAN NAN NAN

L23.Temp 0.449989 0.000000 92685050.013 0.000

L23.Precip. horaria -0.000075 NAN NAN NAN

L23.Temp. prom aire 0.050093 NAN NAN NAN

L24.Conduct -0.029377 0.000000 -14516068.583 0.000

L24.Water 0.150753 NAN NAN NAN

L24.Temp 0.476818 NAN NAN NAN

L24.Precip. horaria 0.002930 NAN NAN NAN

L24.Temp. prom aire 1.116244 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000142 NAN NAN NAN

L1.Conduct 0.065661 NAN NAN NAN

L1.Water 0.069254 NAN NAN NAN

L1.Temp -0.060026 NAN NAN NAN

L1.Precip. horaria 0.015059 NAN NAN NAN

L1.Temp. prom aire 0.108639 NAN NAN NAN

L2.Conduct -0.054334 NAN NAN NAN

L2.Water -0.004651 NAN NAN NAN

L2.Temp 0.077843 0.000000 51429675.649 0.000

L2.Precip. horaria -0.002905 NAN NAN NAN

L2.Temp. prom aire 0.018198 NAN NAN NAN

L3.Conduct 0.137893 NAN NAN NAN

L3.Water -0.012047 0.000000 -3211569.974 0.000

L3.Temp -0.070627 0.000000 -20142614.574 0.000

L3.Precip. horaria -0.007521 NAN NAN NAN

L3.Temp. prom aire 0.049975 NAN NAN NAN

L4.Conduct -0.036656 0.000000 -14907579.643 0.000

L4.Water -0.015145 NAN NAN NAN

L4.Temp -0.098399 NAN NAN NAN

L4.Precip. horaria 0.001607 NAN NAN NAN

L4.Temp. prom aire -0.002801 NAN NAN NAN

L5.Conduct 0.005636 0.000000 3301455.065 0.000

L5.Water 0.050298 0.000000 10485708.724 0.000

L5.Temp -0.040103 NAN NAN NAN

L5.Precip. horaria 0.011872 NAN NAN NAN

L5.Temp. prom aire -0.067127 0.000000 -26073672.958 0.000

L6.Conduct 0.015170 0.000000 22921359.817 0.000

L6.Water 0.001223 NAN NAN NAN

L6.Temp -0.001838 NAN NAN NAN

L6.Precip. horaria 0.000880 0.000000 6500.551 0.000

L6.Temp. prom aire -0.045710 0.000000 -24378189.984 0.000

L7.Conduct 0.056859 0.000000 20381150.879 0.000

L7.Water -0.006349 0.000000 -677366.231 0.000

L7.Temp 0.111968 NAN NAN NAN

L7.Precip. horaria -0.001892 NAN NAN NAN

L7.Temp. prom aire -0.060583 NAN NAN NAN

L8.Conduct 0.057516 0.000000 25141100.972 0.000

L8.Water 0.014997 NAN NAN NAN

L8.Temp 0.028813 0.000000 170268677.993 0.000

L8.Precip. horaria -0.000686 NAN NAN NAN

L8.Temp. prom aire -0.114291 0.000000 -117693490.514 0.000

L9.Conduct -0.018245 NAN NAN NAN

L9.Water -0.065539 NAN NAN NAN

L9.Temp 0.047564 NAN NAN NAN

L9.Precip. horaria 0.002510 0.000000 10293.552 0.000

L9.Temp. prom aire -0.103637 0.000000 -47261493.642 0.000

L10.Conduct -0.010488 NAN NAN NAN

L10.Water -0.057243 NAN NAN NAN

L10.Temp -0.080649 NAN NAN NAN

L10.Precip. horaria -0.002213 0.000000 -4710.365 0.000

L10.Temp. prom aire 0.071510 0.000000 33153940.322 0.000

L11.Conduct 0.087624 NAN NAN NAN

L11.Water -0.007643 0.000000 -1915295.601 0.000

L11.Temp -0.080947 NAN NAN NAN

L11.Precip. horaria -0.002063 0.000001 -3409.531 0.000

L11.Temp. prom aire 0.112296 NAN NAN NAN

L12.Conduct 0.035568 0.000000 16380066.065 0.000

L12.Water -0.006017 0.000000 -1878704.879 0.000

L12.Temp -0.035913 NAN NAN NAN

L12.Precip. horaria -0.002251 0.000001 -4246.145 0.000

L12.Temp. prom aire 0.259188 NAN NAN NAN

L13.Conduct 0.046889 NAN NAN NAN

L13.Water -0.034356 0.000000 -18935433.252 0.000

L13.Temp 0.143180 0.000000 93541093.034 0.000

L13.Precip. horaria 0.001047 NAN NAN NAN

L13.Temp. prom aire -0.072401 0.000000 -11282389.455 0.000

L14.Conduct 0.030133 NAN NAN NAN

L14.Water -0.125919 NAN NAN NAN

L14.Temp 0.037235 NAN NAN NAN

L14.Precip. horaria 0.004799 NAN NAN NAN

L14.Temp. prom aire 0.087747 0.000000 236579826.259 0.000

L15.Conduct 0.058501 NAN NAN NAN

L15.Water -0.064220 NAN NAN NAN

L15.Temp -0.057154 0.000000 -80583588.989 0.000

L15.Precip. horaria -0.003625 NAN NAN NAN

L15.Temp. prom aire 0.018093 0.000000 3996397.530 0.000

L16.Conduct 0.056277 NAN NAN NAN

L16.Water 0.006464 0.000000 1426707.241 0.000

L16.Temp 0.027232 NAN NAN NAN

L16.Precip. horaria 0.000574 NAN NAN NAN

L16.Temp. prom aire -0.010985 NAN NAN NAN

L17.Conduct -0.134131 NAN NAN NAN

L17.Water 0.004507 NAN NAN NAN

L17.Temp -0.022034 NAN NAN NAN

L17.Precip. horaria 0.004881 NAN NAN NAN

L17.Temp. prom aire -0.028194 0.000000 -12776856.387 0.000

L18.Conduct 0.063785 NAN NAN NAN

L18.Water -0.027107 0.000000 -6722979.646 0.000

L18.Temp -0.080256 NAN NAN NAN

L18.Precip. horaria -0.003385 0.000001 -5494.294 0.000

L18.Temp. prom aire -0.107289 0.000000 -81138020.201 0.000

L19.Conduct 0.039277 0.000000 17172993.196 0.000

L19.Water -0.104569 0.000000 -23812407.317 0.000

L19.Temp -0.015530 NAN NAN NAN

L19.Precip. horaria -0.007352 NAN NAN NAN

L19.Temp. prom aire -0.033334 0.000000 -16307660.665 0.000

L20.Conduct 0.018666 0.000000 69112784.742 0.000

L20.Water -0.015361 0.000000 -2735758.296 0.000

L20.Temp 0.092247 NAN NAN NAN

L20.Precip. horaria -0.005368 0.000000 -14429.269 0.000

L20.Temp. prom aire -0.055603 0.000000 -15688521.304 0.000

L21.Conduct -0.052751 NAN NAN NAN

L21.Water 0.005020 0.000000 876250.655 0.000

L21.Temp 0.055113 0.000000 23051328.112 0.000

L21.Precip. horaria 0.002532 0.000000 11372.705 0.000

L21.Temp. prom aire 0.084577 NAN NAN NAN

L22.Conduct -0.015509 NAN NAN NAN

L22.Water 0.079710 NAN NAN NAN

L22.Temp -0.055052 0.000000 -59409331.199 0.000

L22.Precip. horaria 0.010006 0.000000 138195.620 0.000

L22.Temp. prom aire -0.010533 NAN NAN NAN

L23.Conduct -0.036164 NAN NAN NAN

L23.Water 0.000485 NAN NAN NAN

L23.Temp 0.063550 0.000000 17116613.439 0.000

L23.Precip. horaria 0.001435 NAN NAN NAN

L23.Temp. prom aire 0.010634 NAN NAN NAN

L24.Conduct -0.013686 0.000000 -8843014.611 0.000

L24.Water 0.073979 NAN NAN NAN

L24.Temp 0.109603 NAN NAN NAN

L24.Precip. horaria 0.000306 NAN NAN NAN

L24.Temp. prom aire 0.237330 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.001109 NAN NAN NAN

L1.Conduct 0.072929 NAN NAN NAN

L1.Water -0.023281 NAN NAN NAN

L1.Temp 0.127109 NAN NAN NAN

L1.Precip. horaria -0.008619 NAN NAN NAN

L1.Temp. prom aire 0.053963 NAN NAN NAN

L2.Conduct 0.070479 NAN NAN NAN

L2.Water 0.004923 NAN NAN NAN

L2.Temp 0.069149 0.000000 34026033.691 0.000

L2.Precip. horaria 0.002123 NAN NAN NAN

L2.Temp. prom aire -0.044867 NAN NAN NAN

L3.Conduct 0.023852 NAN NAN NAN

L3.Water 0.029138 0.000000 5785243.480 0.000

L3.Temp 0.181028 0.000000 38452766.961 0.000

L3.Precip. horaria 0.004411 NAN NAN NAN

L3.Temp. prom aire -0.047193 NAN NAN NAN

L4.Conduct 0.029314 0.000000 8879366.858 0.000

L4.Water 0.017992 NAN NAN NAN

L4.Temp 0.215033 NAN NAN NAN

L4.Precip. horaria -0.002883 NAN NAN NAN

L4.Temp. prom aire 0.084358 NAN NAN NAN

L5.Conduct 0.018989 0.000000 8285081.135 0.000

L5.Water -0.104589 0.000000 -16239338.555 0.000

L5.Temp 0.026989 NAN NAN NAN

L5.Precip. horaria -0.012680 NAN NAN NAN

L5.Temp. prom aire 0.094243 0.000000 27263949.216 0.000

L6.Conduct -0.096490 0.000000 -108585093.692 0.000

L6.Water -0.097808 NAN NAN NAN

L6.Temp -0.012943 NAN NAN NAN

L6.Precip. horaria -0.005825 0.000000 -32038.217 0.000

L6.Temp. prom aire -0.006066 0.000000 -2409561.137 0.000

L7.Conduct 0.160579 0.000000 42869756.934 0.000

L7.Water -0.020468 0.000000 -1626476.930 0.000

L7.Temp 0.014314 NAN NAN NAN

L7.Precip. horaria -0.004974 NAN NAN NAN

L7.Temp. prom aire 0.077313 NAN NAN NAN

L8.Conduct -0.028963 0.000000 -9429154.694 0.000

L8.Water -0.036292 NAN NAN NAN

L8.Temp -0.063888 0.000000 -281184964.695 0.000

L8.Precip. horaria 0.004541 NAN NAN NAN

L8.Temp. prom aire 0.068187 0.000000 52296713.075 0.000

L9.Conduct 0.063399 NAN NAN NAN

L9.Water 0.037301 NAN NAN NAN

L9.Temp -0.133876 NAN NAN NAN

L9.Precip. horaria 0.000136 0.000000 414.366 0.000

L9.Temp. prom aire -0.071140 0.000000 -24162525.134 0.000

L10.Conduct 0.035631 NAN NAN NAN

L10.Water 0.063294 NAN NAN NAN

L10.Temp 0.133750 NAN NAN NAN

L10.Precip. horaria 0.000569 0.000001 901.363 0.000

L10.Temp. prom aire -0.031410 0.000000 -10846004.503 0.000

L11.Conduct 0.011418 NAN NAN NAN

L11.Water 0.036986 0.000000 6903117.524 0.000

L11.Temp -0.001608 NAN NAN NAN

L11.Precip. horaria -0.000506 0.000001 -622.905 0.000

L11.Temp. prom aire -0.055416 NAN NAN NAN

L12.Conduct 0.017428 0.000000 5977757.834 0.000

L12.Water -0.005924 0.000000 -1377693.558 0.000

L12.Temp 0.128386 NAN NAN NAN

L12.Precip. horaria 0.002929 0.000001 4115.306 0.000

L12.Temp. prom aire -0.021782 NAN NAN NAN

L13.Conduct 0.068234 NAN NAN NAN

L13.Water 0.016087 0.000000 6603773.831 0.000

L13.Temp -0.016668 0.000000 -8110530.963 0.000

L13.Precip. horaria -0.004022 NAN NAN NAN

L13.Temp. prom aire 0.118714 0.000000 13778224.233 0.000

L14.Conduct -0.035854 NAN NAN NAN

L14.Water 0.027889 NAN NAN NAN

L14.Temp 0.100443 NAN NAN NAN

L14.Precip. horaria -0.003017 NAN NAN NAN

L14.Temp. prom aire 0.069601 0.000000 139764740.042 0.000

L15.Conduct 0.009386 NAN NAN NAN

L15.Water -0.002936 NAN NAN NAN

L15.Temp 0.129445 0.000000 135932392.776 0.000

L15.Precip. horaria -0.000354 NAN NAN NAN

L15.Temp. prom aire 0.076624 0.000000 12605228.352 0.000

L16.Conduct 0.010365 NAN NAN NAN

L16.Water -0.027934 0.000000 -4592087.750 0.000

L16.Temp 0.044847 NAN NAN NAN

L16.Precip. horaria 0.000326 NAN NAN NAN

L16.Temp. prom aire 0.075451 NAN NAN NAN

L17.Conduct 0.002714 NAN NAN NAN

L17.Water -0.106913 NAN NAN NAN

L17.Temp 0.053480 NAN NAN NAN

L17.Precip. horaria -0.001741 NAN NAN NAN

L17.Temp. prom aire 0.022830 0.000000 7705417.254 0.000

L18.Conduct 0.012697 NAN NAN NAN

L18.Water -0.040312 0.000000 -7446335.889 0.000

L18.Temp 0.066872 NAN NAN NAN

L18.Precip. horaria 0.004977 0.000001 6017.559 0.000

L18.Temp. prom aire -0.031206 0.000000 -17577129.181 0.000

L19.Conduct 0.011782 0.000000 3836626.600 0.000

L19.Water 0.039524 0.000000 6703329.400 0.000

L19.Temp -0.102832 NAN NAN NAN

L19.Precip. horaria 0.006772 NAN NAN NAN

L19.Temp. prom aire -0.051809 0.000000 -18877537.766 0.000

L20.Conduct -0.041285 0.000000 -113851073.166 0.000

L20.Water 0.016599 0.000000 2201804.989 0.000

L20.Temp -0.070429 NAN NAN NAN

L20.Precip. horaria 0.006541 0.000000 13094.526 0.000

L20.Temp. prom aire -0.075691 0.000000 -15906027.069 0.000

L21.Conduct 0.047592 NAN NAN NAN

L21.Water 0.002522 0.000000 327942.109 0.000

L21.Temp -0.058356 0.000000 -18178729.241 0.000

L21.Precip. horaria -0.005840 0.000000 -19537.964 0.000

L21.Temp. prom aire -0.092147 NAN NAN NAN

L22.Conduct -0.068340 NAN NAN NAN

L22.Water -0.071885 NAN NAN NAN

L22.Temp -0.045442 0.000000 -36523564.129 0.000

L22.Precip. horaria -0.005735 0.000000 -58995.337 0.000

L22.Temp. prom aire -0.076290 NAN NAN NAN

L23.Conduct 0.209057 NAN NAN NAN

L23.Water 0.039154 NAN NAN NAN

L23.Temp -0.124570 0.000000 -24989070.217 0.000

L23.Precip. horaria -0.002539 NAN NAN NAN

L23.Temp. prom aire -0.063628 NAN NAN NAN

L24.Conduct 0.032554 0.000000 15666714.812 0.000

L24.Water -0.128791 NAN NAN NAN

L24.Temp -0.167148 NAN NAN NAN

L24.Precip. horaria -0.007452 NAN NAN NAN

L24.Temp. prom aire -0.095527 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000025 NAN NAN NAN

L1.Conduct -0.003603 NAN NAN NAN

L1.Water -0.002607 NAN NAN NAN

L1.Temp 0.001383 NAN NAN NAN

L1.Precip. horaria -0.000545 NAN NAN NAN

L1.Temp. prom aire -0.005572 NAN NAN NAN

L2.Conduct -0.001741 NAN NAN NAN

L2.Water -0.000879 NAN NAN NAN

L2.Temp -0.003357 0.000000 -87867009.343 0.000

L2.Precip. horaria -0.000191 NAN NAN NAN

L2.Temp. prom aire 0.000725 NAN NAN NAN

L3.Conduct 0.001895 NAN NAN NAN

L3.Water -0.000509 0.000000 -5374608.260 0.000

L3.Temp -0.000642 0.000000 -7250060.016 0.000

L3.Precip. horaria -0.000156 NAN NAN NAN

L3.Temp. prom aire -0.003380 NAN NAN NAN

L4.Conduct 0.001171 0.000000 18863232.455 0.000

L4.Water 0.002657 NAN NAN NAN

L4.Temp 0.001730 NAN NAN NAN

L4.Precip. horaria 0.000358 NAN NAN NAN

L4.Temp. prom aire -0.001149 NAN NAN NAN

L5.Conduct 0.001276 0.000000 29612373.651 0.000

L5.Water -0.003514 0.000000 -29024072.440 0.000

L5.Temp 0.000276 NAN NAN NAN

L5.Precip. horaria -0.000169 NAN NAN NAN

L5.Temp. prom aire 0.004554 0.000000 70085746.596 0.000

L6.Conduct -0.002718 0.000000 -162688872.371 0.000

L6.Water -0.001471 NAN NAN NAN

L6.Temp -0.000588 NAN NAN NAN

L6.Precip. horaria -0.000063 0.000000 -18456.403 0.000

L6.Temp. prom aire 0.000782 0.000000 16523715.037 0.000

L7.Conduct 0.010865 0.000000 154305755.119 0.000

L7.Water 0.002706 0.000000 11440425.637 0.000

L7.Temp -0.000761 NAN NAN NAN

L7.Precip. horaria -0.000284 NAN NAN NAN

L7.Temp. prom aire -0.003517 NAN NAN NAN

L8.Conduct -0.009154 0.000000 -158533280.985 0.000

L8.Water -0.001186 NAN NAN NAN

L8.Temp 0.003313 0.000000 775587634.763 0.000

L8.Precip. horaria 0.000316 NAN NAN NAN

L8.Temp. prom aire -0.003675 0.000000 -149940360.184 0.000

L9.Conduct 0.000252 NAN NAN NAN

L9.Water -0.002654 NAN NAN NAN

L9.Temp -0.001559 NAN NAN NAN

L9.Precip. horaria 0.000029 0.000000 4725.178 0.000

L9.Temp. prom aire 0.004099 0.000000 74058933.654 0.000

L10.Conduct 0.004150 NAN NAN NAN

L10.Water 0.002141 NAN NAN NAN

L10.Temp -0.006411 NAN NAN NAN

L10.Precip. horaria -0.000186 0.000000 -15717.096 0.000

L10.Temp. prom aire -0.001273 0.000000 -23380846.076 0.000

L11.Conduct -0.000049 NAN NAN NAN

L11.Water 0.001452 0.000000 14417692.236 0.000

L11.Temp -0.002527 NAN NAN NAN

L11.Precip. horaria -0.000002 0.000000 -158.029 0.000

L11.Temp. prom aire 0.009820 NAN NAN NAN

L12.Conduct -0.005319 0.000000 -97059830.120 0.000

L12.Water 0.002027 0.000000 25076534.781 0.000

L12.Temp 0.007171 NAN NAN NAN

L12.Precip. horaria 0.000093 0.000000 6923.403 0.000

L12.Temp. prom aire -0.011724 NAN NAN NAN

L13.Conduct 0.002259 NAN NAN NAN

L13.Water -0.000994 0.000000 -21695787.328 0.000

L13.Temp 0.003889 0.000000 100664727.702 0.000

L13.Precip. horaria 0.000005 NAN NAN NAN

L13.Temp. prom aire 0.006883 0.000000 42497813.280 0.000

L14.Conduct 0.002924 NAN NAN NAN

L14.Water -0.001504 NAN NAN NAN

L14.Temp -0.001329 NAN NAN NAN

L14.Precip. horaria -0.000124 NAN NAN NAN

L14.Temp. prom aire -0.001523 0.000000 -162640088.039 0.000

L15.Conduct 0.008796 NAN NAN NAN

L15.Water 0.001947 NAN NAN NAN

L15.Temp 0.002760 0.000000 154175726.326 0.000

L15.Precip. horaria -0.000046 NAN NAN NAN

L15.Temp. prom aire 0.002978 0.000000 26059443.314 0.000

L16.Conduct 0.000864 NAN NAN NAN

L16.Water 0.002207 0.000000 19303655.679 0.000

L16.Temp -0.002166 NAN NAN NAN

L16.Precip. horaria 0.000120 NAN NAN NAN

L16.Temp. prom aire 0.000082 NAN NAN NAN

L17.Conduct -0.009268 NAN NAN NAN

L17.Water -0.002170 NAN NAN NAN

L17.Temp -0.003474 NAN NAN NAN

L17.Precip. horaria 0.000101 NAN NAN NAN

L17.Temp. prom aire -0.000309 0.000000 -5541750.825 0.000

L18.Conduct 0.000498 NAN NAN NAN

L18.Water -0.000841 0.000000 -8259557.476 0.000

L18.Temp 0.001418 NAN NAN NAN

L18.Precip. horaria -0.000171 0.000000 -10968.482 0.000

L18.Temp. prom aire -0.007360 0.000000 -220527974.275 0.000

L19.Conduct 0.001234 0.000000 21385735.199 0.000

L19.Water 0.000976 0.000000 8808324.217 0.000

L19.Temp 0.002547 NAN NAN NAN

L19.Precip. horaria 0.000078 NAN NAN NAN

L19.Temp. prom aire 0.002722 0.000000 52764019.400 0.000

L20.Conduct -0.002938 0.000000 -431056110.457 0.000

L20.Water 0.000157 0.000000 1105674.801 0.000

L20.Temp 0.003952 NAN NAN NAN

L20.Precip. horaria 0.000008 0.000000 835.624 0.000

L20.Temp. prom aire 0.002234 0.000000 24971190.691 0.000

L21.Conduct -0.000315 NAN NAN NAN

L21.Water 0.001600 0.000000 11066656.557 0.000

L21.Temp -0.007911 0.000000 -131102239.036 0.000

L21.Precip. horaria 0.000076 0.000000 13564.722 0.000

L21.Temp. prom aire -0.000041 NAN NAN NAN

L22.Conduct -0.003433 NAN NAN NAN

L22.Water -0.001002 NAN NAN NAN

L22.Temp 0.008837 0.000000 377824405.476 0.000

L22.Precip. horaria 0.000014 0.000000 7623.304 0.000

L22.Temp. prom aire -0.004801 NAN NAN NAN

L23.Conduct 0.002595 NAN NAN NAN

L23.Water -0.000296 NAN NAN NAN

L23.Temp 0.002328 0.000000 24846733.710 0.000

L23.Precip. horaria 0.000137 NAN NAN NAN

L23.Temp. prom aire 0.010471 NAN NAN NAN

L24.Conduct 0.000633 0.000000 16205628.830 0.000

L24.Water 0.001663 NAN NAN NAN

L24.Temp -0.004534 NAN NAN NAN

L24.Precip. horaria -0.000273 NAN NAN NAN

L24.Temp. prom aire -0.004832 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000826 NAN NAN NAN

L1.Conduct 0.139863 NAN NAN NAN

L1.Water -0.002223 NAN NAN NAN

L1.Temp 0.020517 NAN NAN NAN

L1.Precip. horaria -0.009586 NAN NAN NAN

L1.Temp. prom aire -0.254215 NAN NAN NAN

L2.Conduct 0.024747 NAN NAN NAN

L2.Water -0.014472 NAN NAN NAN

L2.Temp 0.143696 0.000000 95168829.416 0.000

L2.Precip. horaria 0.003006 NAN NAN NAN

L2.Temp. prom aire 0.060504 NAN NAN NAN

L3.Conduct -0.004497 NAN NAN NAN

L3.Water -0.046566 0.000000 -12443877.375 0.000

L3.Temp 0.267083 0.000000 76357380.795 0.000

L3.Precip. horaria -0.001388 NAN NAN NAN

L3.Temp. prom aire -0.128744 NAN NAN NAN

L4.Conduct 0.004477 0.000000 1825353.350 0.000

L4.Water -0.003804 NAN NAN NAN

L4.Temp 0.032507 NAN NAN NAN

L4.Precip. horaria 0.003468 NAN NAN NAN

L4.Temp. prom aire 0.112517 NAN NAN NAN

L5.Conduct 0.033940 0.000000 19931258.215 0.000

L5.Water -0.075386 0.000000 -15754045.122 0.000

L5.Temp 0.048199 NAN NAN NAN

L5.Precip. horaria -0.006771 NAN NAN NAN

L5.Temp. prom aire 0.092471 0.000000 36005604.205 0.000

L6.Conduct -0.144224 0.000000 -218447800.371 0.000

L6.Water -0.071054 NAN NAN NAN

L6.Temp -0.143231 NAN NAN NAN

L6.Precip. horaria 0.000495 0.000000 3662.564 0.000

L6.Temp. prom aire -0.056151 0.000000 -30019908.965 0.000

L7.Conduct 0.170159 0.000000 61141962.607 0.000

L7.Water -0.014941 0.000000 -1598029.162 0.000

L7.Temp 0.000998 NAN NAN NAN

L7.Precip. horaria -0.008831 NAN NAN NAN

L7.Temp. prom aire -0.125044 NAN NAN NAN

L8.Conduct -0.003455 0.000000 -1514120.312 0.000

L8.Water 0.002827 NAN NAN NAN

L8.Temp -0.092479 0.000000 -547822135.665 0.000

L8.Precip. horaria 0.006466 NAN NAN NAN

L8.Temp. prom aire -0.244836 0.000000 -252739659.994 0.000

L9.Conduct 0.009400 NAN NAN NAN

L9.Water -0.017729 NAN NAN NAN

L9.Temp 0.195156 NAN NAN NAN

L9.Precip. horaria -0.003844 0.000000 -15800.935 0.000

L9.Temp. prom aire 0.140897 0.000000 64410129.169 0.000

L10.Conduct 0.040724 NAN NAN NAN

L10.Water 0.065147 NAN NAN NAN

L10.Temp -0.053570 NAN NAN NAN

L10.Precip. horaria 0.001085 0.000000 2314.968 0.000

L10.Temp. prom aire 0.072216 0.000000 33563115.987 0.000

L11.Conduct -0.053827 NAN NAN NAN

L11.Water -0.061413 0.000000 -15427152.818 0.000

L11.Temp -0.128485 NAN NAN NAN

L11.Precip. horaria -0.002559 0.000001 -4241.048 0.000

L11.Temp. prom aire 0.038775 NAN NAN NAN

L12.Conduct 0.053067 0.000000 24498425.207 0.000

L12.Water 0.083439 0.000000 26116880.471 0.000

L12.Temp 0.180769 NAN NAN NAN

L12.Precip. horaria 0.003284 0.000001 6209.485 0.000

L12.Temp. prom aire 0.053523 NAN NAN NAN

L13.Conduct 0.077904 NAN NAN NAN

L13.Water -0.021559 0.000000 -11911223.865 0.000

L13.Temp 0.029606 0.000000 19389084.429 0.000

L13.Precip. horaria -0.002490 NAN NAN NAN

L13.Temp. prom aire 0.117596 0.000000 18369777.196 0.000

L14.Conduct -0.080650 NAN NAN NAN

L14.Water 0.081740 NAN NAN NAN

L14.Temp -0.142452 NAN NAN NAN

L14.Precip. horaria 0.000824 NAN NAN NAN

L14.Temp. prom aire 0.049291 0.000000 133219419.546 0.000

L15.Conduct 0.118453 NAN NAN NAN

L15.Water 0.017896 NAN NAN NAN

L15.Temp 0.084880 0.000000 119967338.075 0.000

L15.Precip. horaria -0.004354 NAN NAN NAN

L15.Temp. prom aire -0.025516 0.000000 -5649748.335 0.000

L16.Conduct -0.108610 NAN NAN NAN

L16.Water 0.065349 0.000000 14459140.390 0.000

L16.Temp -0.082413 NAN NAN NAN

L16.Precip. horaria 0.003247 NAN NAN NAN

L16.Temp. prom aire -0.015133 NAN NAN NAN

L17.Conduct 0.076443 NAN NAN NAN

L17.Water -0.123286 NAN NAN NAN

L17.Temp 0.382526 NAN NAN NAN

L17.Precip. horaria -0.001132 NAN NAN NAN

L17.Temp. prom aire -0.010387 0.000000 -4718638.720 0.000

L18.Conduct 0.021550 NAN NAN NAN

L18.Water -0.010447 0.000000 -2597292.473 0.000

L18.Temp 0.040193 NAN NAN NAN

L18.Precip. horaria 0.003256 0.000001 5298.194 0.000

L18.Temp. prom aire -0.007812 0.000000 -5922155.082 0.000

L19.Conduct 0.033823 0.000000 14824436.791 0.000

L19.Water -0.029017 0.000000 -6623844.086 0.000

L19.Temp -0.055940 NAN NAN NAN

L19.Precip. horaria 0.001710 NAN NAN NAN

L19.Temp. prom aire 0.069285 0.000000 33978777.637 0.000

L20.Conduct -0.080685 0.000000 -299470382.417 0.000

L20.Water 0.017028 0.000000 3039980.218 0.000

L20.Temp -0.037395 NAN NAN NAN

L20.Precip. horaria -0.001153 0.000000 -3107.095 0.000

L20.Temp. prom aire -0.030946 0.000000 -8752714.809 0.000

L21.Conduct 0.051487 NAN NAN NAN

L21.Water 0.046401 0.000000 8119238.278 0.000

L21.Temp -0.135156 0.000000 -56667467.521 0.000

L21.Precip. horaria -0.001883 0.000000 -8477.267 0.000

L21.Temp. prom aire 0.038861 NAN NAN NAN

L22.Conduct -0.056740 NAN NAN NAN

L22.Water -0.010686 NAN NAN NAN

L22.Temp 0.039043 0.000000 42236658.525 0.000

L22.Precip. horaria 0.003404 0.000000 47135.838 0.000

L22.Temp. prom aire -0.340008 NAN NAN NAN

L23.Conduct 0.216532 NAN NAN NAN

L23.Water 0.009867 NAN NAN NAN

L23.Temp -0.023066 0.000000 -6227701.124 0.000

L23.Precip. horaria 0.003027 NAN NAN NAN

L23.Temp. prom aire 0.125474 NAN NAN NAN

L24.Conduct -0.061361 0.000000 -39745241.493 0.000

L24.Water -0.085898 NAN NAN NAN

L24.Temp -0.063554 NAN NAN NAN

L24.Precip. horaria -0.008983 NAN NAN NAN

L24.Temp. prom aire -0.095812 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.286648 0.031523 -0.054667 0.281986

Water 0.286648 1.000000 -0.137971 0.792327 -0.327776

Temp 0.031523 -0.137971 1.000000 -0.298693 0.541952

Precip. horaria -0.054667 0.792327 -0.298693 1.000000 -0.493032

Temp. prom aire 0.281986 -0.327776 0.541952 -0.493032 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -270.964

Nobs: 47.0000 HQIC: -285.818

Log likelihood: 7198.88 FPE: -3.78671e-138

AIC: -294.780 Det(Omega\_mle): -6.48941e-141

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.004680 NAN NAN NAN

L1.Conduct 0.360843 NAN NAN NAN

L1.Water -0.013009 NAN NAN NAN

L1.Temp -0.438791 NAN NAN NAN

L1.Precip. horaria 0.043962 NAN NAN NAN

L1.Temp. prom aire 0.256559 NAN NAN NAN

L2.Conduct -0.293177 0.000000 -84740366.930 0.000

L2.Water -0.010103 NAN NAN NAN

L2.Temp 0.326102 NAN NAN NAN

L2.Precip. horaria -0.008804 NAN NAN NAN

L2.Temp. prom aire 0.357625 0.000000 47645590.123 0.000

L3.Conduct 0.271015 NAN NAN NAN

L3.Water 0.204729 NAN NAN NAN

L3.Temp -0.703939 0.000000 -79451303.998 0.000

L3.Precip. horaria -0.048242 NAN NAN NAN

L3.Temp. prom aire -0.207705 0.000000 -26077911.190 0.000

L4.Conduct -0.248847 NAN NAN NAN

L4.Water -0.210502 NAN NAN NAN

L4.Temp -0.864728 NAN NAN NAN

L4.Precip. horaria 0.052422 NAN NAN NAN

L4.Temp. prom aire -0.205788 NAN NAN NAN

L5.Conduct 0.104475 NAN NAN NAN

L5.Water -0.076250 NAN NAN NAN

L5.Temp -0.112024 NAN NAN NAN

L5.Precip. horaria 0.004081 NAN NAN NAN

L5.Temp. prom aire -0.513178 NAN NAN NAN

L6.Conduct -0.212422 NAN NAN NAN

L6.Water -0.173069 NAN NAN NAN

L6.Temp 0.010195 0.000000 2879799.712 0.000

L6.Precip. horaria 0.025128 NAN NAN NAN

L6.Temp. prom aire 0.078906 NAN NAN NAN

L7.Conduct 0.048163 NAN NAN NAN

L7.Water 0.057672 NAN NAN NAN

L7.Temp 0.138310 NAN NAN NAN

L7.Precip. horaria -0.029237 NAN NAN NAN

L7.Temp. prom aire -0.117861 NAN NAN NAN

L8.Conduct 0.159504 NAN NAN NAN

L8.Water 0.149202 NAN NAN NAN

L8.Temp 0.210655 NAN NAN NAN

L8.Precip. horaria -0.001647 NAN NAN NAN

L8.Temp. prom aire -0.418363 NAN NAN NAN

L9.Conduct -0.044591 NAN NAN NAN

L9.Water 0.012258 0.000000 3205928.409 0.000

L9.Temp 0.059331 0.000000 7938476.042 0.000

L9.Precip. horaria -0.001486 NAN NAN NAN

L9.Temp. prom aire -0.143465 NAN NAN NAN

L10.Conduct 0.030898 NAN NAN NAN

L10.Water -0.212731 NAN NAN NAN

L10.Temp 0.291666 0.000000 99462715.410 0.000

L10.Precip. horaria 0.012150 NAN NAN NAN

L10.Temp. prom aire 0.544243 NAN NAN NAN

L11.Conduct 0.143129 NAN NAN NAN

L11.Water -0.170926 NAN NAN NAN

L11.Temp -0.139068 NAN NAN NAN

L11.Precip. horaria 0.004659 NAN NAN NAN

L11.Temp. prom aire 0.503223 NAN NAN NAN

L12.Conduct 0.004205 NAN NAN NAN

L12.Water -0.077816 NAN NAN NAN

L12.Temp 0.236663 0.000000 95683858.361 0.000

L12.Precip. horaria -0.004769 NAN NAN NAN

L12.Temp. prom aire 0.780797 NAN NAN NAN

L13.Conduct 0.016856 NAN NAN NAN

L13.Water 0.094298 NAN NAN NAN

L13.Temp 0.473952 NAN NAN NAN

L13.Precip. horaria -0.011033 NAN NAN NAN

L13.Temp. prom aire -0.321933 NAN NAN NAN

L14.Conduct -0.282624 NAN NAN NAN

L14.Water 0.214602 0.000000 18854032.021 0.000

L14.Temp -0.196572 NAN NAN NAN

L14.Precip. horaria -0.002579 NAN NAN NAN

L14.Temp. prom aire 0.221395 NAN NAN NAN

L15.Conduct 0.119361 NAN NAN NAN

L15.Water 0.295852 NAN NAN NAN

L15.Temp -0.330812 NAN NAN NAN

L15.Precip. horaria 0.004312 NAN NAN NAN

L15.Temp. prom aire 0.323157 NAN NAN NAN

L16.Conduct -0.020175 0.000000 -2216258.576 0.000

L16.Water 0.170423 NAN NAN NAN

L16.Temp 0.314602 NAN NAN NAN

L16.Precip. horaria 0.009547 0.000003 3338.201 0.000

L16.Temp. prom aire -0.854775 NAN NAN NAN

L17.Conduct 0.035440 NAN NAN NAN

L17.Water -0.005261 NAN NAN NAN

L17.Temp -0.233797 NAN NAN NAN

L17.Precip. horaria 0.009044 0.000003 2977.837 0.000

L17.Temp. prom aire -0.015789 NAN NAN NAN

L18.Conduct -0.019440 NAN NAN NAN

L18.Water -0.051557 NAN NAN NAN

L18.Temp -0.437600 0.000000 -348475348.140 0.000

L18.Precip. horaria -0.004276 NAN NAN NAN

L18.Temp. prom aire -0.982944 NAN NAN NAN

L19.Conduct -0.128727 NAN NAN NAN

L19.Water 0.212687 NAN NAN NAN

L19.Temp -0.343188 NAN NAN NAN

L19.Precip. horaria -0.018915 NAN NAN NAN

L19.Temp. prom aire 0.176970 NAN NAN NAN

L20.Conduct 0.139135 0.000000 25901028.406 0.000

L20.Water 0.262062 NAN NAN NAN

L20.Temp 0.189664 0.000000 51778114.589 0.000

L20.Precip. horaria -0.007576 NAN NAN NAN

L20.Temp. prom aire -0.107406 0.000000 -13394696.896 0.000

L21.Conduct -0.025490 0.000000 -2285179.143 0.000

L21.Water 0.105879 NAN NAN NAN

L21.Temp 0.303722 NAN NAN NAN

L21.Precip. horaria 0.012497 NAN NAN NAN

L21.Temp. prom aire 0.694436 NAN NAN NAN

L22.Conduct -0.056942 NAN NAN NAN

L22.Water 0.117664 NAN NAN NAN

L22.Temp -0.071084 NAN NAN NAN

L22.Precip. horaria 0.000758 NAN NAN NAN

L22.Temp. prom aire -0.366505 0.000000 -27663111.807 0.000

L23.Conduct -0.131539 NAN NAN NAN

L23.Water 0.033657 NAN NAN NAN

L23.Temp 0.462675 NAN NAN NAN

L23.Precip. horaria 0.005411 NAN NAN NAN

L23.Temp. prom aire 0.016957 NAN NAN NAN

L24.Conduct 0.180993 NAN NAN NAN

L24.Water 0.411360 0.000000 99528542.708 0.000

L24.Temp 0.339882 NAN NAN NAN

L24.Precip. horaria -0.001784 0.000000 -4188.509 0.000

L24.Temp. prom aire 1.117702 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.001477 NAN NAN NAN

L1.Conduct 0.067159 NAN NAN NAN

L1.Water 0.019589 NAN NAN NAN

L1.Temp -0.128703 NAN NAN NAN

L1.Precip. horaria 0.013017 NAN NAN NAN

L1.Temp. prom aire 0.082006 NAN NAN NAN

L2.Conduct -0.105914 0.000000 -90713379.740 0.000

L2.Water -0.004889 NAN NAN NAN

L2.Temp 0.052308 NAN NAN NAN

L2.Precip. horaria -0.000455 NAN NAN NAN

L2.Temp. prom aire 0.056931 0.000000 22474980.550 0.000

L3.Conduct 0.097786 NAN NAN NAN

L3.Water 0.050756 NAN NAN NAN

L3.Temp -0.190986 0.000000 -63873884.335 0.000

L3.Precip. horaria -0.010837 NAN NAN NAN

L3.Temp. prom aire -0.062341 0.000000 -23192748.237 0.000

L4.Conduct -0.010732 NAN NAN NAN

L4.Water -0.045430 NAN NAN NAN

L4.Temp -0.217546 NAN NAN NAN

L4.Precip. horaria 0.013743 NAN NAN NAN

L4.Temp. prom aire -0.049427 NAN NAN NAN

L5.Conduct 0.099799 NAN NAN NAN

L5.Water 0.010383 NAN NAN NAN

L5.Temp -0.001060 NAN NAN NAN

L5.Precip. horaria -0.000528 NAN NAN NAN

L5.Temp. prom aire -0.123958 NAN NAN NAN

L6.Conduct -0.033571 NAN NAN NAN

L6.Water -0.020585 NAN NAN NAN

L6.Temp 0.032134 0.000000 26895792.792 0.000

L6.Precip. horaria 0.004719 NAN NAN NAN

L6.Temp. prom aire 0.040637 NAN NAN NAN

L7.Conduct 0.037717 NAN NAN NAN

L7.Water 0.032619 NAN NAN NAN

L7.Temp 0.052514 NAN NAN NAN

L7.Precip. horaria -0.007168 NAN NAN NAN

L7.Temp. prom aire -0.007418 NAN NAN NAN

L8.Conduct 0.054539 NAN NAN NAN

L8.Water 0.040238 NAN NAN NAN

L8.Temp 0.026403 NAN NAN NAN

L8.Precip. horaria 0.001151 NAN NAN NAN

L8.Temp. prom aire -0.125657 NAN NAN NAN

L9.Conduct -0.006323 NAN NAN NAN

L9.Water -0.014895 0.000000 -11543026.783 0.000

L9.Temp 0.014261 0.000000 5654215.124 0.000

L9.Precip. horaria 0.001739 NAN NAN NAN

L9.Temp. prom aire -0.078096 NAN NAN NAN

L10.Conduct 0.025471 NAN NAN NAN

L10.Water -0.065604 NAN NAN NAN

L10.Temp 0.078958 0.000000 79786073.806 0.000

L10.Precip. horaria 0.001988 NAN NAN NAN

L10.Temp. prom aire 0.129219 NAN NAN NAN

L11.Conduct 0.087671 NAN NAN NAN

L11.Water -0.038964 NAN NAN NAN

L11.Temp -0.010138 NAN NAN NAN

L11.Precip. horaria 0.000145 NAN NAN NAN

L11.Temp. prom aire 0.161480 NAN NAN NAN

L12.Conduct 0.032642 NAN NAN NAN

L12.Water -0.011595 NAN NAN NAN

L12.Temp 0.060387 0.000000 72345060.053 0.000

L12.Precip. horaria -0.002225 NAN NAN NAN

L12.Temp. prom aire 0.288747 NAN NAN NAN

L13.Conduct 0.034976 NAN NAN NAN

L13.Water 0.027247 NAN NAN NAN

L13.Temp 0.140460 NAN NAN NAN

L13.Precip. horaria -0.002366 NAN NAN NAN

L13.Temp. prom aire -0.070621 NAN NAN NAN

L14.Conduct -0.092372 NAN NAN NAN

L14.Water 0.039470 0.000000 10275320.148 0.000

L14.Temp -0.031459 NAN NAN NAN

L14.Precip. horaria 0.000046 NAN NAN NAN

L14.Temp. prom aire 0.056498 NAN NAN NAN

L15.Conduct 0.050073 NAN NAN NAN

L15.Water 0.067717 NAN NAN NAN

L15.Temp -0.058812 NAN NAN NAN

L15.Precip. horaria 0.001701 NAN NAN NAN

L15.Temp. prom aire 0.073390 NAN NAN NAN

L16.Conduct 0.019842 0.000000 6458762.131 0.000

L16.Water 0.042170 NAN NAN NAN

L16.Temp 0.103981 NAN NAN NAN

L16.Precip. horaria 0.002226 0.000001 2306.675 0.000

L16.Temp. prom aire -0.236918 NAN NAN NAN

L17.Conduct 0.009434 NAN NAN NAN

L17.Water -0.014952 NAN NAN NAN

L17.Temp -0.050036 NAN NAN NAN

L17.Precip. horaria 0.002358 0.000001 2300.961 0.000

L17.Temp. prom aire 0.031077 NAN NAN NAN

L18.Conduct -0.002632 NAN NAN NAN

L18.Water -0.028164 NAN NAN NAN

L18.Temp -0.143497 0.000000 -338604629.004 0.000

L18.Precip. horaria -0.002267 NAN NAN NAN

L18.Temp. prom aire -0.247513 NAN NAN NAN

L19.Conduct -0.053376 NAN NAN NAN

L19.Water 0.037045 NAN NAN NAN

L19.Temp -0.105502 NAN NAN NAN

L19.Precip. horaria -0.005303 NAN NAN NAN

L19.Temp. prom aire 0.039778 NAN NAN NAN

L20.Conduct -0.005974 0.000000 -3295267.522 0.000

L20.Water 0.049648 NAN NAN NAN

L20.Temp 0.058045 0.000000 46955371.224 0.000

L20.Precip. horaria -0.002117 NAN NAN NAN

L20.Temp. prom aire -0.062092 0.000000 -22945320.159 0.000

L21.Conduct -0.047855 0.000000 -12712535.733 0.000

L21.Water 0.021361 NAN NAN NAN

L21.Temp 0.114471 NAN NAN NAN

L21.Precip. horaria 0.003984 NAN NAN NAN

L21.Temp. prom aire 0.173035 NAN NAN NAN

L22.Conduct -0.007160 NAN NAN NAN

L22.Water 0.048345 NAN NAN NAN

L22.Temp -0.015295 NAN NAN NAN

L22.Precip. horaria 0.000833 NAN NAN NAN

L22.Temp. prom aire -0.095441 0.000000 -21345838.500 0.000

L23.Conduct -0.023039 NAN NAN NAN

L23.Water 0.015858 NAN NAN NAN

L23.Temp 0.128084 NAN NAN NAN

L23.Precip. horaria 0.001573 NAN NAN NAN

L23.Temp. prom aire 0.007174 NAN NAN NAN

L24.Conduct 0.017163 NAN NAN NAN

L24.Water 0.118720 0.000000 85115192.469 0.000

L24.Temp 0.101091 NAN NAN NAN

L24.Precip. horaria -0.000614 0.000000 -4271.810 0.000

L24.Temp. prom aire 0.331598 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000477 NAN NAN NAN

L1.Conduct -0.010566 NAN NAN NAN

L1.Water 0.081474 NAN NAN NAN

L1.Temp 0.160926 NAN NAN NAN

L1.Precip. horaria -0.020215 NAN NAN NAN

L1.Temp. prom aire 0.161591 NAN NAN NAN

L2.Conduct 0.085860 0.000000 47642158.633 0.000

L2.Water 0.033814 NAN NAN NAN

L2.Temp 0.010894 NAN NAN NAN

L2.Precip. horaria 0.006917 NAN NAN NAN

L2.Temp. prom aire 0.020861 0.000000 5335527.041 0.000

L3.Conduct -0.066913 NAN NAN NAN

L3.Water -0.035251 NAN NAN NAN

L3.Temp 0.134483 0.000000 29138867.739 0.000

L3.Precip. horaria 0.005606 NAN NAN NAN

L3.Temp. prom aire -0.099506 0.000000 -23983388.587 0.000

L4.Conduct 0.107070 NAN NAN NAN

L4.Water -0.024357 NAN NAN NAN

L4.Temp 0.139395 NAN NAN NAN

L4.Precip. horaria 0.006830 NAN NAN NAN

L4.Temp. prom aire 0.101089 NAN NAN NAN

L5.Conduct -0.065484 NAN NAN NAN

L5.Water -0.061910 NAN NAN NAN

L5.Temp -0.021677 NAN NAN NAN

L5.Precip. horaria -0.009037 NAN NAN NAN

L5.Temp. prom aire 0.046280 NAN NAN NAN

L6.Conduct -0.007979 NAN NAN NAN

L6.Water -0.035704 NAN NAN NAN

L6.Temp 0.109146 0.000000 59185182.429 0.000

L6.Precip. horaria -0.004727 NAN NAN NAN

L6.Temp. prom aire -0.019591 NAN NAN NAN

L7.Conduct 0.053388 NAN NAN NAN

L7.Water 0.032667 NAN NAN NAN

L7.Temp 0.119749 NAN NAN NAN

L7.Precip. horaria -0.007493 NAN NAN NAN

L7.Temp. prom aire 0.062704 NAN NAN NAN

L8.Conduct 0.044746 NAN NAN NAN

L8.Water -0.049916 NAN NAN NAN

L8.Temp 0.000187 NAN NAN NAN

L8.Precip. horaria 0.006652 NAN NAN NAN

L8.Temp. prom aire 0.025318 NAN NAN NAN

L9.Conduct 0.045705 NAN NAN NAN

L9.Water -0.012029 0.000000 -6039466.302 0.000

L9.Temp -0.208640 0.000000 -53591143.745 0.000

L9.Precip. horaria 0.001493 NAN NAN NAN

L9.Temp. prom aire -0.184128 NAN NAN NAN

L10.Conduct 0.081630 NAN NAN NAN

L10.Water -0.009667 NAN NAN NAN

L10.Temp 0.062733 0.000000 41068671.980 0.000

L10.Precip. horaria 0.003114 NAN NAN NAN

L10.Temp. prom aire -0.108419 NAN NAN NAN

L11.Conduct -0.028083 NAN NAN NAN

L11.Water -0.005784 NAN NAN NAN

L11.Temp -0.112625 NAN NAN NAN

L11.Precip. horaria -0.004637 NAN NAN NAN

L11.Temp. prom aire -0.099295 NAN NAN NAN

L12.Conduct 0.028071 NAN NAN NAN

L12.Water -0.020451 NAN NAN NAN

L12.Temp 0.109102 0.000000 84680183.425 0.000

L12.Precip. horaria -0.000692 NAN NAN NAN

L12.Temp. prom aire 0.069484 NAN NAN NAN

L13.Conduct 0.036763 NAN NAN NAN

L13.Water 0.009509 NAN NAN NAN

L13.Temp -0.055103 NAN NAN NAN

L13.Precip. horaria -0.002254 NAN NAN NAN

L13.Temp. prom aire 0.260403 NAN NAN NAN

L14.Conduct 0.056614 NAN NAN NAN

L14.Water -0.012130 0.000000 -2045856.062 0.000

L14.Temp 0.109614 NAN NAN NAN

L14.Precip. horaria 0.001938 NAN NAN NAN

L14.Temp. prom aire 0.095761 NAN NAN NAN

L15.Conduct 0.008136 NAN NAN NAN

L15.Water -0.035819 NAN NAN NAN

L15.Temp 0.164579 NAN NAN NAN

L15.Precip. horaria -0.000461 NAN NAN NAN

L15.Temp. prom aire 0.132060 NAN NAN NAN

L16.Conduct 0.044298 0.000000 9341570.533 0.000

L16.Water 0.024512 NAN NAN NAN

L16.Temp 0.037747 NAN NAN NAN

L16.Precip. horaria 0.001718 0.000001 1152.947 0.000

L16.Temp. prom aire 0.043377 NAN NAN NAN

L17.Conduct -0.056867 NAN NAN NAN

L17.Water 0.015085 NAN NAN NAN

L17.Temp 0.147744 NAN NAN NAN

L17.Precip. horaria -0.003797 0.000002 -2400.224 0.000

L17.Temp. prom aire 0.004886 NAN NAN NAN

L18.Conduct 0.074405 NAN NAN NAN

L18.Water 0.007860 NAN NAN NAN

L18.Temp 0.084214 0.000000 128741115.170 0.000

L18.Precip. horaria 0.002771 NAN NAN NAN

L18.Temp. prom aire 0.040086 NAN NAN NAN

L19.Conduct 0.042498 NAN NAN NAN

L19.Water -0.071506 NAN NAN NAN

L19.Temp -0.107944 NAN NAN NAN

L19.Precip. horaria 0.001207 NAN NAN NAN

L19.Temp. prom aire 0.023592 NAN NAN NAN

L20.Conduct -0.038481 0.000000 -13751811.015 0.000

L20.Water -0.069367 NAN NAN NAN

L20.Temp -0.106185 0.000000 -55649603.681 0.000

L20.Precip. horaria -0.000687 NAN NAN NAN

L20.Temp. prom aire -0.108559 0.000000 -25990163.024 0.000

L21.Conduct 0.065357 0.000000 11248012.460 0.000

L21.Water 0.003555 NAN NAN NAN

L21.Temp -0.075968 NAN NAN NAN

L21.Precip. horaria -0.003257 NAN NAN NAN

L21.Temp. prom aire -0.207945 NAN NAN NAN

L22.Conduct -0.100044 NAN NAN NAN

L22.Water -0.084263 NAN NAN NAN

L22.Temp 0.001710 NAN NAN NAN

L22.Precip. horaria 0.003895 NAN NAN NAN

L22.Temp. prom aire -0.144063 0.000000 -20874285.359 0.000

L23.Conduct 0.303091 NAN NAN NAN

L23.Water 0.098510 NAN NAN NAN

L23.Temp -0.066703 NAN NAN NAN

L23.Precip. horaria 0.005261 NAN NAN NAN

L23.Temp. prom aire -0.071561 NAN NAN NAN

L24.Conduct -0.002795 NAN NAN NAN

L24.Water -0.079773 0.000000 -37052511.280 0.000

L24.Temp -0.041482 NAN NAN NAN

L24.Precip. horaria -0.006115 0.000000 -27564.024 0.000

L24.Temp. prom aire -0.035826 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000021 NAN NAN NAN

L1.Conduct -0.004454 NAN NAN NAN

L1.Water -0.002991 NAN NAN NAN

L1.Temp -0.001017 NAN NAN NAN

L1.Precip. horaria -0.000306 NAN NAN NAN

L1.Temp. prom aire -0.007629 NAN NAN NAN

L2.Conduct 0.001388 0.000000 28614673.582 0.000

L2.Water 0.000646 NAN NAN NAN

L2.Temp 0.001281 NAN NAN NAN

L2.Precip. horaria -0.000191 NAN NAN NAN

L2.Temp. prom aire 0.007410 0.000000 70397793.429 0.000

L3.Conduct -0.003764 NAN NAN NAN

L3.Water 0.001314 NAN NAN NAN

L3.Temp -0.000579 0.000000 -4660226.605 0.000

L3.Precip. horaria -0.000759 NAN NAN NAN

L3.Temp. prom aire -0.001813 0.000000 -16226375.633 0.000

L4.Conduct 0.006347 NAN NAN NAN

L4.Water 0.002307 NAN NAN NAN

L4.Temp -0.002044 NAN NAN NAN

L4.Precip. horaria 0.000275 NAN NAN NAN

L4.Temp. prom aire -0.000389 NAN NAN NAN

L5.Conduct -0.002244 NAN NAN NAN

L5.Water -0.001454 NAN NAN NAN

L5.Temp -0.002907 NAN NAN NAN

L5.Precip. horaria 0.000071 NAN NAN NAN

L5.Temp. prom aire 0.000339 NAN NAN NAN

L6.Conduct 0.002018 NAN NAN NAN

L6.Water -0.000915 NAN NAN NAN

L6.Temp -0.004057 0.000000 -81719901.555 0.000

L6.Precip. horaria 0.000475 NAN NAN NAN

L6.Temp. prom aire 0.000617 NAN NAN NAN

L7.Conduct 0.005548 NAN NAN NAN

L7.Water 0.003653 NAN NAN NAN

L7.Temp -0.001218 NAN NAN NAN

L7.Precip. horaria -0.000266 NAN NAN NAN

L7.Temp. prom aire -0.003067 NAN NAN NAN

L8.Conduct -0.006085 NAN NAN NAN

L8.Water 0.001187 NAN NAN NAN

L8.Temp 0.008797 NAN NAN NAN

L8.Precip. horaria 0.000027 NAN NAN NAN

L8.Temp. prom aire -0.001002 NAN NAN NAN

L9.Conduct -0.007890 NAN NAN NAN

L9.Water 0.000517 0.000000 9647603.829 0.000

L9.Temp 0.000014 0.000000 130295.970 0.000

L9.Precip. horaria -0.000125 NAN NAN NAN

L9.Temp. prom aire 0.007319 NAN NAN NAN

L10.Conduct 0.000122 NAN NAN NAN

L10.Water 0.000868 NAN NAN NAN

L10.Temp -0.001557 0.000000 -37849883.064 0.000

L10.Precip. horaria 0.000063 NAN NAN NAN

L10.Temp. prom aire 0.002096 NAN NAN NAN

L11.Conduct 0.004783 NAN NAN NAN

L11.Water 0.000941 NAN NAN NAN

L11.Temp -0.005645 NAN NAN NAN

L11.Precip. horaria 0.000177 NAN NAN NAN

L11.Temp. prom aire 0.007939 NAN NAN NAN

L12.Conduct 0.003251 NAN NAN NAN

L12.Water -0.000404 NAN NAN NAN

L12.Temp 0.005516 0.000000 159027461.908 0.000

L12.Precip. horaria 0.000081 NAN NAN NAN

L12.Temp. prom aire -0.016247 NAN NAN NAN

L13.Conduct 0.002583 NAN NAN NAN

L13.Water 0.000073 NAN NAN NAN

L13.Temp 0.003947 NAN NAN NAN

L13.Precip. horaria -0.000141 NAN NAN NAN

L13.Temp. prom aire 0.001960 NAN NAN NAN

L14.Conduct -0.005093 NAN NAN NAN

L14.Water 0.000012 0.000000 72831.303 0.000

L14.Temp -0.000935 NAN NAN NAN

L14.Precip. horaria -0.000170 NAN NAN NAN

L14.Temp. prom aire -0.004343 NAN NAN NAN

L15.Conduct 0.003555 NAN NAN NAN

L15.Water 0.001287 NAN NAN NAN

L15.Temp 0.000213 NAN NAN NAN

L15.Precip. horaria -0.000007 NAN NAN NAN

L15.Temp. prom aire 0.006848 NAN NAN NAN

L16.Conduct 0.002470 0.000000 19350070.011 0.000

L16.Water 0.000449 NAN NAN NAN

L16.Temp -0.003434 NAN NAN NAN

L16.Precip. horaria 0.000120 0.000000 2987.866 0.000

L16.Temp. prom aire 0.000053 NAN NAN NAN

L17.Conduct -0.007433 NAN NAN NAN

L17.Water -0.002738 NAN NAN NAN

L17.Temp -0.007292 NAN NAN NAN

L17.Precip. horaria 0.000154 0.000000 3619.155 0.000

L17.Temp. prom aire -0.001206 NAN NAN NAN

L18.Conduct -0.002586 NAN NAN NAN

L18.Water 0.000848 NAN NAN NAN

L18.Temp 0.001578 0.000000 89627200.601 0.000

L18.Precip. horaria -0.000011 NAN NAN NAN

L18.Temp. prom aire -0.012062 NAN NAN NAN

L19.Conduct -0.000438 NAN NAN NAN

L19.Water 0.001130 NAN NAN NAN

L19.Temp 0.001714 NAN NAN NAN

L19.Precip. horaria 0.000053 NAN NAN NAN

L19.Temp. prom aire 0.003847 NAN NAN NAN

L20.Conduct 0.001922 0.000000 25515156.714 0.000

L20.Water 0.001241 NAN NAN NAN

L20.Temp 0.004923 0.000000 95826497.562 0.000

L20.Precip. horaria -0.000095 NAN NAN NAN

L20.Temp. prom aire 0.006647 0.000000 59112509.473 0.000

L21.Conduct 0.005684 0.000000 36333910.182 0.000

L21.Water 0.001836 NAN NAN NAN

L21.Temp -0.006077 NAN NAN NAN

L21.Precip. horaria -0.000135 NAN NAN NAN

L21.Temp. prom aire 0.005547 NAN NAN NAN

L22.Conduct -0.003987 NAN NAN NAN

L22.Water -0.003581 NAN NAN NAN

L22.Temp 0.007703 NAN NAN NAN

L22.Precip. horaria -0.000117 NAN NAN NAN

L22.Temp. prom aire -0.003072 0.000000 -16534552.580 0.000

L23.Conduct -0.001610 NAN NAN NAN

L23.Water 0.000434 NAN NAN NAN

L23.Temp 0.002158 NAN NAN NAN

L23.Precip. horaria 0.000192 NAN NAN NAN

L23.Temp. prom aire 0.006492 NAN NAN NAN

L24.Conduct 0.002224 NAN NAN NAN

L24.Water 0.002813 0.000000 48527244.516 0.000

L24.Temp -0.002231 NAN NAN NAN

L24.Precip. horaria -0.000106 0.000000 -17725.438 0.000

L24.Temp. prom aire -0.004065 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000156 NAN NAN NAN

L1.Conduct 0.013009 NAN NAN NAN

L1.Water 0.106021 NAN NAN NAN

L1.Temp 0.009106 NAN NAN NAN

L1.Precip. horaria -0.025535 NAN NAN NAN

L1.Temp. prom aire -0.196216 NAN NAN NAN

L2.Conduct 0.060085 0.000000 32811595.980 0.000

L2.Water 0.042544 NAN NAN NAN

L2.Temp -0.000302 NAN NAN NAN

L2.Precip. horaria 0.011238 NAN NAN NAN

L2.Temp. prom aire 0.092898 0.000000 23383218.613 0.000

L3.Conduct -0.106334 NAN NAN NAN

L3.Water -0.043371 NAN NAN NAN

L3.Temp 0.098946 0.000000 21099158.570 0.000

L3.Precip. horaria 0.004346 NAN NAN NAN

L3.Temp. prom aire -0.263575 0.000000 -62521978.450 0.000

L4.Conduct 0.112745 NAN NAN NAN

L4.Water -0.033303 NAN NAN NAN

L4.Temp -0.061755 NAN NAN NAN

L4.Precip. horaria 0.016332 NAN NAN NAN

L4.Temp. prom aire 0.138535 NAN NAN NAN

L5.Conduct -0.046007 NAN NAN NAN

L5.Water -0.033970 NAN NAN NAN

L5.Temp 0.084059 NAN NAN NAN

L5.Precip. horaria -0.011361 NAN NAN NAN

L5.Temp. prom aire 0.043071 NAN NAN NAN

L6.Conduct -0.052216 NAN NAN NAN

L6.Water -0.021988 NAN NAN NAN

L6.Temp 0.047643 0.000000 25425600.965 0.000

L6.Precip. horaria -0.002263 NAN NAN NAN

L6.Temp. prom aire 0.005764 NAN NAN NAN

L7.Conduct 0.052878 NAN NAN NAN

L7.Water 0.047454 NAN NAN NAN

L7.Temp 0.064320 NAN NAN NAN

L7.Precip. horaria -0.012064 NAN NAN NAN

L7.Temp. prom aire -0.064030 NAN NAN NAN

L8.Conduct 0.049279 NAN NAN NAN

L8.Water -0.047997 NAN NAN NAN

L8.Temp -0.090294 NAN NAN NAN

L8.Precip. horaria 0.011040 NAN NAN NAN

L8.Temp. prom aire -0.256373 NAN NAN NAN

L9.Conduct 0.008098 NAN NAN NAN

L9.Water -0.062558 0.000000 -30911304.583 0.000

L9.Temp 0.053612 0.000000 13552551.722 0.000

L9.Precip. horaria 0.000562 NAN NAN NAN

L9.Temp. prom aire 0.029315 NAN NAN NAN

L10.Conduct 0.152532 NAN NAN NAN

L10.Water -0.031457 NAN NAN NAN

L10.Temp -0.040767 0.000000 -26265793.255 0.000

L10.Precip. horaria 0.004686 NAN NAN NAN

L10.Temp. prom aire -0.058580 NAN NAN NAN

L11.Conduct -0.118806 NAN NAN NAN

L11.Water -0.103472 NAN NAN NAN

L11.Temp -0.080221 NAN NAN NAN

L11.Precip. horaria -0.007346 NAN NAN NAN

L11.Temp. prom aire -0.002481 NAN NAN NAN

L12.Conduct 0.122059 NAN NAN NAN

L12.Water 0.047560 NAN NAN NAN

L12.Temp 0.254563 0.000000 194450037.627 0.000

L12.Precip. horaria -0.001723 NAN NAN NAN

L12.Temp. prom aire 0.134910 NAN NAN NAN

L13.Conduct -0.067459 NAN NAN NAN

L13.Water -0.014833 NAN NAN NAN

L13.Temp -0.028808 NAN NAN NAN

L13.Precip. horaria -0.002121 NAN NAN NAN

L13.Temp. prom aire 0.356744 NAN NAN NAN

L14.Conduct 0.077706 NAN NAN NAN

L14.Water 0.076909 0.000000 12765890.622 0.000

L14.Temp -0.188646 NAN NAN NAN

L14.Precip. horaria 0.004663 NAN NAN NAN

L14.Temp. prom aire 0.064161 NAN NAN NAN

L15.Conduct 0.023061 NAN NAN NAN

L15.Water 0.010885 NAN NAN NAN

L15.Temp 0.105472 NAN NAN NAN

L15.Precip. horaria -0.000340 NAN NAN NAN

L15.Temp. prom aire 0.036092 NAN NAN NAN

L16.Conduct 0.039921 0.000000 8285158.774 0.000

L16.Water 0.125747 NAN NAN NAN

L16.Temp -0.072876 NAN NAN NAN

L16.Precip. horaria 0.003481 0.000002 2299.242 0.000

L16.Temp. prom aire -0.145527 NAN NAN NAN

L17.Conduct -0.038461 NAN NAN NAN

L17.Water -0.046502 NAN NAN NAN

L17.Temp 0.435303 NAN NAN NAN

L17.Precip. horaria -0.004897 0.000002 -3046.168 0.000

L17.Temp. prom aire -0.005438 NAN NAN NAN

L18.Conduct 0.068929 NAN NAN NAN

L18.Water 0.013317 NAN NAN NAN

L18.Temp 0.007019 0.000000 10559844.663 0.000

L18.Precip. horaria 0.001389 NAN NAN NAN

L18.Temp. prom aire 0.030730 NAN NAN NAN

L19.Conduct 0.016690 NAN NAN NAN

L19.Water -0.091232 NAN NAN NAN

L19.Temp -0.156527 NAN NAN NAN

L19.Precip. horaria -0.002133 NAN NAN NAN

L19.Temp. prom aire 0.155459 NAN NAN NAN

L20.Conduct -0.048605 0.000000 -17094590.099 0.000

L20.Water -0.036054 NAN NAN NAN

L20.Temp -0.047890 0.000000 -24700562.160 0.000

L20.Precip. horaria -0.004474 NAN NAN NAN

L20.Temp. prom aire -0.109662 0.000000 -25838315.625 0.000

L21.Conduct 0.034784 0.000000 5891583.972 0.000

L21.Water 0.054628 NAN NAN NAN

L21.Temp -0.103794 NAN NAN NAN

L21.Precip. horaria 0.000261 NAN NAN NAN

L21.Temp. prom aire -0.089838 NAN NAN NAN

L22.Conduct -0.071107 NAN NAN NAN

L22.Water -0.016607 NAN NAN NAN

L22.Temp 0.182648 NAN NAN NAN

L22.Precip. horaria 0.007770 NAN NAN NAN

L22.Temp. prom aire -0.371158 0.000000 -52927707.337 0.000

L23.Conduct 0.358125 NAN NAN NAN

L23.Water 0.123764 NAN NAN NAN

L23.Temp -0.030409 NAN NAN NAN

L23.Precip. horaria 0.008226 NAN NAN NAN

L23.Temp. prom aire 0.131602 NAN NAN NAN

L24.Conduct -0.066262 NAN NAN NAN

L24.Water -0.082803 0.000000 -37850786.258 0.000

L24.Temp -0.042139 NAN NAN NAN

L24.Precip. horaria -0.007581 0.000000 -33631.486 0.000

L24.Temp. prom aire -0.014495 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.719247 0.065756 -0.465619 0.243158

Water 0.719247 1.000000 -0.061901 -0.147163 0.307886

Temp 0.065756 -0.061901 1.000000 -0.474926 0.409483

Precip. horaria -0.465619 -0.147163 -0.474926 1.000000 -0.177183

Temp. prom aire 0.243158 0.307886 0.409483 -0.177183 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -260.120

Nobs: 47.0000 HQIC: -274.974

Log likelihood: 6944.05 FPE: -1.93988e-133

AIC: -283.936 Det(Omega\_mle): -3.32444e-136

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.013552 NAN NAN NAN

L1.Conduct 0.465524 0.000000 60218372.318 0.000

L1.Water -0.652581 0.000000 -3588520.070 0.000

L1.Temp -0.502084 0.000000 -4812229.363 0.000

L1.Precip. horaria 0.234856 0.000006 38181.113 0.000

L1.Temp. prom aire 0.562145 0.000000 3407084.381 0.000

L2.Conduct -0.318714 0.000000 -16050565.712 0.000

L2.Water -0.793188 0.000000 -7589431.182 0.000

L2.Temp 0.508056 0.000000 7858684.572 0.000

L2.Precip. horaria -0.084255 0.000008 -9942.522 0.000

L2.Temp. prom aire -0.659300 0.000000 -6610085.610 0.000

L3.Conduct 0.279812 0.000000 7552108.926 0.000

L3.Water -0.756789 0.000000 -11610453.444 0.000

L3.Temp -1.711194 NAN NAN NAN

L3.Precip. horaria -0.046557 0.000015 -3044.766 0.000

L3.Temp. prom aire 0.006610 NAN NAN NAN

L4.Conduct -0.233958 NAN NAN NAN

L4.Water -0.517851 0.000000 -7436917.137 0.000

L4.Temp -1.199587 NAN NAN NAN

L4.Precip. horaria -0.005251 0.000028 -185.451 0.000

L4.Temp. prom aire -0.978432 0.000000 -22803258.599 0.000

L5.Conduct 0.165373 0.000000 6921320.982 0.000

L5.Water 0.307046 0.000000 2413419.466 0.000

L5.Temp 0.255863 0.000000 1348332.550 0.000

L5.Precip. horaria 0.065359 0.000031 2112.517 0.000

L5.Temp. prom aire -1.264323 0.000000 -16641577.333 0.000

L6.Conduct 0.017547 0.000000 210912.387 0.000

L6.Water 0.549706 0.000000 3364278.433 0.000

L6.Temp -0.204648 0.000000 -2983763.195 0.000

L6.Precip. horaria 0.039461 0.000023 1730.282 0.000

L6.Temp. prom aire 0.273473 0.000000 2086333.575 0.000

L7.Conduct 0.046800 NAN NAN NAN

L7.Water 0.099067 NAN NAN NAN

L7.Temp -0.048550 NAN NAN NAN

L7.Precip. horaria 0.027494 NAN NAN NAN

L7.Temp. prom aire 0.450133 0.000000 4398527.962 0.000

L8.Conduct -0.030257 NAN NAN NAN

L8.Water -0.103472 0.000000 -625862.874 0.000

L8.Temp -0.395501 0.000000 -5833697.394 0.000

L8.Precip. horaria 0.003258 0.000012 264.143 0.000

L8.Temp. prom aire -0.674532 NAN NAN NAN

L9.Conduct -0.089391 NAN NAN NAN

L9.Water -0.334042 0.000000 -2870769.064 0.000

L9.Temp 0.614393 0.000000 3444866.445 0.000

L9.Precip. horaria -0.003532 0.000015 -239.830 0.000

L9.Temp. prom aire -1.241389 0.000000 -9434350.075 0.000

L10.Conduct -0.014476 NAN NAN NAN

L10.Water -0.363497 NAN NAN NAN

L10.Temp 0.016940 0.000000 162784.609 0.000

L10.Precip. horaria -0.032216 0.000010 -3311.573 0.000

L10.Temp. prom aire 1.720059 0.000000 21881269.676 0.000

L11.Conduct 0.308895 0.000000 42123256.459 0.000

L11.Water 0.508830 NAN NAN NAN

L11.Temp -0.418018 0.000000 -10942976.921 0.000

L11.Precip. horaria -0.032109 0.000010 -3346.864 0.000

L11.Temp. prom aire 1.934693 NAN NAN NAN

L12.Conduct -0.063983 0.000000 -1120521.756 0.000

L12.Water 0.084897 NAN NAN NAN

L12.Temp 0.282426 0.000000 1631643.284 0.000

L12.Precip. horaria -0.020819 0.000041 -504.456 0.000

L12.Temp. prom aire 4.003593 NAN NAN NAN

L13.Conduct -0.035268 0.000000 -542485.501 0.000

L13.Water -0.263987 NAN NAN NAN

L13.Temp 1.749134 0.000000 27102651.922 0.000

L13.Precip. horaria 0.008665 0.000053 163.220 0.000

L13.Temp. prom aire -2.279362 0.000000 -11262636.580 0.000

L14.Conduct -0.126981 NAN NAN NAN

L14.Water -0.523860 0.000000 -3905805.205 0.000

L14.Temp 0.058825 0.000000 402426.092 0.000

L14.Precip. horaria 0.030205 0.000024 1247.378 0.000

L14.Temp. prom aire 0.806697 NAN NAN NAN

L15.Conduct 0.152867 0.000000 7020479.794 0.000

L15.Water -0.023718 NAN NAN NAN

L15.Temp -0.257793 NAN NAN NAN

L15.Precip. horaria 0.044087 0.000013 3423.886 0.000

L15.Temp. prom aire -1.539726 0.000000 -13505248.120 0.000

L16.Conduct 0.245125 0.000000 5407022.197 0.000

L16.Water 0.541291 NAN NAN NAN

L16.Temp 0.533208 0.000000 3779368.473 0.000

L16.Precip. horaria -0.000985 0.000021 -47.865 0.000

L16.Temp. prom aire -0.173022 NAN NAN NAN

L17.Conduct -0.186204 NAN NAN NAN

L17.Water 1.096158 0.000000 10054463.544 0.000

L17.Temp -1.026398 NAN NAN NAN

L17.Precip. horaria 0.018782 0.000016 1158.998 0.000

L17.Temp. prom aire -0.064301 0.000000 -871797.523 0.000

L18.Conduct 0.005277 0.000000 188686.226 0.000

L18.Water 0.816840 0.000000 34771879.950 0.000

L18.Temp -1.633129 0.000000 -34961219.265 0.000

L18.Precip. horaria -0.035762 0.000031 -1168.492 0.000

L18.Temp. prom aire -1.267937 0.000000 -13815766.652 0.000

L19.Conduct -0.466992 NAN NAN NAN

L19.Water 0.864547 0.000000 5760349.894 0.000

L19.Temp -0.953293 0.000000 -12221883.895 0.000

L19.Precip. horaria -0.091135 0.000022 -4181.405 0.000

L19.Temp. prom aire -1.180008 NAN NAN NAN

L20.Conduct 0.231017 0.000000 7998876.173 0.000

L20.Water 0.593994 0.000000 4087638.911 0.000

L20.Temp 0.989876 NAN NAN NAN

L20.Precip. horaria 0.009452 0.000020 480.472 0.000

L20.Temp. prom aire -1.090667 NAN NAN NAN

L21.Conduct -0.083564 0.000000 -3739910.563 0.000

L21.Water -0.066290 NAN NAN NAN

L21.Temp 1.127914 NAN NAN NAN

L21.Precip. horaria 0.045206 0.000015 3063.649 0.000

L21.Temp. prom aire 2.357294 0.000000 25148645.817 0.000

L22.Conduct 0.095096 0.000000 9356384.755 0.000

L22.Water 1.514899 0.000000 59482380.127 0.000

L22.Temp -0.504654 NAN NAN NAN

L22.Precip. horaria 0.027317 NAN NAN NAN

L22.Temp. prom aire 0.331179 0.000000 1836371.349 0.000

L23.Conduct -0.751476 0.000000 -21722913.189 0.000

L23.Water -0.160809 NAN NAN NAN

L23.Temp 2.008922 0.000000 20777750.717 0.000

L23.Precip. horaria 0.006785 0.000009 794.452 0.000

L23.Temp. prom aire -0.205184 0.000000 -4547382.567 0.000

L24.Conduct 0.286985 0.000000 27670896.585 0.000

L24.Water 0.050351 0.000000 450927.733 0.000

L24.Temp 0.455928 0.000000 2599119.254 0.000

L24.Precip. horaria 0.026790 0.000008 3231.662 0.000

L24.Temp. prom aire 3.094498 0.000000 14472139.759 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.001134 NAN NAN NAN

L1.Conduct 0.037297 0.000000 25443563.853 0.000

L1.Water -0.034098 0.000000 -988859.912 0.000

L1.Temp -0.014227 0.000000 -719138.521 0.000

L1.Precip. horaria 0.019820 0.000001 16992.913 0.000

L1.Temp. prom aire 0.073402 0.000000 2346172.193 0.000

L2.Conduct -0.034786 0.000000 -9238730.084 0.000

L2.Water -0.064232 0.000000 -3241202.196 0.000

L2.Temp 0.074175 0.000000 6050855.946 0.000

L2.Precip. horaria -0.008113 0.000002 -5048.955 0.000

L2.Temp. prom aire -0.062859 0.000000 -3323600.974 0.000

L3.Conduct 0.083028 0.000000 11818061.279 0.000

L3.Water -0.068480 0.000000 -5540576.488 0.000

L3.Temp -0.110994 NAN NAN NAN

L3.Precip. horaria -0.005431 0.000003 -1873.202 0.000

L3.Temp. prom aire 0.010950 NAN NAN NAN

L4.Conduct -0.024927 NAN NAN NAN

L4.Water -0.042867 0.000000 -3246610.741 0.000

L4.Temp -0.074163 NAN NAN NAN

L4.Precip. horaria -0.000035 0.000005 -6.593 0.000

L4.Temp. prom aire -0.032291 0.000000 -3968871.393 0.000

L5.Conduct 0.017014 0.000000 3755366.694 0.000

L5.Water 0.030458 0.000000 1262570.459 0.000

L5.Temp 0.020037 0.000000 556864.394 0.000

L5.Precip. horaria 0.005607 0.000006 955.770 0.000

L5.Temp. prom aire -0.075811 0.000000 -5262448.471 0.000

L6.Conduct -0.026407 0.000000 -1673958.275 0.000

L6.Water 0.051990 0.000000 1678048.271 0.000

L6.Temp 0.004477 0.000000 344272.055 0.000

L6.Precip. horaria 0.003127 0.000004 723.075 0.000

L6.Temp. prom aire 0.022983 0.000000 924691.699 0.000

L7.Conduct 0.043778 NAN NAN NAN

L7.Water 0.011910 NAN NAN NAN

L7.Temp 0.025056 NAN NAN NAN

L7.Precip. horaria 0.001791 NAN NAN NAN

L7.Temp. prom aire 0.017402 0.000000 896759.008 0.000

L8.Conduct 0.022111 NAN NAN NAN

L8.Water -0.007759 0.000000 -247491.486 0.000

L8.Temp -0.018469 0.000000 -1436685.298 0.000

L8.Precip. horaria 0.001369 0.000002 585.449 0.000

L8.Temp. prom aire -0.085696 NAN NAN NAN

L9.Conduct 0.001569 NAN NAN NAN

L9.Water -0.045104 0.000000 -2044253.620 0.000

L9.Temp 0.056526 0.000000 1671451.376 0.000

L9.Precip. horaria 0.000748 0.000003 267.760 0.000

L9.Temp. prom aire -0.135974 0.000000 -5449780.426 0.000

L10.Conduct -0.015128 NAN NAN NAN

L10.Water -0.037715 NAN NAN NAN

L10.Temp -0.019562 0.000000 -991366.367 0.000

L10.Precip. horaria -0.002636 0.000002 -1429.083 0.000

L10.Temp. prom aire 0.122182 0.000000 8197027.075 0.000

L11.Conduct 0.039642 0.000000 28508973.946 0.000

L11.Water 0.049043 NAN NAN NAN

L11.Temp -0.030568 0.000000 -4220106.121 0.000

L11.Precip. horaria -0.003906 0.000002 -2146.885 0.000

L11.Temp. prom aire 0.159218 NAN NAN NAN

L12.Conduct 0.004563 0.000000 421473.808 0.000

L12.Water 0.019162 NAN NAN NAN

L12.Temp 0.034201 0.000000 1042017.133 0.000

L12.Precip. horaria -0.002330 0.000008 -297.775 0.000

L12.Temp. prom aire 0.372232 NAN NAN NAN

L13.Conduct 0.026627 0.000000 2159971.090 0.000

L13.Water -0.031552 NAN NAN NAN

L13.Temp 0.166087 0.000000 13571999.165 0.000

L13.Precip. horaria 0.000134 0.000010 13.344 0.000

L13.Temp. prom aire -0.176008 0.000000 -4586470.685 0.000

L14.Conduct -0.001464 NAN NAN NAN

L14.Water -0.083967 0.000000 -3301582.268 0.000

L14.Temp 0.031211 0.000000 1126029.570 0.000

L14.Precip. horaria 0.002810 0.000005 611.973 0.000

L14.Temp. prom aire 0.093120 NAN NAN NAN

L15.Conduct 0.035081 0.000000 8496646.935 0.000

L15.Water -0.035313 NAN NAN NAN

L15.Temp 0.002585 NAN NAN NAN

L15.Precip. horaria 0.003875 0.000002 1587.058 0.000

L15.Temp. prom aire -0.081508 0.000000 -3770330.988 0.000

L16.Conduct 0.027352 0.000000 3181856.477 0.000

L16.Water 0.034178 NAN NAN NAN

L16.Temp 0.086009 0.000000 3215042.347 0.000

L16.Precip. horaria 0.000313 0.000004 80.261 0.000

L16.Temp. prom aire 0.007718 NAN NAN NAN

L17.Conduct -0.051383 NAN NAN NAN

L17.Water 0.085421 0.000000 4132091.440 0.000

L17.Temp -0.053932 NAN NAN NAN

L17.Precip. horaria 0.002524 0.000003 821.388 0.000

L17.Temp. prom aire 0.026136 0.000000 1868748.621 0.000

L18.Conduct 0.003535 0.000000 666619.191 0.000

L18.Water 0.053418 0.000000 11992131.984 0.000

L18.Temp -0.132033 0.000000 -14906206.201 0.000

L18.Precip. horaria -0.002951 0.000006 -508.582 0.000

L18.Temp. prom aire -0.120318 0.000000 -6913950.644 0.000

L19.Conduct -0.028668 NAN NAN NAN

L19.Water 0.052790 0.000000 1854958.609 0.000

L19.Temp -0.099702 0.000000 -6741156.457 0.000

L19.Precip. horaria -0.008430 0.000004 -2039.727 0.000

L19.Temp. prom aire -0.089054 NAN NAN NAN

L20.Conduct 0.012079 0.000000 2205658.168 0.000

L20.Water 0.039272 0.000000 1425272.624 0.000

L20.Temp 0.080689 NAN NAN NAN

L20.Precip. horaria -0.000984 0.000004 -263.775 0.000

L20.Temp. prom aire -0.102098 NAN NAN NAN

L21.Conduct -0.035278 0.000000 -8326603.735 0.000

L21.Water -0.015089 NAN NAN NAN

L21.Temp 0.091678 NAN NAN NAN

L21.Precip. horaria 0.003318 0.000003 1185.948 0.000

L21.Temp. prom aire 0.185180 0.000000 10418726.839 0.000

L22.Conduct -0.009233 0.000000 -4790845.837 0.000

L22.Water 0.131474 0.000000 27224762.614 0.000

L22.Temp -0.010612 NAN NAN NAN

L22.Precip. horaria 0.004314 NAN NAN NAN

L22.Temp. prom aire -0.008832 0.000000 -258267.022 0.000

L23.Conduct -0.068317 0.000000 -10414788.964 0.000

L23.Water -0.027125 NAN NAN NAN

L23.Temp 0.178510 0.000000 9736833.717 0.000

L23.Precip. horaria 0.001140 0.000002 704.092 0.000

L23.Temp. prom aire -0.002804 0.000000 -327749.344 0.000

L24.Conduct 0.022881 0.000000 11634798.961 0.000

L24.Water -0.040811 0.000000 -1927521.630 0.000

L24.Temp 0.037448 0.000000 1125831.162 0.000

L24.Precip. horaria 0.001742 0.000002 1108.255 0.000

L24.Temp. prom aire 0.299554 0.000000 7388170.157 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000465 NAN NAN NAN

L1.Conduct 0.012601 0.000000 7280236.140 0.000

L1.Water 0.034574 0.000000 849160.823 0.000

L1.Temp 0.083682 0.000000 3582249.850 0.000

L1.Precip. horaria -0.011665 0.000001 -8469.778 0.000

L1.Temp. prom aire 0.052123 0.000000 1410982.194 0.000

L2.Conduct 0.024644 0.000000 5543167.963 0.000

L2.Water 0.011463 0.000000 489891.446 0.000

L2.Temp 0.004279 0.000000 295626.506 0.000

L2.Precip. horaria 0.003858 0.000002 2033.153 0.000

L2.Temp. prom aire -0.021502 0.000000 -962864.043 0.000

L3.Conduct 0.022374 0.000000 2697143.485 0.000

L3.Water 0.017285 0.000000 1184372.461 0.000

L3.Temp 0.199781 NAN NAN NAN

L3.Precip. horaria 0.001474 0.000003 430.470 0.000

L3.Temp. prom aire 0.015500 NAN NAN NAN

L4.Conduct 0.004965 NAN NAN NAN

L4.Water 0.023146 0.000000 1484656.404 0.000

L4.Temp 0.113664 NAN NAN NAN

L4.Precip. horaria 0.002879 0.000006 454.139 0.000

L4.Temp. prom aire 0.076875 0.000000 8002099.375 0.000

L5.Conduct 0.009829 0.000000 1837379.967 0.000

L5.Water -0.043716 0.000000 -1534714.508 0.000

L5.Temp -0.041322 0.000000 -972583.169 0.000

L5.Precip. horaria -0.005986 0.000007 -864.184 0.000

L5.Temp. prom aire 0.043288 0.000000 2544807.824 0.000

L6.Conduct -0.041828 0.000000 -2245537.251 0.000

L6.Water -0.060096 0.000000 -1642721.338 0.000

L6.Temp 0.037425 0.000000 2437103.488 0.000

L6.Precip. horaria -0.004158 0.000005 -814.369 0.000

L6.Temp. prom aire -0.097675 0.000000 -3328187.269 0.000

L7.Conduct 0.064138 NAN NAN NAN

L7.Water -0.011089 NAN NAN NAN

L7.Temp 0.089631 NAN NAN NAN

L7.Precip. horaria -0.003024 NAN NAN NAN

L7.Temp. prom aire 0.018906 0.000000 825121.095 0.000

L8.Conduct -0.024014 NAN NAN NAN

L8.Water -0.036164 0.000000 -976980.032 0.000

L8.Temp 0.031175 0.000000 2053810.101 0.000

L8.Precip. horaria 0.000763 0.000003 276.283 0.000

L8.Temp. prom aire 0.031440 NAN NAN NAN

L9.Conduct 0.050810 NAN NAN NAN

L9.Water 0.003171 0.000000 121708.043 0.000

L9.Temp -0.100377 0.000000 -2513699.632 0.000

L9.Precip. horaria 0.000067 0.000003 20.280 0.000

L9.Temp. prom aire -0.007410 0.000000 -251521.522 0.000

L10.Conduct -0.014604 NAN NAN NAN

L10.Water 0.003198 NAN NAN NAN

L10.Temp 0.098087 0.000000 4209804.528 0.000

L10.Precip. horaria 0.000903 0.000002 414.536 0.000

L10.Temp. prom aire -0.053445 0.000000 -3036631.580 0.000

L11.Conduct 0.023265 0.000000 14170066.215 0.000

L11.Water -0.024819 NAN NAN NAN

L11.Temp 0.043887 0.000000 5131378.745 0.000

L11.Precip. horaria 0.001107 0.000002 515.583 0.000

L11.Temp. prom aire -0.032436 NAN NAN NAN

L12.Conduct -0.023375 0.000000 -1828387.062 0.000

L12.Water -0.029043 NAN NAN NAN

L12.Temp 0.055731 0.000000 1438049.824 0.000

L12.Precip. horaria 0.000979 0.000009 105.898 0.000

L12.Temp. prom aire -0.070826 NAN NAN NAN

L13.Conduct 0.038158 0.000000 2621445.752 0.000

L13.Water -0.015420 NAN NAN NAN

L13.Temp -0.073279 0.000000 -5071319.224 0.000

L13.Precip. horaria 0.000502 0.000012 42.216 0.000

L13.Temp. prom aire 0.120233 0.000000 2653423.949 0.000

L14.Conduct -0.025308 NAN NAN NAN

L14.Water 0.005499 0.000000 183120.575 0.000

L14.Temp 0.038235 0.000000 1168278.200 0.000

L14.Precip. horaria -0.003073 0.000005 -566.895 0.000

L14.Temp. prom aire -0.010257 NAN NAN NAN

L15.Conduct 0.027824 0.000000 5707189.576 0.000

L15.Water 0.011575 NAN NAN NAN

L15.Temp 0.082586 NAN NAN NAN

L15.Precip. horaria -0.002973 0.000003 -1031.060 0.000

L15.Temp. prom aire 0.124561 0.000000 4879727.601 0.000

L16.Conduct -0.030971 0.000000 -3051248.686 0.000

L16.Water 0.002124 NAN NAN NAN

L16.Temp -0.007967 0.000000 -252220.637 0.000

L16.Precip. horaria 0.002230 0.000005 483.970 0.000

L16.Temp. prom aire 0.044651 NAN NAN NAN

L17.Conduct 0.028252 NAN NAN NAN

L17.Water -0.071992 0.000000 -2949333.769 0.000

L17.Temp 0.102481 NAN NAN NAN

L17.Precip. horaria -0.002610 0.000004 -719.411 0.000

L17.Temp. prom aire -0.030412 0.000000 -1841599.763 0.000

L18.Conduct -0.001060 0.000000 -169231.559 0.000

L18.Water -0.090375 0.000000 -17182768.792 0.000

L18.Temp 0.061392 0.000000 5869971.898 0.000

L18.Precip. horaria 0.002325 0.000007 339.254 0.000

L18.Temp. prom aire 0.063441 0.000000 3087473.445 0.000

L19.Conduct 0.035306 NAN NAN NAN

L19.Water -0.057558 0.000000 -1712856.452 0.000

L19.Temp 0.001181 0.000000 67605.066 0.000

L19.Precip. horaria 0.004335 0.000005 888.324 0.000

L19.Temp. prom aire 0.029193 NAN NAN NAN

L20.Conduct -0.036631 0.000000 -5664820.042 0.000

L20.Water 0.019784 0.000000 608079.668 0.000

L20.Temp -0.145537 NAN NAN NAN

L20.Precip. horaria -0.000790 0.000004 -179.459 0.000

L20.Temp. prom aire 0.034545 NAN NAN NAN

L21.Conduct 0.014832 0.000000 2964919.795 0.000

L21.Water 0.083229 NAN NAN NAN

L21.Temp -0.073677 NAN NAN NAN

L21.Precip. horaria -0.000224 0.000003 -67.688 0.000

L21.Temp. prom aire -0.191952 0.000000 -9146355.990 0.000

L22.Conduct -0.024472 0.000000 -10753905.914 0.000

L22.Water -0.147189 0.000000 -25812821.033 0.000

L22.Temp -0.080890 NAN NAN NAN

L22.Precip. horaria 0.000356 NAN NAN NAN

L22.Temp. prom aire -0.104677 0.000000 -2592420.563 0.000

L23.Conduct 0.168450 0.000000 21748531.544 0.000

L23.Water -0.000025 NAN NAN NAN

L23.Temp -0.091746 0.000000 -4238146.703 0.000

L23.Precip. horaria 0.000617 0.000002 322.454 0.000

L23.Temp. prom aire -0.001376 0.000000 -136226.553 0.000

L24.Conduct -0.020892 0.000000 -8996861.211 0.000

L24.Water 0.042673 0.000000 1706920.641 0.000

L24.Temp -0.099215 0.000000 -2526167.892 0.000

L24.Precip. horaria -0.009844 0.000002 -5303.742 0.000

L24.Temp. prom aire -0.044976 0.000000 -939463.600 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const -0.000010 NAN NAN NAN

L1.Conduct -0.001209 0.000000 -48165250.848 0.000

L1.Water 0.000655 0.000000 1108929.808 0.000

L1.Temp -0.000170 0.000000 -500461.338 0.000

L1.Precip. horaria -0.000562 0.000000 -28137.961 0.000

L1.Temp. prom aire -0.004043 0.000000 -7546447.892 0.000

L2.Conduct -0.000389 0.000000 -6028371.015 0.000

L2.Water 0.000743 0.000000 2188962.316 0.000

L2.Temp -0.004965 0.000000 -23653149.166 0.000

L2.Precip. horaria -0.000015 0.000000 -528.788 0.000

L2.Temp. prom aire -0.000198 0.000000 -611931.466 0.000

L3.Conduct 0.000942 0.000000 7829685.635 0.000

L3.Water -0.000702 0.000000 -3316259.522 0.000

L3.Temp 0.000340 NAN NAN NAN

L3.Precip. horaria -0.000182 0.000000 -3670.994 0.000

L3.Temp. prom aire -0.003067 NAN NAN NAN

L4.Conduct 0.000493 NAN NAN NAN

L4.Water 0.001379 0.000000 6100237.010 0.000

L4.Temp 0.002513 NAN NAN NAN

L4.Precip. horaria 0.000164 0.000000 1779.597 0.000

L4.Temp. prom aire -0.001829 0.000000 -13127166.751 0.000

L5.Conduct 0.000596 0.000000 7688336.363 0.000

L5.Water 0.000167 0.000000 403109.130 0.000

L5.Temp -0.002533 0.000000 -4111115.363 0.000

L5.Precip. horaria -0.000047 0.000000 -467.851 0.000

L5.Temp. prom aire 0.006232 0.000000 25265358.287 0.000

L6.Conduct -0.001683 0.000000 -6231310.730 0.000

L6.Water 0.001222 0.000000 2302955.036 0.000

L6.Temp -0.000531 0.000000 -2385610.535 0.000

L6.Precip. horaria 0.000097 0.000000 1304.257 0.000

L6.Temp. prom aire 0.003805 0.000000 8940421.095 0.000

L7.Conduct 0.004393 NAN NAN NAN

L7.Water 0.001070 NAN NAN NAN

L7.Temp -0.000191 NAN NAN NAN

L7.Precip. horaria -0.000107 NAN NAN NAN

L7.Temp. prom aire -0.001351 0.000000 -4066593.783 0.000

L8.Conduct -0.004947 NAN NAN NAN

L8.Water 0.000573 0.000000 1068032.216 0.000

L8.Temp 0.004296 0.000000 19514370.771 0.000

L8.Precip. horaria 0.000148 0.000000 3702.747 0.000

L8.Temp. prom aire -0.005552 NAN NAN NAN

L9.Conduct 0.000691 NAN NAN NAN

L9.Water -0.002021 0.000000 -5348381.618 0.000

L9.Temp -0.000573 0.000000 -990175.525 0.000

L9.Precip. horaria -0.000000 0.000000 -9.530 0.000

L9.Temp. prom aire 0.002687 0.000000 6290005.810 0.000

L10.Conduct 0.000117 NAN NAN NAN

L10.Water 0.000940 NAN NAN NAN

L10.Temp -0.003651 0.000000 -10806430.167 0.000

L10.Precip. horaria 0.000068 0.000000 2167.782 0.000

L10.Temp. prom aire -0.001835 0.000000 -7189691.538 0.000

L11.Conduct 0.001667 0.000000 69995677.817 0.000

L11.Water -0.000341 NAN NAN NAN

L11.Temp -0.000839 0.000000 -6766325.483 0.000

L11.Precip. horaria -0.000094 0.000000 -3020.013 0.000

L11.Temp. prom aire 0.008259 NAN NAN NAN

L12.Conduct -0.002447 0.000000 -13201060.583 0.000

L12.Water 0.002214 NAN NAN NAN

L12.Temp 0.002684 0.000000 4776207.317 0.000

L12.Precip. horaria 0.000010 0.000000 76.940 0.000

L12.Temp. prom aire -0.012762 NAN NAN NAN

L13.Conduct 0.000504 0.000000 2386624.160 0.000

L13.Water 0.000396 NAN NAN NAN

L13.Temp -0.002743 0.000000 -13090112.206 0.000

L13.Precip. horaria -0.000069 0.000000 -398.533 0.000

L13.Temp. prom aire 0.005181 0.000000 7884471.663 0.000

L14.Conduct -0.000056 NAN NAN NAN

L14.Water -0.001350 0.000000 -3099688.759 0.000

L14.Temp -0.000562 0.000000 -1185013.551 0.000

L14.Precip. horaria 0.000080 0.000000 1011.715 0.000

L14.Temp. prom aire -0.006460 NAN NAN NAN

L15.Conduct 0.005360 0.000000 75821811.130 0.000

L15.Water -0.002467 NAN NAN NAN

L15.Temp 0.003443 NAN NAN NAN

L15.Precip. horaria -0.000039 0.000000 -940.567 0.000

L15.Temp. prom aire 0.004690 0.000000 12669958.937 0.000

L16.Conduct -0.000335 0.000000 -2272766.176 0.000

L16.Water -0.000533 NAN NAN NAN

L16.Temp -0.001744 0.000000 -3807102.574 0.000

L16.Precip. horaria 0.000084 0.000000 1261.292 0.000

L16.Temp. prom aire 0.002861 NAN NAN NAN

L17.Conduct -0.003631 NAN NAN NAN

L17.Water -0.000187 0.000000 -527415.706 0.000

L17.Temp -0.001822 NAN NAN NAN

L17.Precip. horaria -0.000010 0.000000 -194.356 0.000

L17.Temp. prom aire 0.000144 0.000000 600383.364 0.000

L18.Conduct -0.001981 0.000000 -21811750.864 0.000

L18.Water 0.000591 0.000000 7747884.834 0.000

L18.Temp 0.000426 0.000000 2807640.353 0.000

L18.Precip. horaria -0.000070 0.000000 -708.167 0.000

L18.Temp. prom aire -0.004990 0.000000 -16745921.428 0.000

L19.Conduct 0.000917 NAN NAN NAN

L19.Water -0.001084 0.000000 -2224283.122 0.000

L19.Temp 0.002035 0.000000 8035684.050 0.000

L19.Precip. horaria 0.000157 0.000000 2219.268 0.000

L19.Temp. prom aire 0.001230 NAN NAN NAN

L20.Conduct -0.000001 0.000000 -6482.137 0.000

L20.Water -0.002961 0.000000 -6276510.925 0.000

L20.Temp 0.000962 NAN NAN NAN

L20.Precip. horaria -0.000143 0.000000 -2234.648 0.000

L20.Temp. prom aire 0.006782 NAN NAN NAN

L21.Conduct 0.001371 0.000000 18893296.036 0.000

L21.Water 0.000916 NAN NAN NAN

L21.Temp -0.007092 NAN NAN NAN

L21.Precip. horaria -0.000157 0.000000 -3267.000 0.000

L21.Temp. prom aire -0.002450 0.000000 -8051650.609 0.000

L22.Conduct -0.000917 0.000000 -27784372.100 0.000

L22.Water -0.003018 0.000000 -36493244.517 0.000

L22.Temp 0.010423 NAN NAN NAN

L22.Precip. horaria 0.000083 NAN NAN NAN

L22.Temp. prom aire -0.007430 0.000000 -12689146.354 0.000

L23.Conduct 0.003834 0.000000 34132288.884 0.000

L23.Water 0.001034 NAN NAN NAN

L23.Temp 0.001312 0.000000 4180072.603 0.000

L23.Precip. horaria 0.000181 0.000000 6531.618 0.000

L23.Temp. prom aire 0.011787 0.000000 80455731.749 0.000

L24.Conduct -0.001359 0.000000 -40364769.522 0.000

L24.Water 0.002963 0.000000 8172240.194 0.000

L24.Temp -0.001533 0.000000 -2691515.654 0.000

L24.Precip. horaria -0.000065 0.000000 -2397.363 0.000

L24.Temp. prom aire -0.006480 0.000000 -9334338.765 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const -0.000453 NAN NAN NAN

L1.Conduct 0.056485 0.000000 99844919.577 0.000

L1.Water 0.053347 0.000000 4008626.010 0.000

L1.Temp 0.062952 0.000000 8244862.910 0.000

L1.Precip. horaria -0.013023 0.000000 -28931.338 0.000

L1.Temp. prom aire -0.320326 0.000000 -26529724.362 0.000

L2.Conduct 0.016943 0.000000 11659398.850 0.000

L2.Water -0.036952 0.000000 -4831487.177 0.000

L2.Temp 0.112884 0.000000 23860314.713 0.000

L2.Precip. horaria 0.003781 0.000001 6097.426 0.000

L2.Temp. prom aire 0.049126 0.000000 6730400.391 0.000

L3.Conduct 0.019087 0.000000 7039435.886 0.000

L3.Water -0.074180 0.000000 -15551347.027 0.000

L3.Temp 0.355741 NAN NAN NAN

L3.Precip. horaria -0.001186 0.000001 -1059.887 0.000

L3.Temp. prom aire -0.089033 NAN NAN NAN

L4.Conduct -0.018265 NAN NAN NAN

L4.Water -0.015116 0.000000 -2966418.997 0.000

L4.Temp -0.041845 NAN NAN NAN

L4.Precip. horaria 0.008844 0.000002 4268.404 0.000

L4.Temp. prom aire 0.181482 0.000000 57797220.139 0.000

L5.Conduct 0.010902 0.000000 6234898.965 0.000

L5.Water -0.041365 0.000000 -4442931.320 0.000

L5.Temp -0.031225 0.000000 -2248529.702 0.000

L5.Precip. horaria -0.006094 0.000002 -2691.677 0.000

L5.Temp. prom aire 0.103153 0.000000 18553462.785 0.000

L6.Conduct -0.081423 0.000000 -13373855.623 0.000

L6.Water 0.035274 0.000000 2950002.063 0.000

L6.Temp -0.062261 0.000000 -12404548.665 0.000

L6.Precip. horaria -0.000745 0.000002 -446.372 0.000

L6.Temp. prom aire -0.136493 0.000000 -14229373.584 0.000

L7.Conduct 0.083251 NAN NAN NAN

L7.Water 0.029929 NAN NAN NAN

L7.Temp 0.023935 NAN NAN NAN

L7.Precip. horaria -0.006837 NAN NAN NAN

L7.Temp. prom aire -0.165370 0.000000 -22081573.951 0.000

L8.Conduct -0.021664 NAN NAN NAN

L8.Water 0.023121 0.000000 1911026.713 0.000

L8.Temp -0.116040 0.000000 -23388823.396 0.000

L8.Precip. horaria 0.001813 0.000001 2009.326 0.000

L8.Temp. prom aire -0.295638 NAN NAN NAN

L9.Conduct 0.040889 NAN NAN NAN

L9.Water -0.069203 0.000000 -8126903.977 0.000

L9.Temp 0.150997 0.000000 11569111.905 0.000

L9.Precip. horaria -0.001247 0.000001 -1156.602 0.000

L9.Temp. prom aire 0.134842 0.000000 14003466.995 0.000

L10.Conduct 0.004235 NAN NAN NAN

L10.Water 0.003327 NAN NAN NAN

L10.Temp 0.012723 0.000000 1670716.221 0.000

L10.Precip. horaria 0.004221 0.000001 5929.458 0.000

L10.Temp. prom aire 0.132591 0.000000 23048872.245 0.000

L11.Conduct -0.028778 0.000000 -53626146.023 0.000

L11.Water -0.106393 NAN NAN NAN

L11.Temp -0.076487 0.000000 -27361331.023 0.000

L11.Precip. horaria -0.001345 0.000001 -1916.261 0.000

L11.Temp. prom aire -0.108233 NAN NAN NAN

L12.Conduct 0.014369 0.000000 3438636.262 0.000

L12.Water 0.043271 NAN NAN NAN

L12.Temp 0.203761 0.000000 16086041.219 0.000

L12.Precip. horaria 0.001935 0.000003 640.748 0.000

L12.Temp. prom aire 0.075784 NAN NAN NAN

L13.Conduct 0.030753 0.000000 6463935.240 0.000

L13.Water -0.031709 NAN NAN NAN

L13.Temp -0.094388 0.000000 -19985383.704 0.000

L13.Precip. horaria -0.002306 0.000004 -593.537 0.000

L13.Temp. prom aire 0.112427 0.000000 7591089.272 0.000

L14.Conduct -0.024823 NAN NAN NAN

L14.Water 0.038196 0.000000 3891499.112 0.000

L14.Temp -0.203091 0.000000 -18985562.108 0.000

L14.Precip. horaria -0.000936 0.000002 -528.356 0.000

L14.Temp. prom aire -0.012791 NAN NAN NAN

L15.Conduct 0.067564 0.000000 42400428.518 0.000

L15.Water -0.066116 NAN NAN NAN

L15.Temp 0.101246 NAN NAN NAN

L15.Precip. horaria -0.003217 0.000001 -3413.849 0.000

L15.Temp. prom aire 0.035018 0.000000 4197163.804 0.000

L16.Conduct -0.058937 0.000000 -17764933.434 0.000

L16.Water 0.072380 NAN NAN NAN

L16.Temp -0.098440 0.000000 -9534530.053 0.000

L16.Precip. horaria 0.004831 0.000002 3207.193 0.000

L16.Temp. prom aire -0.065098 NAN NAN NAN

L17.Conduct 0.041632 NAN NAN NAN

L17.Water -0.114106 0.000000 -14302058.896 0.000

L17.Temp 0.492552 NAN NAN NAN

L17.Precip. horaria -0.003552 0.000001 -2995.243 0.000

L17.Temp. prom aire -0.002476 0.000000 -458750.712 0.000

L18.Conduct 0.009240 0.000000 4514706.950 0.000

L18.Water 0.006481 0.000000 3770179.790 0.000

L18.Temp -0.032957 0.000000 -9640946.649 0.000

L18.Precip. horaria 0.003787 0.000002 1690.893 0.000

L18.Temp. prom aire 0.135358 0.000000 20154246.174 0.000

L19.Conduct 0.018713 NAN NAN NAN

L19.Water -0.007530 0.000000 -685563.039 0.000

L19.Temp 0.043072 0.000000 7545979.626 0.000

L19.Precip. horaria 0.002632 0.000002 1649.993 0.000

L19.Temp. prom aire 0.077261 NAN NAN NAN

L20.Conduct -0.038656 0.000000 -18289591.493 0.000

L20.Water 0.053418 0.000000 5023254.986 0.000

L20.Temp -0.171200 NAN NAN NAN

L20.Precip. horaria -0.007509 0.000001 -5215.881 0.000

L20.Temp. prom aire 0.083854 NAN NAN NAN

L21.Conduct 0.006837 0.000000 4181065.452 0.000

L21.Water 0.114556 NAN NAN NAN

L21.Temp -0.102045 NAN NAN NAN

L21.Precip. horaria -0.002426 0.000001 -2246.491 0.000

L21.Temp. prom aire 0.004511 0.000000 657654.721 0.000

L22.Conduct -0.029794 0.000000 -40057519.692 0.000

L22.Water -0.139331 0.000000 -74758251.612 0.000

L22.Temp 0.023574 NAN NAN NAN

L22.Precip. horaria 0.004356 NAN NAN NAN

L22.Temp. prom aire -0.468677 0.000000 -35512200.859 0.000

L23.Conduct 0.231913 0.000000 91608368.728 0.000

L23.Water -0.032912 NAN NAN NAN

L23.Temp 0.018298 0.000000 2586116.141 0.000

L23.Precip. horaria 0.008632 0.000001 13811.726 0.000

L23.Temp. prom aire 0.204727 0.000000 62001024.196 0.000

L24.Conduct -0.105404 0.000000 -138876725.663 0.000

L24.Water -0.086204 0.000000 -10549589.458 0.000

L24.Temp -0.057040 0.000000 -4443401.108 0.000

L24.Precip. horaria -0.010585 0.000001 -17449.025 0.000

L24.Temp. prom aire -0.157126 0.000000 -10041487.620 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.815723 -0.616125 0.333159 -0.294436

Water 0.815723 1.000000 -0.712765 0.667796 -0.131363

Temp -0.616125 -0.712765 1.000000 -0.304514 0.517650

Precip. horaria 0.333159 0.667796 -0.304514 1.000000 0.281392

Temp. prom aire -0.294436 -0.131363 0.517650 0.281392 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -273.236

Nobs: 47.0000 HQIC: -288.090

Log likelihood: 7252.27 FPE: -3.90422e-139

AIC: -297.052 Det(Omega\_mle): -6.69079e-142

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Results for equation Conduct

===============================================================

coefficient std. error t-stat prob

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const 0.003337 0.000000 68492.307 0.000

L1.Conduct 0.309377 NAN NAN NAN

L1.Water 0.053601 NAN NAN NAN

L1.Temp -0.073189 NAN NAN NAN

L1.Precip. horaria 0.048328 0.000000 204244.189 0.000

L1.Temp. prom aire 0.183032 0.000000 53502927.257 0.000

L2.Conduct -0.273704 0.000000 -41937620.262 0.000

L2.Water 0.093130 NAN NAN NAN

L2.Temp 0.428682 NAN NAN NAN

L2.Precip. horaria -0.015653 NAN NAN NAN

L2.Temp. prom aire 0.152187 0.000000 1151537014.259 0.000

L3.Conduct 0.265524 NAN NAN NAN

L3.Water 0.158719 NAN NAN NAN

L3.Temp -0.339075 NAN NAN NAN

L3.Precip. horaria -0.032163 NAN NAN NAN

L3.Temp. prom aire 0.117052 NAN NAN NAN

L4.Conduct -0.200352 0.000000 -36068402.197 0.000

L4.Water -0.107991 NAN NAN NAN

L4.Temp -0.414588 0.000000 -240749933.840 0.000

L4.Precip. horaria 0.018389 NAN NAN NAN

L4.Temp. prom aire 0.004219 NAN NAN NAN

L5.Conduct 0.125183 NAN NAN NAN

L5.Water -0.091502 NAN NAN NAN

L5.Temp -0.237638 0.000000 -169391419.817 0.000

L5.Precip. horaria 0.015530 0.000001 23079.630 0.000

L5.Temp. prom aire -0.302197 0.000000 -159607768.246 0.000

L6.Conduct -0.192085 0.000000 -193210104.497 0.000

L6.Water -0.188444 NAN NAN NAN

L6.Temp -0.278095 NAN NAN NAN

L6.Precip. horaria 0.021241 0.000000 54584.034 0.000

L6.Temp. prom aire 0.000604 0.000000 406134.612 0.000

L7.Conduct -0.088040 NAN NAN NAN

L7.Water -0.115705 0.000000 -21498134.210 0.000

L7.Temp 0.030172 0.000000 54703695.332 0.000

L7.Precip. horaria -0.006809 NAN NAN NAN

L7.Temp. prom aire -0.132842 0.000000 -22451638.159 0.000

L8.Conduct -0.010638 NAN NAN NAN

L8.Water 0.086902 NAN NAN NAN

L8.Temp 0.023078 NAN NAN NAN

L8.Precip. horaria -0.012936 NAN NAN NAN

L8.Temp. prom aire -0.229451 0.000000 -96296778.479 0.000

L9.Conduct -0.026139 NAN NAN NAN

L9.Water -0.006718 0.000000 -1958672.400 0.000

L9.Temp 0.268918 NAN NAN NAN

L9.Precip. horaria -0.011351 NAN NAN NAN

L9.Temp. prom aire -0.135714 0.000000 -41297502.041 0.000

L10.Conduct 0.063227 NAN NAN NAN

L10.Water -0.083531 0.000000 -8402375.131 0.000

L10.Temp 0.227375 NAN NAN NAN

L10.Precip. horaria -0.004539 NAN NAN NAN

L10.Temp. prom aire 0.508316 0.000000 266917569.786 0.000

L11.Conduct 0.257047 NAN NAN NAN

L11.Water -0.096802 NAN NAN NAN

L11.Temp -0.019929 0.000000 -10034361.955 0.000

L11.Precip. horaria 0.008815 NAN NAN NAN

L11.Temp. prom aire 0.360718 NAN NAN NAN

L12.Conduct -0.020333 NAN NAN NAN

L12.Water -0.225793 NAN NAN NAN

L12.Temp -0.021215 0.000000 -11618678.730 0.000

L12.Precip. horaria 0.006749 0.000001 9796.281 0.000

L12.Temp. prom aire 0.513797 NAN NAN NAN

L13.Conduct -0.039947 NAN NAN NAN

L13.Water -0.155562 0.000000 -23387026.344 0.000

L13.Temp 0.301053 NAN NAN NAN

L13.Precip. horaria 0.000509 0.000000 2579.122 0.000

L13.Temp. prom aire -0.480797 NAN NAN NAN

L14.Conduct -0.331653 NAN NAN NAN

L14.Water -0.135263 NAN NAN NAN

L14.Temp -0.284203 NAN NAN NAN

L14.Precip. horaria -0.004632 NAN NAN NAN

L14.Temp. prom aire 0.111786 NAN NAN NAN

L15.Conduct 0.076693 0.000000 17223251.905 0.000

L15.Water 0.052063 NAN NAN NAN

L15.Temp -0.471544 NAN NAN NAN

L15.Precip. horaria -0.003332 0.000000 -6799.109 0.000

L15.Temp. prom aire 0.122183 NAN NAN NAN

L16.Conduct 0.133246 0.000000 34249186.989 0.000

L16.Water -0.024375 0.000000 -4451155.516 0.000

L16.Temp 0.013968 NAN NAN NAN

L16.Precip. horaria -0.004001 NAN NAN NAN

L16.Temp. prom aire -0.348065 NAN NAN NAN

L17.Conduct 0.145907 NAN NAN NAN

L17.Water -0.019631 NAN NAN NAN

L17.Temp -0.201745 0.000000 -601186709.092 0.000

L17.Precip. horaria 0.009010 NAN NAN NAN

L17.Temp. prom aire 0.010367 0.000000 2889131.692 0.000

L18.Conduct 0.201506 0.000000 29631871.366 0.000

L18.Water -0.048384 NAN NAN NAN

L18.Temp -0.191930 NAN NAN NAN

L18.Precip. horaria -0.002519 NAN NAN NAN

L18.Temp. prom aire -0.626453 NAN NAN NAN

L19.Conduct 0.032512 NAN NAN NAN

L19.Water 0.126256 NAN NAN NAN

L19.Temp -0.101255 0.000000 -32136863.192 0.000

L19.Precip. horaria -0.005457 0.000001 -8555.320 0.000

L19.Temp. prom aire -0.109616 NAN NAN NAN

L20.Conduct 0.064525 NAN NAN NAN

L20.Water 0.214228 0.000000 33740646.989 0.000

L20.Temp 0.195216 NAN NAN NAN

L20.Precip. horaria 0.004669 NAN NAN NAN

L20.Temp. prom aire -0.148246 NAN NAN NAN

L21.Conduct -0.151120 NAN NAN NAN

L21.Water 0.005122 NAN NAN NAN

L21.Temp 0.115965 NAN NAN NAN

L21.Precip. horaria 0.004463 0.000001 6866.807 0.000

L21.Temp. prom aire 0.594919 0.000000 94688840.341 0.000

L22.Conduct -0.197102 0.000000 -25090734.363 0.000

L22.Water 0.121119 NAN NAN NAN

L22.Temp -0.216856 0.000000 -73141679.181 0.000

L22.Precip. horaria -0.011933 NAN NAN NAN

L22.Temp. prom aire -0.025375 0.000000 -7803870.553 0.000

L23.Conduct -0.082605 NAN NAN NAN

L23.Water -0.264613 0.000000 -38381806.224 0.000

L23.Temp 0.548223 0.000000 261974512.502 0.000

L23.Precip. horaria -0.013918 0.000000 -54119.875 0.000

L23.Temp. prom aire 0.011334 0.000000 5565723.682 0.000

L24.Conduct 0.316772 NAN NAN NAN

L24.Water 0.176154 NAN NAN NAN

L24.Temp 0.675355 0.000000 217208194.821 0.000

L24.Precip. horaria -0.001509 NAN NAN NAN

L24.Temp. prom aire 0.762082 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.001599 0.000000 51935.148 0.000

L1.Conduct 0.030135 NAN NAN NAN

L1.Water 0.064993 NAN NAN NAN

L1.Temp -0.048850 NAN NAN NAN

L1.Precip. horaria 0.015893 0.000000 106294.608 0.000

L1.Temp. prom aire 0.087873 0.000000 40650602.121 0.000

L2.Conduct -0.111005 0.000000 -26916939.396 0.000

L2.Water 0.035585 NAN NAN NAN

L2.Temp 0.118913 NAN NAN NAN

L2.Precip. horaria -0.000280 NAN NAN NAN

L2.Temp. prom aire 0.039042 0.000000 467508288.452 0.000

L3.Conduct 0.202347 NAN NAN NAN

L3.Water 0.050934 NAN NAN NAN

L3.Temp -0.116170 NAN NAN NAN

L3.Precip. horaria -0.010510 NAN NAN NAN

L3.Temp. prom aire -0.014121 NAN NAN NAN

L4.Conduct 0.009319 0.000000 2655091.065 0.000

L4.Water -0.028186 NAN NAN NAN

L4.Temp -0.147111 0.000000 -135193438.648 0.000

L4.Precip. horaria 0.009102 NAN NAN NAN

L4.Temp. prom aire 0.005142 NAN NAN NAN

L5.Conduct 0.068608 NAN NAN NAN

L5.Water -0.008002 NAN NAN NAN

L5.Temp -0.043675 0.000000 -49268481.256 0.000

L5.Precip. horaria 0.001270 0.000000 2986.618 0.000

L5.Temp. prom aire -0.094728 0.000000 -79177488.076 0.000

L6.Conduct -0.083327 0.000000 -132642397.081 0.000

L6.Water -0.018447 NAN NAN NAN

L6.Temp -0.060093 NAN NAN NAN

L6.Precip. horaria 0.003335 0.000000 13563.203 0.000

L6.Temp. prom aire 0.020007 0.000000 21298547.411 0.000

L7.Conduct 0.007899 NAN NAN NAN

L7.Water 0.016592 0.000000 4878785.756 0.000

L7.Temp 0.047862 0.000000 137329407.130 0.000

L7.Precip. horaria -0.005894 NAN NAN NAN

L7.Temp. prom aire -0.023404 0.000000 -6259733.363 0.000

L8.Conduct 0.051677 NAN NAN NAN

L8.Water 0.052780 NAN NAN NAN

L8.Temp 0.027654 NAN NAN NAN

L8.Precip. horaria -0.001218 NAN NAN NAN

L8.Temp. prom aire -0.101829 0.000000 -67632385.714 0.000

L9.Conduct 0.036228 NAN NAN NAN

L9.Water -0.022751 0.000000 -10496821.357 0.000

L9.Temp 0.076957 NAN NAN NAN

L9.Precip. horaria 0.001789 NAN NAN NAN

L9.Temp. prom aire -0.077812 0.000000 -37472013.077 0.000

L10.Conduct 0.060663 NAN NAN NAN

L10.Water -0.071064 0.000000 -11312564.670 0.000

L10.Temp 0.079630 NAN NAN NAN

L10.Precip. horaria 0.000633 NAN NAN NAN

L10.Temp. prom aire 0.132742 0.000000 110309274.279 0.000

L11.Conduct 0.145839 NAN NAN NAN

L11.Water -0.048955 NAN NAN NAN

L11.Temp -0.001341 0.000000 -1068277.368 0.000

L11.Precip. horaria 0.002211 NAN NAN NAN

L11.Temp. prom aire 0.159977 NAN NAN NAN

L12.Conduct 0.030738 NAN NAN NAN

L12.Water -0.059290 NAN NAN NAN

L12.Temp 0.012063 0.000000 10454820.401 0.000

L12.Precip. horaria -0.000836 0.000000 -1919.600 0.000

L12.Temp. prom aire 0.266543 NAN NAN NAN

L13.Conduct 0.043778 NAN NAN NAN

L13.Water -0.026040 0.000000 -6195565.075 0.000

L13.Temp 0.122029 NAN NAN NAN

L13.Precip. horaria -0.002028 0.000000 -16271.843 0.000

L13.Temp. prom aire -0.054786 NAN NAN NAN

L14.Conduct -0.124326 NAN NAN NAN

L14.Water -0.062272 NAN NAN NAN

L14.Temp -0.074095 NAN NAN NAN

L14.Precip. horaria -0.002295 NAN NAN NAN

L14.Temp. prom aire 0.031795 NAN NAN NAN

L15.Conduct 0.065576 0.000000 23305643.493 0.000

L15.Water 0.007167 NAN NAN NAN

L15.Temp -0.128819 NAN NAN NAN

L15.Precip. horaria 0.000275 0.000000 888.510 0.000

L15.Temp. prom aire 0.045467 NAN NAN NAN

L16.Conduct 0.052433 0.000000 21328801.261 0.000

L16.Water -0.014162 0.000000 -4092907.630 0.000

L16.Temp 0.009054 NAN NAN NAN

L16.Precip. horaria 0.000058 NAN NAN NAN

L16.Temp. prom aire -0.192580 NAN NAN NAN

L17.Conduct -0.018367 NAN NAN NAN

L17.Water -0.036819 NAN NAN NAN

L17.Temp -0.070560 0.000000 -332754288.680 0.000

L17.Precip. horaria 0.004198 NAN NAN NAN

L17.Temp. prom aire 0.014393 0.000000 6347913.338 0.000

L18.Conduct 0.056417 0.000000 13129168.800 0.000

L18.Water -0.032854 NAN NAN NAN

L18.Temp -0.122470 NAN NAN NAN

L18.Precip. horaria -0.000514 NAN NAN NAN

L18.Temp. prom aire -0.234670 NAN NAN NAN

L19.Conduct 0.010990 NAN NAN NAN

L19.Water 0.009178 NAN NAN NAN

L19.Temp -0.106414 0.000000 -53449901.818 0.000

L19.Precip. horaria -0.002386 0.000000 -5919.453 0.000

L19.Temp. prom aire 0.012782 NAN NAN NAN

L20.Conduct 0.055062 NAN NAN NAN

L20.Water 0.047017 0.000000 11718932.609 0.000

L20.Temp 0.047689 NAN NAN NAN

L20.Precip. horaria -0.001815 NAN NAN NAN

L20.Temp. prom aire -0.073043 NAN NAN NAN

L21.Conduct -0.046511 NAN NAN NAN

L21.Water -0.056622 NAN NAN NAN

L21.Temp 0.083667 NAN NAN NAN

L21.Precip. horaria 0.000076 0.000000 184.604 0.000

L21.Temp. prom aire 0.193905 0.000000 48841661.146 0.000

L22.Conduct -0.105078 0.000000 -21168769.547 0.000

L22.Water 0.027915 NAN NAN NAN

L22.Temp -0.009728 0.000000 -5192258.103 0.000

L22.Precip. horaria -0.003294 NAN NAN NAN

L22.Temp. prom aire -0.031587 0.000000 -15373424.538 0.000

L23.Conduct -0.071366 NAN NAN NAN

L23.Water 0.006775 0.000000 1555280.302 0.000

L23.Temp 0.181588 0.000000 137325070.948 0.000

L23.Precip. horaria -0.002223 0.000000 -13678.019 0.000

L23.Temp. prom aire 0.010033 0.000000 7797457.909 0.000

L24.Conduct 0.068003 NAN NAN NAN

L24.Water 0.080684 NAN NAN NAN

L24.Temp 0.204115 0.000000 103891158.991 0.000

L24.Precip. horaria 0.000829 NAN NAN NAN

L24.Temp. prom aire 0.271454 NAN NAN NAN

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Results for equation Temp

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.000979 0.000000 20705.062 0.000

L1.Conduct -0.048014 NAN NAN NAN

L1.Water 0.064231 NAN NAN NAN

L1.Temp 0.031668 NAN NAN NAN

L1.Precip. horaria -0.026911 0.000000 -117150.700 0.000

L1.Temp. prom aire 0.119202 0.000000 35892190.372 0.000

L2.Conduct 0.080357 0.000000 12682696.999 0.000

L2.Water 0.056967 NAN NAN NAN

L2.Temp -0.036348 NAN NAN NAN

L2.Precip. horaria 0.013526 NAN NAN NAN

L2.Temp. prom aire 0.089998 0.000000 701458138.296 0.000

L3.Conduct -0.009312 NAN NAN NAN

L3.Water -0.055665 NAN NAN NAN

L3.Temp 0.213604 NAN NAN NAN

L3.Precip. horaria 0.006883 NAN NAN NAN

L3.Temp. prom aire -0.061844 NAN NAN NAN

L4.Conduct 0.081143 0.000000 15046918.075 0.000

L4.Water 0.005125 NAN NAN NAN

L4.Temp 0.052828 0.000000 31599566.942 0.000

L4.Precip. horaria 0.016039 NAN NAN NAN

L4.Temp. prom aire 0.096674 NAN NAN NAN

L5.Conduct -0.054173 NAN NAN NAN

L5.Water -0.085759 NAN NAN NAN

L5.Temp -0.076107 0.000000 -55880932.302 0.000

L5.Precip. horaria -0.009428 0.000001 -14432.741 0.000

L5.Temp. prom aire 0.005804 0.000000 3157606.240 0.000

L6.Conduct -0.064129 0.000000 -66443873.708 0.000

L6.Water -0.052332 NAN NAN NAN

L6.Temp 0.119332 NAN NAN NAN

L6.Precip. horaria -0.005015 0.000000 -13274.459 0.000

L6.Temp. prom aire -0.091846 0.000000 -63641245.658 0.000

L7.Conduct 0.112264 NAN NAN NAN

L7.Water 0.040372 0.000000 7726737.896 0.000

L7.Temp 0.083371 0.000000 155699593.336 0.000

L7.Precip. horaria -0.016164 NAN NAN NAN

L7.Temp. prom aire 0.033965 0.000000 5912986.506 0.000

L8.Conduct 0.088245 NAN NAN NAN

L8.Water -0.091412 NAN NAN NAN

L8.Temp 0.224280 NAN NAN NAN

L8.Precip. horaria 0.006029 NAN NAN NAN

L8.Temp. prom aire 0.040042 0.000000 17310093.573 0.000

L9.Conduct 0.119120 NAN NAN NAN

L9.Water -0.010396 0.000000 -3121921.491 0.000

L9.Temp -0.176684 NAN NAN NAN

L9.Precip. horaria -0.000092 NAN NAN NAN

L9.Temp. prom aire -0.060756 0.000000 -19043927.708 0.000

L10.Conduct 0.066656 NAN NAN NAN

L10.Water -0.031404 0.000000 -3253884.305 0.000

L10.Temp 0.170607 NAN NAN NAN

L10.Precip. horaria 0.007263 NAN NAN NAN

L10.Temp. prom aire -0.083412 0.000000 -45116662.701 0.000

L11.Conduct -0.031113 NAN NAN NAN

L11.Water -0.005516 NAN NAN NAN

L11.Temp -0.197278 0.000000 -102316466.908 0.000

L11.Precip. horaria -0.002530 NAN NAN NAN

L11.Temp. prom aire -0.099959 NAN NAN NAN

L12.Conduct -0.034977 NAN NAN NAN

L12.Water 0.067705 NAN NAN NAN

L12.Temp 0.104103 0.000000 58727583.097 0.000

L12.Precip. horaria 0.000612 0.000001 914.724 0.000

L12.Temp. prom aire 0.014881 NAN NAN NAN

L13.Conduct 0.036748 NAN NAN NAN

L13.Water 0.074808 0.000000 11584712.153 0.000

L13.Temp -0.079795 NAN NAN NAN

L13.Precip. horaria -0.002082 0.000000 -10875.169 0.000

L13.Temp. prom aire 0.250849 NAN NAN NAN

L14.Conduct 0.052823 NAN NAN NAN

L14.Water 0.058525 NAN NAN NAN

L14.Temp 0.183991 NAN NAN NAN

L14.Precip. horaria 0.001116 NAN NAN NAN

L14.Temp. prom aire 0.097332 NAN NAN NAN

L15.Conduct 0.049217 0.000000 11385173.194 0.000

L15.Water 0.008136 NAN NAN NAN

L15.Temp 0.247137 NAN NAN NAN

L15.Precip. horaria -0.004981 0.000000 -10470.533 0.000

L15.Temp. prom aire 0.156912 NAN NAN NAN

L16.Conduct 0.000361 0.000000 95596.481 0.000

L16.Water 0.156256 0.000000 29392383.146 0.000

L16.Temp 0.028314 NAN NAN NAN

L16.Precip. horaria 0.004129 NAN NAN NAN

L16.Temp. prom aire 0.086100 NAN NAN NAN

L17.Conduct -0.099001 NAN NAN NAN

L17.Water 0.070805 NAN NAN NAN

L17.Temp 0.129008 0.000000 395993396.223 0.000

L17.Precip. horaria -0.008040 NAN NAN NAN

L17.Temp. prom aire -0.001640 0.000000 -470885.416 0.000

L18.Conduct -0.004374 0.000000 -662546.416 0.000

L18.Water 0.096358 NAN NAN NAN

L18.Temp -0.015485 NAN NAN NAN

L18.Precip. horaria 0.007663 NAN NAN NAN

L18.Temp. prom aire -0.065072 NAN NAN NAN

L19.Conduct -0.012985 NAN NAN NAN

L19.Water -0.063041 NAN NAN NAN

L19.Temp -0.160447 0.000000 -52454676.177 0.000

L19.Precip. horaria 0.004458 0.000001 7199.950 0.000

L19.Temp. prom aire 0.019569 NAN NAN NAN

L20.Conduct -0.013513 NAN NAN NAN

L20.Water -0.087015 0.000000 -14116889.848 0.000

L20.Temp -0.177045 NAN NAN NAN

L20.Precip. horaria -0.006531 NAN NAN NAN

L20.Temp. prom aire -0.058163 NAN NAN NAN

L21.Conduct 0.061622 NAN NAN NAN

L21.Water -0.011203 NAN NAN NAN

L21.Temp -0.044699 NAN NAN NAN

L21.Precip. horaria -0.005889 0.000001 -9332.904 0.000

L21.Temp. prom aire -0.116627 0.000000 -19120812.925 0.000

L22.Conduct 0.014560 0.000000 1909229.510 0.000

L22.Water -0.193960 NAN NAN NAN

L22.Temp 0.023789 0.000000 8264958.355 0.000

L22.Precip. horaria 0.006305 NAN NAN NAN

L22.Temp. prom aire -0.141765 0.000000 -44909043.427 0.000

L23.Conduct 0.041581 NAN NAN NAN

L23.Water 0.467849 0.000000 69901350.993 0.000

L23.Temp -0.051890 0.000000 -25541551.214 0.000

L23.Precip. horaria 0.014373 0.000000 57570.733 0.000

L23.Temp. prom aire -0.028758 0.000000 -14547049.795 0.000

L24.Conduct -0.047716 NAN NAN NAN

L24.Water 0.010230 NAN NAN NAN

L24.Temp -0.110962 0.000000 -36760813.929 0.000

L24.Precip. horaria -0.003355 NAN NAN NAN

L24.Temp. prom aire -0.090895 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.000014 0.000000 9555.642 0.000

L1.Conduct -0.006006 NAN NAN NAN

L1.Water -0.003782 NAN NAN NAN

L1.Temp -0.003316 NAN NAN NAN

L1.Precip. horaria -0.000463 0.000000 -66509.745 0.000

L1.Temp. prom aire -0.008230 0.000000 -81796790.279 0.000

L2.Conduct 0.000016 0.000000 83621.561 0.000

L2.Water 0.000300 NAN NAN NAN

L2.Temp -0.001830 NAN NAN NAN

L2.Precip. horaria -0.000042 NAN NAN NAN

L2.Temp. prom aire 0.003682 0.000000 947313356.458 0.000

L3.Conduct 0.000174 NAN NAN NAN

L3.Water -0.002260 NAN NAN NAN

L3.Temp 0.002177 NAN NAN NAN

L3.Precip. horaria -0.000808 NAN NAN NAN

L3.Temp. prom aire -0.004506 NAN NAN NAN

L4.Conduct 0.008927 0.000000 54638234.628 0.000

L4.Water 0.003513 NAN NAN NAN

L4.Temp 0.002838 0.000000 56040172.178 0.000

L4.Precip. horaria 0.000147 NAN NAN NAN

L4.Temp. prom aire 0.000289 NAN NAN NAN

L5.Conduct 0.000730 NAN NAN NAN

L5.Water -0.001285 NAN NAN NAN

L5.Temp -0.000970 0.000000 -23520065.165 0.000

L5.Precip. horaria -0.000212 0.000000 -10729.183 0.000

L5.Temp. prom aire 0.004216 0.000000 75709029.072 0.000

L6.Conduct -0.001344 0.000000 -45970424.840 0.000

L6.Water 0.000835 NAN NAN NAN

L6.Temp -0.000599 NAN NAN NAN

L6.Precip. horaria 0.000395 0.000000 34522.110 0.000

L6.Temp. prom aire 0.002601 0.000000 59479800.982 0.000

L7.Conduct 0.003061 NAN NAN NAN

L7.Water 0.005444 0.000000 34388281.503 0.000

L7.Temp -0.005832 0.000000 -359505663.899 0.000

L7.Precip. horaria -0.000167 NAN NAN NAN

L7.Temp. prom aire -0.005297 0.000000 -30437706.818 0.000

L8.Conduct -0.012095 NAN NAN NAN

L8.Water -0.002228 NAN NAN NAN

L8.Temp 0.006241 NAN NAN NAN

L8.Precip. horaria 0.000425 NAN NAN NAN

L8.Temp. prom aire -0.006511 0.000000 -92900276.071 0.000

L9.Conduct -0.005197 NAN NAN NAN

L9.Water -0.002991 0.000000 -29645294.300 0.000

L9.Temp -0.003399 NAN NAN NAN

L9.Precip. horaria -0.000013 NAN NAN NAN

L9.Temp. prom aire 0.003163 0.000000 32728541.360 0.000

L10.Conduct 0.005717 NAN NAN NAN

L10.Water -0.000060 0.000000 -204613.306 0.000

L10.Temp -0.000426 NAN NAN NAN

L10.Precip. horaria -0.000091 NAN NAN NAN

L10.Temp. prom aire 0.002477 0.000000 44229432.458 0.000

L11.Conduct 0.010825 NAN NAN NAN

L11.Water 0.002039 NAN NAN NAN

L11.Temp -0.003839 0.000000 -65723287.916 0.000

L11.Precip. horaria -0.000048 NAN NAN NAN

L11.Temp. prom aire 0.012458 NAN NAN NAN

L12.Conduct 0.002066 NAN NAN NAN

L12.Water 0.002195 NAN NAN NAN

L12.Temp 0.008495 0.000000 158171585.734 0.000

L12.Precip. horaria -0.000056 0.000000 -2764.397 0.000

L12.Temp. prom aire -0.010507 NAN NAN NAN

L13.Conduct -0.001019 NAN NAN NAN

L13.Water 0.001003 0.000000 5129207.806 0.000

L13.Temp 0.003887 NAN NAN NAN

L13.Precip. horaria -0.000132 0.000000 -22770.138 0.000

L13.Temp. prom aire 0.005906 NAN NAN NAN

L14.Conduct -0.007457 NAN NAN NAN

L14.Water -0.001083 NAN NAN NAN

L14.Temp -0.003189 NAN NAN NAN

L14.Precip. horaria -0.000014 NAN NAN NAN

L14.Temp. prom aire -0.005846 NAN NAN NAN

L15.Conduct 0.003994 0.000000 30496959.603 0.000

L15.Water 0.000470 NAN NAN NAN

L15.Temp -0.001073 NAN NAN NAN

L15.Precip. horaria -0.000006 0.000000 -389.232 0.000

L15.Temp. prom aire 0.001209 NAN NAN NAN

L16.Conduct 0.003770 0.000000 32944390.321 0.000

L16.Water 0.002109 0.000000 13093403.479 0.000

L16.Temp -0.006698 NAN NAN NAN

L16.Precip. horaria 0.000296 NAN NAN NAN

L16.Temp. prom aire -0.002787 NAN NAN NAN

L17.Conduct -0.006400 NAN NAN NAN

L17.Water -0.004178 NAN NAN NAN

L17.Temp -0.004314 0.000000 -437115728.388 0.000

L17.Precip. horaria 0.000091 NAN NAN NAN

L17.Temp. prom aire 0.001977 0.000000 18735263.024 0.000

L18.Conduct 0.000635 0.000000 3174538.005 0.000

L18.Water -0.000247 NAN NAN NAN

L18.Temp 0.004015 NAN NAN NAN

L18.Precip. horaria -0.000211 NAN NAN NAN

L18.Temp. prom aire -0.007411 NAN NAN NAN

L19.Conduct 0.000202 NAN NAN NAN

L19.Water -0.000843 NAN NAN NAN

L19.Temp 0.005789 0.000000 62469605.380 0.000

L19.Precip. horaria 0.000045 0.000000 2422.919 0.000

L19.Temp. prom aire 0.006439 NAN NAN NAN

L20.Conduct -0.000490 NAN NAN NAN

L20.Water 0.000248 0.000000 1329963.763 0.000

L20.Temp 0.004714 NAN NAN NAN

L20.Precip. horaria -0.000081 NAN NAN NAN

L20.Temp. prom aire 0.002823 NAN NAN NAN

L21.Conduct 0.000791 NAN NAN NAN

L21.Water 0.006509 NAN NAN NAN

L21.Temp -0.006153 NAN NAN NAN

L21.Precip. horaria -0.000018 0.000000 -939.218 0.000

L21.Temp. prom aire 0.002864 0.000000 15500904.348 0.000

L22.Conduct -0.000969 0.000000 -4192217.572 0.000

L22.Water -0.006849 NAN NAN NAN

L22.Temp 0.006506 0.000000 74608276.883 0.000

L22.Precip. horaria -0.000060 NAN NAN NAN

L22.Temp. prom aire -0.005164 0.000000 -53999719.573 0.000

L23.Conduct 0.002019 NAN NAN NAN

L23.Water 0.001032 0.000000 5087423.412 0.000

L23.Temp 0.001725 0.000000 28027495.934 0.000

L23.Precip. horaria 0.000227 0.000000 29995.210 0.000

L23.Temp. prom aire 0.008359 0.000000 139555484.840 0.000

L24.Conduct -0.001211 NAN NAN NAN

L24.Water 0.006754 NAN NAN NAN

L24.Temp -0.003083 0.000000 -33714219.354 0.000

L24.Precip. horaria -0.000267 NAN NAN NAN

L24.Temp. prom aire -0.005793 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.001904 0.000000 26525.094 0.000

L1.Conduct -0.014871 NAN NAN NAN

L1.Water 0.082632 NAN NAN NAN

L1.Temp -0.142263 NAN NAN NAN

L1.Precip. horaria -0.027909 0.000000 -80069.795 0.000

L1.Temp. prom aire -0.276013 0.000000 -54770690.440 0.000

L2.Conduct 0.073055 0.000000 7598725.115 0.000

L2.Water 0.037872 NAN NAN NAN

L2.Temp -0.000860 NAN NAN NAN

L2.Precip. horaria 0.020489 NAN NAN NAN

L2.Temp. prom aire 0.132019 0.000000 678119644.857 0.000

L3.Conduct -0.045446 NAN NAN NAN

L3.Water -0.161906 NAN NAN NAN

L3.Temp 0.268466 NAN NAN NAN

L3.Precip. horaria 0.002860 NAN NAN NAN

L3.Temp. prom aire -0.259045 NAN NAN NAN

L4.Conduct 0.083004 0.000000 10143759.751 0.000

L4.Water -0.054783 NAN NAN NAN

L4.Temp -0.136297 0.000000 -53728513.967 0.000

L4.Precip. horaria 0.020051 NAN NAN NAN

L4.Temp. prom aire 0.093798 NAN NAN NAN

L5.Conduct -0.028563 NAN NAN NAN

L5.Water -0.101623 NAN NAN NAN

L5.Temp 0.016473 0.000000 7970950.297 0.000

L5.Precip. horaria -0.018554 0.000001 -18718.433 0.000

L5.Temp. prom aire 0.016917 0.000000 6065451.468 0.000

L6.Conduct -0.082281 0.000000 -56183167.220 0.000

L6.Water -0.026782 NAN NAN NAN

L6.Temp 0.041821 NAN NAN NAN

L6.Precip. horaria -0.003462 0.000001 -6038.390 0.000

L6.Temp. prom aire -0.040582 0.000000 -18531468.683 0.000

L7.Conduct 0.128775 NAN NAN NAN

L7.Water 0.042401 0.000000 5347947.059 0.000

L7.Temp 0.005333 0.000000 6563449.315 0.000

L7.Precip. horaria -0.020813 NAN NAN NAN

L7.Temp. prom aire -0.087247 0.000000 -10009972.436 0.000

L8.Conduct 0.172452 NAN NAN NAN

L8.Water -0.091962 NAN NAN NAN

L8.Temp 0.184320 NAN NAN NAN

L8.Precip. horaria 0.013072 NAN NAN NAN

L8.Temp. prom aire -0.214740 0.000000 -61178991.384 0.000

L9.Conduct 0.072765 NAN NAN NAN

L9.Water -0.068819 0.000000 -13619850.956 0.000

L9.Temp 0.058992 NAN NAN NAN

L9.Precip. horaria -0.000759 NAN NAN NAN

L9.Temp. prom aire 0.118883 0.000000 24557658.791 0.000

L10.Conduct 0.120273 NAN NAN NAN

L10.Water -0.024548 0.000000 -1676242.765 0.000

L10.Temp 0.070067 NAN NAN NAN

L10.Precip. horaria 0.011573 NAN NAN NAN

L10.Temp. prom aire -0.015382 0.000000 -5482905.790 0.000

L11.Conduct -0.173215 NAN NAN NAN

L11.Water -0.071204 NAN NAN NAN

L11.Temp -0.256405 0.000000 -87638604.947 0.000

L11.Precip. horaria -0.005629 NAN NAN NAN

L11.Temp. prom aire -0.015096 NAN NAN NAN

L12.Conduct 0.078482 NAN NAN NAN

L12.Water 0.204975 NAN NAN NAN

L12.Temp 0.259042 0.000000 96305464.302 0.000

L12.Precip. horaria -0.000724 0.000001 -713.195 0.000

L12.Temp. prom aire 0.153835 NAN NAN NAN

L13.Conduct 0.006237 NAN NAN NAN

L13.Water 0.063234 0.000000 6453458.324 0.000

L13.Temp 0.031284 NAN NAN NAN

L13.Precip. horaria -0.005455 0.000000 -18778.518 0.000

L13.Temp. prom aire 0.365605 NAN NAN NAN

L14.Conduct 0.121368 NAN NAN NAN

L14.Water 0.194735 NAN NAN NAN

L14.Temp 0.032588 NAN NAN NAN

L14.Precip. horaria 0.000583 NAN NAN NAN

L14.Temp. prom aire 0.070242 NAN NAN NAN

L15.Conduct 0.086782 0.000000 13229807.565 0.000

L15.Water 0.075991 NAN NAN NAN

L15.Temp 0.230471 NAN NAN NAN

L15.Precip. horaria -0.005046 0.000001 -6989.612 0.000

L15.Temp. prom aire 0.057239 NAN NAN NAN

L16.Conduct -0.086961 0.000000 -15173656.148 0.000

L16.Water 0.259155 0.000000 32126134.281 0.000

L16.Temp -0.126888 NAN NAN NAN

L16.Precip. horaria 0.009563 NAN NAN NAN

L16.Temp. prom aire -0.086842 NAN NAN NAN

L17.Conduct -0.107614 NAN NAN NAN

L17.Water 0.006999 NAN NAN NAN

L17.Temp 0.425342 0.000000 860424125.963 0.000

L17.Precip. horaria -0.008815 NAN NAN NAN

L17.Temp. prom aire -0.000688 0.000000 -130204.677 0.000

L18.Conduct -0.050504 0.000000 -5041515.670 0.000

L18.Water 0.080069 NAN NAN NAN

L18.Temp -0.100898 NAN NAN NAN

L18.Precip. horaria 0.010108 NAN NAN NAN

L18.Temp. prom aire -0.058130 NAN NAN NAN

L19.Conduct 0.024677 NAN NAN NAN

L19.Water -0.114132 NAN NAN NAN

L19.Temp -0.191665 0.000000 -41294921.697 0.000

L19.Precip. horaria 0.001331 0.000001 1416.916 0.000

L19.Temp. prom aire 0.101007 NAN NAN NAN

L20.Conduct -0.005109 NAN NAN NAN

L20.Water -0.080459 0.000000 -8602402.169 0.000

L20.Temp -0.181196 NAN NAN NAN

L20.Precip. horaria -0.011338 NAN NAN NAN

L20.Temp. prom aire -0.055531 NAN NAN NAN

L21.Conduct 0.101652 NAN NAN NAN

L21.Water 0.044247 NAN NAN NAN

L21.Temp -0.060276 NAN NAN NAN

L21.Precip. horaria -0.002651 0.000001 -2769.216 0.000

L21.Temp. prom aire -0.010318 0.000000 -1114804.132 0.000

L22.Conduct -0.015768 0.000000 -1362568.194 0.000

L22.Water -0.120618 NAN NAN NAN

L22.Temp 0.154784 0.000000 35439492.846 0.000

L22.Precip. horaria 0.009819 NAN NAN NAN

L22.Temp. prom aire -0.403878 0.000000 -84317747.726 0.000

L23.Conduct 0.027428 NAN NAN NAN

L23.Water 0.495965 0.000000 48835185.283 0.000

L23.Temp 0.008839 0.000000 2867185.834 0.000

L23.Precip. horaria 0.018260 0.000000 48199.895 0.000

L23.Temp. prom aire 0.115470 0.000000 38493000.166 0.000

L24.Conduct -0.131867 NAN NAN NAN

L24.Water -0.104148 NAN NAN NAN

L24.Temp -0.095822 0.000000 -20920801.774 0.000

L24.Precip. horaria -0.007235 NAN NAN NAN

L24.Temp. prom aire -0.112621 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.669417 -0.462358 0.186426 -0.077520

Water 0.669417 1.000000 -0.285876 0.577268 0.065054

Temp -0.462358 -0.285876 1.000000 -0.290294 0.075571

Precip. horaria 0.186426 0.577268 -0.290294 1.000000 0.058759

Temp. prom aire -0.077520 0.065054 0.075571 0.058759 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -272.066

Nobs: 47.0000 HQIC: -286.920

Log likelihood: 7224.77 FPE: -1.25815e-138

AIC: -295.882 Det(Omega\_mle): -2.15614e-141

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Results for equation Conduct

===============================================================

coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.002212 NAN NAN NAN

L1.Conduct 0.399657 NAN NAN NAN

L1.Water 0.015086 NAN NAN NAN

L1.Temp -0.027911 NAN NAN NAN

L1.Precip. horaria 0.050472 0.000001 77892.124 0.000

L1.Temp. prom aire 0.113785 NAN NAN NAN

L2.Conduct -0.250292 0.000000 -20333444.525 0.000

L2.Water -0.256714 0.000000 -39880512.342 0.000

L2.Temp 0.201820 NAN NAN NAN

L2.Precip. horaria -0.012499 NAN NAN NAN

L2.Temp. prom aire -0.167114 NAN NAN NAN

L3.Conduct -0.117556 0.000000 -6836482.033 0.000

L3.Water -0.127126 NAN NAN NAN

L3.Temp -0.441037 NAN NAN NAN

L3.Precip. horaria -0.010332 NAN NAN NAN

L3.Temp. prom aire 0.042548 0.000000 5244002.088 0.000

L4.Conduct -0.190115 NAN NAN NAN

L4.Water -0.191952 0.000000 -11713272.948 0.000

L4.Temp -0.307321 0.000000 -38800020.788 0.000

L4.Precip. horaria 0.004578 NAN NAN NAN

L4.Temp. prom aire -0.158791 NAN NAN NAN

L5.Conduct 0.045510 0.000000 5369123.779 0.000

L5.Water 0.036895 NAN NAN NAN

L5.Temp -0.055136 NAN NAN NAN

L5.Precip. horaria 0.016987 NAN NAN NAN

L5.Temp. prom aire -0.222891 NAN NAN NAN

L6.Conduct 0.113990 0.000000 10697823.366 0.000

L6.Water 0.096463 0.000000 15649293.111 0.000

L6.Temp -0.219964 0.000000 -34859385.615 0.000

L6.Precip. horaria 0.003448 NAN NAN NAN

L6.Temp. prom aire -0.009360 NAN NAN NAN

L7.Conduct 0.036939 0.000000 1945150.432 0.000

L7.Water -0.065382 0.000000 -5584192.554 0.000

L7.Temp 0.154545 NAN NAN NAN

L7.Precip. horaria -0.000152 0.000002 -70.154 0.000

L7.Temp. prom aire 0.032440 NAN NAN NAN

L8.Conduct -0.003513 NAN NAN NAN

L8.Water 0.180566 NAN NAN NAN

L8.Temp -0.079179 NAN NAN NAN

L8.Precip. horaria -0.003232 NAN NAN NAN

L8.Temp. prom aire -0.280120 NAN NAN NAN

L9.Conduct -0.148777 0.000000 -22884132.033 0.000

L9.Water -0.133362 NAN NAN NAN

L9.Temp 0.075709 NAN NAN NAN

L9.Precip. horaria 0.004283 0.000001 3604.241 0.000

L9.Temp. prom aire -0.280885 NAN NAN NAN

L10.Conduct 0.071989 NAN NAN NAN

L10.Water -0.049703 NAN NAN NAN

L10.Temp -0.195730 NAN NAN NAN

L10.Precip. horaria -0.012204 0.000002 -6324.793 0.000

L10.Temp. prom aire 0.266494 0.000000 37245220.400 0.000

L11.Conduct 0.174200 NAN NAN NAN

L11.Water 0.112499 0.000000 12698984.450 0.000

L11.Temp -0.074110 NAN NAN NAN

L11.Precip. horaria 0.002668 0.000002 1530.171 0.000

L11.Temp. prom aire 0.471019 0.000000 32836300.587 0.000

L12.Conduct -0.059352 NAN NAN NAN

L12.Water 0.042365 NAN NAN NAN

L12.Temp -0.018670 NAN NAN NAN

L12.Precip. horaria -0.002417 NAN NAN NAN

L12.Temp. prom aire 0.729128 0.000000 46301628.678 0.000

L13.Conduct 0.015191 0.000000 639996.388 0.000

L13.Water 0.098404 0.000000 5890667.779 0.000

L13.Temp 0.487634 NAN NAN NAN

L13.Precip. horaria 0.001746 NAN NAN NAN

L13.Temp. prom aire -0.406271 0.000000 -22299965.666 0.000

L14.Conduct -0.028523 0.000000 -2927954.384 0.000

L14.Water -0.099935 NAN NAN NAN

L14.Temp -0.014106 NAN NAN NAN

L14.Precip. horaria 0.008114 NAN NAN NAN

L14.Temp. prom aire 0.136946 0.000000 20846712.249 0.000

L15.Conduct 0.158719 NAN NAN NAN

L15.Water 0.118150 NAN NAN NAN

L15.Temp -0.028399 NAN NAN NAN

L15.Precip. horaria -0.000985 0.000002 -613.948 0.000

L15.Temp. prom aire -0.160408 0.000000 -21675277.795 0.000

L16.Conduct 0.158610 NAN NAN NAN

L16.Water 0.104783 0.000000 19459422.778 0.000

L16.Temp 0.126469 0.000000 10959802.067 0.000

L16.Precip. horaria -0.003232 NAN NAN NAN

L16.Temp. prom aire -0.114097 NAN NAN NAN

L17.Conduct -0.121689 0.000000 -10231931.330 0.000

L17.Water 0.102508 NAN NAN NAN

L17.Temp -0.137510 NAN NAN NAN

L17.Precip. horaria 0.014749 NAN NAN NAN

L17.Temp. prom aire -0.110292 NAN NAN NAN

L18.Conduct 0.063220 0.000000 5665794.208 0.000

L18.Water 0.004429 0.000000 437572.923 0.000

L18.Temp -0.337482 0.000000 -41374723.581 0.000

L18.Precip. horaria -0.010501 0.000001 -7398.318 0.000

L18.Temp. prom aire -0.311106 0.000000 -15297514.144 0.000

L19.Conduct -0.186697 NAN NAN NAN

L19.Water -0.004933 0.000000 -320935.063 0.000

L19.Temp -0.180455 0.000000 -13858314.955 0.000

L19.Precip. horaria -0.017553 NAN NAN NAN

L19.Temp. prom aire -0.039392 NAN NAN NAN

L20.Conduct 0.006713 0.000000 880176.818 0.000

L20.Water 0.089332 0.000000 24290854.007 0.000

L20.Temp 0.172768 NAN NAN NAN

L20.Precip. horaria -0.002699 NAN NAN NAN

L20.Temp. prom aire -0.218821 0.000000 -42713615.271 0.000

L21.Conduct -0.004016 NAN NAN NAN

L21.Water 0.009191 NAN NAN NAN

L21.Temp 0.108529 NAN NAN NAN

L21.Precip. horaria 0.013516 NAN NAN NAN

L21.Temp. prom aire 0.346398 NAN NAN NAN

L22.Conduct -0.021721 NAN NAN NAN

L22.Water 0.257813 NAN NAN NAN

L22.Temp -0.004285 NAN NAN NAN

L22.Precip. horaria 0.015464 NAN NAN NAN

L22.Temp. prom aire 0.053496 0.000000 7929003.092 0.000

L23.Conduct -0.030578 NAN NAN NAN

L23.Water -0.045773 0.000000 -22783569.760 0.000

L23.Temp 0.460503 NAN NAN NAN

L23.Precip. horaria -0.004252 NAN NAN NAN

L23.Temp. prom aire 0.192396 NAN NAN NAN

L24.Conduct -0.053030 0.000000 -13095255.879 0.000

L24.Water 0.219812 NAN NAN NAN

L24.Temp 0.282009 0.000000 73841629.157 0.000

L24.Precip. horaria -0.005616 NAN NAN NAN

L24.Temp. prom aire 0.652766 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000609 NAN NAN NAN

L1.Conduct 0.154259 NAN NAN NAN

L1.Water 0.065733 NAN NAN NAN

L1.Temp 0.055906 NAN NAN NAN

L1.Precip. horaria 0.020517 0.000000 65141.409 0.000

L1.Temp. prom aire 0.078485 NAN NAN NAN

L2.Conduct -0.141438 0.000000 -23639604.478 0.000

L2.Water -0.092936 0.000000 -29703260.353 0.000

L2.Temp 0.154704 NAN NAN NAN

L2.Precip. horaria -0.008246 NAN NAN NAN

L2.Temp. prom aire -0.049587 NAN NAN NAN

L3.Conduct 0.189390 0.000000 22659885.125 0.000

L3.Water 0.043367 NAN NAN NAN

L3.Temp -0.192836 NAN NAN NAN

L3.Precip. horaria -0.013658 NAN NAN NAN

L3.Temp. prom aire 0.019639 0.000000 4979851.691 0.000

L4.Conduct -0.061330 NAN NAN NAN

L4.Water -0.010286 0.000000 -1291370.993 0.000

L4.Temp -0.130464 0.000000 -33887601.522 0.000

L4.Precip. horaria 0.009468 NAN NAN NAN

L4.Temp. prom aire 0.006631 NAN NAN NAN

L5.Conduct 0.002782 0.000000 675325.263 0.000

L5.Water 0.061158 NAN NAN NAN

L5.Temp -0.028067 NAN NAN NAN

L5.Precip. horaria 0.010284 NAN NAN NAN

L5.Temp. prom aire -0.075231 NAN NAN NAN

L6.Conduct -0.024361 0.000000 -4703622.998 0.000

L6.Water 0.070432 0.000000 23508049.867 0.000

L6.Temp -0.083610 0.000000 -27260673.843 0.000

L6.Precip. horaria 0.006939 NAN NAN NAN

L6.Temp. prom aire 0.016276 NAN NAN NAN

L7.Conduct 0.067625 0.000000 7326244.598 0.000

L7.Water 0.024947 0.000000 4383631.885 0.000

L7.Temp 0.094259 NAN NAN NAN

L7.Precip. horaria -0.002183 0.000001 -2074.672 0.000

L7.Temp. prom aire 0.005234 NAN NAN NAN

L8.Conduct 0.062777 NAN NAN NAN

L8.Water 0.096800 NAN NAN NAN

L8.Temp 0.010982 NAN NAN NAN

L8.Precip. horaria 0.000612 NAN NAN NAN

L8.Temp. prom aire -0.194041 NAN NAN NAN

L9.Conduct -0.049432 0.000000 -15643003.564 0.000

L9.Water -0.126187 NAN NAN NAN

L9.Temp 0.046819 NAN NAN NAN

L9.Precip. horaria 0.005266 0.000001 9118.322 0.000

L9.Temp. prom aire -0.163767 NAN NAN NAN

L10.Conduct 0.027041 NAN NAN NAN

L10.Water -0.108063 NAN NAN NAN

L10.Temp -0.068184 NAN NAN NAN

L10.Precip. horaria -0.007605 0.000001 -8108.305 0.000

L10.Temp. prom aire 0.107396 0.000000 30880249.803 0.000

L11.Conduct 0.127575 NAN NAN NAN

L11.Water -0.009737 0.000000 -2261256.244 0.000

L11.Temp -0.073046 NAN NAN NAN

L11.Precip. horaria -0.000067 0.000001 -79.128 0.000

L11.Temp. prom aire 0.238003 0.000000 34135760.010 0.000

L12.Conduct 0.016892 NAN NAN NAN

L12.Water -0.015279 NAN NAN NAN

L12.Temp -0.018573 NAN NAN NAN

L12.Precip. horaria -0.003009 NAN NAN NAN

L12.Temp. prom aire 0.338286 0.000000 44196400.559 0.000

L13.Conduct 0.113042 0.000000 9797782.677 0.000

L13.Water 0.041080 0.000000 5059315.360 0.000

L13.Temp 0.205953 NAN NAN NAN

L13.Precip. horaria 0.001030 NAN NAN NAN

L13.Temp. prom aire -0.148970 0.000000 -16822774.746 0.000

L14.Conduct 0.015205 0.000000 3211230.651 0.000

L14.Water -0.114837 NAN NAN NAN

L14.Temp -0.039749 NAN NAN NAN

L14.Precip. horaria 0.005173 NAN NAN NAN

L14.Temp. prom aire 0.040232 0.000000 12599883.614 0.000

L15.Conduct 0.142787 NAN NAN NAN

L15.Water 0.021946 NAN NAN NAN

L15.Temp -0.026890 NAN NAN NAN

L15.Precip. horaria 0.001399 0.000001 1794.552 0.000

L15.Temp. prom aire 0.036653 0.000000 10189752.076 0.000

L16.Conduct 0.088084 NAN NAN NAN

L16.Water 0.039294 0.000000 15013317.389 0.000

L16.Temp 0.056757 0.000000 10119335.799 0.000

L16.Precip. horaria -0.000616 NAN NAN NAN

L16.Temp. prom aire -0.110049 NAN NAN NAN

L17.Conduct -0.200836 0.000000 -34742164.034 0.000

L17.Water 0.021455 NAN NAN NAN

L17.Temp -0.040468 NAN NAN NAN

L17.Precip. horaria 0.007713 NAN NAN NAN

L17.Temp. prom aire -0.004046 NAN NAN NAN

L18.Conduct -0.025417 0.000000 -4686399.812 0.000

L18.Water 0.012317 0.000000 2503415.207 0.000

L18.Temp -0.175614 0.000000 -44295095.693 0.000

L18.Precip. horaria -0.006355 0.000001 -9211.202 0.000

L18.Temp. prom aire -0.213275 0.000000 -21575654.033 0.000

L19.Conduct -0.103081 NAN NAN NAN

L19.Water -0.004181 0.000000 -559569.312 0.000

L19.Temp -0.116596 0.000000 -18421925.894 0.000

L19.Precip. horaria -0.008926 NAN NAN NAN

L19.Temp. prom aire 0.026373 NAN NAN NAN

L20.Conduct 0.092054 0.000000 24832206.122 0.000

L20.Water 0.017708 0.000000 9906272.511 0.000

L20.Temp 0.052307 NAN NAN NAN

L20.Precip. horaria -0.005988 NAN NAN NAN

L20.Temp. prom aire -0.099110 0.000000 -39802302.038 0.000

L21.Conduct 0.032993 NAN NAN NAN

L21.Water -0.074045 NAN NAN NAN

L21.Temp 0.032966 NAN NAN NAN

L21.Precip. horaria 0.003443 NAN NAN NAN

L21.Temp. prom aire 0.168726 NAN NAN NAN

L22.Conduct -0.027661 NAN NAN NAN

L22.Water 0.048358 NAN NAN NAN

L22.Temp -0.003191 NAN NAN NAN

L22.Precip. horaria 0.006470 NAN NAN NAN

L22.Temp. prom aire -0.009281 0.000000 -2830126.611 0.000

L23.Conduct -0.068126 NAN NAN NAN

L23.Water -0.011961 0.000000 -12248888.728 0.000

L23.Temp 0.238119 NAN NAN NAN

L23.Precip. horaria 0.002230 NAN NAN NAN

L23.Temp. prom aire 0.102186 NAN NAN NAN

L24.Conduct -0.098564 0.000000 -50075499.975 0.000

L24.Water 0.096893 NAN NAN NAN

L24.Temp 0.173230 0.000000 93319507.182 0.000

L24.Precip. horaria -0.001529 NAN NAN NAN

L24.Temp. prom aire 0.376024 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const -0.000136 NAN NAN NAN

L1.Conduct 0.042969 NAN NAN NAN

L1.Water 0.029010 NAN NAN NAN

L1.Temp -0.003650 NAN NAN NAN

L1.Precip. horaria -0.019143 0.000001 -29637.528 0.000

L1.Temp. prom aire 0.041780 NAN NAN NAN

L2.Conduct 0.117611 0.000000 9585422.902 0.000

L2.Water 0.068783 0.000000 10719887.607 0.000

L2.Temp -0.014575 NAN NAN NAN

L2.Precip. horaria 0.000418 NAN NAN NAN

L2.Temp. prom aire 0.000750 NAN NAN NAN

L3.Conduct 0.077583 0.000000 4526454.112 0.000

L3.Water -0.007714 NAN NAN NAN

L3.Temp 0.231110 NAN NAN NAN

L3.Precip. horaria -0.004200 NAN NAN NAN

L3.Temp. prom aire 0.001676 0.000000 207201.091 0.000

L4.Conduct -0.009032 NAN NAN NAN

L4.Water 0.128057 0.000000 7839507.483 0.000

L4.Temp 0.144256 0.000000 18271431.014 0.000

L4.Precip. horaria 0.007337 NAN NAN NAN

L4.Temp. prom aire 0.110088 NAN NAN NAN

L5.Conduct -0.015812 0.000000 -1871531.498 0.000

L5.Water -0.015664 NAN NAN NAN

L5.Temp -0.083092 NAN NAN NAN

L5.Precip. horaria -0.004096 NAN NAN NAN

L5.Temp. prom aire 0.073258 NAN NAN NAN

L6.Conduct -0.137498 0.000000 -12945722.695 0.000

L6.Water -0.041060 0.000000 -6682678.942 0.000

L6.Temp 0.084080 0.000000 13367767.437 0.000

L6.Precip. horaria 0.007109 NAN NAN NAN

L6.Temp. prom aire -0.033057 NAN NAN NAN

L7.Conduct 0.180425 0.000000 9531527.748 0.000

L7.Water 0.144905 0.000000 12416072.360 0.000

L7.Temp 0.060566 NAN NAN NAN

L7.Precip. horaria -0.006349 0.000002 -2942.752 0.000

L7.Temp. prom aire -0.033621 NAN NAN NAN

L8.Conduct 0.010497 NAN NAN NAN

L8.Water -0.151962 NAN NAN NAN

L8.Temp 0.169010 NAN NAN NAN

L8.Precip. horaria 0.007963 NAN NAN NAN

L8.Temp. prom aire 0.031581 NAN NAN NAN

L9.Conduct 0.079969 0.000000 12340247.967 0.000

L9.Water 0.012305 NAN NAN NAN

L9.Temp -0.117383 NAN NAN NAN

L9.Precip. horaria -0.000976 0.000001 -824.156 0.000

L9.Temp. prom aire -0.007378 NAN NAN NAN

L10.Conduct -0.048811 NAN NAN NAN

L10.Water -0.015607 NAN NAN NAN

L10.Temp 0.168006 NAN NAN NAN

L10.Precip. horaria 0.001219 0.000002 634.009 0.000

L10.Temp. prom aire 0.008526 0.000000 1195465.355 0.000

L11.Conduct 0.002748 NAN NAN NAN

L11.Water 0.090074 0.000000 10200440.270 0.000

L11.Temp -0.150210 NAN NAN NAN

L11.Precip. horaria -0.005323 0.000002 -3062.188 0.000

L11.Temp. prom aire -0.039523 0.000000 -2764185.092 0.000

L12.Conduct -0.005482 NAN NAN NAN

L12.Water -0.010824 NAN NAN NAN

L12.Temp 0.078908 NAN NAN NAN

L12.Precip. horaria 0.000797 NAN NAN NAN

L12.Temp. prom aire -0.099518 0.000000 -6340095.695 0.000

L13.Conduct 0.085442 0.000000 3611184.621 0.000

L13.Water 0.051170 0.000000 3073007.502 0.000

L13.Temp -0.141049 NAN NAN NAN

L13.Precip. horaria 0.000059 NAN NAN NAN

L13.Temp. prom aire 0.091083 0.000000 5015629.122 0.000

L14.Conduct -0.018412 0.000000 -1896081.706 0.000

L14.Water -0.042210 NAN NAN NAN

L14.Temp 0.138543 NAN NAN NAN

L14.Precip. horaria 0.001705 NAN NAN NAN

L14.Temp. prom aire -0.002673 0.000000 -408215.600 0.000

L15.Conduct 0.015788 NAN NAN NAN

L15.Water -0.087759 NAN NAN NAN

L15.Temp 0.097017 NAN NAN NAN

L15.Precip. horaria 0.000916 0.000002 573.004 0.000

L15.Temp. prom aire 0.127971 0.000000 17348050.293 0.000

L16.Conduct -0.023108 NAN NAN NAN

L16.Water 0.007131 0.000000 1328537.606 0.000

L16.Temp -0.024935 0.000000 -2167886.405 0.000

L16.Precip. horaria 0.003381 NAN NAN NAN

L16.Temp. prom aire 0.115558 NAN NAN NAN

L17.Conduct -0.104823 0.000000 -8842207.844 0.000

L17.Water -0.013044 NAN NAN NAN

L17.Temp 0.017095 NAN NAN NAN

L17.Precip. horaria -0.006618 NAN NAN NAN

L17.Temp. prom aire 0.031656 NAN NAN NAN

L18.Conduct 0.009280 0.000000 834392.293 0.000

L18.Water 0.052620 0.000000 5215179.432 0.000

L18.Temp 0.056720 0.000000 6976230.119 0.000

L18.Precip. horaria 0.003716 0.000001 2626.314 0.000

L18.Temp. prom aire -0.068241 0.000000 -3366319.402 0.000

L19.Conduct 0.172215 NAN NAN NAN

L19.Water -0.002935 0.000000 -191565.037 0.000

L19.Temp -0.010631 0.000000 -819025.063 0.000

L19.Precip. horaria 0.002238 NAN NAN NAN

L19.Temp. prom aire 0.031374 NAN NAN NAN

L20.Conduct 0.214984 0.000000 28279308.687 0.000

L20.Water -0.036296 0.000000 -9901411.735 0.000

L20.Temp -0.113136 NAN NAN NAN

L20.Precip. horaria -0.005487 NAN NAN NAN

L20.Temp. prom aire 0.055561 0.000000 10880520.338 0.000

L21.Conduct 0.139841 NAN NAN NAN

L21.Water 0.002586 NAN NAN NAN

L21.Temp -0.022970 NAN NAN NAN

L21.Precip. horaria -0.008046 NAN NAN NAN

L21.Temp. prom aire -0.083421 NAN NAN NAN

L22.Conduct -0.002778 NAN NAN NAN

L22.Water -0.136291 NAN NAN NAN

L22.Temp -0.088953 NAN NAN NAN

L22.Precip. horaria 0.002030 NAN NAN NAN

L22.Temp. prom aire -0.094378 0.000000 -14033668.072 0.000

L23.Conduct 0.090309 NAN NAN NAN

L23.Water 0.177556 0.000000 88664672.808 0.000

L23.Temp -0.056794 NAN NAN NAN

L23.Precip. horaria 0.014497 NAN NAN NAN

L23.Temp. prom aire -0.031825 NAN NAN NAN

L24.Conduct -0.033388 0.000000 -8271391.612 0.000

L24.Water 0.029717 NAN NAN NAN

L24.Temp -0.152605 0.000000 -40087271.250 0.000

L24.Precip. horaria -0.001884 NAN NAN NAN

L24.Temp. prom aire -0.058691 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000022 NAN NAN NAN

L1.Conduct -0.005454 NAN NAN NAN

L1.Water -0.004498 NAN NAN NAN

L1.Temp -0.002378 NAN NAN NAN

L1.Precip. horaria -0.000739 0.000000 -33006.862 0.000

L1.Temp. prom aire -0.005308 NAN NAN NAN

L2.Conduct -0.004016 0.000000 -9440857.937 0.000

L2.Water 0.001297 0.000000 5829795.803 0.000

L2.Temp -0.002495 NAN NAN NAN

L2.Precip. horaria -0.000129 NAN NAN NAN

L2.Temp. prom aire 0.001515 NAN NAN NAN

L3.Conduct 0.000962 0.000000 1618968.053 0.000

L3.Water -0.000343 NAN NAN NAN

L3.Temp 0.000012 NAN NAN NAN

L3.Precip. horaria -0.000241 NAN NAN NAN

L3.Temp. prom aire -0.003149 0.000000 -11228838.635 0.000

L4.Conduct 0.002084 NAN NAN NAN

L4.Water 0.005761 0.000000 10172275.421 0.000

L4.Temp 0.002961 0.000000 10817148.782 0.000

L4.Precip. horaria 0.000212 NAN NAN NAN

L4.Temp. prom aire -0.002913 NAN NAN NAN

L5.Conduct 0.001374 0.000000 4691940.947 0.000

L5.Water -0.005536 NAN NAN NAN

L5.Temp -0.004562 NAN NAN NAN

L5.Precip. horaria -0.000162 NAN NAN NAN

L5.Temp. prom aire 0.003041 NAN NAN NAN

L6.Conduct -0.003569 0.000000 -9692989.258 0.000

L6.Water -0.003542 0.000000 -16627193.803 0.000

L6.Temp 0.000046 0.000000 213195.611 0.000

L6.Precip. horaria 0.000087 NAN NAN NAN

L6.Temp. prom aire 0.004175 NAN NAN NAN

L7.Conduct 0.012870 0.000000 19610953.136 0.000

L7.Water 0.008705 0.000000 21512299.212 0.000

L7.Temp -0.000430 NAN NAN NAN

L7.Precip. horaria -0.000476 0.000000 -6362.622 0.000

L7.Temp. prom aire -0.001921 NAN NAN NAN

L8.Conduct -0.008572 NAN NAN NAN

L8.Water -0.004397 NAN NAN NAN

L8.Temp 0.006923 NAN NAN NAN

L8.Precip. horaria 0.000558 NAN NAN NAN

L8.Temp. prom aire -0.001964 NAN NAN NAN

L9.Conduct -0.000456 0.000000 -2029967.197 0.000

L9.Water -0.005527 NAN NAN NAN

L9.Temp -0.002170 NAN NAN NAN

L9.Precip. horaria 0.000099 0.000000 2403.365 0.000

L9.Temp. prom aire 0.002296 NAN NAN NAN

L10.Conduct 0.002298 NAN NAN NAN

L10.Water 0.003532 NAN NAN NAN

L10.Temp -0.003003 NAN NAN NAN

L10.Precip. horaria -0.000277 0.000000 -4158.684 0.000

L10.Temp. prom aire -0.001441 0.000000 -5829511.748 0.000

L11.Conduct -0.000621 NAN NAN NAN

L11.Water 0.005326 0.000000 17397925.692 0.000

L11.Temp -0.005033 NAN NAN NAN

L11.Precip. horaria 0.000119 0.000000 1970.113 0.000

L11.Temp. prom aire 0.010007 0.000000 20186813.463 0.000

L12.Conduct -0.005875 NAN NAN NAN

L12.Water 0.002047 NAN NAN NAN

L12.Temp 0.007692 NAN NAN NAN

L12.Precip. horaria 0.000084 NAN NAN NAN

L12.Temp. prom aire -0.014132 0.000000 -25967142.015 0.000

L13.Conduct 0.001166 0.000000 1421723.586 0.000

L13.Water 0.001301 0.000000 2254082.496 0.000

L13.Temp -0.001637 NAN NAN NAN

L13.Precip. horaria -0.000202 NAN NAN NAN

L13.Temp. prom aire 0.006182 0.000000 9818703.656 0.000

L14.Conduct 0.003137 0.000000 9317318.658 0.000

L14.Water -0.002837 NAN NAN NAN

L14.Temp -0.000464 NAN NAN NAN

L14.Precip. horaria -0.000056 NAN NAN NAN

L14.Temp. prom aire -0.003396 0.000000 -14957657.647 0.000

L15.Conduct 0.011583 NAN NAN NAN

L15.Water 0.001857 NAN NAN NAN

L15.Temp 0.001948 NAN NAN NAN

L15.Precip. horaria -0.000127 0.000000 -2284.146 0.000

L15.Temp. prom aire 0.002242 0.000000 8764998.032 0.000

L16.Conduct 0.008316 NAN NAN NAN

L16.Water 0.003944 0.000000 21194349.198 0.000

L16.Temp -0.002597 0.000000 -6511838.437 0.000

L16.Precip. horaria 0.000208 NAN NAN NAN

L16.Temp. prom aire 0.001322 NAN NAN NAN

L17.Conduct -0.012617 0.000000 -30696831.458 0.000

L17.Water -0.008971 NAN NAN NAN

L17.Temp -0.001980 NAN NAN NAN

L17.Precip. horaria 0.000232 NAN NAN NAN

L17.Temp. prom aire 0.003277 NAN NAN NAN

L18.Conduct -0.002801 0.000000 -7264197.698 0.000

L18.Water 0.001058 0.000000 3023617.234 0.000

L18.Temp 0.001801 0.000000 6388535.514 0.000

L18.Precip. horaria -0.000318 0.000000 -6478.963 0.000

L18.Temp. prom aire -0.006963 0.000000 -9906558.219 0.000

L19.Conduct -0.002055 NAN NAN NAN

L19.Water 0.001852 0.000000 3486563.480 0.000

L19.Temp 0.002589 0.000000 5753825.416 0.000

L19.Precip. horaria 0.000123 NAN NAN NAN

L19.Temp. prom aire 0.005092 NAN NAN NAN

L20.Conduct -0.002403 0.000000 -9115759.592 0.000

L20.Water 0.000568 0.000000 4470833.027 0.000

L20.Temp 0.001784 NAN NAN NAN

L20.Precip. horaria 0.000047 NAN NAN NAN

L20.Temp. prom aire 0.000074 0.000000 416926.913 0.000

L21.Conduct 0.000629 NAN NAN NAN

L21.Water 0.005262 NAN NAN NAN

L21.Temp -0.006344 NAN NAN NAN

L21.Precip. horaria -0.000138 NAN NAN NAN

L21.Temp. prom aire -0.000035 NAN NAN NAN

L22.Conduct -0.002054 NAN NAN NAN

L22.Water -0.003655 NAN NAN NAN

L22.Temp 0.008358 NAN NAN NAN

L22.Precip. horaria 0.000076 NAN NAN NAN

L22.Temp. prom aire -0.004783 0.000000 -20514399.061 0.000

L23.Conduct 0.001588 NAN NAN NAN

L23.Water 0.000050 0.000000 720574.912 0.000

L23.Temp 0.004857 NAN NAN NAN

L23.Precip. horaria 0.000298 NAN NAN NAN

L23.Temp. prom aire 0.008505 NAN NAN NAN

L24.Conduct -0.000232 0.000000 -1657406.455 0.000

L24.Water 0.003760 NAN NAN NAN

L24.Temp -0.002160 0.000000 -16362696.626 0.000

L24.Precip. horaria -0.000269 NAN NAN NAN

L24.Temp. prom aire -0.005583 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000518 NAN NAN NAN

L1.Conduct 0.156408 NAN NAN NAN

L1.Water 0.017496 NAN NAN NAN

L1.Temp -0.085204 NAN NAN NAN

L1.Precip. horaria -0.020087 0.000001 -30890.312 0.000

L1.Temp. prom aire -0.341113 NAN NAN NAN

L2.Conduct 0.123508 0.000000 9998464.825 0.000

L2.Water 0.055947 0.000000 8660895.180 0.000

L2.Temp 0.062162 NAN NAN NAN

L2.Precip. horaria 0.007669 NAN NAN NAN

L2.Temp. prom aire 0.053204 NAN NAN NAN

L3.Conduct 0.020433 0.000000 1184139.170 0.000

L3.Water -0.097079 NAN NAN NAN

L3.Temp 0.307241 NAN NAN NAN

L3.Precip. horaria -0.005008 NAN NAN NAN

L3.Temp. prom aire -0.128753 0.000000 -15813242.729 0.000

L4.Conduct -0.013908 NAN NAN NAN

L4.Water 0.087732 0.000000 5334834.254 0.000

L4.Temp 0.022347 0.000000 2811428.984 0.000

L4.Precip. horaria 0.008304 NAN NAN NAN

L4.Temp. prom aire 0.144356 NAN NAN NAN

L5.Conduct 0.046196 0.000000 5430998.552 0.000

L5.Water 0.003082 NAN NAN NAN

L5.Temp 0.015773 NAN NAN NAN

L5.Precip. horaria -0.006206 NAN NAN NAN

L5.Temp. prom aire 0.143963 NAN NAN NAN

L6.Conduct -0.169073 0.000000 -15811698.676 0.000

L6.Water -0.127580 0.000000 -20624950.796 0.000

L6.Temp 0.053616 0.000000 8467124.053 0.000

L6.Precip. horaria 0.004855 NAN NAN NAN

L6.Temp. prom aire 0.005742 NAN NAN NAN

L7.Conduct 0.189456 0.000000 9941449.282 0.000

L7.Water 0.029259 0.000000 2490205.420 0.000

L7.Temp 0.004321 NAN NAN NAN

L7.Precip. horaria -0.014533 0.000002 -6690.484 0.000

L7.Temp. prom aire -0.172282 NAN NAN NAN

L8.Conduct 0.064390 NAN NAN NAN

L8.Water -0.143949 NAN NAN NAN

L8.Temp 0.025608 NAN NAN NAN

L8.Precip. horaria 0.011863 NAN NAN NAN

L8.Temp. prom aire -0.179928 NAN NAN NAN

L9.Conduct 0.041192 0.000000 6313721.933 0.000

L9.Water -0.041620 NAN NAN NAN

L9.Temp 0.065912 NAN NAN NAN

L9.Precip. horaria -0.005675 0.000001 -4759.036 0.000

L9.Temp. prom aire 0.170817 NAN NAN NAN

L10.Conduct 0.006504 NAN NAN NAN

L10.Water 0.133148 NAN NAN NAN

L10.Temp 0.026556 NAN NAN NAN

L10.Precip. horaria 0.004240 0.000002 2189.584 0.000

L10.Temp. prom aire 0.060756 0.000000 8461508.165 0.000

L11.Conduct -0.058366 NAN NAN NAN

L11.Water -0.058653 0.000000 -6597610.484 0.000

L11.Temp -0.331552 NAN NAN NAN

L11.Precip. horaria -0.002953 0.000002 -1687.494 0.000

L11.Temp. prom aire -0.090303 0.000000 -6273220.341 0.000

L12.Conduct 0.069823 NAN NAN NAN

L12.Water 0.171056 NAN NAN NAN

L12.Temp 0.296740 NAN NAN NAN

L12.Precip. horaria -0.000914 NAN NAN NAN

L12.Temp. prom aire -0.058115 0.000000 -3677554.005 0.000

L13.Conduct 0.092155 0.000000 3868774.396 0.000

L13.Water -0.018814 0.000000 -1122282.203 0.000

L13.Temp -0.092312 NAN NAN NAN

L13.Precip. horaria 0.000456 NAN NAN NAN

L13.Temp. prom aire 0.137438 0.000000 7517425.258 0.000

L14.Conduct -0.096975 0.000000 -9919682.507 0.000

L14.Water 0.139566 NAN NAN NAN

L14.Temp 0.031413 NAN NAN NAN

L14.Precip. horaria 0.002987 NAN NAN NAN

L14.Temp. prom aire 0.022188 0.000000 3365781.098 0.000

L15.Conduct 0.105742 NAN NAN NAN

L15.Water -0.013275 NAN NAN NAN

L15.Temp 0.042873 NAN NAN NAN

L15.Precip. horaria -0.007472 0.000002 -4643.229 0.000

L15.Temp. prom aire 0.100720 0.000000 13562134.571 0.000

L16.Conduct -0.180230 NAN NAN NAN

L16.Water 0.130086 0.000000 24073658.857 0.000

L16.Temp -0.125078 0.000000 -10801318.475 0.000

L16.Precip. horaria 0.008136 NAN NAN NAN

L16.Temp. prom aire 0.059597 NAN NAN NAN

L17.Conduct -0.000326 0.000000 -27336.480 0.000

L17.Water -0.281574 NAN NAN NAN

L17.Temp 0.349255 NAN NAN NAN

L17.Precip. horaria -0.008295 NAN NAN NAN

L17.Temp. prom aire -0.001263 NAN NAN NAN

L18.Conduct 0.112110 0.000000 10012115.796 0.000

L18.Water 0.050908 0.000000 5011636.979 0.000

L18.Temp -0.003775 0.000000 -461160.419 0.000

L18.Precip. horaria 0.005425 0.000001 3808.782 0.000

L18.Temp. prom aire -0.002927 0.000000 -143439.641 0.000

L19.Conduct 0.062596 NAN NAN NAN

L19.Water -0.148205 0.000000 -9607681.818 0.000

L19.Temp 0.010250 0.000000 784438.471 0.000

L19.Precip. horaria 0.002782 NAN NAN NAN

L19.Temp. prom aire 0.052202 NAN NAN NAN

L20.Conduct 0.080287 0.000000 10490194.639 0.000

L20.Water 0.030434 0.000000 8246401.215 0.000

L20.Temp -0.135997 NAN NAN NAN

L20.Precip. horaria -0.009444 NAN NAN NAN

L20.Temp. prom aire 0.084225 0.000000 16382957.513 0.000

L21.Conduct -0.031008 NAN NAN NAN

L21.Water 0.017113 NAN NAN NAN

L21.Temp -0.069727 NAN NAN NAN

L21.Precip. horaria -0.003965 NAN NAN NAN

L21.Temp. prom aire 0.004453 NAN NAN NAN

L22.Conduct -0.058408 NAN NAN NAN

L22.Water -0.076312 NAN NAN NAN

L22.Temp -0.008458 NAN NAN NAN

L22.Precip. horaria 0.009888 NAN NAN NAN

L22.Temp. prom aire -0.377920 0.000000 -55817995.516 0.000

L23.Conduct 0.207356 NAN NAN NAN

L23.Water 0.204411 0.000000 101389759.499 0.000

L23.Temp 0.024389 NAN NAN NAN

L23.Precip. horaria 0.014662 NAN NAN NAN

L23.Temp. prom aire 0.026616 NAN NAN NAN

L24.Conduct 0.011071 0.000000 2724429.992 0.000

L24.Water -0.018233 NAN NAN NAN

L24.Temp -0.048626 0.000000 -12687656.954 0.000

L24.Precip. horaria -0.010245 NAN NAN NAN

L24.Temp. prom aire -0.077035 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.646189 0.037815 -0.318197 -0.127171

Water 0.646189 1.000000 0.292835 -0.406780 -0.004974

Temp 0.037815 0.292835 1.000000 -0.185605 0.440551

Precip. horaria -0.318197 -0.406780 -0.185605 1.000000 -0.117568

Temp. prom aire -0.127171 -0.004974 0.440551 -0.117568 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -262.558

Nobs: 47.0000 HQIC: -277.412

Log likelihood: 7001.33 FPE: -1.69455e-134

AIC: -286.374 Det(Omega\_mle): -2.90401e-137

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.008393 NAN NAN NAN

L1.Conduct 0.589802 NAN NAN NAN

L1.Water -0.230376 NAN NAN NAN

L1.Temp 0.263468 NAN NAN NAN

L1.Precip. horaria 0.246049 0.000003 70604.926 0.000

L1.Temp. prom aire -0.783014 0.000000 -14153191.831 0.000

L2.Conduct -0.186838 0.000000 -15136044.827 0.000

L2.Water 0.590912 NAN NAN NAN

L2.Temp 1.617640 NAN NAN NAN

L2.Precip. horaria 0.087470 NAN NAN NAN

L2.Temp. prom aire -0.781254 NAN NAN NAN

L3.Conduct 0.442028 0.000000 58599125.448 0.000

L3.Water 0.268356 NAN NAN NAN

L3.Temp -1.051678 NAN NAN NAN

L3.Precip. horaria -0.089975 NAN NAN NAN

L3.Temp. prom aire -0.160289 NAN NAN NAN

L4.Conduct -0.679712 NAN NAN NAN

L4.Water 0.346502 NAN NAN NAN

L4.Temp -0.288712 0.000000 -5002770.759 0.000

L4.Precip. horaria 0.039518 NAN NAN NAN

L4.Temp. prom aire 0.564415 NAN NAN NAN

L5.Conduct -0.030452 NAN NAN NAN

L5.Water -0.011941 NAN NAN NAN

L5.Temp -1.155117 NAN NAN NAN

L5.Precip. horaria -0.097608 NAN NAN NAN

L5.Temp. prom aire -2.008780 NAN NAN NAN

L6.Conduct -0.190971 NAN NAN NAN

L6.Water 0.295884 NAN NAN NAN

L6.Temp -0.399944 NAN NAN NAN

L6.Precip. horaria 0.102806 NAN NAN NAN

L6.Temp. prom aire 0.679616 NAN NAN NAN

L7.Conduct 0.544316 NAN NAN NAN

L7.Water -0.137557 NAN NAN NAN

L7.Temp -0.510989 NAN NAN NAN

L7.Precip. horaria -0.017977 NAN NAN NAN

L7.Temp. prom aire -0.339448 NAN NAN NAN

L8.Conduct 0.101731 NAN NAN NAN

L8.Water -0.002204 NAN NAN NAN

L8.Temp 0.046604 NAN NAN NAN

L8.Precip. horaria 0.050031 NAN NAN NAN

L8.Temp. prom aire -0.748337 NAN NAN NAN

L9.Conduct -0.237158 NAN NAN NAN

L9.Water -0.530010 NAN NAN NAN

L9.Temp -0.618695 NAN NAN NAN

L9.Precip. horaria -0.016184 NAN NAN NAN

L9.Temp. prom aire -1.704028 NAN NAN NAN

L10.Conduct -0.347941 NAN NAN NAN

L10.Water -0.551690 NAN NAN NAN

L10.Temp -0.210208 NAN NAN NAN

L10.Precip. horaria -0.000900 NAN NAN NAN

L10.Temp. prom aire 1.872233 NAN NAN NAN

L11.Conduct 0.166998 NAN NAN NAN

L11.Water -0.088287 NAN NAN NAN

L11.Temp -1.589545 NAN NAN NAN

L11.Precip. horaria 0.010825 NAN NAN NAN

L11.Temp. prom aire 1.689219 NAN NAN NAN

L12.Conduct 0.113081 NAN NAN NAN

L12.Water 0.080772 NAN NAN NAN

L12.Temp 0.452792 NAN NAN NAN

L12.Precip. horaria 0.021487 NAN NAN NAN

L12.Temp. prom aire 2.817123 NAN NAN NAN

L13.Conduct 0.301368 NAN NAN NAN

L13.Water -0.321324 NAN NAN NAN

L13.Temp 1.609213 NAN NAN NAN

L13.Precip. horaria -0.051866 NAN NAN NAN

L13.Temp. prom aire -1.685413 NAN NAN NAN

L14.Conduct -0.275293 NAN NAN NAN

L14.Water -0.174978 NAN NAN NAN

L14.Temp 0.580004 NAN NAN NAN

L14.Precip. horaria 0.010877 NAN NAN NAN

L14.Temp. prom aire -0.137714 NAN NAN NAN

L15.Conduct 0.071512 NAN NAN NAN

L15.Water 0.420877 NAN NAN NAN

L15.Temp -0.211926 NAN NAN NAN

L15.Precip. horaria 0.009857 NAN NAN NAN

L15.Temp. prom aire 1.011703 NAN NAN NAN

L16.Conduct -0.126334 NAN NAN NAN

L16.Water 0.377923 0.000000 4512517.588 0.000

L16.Temp -0.683298 NAN NAN NAN

L16.Precip. horaria -0.017328 NAN NAN NAN

L16.Temp. prom aire -0.994762 NAN NAN NAN

L17.Conduct 0.183304 NAN NAN NAN

L17.Water -0.055941 NAN NAN NAN

L17.Temp -0.788537 NAN NAN NAN

L17.Precip. horaria 0.040235 0.000013 3115.249 0.000

L17.Temp. prom aire 0.570118 NAN NAN NAN

L18.Conduct 0.146637 NAN NAN NAN

L18.Water -0.184640 NAN NAN NAN

L18.Temp -1.394753 NAN NAN NAN

L18.Precip. horaria 0.011138 NAN NAN NAN

L18.Temp. prom aire -2.071495 NAN NAN NAN

L19.Conduct -0.049336 NAN NAN NAN

L19.Water -0.043782 NAN NAN NAN

L19.Temp -0.563418 NAN NAN NAN

L19.Precip. horaria -0.084629 NAN NAN NAN

L19.Temp. prom aire -0.583486 0.000000 -10249906.173 0.000

L20.Conduct 0.015862 NAN NAN NAN

L20.Water 0.058414 NAN NAN NAN

L20.Temp 1.367955 NAN NAN NAN

L20.Precip. horaria -0.014352 NAN NAN NAN

L20.Temp. prom aire -1.971138 0.000000 -16182817.054 0.000

L21.Conduct 0.171158 NAN NAN NAN

L21.Water -0.065515 NAN NAN NAN

L21.Temp 0.628067 NAN NAN NAN

L21.Precip. horaria 0.019298 NAN NAN NAN

L21.Temp. prom aire 2.737636 NAN NAN NAN

L22.Conduct -0.307601 NAN NAN NAN

L22.Water 1.116400 NAN NAN NAN

L22.Temp 0.079386 NAN NAN NAN

L22.Precip. horaria 0.026805 NAN NAN NAN

L22.Temp. prom aire -0.462618 NAN NAN NAN

L23.Conduct 0.625685 NAN NAN NAN

L23.Water 0.208452 NAN NAN NAN

L23.Temp 2.265470 0.000000 14833713.245 0.000

L23.Precip. horaria 0.067524 NAN NAN NAN

L23.Temp. prom aire 0.452001 NAN NAN NAN

L24.Conduct -0.459545 NAN NAN NAN

L24.Water -0.051433 NAN NAN NAN

L24.Temp 0.856530 NAN NAN NAN

L24.Precip. horaria -0.036488 NAN NAN NAN

L24.Temp. prom aire 3.757192 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.001032 NAN NAN NAN

L1.Conduct 0.025782 NAN NAN NAN

L1.Water 0.001212 NAN NAN NAN

L1.Temp 0.017388 NAN NAN NAN

L1.Precip. horaria 0.012065 0.000000 31912.327 0.000

L1.Temp. prom aire -0.046759 0.000000 -7790653.597 0.000

L2.Conduct -0.000716 0.000000 -534555.216 0.000

L2.Water 0.047326 NAN NAN NAN

L2.Temp 0.118728 NAN NAN NAN

L2.Precip. horaria 0.007116 NAN NAN NAN

L2.Temp. prom aire -0.054862 NAN NAN NAN

L3.Conduct 0.054226 0.000000 66262679.226 0.000

L3.Water 0.017432 NAN NAN NAN

L3.Temp -0.069233 NAN NAN NAN

L3.Precip. horaria -0.005596 NAN NAN NAN

L3.Temp. prom aire -0.038965 NAN NAN NAN

L4.Conduct -0.025935 NAN NAN NAN

L4.Water 0.043351 NAN NAN NAN

L4.Temp 0.024384 0.000000 3894619.430 0.000

L4.Precip. horaria 0.007363 NAN NAN NAN

L4.Temp. prom aire 0.051851 NAN NAN NAN

L5.Conduct -0.003542 NAN NAN NAN

L5.Water 0.012940 NAN NAN NAN

L5.Temp -0.065017 NAN NAN NAN

L5.Precip. horaria -0.006795 NAN NAN NAN

L5.Temp. prom aire -0.118187 NAN NAN NAN

L6.Conduct -0.026628 NAN NAN NAN

L6.Water 0.028005 NAN NAN NAN

L6.Temp 0.006431 NAN NAN NAN

L6.Precip. horaria 0.004219 NAN NAN NAN

L6.Temp. prom aire 0.071560 NAN NAN NAN

L7.Conduct 0.046181 NAN NAN NAN

L7.Water -0.008098 NAN NAN NAN

L7.Temp -0.016792 NAN NAN NAN

L7.Precip. horaria -0.004165 NAN NAN NAN

L7.Temp. prom aire -0.001135 NAN NAN NAN

L8.Conduct 0.014976 NAN NAN NAN

L8.Water 0.001299 NAN NAN NAN

L8.Temp 0.005594 NAN NAN NAN

L8.Precip. horaria 0.003820 NAN NAN NAN

L8.Temp. prom aire 0.003769 NAN NAN NAN

L9.Conduct -0.013382 NAN NAN NAN

L9.Water -0.031547 NAN NAN NAN

L9.Temp -0.039769 NAN NAN NAN

L9.Precip. horaria -0.000846 NAN NAN NAN

L9.Temp. prom aire -0.089217 NAN NAN NAN

L10.Conduct -0.023465 NAN NAN NAN

L10.Water -0.033819 NAN NAN NAN

L10.Temp 0.040093 NAN NAN NAN

L10.Precip. horaria 0.000302 NAN NAN NAN

L10.Temp. prom aire 0.137428 NAN NAN NAN

L11.Conduct 0.011894 NAN NAN NAN

L11.Water -0.017091 NAN NAN NAN

L11.Temp -0.062382 NAN NAN NAN

L11.Precip. horaria -0.000368 NAN NAN NAN

L11.Temp. prom aire 0.145926 NAN NAN NAN

L12.Conduct 0.010775 NAN NAN NAN

L12.Water -0.005305 NAN NAN NAN

L12.Temp 0.032503 NAN NAN NAN

L12.Precip. horaria 0.002043 NAN NAN NAN

L12.Temp. prom aire 0.197217 NAN NAN NAN

L13.Conduct 0.026585 NAN NAN NAN

L13.Water -0.031571 NAN NAN NAN

L13.Temp 0.053796 NAN NAN NAN

L13.Precip. horaria -0.002540 NAN NAN NAN

L13.Temp. prom aire -0.103729 NAN NAN NAN

L14.Conduct -0.017029 NAN NAN NAN

L14.Water -0.041664 NAN NAN NAN

L14.Temp 0.009417 NAN NAN NAN

L14.Precip. horaria 0.000605 NAN NAN NAN

L14.Temp. prom aire -0.079037 NAN NAN NAN

L15.Conduct 0.013860 NAN NAN NAN

L15.Water -0.005858 NAN NAN NAN

L15.Temp -0.018762 NAN NAN NAN

L15.Precip. horaria -0.000230 NAN NAN NAN

L15.Temp. prom aire 0.095739 NAN NAN NAN

L16.Conduct -0.004683 NAN NAN NAN

L16.Water 0.013494 0.000000 1485179.186 0.000

L16.Temp -0.036260 NAN NAN NAN

L16.Precip. horaria -0.001294 NAN NAN NAN

L16.Temp. prom aire -0.100752 NAN NAN NAN

L17.Conduct -0.009320 NAN NAN NAN

L17.Water -0.015942 NAN NAN NAN

L17.Temp -0.042951 NAN NAN NAN

L17.Precip. horaria 0.000909 0.000001 648.802 0.000

L17.Temp. prom aire 0.035497 NAN NAN NAN

L18.Conduct 0.017604 NAN NAN NAN

L18.Water -0.043681 NAN NAN NAN

L18.Temp -0.068631 NAN NAN NAN

L18.Precip. horaria 0.000838 NAN NAN NAN

L18.Temp. prom aire -0.137697 NAN NAN NAN

L19.Conduct 0.001564 NAN NAN NAN

L19.Water -0.031241 NAN NAN NAN

L19.Temp -0.035734 NAN NAN NAN

L19.Precip. horaria -0.004406 NAN NAN NAN

L19.Temp. prom aire 0.007008 0.000000 1134728.041 0.000

L20.Conduct -0.006039 NAN NAN NAN

L20.Water 0.020723 NAN NAN NAN

L20.Temp 0.105169 NAN NAN NAN

L20.Precip. horaria -0.000913 NAN NAN NAN

L20.Temp. prom aire -0.087733 0.000000 -6639249.974 0.000

L21.Conduct -0.011385 NAN NAN NAN

L21.Water 0.020140 NAN NAN NAN

L21.Temp 0.056223 NAN NAN NAN

L21.Precip. horaria 0.000894 NAN NAN NAN

L21.Temp. prom aire 0.189749 NAN NAN NAN

L22.Conduct -0.038046 NAN NAN NAN

L22.Water 0.096240 NAN NAN NAN

L22.Temp 0.021238 NAN NAN NAN

L22.Precip. horaria 0.001847 NAN NAN NAN

L22.Temp. prom aire -0.048579 NAN NAN NAN

L23.Conduct 0.069835 NAN NAN NAN

L23.Water 0.076379 NAN NAN NAN

L23.Temp 0.140117 0.000000 8456712.710 0.000

L23.Precip. horaria 0.003135 NAN NAN NAN

L23.Temp. prom aire 0.022559 NAN NAN NAN

L24.Conduct -0.031113 NAN NAN NAN

L24.Water 0.012936 NAN NAN NAN

L24.Temp 0.077782 NAN NAN NAN

L24.Precip. horaria -0.003540 NAN NAN NAN

L24.Temp. prom aire 0.264952 NAN NAN NAN

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Results for equation Temp

===============================================================

coefficient std. error t-stat prob

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const 0.000486 NAN NAN NAN

L1.Conduct -0.014758 NAN NAN NAN

L1.Water 0.018152 NAN NAN NAN

L1.Temp -0.031925 NAN NAN NAN

L1.Precip. horaria -0.019599 0.000000 -84948.727 0.000

L1.Temp. prom aire 0.034239 0.000000 9348105.419 0.000

L2.Conduct 0.044661 0.000000 54649247.556 0.000

L2.Water 0.015712 NAN NAN NAN

L2.Temp 0.099167 NAN NAN NAN

L2.Precip. horaria 0.008896 NAN NAN NAN

L2.Temp. prom aire 0.012678 NAN NAN NAN

L3.Conduct -0.010101 0.000000 -20225718.141 0.000

L3.Water -0.017193 NAN NAN NAN

L3.Temp 0.042479 NAN NAN NAN

L3.Precip. horaria -0.005294 NAN NAN NAN

L3.Temp. prom aire -0.012962 NAN NAN NAN

L4.Conduct 0.017981 NAN NAN NAN

L4.Water 0.057844 NAN NAN NAN

L4.Temp 0.124524 0.000000 32591962.102 0.000

L4.Precip. horaria 0.015860 NAN NAN NAN

L4.Temp. prom aire 0.038149 NAN NAN NAN

L5.Conduct -0.032895 NAN NAN NAN

L5.Water 0.009853 NAN NAN NAN

L5.Temp -0.005184 NAN NAN NAN

L5.Precip. horaria -0.003529 NAN NAN NAN

L5.Temp. prom aire 0.081533 NAN NAN NAN

L6.Conduct -0.021823 NAN NAN NAN

L6.Water 0.003205 NAN NAN NAN

L6.Temp 0.105764 NAN NAN NAN

L6.Precip. horaria -0.004715 NAN NAN NAN

L6.Temp. prom aire -0.086657 NAN NAN NAN

L7.Conduct 0.051167 NAN NAN NAN

L7.Water -0.043466 NAN NAN NAN

L7.Temp 0.026695 NAN NAN NAN

L7.Precip. horaria -0.010083 NAN NAN NAN

L7.Temp. prom aire -0.019553 NAN NAN NAN

L8.Conduct 0.021806 NAN NAN NAN

L8.Water -0.061896 NAN NAN NAN

L8.Temp 0.055521 NAN NAN NAN

L8.Precip. horaria 0.002814 NAN NAN NAN

L8.Temp. prom aire 0.068912 NAN NAN NAN

L9.Conduct -0.007244 NAN NAN NAN

L9.Water -0.064238 NAN NAN NAN

L9.Temp -0.068450 NAN NAN NAN

L9.Precip. horaria -0.001065 NAN NAN NAN

L9.Temp. prom aire 0.114175 NAN NAN NAN

L10.Conduct -0.005468 NAN NAN NAN

L10.Water -0.045571 NAN NAN NAN

L10.Temp 0.205267 NAN NAN NAN

L10.Precip. horaria 0.004608 NAN NAN NAN

L10.Temp. prom aire 0.013878 NAN NAN NAN

L11.Conduct -0.014625 NAN NAN NAN

L11.Water -0.062626 NAN NAN NAN

L11.Temp 0.014802 NAN NAN NAN

L11.Precip. horaria -0.003621 NAN NAN NAN

L11.Temp. prom aire 0.088311 NAN NAN NAN

L12.Conduct 0.023547 NAN NAN NAN

L12.Water -0.016956 NAN NAN NAN

L12.Temp 0.082097 NAN NAN NAN

L12.Precip. horaria 0.001330 NAN NAN NAN

L12.Temp. prom aire -0.120216 NAN NAN NAN

L13.Conduct 0.014997 NAN NAN NAN

L13.Water 0.046434 NAN NAN NAN

L13.Temp -0.115582 NAN NAN NAN

L13.Precip. horaria 0.002855 NAN NAN NAN

L13.Temp. prom aire 0.136680 NAN NAN NAN

L14.Conduct 0.003587 NAN NAN NAN

L14.Water -0.014195 NAN NAN NAN

L14.Temp -0.037916 NAN NAN NAN

L14.Precip. horaria -0.000647 NAN NAN NAN

L14.Temp. prom aire -0.115581 NAN NAN NAN

L15.Conduct -0.015970 NAN NAN NAN

L15.Water -0.051039 NAN NAN NAN

L15.Temp 0.001397 NAN NAN NAN

L15.Precip. horaria -0.005853 NAN NAN NAN

L15.Temp. prom aire 0.097729 NAN NAN NAN

L16.Conduct -0.005165 NAN NAN NAN

L16.Water 0.070093 0.000000 12641551.815 0.000

L16.Temp 0.002853 NAN NAN NAN

L16.Precip. horaria 0.004019 NAN NAN NAN

L16.Temp. prom aire -0.011399 NAN NAN NAN

L17.Conduct -0.025068 NAN NAN NAN

L17.Water 0.053081 NAN NAN NAN

L17.Temp -0.028940 NAN NAN NAN

L17.Precip. horaria -0.008413 0.000001 -9839.295 0.000

L17.Temp. prom aire -0.040876 NAN NAN NAN

L18.Conduct 0.041253 NAN NAN NAN

L18.Water -0.013658 NAN NAN NAN

L18.Temp 0.025502 NAN NAN NAN

L18.Precip. horaria 0.002849 NAN NAN NAN

L18.Temp. prom aire -0.004547 NAN NAN NAN

L19.Conduct 0.014454 NAN NAN NAN

L19.Water -0.114771 NAN NAN NAN

L19.Temp 0.030301 NAN NAN NAN

L19.Precip. horaria 0.004013 NAN NAN NAN

L19.Temp. prom aire 0.084339 0.000000 22378576.516 0.000

L20.Conduct -0.016469 NAN NAN NAN

L20.Water -0.014350 NAN NAN NAN

L20.Temp -0.109890 NAN NAN NAN

L20.Precip. horaria -0.005940 NAN NAN NAN

L20.Temp. prom aire 0.148093 0.000000 18364673.476 0.000

L21.Conduct -0.037974 NAN NAN NAN

L21.Water 0.118890 NAN NAN NAN

L21.Temp 0.023019 NAN NAN NAN

L21.Precip. horaria 0.001711 NAN NAN NAN

L21.Temp. prom aire -0.103440 NAN NAN NAN

L22.Conduct -0.007007 NAN NAN NAN

L22.Water -0.068223 NAN NAN NAN

L22.Temp -0.094042 NAN NAN NAN

L22.Precip. horaria 0.003100 NAN NAN NAN

L22.Temp. prom aire -0.191499 NAN NAN NAN

L23.Conduct 0.016608 NAN NAN NAN

L23.Water 0.258310 NAN NAN NAN

L23.Temp -0.051048 0.000000 -5048748.452 0.000

L23.Precip. horaria 0.005805 NAN NAN NAN

L23.Temp. prom aire -0.020493 NAN NAN NAN

L24.Conduct 0.019960 NAN NAN NAN

L24.Water 0.123409 NAN NAN NAN

L24.Temp -0.016083 NAN NAN NAN

L24.Precip. horaria -0.005069 NAN NAN NAN

L24.Temp. prom aire -0.097956 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000013 NAN NAN NAN

L1.Conduct -0.003114 NAN NAN NAN

L1.Water 0.001100 NAN NAN NAN

L1.Temp -0.002868 NAN NAN NAN

L1.Precip. horaria -0.000403 0.000000 -70482.429 0.000

L1.Temp. prom aire -0.005597 0.000000 -61599222.585 0.000

L2.Conduct 0.001584 0.000000 78134755.853 0.000

L2.Water 0.003034 NAN NAN NAN

L2.Temp 0.000224 NAN NAN NAN

L2.Precip. horaria 0.000139 NAN NAN NAN

L2.Temp. prom aire 0.000242 NAN NAN NAN

L3.Conduct -0.001388 0.000000 -112057753.428 0.000

L3.Water -0.001672 NAN NAN NAN

L3.Temp -0.008175 NAN NAN NAN

L3.Precip. horaria -0.000933 NAN NAN NAN

L3.Temp. prom aire -0.002663 NAN NAN NAN

L4.Conduct 0.002941 NAN NAN NAN

L4.Water -0.000400 NAN NAN NAN

L4.Temp -0.001309 0.000000 -13806098.321 0.000

L4.Precip. horaria -0.000005 NAN NAN NAN

L4.Temp. prom aire -0.005010 NAN NAN NAN

L5.Conduct -0.002051 NAN NAN NAN

L5.Water -0.001141 NAN NAN NAN

L5.Temp -0.005391 NAN NAN NAN

L5.Precip. horaria 0.000165 NAN NAN NAN

L5.Temp. prom aire 0.002279 NAN NAN NAN

L6.Conduct 0.000567 NAN NAN NAN

L6.Water 0.000445 NAN NAN NAN

L6.Temp 0.002872 NAN NAN NAN

L6.Precip. horaria 0.000318 NAN NAN NAN

L6.Temp. prom aire -0.000475 NAN NAN NAN

L7.Conduct 0.002993 NAN NAN NAN

L7.Water 0.000371 NAN NAN NAN

L7.Temp 0.007208 NAN NAN NAN

L7.Precip. horaria -0.000193 NAN NAN NAN

L7.Temp. prom aire -0.001013 NAN NAN NAN

L8.Conduct -0.002160 NAN NAN NAN

L8.Water -0.000303 NAN NAN NAN

L8.Temp 0.005243 NAN NAN NAN

L8.Precip. horaria 0.000183 NAN NAN NAN

L8.Temp. prom aire 0.001383 NAN NAN NAN

L9.Conduct -0.002637 NAN NAN NAN

L9.Water -0.000993 NAN NAN NAN

L9.Temp -0.008909 NAN NAN NAN

L9.Precip. horaria 0.000033 NAN NAN NAN

L9.Temp. prom aire 0.006886 NAN NAN NAN

L10.Conduct 0.000994 NAN NAN NAN

L10.Water 0.001950 NAN NAN NAN

L10.Temp -0.005830 NAN NAN NAN

L10.Precip. horaria 0.000249 NAN NAN NAN

L10.Temp. prom aire 0.000043 NAN NAN NAN

L11.Conduct 0.000797 NAN NAN NAN

L11.Water 0.002960 NAN NAN NAN

L11.Temp -0.003107 NAN NAN NAN

L11.Precip. horaria -0.000037 NAN NAN NAN

L11.Temp. prom aire 0.006091 NAN NAN NAN

L12.Conduct 0.000639 NAN NAN NAN

L12.Water 0.002640 NAN NAN NAN

L12.Temp 0.008167 NAN NAN NAN

L12.Precip. horaria -0.000272 NAN NAN NAN

L12.Temp. prom aire -0.016276 NAN NAN NAN

L13.Conduct -0.000271 NAN NAN NAN

L13.Water 0.003129 NAN NAN NAN

L13.Temp 0.002537 NAN NAN NAN

L13.Precip. horaria -0.000130 NAN NAN NAN

L13.Temp. prom aire 0.010777 NAN NAN NAN

L14.Conduct -0.000875 NAN NAN NAN

L14.Water -0.000767 NAN NAN NAN

L14.Temp 0.001097 NAN NAN NAN

L14.Precip. horaria 0.000030 NAN NAN NAN

L14.Temp. prom aire -0.008014 NAN NAN NAN

L15.Conduct 0.003457 NAN NAN NAN

L15.Water -0.006355 NAN NAN NAN

L15.Temp 0.000407 NAN NAN NAN

L15.Precip. horaria -0.000183 NAN NAN NAN

L15.Temp. prom aire 0.011402 NAN NAN NAN

L16.Conduct 0.001471 NAN NAN NAN

L16.Water -0.002883 0.000000 -20963989.923 0.000

L16.Temp -0.004073 NAN NAN NAN

L16.Precip. horaria 0.000400 NAN NAN NAN

L16.Temp. prom aire 0.003467 NAN NAN NAN

L17.Conduct -0.005683 NAN NAN NAN

L17.Water 0.001918 NAN NAN NAN

L17.Temp -0.004530 NAN NAN NAN

L17.Precip. horaria 0.000192 0.000000 9041.878 0.000

L17.Temp. prom aire -0.005782 NAN NAN NAN

L18.Conduct -0.000161 NAN NAN NAN

L18.Water 0.001875 NAN NAN NAN

L18.Temp -0.000033 NAN NAN NAN

L18.Precip. horaria -0.000109 NAN NAN NAN

L18.Temp. prom aire -0.009878 NAN NAN NAN

L19.Conduct 0.001350 NAN NAN NAN

L19.Water -0.003534 NAN NAN NAN

L19.Temp 0.005570 NAN NAN NAN

L19.Precip. horaria 0.000010 NAN NAN NAN

L19.Temp. prom aire -0.004828 0.000000 -51640873.708 0.000

L20.Conduct 0.002766 NAN NAN NAN

L20.Water -0.003327 NAN NAN NAN

L20.Temp -0.000471 NAN NAN NAN

L20.Precip. horaria -0.000328 NAN NAN NAN

L20.Temp. prom aire 0.007611 0.000000 38049569.873 0.000

L21.Conduct -0.000302 NAN NAN NAN

L21.Water 0.006043 NAN NAN NAN

L21.Temp -0.001340 NAN NAN NAN

L21.Precip. horaria -0.000153 NAN NAN NAN

L21.Temp. prom aire 0.001700 NAN NAN NAN

L22.Conduct -0.003502 NAN NAN NAN

L22.Water -0.001496 NAN NAN NAN

L22.Temp 0.007512 NAN NAN NAN

L22.Precip. horaria 0.000347 NAN NAN NAN

L22.Temp. prom aire -0.001862 NAN NAN NAN

L23.Conduct 0.001665 NAN NAN NAN

L23.Water 0.002680 NAN NAN NAN

L23.Temp -0.000279 0.000000 -1111774.577 0.000

L23.Precip. horaria 0.000463 NAN NAN NAN

L23.Temp. prom aire 0.010212 NAN NAN NAN

L24.Conduct -0.000268 NAN NAN NAN

L24.Water 0.010769 NAN NAN NAN

L24.Temp 0.000259 NAN NAN NAN

L24.Precip. horaria -0.000263 NAN NAN NAN

L24.Temp. prom aire -0.003258 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000705 NAN NAN NAN

L1.Conduct 0.028302 NAN NAN NAN

L1.Water -0.016436 NAN NAN NAN

L1.Temp -0.153457 NAN NAN NAN

L1.Precip. horaria -0.026209 0.000000 -88814.500 0.000

L1.Temp. prom aire -0.277865 0.000000 -59311275.738 0.000

L2.Conduct 0.048606 0.000000 46500134.042 0.000

L2.Water 0.017831 NAN NAN NAN

L2.Temp 0.248348 NAN NAN NAN

L2.Precip. horaria 0.020123 NAN NAN NAN

L2.Temp. prom aire -0.043028 NAN NAN NAN

L3.Conduct -0.076946 0.000000 -120460780.106 0.000

L3.Water -0.034750 NAN NAN NAN

L3.Temp -0.015639 NAN NAN NAN

L3.Precip. horaria -0.009303 NAN NAN NAN

L3.Temp. prom aire -0.019509 NAN NAN NAN

L4.Conduct 0.032464 NAN NAN NAN

L4.Water 0.095083 NAN NAN NAN

L4.Temp 0.190320 0.000000 38944761.009 0.000

L4.Precip. horaria 0.024009 NAN NAN NAN

L4.Temp. prom aire 0.001221 NAN NAN NAN

L5.Conduct -0.033628 NAN NAN NAN

L5.Water 0.015386 NAN NAN NAN

L5.Temp -0.030198 NAN NAN NAN

L5.Precip. horaria -0.007727 NAN NAN NAN

L5.Temp. prom aire 0.242146 NAN NAN NAN

L6.Conduct 0.002753 NAN NAN NAN

L6.Water -0.012876 NAN NAN NAN

L6.Temp 0.172595 NAN NAN NAN

L6.Precip. horaria -0.005316 NAN NAN NAN

L6.Temp. prom aire -0.184969 NAN NAN NAN

L7.Conduct 0.051817 NAN NAN NAN

L7.Water -0.088379 NAN NAN NAN

L7.Temp -0.105328 NAN NAN NAN

L7.Precip. horaria -0.013760 NAN NAN NAN

L7.Temp. prom aire 0.021056 NAN NAN NAN

L8.Conduct 0.002232 NAN NAN NAN

L8.Water -0.084789 NAN NAN NAN

L8.Temp -0.121599 NAN NAN NAN

L8.Precip. horaria 0.008939 NAN NAN NAN

L8.Temp. prom aire -0.287101 NAN NAN NAN

L9.Conduct -0.023080 NAN NAN NAN

L9.Water -0.106876 NAN NAN NAN

L9.Temp 0.158657 NAN NAN NAN

L9.Precip. horaria -0.006868 NAN NAN NAN

L9.Temp. prom aire 0.216698 NAN NAN NAN

L10.Conduct 0.056964 NAN NAN NAN

L10.Water -0.048387 NAN NAN NAN

L10.Temp 0.309261 NAN NAN NAN

L10.Precip. horaria 0.006942 NAN NAN NAN

L10.Temp. prom aire 0.156270 NAN NAN NAN

L11.Conduct -0.060912 NAN NAN NAN

L11.Water -0.081139 NAN NAN NAN

L11.Temp -0.191563 NAN NAN NAN

L11.Precip. horaria -0.003683 NAN NAN NAN

L11.Temp. prom aire -0.056903 NAN NAN NAN

L12.Conduct 0.075623 NAN NAN NAN

L12.Water 0.007271 NAN NAN NAN

L12.Temp 0.265170 NAN NAN NAN

L12.Precip. horaria -0.000809 NAN NAN NAN

L12.Temp. prom aire -0.044270 NAN NAN NAN

L13.Conduct -0.036610 NAN NAN NAN

L13.Water 0.091931 NAN NAN NAN

L13.Temp -0.121209 NAN NAN NAN

L13.Precip. horaria 0.006149 NAN NAN NAN

L13.Temp. prom aire 0.249109 NAN NAN NAN

L14.Conduct 0.034205 NAN NAN NAN

L14.Water 0.018081 NAN NAN NAN

L14.Temp 0.017160 NAN NAN NAN

L14.Precip. horaria 0.002014 NAN NAN NAN

L14.Temp. prom aire -0.081126 NAN NAN NAN

L15.Conduct -0.020208 NAN NAN NAN

L15.Water 0.057609 NAN NAN NAN

L15.Temp -0.027055 NAN NAN NAN

L15.Precip. horaria -0.009042 NAN NAN NAN

L15.Temp. prom aire 0.168818 NAN NAN NAN

L16.Conduct 0.007670 NAN NAN NAN

L16.Water 0.231788 0.000000 32683302.336 0.000

L16.Temp 0.064932 NAN NAN NAN

L16.Precip. horaria 0.005617 NAN NAN NAN

L16.Temp. prom aire -0.174908 NAN NAN NAN

L17.Conduct -0.093042 NAN NAN NAN

L17.Water 0.106497 NAN NAN NAN

L17.Temp 0.033685 NAN NAN NAN

L17.Precip. horaria -0.013821 0.000001 -12637.312 0.000

L17.Temp. prom aire 0.028868 NAN NAN NAN

L18.Conduct 0.090364 NAN NAN NAN

L18.Water -0.000462 NAN NAN NAN

L18.Temp -0.069484 NAN NAN NAN

L18.Precip. horaria 0.004830 NAN NAN NAN

L18.Temp. prom aire 0.155892 NAN NAN NAN

L19.Conduct -0.042852 NAN NAN NAN

L19.Water -0.152269 NAN NAN NAN

L19.Temp 0.112692 NAN NAN NAN

L19.Precip. horaria 0.005657 NAN NAN NAN

L19.Temp. prom aire -0.013122 0.000000 -2722169.928 0.000

L20.Conduct 0.060983 NAN NAN NAN

L20.Water -0.068279 NAN NAN NAN

L20.Temp -0.147174 NAN NAN NAN

L20.Precip. horaria -0.008906 NAN NAN NAN

L20.Temp. prom aire 0.223167 0.000000 21636387.601 0.000

L21.Conduct -0.104389 NAN NAN NAN

L21.Water 0.087387 NAN NAN NAN

L21.Temp -0.002985 NAN NAN NAN

L21.Precip. horaria 0.001615 NAN NAN NAN

L21.Temp. prom aire -0.092694 NAN NAN NAN

L22.Conduct 0.046856 NAN NAN NAN

L22.Water 0.049415 NAN NAN NAN

L22.Temp -0.195323 NAN NAN NAN

L22.Precip. horaria 0.012960 NAN NAN NAN

L22.Temp. prom aire -0.470771 NAN NAN NAN

L23.Conduct -0.068972 NAN NAN NAN

L23.Water 0.299535 NAN NAN NAN

L23.Temp -0.012703 0.000000 -982227.227 0.000

L23.Precip. horaria 0.008643 NAN NAN NAN

L23.Temp. prom aire -0.023682 NAN NAN NAN

L24.Conduct 0.066230 NAN NAN NAN

L24.Water -0.118758 NAN NAN NAN

L24.Temp 0.089318 NAN NAN NAN

L24.Precip. horaria -0.012615 NAN NAN NAN

L24.Temp. prom aire -0.051707 NAN NAN NAN

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.982768 0.590848 0.817065 0.721358

Water 0.982768 1.000000 0.688069 0.831416 0.776250

Temp 0.590848 0.688069 1.000000 0.628221 0.784697

Precip. horaria 0.817065 0.831416 0.628221 1.000000 0.723380

Temp. prom aire 0.721358 0.776250 0.784697 0.723380 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -272.172

Nobs: 47.0000 HQIC: -287.025

Log likelihood: 7227.25 FPE: -1.13230e-138

AIC: -295.987 Det(Omega\_mle): -1.94046e-141

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.002951 NAN NAN NAN

L1.Conduct 0.278345 NAN NAN NAN

L1.Water 0.038090 NAN NAN NAN

L1.Temp -0.085923 NAN NAN NAN

L1.Precip. horaria 0.050163 NAN NAN NAN

L1.Temp. prom aire 0.072297 NAN NAN NAN

L2.Conduct -0.231944 NAN NAN NAN

L2.Water -0.201128 NAN NAN NAN

L2.Temp 0.180399 0.000000 66645747.660 0.000

L2.Precip. horaria -0.006558 NAN NAN NAN

L2.Temp. prom aire -0.009063 NAN NAN NAN

L3.Conduct 0.127625 0.000000 58845272.783 0.000

L3.Water 0.078218 NAN NAN NAN

L3.Temp -0.415342 0.000000 -364097935.748 0.000

L3.Precip. horaria -0.019008 0.000000 -96583.816 0.000

L3.Temp. prom aire -0.036730 0.000000 -9820547.948 0.000

L4.Conduct -0.234479 NAN NAN NAN

L4.Water -0.115349 NAN NAN NAN

L4.Temp -0.147603 NAN NAN NAN

L4.Precip. horaria 0.008236 0.000000 36784.589 0.000

L4.Temp. prom aire -0.043152 0.000000 -12739242.442 0.000

L5.Conduct 0.006986 NAN NAN NAN

L5.Water -0.015879 NAN NAN NAN

L5.Temp -0.004418 NAN NAN NAN

L5.Precip. horaria 0.009865 NAN NAN NAN

L5.Temp. prom aire -0.266778 0.000000 -79255405.061 0.000

L6.Conduct -0.054752 0.000000 -14486740.255 0.000

L6.Water -0.005279 0.000000 -1638518.196 0.000

L6.Temp -0.149800 NAN NAN NAN

L6.Precip. horaria 0.004914 NAN NAN NAN

L6.Temp. prom aire 0.015077 NAN NAN NAN

L7.Conduct 0.148634 0.000000 28877924.516 0.000

L7.Water 0.066587 NAN NAN NAN

L7.Temp 0.087834 0.000000 24539242.190 0.000

L7.Precip. horaria -0.005840 0.000000 -14810.364 0.000

L7.Temp. prom aire -0.031441 NAN NAN NAN

L8.Conduct 0.111012 NAN NAN NAN

L8.Water 0.082352 0.000000 5541371.346 0.000

L8.Temp -0.054751 0.000000 -30198170.489 0.000

L8.Precip. horaria 0.000459 0.000001 564.178 0.000

L8.Temp. prom aire -0.246465 NAN NAN NAN

L9.Conduct -0.093730 NAN NAN NAN

L9.Water -0.135151 0.000000 -76864678.826 0.000

L9.Temp 0.181584 NAN NAN NAN

L9.Precip. horaria 0.005285 NAN NAN NAN

L9.Temp. prom aire -0.135163 0.000000 -21160719.861 0.000

L10.Conduct -0.056507 NAN NAN NAN

L10.Water -0.077256 NAN NAN NAN

L10.Temp -0.007038 NAN NAN NAN

L10.Precip. horaria -0.008654 NAN NAN NAN

L10.Temp. prom aire 0.401358 NAN NAN NAN

L11.Conduct 0.135991 NAN NAN NAN

L11.Water 0.029065 NAN NAN NAN

L11.Temp -0.042168 NAN NAN NAN

L11.Precip. horaria 0.005121 NAN NAN NAN

L11.Temp. prom aire 0.559536 NAN NAN NAN

L12.Conduct 0.034676 NAN NAN NAN

L12.Water -0.046945 0.000000 -3685802.989 0.000

L12.Temp 0.052663 NAN NAN NAN

L12.Precip. horaria -0.003070 0.000002 -1537.181 0.000

L12.Temp. prom aire 0.583605 NAN NAN NAN

L13.Conduct 0.154551 0.000000 15785703.853 0.000

L13.Water 0.010924 NAN NAN NAN

L13.Temp 0.311526 NAN NAN NAN

L13.Precip. horaria -0.003746 NAN NAN NAN

L13.Temp. prom aire -0.364412 NAN NAN NAN

L14.Conduct -0.180197 NAN NAN NAN

L14.Water -0.130139 0.000000 -19613515.574 0.000

L14.Temp -0.237456 NAN NAN NAN

L14.Precip. horaria 0.006194 NAN NAN NAN

L14.Temp. prom aire -0.032352 NAN NAN NAN

L15.Conduct 0.169704 0.000000 12367215.480 0.000

L15.Water 0.156625 NAN NAN NAN

L15.Temp -0.087296 0.000000 -153605455.821 0.000

L15.Precip. horaria -0.001098 NAN NAN NAN

L15.Temp. prom aire -0.085366 0.000000 -23522410.890 0.000

L16.Conduct 0.129685 NAN NAN NAN

L16.Water 0.124887 NAN NAN NAN

L16.Temp 0.056973 NAN NAN NAN

L16.Precip. horaria -0.002708 NAN NAN NAN

L16.Temp. prom aire -0.313887 NAN NAN NAN

L17.Conduct -0.095699 NAN NAN NAN

L17.Water -0.066834 NAN NAN NAN

L17.Temp -0.261969 0.000000 -249677506.266 0.000

L17.Precip. horaria 0.014001 NAN NAN NAN

L17.Temp. prom aire 0.043577 0.000000 19522329.213 0.000

L18.Conduct -0.014664 NAN NAN NAN

L18.Water -0.001521 0.000000 -363776.902 0.000

L18.Temp -0.332878 NAN NAN NAN

L18.Precip. horaria -0.009243 NAN NAN NAN

L18.Temp. prom aire -0.502305 NAN NAN NAN

L19.Conduct -0.095990 NAN NAN NAN

L19.Water -0.113843 0.000000 -9634571.347 0.000

L19.Temp -0.236339 NAN NAN NAN

L19.Precip. horaria -0.009784 NAN NAN NAN

L19.Temp. prom aire -0.003986 NAN NAN NAN

L20.Conduct 0.045566 NAN NAN NAN

L20.Water 0.074127 NAN NAN NAN

L20.Temp 0.316574 NAN NAN NAN

L20.Precip. horaria 0.000555 0.000000 1880.128 0.000

L20.Temp. prom aire -0.186910 NAN NAN NAN

L21.Conduct 0.106847 NAN NAN NAN

L21.Water 0.101028 NAN NAN NAN

L21.Temp 0.203489 NAN NAN NAN

L21.Precip. horaria 0.002120 NAN NAN NAN

L21.Temp. prom aire 0.519160 NAN NAN NAN

L22.Conduct -0.136262 0.000000 -16174750.859 0.000

L22.Water 0.165951 NAN NAN NAN

L22.Temp 0.134233 0.000000 22764768.903 0.000

L22.Precip. horaria 0.004170 NAN NAN NAN

L22.Temp. prom aire 0.069118 0.000000 6205806.665 0.000

L23.Conduct -0.009387 NAN NAN NAN

L23.Water -0.016016 NAN NAN NAN

L23.Temp 0.387180 NAN NAN NAN

L23.Precip. horaria -0.003254 NAN NAN NAN

L23.Temp. prom aire 0.103499 0.000000 20227477.441 0.000

L24.Conduct -0.006599 NAN NAN NAN

L24.Water 0.195410 0.000000 28885770.915 0.000

L24.Temp 0.076733 NAN NAN NAN

L24.Precip. horaria 0.003127 NAN NAN NAN

L24.Temp. prom aire 0.616847 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.001710 NAN NAN NAN

L1.Conduct 0.103066 NAN NAN NAN

L1.Water 0.029975 NAN NAN NAN

L1.Temp 0.001934 NAN NAN NAN

L1.Precip. horaria 0.025002 NAN NAN NAN

L1.Temp. prom aire 0.086050 NAN NAN NAN

L2.Conduct -0.137018 NAN NAN NAN

L2.Water -0.110185 NAN NAN NAN

L2.Temp 0.142446 0.000000 80122147.594 0.000

L2.Precip. horaria -0.005214 NAN NAN NAN

L2.Temp. prom aire 0.051476 NAN NAN NAN

L3.Conduct 0.182882 0.000000 128383942.010 0.000

L3.Water 0.094906 NAN NAN NAN

L3.Temp -0.229934 0.000000 -306887696.943 0.000

L3.Precip. horaria -0.018138 0.000000 -140320.023 0.000

L3.Temp. prom aire -0.021844 0.000000 -8892150.332 0.000

L4.Conduct -0.011627 NAN NAN NAN

L4.Water 0.005624 NAN NAN NAN

L4.Temp -0.090261 NAN NAN NAN

L4.Precip. horaria 0.009213 0.000000 62646.515 0.000

L4.Temp. prom aire -0.005688 0.000000 -2556516.671 0.000

L5.Conduct 0.086939 NAN NAN NAN

L5.Water 0.053632 NAN NAN NAN

L5.Temp -0.025629 NAN NAN NAN

L5.Precip. horaria 0.008065 NAN NAN NAN

L5.Temp. prom aire -0.145363 0.000000 -65750398.682 0.000

L6.Conduct -0.036271 0.000000 -14611668.322 0.000

L6.Water 0.015083 0.000000 7127980.432 0.000

L6.Temp -0.062521 NAN NAN NAN

L6.Precip. horaria 0.004564 NAN NAN NAN

L6.Temp. prom aire 0.019251 NAN NAN NAN

L7.Conduct 0.058465 0.000000 17294612.922 0.000

L7.Water 0.029952 NAN NAN NAN

L7.Temp 0.044556 0.000000 18952669.370 0.000

L7.Precip. horaria -0.005487 0.000000 -21184.620 0.000

L7.Temp. prom aire -0.014116 NAN NAN NAN

L8.Conduct 0.072772 NAN NAN NAN

L8.Water 0.041336 0.000000 4234816.628 0.000

L8.Temp -0.003903 0.000000 -3277450.544 0.000

L8.Precip. horaria 0.000573 0.000001 1073.271 0.000

L8.Temp. prom aire -0.155045 NAN NAN NAN

L9.Conduct -0.029910 NAN NAN NAN

L9.Water -0.067510 0.000000 -58457166.630 0.000

L9.Temp 0.084128 NAN NAN NAN

L9.Precip. horaria 0.002907 NAN NAN NAN

L9.Temp. prom aire -0.083385 0.000000 -19875658.399 0.000

L10.Conduct -0.013452 NAN NAN NAN

L10.Water -0.034750 NAN NAN NAN

L10.Temp -0.001769 NAN NAN NAN

L10.Precip. horaria -0.003221 NAN NAN NAN

L10.Temp. prom aire 0.210129 NAN NAN NAN

L11.Conduct 0.075547 NAN NAN NAN

L11.Water 0.000150 NAN NAN NAN

L11.Temp -0.063338 NAN NAN NAN

L11.Precip. horaria 0.002348 NAN NAN NAN

L11.Temp. prom aire 0.288330 NAN NAN NAN

L12.Conduct 0.024365 NAN NAN NAN

L12.Water -0.044005 0.000000 -5260320.799 0.000

L12.Temp 0.049801 NAN NAN NAN

L12.Precip. horaria -0.003716 0.000001 -2832.273 0.000

L12.Temp. prom aire 0.305113 NAN NAN NAN

L13.Conduct 0.113082 0.000000 17585215.440 0.000

L13.Water -0.026388 NAN NAN NAN

L13.Temp 0.186784 NAN NAN NAN

L13.Precip. horaria -0.001614 NAN NAN NAN

L13.Temp. prom aire -0.171729 NAN NAN NAN

L14.Conduct -0.093135 NAN NAN NAN

L14.Water -0.111158 0.000000 -25506593.091 0.000

L14.Temp -0.133523 NAN NAN NAN

L14.Precip. horaria 0.003759 NAN NAN NAN

L14.Temp. prom aire -0.029093 NAN NAN NAN

L15.Conduct 0.106168 0.000000 11779833.517 0.000

L15.Water 0.067794 NAN NAN NAN

L15.Temp -0.058280 0.000000 -156134452.760 0.000

L15.Precip. horaria -0.001321 NAN NAN NAN

L15.Temp. prom aire 0.031033 0.000000 13019191.359 0.000

L16.Conduct 0.032927 NAN NAN NAN

L16.Water 0.047061 NAN NAN NAN

L16.Temp 0.024309 NAN NAN NAN

L16.Precip. horaria 0.000993 NAN NAN NAN

L16.Temp. prom aire -0.174624 NAN NAN NAN

L17.Conduct -0.092451 NAN NAN NAN

L17.Water -0.048543 NAN NAN NAN

L17.Temp -0.132277 0.000000 -191945664.219 0.000

L17.Precip. horaria 0.006828 NAN NAN NAN

L17.Temp. prom aire 0.052286 0.000000 35663189.574 0.000

L18.Conduct -0.048339 NAN NAN NAN

L18.Water -0.023040 0.000000 -8388468.109 0.000

L18.Temp -0.195848 NAN NAN NAN

L18.Precip. horaria -0.005842 NAN NAN NAN

L18.Temp. prom aire -0.315970 NAN NAN NAN

L19.Conduct -0.113597 NAN NAN NAN

L19.Water -0.089063 0.000000 -11475977.341 0.000

L19.Temp -0.153059 NAN NAN NAN

L19.Precip. horaria -0.004700 NAN NAN NAN

L19.Temp. prom aire -0.024695 NAN NAN NAN

L20.Conduct 0.068917 NAN NAN NAN

L20.Water 0.068353 NAN NAN NAN

L20.Temp 0.162138 NAN NAN NAN

L20.Precip. horaria -0.001752 0.000000 -9029.346 0.000

L20.Temp. prom aire -0.110496 NAN NAN NAN

L21.Conduct 0.081003 NAN NAN NAN

L21.Water 0.056132 NAN NAN NAN

L21.Temp 0.110097 NAN NAN NAN

L21.Precip. horaria 0.000567 NAN NAN NAN

L21.Temp. prom aire 0.327742 NAN NAN NAN

L22.Conduct -0.113500 0.000000 -20512685.078 0.000

L22.Water 0.037132 NAN NAN NAN

L22.Temp 0.069692 0.000000 17995075.175 0.000

L22.Precip. horaria 0.001774 NAN NAN NAN

L22.Temp. prom aire 0.008299 0.000000 1134537.334 0.000

L23.Conduct -0.002790 NAN NAN NAN

L23.Water 0.023809 NAN NAN NAN

L23.Temp 0.213658 NAN NAN NAN

L23.Precip. horaria -0.000636 NAN NAN NAN

L23.Temp. prom aire 0.006238 0.000000 1856230.912 0.000

L24.Conduct -0.011240 NAN NAN NAN

L24.Water 0.122643 0.000000 27602271.951 0.000

L24.Temp 0.062847 NAN NAN NAN

L24.Precip. horaria 0.002647 NAN NAN NAN

L24.Temp. prom aire 0.347310 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.001800 NAN NAN NAN

L1.Conduct 0.019586 NAN NAN NAN

L1.Water -0.037377 NAN NAN NAN

L1.Temp 0.076689 NAN NAN NAN

L1.Precip. horaria -0.032837 NAN NAN NAN

L1.Temp. prom aire 0.085334 NAN NAN NAN

L2.Conduct 0.116833 NAN NAN NAN

L2.Water 0.080015 NAN NAN NAN

L2.Temp 0.070696 0.000000 29328750.641 0.000

L2.Precip. horaria 0.005377 NAN NAN NAN

L2.Temp. prom aire 0.026615 NAN NAN NAN

L3.Conduct -0.003672 0.000000 -1901306.299 0.000

L3.Water 0.007451 NAN NAN NAN

L3.Temp 0.273710 0.000000 269441880.569 0.000

L3.Precip. horaria 0.004823 0.000000 27520.357 0.000

L3.Temp. prom aire -0.060514 0.000000 -18169228.822 0.000

L4.Conduct 0.079917 NAN NAN NAN

L4.Water 0.113760 NAN NAN NAN

L4.Temp 0.134074 NAN NAN NAN

L4.Precip. horaria 0.014759 0.000000 74021.052 0.000

L4.Temp. prom aire 0.103390 0.000000 34275838.564 0.000

L5.Conduct -0.063031 NAN NAN NAN

L5.Water -0.061908 NAN NAN NAN

L5.Temp -0.043640 NAN NAN NAN

L5.Precip. horaria -0.012656 NAN NAN NAN

L5.Temp. prom aire 0.058958 0.000000 19669146.192 0.000

L6.Conduct -0.062232 0.000000 -18490323.234 0.000

L6.Water -0.108708 0.000000 -37890387.497 0.000

L6.Temp 0.183542 NAN NAN NAN

L6.Precip. horaria -0.006584 NAN NAN NAN

L6.Temp. prom aire -0.036020 NAN NAN NAN

L7.Conduct 0.150964 0.000000 32936926.294 0.000

L7.Water -0.025519 NAN NAN NAN

L7.Temp 0.050412 0.000000 15815936.608 0.000

L7.Precip. horaria -0.013404 0.000000 -38170.530 0.000

L7.Temp. prom aire -0.038032 NAN NAN NAN

L8.Conduct 0.057624 NAN NAN NAN

L8.Water -0.121225 0.000000 -9160013.226 0.000

L8.Temp 0.157217 0.000000 97375511.740 0.000

L8.Precip. horaria 0.011254 0.000001 15543.488 0.000

L8.Temp. prom aire 0.041438 NAN NAN NAN

L9.Conduct 0.057730 NAN NAN NAN

L9.Water -0.008594 0.000000 -5488871.211 0.000

L9.Temp -0.269849 NAN NAN NAN

L9.Precip. horaria -0.001701 NAN NAN NAN

L9.Temp. prom aire -0.028827 0.000000 -5067909.218 0.000

L10.Conduct 0.035416 NAN NAN NAN

L10.Water -0.008628 NAN NAN NAN

L10.Temp 0.044434 NAN NAN NAN

L10.Precip. horaria 0.002492 NAN NAN NAN

L10.Temp. prom aire -0.104616 NAN NAN NAN

L11.Conduct 0.029457 NAN NAN NAN

L11.Water -0.026721 NAN NAN NAN

L11.Temp -0.196491 NAN NAN NAN

L11.Precip. horaria -0.007845 NAN NAN NAN

L11.Temp. prom aire -0.061481 NAN NAN NAN

L12.Conduct 0.067409 NAN NAN NAN

L12.Water 0.021595 0.000000 1903968.440 0.000

L12.Temp 0.096948 NAN NAN NAN

L12.Precip. horaria 0.002375 0.000002 1335.254 0.000

L12.Temp. prom aire -0.043834 NAN NAN NAN

L13.Conduct 0.056381 0.000000 6466764.433 0.000

L13.Water 0.040389 NAN NAN NAN

L13.Temp -0.147795 NAN NAN NAN

L13.Precip. horaria -0.000938 NAN NAN NAN

L13.Temp. prom aire 0.196572 NAN NAN NAN

L14.Conduct 0.032633 NAN NAN NAN

L14.Water 0.072524 0.000000 12274132.193 0.000

L14.Temp 0.175545 NAN NAN NAN

L14.Precip. horaria 0.001527 NAN NAN NAN

L14.Temp. prom aire 0.024581 NAN NAN NAN

L15.Conduct -0.075543 0.000000 -6182126.128 0.000

L15.Water 0.009751 NAN NAN NAN

L15.Temp 0.109356 0.000000 216081249.382 0.000

L15.Precip. horaria -0.003194 NAN NAN NAN

L15.Temp. prom aire 0.186979 0.000000 57856656.039 0.000

L16.Conduct -0.003648 NAN NAN NAN

L16.Water 0.059353 NAN NAN NAN

L16.Temp 0.014042 NAN NAN NAN

L16.Precip. horaria 0.005124 NAN NAN NAN

L16.Temp. prom aire 0.133367 NAN NAN NAN

L17.Conduct -0.075651 NAN NAN NAN

L17.Water -0.092417 NAN NAN NAN

L17.Temp 0.113025 0.000000 120967265.771 0.000

L17.Precip. horaria -0.011188 NAN NAN NAN

L17.Temp. prom aire 0.032898 0.000000 16550237.027 0.000

L18.Conduct 0.137943 NAN NAN NAN

L18.Water -0.016807 0.000000 -4513191.829 0.000

L18.Temp 0.082157 NAN NAN NAN

L18.Precip. horaria 0.004214 NAN NAN NAN

L18.Temp. prom aire -0.045120 NAN NAN NAN

L19.Conduct 0.023457 NAN NAN NAN

L19.Water 0.001022 0.000000 97080.768 0.000

L19.Temp 0.008840 NAN NAN NAN

L19.Precip. horaria 0.003595 NAN NAN NAN

L19.Temp. prom aire 0.036541 NAN NAN NAN

L20.Conduct 0.049331 NAN NAN NAN

L20.Water -0.038973 NAN NAN NAN

L20.Temp -0.053265 NAN NAN NAN

L20.Precip. horaria -0.002668 0.000000 -10143.124 0.000

L20.Temp. prom aire 0.034799 NAN NAN NAN

L21.Conduct -0.027470 NAN NAN NAN

L21.Water -0.013388 NAN NAN NAN

L21.Temp 0.005817 NAN NAN NAN

L21.Precip. horaria -0.001653 NAN NAN NAN

L21.Temp. prom aire -0.164973 NAN NAN NAN

L22.Conduct -0.093919 0.000000 -12519260.095 0.000

L22.Water -0.084864 NAN NAN NAN

L22.Temp -0.019798 0.000000 -3770376.217 0.000

L22.Precip. horaria 0.008515 NAN NAN NAN

L22.Temp. prom aire -0.225248 0.000000 -22710725.881 0.000

L23.Conduct 0.042363 NAN NAN NAN

L23.Water 0.326815 NAN NAN NAN

L23.Temp -0.154956 NAN NAN NAN

L23.Precip. horaria 0.011837 NAN NAN NAN

L23.Temp. prom aire -0.096495 0.000000 -21177406.461 0.000

L24.Conduct 0.046694 NAN NAN NAN

L24.Water 0.034242 0.000000 5684110.770 0.000

L24.Temp -0.112319 NAN NAN NAN

L24.Precip. horaria -0.007892 NAN NAN NAN

L24.Temp. prom aire -0.076871 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000001 NAN NAN NAN

L1.Conduct -0.007990 NAN NAN NAN

L1.Water -0.003161 NAN NAN NAN

L1.Temp -0.001691 NAN NAN NAN

L1.Precip. horaria -0.000518 NAN NAN NAN

L1.Temp. prom aire -0.003772 NAN NAN NAN

L2.Conduct -0.001873 NAN NAN NAN

L2.Water 0.000303 NAN NAN NAN

L2.Temp -0.001364 0.000000 -32057416.253 0.000

L2.Precip. horaria -0.000408 NAN NAN NAN

L2.Temp. prom aire 0.005763 NAN NAN NAN

L3.Conduct -0.001958 0.000000 -57433343.874 0.000

L3.Water -0.003016 NAN NAN NAN

L3.Temp -0.002425 0.000000 -135220841.513 0.000

L3.Precip. horaria -0.000889 0.000000 -287272.157 0.000

L3.Temp. prom aire -0.003122 0.000000 -53092226.470 0.000

L4.Conduct 0.006679 NAN NAN NAN

L4.Water 0.005434 NAN NAN NAN

L4.Temp 0.001040 NAN NAN NAN

L4.Precip. horaria 0.000317 0.000000 90107.469 0.000

L4.Temp. prom aire -0.001967 0.000000 -36935988.400 0.000

L5.Conduct -0.002394 NAN NAN NAN

L5.Water -0.002201 NAN NAN NAN

L5.Temp -0.008069 NAN NAN NAN

L5.Precip. horaria 0.000202 NAN NAN NAN

L5.Temp. prom aire 0.001384 0.000000 26159109.834 0.000

L6.Conduct -0.002790 0.000000 -46958975.099 0.000

L6.Water 0.001410 0.000000 27841613.265 0.000

L6.Temp -0.001269 NAN NAN NAN

L6.Precip. horaria 0.000390 NAN NAN NAN

L6.Temp. prom aire 0.003073 NAN NAN NAN

L7.Conduct 0.011087 0.000000 137020144.290 0.000

L7.Water 0.008641 NAN NAN NAN

L7.Temp -0.000282 0.000000 -5010720.660 0.000

L7.Precip. horaria -0.000636 0.000000 -102546.111 0.000

L7.Temp. prom aire -0.003352 NAN NAN NAN

L8.Conduct -0.004156 NAN NAN NAN

L8.Water -0.003851 0.000000 -16485087.145 0.000

L8.Temp 0.011724 0.000000 411338653.156 0.000

L8.Precip. horaria 0.000512 0.000000 40021.779 0.000

L8.Temp. prom aire -0.002194 NAN NAN NAN

L9.Conduct -0.004711 NAN NAN NAN

L9.Water -0.004348 0.000000 -157299485.904 0.000

L9.Temp 0.000480 NAN NAN NAN

L9.Precip. horaria 0.000116 NAN NAN NAN

L9.Temp. prom aire 0.004747 0.000000 47271948.095 0.000

L10.Conduct -0.002381 NAN NAN NAN

L10.Water 0.002140 NAN NAN NAN

L10.Temp -0.002089 NAN NAN NAN

L10.Precip. horaria 0.000048 NAN NAN NAN

L10.Temp. prom aire 0.000023 NAN NAN NAN

L11.Conduct -0.001275 NAN NAN NAN

L11.Water 0.002452 NAN NAN NAN

L11.Temp -0.007990 NAN NAN NAN

L11.Precip. horaria 0.000036 NAN NAN NAN

L11.Temp. prom aire 0.008729 NAN NAN NAN

L12.Conduct -0.002093 NAN NAN NAN

L12.Water 0.001299 0.000000 6488649.208 0.000

L12.Temp 0.007481 NAN NAN NAN

L12.Precip. horaria -0.000070 0.000000 -2240.092 0.000

L12.Temp. prom aire -0.013959 NAN NAN NAN

L13.Conduct 0.003487 0.000000 22657610.515 0.000

L13.Water -0.000283 NAN NAN NAN

L13.Temp -0.002848 NAN NAN NAN

L13.Precip. horaria -0.000332 NAN NAN NAN

L13.Temp. prom aire 0.006271 NAN NAN NAN

L14.Conduct 0.001833 NAN NAN NAN

L14.Water -0.004596 0.000000 -44060177.012 0.000

L14.Temp -0.000340 NAN NAN NAN

L14.Precip. horaria -0.000015 NAN NAN NAN

L14.Temp. prom aire -0.006019 NAN NAN NAN

L15.Conduct 0.012662 0.000000 58697879.494 0.000

L15.Water 0.003525 NAN NAN NAN

L15.Temp 0.002307 0.000000 258253565.069 0.000

L15.Precip. horaria -0.000123 NAN NAN NAN

L15.Temp. prom aire 0.001812 0.000000 31752576.681 0.000

L16.Conduct 0.009173 NAN NAN NAN

L16.Water 0.007474 NAN NAN NAN

L16.Temp -0.002924 NAN NAN NAN

L16.Precip. horaria 0.000463 NAN NAN NAN

L16.Temp. prom aire 0.001111 NAN NAN NAN

L17.Conduct -0.012785 NAN NAN NAN

L17.Water -0.005854 NAN NAN NAN

L17.Temp -0.002947 0.000000 -178684405.922 0.000

L17.Precip. horaria 0.000249 NAN NAN NAN

L17.Temp. prom aire 0.004576 0.000000 130409892.854 0.000

L18.Conduct -0.007423 NAN NAN NAN

L18.Water -0.002677 0.000000 -40716382.842 0.000

L18.Temp -0.000681 NAN NAN NAN

L18.Precip. horaria -0.000253 NAN NAN NAN

L18.Temp. prom aire -0.010686 NAN NAN NAN

L19.Conduct -0.007046 NAN NAN NAN

L19.Water -0.001776 0.000000 -9562039.297 0.000

L19.Temp -0.000726 NAN NAN NAN

L19.Precip. horaria 0.000071 NAN NAN NAN

L19.Temp. prom aire 0.002594 NAN NAN NAN

L20.Conduct -0.000587 NAN NAN NAN

L20.Water 0.001075 NAN NAN NAN

L20.Temp 0.001609 NAN NAN NAN

L20.Precip. horaria -0.000124 0.000000 -26622.156 0.000

L20.Temp. prom aire 0.001706 NAN NAN NAN

L21.Conduct 0.009356 NAN NAN NAN

L21.Water 0.004036 NAN NAN NAN

L21.Temp -0.003738 NAN NAN NAN

L21.Precip. horaria -0.000490 NAN NAN NAN

L21.Temp. prom aire 0.007669 NAN NAN NAN

L22.Conduct -0.001258 0.000000 -9498020.033 0.000

L22.Water -0.006557 NAN NAN NAN

L22.Temp 0.014498 0.000000 156406417.201 0.000

L22.Precip. horaria -0.000028 NAN NAN NAN

L22.Temp. prom aire -0.001858 0.000000 -10609854.249 0.000

L23.Conduct 0.000671 NAN NAN NAN

L23.Water 0.005564 NAN NAN NAN

L23.Temp 0.005497 NAN NAN NAN

L23.Precip. horaria 0.000459 NAN NAN NAN

L23.Temp. prom aire 0.006461 0.000000 80328180.676 0.000

L24.Conduct 0.000023 NAN NAN NAN

L24.Water 0.006567 0.000000 61753749.769 0.000

L24.Temp -0.005016 NAN NAN NAN

L24.Precip. horaria 0.000159 NAN NAN NAN

L24.Temp. prom aire -0.008185 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.002657 NAN NAN NAN

L1.Conduct 0.159707 NAN NAN NAN

L1.Water -0.060160 NAN NAN NAN

L1.Temp -0.045096 NAN NAN NAN

L1.Precip. horaria -0.041074 NAN NAN NAN

L1.Temp. prom aire -0.323742 NAN NAN NAN

L2.Conduct 0.179754 NAN NAN NAN

L2.Water 0.093863 NAN NAN NAN

L2.Temp 0.112884 0.000000 26858293.173 0.000

L2.Precip. horaria 0.010995 NAN NAN NAN

L2.Temp. prom aire 0.012510 NAN NAN NAN

L3.Conduct -0.076486 0.000000 -22712503.578 0.000

L3.Water -0.031190 NAN NAN NAN

L3.Temp 0.365690 0.000000 206458551.718 0.000

L3.Precip. horaria 0.007869 0.000000 25751.913 0.000

L3.Temp. prom aire -0.222103 0.000000 -38245582.988 0.000

L4.Conduct 0.034886 NAN NAN NAN

L4.Water 0.117536 NAN NAN NAN

L4.Temp 0.009640 NAN NAN NAN

L4.Precip. horaria 0.023918 0.000000 68798.736 0.000

L4.Temp. prom aire 0.162879 0.000000 30968427.227 0.000

L5.Conduct -0.071449 NAN NAN NAN

L5.Water -0.065528 NAN NAN NAN

L5.Temp 0.011483 NAN NAN NAN

L5.Precip. horaria -0.019065 NAN NAN NAN

L5.Temp. prom aire 0.103402 0.000000 19784055.708 0.000

L6.Conduct -0.096209 0.000000 -16394332.131 0.000

L6.Water -0.174247 0.000000 -34832160.039 0.000

L6.Temp 0.192136 NAN NAN NAN

L6.Precip. horaria -0.007805 NAN NAN NAN

L6.Temp. prom aire -0.020000 NAN NAN NAN

L7.Conduct 0.196761 0.000000 24620420.563 0.000

L7.Water -0.058780 NAN NAN NAN

L7.Temp -0.031656 0.000000 -5695837.184 0.000

L7.Precip. horaria -0.020927 0.000001 -34176.883 0.000

L7.Temp. prom aire -0.165285 NAN NAN NAN

L8.Conduct 0.094241 NAN NAN NAN

L8.Water -0.130669 0.000000 -5662665.434 0.000

L8.Temp 0.020988 0.000000 7455218.860 0.000

L8.Precip. horaria 0.018189 0.000001 14407.508 0.000

L8.Temp. prom aire -0.199269 NAN NAN NAN

L9.Conduct -0.017146 NAN NAN NAN

L9.Water -0.023338 0.000000 -8548182.717 0.000

L9.Temp -0.118572 NAN NAN NAN

L9.Precip. horaria -0.006373 NAN NAN NAN

L9.Temp. prom aire 0.121546 0.000000 12255208.015 0.000

L10.Conduct 0.135896 NAN NAN NAN

L10.Water 0.040435 NAN NAN NAN

L10.Temp -0.021094 NAN NAN NAN

L10.Precip. horaria 0.003354 NAN NAN NAN

L10.Temp. prom aire 0.041387 NAN NAN NAN

L11.Conduct -0.090239 NAN NAN NAN

L11.Water -0.156108 NAN NAN NAN

L11.Temp -0.295857 NAN NAN NAN

L11.Precip. horaria -0.009238 NAN NAN NAN

L11.Temp. prom aire -0.070816 NAN NAN NAN

L12.Conduct 0.217137 NAN NAN NAN

L12.Water 0.133131 0.000000 6731791.924 0.000

L12.Temp 0.358121 NAN NAN NAN

L12.Precip. horaria 0.002840 0.000003 915.683 0.000

L12.Temp. prom aire 0.047397 NAN NAN NAN

L13.Conduct 0.008219 0.000000 540633.965 0.000

L13.Water -0.028341 NAN NAN NAN

L13.Temp -0.161287 NAN NAN NAN

L13.Precip. horaria 0.001279 NAN NAN NAN

L13.Temp. prom aire 0.268226 NAN NAN NAN

L14.Conduct 0.030465 NAN NAN NAN

L14.Water 0.164956 0.000000 16011186.776 0.000

L14.Temp 0.018743 NAN NAN NAN

L14.Precip. horaria 0.002536 NAN NAN NAN

L14.Temp. prom aire 0.000426 NAN NAN NAN

L15.Conduct -0.033488 0.000000 -1571733.514 0.000

L15.Water 0.080564 NAN NAN NAN

L15.Temp 0.062474 0.000000 70798414.603 0.000

L15.Precip. horaria -0.006087 NAN NAN NAN

L15.Temp. prom aire 0.156645 0.000000 27798705.278 0.000

L16.Conduct -0.062009 NAN NAN NAN

L16.Water 0.142859 NAN NAN NAN

L16.Temp -0.147492 NAN NAN NAN

L16.Precip. horaria 0.008314 NAN NAN NAN

L16.Temp. prom aire 0.017272 NAN NAN NAN

L17.Conduct -0.052203 NAN NAN NAN

L17.Water -0.164791 NAN NAN NAN

L17.Temp 0.483926 0.000000 297040817.220 0.000

L17.Precip. horaria -0.017981 NAN NAN NAN

L17.Temp. prom aire 0.021372 0.000000 6166368.477 0.000

L18.Conduct 0.188029 NAN NAN NAN

L18.Water 0.029134 0.000000 4486827.835 0.000

L18.Temp -0.009939 NAN NAN NAN

L18.Precip. horaria 0.007240 NAN NAN NAN

L18.Temp. prom aire -0.058809 NAN NAN NAN

L19.Conduct 0.076509 NAN NAN NAN

L19.Water -0.046510 0.000000 -2535041.649 0.000

L19.Temp 0.071291 NAN NAN NAN

L19.Precip. horaria 0.004975 NAN NAN NAN

L19.Temp. prom aire 0.068141 NAN NAN NAN

L20.Conduct 0.063591 NAN NAN NAN

L20.Water -0.070757 NAN NAN NAN

L20.Temp -0.086883 NAN NAN NAN

L20.Precip. horaria -0.005436 0.000000 -11854.487 0.000

L20.Temp. prom aire 0.102873 NAN NAN NAN

L21.Conduct -0.023476 NAN NAN NAN

L21.Water -0.057283 NAN NAN NAN

L21.Temp 0.010827 NAN NAN NAN

L21.Precip. horaria -0.000199 NAN NAN NAN

L21.Temp. prom aire -0.065508 NAN NAN NAN

L22.Conduct -0.165557 0.000000 -12656627.396 0.000

L22.Water -0.029623 NAN NAN NAN

L22.Temp 0.024128 0.000000 2635282.937 0.000

L22.Precip. horaria 0.013450 NAN NAN NAN

L22.Temp. prom aire -0.483015 0.000000 -27930435.112 0.000

L23.Conduct 0.158021 NAN NAN NAN

L23.Water 0.429034 NAN NAN NAN

L23.Temp -0.081472 NAN NAN NAN

L23.Precip. horaria 0.015851 NAN NAN NAN

L23.Temp. prom aire -0.015846 0.000000 -1994484.899 0.000

L24.Conduct -0.130377 NAN NAN NAN

L24.Water -0.120615 0.000000 -11482720.816 0.000

L24.Temp -0.098371 NAN NAN NAN

L24.Precip. horaria -0.015576 NAN NAN NAN

L24.Temp. prom aire -0.066843 NAN NAN NAN

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.539408 -0.106732 0.042695 -0.267460

Water 0.539408 1.000000 -0.062911 -0.188453 0.029795

Temp -0.106732 -0.062911 1.000000 0.081879 0.516295

Precip. horaria 0.042695 -0.188453 0.081879 1.000000 0.025237

Temp. prom aire -0.267460 0.029795 0.516295 0.025237 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -270.184

Nobs: 47.0000 HQIC: -285.038

Log likelihood: 7180.55 FPE: -8.25983e-138

AIC: -294.000 Det(Omega\_mle): -1.41551e-140

---------------------------------------------------------------------

Results for equation Conduct

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.007077 NAN NAN NAN

L1.Conduct 0.239691 NAN NAN NAN

L1.Water 0.017884 NAN NAN NAN

L1.Temp 0.006457 NAN NAN NAN

L1.Precip. horaria 0.038054 NAN NAN NAN

L1.Temp. prom aire 0.293308 NAN NAN NAN

L2.Conduct -0.226614 NAN NAN NAN

L2.Water 0.130563 0.000000 13268686.211 0.000

L2.Temp 0.468434 NAN NAN NAN

L2.Precip. horaria -0.003930 NAN NAN NAN

L2.Temp. prom aire 0.504447 0.000000 84598958.123 0.000

L3.Conduct 0.155499 NAN NAN NAN

L3.Water 1.069059 0.000000 35074574.284 0.000

L3.Temp -0.644925 NAN NAN NAN

L3.Precip. horaria -0.054353 NAN NAN NAN

L3.Temp. prom aire -0.087797 NAN NAN NAN

L4.Conduct -0.187395 NAN NAN NAN

L4.Water -0.085544 0.000000 -6508060.919 0.000

L4.Temp -0.790269 NAN NAN NAN

L4.Precip. horaria 0.069913 NAN NAN NAN

L4.Temp. prom aire 0.002756 NAN NAN NAN

L5.Conduct -0.057516 NAN NAN NAN

L5.Water -0.192468 NAN NAN NAN

L5.Temp -0.346190 NAN NAN NAN

L5.Precip. horaria 0.005037 NAN NAN NAN

L5.Temp. prom aire -0.720961 NAN NAN NAN

L6.Conduct -0.177903 NAN NAN NAN

L6.Water -0.667448 NAN NAN NAN

L6.Temp 0.006822 0.000000 498517.135 0.000

L6.Precip. horaria 0.023490 0.000001 27685.853 0.000

L6.Temp. prom aire -0.065182 0.000000 -21900822.452 0.000

L7.Conduct -0.083027 NAN NAN NAN

L7.Water -0.266941 0.000000 -18501639.836 0.000

L7.Temp 0.100040 NAN NAN NAN

L7.Precip. horaria -0.038923 NAN NAN NAN

L7.Temp. prom aire -0.185566 NAN NAN NAN

L8.Conduct 0.072355 0.000000 10585992.021 0.000

L8.Water -0.001128 NAN NAN NAN

L8.Temp 0.098500 0.000000 37862396.885 0.000

L8.Precip. horaria -0.007483 NAN NAN NAN

L8.Temp. prom aire -0.337658 NAN NAN NAN

L9.Conduct -0.099711 NAN NAN NAN

L9.Water 0.142729 NAN NAN NAN

L9.Temp -0.038349 NAN NAN NAN

L9.Precip. horaria -0.010217 NAN NAN NAN

L9.Temp. prom aire -0.079401 NAN NAN NAN

L10.Conduct 0.060945 NAN NAN NAN

L10.Water -0.077168 NAN NAN NAN

L10.Temp 0.241353 NAN NAN NAN

L10.Precip. horaria 0.013383 NAN NAN NAN

L10.Temp. prom aire 0.710367 NAN NAN NAN

L11.Conduct 0.066657 0.000000 15606434.508 0.000

L11.Water -0.219141 NAN NAN NAN

L11.Temp -0.176576 NAN NAN NAN

L11.Precip. horaria 0.006740 NAN NAN NAN

L11.Temp. prom aire 0.474522 NAN NAN NAN

L12.Conduct 0.032864 NAN NAN NAN

L12.Water -0.214815 NAN NAN NAN

L12.Temp 0.211169 0.000000 24453673.565 0.000

L12.Precip. horaria 0.004237 NAN NAN NAN

L12.Temp. prom aire 0.635772 NAN NAN NAN

L13.Conduct -0.054293 0.000000 -8732780.169 0.000

L13.Water -0.120962 0.000000 -17336165.795 0.000

L13.Temp 0.518835 NAN NAN NAN

L13.Precip. horaria -0.010746 NAN NAN NAN

L13.Temp. prom aire -0.304233 NAN NAN NAN

L14.Conduct -0.312541 NAN NAN NAN

L14.Water 0.155866 0.000000 10417787.337 0.000

L14.Temp -0.329137 0.000000 -76352703.639 0.000

L14.Precip. horaria -0.001581 NAN NAN NAN

L14.Temp. prom aire 0.198110 NAN NAN NAN

L15.Conduct 0.032294 0.000000 3033695.372 0.000

L15.Water 0.160382 0.000000 65929853.790 0.000

L15.Temp -0.317488 0.000000 -46689424.105 0.000

L15.Precip. horaria -0.007841 NAN NAN NAN

L15.Temp. prom aire 0.754507 0.000000 58814252.731 0.000

L16.Conduct 0.000531 0.000000 47246.259 0.000

L16.Water 0.258766 NAN NAN NAN

L16.Temp 0.194910 NAN NAN NAN

L16.Precip. horaria 0.003383 NAN NAN NAN

L16.Temp. prom aire -0.935450 NAN NAN NAN

L17.Conduct -0.037450 NAN NAN NAN

L17.Water 0.072288 NAN NAN NAN

L17.Temp -0.278168 0.000000 -58038091.939 0.000

L17.Precip. horaria 0.004465 NAN NAN NAN

L17.Temp. prom aire 0.016854 NAN NAN NAN

L18.Conduct 0.175951 NAN NAN NAN

L18.Water -0.024220 NAN NAN NAN

L18.Temp -0.453686 NAN NAN NAN

L18.Precip. horaria 0.004769 NAN NAN NAN

L18.Temp. prom aire -1.269272 0.000000 -144740602.235 0.000

L19.Conduct -0.110497 NAN NAN NAN

L19.Water 0.212316 NAN NAN NAN

L19.Temp -0.515224 NAN NAN NAN

L19.Precip. horaria -0.009800 NAN NAN NAN

L19.Temp. prom aire 0.072710 NAN NAN NAN

L20.Conduct 0.402706 NAN NAN NAN

L20.Water 0.225544 0.000000 19330806.862 0.000

L20.Temp 0.283849 NAN NAN NAN

L20.Precip. horaria -0.003238 NAN NAN NAN

L20.Temp. prom aire -0.296173 0.000000 -41862445.043 0.000

L21.Conduct -0.202783 NAN NAN NAN

L21.Water 0.096315 NAN NAN NAN

L21.Temp 0.149364 0.000000 23687802.570 0.000

L21.Precip. horaria 0.008002 NAN NAN NAN

L21.Temp. prom aire 0.862138 NAN NAN NAN

L22.Conduct -0.202274 NAN NAN NAN

L22.Water 0.070487 0.000000 56808202.232 0.000

L22.Temp -0.092852 NAN NAN NAN

L22.Precip. horaria -0.006043 NAN NAN NAN

L22.Temp. prom aire -0.325255 0.000000 -92451653.513 0.000

L23.Conduct -0.261003 NAN NAN NAN

L23.Water 0.282871 NAN NAN NAN

L23.Temp 0.633166 0.000000 287837641.123 0.000

L23.Precip. horaria -0.002884 0.000000 -6433.996 0.000

L23.Temp. prom aire 0.012199 0.000000 3663720.045 0.000

L24.Conduct -0.159331 0.000000 -51211643.706 0.000

L24.Water 0.428124 NAN NAN NAN

L24.Temp 0.904392 NAN NAN NAN

L24.Precip. horaria -0.001922 NAN NAN NAN

L24.Temp. prom aire 1.238667 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

--------------------------------------------------------------------------------------------

const 0.001941 NAN NAN NAN

L1.Conduct 0.024426 NAN NAN NAN

L1.Water 0.111115 NAN NAN NAN

L1.Temp -0.082881 NAN NAN NAN

L1.Precip. horaria 0.019604 NAN NAN NAN

L1.Temp. prom aire 0.044092 NAN NAN NAN

L2.Conduct -0.066578 NAN NAN NAN

L2.Water -0.010274 0.000000 -2011418.567 0.000

L2.Temp 0.030869 NAN NAN NAN

L2.Precip. horaria 0.005670 NAN NAN NAN

L2.Temp. prom aire -0.022837 0.000000 -7377862.934 0.000

L3.Conduct 0.059197 NAN NAN NAN

L3.Water 0.069566 0.000000 4396779.753 0.000

L3.Temp -0.069775 NAN NAN NAN

L3.Precip. horaria -0.006688 NAN NAN NAN

L3.Temp. prom aire -0.019859 NAN NAN NAN

L4.Conduct 0.019274 NAN NAN NAN

L4.Water -0.060067 0.000000 -8803288.443 0.000

L4.Temp -0.091809 NAN NAN NAN

L4.Precip. horaria 0.006582 NAN NAN NAN

L4.Temp. prom aire 0.005872 NAN NAN NAN

L5.Conduct 0.065824 NAN NAN NAN

L5.Water 0.004432 NAN NAN NAN

L5.Temp -0.032062 NAN NAN NAN

L5.Precip. horaria -0.002953 NAN NAN NAN

L5.Temp. prom aire -0.090583 NAN NAN NAN

L6.Conduct -0.007435 NAN NAN NAN

L6.Water -0.032759 NAN NAN NAN

L6.Temp -0.004225 0.000000 -594804.484 0.000

L6.Precip. horaria 0.001521 0.000000 3452.905 0.000

L6.Temp. prom aire 0.015330 0.000000 9922374.155 0.000

L7.Conduct 0.016448 NAN NAN NAN

L7.Water 0.004627 0.000000 617756.212 0.000

L7.Temp 0.014606 NAN NAN NAN

L7.Precip. horaria -0.003806 NAN NAN NAN

L7.Temp. prom aire -0.019516 NAN NAN NAN

L8.Conduct 0.041563 0.000000 11714319.091 0.000

L8.Water 0.002656 NAN NAN NAN

L8.Temp 0.002216 0.000000 1640750.684 0.000

L8.Precip. horaria 0.001238 NAN NAN NAN

L8.Temp. prom aire -0.137362 NAN NAN NAN

L9.Conduct -0.005108 NAN NAN NAN

L9.Water -0.029941 NAN NAN NAN

L9.Temp 0.030022 NAN NAN NAN

L9.Precip. horaria 0.001119 NAN NAN NAN

L9.Temp. prom aire -0.104052 NAN NAN NAN

L10.Conduct 0.034178 NAN NAN NAN

L10.Water -0.060814 NAN NAN NAN

L10.Temp 0.054010 NAN NAN NAN

L10.Precip. horaria 0.000033 NAN NAN NAN

L10.Temp. prom aire 0.165496 NAN NAN NAN

L11.Conduct 0.099196 0.000000 44740434.264 0.000

L11.Water -0.044924 NAN NAN NAN

L11.Temp -0.009804 NAN NAN NAN

L11.Precip. horaria 0.000017 NAN NAN NAN

L11.Temp. prom aire 0.229147 NAN NAN NAN

L12.Conduct 0.051744 NAN NAN NAN

L12.Water -0.025387 NAN NAN NAN

L12.Temp 0.015837 0.000000 3532932.429 0.000

L12.Precip. horaria -0.000513 NAN NAN NAN

L12.Temp. prom aire 0.336297 NAN NAN NAN

L13.Conduct 0.043545 0.000000 13492592.434 0.000

L13.Water -0.003905 0.000000 -1078112.079 0.000

L13.Temp 0.141191 NAN NAN NAN

L13.Precip. horaria -0.001089 NAN NAN NAN

L13.Temp. prom aire -0.105659 NAN NAN NAN

L14.Conduct -0.116473 NAN NAN NAN

L14.Water 0.026503 0.000000 3412479.489 0.000

L14.Temp -0.029992 0.000000 -13403117.489 0.000

L14.Precip. horaria 0.000153 NAN NAN NAN

L14.Temp. prom aire -0.006468 NAN NAN NAN

L15.Conduct 0.036880 0.000000 6673966.429 0.000

L15.Water 0.032110 0.000000 25427936.701 0.000

L15.Temp -0.042845 0.000000 -12137694.027 0.000

L15.Precip. horaria -0.001106 NAN NAN NAN

L15.Temp. prom aire 0.011139 0.000000 1672618.378 0.000

L16.Conduct 0.032825 0.000000 5623475.701 0.000

L16.Water 0.050618 NAN NAN NAN

L16.Temp 0.017437 NAN NAN NAN

L16.Precip. horaria 0.000239 NAN NAN NAN

L16.Temp. prom aire -0.156947 NAN NAN NAN

L17.Conduct 0.008019 NAN NAN NAN

L17.Water -0.006960 NAN NAN NAN

L17.Temp -0.105902 0.000000 -42565755.378 0.000

L17.Precip. horaria 0.001527 NAN NAN NAN

L17.Temp. prom aire 0.034819 NAN NAN NAN

L18.Conduct 0.050437 NAN NAN NAN

L18.Water -0.030284 NAN NAN NAN

L18.Temp -0.191204 NAN NAN NAN

L18.Precip. horaria -0.000486 NAN NAN NAN

L18.Temp. prom aire -0.221854 0.000000 -48736269.203 0.000

L19.Conduct -0.060718 NAN NAN NAN

L19.Water 0.011270 NAN NAN NAN

L19.Temp -0.111794 NAN NAN NAN

L19.Precip. horaria -0.002638 NAN NAN NAN

L19.Temp. prom aire -0.049919 NAN NAN NAN

L20.Conduct 0.002117 NAN NAN NAN

L20.Water 0.034649 0.000000 5720761.408 0.000

L20.Temp 0.080907 NAN NAN NAN

L20.Precip. horaria -0.000995 NAN NAN NAN

L20.Temp. prom aire -0.099957 0.000000 -27217041.343 0.000

L21.Conduct -0.088671 NAN NAN NAN

L21.Water 0.033608 NAN NAN NAN

L21.Temp 0.132435 0.000000 40460391.440 0.000

L21.Precip. horaria 0.002548 NAN NAN NAN

L21.Temp. prom aire 0.195201 NAN NAN NAN

L22.Conduct 0.015851 NAN NAN NAN

L22.Water 0.051734 0.000000 80320341.631 0.000

L22.Temp -0.027419 NAN NAN NAN

L22.Precip. horaria -0.000342 NAN NAN NAN

L22.Temp. prom aire -0.013480 0.000000 -7381474.327 0.000

L23.Conduct -0.042339 NAN NAN NAN

L23.Water 0.061005 NAN NAN NAN

L23.Temp 0.160131 0.000000 140234643.658 0.000

L23.Precip. horaria -0.000020 0.000000 -87.743 0.000

L23.Temp. prom aire 0.030741 0.000000 17785483.278 0.000

L24.Conduct -0.063129 0.000000 -39088643.880 0.000

L24.Water 0.146950 NAN NAN NAN

L24.Temp 0.155324 NAN NAN NAN

L24.Precip. horaria -0.000526 NAN NAN NAN

L24.Temp. prom aire 0.304763 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000420 NAN NAN NAN

L1.Conduct -0.027941 NAN NAN NAN

L1.Water 0.096420 NAN NAN NAN

L1.Temp 0.100861 NAN NAN NAN

L1.Precip. horaria -0.015180 NAN NAN NAN

L1.Temp. prom aire 0.113772 NAN NAN NAN

L2.Conduct 0.041235 NAN NAN NAN

L2.Water 0.114750 0.000000 15254863.644 0.000

L2.Temp 0.057131 NAN NAN NAN

L2.Precip. horaria 0.002577 NAN NAN NAN

L2.Temp. prom aire 0.074129 0.000000 16262393.835 0.000

L3.Conduct -0.072563 NAN NAN NAN

L3.Water 0.054395 0.000000 2334525.732 0.000

L3.Temp 0.047512 NAN NAN NAN

L3.Precip. horaria 0.004513 NAN NAN NAN

L3.Temp. prom aire -0.022528 NAN NAN NAN

L4.Conduct 0.092328 NAN NAN NAN

L4.Water -0.018683 0.000000 -1859296.067 0.000

L4.Temp 0.104517 NAN NAN NAN

L4.Precip. horaria 0.005944 NAN NAN NAN

L4.Temp. prom aire 0.052988 NAN NAN NAN

L5.Conduct -0.022883 NAN NAN NAN

L5.Water -0.052108 NAN NAN NAN

L5.Temp 0.026444 NAN NAN NAN

L5.Precip. horaria -0.001325 NAN NAN NAN

L5.Temp. prom aire 0.061399 NAN NAN NAN

L6.Conduct -0.024540 NAN NAN NAN

L6.Water -0.061496 NAN NAN NAN

L6.Temp 0.029415 0.000000 2811777.917 0.000

L6.Precip. horaria -0.001698 0.000001 -2617.469 0.000

L6.Temp. prom aire -0.045906 0.000000 -20176781.857 0.000

L7.Conduct 0.032032 NAN NAN NAN

L7.Water 0.030733 0.000000 2786398.810 0.000

L7.Temp 0.125523 NAN NAN NAN

L7.Precip. horaria -0.005266 NAN NAN NAN

L7.Temp. prom aire 0.038873 NAN NAN NAN

L8.Conduct 0.020154 0.000000 3857266.075 0.000

L8.Water 0.007561 NAN NAN NAN

L8.Temp 0.026002 0.000000 13074526.754 0.000

L8.Precip. horaria 0.001502 NAN NAN NAN

L8.Temp. prom aire 0.050261 NAN NAN NAN

L9.Conduct 0.032708 NAN NAN NAN

L9.Water 0.017299 NAN NAN NAN

L9.Temp -0.052025 NAN NAN NAN

L9.Precip. horaria 0.000358 NAN NAN NAN

L9.Temp. prom aire -0.059771 NAN NAN NAN

L10.Conduct 0.059253 NAN NAN NAN

L10.Water -0.000453 NAN NAN NAN

L10.Temp 0.101138 NAN NAN NAN

L10.Precip. horaria 0.001800 NAN NAN NAN

L10.Temp. prom aire -0.074819 NAN NAN NAN

L11.Conduct -0.034716 0.000000 -10632360.660 0.000

L11.Water -0.002477 NAN NAN NAN

L11.Temp -0.062610 NAN NAN NAN

L11.Precip. horaria -0.000036 NAN NAN NAN

L11.Temp. prom aire -0.050450 NAN NAN NAN

L12.Conduct -0.000412 NAN NAN NAN

L12.Water -0.018961 NAN NAN NAN

L12.Temp 0.081814 0.000000 12393450.486 0.000

L12.Precip. horaria -0.000163 NAN NAN NAN

L12.Temp. prom aire -0.042512 NAN NAN NAN

L13.Conduct 0.001590 0.000000 334585.081 0.000

L13.Water 0.020361 0.000000 3817180.682 0.000

L13.Temp -0.014852 NAN NAN NAN

L13.Precip. horaria -0.001029 NAN NAN NAN

L13.Temp. prom aire 0.228973 NAN NAN NAN

L14.Conduct 0.027642 NAN NAN NAN

L14.Water 0.022419 0.000000 1960163.940 0.000

L14.Temp 0.039953 0.000000 12123860.196 0.000

L14.Precip. horaria 0.000529 NAN NAN NAN

L14.Temp. prom aire 0.067057 NAN NAN NAN

L15.Conduct 0.024437 0.000000 3002871.765 0.000

L15.Water -0.000291 0.000000 -156692.654 0.000

L15.Temp 0.127532 0.000000 24533487.672 0.000

L15.Precip. horaria -0.000452 NAN NAN NAN

L15.Temp. prom aire 0.104153 0.000000 10620334.976 0.000

L16.Conduct 0.017565 0.000000 2043435.790 0.000

L16.Water 0.038704 NAN NAN NAN

L16.Temp 0.031454 NAN NAN NAN

L16.Precip. horaria 0.000202 NAN NAN NAN

L16.Temp. prom aire 0.013704 NAN NAN NAN

L17.Conduct -0.051644 NAN NAN NAN

L17.Water 0.019542 NAN NAN NAN

L17.Temp 0.075798 0.000000 20687721.398 0.000

L17.Precip. horaria -0.000922 NAN NAN NAN

L17.Temp. prom aire -0.010411 NAN NAN NAN

L18.Conduct -0.001076 NAN NAN NAN

L18.Water 0.030441 NAN NAN NAN

L18.Temp 0.029504 NAN NAN NAN

L18.Precip. horaria 0.000980 NAN NAN NAN

L18.Temp. prom aire 0.026578 0.000000 3964622.008 0.000

L19.Conduct 0.023428 NAN NAN NAN

L19.Water -0.001939 NAN NAN NAN

L19.Temp -0.124055 NAN NAN NAN

L19.Precip. horaria -0.000123 NAN NAN NAN

L19.Temp. prom aire 0.012137 NAN NAN NAN

L20.Conduct -0.011985 NAN NAN NAN

L20.Water -0.034275 0.000000 -3842725.595 0.000

L20.Temp -0.093162 NAN NAN NAN

L20.Precip. horaria 0.000406 NAN NAN NAN

L20.Temp. prom aire -0.051895 0.000000 -9595124.916 0.000

L21.Conduct 0.071602 NAN NAN NAN

L21.Water 0.005229 NAN NAN NAN

L21.Temp -0.096735 0.000000 -20068194.025 0.000

L21.Precip. horaria -0.002379 NAN NAN NAN

L21.Temp. prom aire -0.117325 NAN NAN NAN

L22.Conduct -0.096515 NAN NAN NAN

L22.Water -0.027139 0.000000 -28611791.558 0.000

L22.Temp -0.002373 NAN NAN NAN

L22.Precip. horaria 0.002041 NAN NAN NAN

L22.Temp. prom aire -0.091487 0.000000 -34016974.217 0.000

L23.Conduct 0.214946 NAN NAN NAN

L23.Water 0.027718 NAN NAN NAN

L23.Temp -0.047147 0.000000 -28037200.503 0.000

L23.Precip. horaria 0.004060 0.000000 11847.269 0.000

L23.Temp. prom aire -0.014202 0.000000 -5579532.244 0.000

L24.Conduct 0.091463 0.000000 38456056.073 0.000

L24.Water -0.018292 NAN NAN NAN

L24.Temp -0.064926 NAN NAN NAN

L24.Precip. horaria -0.003501 NAN NAN NAN

L24.Temp. prom aire -0.022785 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000025 NAN NAN NAN

L1.Conduct -0.003415 NAN NAN NAN

L1.Water -0.005954 NAN NAN NAN

L1.Temp -0.001760 NAN NAN NAN

L1.Precip. horaria -0.000263 NAN NAN NAN

L1.Temp. prom aire -0.007708 NAN NAN NAN

L2.Conduct 0.002429 NAN NAN NAN

L2.Water -0.003792 0.000000 -38432195.293 0.000

L2.Temp 0.003134 NAN NAN NAN

L2.Precip. horaria -0.000144 NAN NAN NAN

L2.Temp. prom aire 0.004664 0.000000 78000370.937 0.000

L3.Conduct -0.002571 NAN NAN NAN

L3.Water 0.002588 0.000000 8467579.673 0.000

L3.Temp -0.001322 NAN NAN NAN

L3.Precip. horaria -0.000505 NAN NAN NAN

L3.Temp. prom aire -0.000824 NAN NAN NAN

L4.Conduct 0.006151 NAN NAN NAN

L4.Water 0.002910 0.000000 22082385.708 0.000

L4.Temp -0.001733 NAN NAN NAN

L4.Precip. horaria 0.000102 NAN NAN NAN

L4.Temp. prom aire -0.000403 NAN NAN NAN

L5.Conduct -0.002552 NAN NAN NAN

L5.Water 0.002154 NAN NAN NAN

L5.Temp -0.000992 NAN NAN NAN

L5.Precip. horaria 0.000046 NAN NAN NAN

L5.Temp. prom aire 0.001141 NAN NAN NAN

L6.Conduct 0.001343 NAN NAN NAN

L6.Water -0.001335 NAN NAN NAN

L6.Temp -0.002056 0.000000 -14983776.364 0.000

L6.Precip. horaria 0.000288 0.000000 33846.682 0.000

L6.Temp. prom aire -0.000164 0.000000 -5502447.731 0.000

L7.Conduct 0.003872 NAN NAN NAN

L7.Water 0.000276 0.000000 1907228.923 0.000

L7.Temp -0.000562 NAN NAN NAN

L7.Precip. horaria -0.000117 NAN NAN NAN

L7.Temp. prom aire -0.004320 NAN NAN NAN

L8.Conduct -0.005645 0.000000 -82362875.250 0.000

L8.Water -0.001346 NAN NAN NAN

L8.Temp 0.003969 0.000000 152165530.393 0.000

L8.Precip. horaria 0.000059 NAN NAN NAN

L8.Temp. prom aire -0.003175 NAN NAN NAN

L9.Conduct -0.005131 NAN NAN NAN

L9.Water -0.000094 NAN NAN NAN

L9.Temp -0.001240 NAN NAN NAN

L9.Precip. horaria -0.000107 NAN NAN NAN

L9.Temp. prom aire 0.007630 NAN NAN NAN

L10.Conduct 0.001612 NAN NAN NAN

L10.Water 0.001376 NAN NAN NAN

L10.Temp -0.000775 NAN NAN NAN

L10.Precip. horaria -0.000044 NAN NAN NAN

L10.Temp. prom aire 0.004243 NAN NAN NAN

L11.Conduct 0.005640 0.000000 131696202.088 0.000

L11.Water 0.001037 NAN NAN NAN

L11.Temp -0.002066 NAN NAN NAN

L11.Precip. horaria 0.000060 NAN NAN NAN

L11.Temp. prom aire 0.010825 NAN NAN NAN

L12.Conduct 0.004189 NAN NAN NAN

L12.Water -0.000188 NAN NAN NAN

L12.Temp 0.005208 0.000000 60150290.778 0.000

L12.Precip. horaria 0.000069 NAN NAN NAN

L12.Temp. prom aire -0.015305 NAN NAN NAN

L13.Conduct 0.000804 0.000000 12901970.213 0.000

L13.Water -0.000983 0.000000 -14049261.739 0.000

L13.Temp 0.002325 NAN NAN NAN

L13.Precip. horaria -0.000057 NAN NAN NAN

L13.Temp. prom aire 0.002364 NAN NAN NAN

L14.Conduct -0.006123 NAN NAN NAN

L14.Water -0.000038 0.000000 -252649.425 0.000

L14.Temp -0.003349 0.000000 -77481404.005 0.000

L14.Precip. horaria -0.000028 NAN NAN NAN

L14.Temp. prom aire -0.005309 NAN NAN NAN

L15.Conduct 0.002363 0.000000 22141436.378 0.000

L15.Water 0.000523 0.000000 21458315.963 0.000

L15.Temp -0.001323 0.000000 -19397637.321 0.000

L15.Precip. horaria -0.000035 NAN NAN NAN

L15.Temp. prom aire 0.004786 0.000000 37202023.685 0.000

L16.Conduct 0.002506 0.000000 22227876.805 0.000

L16.Water 0.000931 NAN NAN NAN

L16.Temp -0.003550 NAN NAN NAN

L16.Precip. horaria 0.000036 NAN NAN NAN

L16.Temp. prom aire -0.000170 NAN NAN NAN

L17.Conduct -0.002719 NAN NAN NAN

L17.Water -0.002223 NAN NAN NAN

L17.Temp -0.005103 0.000000 -106191067.578 0.000

L17.Precip. horaria 0.000078 NAN NAN NAN

L17.Temp. prom aire -0.001936 NAN NAN NAN

L18.Conduct -0.000953 NAN NAN NAN

L18.Water -0.000347 NAN NAN NAN

L18.Temp 0.003508 NAN NAN NAN

L18.Precip. horaria -0.000025 NAN NAN NAN

L18.Temp. prom aire -0.007713 0.000000 -87710579.276 0.000

L19.Conduct -0.001011 NAN NAN NAN

L19.Water 0.000410 NAN NAN NAN

L19.Temp 0.004249 NAN NAN NAN

L19.Precip. horaria 0.000001 NAN NAN NAN

L19.Temp. prom aire 0.003161 NAN NAN NAN

L20.Conduct -0.000759 NAN NAN NAN

L20.Water 0.000341 0.000000 2915171.705 0.000

L20.Temp 0.006036 NAN NAN NAN

L20.Precip. horaria 0.000002 NAN NAN NAN

L20.Temp. prom aire 0.006314 0.000000 88999970.297 0.000

L21.Conduct 0.005052 NAN NAN NAN

L21.Water 0.001858 NAN NAN NAN

L21.Temp -0.006178 0.000000 -97714494.764 0.000

L21.Precip. horaria -0.000052 NAN NAN NAN

L21.Temp. prom aire 0.002462 NAN NAN NAN

L22.Conduct -0.003316 NAN NAN NAN

L22.Water -0.000347 0.000000 -27884514.624 0.000

L22.Temp 0.006678 NAN NAN NAN

L22.Precip. horaria -0.000032 NAN NAN NAN

L22.Temp. prom aire -0.001825 0.000000 -51725071.527 0.000

L23.Conduct -0.001962 NAN NAN NAN

L23.Water 0.001767 NAN NAN NAN

L23.Temp 0.001248 0.000000 56598268.608 0.000

L23.Precip. horaria 0.000063 0.000000 13996.839 0.000

L23.Temp. prom aire 0.006806 0.000000 203854124.799 0.000

L24.Conduct 0.001061 0.000000 34022131.748 0.000

L24.Water 0.001913 NAN NAN NAN

L24.Temp -0.003367 NAN NAN NAN

L24.Precip. horaria -0.000086 NAN NAN NAN

L24.Temp. prom aire -0.004833 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.001031 NAN NAN NAN

L1.Conduct -0.027103 NAN NAN NAN

L1.Water 0.227665 NAN NAN NAN

L1.Temp -0.047641 NAN NAN NAN

L1.Precip. horaria -0.017864 NAN NAN NAN

L1.Temp. prom aire -0.209619 NAN NAN NAN

L2.Conduct 0.039349 NAN NAN NAN

L2.Water 0.146738 0.000000 43587026.253 0.000

L2.Temp 0.086142 NAN NAN NAN

L2.Precip. horaria 0.010361 NAN NAN NAN

L2.Temp. prom aire 0.095371 0.000000 46748764.992 0.000

L3.Conduct -0.129561 NAN NAN NAN

L3.Water 0.018327 0.000000 1757425.065 0.000

L3.Temp 0.105468 NAN NAN NAN

L3.Precip. horaria 0.005865 NAN NAN NAN

L3.Temp. prom aire -0.169241 NAN NAN NAN

L4.Conduct 0.127322 NAN NAN NAN

L4.Water -0.099583 0.000000 -22143835.976 0.000

L4.Temp -0.012408 NAN NAN NAN

L4.Precip. horaria 0.008142 NAN NAN NAN

L4.Temp. prom aire 0.071857 NAN NAN NAN

L5.Conduct -0.044216 NAN NAN NAN

L5.Water -0.071752 NAN NAN NAN

L5.Temp 0.097046 NAN NAN NAN

L5.Precip. horaria -0.004724 NAN NAN NAN

L5.Temp. prom aire 0.121668 NAN NAN NAN

L6.Conduct -0.031428 NAN NAN NAN

L6.Water -0.054088 NAN NAN NAN

L6.Temp -0.079894 0.000000 -17064292.724 0.000

L6.Precip. horaria -0.003153 0.000000 -10861.360 0.000

L6.Temp. prom aire -0.053414 0.000000 -52456263.219 0.000

L7.Conduct 0.007790 NAN NAN NAN

L7.Water 0.054775 0.000000 11096481.544 0.000

L7.Temp 0.031920 NAN NAN NAN

L7.Precip. horaria -0.006599 NAN NAN NAN

L7.Temp. prom aire -0.057672 NAN NAN NAN

L8.Conduct 0.039495 0.000000 16889258.722 0.000

L8.Water -0.005151 NAN NAN NAN

L8.Temp -0.098184 0.000000 -110311083.105 0.000

L8.Precip. horaria 0.004350 NAN NAN NAN

L8.Temp. prom aire -0.259042 NAN NAN NAN

L9.Conduct 0.009763 NAN NAN NAN

L9.Water -0.032450 NAN NAN NAN

L9.Temp 0.222121 NAN NAN NAN

L9.Precip. horaria 0.001063 NAN NAN NAN

L9.Temp. prom aire 0.105255 NAN NAN NAN

L10.Conduct 0.130981 NAN NAN NAN

L10.Water -0.034062 NAN NAN NAN

L10.Temp -0.019347 NAN NAN NAN

L10.Precip. horaria 0.002292 NAN NAN NAN

L10.Temp. prom aire -0.022174 NAN NAN NAN

L11.Conduct -0.122045 0.000000 -83518711.133 0.000

L11.Water -0.108700 NAN NAN NAN

L11.Temp -0.085978 NAN NAN NAN

L11.Precip. horaria -0.001075 NAN NAN NAN

L11.Temp. prom aire 0.017272 NAN NAN NAN

L12.Conduct 0.089939 NAN NAN NAN

L12.Water 0.036033 NAN NAN NAN

L12.Temp 0.203967 0.000000 69036791.189 0.000

L12.Precip. horaria -0.002126 NAN NAN NAN

L12.Temp. prom aire 0.070916 NAN NAN NAN

L13.Conduct -0.099117 0.000000 -46597263.295 0.000

L13.Water 0.016151 0.000000 6765582.151 0.000

L13.Temp 0.050182 NAN NAN NAN

L13.Precip. horaria -0.000694 NAN NAN NAN

L13.Temp. prom aire 0.368461 NAN NAN NAN

L14.Conduct 0.063857 NAN NAN NAN

L14.Water 0.123300 0.000000 24087637.764 0.000

L14.Temp -0.142668 0.000000 -96733865.877 0.000

L14.Precip. horaria 0.001333 NAN NAN NAN

L14.Temp. prom aire 0.013239 NAN NAN NAN

L15.Conduct 0.032729 0.000000 8986369.519 0.000

L15.Water 0.048191 0.000000 57902555.654 0.000

L15.Temp 0.124963 0.000000 53712699.205 0.000

L15.Precip. horaria -0.001238 NAN NAN NAN

L15.Temp. prom aire 0.029030 0.000000 6614148.770 0.000

L16.Conduct 0.035711 0.000000 9282553.491 0.000

L16.Water 0.169918 NAN NAN NAN

L16.Temp -0.116870 NAN NAN NAN

L16.Precip. horaria 0.001094 NAN NAN NAN

L16.Temp. prom aire -0.146502 NAN NAN NAN

L17.Conduct -0.044789 NAN NAN NAN

L17.Water -0.042456 NAN NAN NAN

L17.Temp 0.394564 0.000000 240618222.370 0.000

L17.Precip. horaria -0.001100 NAN NAN NAN

L17.Temp. prom aire 0.004194 NAN NAN NAN

L18.Conduct 0.033143 NAN NAN NAN

L18.Water 0.041275 NAN NAN NAN

L18.Temp -0.061844 NAN NAN NAN

L18.Precip. horaria 0.001579 NAN NAN NAN

L18.Temp. prom aire 0.057709 0.000000 19234632.933 0.000

L19.Conduct 0.008711 NAN NAN NAN

L19.Water -0.075605 NAN NAN NAN

L19.Temp -0.127819 NAN NAN NAN

L19.Precip. horaria -0.001347 NAN NAN NAN

L19.Temp. prom aire 0.073487 NAN NAN NAN

L20.Conduct -0.048380 NAN NAN NAN

L20.Water -0.041750 0.000000 -10458790.687 0.000

L20.Temp -0.112593 NAN NAN NAN

L20.Precip. horaria -0.003637 NAN NAN NAN

L20.Temp. prom aire -0.045928 0.000000 -18973996.806 0.000

L21.Conduct 0.021203 NAN NAN NAN

L21.Water 0.073952 NAN NAN NAN

L21.Temp -0.120157 0.000000 -55696904.545 0.000

L21.Precip. horaria -0.001309 NAN NAN NAN

L21.Temp. prom aire -0.063948 NAN NAN NAN

L22.Conduct -0.071074 NAN NAN NAN

L22.Water 0.021288 0.000000 50147435.204 0.000

L22.Temp 0.113266 NAN NAN NAN

L22.Precip. horaria 0.006930 NAN NAN NAN

L22.Temp. prom aire -0.286941 0.000000 -238390793.562 0.000

L23.Conduct 0.263565 NAN NAN NAN

L23.Water 0.043426 NAN NAN NAN

L23.Temp 0.023470 0.000000 31185410.830 0.000

L23.Precip. horaria 0.006942 0.000000 45270.506 0.000

L23.Temp. prom aire 0.112207 0.000000 98497458.633 0.000

L24.Conduct 0.041072 0.000000 38585707.128 0.000

L24.Water -0.083157 NAN NAN NAN

L24.Temp -0.012561 NAN NAN NAN

L24.Precip. horaria -0.006115 NAN NAN NAN

L24.Temp. prom aire -0.010216 NAN NAN NAN

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 -0.101527 -0.326131 -0.193229 -0.192747

Water -0.101527 1.000000 0.325892 0.310882 -0.109176

Temp -0.326131 0.325892 1.000000 0.246063 0.416217

Precip. horaria -0.193229 0.310882 0.246063 1.000000 0.097476

Temp. prom aire -0.192747 -0.109176 0.416217 0.097476 1.000000

* Lag 48:

1. Sensor Sur Medio (A8404117D184396A):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -155.626

Nobs: 23.0000 HQIC: -200.155

Log likelihood: 3515.66 FPE: -3.05783e-139

AIC: -215.116 Det(Omega\_mle): -1.53474e-144

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000572 NAN NAN NAN

L1.Conduct -0.057053 0.000000 -48943570.538 0.000

L1.Water -0.018680 NAN NAN NAN

L1.Temp -0.016219 0.000000 -1820681.520 0.000

L1.Precip. horaria -0.003046 NAN NAN NAN

L1.Temp. prom aire -0.029681 NAN NAN NAN

L2.Conduct -0.059245 NAN NAN NAN

L2.Water 0.009772 0.000000 1499940.054 0.000

L2.Temp 0.050418 0.000000 5331772.212 0.000

L2.Precip. horaria 0.002165 NAN NAN NAN

L2.Temp. prom aire 0.084856 NAN NAN NAN

L3.Conduct 0.290743 NAN NAN NAN

L3.Water 0.032024 0.000000 4260022.104 0.000

L3.Temp -0.069640 NAN NAN NAN

L3.Precip. horaria -0.005812 NAN NAN NAN

L3.Temp. prom aire -0.055432 NAN NAN NAN

L4.Conduct 0.067985 NAN NAN NAN

L4.Water 0.035403 NAN NAN NAN

L4.Temp 0.027697 NAN NAN NAN

L4.Precip. horaria 0.006619 NAN NAN NAN

L4.Temp. prom aire 0.030114 NAN NAN NAN

L5.Conduct 0.050847 0.000000 138437292.518 0.000

L5.Water 0.006866 0.000000 1106689.337 0.000

L5.Temp -0.024103 NAN NAN NAN

L5.Precip. horaria -0.001391 0.000001 -1262.425 0.000

L5.Temp. prom aire -0.041163 0.000000 -4157630.949 0.000

L6.Conduct -0.176937 0.000000 -94971526.587 0.000

L6.Water -0.019215 NAN NAN NAN

L6.Temp 0.036398 NAN NAN NAN

L6.Precip. horaria 0.002088 NAN NAN NAN

L6.Temp. prom aire 0.047638 0.000000 7167990.852 0.000

L7.Conduct 0.062760 NAN NAN NAN

L7.Water 0.013931 0.000000 1447063.603 0.000

L7.Temp -0.007220 NAN NAN NAN

L7.Precip. horaria -0.003731 NAN NAN NAN

L7.Temp. prom aire -0.011691 0.000000 -1577356.735 0.000

L8.Conduct -0.049943 0.000000 -45873527.309 0.000

L8.Water 0.002359 0.000000 1123752.132 0.000

L8.Temp 0.007198 NAN NAN NAN

L8.Precip. horaria 0.001668 NAN NAN NAN

L8.Temp. prom aire 0.021938 NAN NAN NAN

L9.Conduct 0.060265 NAN NAN NAN

L9.Water 0.015613 NAN NAN NAN

L9.Temp 0.001101 NAN NAN NAN

L9.Precip. horaria 0.000404 NAN NAN NAN

L9.Temp. prom aire -0.032633 NAN NAN NAN

L10.Conduct -0.015536 NAN NAN NAN

L10.Water 0.003411 NAN NAN NAN

L10.Temp 0.005601 NAN NAN NAN

L10.Precip. horaria -0.000767 NAN NAN NAN

L10.Temp. prom aire 0.025011 0.000000 1806211.740 0.000

L11.Conduct 0.083768 NAN NAN NAN

L11.Water 0.026350 NAN NAN NAN

L11.Temp 0.021892 NAN NAN NAN

L11.Precip. horaria -0.000356 NAN NAN NAN

L11.Temp. prom aire 0.005743 0.000000 616801.640 0.000

L12.Conduct 0.032895 NAN NAN NAN

L12.Water 0.008807 NAN NAN NAN

L12.Temp 0.017604 0.000000 8459613.483 0.000

L12.Precip. horaria 0.000250 0.000002 102.750 0.000

L12.Temp. prom aire 0.034860 NAN NAN NAN

L13.Conduct 0.093325 0.000000 36116643.264 0.000

L13.Water 0.024974 0.000000 4446858.083 0.000

L13.Temp -0.010901 NAN NAN NAN

L13.Precip. horaria 0.000205 NAN NAN NAN

L13.Temp. prom aire -0.002776 0.000000 -296873.332 0.000

L14.Conduct 0.016116 NAN NAN NAN

L14.Water -0.005722 NAN NAN NAN

L14.Temp 0.019272 NAN NAN NAN

L14.Precip. horaria -0.000047 0.000003 -14.998 0.000

L14.Temp. prom aire -0.042678 NAN NAN NAN

L15.Conduct 0.061138 NAN NAN NAN

L15.Water 0.019047 NAN NAN NAN

L15.Temp -0.017481 0.000000 -4340469.822 0.000

L15.Precip. horaria 0.000095 0.000003 33.969 0.000

L15.Temp. prom aire 0.113884 0.000000 21307916.579 0.000

L16.Conduct 0.028333 NAN NAN NAN

L16.Water 0.011866 0.000000 968413.223 0.000

L16.Temp 0.027687 0.000000 5661650.721 0.000

L16.Precip. horaria -0.000018 0.000001 -19.878 0.000

L16.Temp. prom aire -0.096528 NAN NAN NAN

L17.Conduct -0.111420 NAN NAN NAN

L17.Water -0.018240 0.000000 -6036325.620 0.000

L17.Temp 0.038242 0.000000 4766297.539 0.000

L17.Precip. horaria 0.000841 NAN NAN NAN

L17.Temp. prom aire 0.099503 NAN NAN NAN

L18.Conduct 0.028141 NAN NAN NAN

L18.Water 0.002739 0.000000 270892.798 0.000

L18.Temp 0.001640 NAN NAN NAN

L18.Precip. horaria -0.001710 NAN NAN NAN

L18.Temp. prom aire -0.069638 NAN NAN NAN

L19.Conduct 0.027733 NAN NAN NAN

L19.Water 0.003266 NAN NAN NAN

L19.Temp 0.002643 0.000000 955795.955 0.000

L19.Precip. horaria 0.000344 NAN NAN NAN

L19.Temp. prom aire 0.063259 NAN NAN NAN

L20.Conduct 0.016625 0.000000 1786515.150 0.000

L20.Water 0.009147 NAN NAN NAN

L20.Temp 0.029779 NAN NAN NAN

L20.Precip. horaria 0.000405 0.000004 110.987 0.000

L20.Temp. prom aire -0.034606 NAN NAN NAN

L21.Conduct -0.078669 0.000000 -11894626.704 0.000

L21.Water -0.010402 NAN NAN NAN

L21.Temp 0.016848 NAN NAN NAN

L21.Precip. horaria 0.000652 NAN NAN NAN

L21.Temp. prom aire 0.043358 NAN NAN NAN

L22.Conduct -0.077231 NAN NAN NAN

L22.Water -0.009591 0.000000 -942293.129 0.000

L22.Temp 0.025553 NAN NAN NAN

L22.Precip. horaria -0.000145 0.000007 -20.123 0.000

L22.Temp. prom aire 0.006539 NAN NAN NAN

L23.Conduct -0.026039 0.000000 -10778647.814 0.000

L23.Water -0.000391 0.000000 -36231.813 0.000

L23.Temp 0.004177 NAN NAN NAN

L23.Precip. horaria -0.000575 NAN NAN NAN

L23.Temp. prom aire -0.019753 NAN NAN NAN

L24.Conduct 0.010248 NAN NAN NAN

L24.Water 0.007564 0.000000 2065487.076 0.000

L24.Temp 0.082236 0.000000 33060555.912 0.000

L24.Precip. horaria -0.000045 NAN NAN NAN

L24.Temp. prom aire 0.055792 NAN NAN NAN

L25.Conduct 0.000642 0.000000 125123.452 0.000

L25.Water 0.004878 0.000000 592751.583 0.000

L25.Temp -0.007980 NAN NAN NAN

L25.Precip. horaria 0.000026 NAN NAN NAN

L25.Temp. prom aire 0.028649 0.000000 3478617.634 0.000

L26.Conduct 0.006141 NAN NAN NAN

L26.Water 0.006187 NAN NAN NAN

L26.Temp 0.027365 NAN NAN NAN

L26.Precip. horaria -0.000019 NAN NAN NAN

L26.Temp. prom aire -0.004786 0.000000 -2277566.411 0.000

L27.Conduct 0.036584 NAN NAN NAN

L27.Water 0.009632 NAN NAN NAN

L27.Temp 0.057284 NAN NAN NAN

L27.Precip. horaria 0.000012 NAN NAN NAN

L27.Temp. prom aire 0.037246 NAN NAN NAN

L28.Conduct 0.012597 NAN NAN NAN

L28.Water 0.007261 NAN NAN NAN

L28.Temp 0.003785 0.000000 1673101.101 0.000

L28.Precip. horaria -0.000010 NAN NAN NAN

L28.Temp. prom aire 0.005915 0.000000 1211383.536 0.000

L29.Conduct 0.023899 NAN NAN NAN

L29.Water 0.008773 0.000000 2880187.889 0.000

L29.Temp 0.026711 NAN NAN NAN

L29.Precip. horaria 0.000002 0.000171 0.011 0.991

L29.Temp. prom aire -0.014153 NAN NAN NAN

L30.Conduct -0.033250 0.000000 -13894574.889 0.000

L30.Water -0.001386 NAN NAN NAN

L30.Temp 0.012148 NAN NAN NAN

L30.Precip. horaria -0.000008 NAN NAN NAN

L30.Temp. prom aire 0.028280 NAN NAN NAN

L31.Conduct 0.043853 NAN NAN NAN

L31.Water 0.015890 NAN NAN NAN

L31.Temp 0.012053 0.000000 3020101.945 0.000

L31.Precip. horaria 0.000012 0.000235 0.052 0.958

L31.Temp. prom aire 0.011146 0.000000 2842688.613 0.000

L32.Conduct -0.104435 0.000000 -94497243.193 0.000

L32.Water -0.026568 0.000000 -4322752.695 0.000

L32.Temp 0.047198 NAN NAN NAN

L32.Precip. horaria -0.000016 NAN NAN NAN

L32.Temp. prom aire 0.005891 NAN NAN NAN

L33.Conduct 0.063502 0.000000 35660428.681 0.000

L33.Water 0.020007 0.000000 11263635.752 0.000

L33.Temp 0.005604 0.000000 1220810.821 0.000

L33.Precip. horaria 0.000003 0.000378 0.007 0.995

L33.Temp. prom aire 0.014283 NAN NAN NAN

L34.Conduct -0.013790 0.000000 -6775654.016 0.000

L34.Water -0.010946 0.000000 -5990281.175 0.000

L34.Temp 0.046066 NAN NAN NAN

L34.Precip. horaria -0.000021 NAN NAN NAN

L34.Temp. prom aire 0.004791 NAN NAN NAN

L35.Conduct 0.079621 0.000000 42404782.707 0.000

L35.Water 0.009751 NAN NAN NAN

L35.Temp -0.015613 NAN NAN NAN

L35.Precip. horaria 0.000235 NAN NAN NAN

L35.Temp. prom aire 0.024237 NAN NAN NAN

L36.Conduct -0.004449 NAN NAN NAN

L36.Water -0.005174 NAN NAN NAN

L36.Temp 0.035814 NAN NAN NAN

L36.Precip. horaria -0.000704 0.000011 -62.387 0.000

L36.Temp. prom aire 0.016183 NAN NAN NAN

L37.Conduct 0.091437 0.000000 62921304.756 0.000

L37.Water 0.046445 NAN NAN NAN

L37.Temp -0.002790 0.000000 -316619.149 0.000

L37.Precip. horaria 0.000647 0.000013 51.394 0.000

L37.Temp. prom aire 0.007382 0.000000 967594.420 0.000

L38.Conduct 0.011692 0.000000 19778151.880 0.000

L38.Water -0.005508 0.000000 -2710590.228 0.000

L38.Temp 0.019153 NAN NAN NAN

L38.Precip. horaria -0.000112 NAN NAN NAN

L38.Temp. prom aire -0.006999 NAN NAN NAN

L39.Conduct 0.024637 0.000000 33945642.690 0.000

L39.Water 0.008164 0.000000 1121640.039 0.000

L39.Temp 0.022233 0.000000 1852849.596 0.000

L39.Precip. horaria -0.000081 NAN NAN NAN

L39.Temp. prom aire 0.005325 0.000000 793705.151 0.000

L40.Conduct -0.002398 NAN NAN NAN

L40.Water 0.000321 NAN NAN NAN

L40.Temp 0.025778 NAN NAN NAN

L40.Precip. horaria 0.000260 NAN NAN NAN

L40.Temp. prom aire 0.055604 NAN NAN NAN

L41.Conduct 0.024520 0.000000 17628121.013 0.000

L41.Water 0.031906 NAN NAN NAN

L41.Temp -0.019155 NAN NAN NAN

L41.Precip. horaria -0.001548 NAN NAN NAN

L41.Temp. prom aire -0.015963 0.000000 -1189681.944 0.000

L42.Conduct 0.052907 NAN NAN NAN

L42.Water 0.021380 0.000000 5583867.859 0.000

L42.Temp 0.025460 NAN NAN NAN

L42.Precip. horaria 0.001750 0.000004 455.797 0.000

L42.Temp. prom aire 0.006424 NAN NAN NAN

L43.Conduct 0.017486 0.000000 19633624.704 0.000

L43.Water -0.002912 NAN NAN NAN

L43.Temp 0.016543 0.000000 4902225.332 0.000

L43.Precip. horaria 0.000232 NAN NAN NAN

L43.Temp. prom aire -0.008505 NAN NAN NAN

L44.Conduct -0.030500 NAN NAN NAN

L44.Water -0.008484 NAN NAN NAN

L44.Temp -0.007835 0.000000 -902383.456 0.000

L44.Precip. horaria -0.001281 0.000003 -465.205 0.000

L44.Temp. prom aire 0.043146 NAN NAN NAN

L45.Conduct 0.076788 NAN NAN NAN

L45.Water 0.027761 NAN NAN NAN

L45.Temp 0.022755 NAN NAN NAN

L45.Precip. horaria -0.000922 NAN NAN NAN

L45.Temp. prom aire -0.010179 NAN NAN NAN

L46.Conduct 0.092885 NAN NAN NAN

L46.Water -0.001024 0.000000 -127546.321 0.000

L46.Temp -0.060977 NAN NAN NAN

L46.Precip. horaria 0.000776 0.000001 519.601 0.000

L46.Temp. prom aire -0.000142 NAN NAN NAN

L47.Conduct -0.047459 NAN NAN NAN

L47.Water 0.073306 NAN NAN NAN

L47.Temp 0.045338 0.000000 3817505.451 0.000

L47.Precip. horaria 0.002008 NAN NAN NAN

L47.Temp. prom aire -0.038028 0.000000 -2096192.812 0.000

L48.Conduct 0.022889 NAN NAN NAN

L48.Water -0.002780 NAN NAN NAN

L48.Temp -0.027417 0.000000 -2276568.691 0.000

L48.Precip. horaria -0.000375 0.000003 -127.619 0.000

L48.Temp. prom aire 0.041692 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000198 NAN NAN NAN

L1.Conduct -0.022105 0.000000 -106568228.455 0.000

L1.Water -0.005878 NAN NAN NAN

L1.Temp -0.005582 0.000000 -3521635.047 0.000

L1.Precip. horaria -0.000885 NAN NAN NAN

L1.Temp. prom aire -0.007689 NAN NAN NAN

L2.Conduct -0.014990 NAN NAN NAN

L2.Water 0.005067 0.000000 4370936.416 0.000

L2.Temp 0.012835 0.000000 7627766.777 0.000

L2.Precip. horaria 0.000688 NAN NAN NAN

L2.Temp. prom aire 0.025422 NAN NAN NAN

L3.Conduct 0.109319 NAN NAN NAN

L3.Water 0.014616 0.000000 10926962.981 0.000

L3.Temp -0.025392 NAN NAN NAN

L3.Precip. horaria -0.001729 NAN NAN NAN

L3.Temp. prom aire -0.022208 NAN NAN NAN

L4.Conduct 0.017477 NAN NAN NAN

L4.Water 0.012481 NAN NAN NAN

L4.Temp 0.010343 NAN NAN NAN

L4.Precip. horaria 0.002653 NAN NAN NAN

L4.Temp. prom aire 0.011429 NAN NAN NAN

L5.Conduct 0.029239 0.000000 447364139.974 0.000

L5.Water 0.005799 0.000000 5252172.763 0.000

L5.Temp -0.008824 NAN NAN NAN

L5.Precip. horaria -0.000746 0.000000 -3804.845 0.000

L5.Temp. prom aire -0.012841 0.000000 -7288770.701 0.000

L6.Conduct -0.049413 0.000000 -149052032.910 0.000

L6.Water -0.005185 NAN NAN NAN

L6.Temp 0.010871 NAN NAN NAN

L6.Precip. horaria 0.000360 NAN NAN NAN

L6.Temp. prom aire 0.017226 0.000000 14566622.086 0.000

L7.Conduct 0.032373 NAN NAN NAN

L7.Water 0.006313 0.000000 3685237.969 0.000

L7.Temp -0.004667 NAN NAN NAN

L7.Precip. horaria -0.001341 NAN NAN NAN

L7.Temp. prom aire -0.003550 0.000000 -2691622.031 0.000

L8.Conduct -0.006890 0.000000 -35567495.405 0.000

L8.Water 0.002023 0.000000 5416129.644 0.000

L8.Temp -0.001643 NAN NAN NAN

L8.Precip. horaria 0.000592 NAN NAN NAN

L8.Temp. prom aire 0.002746 NAN NAN NAN

L9.Conduct 0.016195 NAN NAN NAN

L9.Water 0.004274 NAN NAN NAN

L9.Temp -0.000275 NAN NAN NAN

L9.Precip. horaria 0.000395 NAN NAN NAN

L9.Temp. prom aire -0.012755 NAN NAN NAN

L10.Conduct -0.010609 NAN NAN NAN

L10.Water 0.000030 NAN NAN NAN

L10.Temp 0.000882 NAN NAN NAN

L10.Precip. horaria -0.000362 NAN NAN NAN

L10.Temp. prom aire 0.008051 0.000000 3267504.414 0.000

L11.Conduct 0.026335 NAN NAN NAN

L11.Water 0.009047 NAN NAN NAN

L11.Temp 0.007522 NAN NAN NAN

L11.Precip. horaria -0.000203 NAN NAN NAN

L11.Temp. prom aire 0.002414 0.000000 1456873.585 0.000

L12.Conduct 0.013677 NAN NAN NAN

L12.Water 0.003367 NAN NAN NAN

L12.Temp 0.005516 0.000000 14897449.761 0.000

L12.Precip. horaria 0.000216 0.000000 499.604 0.000

L12.Temp. prom aire 0.013407 NAN NAN NAN

L13.Conduct 0.035021 0.000000 76164391.705 0.000

L13.Water 0.008531 0.000000 8536579.276 0.000

L13.Temp -0.006901 NAN NAN NAN

L13.Precip. horaria 0.000159 NAN NAN NAN

L13.Temp. prom aire -0.002258 0.000000 -1356885.923 0.000

L14.Conduct 0.007882 NAN NAN NAN

L14.Water -0.002366 NAN NAN NAN

L14.Temp 0.004253 NAN NAN NAN

L14.Precip. horaria -0.000164 0.000001 -291.320 0.000

L14.Temp. prom aire -0.017067 NAN NAN NAN

L15.Conduct 0.021850 NAN NAN NAN

L15.Water 0.006457 NAN NAN NAN

L15.Temp -0.004617 0.000000 -6442840.892 0.000

L15.Precip. horaria 0.000037 0.000000 74.957 0.000

L15.Temp. prom aire 0.041046 0.000000 43158799.546 0.000

L16.Conduct 0.010930 NAN NAN NAN

L16.Water 0.004301 0.000000 1972415.589 0.000

L16.Temp 0.011105 0.000000 12762075.736 0.000

L16.Precip. horaria -0.000043 0.000000 -272.587 0.000

L16.Temp. prom aire -0.035403 NAN NAN NAN

L17.Conduct -0.044060 NAN NAN NAN

L17.Water -0.008994 0.000000 -16727906.866 0.000

L17.Temp 0.013364 0.000000 9360417.230 0.000

L17.Precip. horaria 0.000218 NAN NAN NAN

L17.Temp. prom aire 0.038332 NAN NAN NAN

L18.Conduct 0.007080 NAN NAN NAN

L18.Water -0.002064 0.000000 -1147181.758 0.000

L18.Temp -0.001451 NAN NAN NAN

L18.Precip. horaria -0.000657 NAN NAN NAN

L18.Temp. prom aire -0.022278 NAN NAN NAN

L19.Conduct 0.015090 NAN NAN NAN

L19.Water 0.001614 NAN NAN NAN

L19.Temp 0.000398 0.000000 809680.075 0.000

L19.Precip. horaria 0.000154 NAN NAN NAN

L19.Temp. prom aire 0.020142 NAN NAN NAN

L20.Conduct -0.009861 0.000000 -5954725.540 0.000

L20.Water 0.000441 NAN NAN NAN

L20.Temp 0.011773 NAN NAN NAN

L20.Precip. horaria 0.000340 0.000001 523.247 0.000

L20.Temp. prom aire -0.011277 NAN NAN NAN

L21.Conduct -0.058136 0.000000 -49397594.296 0.000

L21.Water -0.009358 NAN NAN NAN

L21.Temp 0.009082 NAN NAN NAN

L21.Precip. horaria 0.000302 NAN NAN NAN

L21.Temp. prom aire 0.013350 NAN NAN NAN

L22.Conduct -0.040536 NAN NAN NAN

L22.Water -0.005814 0.000000 -3210201.828 0.000

L22.Temp 0.011746 NAN NAN NAN

L22.Precip. horaria -0.000217 0.000001 -169.132 0.000

L22.Temp. prom aire 0.003504 NAN NAN NAN

L23.Conduct -0.010991 0.000000 -25569286.010 0.000

L23.Water -0.000369 0.000000 -192019.867 0.000

L23.Temp 0.003631 NAN NAN NAN

L23.Precip. horaria -0.000275 NAN NAN NAN

L23.Temp. prom aire -0.006089 NAN NAN NAN

L24.Conduct 0.002917 NAN NAN NAN

L24.Water 0.002624 0.000000 4027095.499 0.000

L24.Temp 0.029438 0.000000 66508534.199 0.000

L24.Precip. horaria -0.000015 NAN NAN NAN

L24.Temp. prom aire 0.021360 NAN NAN NAN

L25.Conduct -0.000933 0.000000 -1020805.897 0.000

L25.Water 0.001569 0.000000 1071476.834 0.000

L25.Temp -0.001826 NAN NAN NAN

L25.Precip. horaria 0.000009 NAN NAN NAN

L25.Temp. prom aire 0.008987 0.000000 6132314.702 0.000

L26.Conduct 0.000708 NAN NAN NAN

L26.Water 0.001923 NAN NAN NAN

L26.Temp 0.013103 NAN NAN NAN

L26.Precip. horaria -0.000004 NAN NAN NAN

L26.Temp. prom aire 0.000055 0.000000 146951.164 0.000

L27.Conduct 0.010389 NAN NAN NAN

L27.Water 0.003038 NAN NAN NAN

L27.Temp 0.022345 NAN NAN NAN

L27.Precip. horaria 0.000004 NAN NAN NAN

L27.Temp. prom aire 0.013953 NAN NAN NAN

L28.Conduct 0.000930 NAN NAN NAN

L28.Water 0.002025 NAN NAN NAN

L28.Temp 0.002341 0.000000 5815544.360 0.000

L28.Precip. horaria -0.000004 NAN NAN NAN

L28.Temp. prom aire 0.000530 0.000000 610073.124 0.000

L29.Conduct 0.006652 NAN NAN NAN

L29.Water 0.002813 0.000000 5190372.733 0.000

L29.Temp 0.013813 NAN NAN NAN

L29.Precip. horaria -0.000000 0.000030 -0.005 0.996

L29.Temp. prom aire -0.001679 NAN NAN NAN

L30.Conduct -0.011967 0.000000 -28104464.045 0.000

L30.Water -0.000550 NAN NAN NAN

L30.Temp 0.006179 NAN NAN NAN

L30.Precip. horaria -0.000003 NAN NAN NAN

L30.Temp. prom aire 0.012990 NAN NAN NAN

L31.Conduct 0.015167 NAN NAN NAN

L31.Water 0.005388 NAN NAN NAN

L31.Temp 0.006352 0.000000 8943522.555 0.000

L31.Precip. horaria 0.000004 0.000042 0.104 0.917

L31.Temp. prom aire 0.004999 0.000000 7164504.217 0.000

L32.Conduct -0.036180 0.000000 -183976475.988 0.000

L32.Water -0.009160 0.000000 -8375904.513 0.000

L32.Temp 0.019216 NAN NAN NAN

L32.Precip. horaria -0.000005 NAN NAN NAN

L32.Temp. prom aire 0.001015 NAN NAN NAN

L33.Conduct 0.021709 0.000000 68511188.676 0.000

L33.Water 0.007183 0.000000 22725290.695 0.000

L33.Temp 0.002698 0.000000 3302744.452 0.000

L33.Precip. horaria 0.000001 0.000067 0.018 0.986

L33.Temp. prom aire 0.002292 NAN NAN NAN

L34.Conduct -0.009815 0.000000 -27099881.766 0.000

L34.Water -0.004954 0.000000 -15237412.973 0.000

L34.Temp 0.017561 NAN NAN NAN

L34.Precip. horaria -0.000009 NAN NAN NAN

L34.Temp. prom aire 0.003148 NAN NAN NAN

L35.Conduct 0.021513 0.000000 64388496.096 0.000

L35.Water 0.002244 NAN NAN NAN

L35.Temp -0.003699 NAN NAN NAN

L35.Precip. horaria 0.000076 NAN NAN NAN

L35.Temp. prom aire 0.010066 NAN NAN NAN

L36.Conduct -0.004355 NAN NAN NAN

L36.Water -0.002564 NAN NAN NAN

L36.Temp 0.014876 NAN NAN NAN

L36.Precip. horaria -0.000237 0.000002 -118.295 0.000

L36.Temp. prom aire 0.006812 NAN NAN NAN

L37.Conduct 0.027811 0.000000 107548308.808 0.000

L37.Water 0.013420 NAN NAN NAN

L37.Temp 0.000709 0.000000 451906.774 0.000

L37.Precip. horaria 0.000239 0.000002 106.763 0.000

L37.Temp. prom aire 0.003571 0.000000 2630195.274 0.000

L38.Conduct 0.003875 0.000000 36836166.849 0.000

L38.Water -0.003928 0.000000 -10862821.042 0.000

L38.Temp 0.006921 NAN NAN NAN

L38.Precip. horaria -0.000064 NAN NAN NAN

L38.Temp. prom aire -0.001149 NAN NAN NAN

L39.Conduct 0.009785 0.000000 75763234.184 0.000

L39.Water 0.002473 0.000000 1909691.248 0.000

L39.Temp 0.009266 0.000000 4339467.016 0.000

L39.Precip. horaria -0.000038 NAN NAN NAN

L39.Temp. prom aire 0.002785 0.000000 2332799.105 0.000

L40.Conduct 0.002933 NAN NAN NAN

L40.Water 0.000404 NAN NAN NAN

L40.Temp 0.008826 NAN NAN NAN

L40.Precip. horaria 0.000100 NAN NAN NAN

L40.Temp. prom aire 0.020345 NAN NAN NAN

L41.Conduct 0.011071 0.000000 44726767.667 0.000

L41.Water 0.010294 NAN NAN NAN

L41.Temp -0.007323 NAN NAN NAN

L41.Precip. horaria -0.000529 NAN NAN NAN

L41.Temp. prom aire -0.006533 0.000000 -2736210.493 0.000

L42.Conduct 0.020326 NAN NAN NAN

L42.Water 0.006267 0.000000 9197915.594 0.000

L42.Temp 0.008555 NAN NAN NAN

L42.Precip. horaria 0.000635 0.000001 929.799 0.000

L42.Temp. prom aire 0.000915 NAN NAN NAN

L43.Conduct 0.007338 0.000000 46303946.728 0.000

L43.Water -0.001999 NAN NAN NAN

L43.Temp 0.005561 0.000000 9261288.030 0.000

L43.Precip. horaria -0.000019 NAN NAN NAN

L43.Temp. prom aire -0.001177 NAN NAN NAN

L44.Conduct -0.006514 NAN NAN NAN

L44.Water -0.001568 NAN NAN NAN

L44.Temp -0.006238 0.000000 -4037632.651 0.000

L44.Precip. horaria -0.000459 0.000000 -935.755 0.000

L44.Temp. prom aire 0.014034 NAN NAN NAN

L45.Conduct 0.027832 NAN NAN NAN

L45.Water 0.010317 NAN NAN NAN

L45.Temp 0.004793 NAN NAN NAN

L45.Precip. horaria -0.000206 NAN NAN NAN

L45.Temp. prom aire -0.006936 NAN NAN NAN

L46.Conduct 0.027385 NAN NAN NAN

L46.Water -0.000645 0.000000 -451393.078 0.000

L46.Temp -0.021744 NAN NAN NAN

L46.Precip. horaria 0.000244 0.000000 917.166 0.000

L46.Temp. prom aire -0.000498 NAN NAN NAN

L47.Conduct -0.017663 NAN NAN NAN

L47.Water 0.024400 NAN NAN NAN

L47.Temp 0.016536 0.000000 7824592.422 0.000

L47.Precip. horaria 0.000618 NAN NAN NAN

L47.Temp. prom aire -0.011861 0.000000 -3674158.766 0.000

L48.Conduct 0.012967 NAN NAN NAN

L48.Water -0.002976 NAN NAN NAN

L48.Temp -0.011180 0.000000 -5217124.853 0.000

L48.Precip. horaria -0.000233 0.000001 -444.703 0.000

L48.Temp. prom aire 0.015049 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000132 NAN NAN NAN

L1.Conduct -0.007774 0.000000 -35852161.430 0.000

L1.Water -0.008348 NAN NAN NAN

L1.Temp -0.017023 0.000000 -10272833.014 0.000

L1.Precip. horaria -0.001357 NAN NAN NAN

L1.Temp. prom aire -0.014827 NAN NAN NAN

L2.Conduct 0.033177 NAN NAN NAN

L2.Water 0.012067 0.000000 9957241.983 0.000

L2.Temp 0.010682 0.000000 6072413.193 0.000

L2.Precip. horaria 0.000936 NAN NAN NAN

L2.Temp. prom aire 0.013662 NAN NAN NAN

L3.Conduct -0.023040 NAN NAN NAN

L3.Water -0.013335 0.000000 -9535998.990 0.000

L3.Temp -0.013319 NAN NAN NAN

L3.Precip. horaria -0.000411 NAN NAN NAN

L3.Temp. prom aire -0.016570 NAN NAN NAN

L4.Conduct 0.006903 NAN NAN NAN

L4.Water 0.013362 NAN NAN NAN

L4.Temp 0.014071 NAN NAN NAN

L4.Precip. horaria 0.001152 NAN NAN NAN

L4.Temp. prom aire 0.011258 NAN NAN NAN

L5.Conduct -0.019908 0.000000 -291376461.020 0.000

L5.Water -0.005879 0.000000 -5094020.729 0.000

L5.Temp -0.001080 NAN NAN NAN

L5.Precip. horaria -0.000940 0.000000 -4587.236 0.000

L5.Temp. prom aire -0.012112 0.000000 -6576326.216 0.000

L6.Conduct -0.056369 0.000000 -162649425.231 0.000

L6.Water -0.005316 NAN NAN NAN

L6.Temp 0.019803 NAN NAN NAN

L6.Precip. horaria 0.001056 NAN NAN NAN

L6.Temp. prom aire 0.029483 0.000000 23848023.195 0.000

L7.Conduct 0.069887 NAN NAN NAN

L7.Water 0.010341 0.000000 5774166.528 0.000

L7.Temp -0.013330 NAN NAN NAN

L7.Precip. horaria -0.001781 NAN NAN NAN

L7.Temp. prom aire -0.015619 0.000000 -11328308.635 0.000

L8.Conduct 0.001112 0.000000 5489776.722 0.000

L8.Water 0.003577 0.000000 9159151.651 0.000

L8.Temp 0.009831 NAN NAN NAN

L8.Precip. horaria 0.001315 NAN NAN NAN

L8.Temp. prom aire 0.013759 NAN NAN NAN

L9.Conduct 0.020662 NAN NAN NAN

L9.Water 0.003961 NAN NAN NAN

L9.Temp -0.003304 NAN NAN NAN

L9.Precip. horaria -0.000510 NAN NAN NAN

L9.Temp. prom aire -0.010958 NAN NAN NAN

L10.Conduct -0.024308 NAN NAN NAN

L10.Water -0.000341 NAN NAN NAN

L10.Temp 0.010256 NAN NAN NAN

L10.Precip. horaria 0.000472 NAN NAN NAN

L10.Temp. prom aire 0.011155 0.000000 4330392.987 0.000

L11.Conduct 0.001568 NAN NAN NAN

L11.Water 0.001510 NAN NAN NAN

L11.Temp 0.003404 NAN NAN NAN

L11.Precip. horaria -0.000428 NAN NAN NAN

L11.Temp. prom aire -0.004000 0.000000 -2309202.215 0.000

L12.Conduct 0.000909 NAN NAN NAN

L12.Water 0.002339 NAN NAN NAN

L12.Temp 0.006118 0.000000 15804350.514 0.000

L12.Precip. horaria 0.000278 0.000000 615.209 0.000

L12.Temp. prom aire 0.010962 NAN NAN NAN

L13.Conduct 0.026058 0.000000 54210422.968 0.000

L13.Water 0.006191 0.000000 5926387.625 0.000

L13.Temp -0.005602 NAN NAN NAN

L13.Precip. horaria -0.000382 NAN NAN NAN

L13.Temp. prom aire -0.004993 0.000000 -2870556.504 0.000

L14.Conduct 0.006544 NAN NAN NAN

L14.Water 0.003392 NAN NAN NAN

L14.Temp 0.009067 NAN NAN NAN

L14.Precip. horaria 0.000454 0.000001 771.188 0.000

L14.Temp. prom aire 0.006530 NAN NAN NAN

L15.Conduct 0.011001 NAN NAN NAN

L15.Water 0.004820 NAN NAN NAN

L15.Temp -0.002009 0.000000 -2682020.547 0.000

L15.Precip. horaria -0.000084 0.000001 -161.112 0.000

L15.Temp. prom aire 0.003975 0.000000 3997958.591 0.000

L16.Conduct 0.004544 NAN NAN NAN

L16.Water 0.003872 0.000000 1698695.485 0.000

L16.Temp 0.009042 0.000000 9939476.894 0.000

L16.Precip. horaria 0.000070 0.000000 419.896 0.000

L16.Temp. prom aire -0.012206 NAN NAN NAN

L17.Conduct 0.003396 NAN NAN NAN

L17.Water 0.000924 0.000000 1644281.932 0.000

L17.Temp -0.001511 0.000000 -1012117.902 0.000

L17.Precip. horaria -0.000109 NAN NAN NAN

L17.Temp. prom aire 0.016132 NAN NAN NAN

L18.Conduct 0.028657 NAN NAN NAN

L18.Water 0.007316 0.000000 3889225.662 0.000

L18.Temp 0.004751 NAN NAN NAN

L18.Precip. horaria -0.000136 NAN NAN NAN

L18.Temp. prom aire -0.021927 NAN NAN NAN

L19.Conduct 0.022632 NAN NAN NAN

L19.Water 0.004516 NAN NAN NAN

L19.Temp -0.004165 0.000000 -8095068.526 0.000

L19.Precip. horaria 0.000030 NAN NAN NAN

L19.Temp. prom aire 0.034456 NAN NAN NAN

L20.Conduct 0.003097 0.000000 1788784.797 0.000

L20.Water 0.001626 NAN NAN NAN

L20.Temp 0.002999 NAN NAN NAN

L20.Precip. horaria 0.000184 0.000001 270.195 0.000

L20.Temp. prom aire -0.020136 NAN NAN NAN

L21.Conduct 0.006976 0.000000 5670380.378 0.000

L21.Water 0.002315 NAN NAN NAN

L21.Temp 0.002168 NAN NAN NAN

L21.Precip. horaria -0.000062 NAN NAN NAN

L21.Temp. prom aire 0.013372 NAN NAN NAN

L22.Conduct -0.002010 NAN NAN NAN

L22.Water 0.000692 0.000000 365547.574 0.000

L22.Temp 0.007204 NAN NAN NAN

L22.Precip. horaria 0.000095 0.000001 70.909 0.000

L22.Temp. prom aire -0.007798 NAN NAN NAN

L23.Conduct 0.000094 0.000000 208804.517 0.000

L23.Water 0.000822 0.000000 409242.941 0.000

L23.Temp -0.001323 NAN NAN NAN

L23.Precip. horaria -0.000035 NAN NAN NAN

L23.Temp. prom aire 0.006933 NAN NAN NAN

L24.Conduct 0.007702 NAN NAN NAN

L24.Water 0.002559 0.000000 3756312.826 0.000

L24.Temp 0.008927 0.000000 19293336.734 0.000

L24.Precip. horaria -0.000024 NAN NAN NAN

L24.Temp. prom aire 0.003503 NAN NAN NAN

L25.Conduct 0.007049 0.000000 7381451.886 0.000

L25.Water 0.001865 0.000000 1218198.067 0.000

L25.Temp -0.003594 NAN NAN NAN

L25.Precip. horaria 0.000018 NAN NAN NAN

L25.Temp. prom aire 0.006295 0.000000 4109261.906 0.000

L26.Conduct 0.007874 NAN NAN NAN

L26.Water 0.002482 NAN NAN NAN

L26.Temp 0.004135 NAN NAN NAN

L26.Precip. horaria -0.000007 NAN NAN NAN

L26.Temp. prom aire 0.000227 0.000000 581099.623 0.000

L27.Conduct 0.002203 NAN NAN NAN

L27.Water 0.001216 NAN NAN NAN

L27.Temp -0.004053 NAN NAN NAN

L27.Precip. horaria 0.000009 NAN NAN NAN

L27.Temp. prom aire -0.006715 NAN NAN NAN

L28.Conduct -0.001286 NAN NAN NAN

L28.Water 0.001039 NAN NAN NAN

L28.Temp 0.009147 0.000000 21737947.424 0.000

L28.Precip. horaria -0.000007 NAN NAN NAN

L28.Temp. prom aire 0.003949 0.000000 4347418.841 0.000

L29.Conduct 0.000565 NAN NAN NAN

L29.Water 0.001006 0.000000 1775683.277 0.000

L29.Temp -0.002415 NAN NAN NAN

L29.Precip. horaria 0.000002 0.000032 0.049 0.961

L29.Temp. prom aire 0.005684 NAN NAN NAN

L30.Conduct -0.009697 0.000000 -21784716.163 0.000

L30.Water -0.001797 NAN NAN NAN

L30.Temp 0.000847 NAN NAN NAN

L30.Precip. horaria -0.000006 NAN NAN NAN

L30.Temp. prom aire -0.004074 NAN NAN NAN

L31.Conduct 0.015973 NAN NAN NAN

L31.Water 0.002949 NAN NAN NAN

L31.Temp 0.008648 0.000000 11648800.560 0.000

L31.Precip. horaria 0.000005 0.000044 0.111 0.912

L31.Temp. prom aire 0.012481 0.000000 17111766.729 0.000

L32.Conduct 0.001830 0.000000 8903027.148 0.000

L32.Water -0.000846 0.000000 -740293.767 0.000

L32.Temp 0.000035 NAN NAN NAN

L32.Precip. horaria -0.000001 NAN NAN NAN

L32.Temp. prom aire -0.004780 NAN NAN NAN

L33.Conduct 0.028337 0.000000 85544627.229 0.000

L33.Water 0.005938 0.000000 17970390.439 0.000

L33.Temp -0.002789 0.000000 -3266056.462 0.000

L33.Precip. horaria 0.000006 0.000070 0.091 0.928

L33.Temp. prom aire 0.004117 NAN NAN NAN

L34.Conduct -0.003782 0.000000 -9988431.783 0.000

L34.Water 0.000006 0.000000 16722.164 0.000

L34.Temp 0.003920 NAN NAN NAN

L34.Precip. horaria -0.000047 NAN NAN NAN

L34.Temp. prom aire -0.001934 NAN NAN NAN

L35.Conduct 0.026027 0.000000 74515175.423 0.000

L35.Water 0.011180 NAN NAN NAN

L35.Temp -0.006712 NAN NAN NAN

L35.Precip. horaria 0.000051 NAN NAN NAN

L35.Temp. prom aire 0.000193 NAN NAN NAN

L36.Conduct -0.019858 NAN NAN NAN

L36.Water -0.003117 NAN NAN NAN

L36.Temp 0.013194 NAN NAN NAN

L36.Precip. horaria -0.000035 0.000002 -16.560 0.000

L36.Temp. prom aire -0.000493 NAN NAN NAN

L37.Conduct 0.016833 0.000000 62268214.150 0.000

L37.Water 0.007804 NAN NAN NAN

L37.Temp -0.002399 0.000000 -1463350.754 0.000

L37.Precip. horaria 0.000075 0.000002 32.149 0.000

L37.Temp. prom aire 0.004218 0.000000 2972358.407 0.000

L38.Conduct -0.006158 0.000000 -55997109.816 0.000

L38.Water -0.002033 0.000000 -5377699.770 0.000

L38.Temp 0.010699 NAN NAN NAN

L38.Precip. horaria -0.000093 NAN NAN NAN

L38.Temp. prom aire 0.004448 NAN NAN NAN

L39.Conduct 0.013972 0.000000 103491803.366 0.000

L39.Water 0.006994 0.000000 5165513.157 0.000

L39.Temp -0.005031 0.000000 -2254020.715 0.000

L39.Precip. horaria -0.000003 NAN NAN NAN

L39.Temp. prom aire 0.002022 0.000000 1619973.812 0.000

L40.Conduct -0.000452 NAN NAN NAN

L40.Water 0.002294 NAN NAN NAN

L40.Temp 0.006409 NAN NAN NAN

L40.Precip. horaria -0.000003 NAN NAN NAN

L40.Temp. prom aire 0.005285 NAN NAN NAN

L41.Conduct 0.009484 0.000000 36653067.387 0.000

L41.Water 0.009912 NAN NAN NAN

L41.Temp 0.000116 NAN NAN NAN

L41.Precip. horaria 0.000088 NAN NAN NAN

L41.Temp. prom aire -0.005868 0.000000 -2351052.170 0.000

L42.Conduct -0.006678 NAN NAN NAN

L42.Water -0.003395 0.000000 -4767014.169 0.000

L42.Temp 0.010400 NAN NAN NAN

L42.Precip. horaria 0.000048 0.000001 67.240 0.000

L42.Temp. prom aire 0.006947 NAN NAN NAN

L43.Conduct 0.006076 0.000000 36671518.486 0.000

L43.Water 0.001083 NAN NAN NAN

L43.Temp 0.004282 0.000000 6821698.818 0.000

L43.Precip. horaria -0.000289 NAN NAN NAN

L43.Temp. prom aire 0.001807 NAN NAN NAN

L44.Conduct 0.002685 NAN NAN NAN

L44.Water 0.000639 NAN NAN NAN

L44.Temp -0.000120 0.000000 -74328.641 0.000

L44.Precip. horaria 0.000211 0.000001 411.878 0.000

L44.Temp. prom aire 0.007713 NAN NAN NAN

L45.Conduct 0.007413 NAN NAN NAN

L45.Water 0.012852 NAN NAN NAN

L45.Temp 0.001914 NAN NAN NAN

L45.Precip. horaria -0.000027 NAN NAN NAN

L45.Temp. prom aire -0.005116 NAN NAN NAN

L46.Conduct 0.002179 NAN NAN NAN

L46.Water 0.003189 0.000000 2135278.412 0.000

L46.Temp -0.001677 NAN NAN NAN

L46.Precip. horaria 0.000484 0.000000 1742.821 0.000

L46.Temp. prom aire 0.001560 NAN NAN NAN

L47.Conduct -0.005573 NAN NAN NAN

L47.Water -0.000057 NAN NAN NAN

L47.Temp 0.014466 0.000000 6547762.597 0.000

L47.Precip. horaria 0.000184 NAN NAN NAN

L47.Temp. prom aire -0.004890 0.000000 -1449017.756 0.000

L48.Conduct -0.011589 NAN NAN NAN

L48.Water -0.004711 NAN NAN NAN

L48.Temp 0.000794 0.000000 354478.497 0.000

L48.Precip. horaria -0.000710 0.000001 -1298.891 0.000

L48.Temp. prom aire 0.017155 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000001 NAN NAN NAN

L1.Conduct -0.001335 0.000000 -123596556.480 0.000

L1.Water -0.000742 NAN NAN NAN

L1.Temp -0.001901 0.000000 -23037313.562 0.000

L1.Precip. horaria -0.000126 NAN NAN NAN

L1.Temp. prom aire -0.001747 NAN NAN NAN

L2.Conduct 0.001522 NAN NAN NAN

L2.Water 0.000924 0.000000 15307561.100 0.000

L2.Temp 0.001310 0.000000 14954768.123 0.000

L2.Precip. horaria 0.000024 NAN NAN NAN

L2.Temp. prom aire 0.001146 NAN NAN NAN

L3.Conduct -0.000647 NAN NAN NAN

L3.Water -0.000547 0.000000 -7850158.219 0.000

L3.Temp -0.000423 NAN NAN NAN

L3.Precip. horaria -0.000097 NAN NAN NAN

L3.Temp. prom aire 0.000392 NAN NAN NAN

L4.Conduct 0.001937 NAN NAN NAN

L4.Water 0.001090 NAN NAN NAN

L4.Temp 0.000342 NAN NAN NAN

L4.Precip. horaria 0.000056 NAN NAN NAN

L4.Temp. prom aire -0.000092 NAN NAN NAN

L5.Conduct -0.001720 0.000000 -505593072.042 0.000

L5.Water -0.001178 0.000000 -20486768.223 0.000

L5.Temp -0.000857 NAN NAN NAN

L5.Precip. horaria -0.000038 0.000000 -3745.526 0.000

L5.Temp. prom aire -0.001052 0.000000 -11468507.617 0.000

L6.Conduct -0.000843 0.000000 -48818633.217 0.000

L6.Water -0.000098 NAN NAN NAN

L6.Temp 0.000272 NAN NAN NAN

L6.Precip. horaria 0.000036 NAN NAN NAN

L6.Temp. prom aire 0.000675 0.000000 10971459.419 0.000

L7.Conduct 0.006486 NAN NAN NAN

L7.Water 0.001318 0.000000 14782362.506 0.000

L7.Temp -0.000464 NAN NAN NAN

L7.Precip. horaria -0.000107 NAN NAN NAN

L7.Temp. prom aire -0.000971 0.000000 -14137216.270 0.000

L8.Conduct -0.005196 0.000000 -515228193.376 0.000

L8.Water -0.000651 0.000000 -33467261.669 0.000

L8.Temp 0.001101 NAN NAN NAN

L8.Precip. horaria 0.000127 NAN NAN NAN

L8.Temp. prom aire 0.001372 NAN NAN NAN

L9.Conduct -0.000519 NAN NAN NAN

L9.Water -0.000357 NAN NAN NAN

L9.Temp -0.000304 NAN NAN NAN

L9.Precip. horaria 0.000021 NAN NAN NAN

L9.Temp. prom aire 0.000192 NAN NAN NAN

L10.Conduct -0.000305 NAN NAN NAN

L10.Water -0.000193 NAN NAN NAN

L10.Temp -0.001550 NAN NAN NAN

L10.Precip. horaria -0.000079 NAN NAN NAN

L10.Temp. prom aire -0.001454 0.000000 -11335483.875 0.000

L11.Conduct 0.002626 NAN NAN NAN

L11.Water 0.000795 NAN NAN NAN

L11.Temp 0.000798 NAN NAN NAN

L11.Precip. horaria 0.000059 NAN NAN NAN

L11.Temp. prom aire 0.000116 0.000000 1348346.284 0.000

L12.Conduct -0.002385 NAN NAN NAN

L12.Water -0.000250 NAN NAN NAN

L12.Temp 0.000094 0.000000 4883148.501 0.000

L12.Precip. horaria -0.000007 0.000000 -300.626 0.000

L12.Temp. prom aire -0.000031 NAN NAN NAN

L13.Conduct 0.000400 0.000000 16724136.460 0.000

L13.Water 0.000433 0.000000 8324958.799 0.000

L13.Temp 0.000644 NAN NAN NAN

L13.Precip. horaria -0.000024 NAN NAN NAN

L13.Temp. prom aire 0.000723 0.000000 8341495.044 0.000

L14.Conduct -0.000895 NAN NAN NAN

L14.Water -0.001059 NAN NAN NAN

L14.Temp 0.000014 NAN NAN NAN

L14.Precip. horaria -0.000042 0.000000 -1429.602 0.000

L14.Temp. prom aire 0.000502 NAN NAN NAN

L15.Conduct 0.006899 NAN NAN NAN

L15.Water 0.001449 NAN NAN NAN

L15.Temp -0.001062 0.000000 -28466556.930 0.000

L15.Precip. horaria -0.000005 0.000000 -202.618 0.000

L15.Temp. prom aire 0.000081 0.000000 1642594.587 0.000

L16.Conduct 0.002448 NAN NAN NAN

L16.Water 0.000294 0.000000 2592736.121 0.000

L16.Temp -0.000296 0.000000 -6541109.676 0.000

L16.Precip. horaria 0.000022 0.000000 2606.464 0.000

L16.Temp. prom aire -0.001976 NAN NAN NAN

L17.Conduct -0.007406 NAN NAN NAN

L17.Water -0.001278 0.000000 -45639522.262 0.000

L17.Temp 0.000678 0.000000 9124540.197 0.000

L17.Precip. horaria 0.000097 NAN NAN NAN

L17.Temp. prom aire 0.002009 NAN NAN NAN

L18.Conduct -0.000600 NAN NAN NAN

L18.Water -0.000051 0.000000 -542005.242 0.000

L18.Temp 0.000019 NAN NAN NAN

L18.Precip. horaria -0.000080 NAN NAN NAN

L18.Temp. prom aire -0.001700 NAN NAN NAN

L19.Conduct -0.002393 NAN NAN NAN

L19.Water -0.000446 NAN NAN NAN

L19.Temp 0.000032 0.000000 1231648.990 0.000

L19.Precip. horaria 0.000023 NAN NAN NAN

L19.Temp. prom aire 0.002334 NAN NAN NAN

L20.Conduct 0.000768 0.000000 8912031.731 0.000

L20.Water 0.000179 NAN NAN NAN

L20.Temp 0.000125 NAN NAN NAN

L20.Precip. horaria -0.000031 0.000000 -912.352 0.000

L20.Temp. prom aire -0.002653 NAN NAN NAN

L21.Conduct 0.000647 0.000000 10561951.839 0.000

L21.Water 0.000151 NAN NAN NAN

L21.Temp 0.000182 NAN NAN NAN

L21.Precip. horaria 0.000007 NAN NAN NAN

L21.Temp. prom aire 0.001628 NAN NAN NAN

L22.Conduct 0.000301 NAN NAN NAN

L22.Water 0.000052 0.000000 548143.744 0.000

L22.Temp 0.000166 NAN NAN NAN

L22.Precip. horaria 0.000004 0.000000 63.016 0.000

L22.Temp. prom aire 0.000057 NAN NAN NAN

L23.Conduct -0.000089 0.000000 -3994781.270 0.000

L23.Water -0.000019 0.000000 -191566.443 0.000

L23.Temp -0.000175 NAN NAN NAN

L23.Precip. horaria 0.000001 NAN NAN NAN

L23.Temp. prom aire 0.000100 NAN NAN NAN

L24.Conduct 0.000122 NAN NAN NAN

L24.Water 0.000044 0.000000 1308561.266 0.000

L24.Temp 0.000543 0.000000 23550874.061 0.000

L24.Precip. horaria -0.000001 NAN NAN NAN

L24.Temp. prom aire -0.000862 NAN NAN NAN

L25.Conduct -0.000159 0.000000 -3334043.211 0.000

L25.Water -0.000040 0.000000 -522221.583 0.000

L25.Temp -0.000290 NAN NAN NAN

L25.Precip. horaria 0.000002 NAN NAN NAN

L25.Temp. prom aire 0.000262 0.000000 3428420.721 0.000

L26.Conduct -0.000225 NAN NAN NAN

L26.Water -0.000010 NAN NAN NAN

L26.Temp 0.000057 NAN NAN NAN

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire 0.000424 0.000000 21788592.748 0.000

L27.Conduct -0.000165 NAN NAN NAN

L27.Water -0.000023 NAN NAN NAN

L27.Temp 0.000313 NAN NAN NAN

L27.Precip. horaria 0.000000 NAN NAN NAN

L27.Temp. prom aire 0.000361 NAN NAN NAN

L28.Conduct -0.000167 NAN NAN NAN

L28.Water -0.000011 NAN NAN NAN

L28.Temp 0.000362 0.000000 17297620.762 0.000

L28.Precip. horaria 0.000000 NAN NAN NAN

L28.Temp. prom aire 0.001158 0.000000 25600156.427 0.000

L29.Conduct -0.000064 NAN NAN NAN

L29.Water 0.000003 0.000000 102452.235 0.000

L29.Temp -0.000124 NAN NAN NAN

L29.Precip. horaria 0.000000 0.000002 0.259 0.796

L29.Temp. prom aire -0.002284 NAN NAN NAN

L30.Conduct -0.000500 0.000000 -22557587.157 0.000

L30.Water -0.000147 NAN NAN NAN

L30.Temp 0.000403 NAN NAN NAN

L30.Precip. horaria -0.000001 NAN NAN NAN

L30.Temp. prom aire 0.000912 NAN NAN NAN

L31.Conduct 0.001195 NAN NAN NAN

L31.Water 0.000243 NAN NAN NAN

L31.Temp 0.000471 0.000000 12752143.343 0.000

L31.Precip. horaria -0.000000 0.000002 -0.203 0.839

L31.Temp. prom aire 0.000248 0.000000 6830805.702 0.000

L32.Conduct -0.000746 0.000000 -72834141.254 0.000

L32.Water -0.000204 0.000000 -3581412.294 0.000

L32.Temp -0.000611 NAN NAN NAN

L32.Precip. horaria -0.000000 NAN NAN NAN

L32.Temp. prom aire 0.000132 NAN NAN NAN

L33.Conduct 0.000579 0.000000 35081302.467 0.000

L33.Water 0.000139 0.000000 8455169.631 0.000

L33.Temp -0.000278 0.000000 -6537930.211 0.000

L33.Precip. horaria 0.000000 0.000004 0.133 0.894

L33.Temp. prom aire -0.000281 NAN NAN NAN

L34.Conduct -0.001537 0.000000 -81538698.532 0.000

L34.Water -0.000322 0.000000 -19034645.615 0.000

L34.Temp 0.000423 NAN NAN NAN

L34.Precip. horaria -0.000001 NAN NAN NAN

L34.Temp. prom aire -0.000228 NAN NAN NAN

L35.Conduct 0.000565 0.000000 32499473.182 0.000

L35.Water 0.000237 NAN NAN NAN

L35.Temp 0.000091 NAN NAN NAN

L35.Precip. horaria 0.000004 NAN NAN NAN

L35.Temp. prom aire 0.000131 NAN NAN NAN

L36.Conduct -0.002078 NAN NAN NAN

L36.Water -0.000740 NAN NAN NAN

L36.Temp 0.000876 NAN NAN NAN

L36.Precip. horaria -0.000005 0.000000 -43.391 0.000

L36.Temp. prom aire 0.000291 NAN NAN NAN

L37.Conduct 0.001614 0.000000 119919844.620 0.000

L37.Water 0.000437 NAN NAN NAN

L37.Temp -0.000392 0.000000 -4797863.060 0.000

L37.Precip. horaria 0.000002 0.000000 20.577 0.000

L37.Temp. prom aire 0.000864 0.000000 12229931.170 0.000

L38.Conduct -0.000255 0.000000 -46535787.968 0.000

L38.Water -0.000312 0.000000 -16592778.452 0.000

L38.Temp 0.000051 NAN NAN NAN

L38.Precip. horaria -0.000004 NAN NAN NAN

L38.Temp. prom aire -0.000645 NAN NAN NAN

L39.Conduct 0.001213 0.000000 180357325.471 0.000

L39.Water 0.000306 0.000000 4538014.674 0.000

L39.Temp 0.000301 0.000000 2705611.306 0.000

L39.Precip. horaria 0.000000 NAN NAN NAN

L39.Temp. prom aire 0.000170 0.000000 2734669.926 0.000

L40.Conduct 0.000814 NAN NAN NAN

L40.Water 0.000128 NAN NAN NAN

L40.Temp 0.000074 NAN NAN NAN

L40.Precip. horaria 0.000005 NAN NAN NAN

L40.Temp. prom aire 0.000530 NAN NAN NAN

L41.Conduct 0.000113 0.000000 8753861.843 0.000

L41.Water 0.000207 NAN NAN NAN

L41.Temp -0.001017 NAN NAN NAN

L41.Precip. horaria -0.000000 NAN NAN NAN

L41.Temp. prom aire -0.001346 0.000000 -10831526.609 0.000

L42.Conduct -0.001124 NAN NAN NAN

L42.Water -0.000502 0.000000 -14157771.841 0.000

L42.Temp 0.000543 NAN NAN NAN

L42.Precip. horaria -0.000008 0.000000 -232.798 0.000

L42.Temp. prom aire 0.000788 NAN NAN NAN

L43.Conduct -0.001056 0.000000 -128011973.214 0.000

L43.Water 0.000144 NAN NAN NAN

L43.Temp -0.000062 0.000000 -1968591.182 0.000

L43.Precip. horaria -0.000008 NAN NAN NAN

L43.Temp. prom aire -0.000330 NAN NAN NAN

L44.Conduct -0.000481 NAN NAN NAN

L44.Water 0.000079 NAN NAN NAN

L44.Temp 0.000179 0.000000 2226294.052 0.000

L44.Precip. horaria 0.000024 0.000000 941.126 0.000

L44.Temp. prom aire 0.000283 NAN NAN NAN

L45.Conduct -0.000543 NAN NAN NAN

L45.Water -0.000060 NAN NAN NAN

L45.Temp 0.000625 NAN NAN NAN

L45.Precip. horaria -0.000011 NAN NAN NAN

L45.Temp. prom aire -0.000159 NAN NAN NAN

L46.Conduct 0.001854 NAN NAN NAN

L46.Water -0.000462 0.000000 -6213782.208 0.000

L46.Temp -0.000814 NAN NAN NAN

L46.Precip. horaria 0.000012 0.000000 848.438 0.000

L46.Temp. prom aire 0.000588 NAN NAN NAN

L47.Conduct -0.000613 NAN NAN NAN

L47.Water -0.000145 NAN NAN NAN

L47.Temp 0.000385 0.000000 3496510.401 0.000

L47.Precip. horaria -0.000022 NAN NAN NAN

L47.Temp. prom aire -0.000207 0.000000 -1230226.013 0.000

L48.Conduct 0.001066 NAN NAN NAN

L48.Water 0.001192 NAN NAN NAN

L48.Temp -0.001255 0.000000 -11244736.445 0.000

L48.Precip. horaria -0.000031 0.000000 -1127.100 0.000

L48.Temp. prom aire 0.000216 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000136 NAN NAN NAN

L1.Conduct 0.056765 0.000000 228816379.648 0.000

L1.Water 0.001924 NAN NAN NAN

L1.Temp -0.036927 0.000000 -19478224.770 0.000

L1.Precip. horaria -0.002129 NAN NAN NAN

L1.Temp. prom aire -0.039971 NAN NAN NAN

L2.Conduct 0.023431 NAN NAN NAN

L2.Water 0.010076 0.000000 7267261.066 0.000

L2.Temp 0.016123 0.000000 8011454.157 0.000

L2.Precip. horaria 0.001950 NAN NAN NAN

L2.Temp. prom aire 0.022293 NAN NAN NAN

L3.Conduct -0.049196 NAN NAN NAN

L3.Water -0.018669 0.000000 -11669407.206 0.000

L3.Temp -0.020238 NAN NAN NAN

L3.Precip. horaria -0.000479 NAN NAN NAN

L3.Temp. prom aire -0.031868 NAN NAN NAN

L4.Conduct 0.002933 NAN NAN NAN

L4.Water 0.016413 NAN NAN NAN

L4.Temp 0.024040 NAN NAN NAN

L4.Precip. horaria 0.001269 NAN NAN NAN

L4.Temp. prom aire 0.024130 NAN NAN NAN

L5.Conduct -0.039579 0.000000 -506329495.625 0.000

L5.Water -0.013012 0.000000 -9854073.254 0.000

L5.Temp -0.005244 NAN NAN NAN

L5.Precip. horaria -0.001955 0.000000 -8336.022 0.000

L5.Temp. prom aire -0.018929 0.000000 -8983528.545 0.000

L6.Conduct -0.040528 0.000000 -102214319.064 0.000

L6.Water -0.000882 NAN NAN NAN

L6.Temp 0.025616 NAN NAN NAN

L6.Precip. horaria 0.001809 NAN NAN NAN

L6.Temp. prom aire 0.046406 0.000000 32810226.369 0.000

L7.Conduct 0.086851 NAN NAN NAN

L7.Water 0.009844 0.000000 4804461.801 0.000

L7.Temp -0.030121 NAN NAN NAN

L7.Precip. horaria -0.002578 NAN NAN NAN

L7.Temp. prom aire -0.039340 0.000000 -24939588.604 0.000

L8.Conduct -0.003696 0.000000 -15952425.632 0.000

L8.Water 0.005566 0.000000 12459365.775 0.000

L8.Temp 0.021451 NAN NAN NAN

L8.Precip. horaria 0.002638 NAN NAN NAN

L8.Temp. prom aire 0.030007 NAN NAN NAN

L9.Conduct 0.003606 NAN NAN NAN

L9.Water -0.000893 NAN NAN NAN

L9.Temp -0.013650 NAN NAN NAN

L9.Precip. horaria -0.001397 NAN NAN NAN

L9.Temp. prom aire -0.027163 NAN NAN NAN

L10.Conduct -0.030360 NAN NAN NAN

L10.Water 0.003588 NAN NAN NAN

L10.Temp 0.024984 NAN NAN NAN

L10.Precip. horaria 0.001157 NAN NAN NAN

L10.Temp. prom aire 0.025841 0.000000 8768625.745 0.000

L11.Conduct -0.007542 NAN NAN NAN

L11.Water -0.004960 NAN NAN NAN

L11.Temp -0.005840 NAN NAN NAN

L11.Precip. horaria -0.001400 NAN NAN NAN

L11.Temp. prom aire -0.013263 0.000000 -6693207.953 0.000

L12.Conduct 0.026445 NAN NAN NAN

L12.Water 0.009742 NAN NAN NAN

L12.Temp 0.013816 0.000000 31196475.705 0.000

L12.Precip. horaria 0.001018 0.000001 1966.993 0.000

L12.Temp. prom aire 0.020098 NAN NAN NAN

L13.Conduct 0.046414 0.000000 84399252.631 0.000

L13.Water 0.004815 0.000000 4028878.188 0.000

L13.Temp -0.020317 NAN NAN NAN

L13.Precip. horaria -0.001161 NAN NAN NAN

L13.Temp. prom aire -0.004003 0.000000 -2011663.756 0.000

L14.Conduct -0.004174 NAN NAN NAN

L14.Water 0.004858 NAN NAN NAN

L14.Temp 0.019864 NAN NAN NAN

L14.Precip. horaria 0.001246 0.000001 1849.520 0.000

L14.Temp. prom aire 0.003270 NAN NAN NAN

L15.Conduct 0.006120 NAN NAN NAN

L15.Water 0.001260 NAN NAN NAN

L15.Temp -0.002765 0.000000 -3225877.512 0.000

L15.Precip. horaria -0.000511 0.000001 -857.107 0.000

L15.Temp. prom aire 0.000145 0.000000 127192.703 0.000

L16.Conduct -0.020556 NAN NAN NAN

L16.Water 0.001211 0.000000 464494.934 0.000

L16.Temp 0.011924 0.000000 11457209.069 0.000

L16.Precip. horaria 0.000484 0.000000 2549.768 0.000

L16.Temp. prom aire -0.009430 NAN NAN NAN

L17.Conduct 0.006760 NAN NAN NAN

L17.Water -0.001549 0.000000 -2409052.144 0.000

L17.Temp -0.006458 0.000000 -3781781.415 0.000

L17.Precip. horaria -0.000682 NAN NAN NAN

L17.Temp. prom aire 0.011655 NAN NAN NAN

L18.Conduct 0.017926 NAN NAN NAN

L18.Water 0.006275 0.000000 2915658.104 0.000

L18.Temp 0.011760 NAN NAN NAN

L18.Precip. horaria 0.000291 NAN NAN NAN

L18.Temp. prom aire -0.014939 NAN NAN NAN

L19.Conduct 0.036350 NAN NAN NAN

L19.Water 0.007706 NAN NAN NAN

L19.Temp -0.010486 0.000000 -17815508.228 0.000

L19.Precip. horaria -0.000254 NAN NAN NAN

L19.Temp. prom aire 0.036547 NAN NAN NAN

L20.Conduct -0.031479 0.000000 -15894076.734 0.000

L20.Water -0.004645 NAN NAN NAN

L20.Temp 0.010215 NAN NAN NAN

L20.Precip. horaria 0.000582 0.000001 748.738 0.000

L20.Temp. prom aire -0.025200 NAN NAN NAN

L21.Conduct 0.004366 0.000000 3101567.900 0.000

L21.Water 0.001794 NAN NAN NAN

L21.Temp 0.003411 NAN NAN NAN

L21.Precip. horaria -0.000398 NAN NAN NAN

L21.Temp. prom aire 0.012451 NAN NAN NAN

L22.Conduct 0.004678 NAN NAN NAN

L22.Water 0.002183 0.000000 1007860.972 0.000

L22.Temp 0.017123 NAN NAN NAN

L22.Precip. horaria 0.000094 0.000002 60.934 0.000

L22.Temp. prom aire -0.004361 NAN NAN NAN

L23.Conduct 0.000053 0.000000 103087.507 0.000

L23.Water 0.000866 0.000000 376699.289 0.000

L23.Temp -0.007937 NAN NAN NAN

L23.Precip. horaria 0.000018 NAN NAN NAN

L23.Temp. prom aire 0.013958 NAN NAN NAN

L24.Conduct 0.008726 NAN NAN NAN

L24.Water 0.002788 0.000000 3576734.815 0.000

L24.Temp 0.012696 0.000000 23982514.790 0.000

L24.Precip. horaria -0.000028 NAN NAN NAN

L24.Temp. prom aire -0.004135 NAN NAN NAN

L25.Conduct 0.011237 0.000000 10284736.169 0.000

L25.Water 0.002307 0.000000 1317550.094 0.000

L25.Temp 0.001334 NAN NAN NAN

L25.Precip. horaria 0.000028 NAN NAN NAN

L25.Temp. prom aire 0.022923 0.000000 13078137.417 0.000

L26.Conduct 0.005503 NAN NAN NAN

L26.Water 0.002408 NAN NAN NAN

L26.Temp 0.003183 NAN NAN NAN

L26.Precip. horaria -0.000011 NAN NAN NAN

L26.Temp. prom aire -0.014599 0.000000 -32643994.056 0.000

L27.Conduct -0.002584 NAN NAN NAN

L27.Water 0.000423 NAN NAN NAN

L27.Temp -0.004417 NAN NAN NAN

L27.Precip. horaria 0.000013 NAN NAN NAN

L27.Temp. prom aire -0.001363 NAN NAN NAN

L28.Conduct -0.008290 NAN NAN NAN

L28.Water 0.000007 NAN NAN NAN

L28.Temp 0.016328 0.000000 33917740.539 0.000

L28.Precip. horaria -0.000016 NAN NAN NAN

L28.Temp. prom aire -0.001229 0.000000 -1182306.800 0.000

L29.Conduct -0.000764 NAN NAN NAN

L29.Water 0.000511 0.000000 787970.022 0.000

L29.Temp -0.007083 NAN NAN NAN

L29.Precip. horaria 0.000005 0.000036 0.126 0.900

L29.Temp. prom aire 0.016623 NAN NAN NAN

L30.Conduct -0.022394 0.000000 -43971205.339 0.000

L30.Water -0.006385 NAN NAN NAN

L30.Temp 0.009514 NAN NAN NAN

L30.Precip. horaria -0.000016 NAN NAN NAN

L30.Temp. prom aire -0.012688 NAN NAN NAN

L31.Conduct 0.027973 NAN NAN NAN

L31.Water 0.004729 NAN NAN NAN

L31.Temp 0.005291 0.000000 6229498.805 0.000

L31.Precip. horaria 0.000018 0.000050 0.352 0.725

L31.Temp. prom aire 0.023748 0.000000 28458487.633 0.000

L32.Conduct 0.004150 0.000000 17643878.284 0.000

L32.Water -0.002686 0.000000 -2053117.200 0.000

L32.Temp 0.001021 NAN NAN NAN

L32.Precip. horaria -0.000004 NAN NAN NAN

L32.Temp. prom aire -0.017403 NAN NAN NAN

L33.Conduct 0.028940 0.000000 76362670.406 0.000

L33.Water 0.004062 0.000000 10745759.824 0.000

L33.Temp -0.006716 0.000000 -6874701.505 0.000

L33.Precip. horaria 0.000016 0.000080 0.194 0.846

L33.Temp. prom aire 0.009408 NAN NAN NAN

L34.Conduct -0.009357 0.000000 -21601874.778 0.000

L34.Water 0.000436 0.000000 1120901.027 0.000

L34.Temp 0.007048 NAN NAN NAN

L34.Precip. horaria -0.000144 NAN NAN NAN

L34.Temp. prom aire 0.001144 NAN NAN NAN

L35.Conduct 0.031417 0.000000 78621026.256 0.000

L35.Water 0.015565 NAN NAN NAN

L35.Temp -0.008306 NAN NAN NAN

L35.Precip. horaria 0.000175 NAN NAN NAN

L35.Temp. prom aire -0.004830 NAN NAN NAN

L36.Conduct -0.027803 NAN NAN NAN

L36.Water -0.009370 NAN NAN NAN

L36.Temp 0.021348 NAN NAN NAN

L36.Precip. horaria -0.000048 0.000002 -20.134 0.000

L36.Temp. prom aire 0.002589 NAN NAN NAN

L37.Conduct 0.026596 0.000000 85996518.443 0.000

L37.Water 0.007781 NAN NAN NAN

L37.Temp -0.005186 0.000000 -2765394.163 0.000

L37.Precip. horaria 0.000015 0.000003 5.741 0.000

L37.Temp. prom aire 0.007956 0.000000 4899611.647 0.000

L38.Conduct -0.006943 0.000000 -55188524.921 0.000

L38.Water -0.001736 0.000000 -4014132.685 0.000

L38.Temp 0.010799 NAN NAN NAN

L38.Precip. horaria -0.000110 NAN NAN NAN

L38.Temp. prom aire 0.006823 NAN NAN NAN

L39.Conduct 0.027455 0.000000 177747537.857 0.000

L39.Water 0.013986 0.000000 9028472.894 0.000

L39.Temp -0.012714 0.000000 -4978452.840 0.000

L39.Precip. horaria -0.000162 NAN NAN NAN

L39.Temp. prom aire -0.001196 0.000000 -837553.886 0.000

L40.Conduct -0.005251 NAN NAN NAN

L40.Water 0.002879 NAN NAN NAN

L40.Temp 0.009570 NAN NAN NAN

L40.Precip. horaria 0.000308 NAN NAN NAN

L40.Temp. prom aire 0.000029 NAN NAN NAN

L41.Conduct 0.005233 0.000000 17677355.790 0.000

L41.Water 0.007801 NAN NAN NAN

L41.Temp 0.000174 NAN NAN NAN

L41.Precip. horaria 0.000125 NAN NAN NAN

L41.Temp. prom aire -0.005886 0.000000 -2061174.352 0.000

L42.Conduct -0.031041 NAN NAN NAN

L42.Water -0.011474 0.000000 -14080600.992 0.000

L42.Temp 0.013258 NAN NAN NAN

L42.Precip. horaria -0.000439 0.000001 -537.140 0.000

L42.Temp. prom aire 0.011965 NAN NAN NAN

L43.Conduct 0.031242 0.000000 164828071.068 0.000

L43.Water 0.007894 NAN NAN NAN

L43.Temp 0.003188 0.000000 4438531.628 0.000

L43.Precip. horaria -0.000273 NAN NAN NAN

L43.Temp. prom aire 0.004265 NAN NAN NAN

L44.Conduct -0.001047 NAN NAN NAN

L44.Water -0.000722 NAN NAN NAN

L44.Temp -0.010282 0.000000 -5564346.446 0.000

L44.Precip. horaria 0.000546 0.000001 930.887 0.000

L44.Temp. prom aire 0.002727 NAN NAN NAN

L45.Conduct 0.001129 NAN NAN NAN

L45.Water 0.027706 NAN NAN NAN

L45.Temp 0.001025 NAN NAN NAN

L45.Precip. horaria 0.000244 NAN NAN NAN

L45.Temp. prom aire -0.012534 NAN NAN NAN

L46.Conduct -0.005273 NAN NAN NAN

L46.Water -0.005078 0.000000 -2971911.698 0.000

L46.Temp 0.003029 NAN NAN NAN

L46.Precip. horaria 0.000486 0.000000 1527.279 0.000

L46.Temp. prom aire 0.007497 NAN NAN NAN

L47.Conduct -0.004112 NAN NAN NAN

L47.Water -0.006519 NAN NAN NAN

L47.Temp 0.012480 0.000000 4937586.238 0.000

L47.Precip. horaria -0.000060 NAN NAN NAN

L47.Temp. prom aire -0.008473 0.000000 -2194432.294 0.000

L48.Conduct -0.022947 NAN NAN NAN

L48.Water 0.012698 NAN NAN NAN

L48.Temp 0.006704 0.000000 2615506.680 0.000

L48.Precip. horaria -0.001258 0.000001 -2011.047 0.000

L48.Temp. prom aire 0.025843 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.653877 0.229506 0.324186 0.035806

Water 0.653877 1.000000 -0.309733 0.378154 -0.242043

Temp 0.229506 -0.309733 1.000000 -0.336164 0.772603

Precip. horaria 0.324186 0.378154 -0.336164 1.000000 -0.378328

Temp. prom aire 0.035806 -0.242043 0.772603 -0.378328 1.000000

1. Sensor Este Medio (A840417D41843964):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -157.387

Nobs: 23.0000 HQIC: -201.916

Log likelihood: 3535.91 FPE: -5.25476e-140

AIC: -216.877 Det(Omega\_mle): -2.63738e-145

---------------------------------------------------------------------

Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000649 NAN NAN NAN

L1.Conduct -0.003110 0.000000 -386843.560 0.000

L1.Water -0.040038 0.000000 -1302356.788 0.000

L1.Temp -0.016452 NAN NAN NAN

L1.Precip. horaria -0.004047 0.000009 -444.671 0.000

L1.Temp. prom aire -0.041424 NAN NAN NAN

L2.Conduct -0.029496 NAN NAN NAN

L2.Water -0.002801 0.000000 -47092.736 0.000

L2.Temp 0.062131 NAN NAN NAN

L2.Precip. horaria 0.000096 0.000003 29.648 0.000

L2.Temp. prom aire 0.082134 0.000000 489035.600 0.000

L3.Conduct 0.213112 0.000000 11222643.840 0.000

L3.Water 0.032168 NAN NAN NAN

L3.Temp -0.007729 0.000000 -55401.651 0.000

L3.Precip. horaria -0.005956 NAN NAN NAN

L3.Temp. prom aire -0.034346 NAN NAN NAN

L4.Conduct 0.066338 0.000000 4022802.517 0.000

L4.Water 0.045337 0.000000 1258480.012 0.000

L4.Temp 0.020279 NAN NAN NAN

L4.Precip. horaria 0.005292 NAN NAN NAN

L4.Temp. prom aire 0.050756 NAN NAN NAN

L5.Conduct 0.030459 0.000000 348131.492 0.000

L5.Water 0.006570 NAN NAN NAN

L5.Temp -0.015709 NAN NAN NAN

L5.Precip. horaria -0.000536 0.000015 -35.167 0.000

L5.Temp. prom aire -0.039806 NAN NAN NAN

L6.Conduct -0.176542 NAN NAN NAN

L6.Water -0.019263 0.000000 -555736.072 0.000

L6.Temp 0.009361 0.000000 274695.484 0.000

L6.Precip. horaria 0.004268 0.000010 438.236 0.000

L6.Temp. prom aire 0.035223 0.000000 308349.619 0.000

L7.Conduct -0.061898 0.000000 -1011674.295 0.000

L7.Water -0.012462 0.000000 -427627.293 0.000

L7.Temp 0.014601 0.000000 371834.561 0.000

L7.Precip. horaria -0.002315 NAN NAN NAN

L7.Temp. prom aire -0.027099 0.000000 -28685616.966 0.000

L8.Conduct -0.210523 0.000000 -2903808.874 0.000

L8.Water -0.032730 NAN NAN NAN

L8.Temp 0.021273 0.000000 299214.709 0.000

L8.Precip. horaria 0.002104 0.000018 116.512 0.000

L8.Temp. prom aire 0.032306 NAN NAN NAN

L9.Conduct -0.024831 0.000000 -779450.415 0.000

L9.Water -0.014437 0.000000 -220362.345 0.000

L9.Temp 0.047406 NAN NAN NAN

L9.Precip. horaria -0.001659 0.000007 -253.638 0.000

L9.Temp. prom aire -0.011218 0.000000 -91975.586 0.000

L10.Conduct 0.000857 0.000000 22582.303 0.000

L10.Water 0.002555 0.000000 18480.237 0.000

L10.Temp 0.041174 NAN NAN NAN

L10.Precip. horaria -0.001722 0.000014 -122.311 0.000

L10.Temp. prom aire 0.044166 NAN NAN NAN

L11.Conduct 0.152669 0.000000 11857760.744 0.000

L11.Water 0.042471 0.000000 1166065.267 0.000

L11.Temp 0.035002 0.000000 1903918.939 0.000

L11.Precip. horaria -0.001257 0.000018 -69.816 0.000

L11.Temp. prom aire 0.011249 NAN NAN NAN

L12.Conduct 0.081521 0.000000 1964046.472 0.000

L12.Water 0.026888 0.000000 134457.111 0.000

L12.Temp 0.026374 0.000000 719494.589 0.000

L12.Precip. horaria 0.000986 0.000009 113.993 0.000

L12.Temp. prom aire 0.044657 0.000000 1090128.245 0.000

L13.Conduct 0.047208 NAN NAN NAN

L13.Water 0.022028 0.000000 115971.495 0.000

L13.Temp -0.007393 0.000000 -164388.478 0.000

L13.Precip. horaria 0.000406 0.000006 65.618 0.000

L13.Temp. prom aire -0.023893 NAN NAN NAN

L14.Conduct -0.054993 NAN NAN NAN

L14.Water -0.016683 0.000000 -189246.677 0.000

L14.Temp 0.041926 0.000000 1705655.749 0.000

L14.Precip. horaria 0.001078 0.000057 18.952 0.000

L14.Temp. prom aire -0.009398 NAN NAN NAN

L15.Conduct -0.042611 0.000000 -797298.586 0.000

L15.Water -0.001551 0.000000 -23534.014 0.000

L15.Temp -0.016232 NAN NAN NAN

L15.Precip. horaria 0.000213 NAN NAN NAN

L15.Temp. prom aire 0.081655 0.000000 1383238.263 0.000

L16.Conduct -0.027684 NAN NAN NAN

L16.Water 0.005093 0.000000 30373.738 0.000

L16.Temp 0.024547 NAN NAN NAN

L16.Precip. horaria -0.000252 0.000029 -8.584 0.000

L16.Temp. prom aire -0.068589 0.000000 -1494628.420 0.000

L17.Conduct -0.115434 NAN NAN NAN

L17.Water -0.019354 NAN NAN NAN

L17.Temp 0.049466 NAN NAN NAN

L17.Precip. horaria 0.000624 0.000018 34.207 0.000

L17.Temp. prom aire 0.102249 0.000000 805494.891 0.000

L18.Conduct 0.040329 NAN NAN NAN

L18.Water 0.012558 NAN NAN NAN

L18.Temp 0.023843 0.000000 264242.000 0.000

L18.Precip. horaria -0.001693 NAN NAN NAN

L18.Temp. prom aire -0.064135 0.000000 -1073214.280 0.000

L19.Conduct 0.086314 NAN NAN NAN

L19.Water 0.018592 NAN NAN NAN

L19.Temp 0.020358 0.000000 1042554.068 0.000

L19.Precip. horaria -0.000003 0.000032 -0.099 0.921

L19.Temp. prom aire 0.056238 NAN NAN NAN

L20.Conduct 0.071095 NAN NAN NAN

L20.Water 0.020189 NAN NAN NAN

L20.Temp 0.032957 NAN NAN NAN

L20.Precip. horaria 0.000330 NAN NAN NAN

L20.Temp. prom aire -0.050665 NAN NAN NAN

L21.Conduct 0.029285 NAN NAN NAN

L21.Water 0.010308 0.000000 74984.124 0.000

L21.Temp -0.004380 NAN NAN NAN

L21.Precip. horaria 0.000248 NAN NAN NAN

L21.Temp. prom aire 0.056126 NAN NAN NAN

L22.Conduct -0.019685 0.000000 -107320.878 0.000

L22.Water -0.000265 0.000000 -2456.037 0.000

L22.Temp 0.012651 NAN NAN NAN

L22.Precip. horaria 0.000393 0.000028 14.045 0.000

L22.Temp. prom aire -0.004414 NAN NAN NAN

L23.Conduct -0.027356 NAN NAN NAN

L23.Water -0.001385 0.000000 -19670.113 0.000

L23.Temp -0.004207 0.000000 -126069.876 0.000

L23.Precip. horaria -0.000237 NAN NAN NAN

L23.Temp. prom aire 0.009175 0.000000 412109.075 0.000

L24.Conduct 0.000522 NAN NAN NAN

L24.Water 0.007886 0.000000 48738.030 0.000

L24.Temp 0.090339 NAN NAN NAN

L24.Precip. horaria -0.000029 NAN NAN NAN

L24.Temp. prom aire 0.048421 NAN NAN NAN

L25.Conduct -0.004304 NAN NAN NAN

L25.Water 0.002504 NAN NAN NAN

L25.Temp -0.016949 0.000000 -198388.476 0.000

L25.Precip. horaria 0.000035 NAN NAN NAN

L25.Temp. prom aire 0.014318 0.000000 135420.106 0.000

L26.Conduct -0.001802 NAN NAN NAN

L26.Water 0.004471 0.000000 50060.268 0.000

L26.Temp 0.057452 NAN NAN NAN

L26.Precip. horaria -0.000043 0.001875 -0.023 0.982

L26.Temp. prom aire 0.007015 0.000000 138153.729 0.000

L27.Conduct 0.037171 NAN NAN NAN

L27.Water 0.008419 0.000000 116521.182 0.000

L27.Temp 0.035612 NAN NAN NAN

L27.Precip. horaria -0.000000 NAN NAN NAN

L27.Temp. prom aire 0.032123 NAN NAN NAN

L28.Conduct 0.031157 NAN NAN NAN

L28.Water 0.008356 0.000000 50335.543 0.000

L28.Temp 0.003247 NAN NAN NAN

L28.Precip. horaria -0.000022 0.002421 -0.009 0.993

L28.Temp. prom aire 0.011679 0.000000 351918.668 0.000

L29.Conduct 0.045890 NAN NAN NAN

L29.Water 0.009250 NAN NAN NAN

L29.Temp -0.002682 0.000000 -108178.604 0.000

L29.Precip. horaria 0.000013 0.002620 0.005 0.996

L29.Temp. prom aire -0.024852 0.000000 -282817.470 0.000

L30.Conduct 0.011390 0.000000 293295.274 0.000

L30.Water 0.002916 0.000000 12879.194 0.000

L30.Temp 0.007550 NAN NAN NAN

L30.Precip. horaria 0.000008 NAN NAN NAN

L30.Temp. prom aire 0.012481 NAN NAN NAN

L31.Conduct 0.025049 0.000000 146950.230 0.000

L31.Water 0.009693 NAN NAN NAN

L31.Temp -0.012842 0.000000 -723347.432 0.000

L31.Precip. horaria 0.000017 0.005298 0.003 0.997

L31.Temp. prom aire 0.005554 0.000000 24572.031 0.000

L32.Conduct 0.002017 NAN NAN NAN

L32.Water -0.016483 0.000000 -122546.051 0.000

L32.Temp 0.066520 0.000000 1397903.727 0.000

L32.Precip. horaria -0.000019 0.000447 -0.043 0.966

L32.Temp. prom aire -0.002244 0.000000 -16405.680 0.000

L33.Conduct 0.029098 NAN NAN NAN

L33.Water 0.016440 NAN NAN NAN

L33.Temp 0.005552 0.000000 109689.373 0.000

L33.Precip. horaria -0.000009 0.000982 -0.009 0.993

L33.Temp. prom aire 0.033407 NAN NAN NAN

L34.Conduct 0.023680 NAN NAN NAN

L34.Water -0.001488 NAN NAN NAN

L34.Temp 0.047991 NAN NAN NAN

L34.Precip. horaria 0.000062 0.000473 0.130 0.896

L34.Temp. prom aire 0.004325 0.000000 113954.936 0.000

L35.Conduct 0.038109 NAN NAN NAN

L35.Water 0.029035 NAN NAN NAN

L35.Temp -0.026309 0.000000 -550414.144 0.000

L35.Precip. horaria 0.000080 0.000304 0.263 0.793

L35.Temp. prom aire 0.030121 0.000000 392664.238 0.000

L36.Conduct 0.025813 0.000000 465087.828 0.000

L36.Water 0.014046 NAN NAN NAN

L36.Temp 0.009432 NAN NAN NAN

L36.Precip. horaria -0.000592 NAN NAN NAN

L36.Temp. prom aire 0.009955 0.000000 251398.138 0.000

L37.Conduct 0.027551 0.000000 247513.185 0.000

L37.Water 0.033640 0.000000 416395.357 0.000

L37.Temp -0.042143 0.000000 -230214.130 0.000

L37.Precip. horaria 0.000575 0.000411 1.400 0.161

L37.Temp. prom aire -0.009984 0.000000 -83263.648 0.000

L38.Conduct 0.015261 0.000000 356324.237 0.000

L38.Water 0.004969 0.000000 58801.290 0.000

L38.Temp 0.009207 NAN NAN NAN

L38.Precip. horaria -0.000132 0.000085 -1.545 0.122

L38.Temp. prom aire -0.028487 0.000000 -161387.842 0.000

L39.Conduct -0.001333 0.000000 -104474.153 0.000

L39.Water 0.003813 0.000000 77334.267 0.000

L39.Temp 0.015331 0.000000 150834.983 0.000

L39.Precip. horaria 0.000260 NAN NAN NAN

L39.Temp. prom aire -0.006768 NAN NAN NAN

L40.Conduct 0.010015 NAN NAN NAN

L40.Water 0.000298 NAN NAN NAN

L40.Temp 0.042638 0.000000 467802.962 0.000

L40.Precip. horaria -0.000125 NAN NAN NAN

L40.Temp. prom aire 0.051849 NAN NAN NAN

L41.Conduct 0.009448 0.000000 134507.017 0.000

L41.Water 0.019498 0.000000 200904.095 0.000

L41.Temp -0.001506 NAN NAN NAN

L41.Precip. horaria -0.001252 0.000016 -77.068 0.000

L41.Temp. prom aire -0.004857 NAN NAN NAN

L42.Conduct 0.035345 NAN NAN NAN

L42.Water 0.028819 NAN NAN NAN

L42.Temp 0.019181 0.000000 143201.210 0.000

L42.Precip. horaria 0.001647 0.000060 27.430 0.000

L42.Temp. prom aire 0.021856 NAN NAN NAN

L43.Conduct 0.012420 NAN NAN NAN

L43.Water 0.007510 NAN NAN NAN

L43.Temp 0.008528 0.000000 483562.823 0.000

L43.Precip. horaria 0.000188 0.000011 16.434 0.000

L43.Temp. prom aire -0.002391 0.000000 -205026.653 0.000

L44.Conduct 0.031895 0.000000 1044709.860 0.000

L44.Water 0.013136 0.000000 95025.344 0.000

L44.Temp -0.004971 0.000000 -202759.616 0.000

L44.Precip. horaria -0.000917 0.000013 -72.185 0.000

L44.Temp. prom aire 0.026327 NAN NAN NAN

L45.Conduct -0.052080 0.000000 -2777812.208 0.000

L45.Water 0.012880 0.000000 64860.111 0.000

L45.Temp 0.024137 0.000000 106960.135 0.000

L45.Precip. horaria -0.001186 0.000010 -120.556 0.000

L45.Temp. prom aire -0.008737 0.000000 -28865.094 0.000

L46.Conduct -0.044501 NAN NAN NAN

L46.Water 0.005851 NAN NAN NAN

L46.Temp -0.050015 0.000000 -763471.761 0.000

L46.Precip. horaria 0.000540 NAN NAN NAN

L46.Temp. prom aire 0.001203 NAN NAN NAN

L47.Conduct 0.153153 0.000000 6442373.034 0.000

L47.Water 0.087474 0.000000 6821669.553 0.000

L47.Temp 0.049647 NAN NAN NAN

L47.Precip. horaria 0.001632 NAN NAN NAN

L47.Temp. prom aire -0.031879 0.000000 -1754003.083 0.000

L48.Conduct 0.072765 NAN NAN NAN

L48.Water 0.004184 0.000000 38484.582 0.000

L48.Temp -0.018723 0.000000 -187432.867 0.000

L48.Precip. horaria 0.001019 0.000019 53.646 0.000

L48.Temp. prom aire 0.029574 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000255 NAN NAN NAN

L1.Conduct -0.022697 0.000000 -34131278.045 0.000

L1.Water -0.010498 0.000000 -4128601.162 0.000

L1.Temp -0.000425 NAN NAN NAN

L1.Precip. horaria -0.000416 0.000001 -552.638 0.000

L1.Temp. prom aire -0.001600 NAN NAN NAN

L2.Conduct -0.033924 NAN NAN NAN

L2.Water -0.004732 0.000000 -961786.533 0.000

L2.Temp 0.012656 NAN NAN NAN

L2.Precip. horaria 0.000140 0.000000 521.455 0.000

L2.Temp. prom aire 0.018736 0.000000 1348757.712 0.000

L3.Conduct 0.093820 0.000000 59732293.364 0.000

L3.Water 0.014328 NAN NAN NAN

L3.Temp -0.006352 0.000000 -550426.741 0.000

L3.Precip. horaria -0.002051 NAN NAN NAN

L3.Temp. prom aire -0.014838 NAN NAN NAN

L4.Conduct 0.008956 0.000000 6566119.292 0.000

L4.Water 0.012887 0.000000 4324737.168 0.000

L4.Temp 0.005702 NAN NAN NAN

L4.Precip. horaria 0.002055 NAN NAN NAN

L4.Temp. prom aire 0.012033 NAN NAN NAN

L5.Conduct 0.015117 0.000000 2088967.824 0.000

L5.Water 0.007953 NAN NAN NAN

L5.Temp -0.000623 NAN NAN NAN

L5.Precip. horaria -0.000469 0.000001 -372.014 0.000

L5.Temp. prom aire -0.008987 NAN NAN NAN

L6.Conduct -0.051751 NAN NAN NAN

L6.Water -0.006041 0.000000 -2106988.361 0.000

L6.Temp 0.005866 0.000000 2081226.192 0.000

L6.Precip. horaria 0.000524 0.000001 650.337 0.000

L6.Temp. prom aire 0.013622 0.000000 1441704.365 0.000

L7.Conduct 0.030253 0.000000 5978109.672 0.000

L7.Water 0.007733 0.000000 3208133.044 0.000

L7.Temp 0.008528 0.000000 2625606.759 0.000

L7.Precip. horaria -0.001003 NAN NAN NAN

L7.Temp. prom aire 0.002569 0.000000 32874983.649 0.000

L8.Conduct 0.013764 0.000000 2295268.902 0.000

L8.Water 0.008339 NAN NAN NAN

L8.Temp -0.008796 0.000000 -1495770.071 0.000

L8.Precip. horaria 0.000374 0.000001 250.077 0.000

L8.Temp. prom aire -0.001075 NAN NAN NAN

L9.Conduct 0.013041 0.000000 4949095.256 0.000

L9.Water -0.001484 0.000000 -273918.887 0.000

L9.Temp 0.007888 NAN NAN NAN

L9.Precip. horaria 0.001128 0.000001 2084.872 0.000

L9.Temp. prom aire -0.001852 0.000000 -183623.246 0.000

L10.Conduct -0.021088 0.000000 -6721519.470 0.000

L10.Water -0.006287 0.000000 -549660.918 0.000

L10.Temp 0.001472 NAN NAN NAN

L10.Precip. horaria -0.000923 0.000001 -792.963 0.000

L10.Temp. prom aire 0.001678 NAN NAN NAN

L11.Conduct 0.033521 0.000000 31477220.267 0.000

L11.Water 0.011072 0.000000 3675280.676 0.000

L11.Temp 0.010174 0.000000 6690829.189 0.000

L11.Precip. horaria -0.000168 0.000001 -112.728 0.000

L11.Temp. prom aire 0.006046 NAN NAN NAN

L12.Conduct 0.024454 0.000000 7123023.140 0.000

L12.Water 0.006509 0.000000 393504.995 0.000

L12.Temp 0.009056 0.000000 2986878.845 0.000

L12.Precip. horaria 0.000011 0.000001 16.017 0.000

L12.Temp. prom aire 0.012178 0.000000 3594118.657 0.000

L13.Conduct 0.041378 NAN NAN NAN

L13.Water 0.012029 0.000000 765646.947 0.000

L13.Temp -0.004757 0.000000 -1278721.775 0.000

L13.Precip. horaria 0.000156 0.000001 303.929 0.000

L13.Temp. prom aire -0.001482 NAN NAN NAN

L14.Conduct 0.014247 NAN NAN NAN

L14.Water -0.005538 0.000000 -759558.978 0.000

L14.Temp 0.014911 0.000000 7334067.522 0.000

L14.Precip. horaria -0.000167 0.000005 -35.513 0.000

L14.Temp. prom aire -0.010227 NAN NAN NAN

L15.Conduct 0.027627 0.000000 6249640.925 0.000

L15.Water 0.007558 0.000000 1386615.371 0.000

L15.Temp -0.005797 NAN NAN NAN

L15.Precip. horaria 0.000256 NAN NAN NAN

L15.Temp. prom aire 0.039731 0.000000 8137015.176 0.000

L16.Conduct 0.029612 NAN NAN NAN

L16.Water 0.009601 0.000000 692207.424 0.000

L16.Temp -0.000268 NAN NAN NAN

L16.Precip. horaria -0.000172 0.000002 -70.872 0.000

L16.Temp. prom aire -0.042012 0.000000 -11068286.832 0.000

L17.Conduct -0.069762 NAN NAN NAN

L17.Water -0.012511 NAN NAN NAN

L17.Temp 0.019533 NAN NAN NAN

L17.Precip. horaria 0.000783 0.000002 519.287 0.000

L17.Temp. prom aire 0.040353 0.000000 3843368.107 0.000

L18.Conduct -0.007157 NAN NAN NAN

L18.Water -0.001808 NAN NAN NAN

L18.Temp 0.005468 0.000000 732629.875 0.000

L18.Precip. horaria -0.000908 NAN NAN NAN

L18.Temp. prom aire -0.019828 0.000000 -4011525.599 0.000

L19.Conduct 0.016828 NAN NAN NAN

L19.Water 0.004354 NAN NAN NAN

L19.Temp 0.007744 0.000000 4794462.432 0.000

L19.Precip. horaria 0.000095 0.000003 35.466 0.000

L19.Temp. prom aire 0.023019 NAN NAN NAN

L20.Conduct 0.012138 NAN NAN NAN

L20.Water 0.004973 NAN NAN NAN

L20.Temp 0.012775 NAN NAN NAN

L20.Precip. horaria 0.000111 NAN NAN NAN

L20.Temp. prom aire -0.006892 NAN NAN NAN

L21.Conduct -0.017030 NAN NAN NAN

L21.Water -0.001690 0.000000 -148610.010 0.000

L21.Temp 0.003148 NAN NAN NAN

L21.Precip. horaria 0.000181 NAN NAN NAN

L21.Temp. prom aire 0.008712 NAN NAN NAN

L22.Conduct -0.016289 0.000000 -1073674.863 0.000

L22.Water -0.001530 0.000000 -171475.416 0.000

L22.Temp 0.015203 NAN NAN NAN

L22.Precip. horaria -0.000045 0.000002 -19.430 0.000

L22.Temp. prom aire 0.002555 NAN NAN NAN

L23.Conduct -0.008839 NAN NAN NAN

L23.Water -0.000254 0.000000 -43540.722 0.000

L23.Temp -0.001434 0.000000 -519725.933 0.000

L23.Precip. horaria -0.000119 NAN NAN NAN

L23.Temp. prom aire -0.002279 0.000000 -1237736.670 0.000

L24.Conduct 0.001864 NAN NAN NAN

L24.Water 0.003152 0.000000 235537.783 0.000

L24.Temp 0.031648 NAN NAN NAN

L24.Precip. horaria -0.000013 NAN NAN NAN

L24.Temp. prom aire 0.018453 NAN NAN NAN

L25.Conduct 0.001204 NAN NAN NAN

L25.Water 0.001498 NAN NAN NAN

L25.Temp -0.008253 0.000000 -1167903.753 0.000

L25.Precip. horaria 0.000009 NAN NAN NAN

L25.Temp. prom aire 0.004133 0.000000 472638.701 0.000

L26.Conduct -0.004872 NAN NAN NAN

L26.Water 0.001080 0.000000 146245.119 0.000

L26.Temp 0.013465 NAN NAN NAN

L26.Precip. horaria -0.000000 0.000155 -0.001 0.999

L26.Temp. prom aire 0.002070 0.000000 492815.135 0.000

L27.Conduct 0.006929 NAN NAN NAN

L27.Water 0.003121 0.000000 522188.345 0.000

L27.Temp 0.020729 NAN NAN NAN

L27.Precip. horaria 0.000001 NAN NAN NAN

L27.Temp. prom aire 0.011319 NAN NAN NAN

L28.Conduct -0.000451 NAN NAN NAN

L28.Water 0.001982 0.000000 144373.368 0.000

L28.Temp 0.001575 NAN NAN NAN

L28.Precip. horaria -0.000005 0.000200 -0.026 0.979

L28.Temp. prom aire 0.008101 0.000000 2951283.583 0.000

L29.Conduct 0.006075 NAN NAN NAN

L29.Water 0.003226 NAN NAN NAN

L29.Temp 0.013432 0.000000 6550233.097 0.000

L29.Precip. horaria -0.000001 0.000217 -0.003 0.998

L29.Temp. prom aire -0.009801 0.000000 -1348455.307 0.000

L30.Conduct -0.001541 0.000000 -479639.825 0.000

L30.Water 0.000645 0.000000 34416.318 0.000

L30.Temp 0.005801 NAN NAN NAN

L30.Precip. horaria 0.000000 NAN NAN NAN

L30.Temp. prom aire 0.015897 NAN NAN NAN

L31.Conduct 0.005501 0.000000 390155.028 0.000

L31.Water 0.005133 NAN NAN NAN

L31.Temp -0.003409 0.000000 -2321606.360 0.000

L31.Precip. horaria 0.000002 0.000438 0.006 0.995

L31.Temp. prom aire 0.000024 0.000000 1264.627 0.000

L32.Conduct 0.000965 NAN NAN NAN

L32.Water -0.004217 0.000000 -379002.450 0.000

L32.Temp 0.028532 0.000000 7249105.631 0.000

L32.Precip. horaria -0.000002 0.000037 -0.066 0.947

L32.Temp. prom aire 0.006216 0.000000 549498.004 0.000

L33.Conduct 0.004633 NAN NAN NAN

L33.Water 0.007239 NAN NAN NAN

L33.Temp -0.005252 0.000000 -1254588.979 0.000

L33.Precip. horaria -0.000001 0.000081 -0.015 0.988

L33.Temp. prom aire 0.005222 NAN NAN NAN

L34.Conduct -0.000923 NAN NAN NAN

L34.Water -0.002459 NAN NAN NAN

L34.Temp 0.018182 NAN NAN NAN

L34.Precip. horaria 0.000020 0.000039 0.502 0.616

L34.Temp. prom aire -0.000420 0.000000 -133774.891 0.000

L35.Conduct 0.003788 NAN NAN NAN

L35.Water 0.005377 NAN NAN NAN

L35.Temp 0.004349 0.000000 1099942.548 0.000

L35.Precip. horaria 0.000053 0.000025 2.110 0.035

L35.Temp. prom aire 0.011707 0.000000 1845111.602 0.000

L36.Conduct 0.004111 0.000000 895501.718 0.000

L36.Water 0.000321 NAN NAN NAN

L36.Temp 0.014301 NAN NAN NAN

L36.Precip. horaria -0.000216 NAN NAN NAN

L36.Temp. prom aire 0.008294 0.000000 2532322.165 0.000

L37.Conduct 0.009855 0.000000 1070362.988 0.000

L37.Water 0.006505 0.000000 973480.753 0.000

L37.Temp 0.005267 0.000000 347827.456 0.000

L37.Precip. horaria 0.000227 0.000034 6.684 0.000

L37.Temp. prom aire 0.007518 0.000000 758013.091 0.000

L38.Conduct 0.009440 0.000000 2664649.357 0.000

L38.Water 0.002333 0.000000 333732.151 0.000

L38.Temp -0.001318 NAN NAN NAN

L38.Precip. horaria -0.000065 0.000007 -9.169 0.000

L38.Temp. prom aire -0.003699 0.000000 -253380.449 0.000

L39.Conduct 0.002808 0.000000 2660067.486 0.000

L39.Water 0.001985 0.000000 486644.239 0.000

L39.Temp 0.010822 0.000000 1287173.014 0.000

L39.Precip. horaria 0.000016 NAN NAN NAN

L39.Temp. prom aire -0.000149 NAN NAN NAN

L40.Conduct 0.009954 NAN NAN NAN

L40.Water 0.002321 NAN NAN NAN

L40.Temp 0.010747 0.000000 1425554.632 0.000

L40.Precip. horaria 0.000069 NAN NAN NAN

L40.Temp. prom aire 0.020863 NAN NAN NAN

L41.Conduct 0.004892 0.000000 841941.426 0.000

L41.Water 0.003976 0.000000 495252.202 0.000

L41.Temp -0.002622 NAN NAN NAN

L41.Precip. horaria -0.000487 0.000001 -362.378 0.000

L41.Temp. prom aire -0.010452 NAN NAN NAN

L42.Conduct 0.016525 NAN NAN NAN

L42.Water 0.006049 NAN NAN NAN

L42.Temp 0.010617 0.000000 958284.096 0.000

L42.Precip. horaria 0.000678 0.000005 136.478 0.000

L42.Temp. prom aire 0.004219 NAN NAN NAN

L43.Conduct 0.006589 NAN NAN NAN

L43.Water -0.003100 NAN NAN NAN

L43.Temp 0.011756 0.000000 8059788.554 0.000

L43.Precip. horaria -0.000025 0.000001 -26.935 0.000

L43.Temp. prom aire 0.003382 0.000000 3507027.280 0.000

L44.Conduct 0.020146 0.000000 7978037.920 0.000

L44.Water 0.004299 0.000000 376011.795 0.000

L44.Temp -0.002966 0.000000 -1462569.603 0.000

L44.Precip. horaria -0.000425 0.000001 -404.456 0.000

L44.Temp. prom aire 0.014528 NAN NAN NAN

L45.Conduct -0.003630 0.000000 -2340858.836 0.000

L45.Water 0.006952 0.000000 423286.919 0.000

L45.Temp 0.012346 0.000000 661420.316 0.000

L45.Precip. horaria -0.000180 0.000001 -221.702 0.000

L45.Temp. prom aire -0.001947 0.000000 -77758.157 0.000

L46.Conduct -0.010767 NAN NAN NAN

L46.Water -0.000436 NAN NAN NAN

L46.Temp -0.022444 0.000000 -4142012.676 0.000

L46.Precip. horaria 0.000173 NAN NAN NAN

L46.Temp. prom aire -0.000004 NAN NAN NAN

L47.Conduct 0.051966 0.000000 26428092.363 0.000

L47.Water 0.023655 0.000000 22302966.376 0.000

L47.Temp 0.022452 NAN NAN NAN

L47.Precip. horaria 0.000476 NAN NAN NAN

L47.Temp. prom aire -0.009274 0.000000 -6169280.343 0.000

L48.Conduct -0.000271 NAN NAN NAN

L48.Water -0.006792 0.000000 -755242.691 0.000

L48.Temp -0.006621 0.000000 -801343.324 0.000

L48.Precip. horaria -0.000273 0.000002 -173.732 0.000

L48.Temp. prom aire 0.015326 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000240 NAN NAN NAN

L1.Conduct 0.017287 0.000000 52966926.189 0.000

L1.Water 0.008635 0.000000 6919291.262 0.000

L1.Temp -0.014179 NAN NAN NAN

L1.Precip. horaria -0.000814 0.000000 -2201.847 0.000

L1.Temp. prom aire -0.023071 NAN NAN NAN

L2.Conduct 0.020259 NAN NAN NAN

L2.Water 0.008967 0.000000 3712992.887 0.000

L2.Temp 0.012411 NAN NAN NAN

L2.Precip. horaria 0.000891 0.000000 6762.897 0.000

L2.Temp. prom aire 0.020105 0.000000 2948846.540 0.000

L3.Conduct -0.050162 0.000000 -65072546.670 0.000

L3.Water -0.014009 NAN NAN NAN

L3.Temp -0.000317 0.000000 -55978.494 0.000

L3.Precip. horaria 0.000222 NAN NAN NAN

L3.Temp. prom aire -0.012908 NAN NAN NAN

L4.Conduct -0.001251 0.000000 -1869451.305 0.000

L4.Water 0.005901 0.000000 4034751.054 0.000

L4.Temp 0.011033 NAN NAN NAN

L4.Precip. horaria 0.000038 NAN NAN NAN

L4.Temp. prom aire 0.017178 NAN NAN NAN

L5.Conduct -0.007943 0.000000 -2236335.744 0.000

L5.Water -0.000113 NAN NAN NAN

L5.Temp 0.003600 NAN NAN NAN

L5.Precip. horaria -0.000754 0.000001 -1218.419 0.000

L5.Temp. prom aire -0.016674 NAN NAN NAN

L6.Conduct -0.049707 NAN NAN NAN

L6.Water -0.002850 0.000000 -2025359.591 0.000

L6.Temp 0.021424 0.000000 15487154.809 0.000

L6.Precip. horaria 0.001307 0.000000 3306.746 0.000

L6.Temp. prom aire 0.033405 0.000000 7203891.148 0.000

L7.Conduct 0.047287 0.000000 19038845.673 0.000

L7.Water 0.009700 0.000000 8198925.583 0.000

L7.Temp 0.001193 0.000000 748391.280 0.000

L7.Precip. horaria -0.001875 NAN NAN NAN

L7.Temp. prom aire -0.018773 0.000000 -489518966.037 0.000

L8.Conduct 0.012155 0.000000 4129909.012 0.000

L8.Water 0.008167 NAN NAN NAN

L8.Temp 0.014582 0.000000 5052512.599 0.000

L8.Precip. horaria 0.001375 0.000001 1875.067 0.000

L8.Temp. prom aire 0.027097 NAN NAN NAN

L9.Conduct 0.026252 0.000000 20299480.714 0.000

L9.Water 0.007743 0.000000 2911223.766 0.000

L9.Temp -0.002301 NAN NAN NAN

L9.Precip. horaria -0.000960 0.000000 -3616.248 0.000

L9.Temp. prom aire -0.013892 0.000000 -2805788.752 0.000

L10.Conduct -0.014329 0.000000 -9305908.017 0.000

L10.Water 0.002035 0.000000 362510.361 0.000

L10.Temp 0.009232 NAN NAN NAN

L10.Precip. horaria 0.001178 0.000001 2060.296 0.000

L10.Temp. prom aire 0.016596 NAN NAN NAN

L11.Conduct -0.017659 0.000000 -33787868.790 0.000

L11.Water -0.000728 0.000000 -492530.101 0.000

L11.Temp 0.001851 0.000000 2480098.966 0.000

L11.Precip. horaria -0.000856 0.000001 -1171.416 0.000

L11.Temp. prom aire -0.013152 NAN NAN NAN

L12.Conduct -0.007124 0.000000 -4227784.536 0.000

L12.Water 0.001264 0.000000 155692.691 0.000

L12.Temp 0.014450 0.000000 9710805.459 0.000

L12.Precip. horaria 0.001003 0.000000 2856.765 0.000

L12.Temp. prom aire 0.021316 0.000000 12818404.065 0.000

L13.Conduct 0.001687 NAN NAN NAN

L13.Water 0.003174 0.000000 411624.926 0.000

L13.Temp -0.004181 0.000000 -2290132.238 0.000

L13.Precip. horaria -0.001283 0.000000 -5109.572 0.000

L13.Temp. prom aire -0.009069 NAN NAN NAN

L14.Conduct 0.013967 NAN NAN NAN

L14.Water 0.008303 0.000000 2320230.810 0.000

L14.Temp 0.016627 0.000000 16663590.124 0.000

L14.Precip. horaria 0.001003 0.000002 434.369 0.000

L14.Temp. prom aire 0.017297 NAN NAN NAN

L15.Conduct 0.011807 0.000000 5442151.077 0.000

L15.Water 0.000710 0.000000 265312.297 0.000

L15.Temp 0.000294 NAN NAN NAN

L15.Precip. horaria -0.000541 NAN NAN NAN

L15.Temp. prom aire -0.007797 0.000000 -3253565.403 0.000

L16.Conduct 0.022523 NAN NAN NAN

L16.Water 0.010256 0.000000 1506603.675 0.000

L16.Temp 0.008364 NAN NAN NAN

L16.Precip. horaria 0.000314 0.000001 262.558 0.000

L16.Temp. prom aire 0.004226 0.000000 2268327.646 0.000

L17.Conduct 0.013905 NAN NAN NAN

L17.Water -0.001047 NAN NAN NAN

L17.Temp -0.001537 NAN NAN NAN

L17.Precip. horaria -0.000264 0.000001 -356.127 0.000

L17.Temp. prom aire 0.006448 0.000000 1251358.508 0.000

L18.Conduct 0.010519 NAN NAN NAN

L18.Water 0.008710 NAN NAN NAN

L18.Temp 0.012376 0.000000 3378584.326 0.000

L18.Precip. horaria 0.000400 NAN NAN NAN

L18.Temp. prom aire -0.010550 0.000000 -4348985.009 0.000

L19.Conduct 0.028058 NAN NAN NAN

L19.Water 0.005066 NAN NAN NAN

L19.Temp -0.003750 0.000000 -4730275.299 0.000

L19.Precip. horaria -0.000472 0.000001 -359.078 0.000

L19.Temp. prom aire 0.026928 NAN NAN NAN

L20.Conduct -0.021161 NAN NAN NAN

L20.Water -0.003538 NAN NAN NAN

L20.Temp 0.007381 NAN NAN NAN

L20.Precip. horaria 0.000594 NAN NAN NAN

L20.Temp. prom aire -0.010035 NAN NAN NAN

L21.Conduct 0.038217 NAN NAN NAN

L21.Water 0.009560 0.000000 1713229.792 0.000

L21.Temp 0.006588 NAN NAN NAN

L21.Precip. horaria -0.000664 NAN NAN NAN

L21.Temp. prom aire 0.012889 NAN NAN NAN

L22.Conduct 0.004522 0.000000 607293.750 0.000

L22.Water 0.002586 0.000000 590486.590 0.000

L22.Temp 0.012037 NAN NAN NAN

L22.Precip. horaria 0.000522 0.000001 459.931 0.000

L22.Temp. prom aire -0.002433 NAN NAN NAN

L23.Conduct -0.000798 NAN NAN NAN

L23.Water 0.000597 0.000000 208797.665 0.000

L23.Temp -0.000856 0.000000 -632070.391 0.000

L23.Precip. horaria -0.000120 NAN NAN NAN

L23.Temp. prom aire 0.009989 0.000000 11052651.348 0.000

L24.Conduct 0.008081 NAN NAN NAN

L24.Water 0.002683 0.000000 408525.707 0.000

L24.Temp 0.009739 NAN NAN NAN

L24.Precip. horaria -0.000023 NAN NAN NAN

L24.Temp. prom aire -0.005014 NAN NAN NAN

L25.Conduct 0.008598 NAN NAN NAN

L25.Water 0.002287 NAN NAN NAN

L25.Temp 0.002162 0.000000 623476.830 0.000

L25.Precip. horaria 0.000016 NAN NAN NAN

L25.Temp. prom aire 0.010645 0.000000 2480032.376 0.000

L26.Conduct 0.010741 NAN NAN NAN

L26.Water 0.003363 0.000000 927607.830 0.000

L26.Temp 0.007455 NAN NAN NAN

L26.Precip. horaria -0.000009 0.000076 -0.121 0.904

L26.Temp. prom aire 0.003345 0.000000 1622498.769 0.000

L27.Conduct 0.004630 NAN NAN NAN

L27.Water 0.001324 0.000000 451520.561 0.000

L27.Temp -0.012419 NAN NAN NAN

L27.Precip. horaria 0.000012 NAN NAN NAN

L27.Temp. prom aire -0.008855 NAN NAN NAN

L28.Conduct 0.003191 NAN NAN NAN

L28.Water 0.002660 0.000000 394660.091 0.000

L28.Temp 0.027067 NAN NAN NAN

L28.Precip. horaria -0.000007 0.000098 -0.071 0.943

L28.Temp. prom aire 0.008042 0.000000 5969152.929 0.000

L29.Conduct 0.008339 NAN NAN NAN

L29.Water 0.002620 NAN NAN NAN

L29.Temp -0.008609 0.000000 -8554172.216 0.000

L29.Precip. horaria 0.000004 0.000106 0.042 0.967

L29.Temp. prom aire 0.010861 0.000000 3044604.007 0.000

L30.Conduct 0.001332 0.000000 845170.463 0.000

L30.Water 0.000846 0.000000 92009.352 0.000

L30.Temp 0.014264 NAN NAN NAN

L30.Precip. horaria -0.000009 NAN NAN NAN

L30.Temp. prom aire -0.011870 NAN NAN NAN

L31.Conduct 0.012879 0.000000 1861140.407 0.000

L31.Water 0.005949 NAN NAN NAN

L31.Temp 0.004493 0.000000 6234610.760 0.000

L31.Precip. horaria 0.000006 0.000215 0.028 0.978

L31.Temp. prom aire 0.025335 0.000000 2761115.476 0.000

L32.Conduct 0.004131 NAN NAN NAN

L32.Water 0.004409 0.000000 807461.507 0.000

L32.Temp -0.000136 0.000000 -70347.264 0.000

L32.Precip. horaria -0.000001 0.000018 -0.074 0.941

L32.Temp. prom aire -0.016422 0.000000 -2957962.375 0.000

L33.Conduct 0.008798 NAN NAN NAN

L33.Water 0.007114 NAN NAN NAN

L33.Temp -0.002003 0.000000 -974729.908 0.000

L33.Precip. horaria 0.000008 0.000040 0.200 0.842

L33.Temp. prom aire 0.018930 NAN NAN NAN

L34.Conduct 0.000760 NAN NAN NAN

L34.Water 0.002444 NAN NAN NAN

L34.Temp 0.006776 NAN NAN NAN

L34.Precip. horaria -0.000059 0.000019 -3.048 0.002

L34.Temp. prom aire -0.010108 0.000000 -6560699.194 0.000

L35.Conduct 0.002976 NAN NAN NAN

L35.Water 0.008001 NAN NAN NAN

L35.Temp -0.007165 0.000000 -3692566.583 0.000

L35.Precip. horaria 0.000088 0.000012 7.126 0.000

L35.Temp. prom aire 0.002367 0.000000 760245.592 0.000

L36.Conduct 0.001656 0.000000 734819.931 0.000

L36.Water -0.002430 NAN NAN NAN

L36.Temp 0.023784 NAN NAN NAN

L36.Precip. horaria -0.000004 NAN NAN NAN

L36.Temp. prom aire 0.001227 0.000000 763341.835 0.000

L37.Conduct 0.001839 0.000000 407047.803 0.000

L37.Water 0.005969 0.000000 1820108.421 0.000

L37.Temp -0.006991 0.000000 -940784.873 0.000

L37.Precip. horaria -0.000009 0.000017 -0.566 0.572

L37.Temp. prom aire 0.006269 0.000000 1287933.964 0.000

L38.Conduct 0.004161 0.000000 2393515.394 0.000

L38.Water 0.002583 0.000000 752928.277 0.000

L38.Temp 0.020872 NAN NAN NAN

L38.Precip. horaria -0.000056 0.000003 -16.203 0.000

L38.Temp. prom aire 0.010143 0.000000 1415498.905 0.000

L39.Conduct 0.004788 0.000000 9243665.351 0.000

L39.Water 0.008825 0.000000 4408719.182 0.000

L39.Temp -0.010788 0.000000 -2614637.026 0.000

L39.Precip. horaria 0.000027 NAN NAN NAN

L39.Temp. prom aire -0.001203 NAN NAN NAN

L40.Conduct 0.003129 NAN NAN NAN

L40.Water 0.004306 NAN NAN NAN

L40.Temp 0.014104 0.000000 3811863.965 0.000

L40.Precip. horaria 0.000062 NAN NAN NAN

L40.Temp. prom aire 0.006116 NAN NAN NAN

L41.Conduct 0.002027 0.000000 711032.095 0.000

L41.Water 0.003946 0.000000 1001509.319 0.000

L41.Temp -0.003882 NAN NAN NAN

L41.Precip. horaria 0.000142 0.000001 215.574 0.000

L41.Temp. prom aire -0.002819 NAN NAN NAN

L42.Conduct 0.001751 NAN NAN NAN

L42.Water 0.001786 NAN NAN NAN

L42.Temp 0.015515 0.000000 2853293.915 0.000

L42.Precip. horaria -0.000247 0.000002 -101.224 0.000

L42.Temp. prom aire 0.007378 NAN NAN NAN

L43.Conduct 0.002519 NAN NAN NAN

L43.Water 0.006971 NAN NAN NAN

L43.Temp 0.001963 0.000000 2742709.967 0.000

L43.Precip. horaria -0.000061 0.000000 -131.846 0.000

L43.Temp. prom aire 0.002539 0.000000 5364209.078 0.000

L44.Conduct 0.005455 0.000000 4401524.066 0.000

L44.Water 0.002721 0.000000 484912.581 0.000

L44.Temp 0.000608 0.000000 611058.004 0.000

L44.Precip. horaria 0.000505 0.000001 978.834 0.000

L44.Temp. prom aire 0.000035 NAN NAN NAN

L45.Conduct 0.031092 0.000000 40852705.630 0.000

L45.Water 0.012733 0.000000 1579571.559 0.000

L45.Temp 0.013965 0.000000 1524470.078 0.000

L45.Precip. horaria -0.000117 0.000000 -292.357 0.000

L45.Temp. prom aire 0.004682 0.000000 381034.298 0.000

L46.Conduct 0.012876 NAN NAN NAN

L46.Water 0.000189 NAN NAN NAN

L46.Temp 0.001155 0.000000 434434.561 0.000

L46.Precip. horaria 0.000230 NAN NAN NAN

L46.Temp. prom aire 0.006797 NAN NAN NAN

L47.Conduct -0.008690 0.000000 -9004448.566 0.000

L47.Water -0.005002 0.000000 -9609906.082 0.000

L47.Temp 0.005352 NAN NAN NAN

L47.Precip. horaria 0.000015 NAN NAN NAN

L47.Temp. prom aire -0.004308 0.000000 -5839362.871 0.000

L48.Conduct -0.003764 NAN NAN NAN

L48.Water -0.000199 0.000000 -45156.372 0.000

L48.Temp 0.012050 0.000000 2971615.825 0.000

L48.Precip. horaria -0.000551 0.000001 -714.781 0.000

L48.Temp. prom aire 0.015402 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000002 NAN NAN NAN

L1.Conduct -0.001601 0.000000 -49369255.929 0.000

L1.Water -0.001137 0.000000 -9166339.990 0.000

L1.Temp -0.001457 NAN NAN NAN

L1.Precip. horaria -0.000179 0.000000 -4869.830 0.000

L1.Temp. prom aire -0.002164 NAN NAN NAN

L2.Conduct 0.001283 NAN NAN NAN

L2.Water 0.001006 0.000000 4190895.189 0.000

L2.Temp 0.000878 NAN NAN NAN

L2.Precip. horaria 0.000075 0.000000 5765.501 0.000

L2.Temp. prom aire 0.001263 0.000000 1864451.920 0.000

L3.Conduct -0.000451 0.000000 -5890456.856 0.000

L3.Water -0.000904 NAN NAN NAN

L3.Temp -0.000110 0.000000 -195407.282 0.000

L3.Precip. horaria -0.000118 NAN NAN NAN

L3.Temp. prom aire 0.000181 NAN NAN NAN

L4.Conduct 0.002239 0.000000 33658096.839 0.000

L4.Water 0.001117 0.000000 7683971.500 0.000

L4.Temp -0.000119 NAN NAN NAN

L4.Precip. horaria 0.000067 NAN NAN NAN

L4.Temp. prom aire 0.000014 NAN NAN NAN

L5.Conduct -0.000559 0.000000 -1582887.906 0.000

L5.Water -0.001489 NAN NAN NAN

L5.Temp -0.000007 NAN NAN NAN

L5.Precip. horaria -0.000089 0.000000 -1440.658 0.000

L5.Temp. prom aire -0.000913 NAN NAN NAN

L6.Conduct -0.002175 NAN NAN NAN

L6.Water -0.000103 0.000000 -738425.441 0.000

L6.Temp 0.000622 0.000000 4522596.855 0.000

L6.Precip. horaria 0.000060 0.000000 1515.802 0.000

L6.Temp. prom aire 0.001223 0.000000 2654379.257 0.000

L7.Conduct 0.007216 0.000000 29231738.772 0.000

L7.Water 0.002144 0.000000 18235886.511 0.000

L7.Temp -0.000444 0.000000 -2799820.056 0.000

L7.Precip. horaria -0.000126 NAN NAN NAN

L7.Temp. prom aire -0.001316 0.000000 -345283487.491 0.000

L8.Conduct -0.005954 0.000000 -20356525.854 0.000

L8.Water -0.000320 NAN NAN NAN

L8.Temp -0.000012 0.000000 -41057.229 0.000

L8.Precip. horaria 0.000166 0.000000 2277.366 0.000

L8.Temp. prom aire 0.001286 NAN NAN NAN

L9.Conduct -0.000252 0.000000 -1958226.381 0.000

L9.Water -0.000859 0.000000 -3248968.526 0.000

L9.Temp 0.000321 NAN NAN NAN

L9.Precip. horaria 0.000021 0.000000 811.409 0.000

L9.Temp. prom aire 0.000143 0.000000 291246.519 0.000

L10.Conduct -0.000474 0.000000 -3097890.797 0.000

L10.Water -0.000395 0.000000 -708492.249 0.000

L10.Temp -0.001366 NAN NAN NAN

L10.Precip. horaria -0.000092 0.000000 -1623.868 0.000

L10.Temp. prom aire -0.001509 NAN NAN NAN

L11.Conduct 0.003086 0.000000 59417813.553 0.000

L11.Water 0.000525 0.000000 3569829.273 0.000

L11.Temp 0.000938 0.000000 12649605.894 0.000

L11.Precip. horaria 0.000074 0.000000 1020.879 0.000

L11.Temp. prom aire 0.000539 NAN NAN NAN

L12.Conduct -0.002482 0.000000 -14824199.982 0.000

L12.Water -0.000426 0.000000 -527628.142 0.000

L12.Temp -0.000297 0.000000 -2008903.415 0.000

L12.Precip. horaria -0.000025 0.000000 -720.302 0.000

L12.Temp. prom aire -0.000115 0.000000 -694010.695 0.000

L13.Conduct 0.000693 NAN NAN NAN

L13.Water 0.000612 0.000000 798163.008 0.000

L13.Temp 0.000447 0.000000 2464635.811 0.000

L13.Precip. horaria -0.000025 0.000000 -1014.140 0.000

L13.Temp. prom aire 0.000530 NAN NAN NAN

L14.Conduct -0.000468 NAN NAN NAN

L14.Water -0.000925 0.000000 -2600259.709 0.000

L14.Temp 0.001105 0.000000 11138744.201 0.000

L14.Precip. horaria -0.000047 0.000000 -206.139 0.000

L14.Temp. prom aire 0.000459 NAN NAN NAN

L15.Conduct 0.006421 0.000000 29780568.621 0.000

L15.Water 0.001822 0.000000 6853960.737 0.000

L15.Temp -0.001014 NAN NAN NAN

L15.Precip. horaria 0.000018 NAN NAN NAN

L15.Temp. prom aire 0.000433 0.000000 1819991.425 0.000

L16.Conduct 0.003282 NAN NAN NAN

L16.Water 0.000539 0.000000 797172.332 0.000

L16.Temp -0.000581 NAN NAN NAN

L16.Precip. horaria 0.000004 0.000000 30.902 0.000

L16.Temp. prom aire -0.002418 0.000000 -13061289.051 0.000

L17.Conduct -0.007668 NAN NAN NAN

L17.Water -0.001464 NAN NAN NAN

L17.Temp 0.000220 NAN NAN NAN

L17.Precip. horaria 0.000110 0.000000 1495.552 0.000

L17.Temp. prom aire 0.002655 0.000000 5184463.721 0.000

L18.Conduct -0.000440 NAN NAN NAN

L18.Water -0.000035 NAN NAN NAN

L18.Temp 0.000219 0.000000 600332.250 0.000

L18.Precip. horaria -0.000101 NAN NAN NAN

L18.Temp. prom aire -0.002505 0.000000 -10390611.258 0.000

L19.Conduct -0.002402 NAN NAN NAN

L19.Water -0.000420 NAN NAN NAN

L19.Temp -0.000181 0.000000 -2297587.126 0.000

L19.Precip. horaria 0.000052 0.000000 397.937 0.000

L19.Temp. prom aire 0.003376 NAN NAN NAN

L20.Conduct -0.000129 NAN NAN NAN

L20.Water -0.000035 NAN NAN NAN

L20.Temp 0.000567 NAN NAN NAN

L20.Precip. horaria -0.000043 NAN NAN NAN

L20.Temp. prom aire -0.003456 NAN NAN NAN

L21.Conduct 0.000654 NAN NAN NAN

L21.Water 0.000157 0.000000 282466.770 0.000

L21.Temp 0.000478 NAN NAN NAN

L21.Precip. horaria 0.000007 NAN NAN NAN

L21.Temp. prom aire 0.002346 NAN NAN NAN

L22.Conduct 0.001714 0.000000 2315677.739 0.000

L22.Water 0.000355 0.000000 815248.133 0.000

L22.Temp 0.000138 NAN NAN NAN

L22.Precip. horaria -0.000008 0.000000 -69.091 0.000

L22.Temp. prom aire -0.000668 NAN NAN NAN

L23.Conduct 0.000346 NAN NAN NAN

L23.Water 0.000058 0.000000 205409.282 0.000

L23.Temp -0.000752 0.000000 -5589058.267 0.000

L23.Precip. horaria 0.000012 NAN NAN NAN

L23.Temp. prom aire 0.000252 0.000000 2810340.001 0.000

L24.Conduct 0.000338 NAN NAN NAN

L24.Water 0.000094 0.000000 143956.417 0.000

L24.Temp 0.000841 NAN NAN NAN

L24.Precip. horaria -0.000002 NAN NAN NAN

L24.Temp. prom aire -0.000853 NAN NAN NAN

L25.Conduct -0.000183 NAN NAN NAN

L25.Water -0.000049 NAN NAN NAN

L25.Temp -0.000884 0.000000 -2564596.279 0.000

L25.Precip. horaria 0.000002 NAN NAN NAN

L25.Temp. prom aire 0.000390 0.000000 913808.131 0.000

L26.Conduct -0.000168 NAN NAN NAN

L26.Water 0.000016 0.000000 44762.392 0.000

L26.Temp 0.000346 NAN NAN NAN

L26.Precip. horaria -0.000001 0.000008 -0.169 0.866

L26.Temp. prom aire 0.000259 0.000000 1266018.940 0.000

L27.Conduct -0.000223 NAN NAN NAN

L27.Water -0.000022 0.000000 -74833.893 0.000

L27.Temp -0.000131 NAN NAN NAN

L27.Precip. horaria 0.000000 NAN NAN NAN

L27.Temp. prom aire -0.000042 NAN NAN NAN

L28.Conduct -0.000127 NAN NAN NAN

L28.Water 0.000015 0.000000 22252.890 0.000

L28.Temp 0.000904 NAN NAN NAN

L28.Precip. horaria -0.000000 0.000010 -0.009 0.993

L28.Temp. prom aire 0.001675 0.000000 12513243.739 0.000

L29.Conduct 0.000171 NAN NAN NAN

L29.Water 0.000048 NAN NAN NAN

L29.Temp -0.000653 0.000000 -6532363.615 0.000

L29.Precip. horaria 0.000000 0.000011 0.029 0.977

L29.Temp. prom aire -0.002500 0.000000 -7052621.510 0.000

L30.Conduct -0.000350 0.000000 -2236311.164 0.000

L30.Water -0.000082 0.000000 -90297.802 0.000

L30.Temp 0.000850 NAN NAN NAN

L30.Precip. horaria -0.000001 NAN NAN NAN

L30.Temp. prom aire 0.001341 NAN NAN NAN

L31.Conduct 0.000763 0.000000 1108775.372 0.000

L31.Water 0.000344 NAN NAN NAN

L31.Temp -0.000039 0.000000 -538227.564 0.000

L31.Precip. horaria -0.000000 0.000021 -0.011 0.991

L31.Temp. prom aire -0.000127 0.000000 -139157.572 0.000

L32.Conduct -0.000283 NAN NAN NAN

L32.Water -0.000173 0.000000 -319087.747 0.000

L32.Temp -0.000662 0.000000 -3449729.954 0.000

L32.Precip. horaria 0.000000 0.000002 0.021 0.983

L32.Temp. prom aire 0.000049 0.000000 88414.262 0.000

L33.Conduct 0.000256 NAN NAN NAN

L33.Water 0.000217 NAN NAN NAN

L33.Temp -0.000546 0.000000 -2673216.017 0.000

L33.Precip. horaria 0.000000 0.000004 0.064 0.949

L33.Temp. prom aire -0.000387 NAN NAN NAN

L34.Conduct -0.000568 NAN NAN NAN

L34.Water -0.000411 NAN NAN NAN

L34.Temp 0.000803 NAN NAN NAN

L34.Precip. horaria -0.000001 0.000002 -0.300 0.764

L34.Temp. prom aire -0.000025 0.000000 -165154.954 0.000

L35.Conduct 0.000071 NAN NAN NAN

L35.Water 0.000305 NAN NAN NAN

L35.Temp -0.000088 0.000000 -456442.320 0.000

L35.Precip. horaria 0.000005 0.000001 3.891 0.000

L35.Temp. prom aire 0.000028 0.000000 91225.965 0.000

L36.Conduct -0.000387 0.000000 -1728989.227 0.000

L36.Water -0.000608 NAN NAN NAN

L36.Temp 0.001614 NAN NAN NAN

L36.Precip. horaria -0.000006 NAN NAN NAN

L36.Temp. prom aire 0.000312 0.000000 1954614.761 0.000

L37.Conduct 0.000226 0.000000 503410.783 0.000

L37.Water 0.000528 0.000000 1620950.169 0.000

L37.Temp -0.000781 0.000000 -1057459.311 0.000

L37.Precip. horaria 0.000004 0.000002 2.352 0.019

L37.Temp. prom aire 0.001094 0.000000 2262519.660 0.000

L38.Conduct 0.000263 0.000000 1520682.395 0.000

L38.Water -0.000184 0.000000 -538860.695 0.000

L38.Temp -0.000244 NAN NAN NAN

L38.Precip. horaria -0.000006 0.000000 -16.829 0.000

L38.Temp. prom aire -0.000803 0.000000 -1128174.051 0.000

L39.Conduct 0.000315 0.000000 6113181.552 0.000

L39.Water 0.000335 0.000000 1682930.252 0.000

L39.Temp 0.000586 0.000000 1430170.563 0.000

L39.Precip. horaria 0.000004 NAN NAN NAN

L39.Temp. prom aire 0.000203 NAN NAN NAN

L40.Conduct 0.000634 NAN NAN NAN

L40.Water 0.000089 NAN NAN NAN

L40.Temp -0.000436 0.000000 -1186905.026 0.000

L40.Precip. horaria 0.000003 NAN NAN NAN

L40.Temp. prom aire 0.000552 NAN NAN NAN

L41.Conduct -0.000577 0.000000 -2035583.209 0.000

L41.Water -0.000121 0.000000 -310247.342 0.000

L41.Temp -0.001017 NAN NAN NAN

L41.Precip. horaria 0.000000 0.000000 1.168 0.243

L41.Temp. prom aire -0.001744 NAN NAN NAN

L42.Conduct 0.000210 NAN NAN NAN

L42.Water -0.000103 NAN NAN NAN

L42.Temp 0.001077 0.000000 1992224.605 0.000

L42.Precip. horaria -0.000005 0.000000 -19.667 0.000

L42.Temp. prom aire 0.001041 NAN NAN NAN

L43.Conduct -0.000527 NAN NAN NAN

L43.Water -0.000190 NAN NAN NAN

L43.Temp 0.000052 0.000000 724817.917 0.000

L43.Precip. horaria -0.000009 0.000000 -187.563 0.000

L43.Temp. prom aire -0.000346 0.000000 -7350654.009 0.000

L44.Conduct 0.000975 0.000000 7912474.243 0.000

L44.Water 0.000110 0.000000 197536.464 0.000

L44.Temp 0.000086 0.000000 871972.546 0.000

L44.Precip. horaria 0.000029 0.000000 566.743 0.000

L44.Temp. prom aire 0.000510 NAN NAN NAN

L45.Conduct 0.000761 0.000000 10062729.338 0.000

L45.Water 0.000137 0.000000 171536.821 0.000

L45.Temp 0.001218 0.000000 1337856.037 0.000

L45.Precip. horaria -0.000022 0.000000 -551.675 0.000

L45.Temp. prom aire -0.000274 0.000000 -224088.053 0.000

L46.Conduct -0.000697 NAN NAN NAN

L46.Water -0.000230 NAN NAN NAN

L46.Temp -0.001897 0.000000 -7178861.902 0.000

L46.Precip. horaria 0.000018 NAN NAN NAN

L46.Temp. prom aire 0.000749 NAN NAN NAN

L47.Conduct -0.000640 0.000000 -6672450.897 0.000

L47.Water -0.000216 0.000000 -4167648.519 0.000

L47.Temp 0.001336 NAN NAN NAN

L47.Precip. horaria -0.000027 NAN NAN NAN

L47.Temp. prom aire -0.000343 0.000000 -4674866.735 0.000

L48.Conduct -0.000686 NAN NAN NAN

L48.Water 0.000461 0.000000 1051550.582 0.000

L48.Temp -0.001452 0.000000 -3603367.567 0.000

L48.Precip. horaria -0.000043 0.000000 -558.095 0.000

L48.Temp. prom aire 0.000519 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000181 NAN NAN NAN

L1.Conduct 0.053237 0.000000 143208183.829 0.000

L1.Water 0.010017 0.000000 7046614.248 0.000

L1.Temp -0.031669 NAN NAN NAN

L1.Precip. horaria -0.002363 0.000000 -5614.648 0.000

L1.Temp. prom aire -0.051639 NAN NAN NAN

L2.Conduct 0.033078 NAN NAN NAN

L2.Water 0.009552 0.000000 3472600.774 0.000

L2.Temp 0.015091 NAN NAN NAN

L2.Precip. horaria 0.002311 0.000000 15396.725 0.000

L2.Temp. prom aire 0.035793 0.000000 4609131.222 0.000

L3.Conduct -0.047939 0.000000 -54597880.913 0.000

L3.Water -0.019982 NAN NAN NAN

L3.Temp -0.011123 0.000000 -1724193.152 0.000

L3.Precip. horaria -0.001072 NAN NAN NAN

L3.Temp. prom aire -0.032907 NAN NAN NAN

L4.Conduct 0.009425 0.000000 12360636.370 0.000

L4.Water 0.018235 0.000000 10947237.584 0.000

L4.Temp 0.012991 NAN NAN NAN

L4.Precip. horaria 0.001583 NAN NAN NAN

L4.Temp. prom aire 0.030173 NAN NAN NAN

L5.Conduct -0.030205 0.000000 -7466382.978 0.000

L5.Water -0.009530 NAN NAN NAN

L5.Temp -0.003592 NAN NAN NAN

L5.Precip. horaria -0.002290 0.000001 -3250.990 0.000

L5.Temp. prom aire -0.031790 NAN NAN NAN

L6.Conduct -0.065507 NAN NAN NAN

L6.Water -0.005147 0.000000 -3211682.093 0.000

L6.Temp 0.027314 0.000000 17334771.885 0.000

L6.Precip. horaria 0.002590 0.000000 5750.272 0.000

L6.Temp. prom aire 0.054499 0.000000 10318298.829 0.000

L7.Conduct 0.084742 0.000000 29954693.597 0.000

L7.Water 0.013425 0.000000 9962773.100 0.000

L7.Temp -0.014343 0.000000 -7899914.661 0.000

L7.Precip. horaria -0.003406 NAN NAN NAN

L7.Temp. prom aire -0.046435 0.000000 -1063050841.740 0.000

L8.Conduct 0.002186 0.000000 652095.113 0.000

L8.Water 0.006221 NAN NAN NAN

L8.Temp 0.018650 0.000000 5673160.965 0.000

L8.Precip. horaria 0.003194 0.000001 3824.262 0.000

L8.Temp. prom aire 0.044137 NAN NAN NAN

L9.Conduct 0.017147 0.000000 11641148.300 0.000

L9.Water 0.001383 0.000000 456605.172 0.000

L9.Temp -0.010462 NAN NAN NAN

L9.Precip. horaria -0.002002 0.000000 -6621.899 0.000

L9.Temp. prom aire -0.033093 0.000000 -5867963.713 0.000

L10.Conduct -0.024491 0.000000 -13964065.643 0.000

L10.Water 0.004763 0.000000 744927.403 0.000

L10.Temp 0.013084 NAN NAN NAN

L10.Precip. horaria 0.001677 0.000001 2576.362 0.000

L10.Temp. prom aire 0.029340 NAN NAN NAN

L11.Conduct -0.015458 0.000000 -25966398.165 0.000

L11.Water -0.004870 0.000000 -2891985.452 0.000

L11.Temp 0.001271 0.000000 1495668.313 0.000

L11.Precip. horaria -0.001591 0.000001 -1912.259 0.000

L11.Temp. prom aire -0.020833 NAN NAN NAN

L12.Conduct 0.000128 0.000000 66740.439 0.000

L12.Water 0.005740 0.000000 620744.424 0.000

L12.Temp 0.014396 0.000000 8493642.739 0.000

L12.Precip. horaria 0.001460 0.000000 3650.677 0.000

L12.Temp. prom aire 0.027101 0.000000 14308098.708 0.000

L13.Conduct 0.036971 NAN NAN NAN

L13.Water 0.003975 0.000000 452551.737 0.000

L13.Temp -0.013155 0.000000 -6326148.752 0.000

L13.Precip. horaria -0.001501 0.000000 -5245.711 0.000

L13.Temp. prom aire -0.009396 NAN NAN NAN

L14.Conduct -0.012776 NAN NAN NAN

L14.Water 0.003920 0.000000 961835.835 0.000

L14.Temp 0.017614 0.000000 15497873.242 0.000

L14.Precip. horaria 0.001277 0.000003 485.370 0.000

L14.Temp. prom aire 0.008042 NAN NAN NAN

L15.Conduct 0.021966 0.000000 8889017.546 0.000

L15.Water 0.003688 0.000000 1210259.920 0.000

L15.Temp -0.002001 NAN NAN NAN

L15.Precip. horaria -0.000782 NAN NAN NAN

L15.Temp. prom aire 0.000120 0.000000 43795.898 0.000

L16.Conduct -0.012989 NAN NAN NAN

L16.Water 0.003283 0.000000 423445.465 0.000

L16.Temp 0.008233 NAN NAN NAN

L16.Precip. horaria 0.000718 0.000001 527.628 0.000

L16.Temp. prom aire -0.006971 0.000000 -3285514.137 0.000

L17.Conduct 0.009234 NAN NAN NAN

L17.Water -0.001647 NAN NAN NAN

L17.Temp -0.003312 NAN NAN NAN

L17.Precip. horaria -0.000659 0.000001 -782.289 0.000

L17.Temp. prom aire 0.014617 0.000000 2490365.924 0.000

L18.Conduct 0.004649 NAN NAN NAN

L18.Water 0.004462 NAN NAN NAN

L18.Temp 0.016144 0.000000 3869347.879 0.000

L18.Precip. horaria 0.000431 NAN NAN NAN

L18.Temp. prom aire -0.022536 0.000000 -8156076.492 0.000

L19.Conduct 0.037880 NAN NAN NAN

L19.Water 0.008872 NAN NAN NAN

L19.Temp -0.011948 0.000000 -13232511.089 0.000

L19.Precip. horaria -0.000409 0.000001 -273.358 0.000

L19.Temp. prom aire 0.044765 NAN NAN NAN

L20.Conduct -0.022483 NAN NAN NAN

L20.Water -0.003567 NAN NAN NAN

L20.Temp 0.007653 NAN NAN NAN

L20.Precip. horaria 0.000588 NAN NAN NAN

L20.Temp. prom aire -0.034293 NAN NAN NAN

L21.Conduct 0.004832 NAN NAN NAN

L21.Water 0.002298 0.000000 361571.002 0.000

L21.Temp 0.007722 NAN NAN NAN

L21.Precip. horaria -0.000432 NAN NAN NAN

L21.Temp. prom aire 0.025848 NAN NAN NAN

L22.Conduct 0.013191 0.000000 1555378.788 0.000

L22.Water 0.004633 0.000000 928685.548 0.000

L22.Temp 0.019822 NAN NAN NAN

L22.Precip. horaria 0.000106 0.000001 82.081 0.000

L22.Temp. prom aire -0.008501 NAN NAN NAN

L23.Conduct -0.000497 NAN NAN NAN

L23.Water 0.000160 0.000000 49170.242 0.000

L23.Temp -0.014594 0.000000 -9458844.133 0.000

L23.Precip. horaria 0.000070 NAN NAN NAN

L23.Temp. prom aire 0.014798 0.000000 14375487.795 0.000

L24.Conduct 0.003757 NAN NAN NAN

L24.Water 0.002209 0.000000 295230.207 0.000

L24.Temp 0.023168 NAN NAN NAN

L24.Precip. horaria -0.000036 NAN NAN NAN

L24.Temp. prom aire -0.010580 NAN NAN NAN

L25.Conduct 0.006883 NAN NAN NAN

L25.Water 0.000955 NAN NAN NAN

L25.Temp -0.006499 0.000000 -1645133.233 0.000

L25.Precip. horaria 0.000033 NAN NAN NAN

L25.Temp. prom aire 0.026744 0.000000 5470403.960 0.000

L26.Conduct 0.005631 NAN NAN NAN

L26.Water 0.002449 0.000000 593088.207 0.000

L26.Temp 0.012378 NAN NAN NAN

L26.Precip. horaria -0.000019 0.000087 -0.220 0.826

L26.Temp. prom aire -0.014637 0.000000 -6234139.172 0.000

L27.Conduct 0.002055 NAN NAN NAN

L27.Water -0.000141 0.000000 -42179.990 0.000

L27.Temp -0.014559 NAN NAN NAN

L27.Precip. horaria 0.000019 NAN NAN NAN

L27.Temp. prom aire 0.002267 NAN NAN NAN

L28.Conduct -0.002018 NAN NAN NAN

L28.Water 0.000664 0.000000 86553.491 0.000

L28.Temp 0.033844 NAN NAN NAN

L28.Precip. horaria -0.000016 0.000112 -0.143 0.886

L28.Temp. prom aire -0.001183 0.000000 -770812.053 0.000

L29.Conduct 0.008114 NAN NAN NAN

L29.Water 0.001181 NAN NAN NAN

L29.Temp -0.016555 0.000000 -14441584.370 0.000

L29.Precip. horaria 0.000010 0.000121 0.083 0.934

L29.Temp. prom aire 0.018232 0.000000 4487108.583 0.000

L30.Conduct -0.002314 0.000000 -1288961.459 0.000

L30.Water -0.004089 0.000000 -390612.290 0.000

L30.Temp 0.023171 NAN NAN NAN

L30.Precip. horaria -0.000020 NAN NAN NAN

L30.Temp. prom aire -0.017403 NAN NAN NAN

L31.Conduct 0.015233 0.000000 1932738.438 0.000

L31.Water 0.006737 NAN NAN NAN

L31.Temp -0.000699 0.000000 -851546.088 0.000

L31.Precip. horaria 0.000019 0.000245 0.078 0.938

L31.Temp. prom aire 0.030889 0.000000 2955519.033 0.000

L32.Conduct 0.001090 NAN NAN NAN

L32.Water -0.000163 0.000000 -26237.724 0.000

L32.Temp 0.005161 0.000000 2345500.932 0.000

L32.Precip. horaria -0.000009 0.000021 -0.450 0.653

L32.Temp. prom aire -0.019079 0.000000 -3017142.609 0.000

L33.Conduct 0.006712 NAN NAN NAN

L33.Water 0.007315 NAN NAN NAN

L33.Temp -0.010130 0.000000 -4328543.058 0.000

L33.Precip. horaria 0.000018 0.000045 0.388 0.698

L33.Temp. prom aire 0.012022 NAN NAN NAN

L34.Conduct -0.002751 NAN NAN NAN

L34.Water -0.001824 NAN NAN NAN

L34.Temp 0.020037 NAN NAN NAN

L34.Precip. horaria -0.000136 0.000022 -6.224 0.000

L34.Temp. prom aire 0.002058 0.000000 1172761.099 0.000

L35.Conduct 0.004740 NAN NAN NAN

L35.Water 0.008813 NAN NAN NAN

L35.Temp -0.023713 0.000000 -10729439.956 0.000

L35.Precip. horaria 0.000193 0.000014 13.732 0.000

L35.Temp. prom aire -0.006101 0.000000 -1720059.512 0.000

L36.Conduct -0.000110 0.000000 -42961.587 0.000

L36.Water -0.008456 NAN NAN NAN

L36.Temp 0.041748 NAN NAN NAN

L36.Precip. horaria -0.000086 NAN NAN NAN

L36.Temp. prom aire 0.003495 0.000000 1908836.672 0.000

L37.Conduct 0.004886 0.000000 949415.848 0.000

L37.Water 0.007909 0.000000 2117149.468 0.000

L37.Temp -0.020732 0.000000 -2449349.724 0.000

L37.Precip. horaria 0.000024 0.000019 1.256 0.209

L37.Temp. prom aire 0.009454 0.000000 1705159.309 0.000

L38.Conduct -0.000258 0.000000 -130152.934 0.000

L38.Water -0.001451 0.000000 -371399.658 0.000

L38.Temp 0.022702 NAN NAN NAN

L38.Precip. horaria -0.000109 0.000004 -27.626 0.000

L38.Temp. prom aire 0.005488 0.000000 672445.116 0.000

L39.Conduct 0.005213 0.000000 8835706.998 0.000

L39.Water 0.010797 0.000000 4735306.364 0.000

L39.Temp -0.013262 0.000000 -2821757.744 0.000

L39.Precip. horaria -0.000082 NAN NAN NAN

L39.Temp. prom aire -0.000314 NAN NAN NAN

L40.Conduct -0.000119 NAN NAN NAN

L40.Water 0.000395 NAN NAN NAN

L40.Temp 0.014123 0.000000 3351213.360 0.000

L40.Precip. horaria 0.000251 NAN NAN NAN

L40.Temp. prom aire 0.003970 NAN NAN NAN

L41.Conduct -0.001209 0.000000 -372203.607 0.000

L41.Water 0.001404 0.000000 312829.511 0.000

L41.Temp -0.004270 NAN NAN NAN

L41.Precip. horaria 0.000061 0.000001 81.474 0.000

L41.Temp. prom aire -0.004425 NAN NAN NAN

L42.Conduct 0.000153 NAN NAN NAN

L42.Water -0.002573 NAN NAN NAN

L42.Temp 0.018768 0.000000 3030329.740 0.000

L42.Precip. horaria -0.000421 0.000003 -151.641 0.000

L42.Temp. prom aire 0.010415 NAN NAN NAN

L43.Conduct -0.009478 NAN NAN NAN

L43.Water 0.009305 NAN NAN NAN

L43.Temp -0.002115 0.000000 -2593242.387 0.000

L43.Precip. horaria -0.000149 0.000001 -280.950 0.000

L43.Temp. prom aire 0.000753 0.000000 1397317.903 0.000

L44.Conduct 0.004007 0.000000 2838766.027 0.000

L44.Water 0.001398 0.000000 218738.947 0.000

L44.Temp -0.002958 0.000000 -2609553.299 0.000

L44.Precip. horaria 0.000657 0.000001 1119.405 0.000

L44.Temp. prom aire 0.005465 NAN NAN NAN

L45.Conduct 0.042643 0.000000 49190128.420 0.000

L45.Water 0.024307 0.000000 2647382.961 0.000

L45.Temp 0.008533 0.000000 817829.985 0.000

L45.Precip. horaria -0.000081 0.000000 -177.561 0.000

L45.Temp. prom aire -0.009471 0.000000 -676716.644 0.000

L46.Conduct 0.002272 NAN NAN NAN

L46.Water -0.007345 NAN NAN NAN

L46.Temp 0.000823 0.000000 271802.270 0.000

L46.Precip. horaria 0.000412 NAN NAN NAN

L46.Temp. prom aire 0.013428 NAN NAN NAN

L47.Conduct -0.015034 0.000000 -13677341.200 0.000

L47.Water -0.005655 0.000000 -9538338.765 0.000

L47.Temp 0.007930 NAN NAN NAN

L47.Precip. horaria 0.000047 NAN NAN NAN

L47.Temp. prom aire -0.012171 0.000000 -14482598.487 0.000

L48.Conduct -0.024198 NAN NAN NAN

L48.Water 0.004623 0.000000 919542.684 0.000

L48.Temp 0.007010 0.000000 1517635.605 0.000

L48.Precip. horaria -0.001073 0.000001 -1222.071 0.000

L48.Temp. prom aire 0.026205 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.180084 0.319115 -0.088744 0.444574

Water 0.180084 1.000000 0.178529 0.381056 0.385871

Temp 0.319115 0.178529 1.000000 -0.456928 0.559607

Precip. horaria -0.088744 0.381056 -0.456928 1.000000 0.009116

Temp. prom aire 0.444574 0.385871 0.559607 0.009116 1.000000

1. Sensor Oeste Bajo (A8404166C1843962):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -151.904

Nobs: 23.0000 HQIC: -196.433

Log likelihood: 3472.85 FPE: -1.26449e-137

AIC: -211.394 Det(Omega\_mle): -6.34651e-143

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000595 0.000002 354.615 0.000

L1.Conduct -0.308417 0.000000 -17720674.823 0.000

L1.Water 0.023174 0.000000 118877.823 0.000

L1.Temp -0.073508 NAN NAN NAN

L1.Precip. horaria -0.008116 0.000004 -1810.223 0.000

L1.Temp. prom aire -0.159331 NAN NAN NAN

L2.Conduct -0.073378 0.000000 -9769078.275 0.000

L2.Water 0.028385 0.000000 232066.630 0.000

L2.Temp 0.122857 0.000000 933900.772 0.000

L2.Precip. horaria 0.011435 0.000014 844.490 0.000

L2.Temp. prom aire 0.277268 0.000000 3697326.412 0.000

L3.Conduct 0.262452 0.000000 27544429.224 0.000

L3.Water 0.078506 0.000000 821631.228 0.000

L3.Temp -0.118686 NAN NAN NAN

L3.Precip. horaria -0.016911 0.000003 -5012.877 0.000

L3.Temp. prom aire -0.182527 0.000000 -529320.942 0.000

L4.Conduct 0.246592 0.000000 6750164.991 0.000

L4.Water -0.005474 0.000000 -66982.302 0.000

L4.Temp -0.007677 0.000000 -38203.336 0.000

L4.Precip. horaria 0.015515 0.000034 451.231 0.000

L4.Temp. prom aire 0.108143 NAN NAN NAN

L5.Conduct -0.011915 0.000000 -790197.693 0.000

L5.Water -0.004838 0.000000 -32974.525 0.000

L5.Temp -0.084853 NAN NAN NAN

L5.Precip. horaria -0.006258 NAN NAN NAN

L5.Temp. prom aire -0.172395 0.000000 -359845.154 0.000

L6.Conduct -0.243503 0.000000 -17185404.952 0.000

L6.Water -0.036501 0.000000 -134067.642 0.000

L6.Temp 0.044074 0.000000 139162.763 0.000

L6.Precip. horaria 0.009435 0.000021 453.316 0.000

L6.Temp. prom aire 0.113387 0.000000 327002.754 0.000

L7.Conduct -0.063429 0.000000 -1493926.780 0.000

L7.Water 0.015650 0.000000 503412.327 0.000

L7.Temp 0.009975 NAN NAN NAN

L7.Precip. horaria -0.009364 0.000045 -210.150 0.000

L7.Temp. prom aire -0.071792 0.000000 -225098.139 0.000

L8.Conduct 0.023556 NAN NAN NAN

L8.Water 0.009361 NAN NAN NAN

L8.Temp 0.033197 NAN NAN NAN

L8.Precip. horaria 0.003665 NAN NAN NAN

L8.Temp. prom aire 0.137223 0.000000 2466206.855 0.000

L9.Conduct 0.092307 NAN NAN NAN

L9.Water 0.019432 NAN NAN NAN

L9.Temp -0.028117 0.000000 -413324.564 0.000

L9.Precip. horaria -0.005185 NAN NAN NAN

L9.Temp. prom aire -0.138792 0.000000 -751404.880 0.000

L10.Conduct 0.112485 NAN NAN NAN

L10.Water 0.007858 NAN NAN NAN

L10.Temp 0.046015 0.000000 1198989.745 0.000

L10.Precip. horaria 0.004595 NAN NAN NAN

L10.Temp. prom aire 0.122348 NAN NAN NAN

L11.Conduct -0.060522 0.000000 -1844399.123 0.000

L11.Water 0.006864 0.000000 51207.910 0.000

L11.Temp -0.026421 NAN NAN NAN

L11.Precip. horaria -0.001725 0.000051 -33.816 0.000

L11.Temp. prom aire -0.083196 0.000000 -2441371.654 0.000

L12.Conduct -0.202964 0.000000 -16452557.811 0.000

L12.Water -0.003702 NAN NAN NAN

L12.Temp 0.063880 0.000000 960357.379 0.000

L12.Precip. horaria 0.002905 NAN NAN NAN

L12.Temp. prom aire 0.071584 0.000000 683423.554 0.000

L13.Conduct -0.104485 NAN NAN NAN

L13.Water 0.005623 NAN NAN NAN

L13.Temp -0.037822 0.000000 -640264.859 0.000

L13.Precip. horaria -0.002609 0.000029 -88.845 0.000

L13.Temp. prom aire 0.024714 NAN NAN NAN

L14.Conduct -0.092845 NAN NAN NAN

L14.Water 0.001400 0.000000 5362.809 0.000

L14.Temp 0.093710 0.000000 840280.361 0.000

L14.Precip. horaria 0.001367 NAN NAN NAN

L14.Temp. prom aire -0.157048 NAN NAN NAN

L15.Conduct 0.154824 NAN NAN NAN

L15.Water 0.013256 NAN NAN NAN

L15.Temp -0.029227 0.000000 -983239.091 0.000

L15.Precip. horaria -0.001571 0.000053 -29.372 0.000

L15.Temp. prom aire 0.310754 0.000000 1208491.374 0.000

L16.Conduct 0.072332 0.000000 3796603.171 0.000

L16.Water 0.008863 0.000000 56443.030 0.000

L16.Temp 0.021193 0.000000 582454.741 0.000

L16.Precip. horaria 0.001245 0.000027 46.161 0.000

L16.Temp. prom aire -0.220678 0.000000 -2039820.531 0.000

L17.Conduct 0.041738 NAN NAN NAN

L17.Water 0.011615 0.000000 92282.159 0.000

L17.Temp 0.060115 0.000000 646839.128 0.000

L17.Precip. horaria -0.000688 0.000013 -53.443 0.000

L17.Temp. prom aire 0.177351 0.000000 3521790.561 0.000

L18.Conduct 0.048845 NAN NAN NAN

L18.Water 0.009687 NAN NAN NAN

L18.Temp 0.020022 0.000000 147833.660 0.000

L18.Precip. horaria 0.000224 0.000101 2.212 0.027

L18.Temp. prom aire -0.172400 0.000000 -4194326.329 0.000

L19.Conduct 0.031824 NAN NAN NAN

L19.Water 0.008327 0.000000 51125.187 0.000

L19.Temp -0.013483 0.000000 -105966.645 0.000

L19.Precip. horaria -0.000420 NAN NAN NAN

L19.Temp. prom aire 0.103933 NAN NAN NAN

L20.Conduct 0.026020 NAN NAN NAN

L20.Water 0.012104 0.000000 86923.819 0.000

L20.Temp 0.060640 0.000000 760550.822 0.000

L20.Precip. horaria 0.000240 NAN NAN NAN

L20.Temp. prom aire -0.050360 0.000000 -1289462.171 0.000

L21.Conduct 0.056091 0.000000 1235631.840 0.000

L21.Water 0.007652 0.000000 88207.122 0.000

L21.Temp -0.025746 0.000000 -229155.366 0.000

L21.Precip. horaria 0.000090 NAN NAN NAN

L21.Temp. prom aire 0.089809 0.000000 854467.843 0.000

L22.Conduct -0.083819 NAN NAN NAN

L22.Water 0.004240 0.000000 22744.990 0.000

L22.Temp 0.070821 0.000000 636692.105 0.000

L22.Precip. horaria 0.000319 NAN NAN NAN

L22.Temp. prom aire 0.023651 NAN NAN NAN

L23.Conduct 0.028369 0.000000 475162.526 0.000

L23.Water 0.002493 0.000000 12581.792 0.000

L23.Temp -0.082540 NAN NAN NAN

L23.Precip. horaria -0.000154 0.000019 -8.293 0.000

L23.Temp. prom aire -0.088710 0.000000 -292695.892 0.000

L24.Conduct -0.166006 NAN NAN NAN

L24.Water 0.005040 0.000000 37632.609 0.000

L24.Temp 0.232926 NAN NAN NAN

L24.Precip. horaria -0.000113 0.005635 -0.020 0.984

L24.Temp. prom aire 0.075704 NAN NAN NAN

L25.Conduct 0.047664 NAN NAN NAN

L25.Water 0.007524 NAN NAN NAN

L25.Temp -0.036055 0.000000 -799878.548 0.000

L25.Precip. horaria 0.000036 NAN NAN NAN

L25.Temp. prom aire 0.105995 0.000000 1495221.094 0.000

L26.Conduct -0.081252 0.000000 -563412.921 0.000

L26.Water 0.001974 0.000000 10992.669 0.000

L26.Temp -0.002630 NAN NAN NAN

L26.Precip. horaria -0.000064 0.001359 -0.047 0.962

L26.Temp. prom aire -0.087079 0.000000 -1359153.760 0.000

L27.Conduct -0.095408 0.000000 -1186953.939 0.000

L27.Water 0.003321 NAN NAN NAN

L27.Temp 0.127634 0.000000 1539972.446 0.000

L27.Precip. horaria 0.000061 0.004050 0.015 0.988

L27.Temp. prom aire 0.123661 0.000000 3734005.230 0.000

L28.Conduct -0.076452 0.000000 -1664094.920 0.000

L28.Water 0.000979 0.000000 42155.505 0.000

L28.Temp -0.042206 0.000000 -244139.112 0.000

L28.Precip. horaria -0.000017 0.004494 -0.004 0.997

L28.Temp. prom aire -0.046542 0.000000 -293346.893 0.000

L29.Conduct -0.024823 NAN NAN NAN

L29.Water 0.003793 0.000000 59858.029 0.000

L29.Temp 0.024163 NAN NAN NAN

L29.Precip. horaria 0.000036 NAN NAN NAN

L29.Temp. prom aire 0.030068 0.000000 353088.048 0.000

L30.Conduct -0.269676 0.000000 -8755094.293 0.000

L30.Water -0.016760 NAN NAN NAN

L30.Temp 0.073712 0.000000 856855.643 0.000

L30.Precip. horaria -0.000058 0.002082 -0.028 0.978

L30.Temp. prom aire -0.003350 0.000000 -80490.505 0.000

L31.Conduct 0.230459 0.000000 21066965.602 0.000

L31.Water 0.021396 0.000000 91125.821 0.000

L31.Temp -0.047011 0.000000 -1297993.936 0.000

L31.Precip. horaria 0.000047 NAN NAN NAN

L31.Temp. prom aire 0.041785 NAN NAN NAN

L32.Conduct -0.643635 NAN NAN NAN

L32.Water -0.046098 0.000000 -323853.772 0.000

L32.Temp 0.233262 0.000000 2015211.940 0.000

L32.Precip. horaria -0.000079 NAN NAN NAN

L32.Temp. prom aire 0.006460 0.000000 58426.548 0.000

L33.Conduct 0.188746 0.000000 2745382.082 0.000

L33.Water 0.022159 NAN NAN NAN

L33.Temp -0.066138 NAN NAN NAN

L33.Precip. horaria 0.000029 0.000868 0.034 0.973

L33.Temp. prom aire 0.053981 NAN NAN NAN

L34.Conduct -0.127836 0.000000 -2357452.770 0.000

L34.Water -0.010277 NAN NAN NAN

L34.Temp 0.118835 0.000000 997557.398 0.000

L34.Precip. horaria -0.000425 0.000309 -1.373 0.170

L34.Temp. prom aire 0.003998 NAN NAN NAN

L35.Conduct 0.210874 0.000000 5409394.175 0.000

L35.Water 0.004979 NAN NAN NAN

L35.Temp -0.138484 0.000000 -3463605.535 0.000

L35.Precip. horaria 0.001138 NAN NAN NAN

L35.Temp. prom aire -0.003677 0.000000 -29902.665 0.000

L36.Conduct 0.020441 0.000000 244628.089 0.000

L36.Water -0.004765 NAN NAN NAN

L36.Temp 0.063173 0.000000 315601.450 0.000

L36.Precip. horaria -0.002020 NAN NAN NAN

L36.Temp. prom aire 0.011851 0.000000 148593.483 0.000

L37.Conduct -0.127368 0.000000 -3831620.781 0.000

L37.Water -0.019970 0.000000 -138895.879 0.000

L37.Temp -0.032548 0.000000 -135858.880 0.000

L37.Precip. horaria 0.001371 0.000256 5.362 0.000

L37.Temp. prom aire -0.018325 0.000000 -155549.640 0.000

L38.Conduct 0.047949 0.000000 881749.709 0.000

L38.Water -0.000792 0.000000 -4423.376 0.000

L38.Temp 0.086288 0.000000 1084922.113 0.000

L38.Precip. horaria -0.000148 0.000226 -0.657 0.511

L38.Temp. prom aire 0.006274 0.000000 47021.713 0.000

L39.Conduct -0.165827 NAN NAN NAN

L39.Water -0.081100 NAN NAN NAN

L39.Temp 0.006642 NAN NAN NAN

L39.Precip. horaria -0.000885 NAN NAN NAN

L39.Temp. prom aire -0.003796 NAN NAN NAN

L40.Conduct 0.158410 0.000000 20850549.201 0.000

L40.Water 0.034626 0.000000 1056395.193 0.000

L40.Temp 0.019481 0.000000 232184.034 0.000

L40.Precip. horaria 0.001959 0.000140 14.041 0.000

L40.Temp. prom aire 0.094505 0.000000 687328.015 0.000

L41.Conduct 0.184917 NAN NAN NAN

L41.Water 0.046842 0.000000 403924.863 0.000

L41.Temp -0.029027 0.000000 -105088.244 0.000

L41.Precip. horaria -0.004775 NAN NAN NAN

L41.Temp. prom aire -0.008904 NAN NAN NAN

L42.Conduct 0.521902 0.000000 36501686.545 0.000

L42.Water 0.138769 NAN NAN NAN

L42.Temp -0.000797 0.000000 -7430.668 0.000

L42.Precip. horaria 0.002894 0.000098 29.612 0.000

L42.Temp. prom aire -0.001938 0.000000 -10300.455 0.000

L43.Conduct -0.532987 0.000000 -17957950.935 0.000

L43.Water -0.112262 NAN NAN NAN

L43.Temp 0.025016 NAN NAN NAN

L43.Precip. horaria 0.001683 0.000039 43.575 0.000

L43.Temp. prom aire -0.064202 0.000000 -263835.391 0.000

L44.Conduct -0.113692 0.000000 -19903578.309 0.000

L44.Water -0.029870 0.000000 -267712.945 0.000

L44.Temp -0.002412 0.000000 -110864.423 0.000

L44.Precip. horaria -0.002690 NAN NAN NAN

L44.Temp. prom aire 0.090597 0.000000 412344.415 0.000

L45.Conduct 0.311576 0.000000 49727780.162 0.000

L45.Water 0.067976 0.000000 1529174.101 0.000

L45.Temp 0.056800 0.000000 623530.032 0.000

L45.Precip. horaria -0.002029 0.000007 -298.040 0.000

L45.Temp. prom aire -0.016937 0.000000 -82175.813 0.000

L46.Conduct 0.159355 NAN NAN NAN

L46.Water 0.019283 NAN NAN NAN

L46.Temp -0.120121 0.000000 -398966.422 0.000

L46.Precip. horaria 0.000752 0.000036 20.907 0.000

L46.Temp. prom aire 0.042382 NAN NAN NAN

L47.Conduct 1.005738 NAN NAN NAN

L47.Water 0.336811 0.000000 11193699.853 0.000

L47.Temp 0.092486 0.000000 608976.656 0.000

L47.Precip. horaria 0.005790 0.000015 377.408 0.000

L47.Temp. prom aire -0.128706 NAN NAN NAN

L48.Conduct -0.466205 NAN NAN NAN

L48.Water 0.084434 NAN NAN NAN

L48.Temp -0.036095 NAN NAN NAN

L48.Precip. horaria -0.000538 0.000052 -10.449 0.000

L48.Temp. prom aire 0.100602 0.000000 537475.729 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000092 0.000000 304.642 0.000

L1.Conduct -0.031650 0.000000 -10139777.760 0.000

L1.Water 0.008811 0.000000 252014.566 0.000

L1.Temp -0.001623 NAN NAN NAN

L1.Precip. horaria -0.000280 0.000001 -347.638 0.000

L1.Temp. prom aire -0.004626 NAN NAN NAN

L2.Conduct -0.015108 0.000000 -11215101.309 0.000

L2.Water 0.002867 0.000000 130685.638 0.000

L2.Temp 0.003821 0.000000 161945.309 0.000

L2.Precip. horaria 0.000540 0.000002 222.166 0.000

L2.Temp. prom aire 0.009801 0.000000 728740.583 0.000

L3.Conduct 0.025507 0.000000 14926541.492 0.000

L3.Water 0.004534 0.000000 264569.558 0.000

L3.Temp -0.006737 NAN NAN NAN

L3.Precip. horaria -0.000526 0.000001 -869.320 0.000

L3.Temp. prom aire -0.009117 0.000000 -147426.428 0.000

L4.Conduct 0.051970 0.000000 7932432.831 0.000

L4.Water 0.003201 0.000000 218382.918 0.000

L4.Temp -0.000925 0.000000 -25652.910 0.000

L4.Precip. horaria 0.000767 0.000006 124.307 0.000

L4.Temp. prom aire 0.004852 NAN NAN NAN

L5.Conduct 0.031592 0.000000 11682323.479 0.000

L5.Water 0.003714 0.000000 141163.222 0.000

L5.Temp -0.002156 NAN NAN NAN

L5.Precip. horaria -0.000382 NAN NAN NAN

L5.Temp. prom aire -0.004319 0.000000 -50266.223 0.000

L6.Conduct -0.018462 0.000000 -7265138.940 0.000

L6.Water -0.000210 0.000000 -4296.984 0.000

L6.Temp 0.002965 0.000000 52199.755 0.000

L6.Precip. horaria 0.000139 0.000004 37.354 0.000

L6.Temp. prom aire 0.008074 0.000000 129832.233 0.000

L7.Conduct 0.006656 0.000000 874130.703 0.000

L7.Water 0.001340 0.000000 240343.073 0.000

L7.Temp -0.000361 NAN NAN NAN

L7.Precip. horaria -0.000497 0.000008 -62.183 0.000

L7.Temp. prom aire -0.002880 0.000000 -50351.767 0.000

L8.Conduct 0.014400 NAN NAN NAN

L8.Water -0.000499 NAN NAN NAN

L8.Temp -0.000803 NAN NAN NAN

L8.Precip. horaria 0.000276 NAN NAN NAN

L8.Temp. prom aire 0.002745 0.000000 275119.673 0.000

L9.Conduct 0.014360 NAN NAN NAN

L9.Water -0.001090 NAN NAN NAN

L9.Temp -0.000868 0.000000 -71110.711 0.000

L9.Precip. horaria 0.000057 NAN NAN NAN

L9.Temp. prom aire -0.006545 0.000000 -197579.543 0.000

L10.Conduct 0.014054 NAN NAN NAN

L10.Water 0.000554 NAN NAN NAN

L10.Temp 0.003427 0.000000 497935.866 0.000

L10.Precip. horaria 0.000110 NAN NAN NAN

L10.Temp. prom aire 0.005498 NAN NAN NAN

L11.Conduct 0.018355 0.000000 3119038.481 0.000

L11.Water 0.003899 0.000000 162205.210 0.000

L11.Temp 0.001682 NAN NAN NAN

L11.Precip. horaria -0.000135 0.000009 -14.757 0.000

L11.Temp. prom aire -0.000405 0.000000 -66186.698 0.000

L12.Conduct 0.007563 0.000000 3418426.549 0.000

L12.Water 0.001792 NAN NAN NAN

L12.Temp 0.004197 0.000000 351805.792 0.000

L12.Precip. horaria 0.000103 NAN NAN NAN

L12.Temp. prom aire 0.004686 0.000000 249469.755 0.000

L13.Conduct 0.028153 NAN NAN NAN

L13.Water -0.000001 NAN NAN NAN

L13.Temp -0.002065 0.000000 -194873.121 0.000

L13.Precip. horaria -0.000112 0.000005 -21.342 0.000

L13.Temp. prom aire 0.001844 NAN NAN NAN

L14.Conduct 0.019048 NAN NAN NAN

L14.Water -0.000935 0.000000 -19970.031 0.000

L14.Temp 0.004443 0.000000 222155.943 0.000

L14.Precip. horaria 0.000026 NAN NAN NAN

L14.Temp. prom aire -0.006574 NAN NAN NAN

L15.Conduct 0.042247 NAN NAN NAN

L15.Water 0.001803 NAN NAN NAN

L15.Temp 0.000088 0.000000 16423.380 0.000

L15.Precip. horaria -0.000048 0.000010 -4.978 0.000

L15.Temp. prom aire 0.015171 0.000000 328978.396 0.000

L16.Conduct 0.024711 0.000000 7232161.785 0.000

L16.Water 0.002085 0.000000 74020.698 0.000

L16.Temp 0.002183 0.000000 334518.209 0.000

L16.Precip. horaria 0.000025 0.000005 5.252 0.000

L16.Temp. prom aire -0.009737 0.000000 -501866.647 0.000

L17.Conduct -0.028276 NAN NAN NAN

L17.Water -0.000462 0.000000 -20461.559 0.000

L17.Temp 0.004390 0.000000 263376.370 0.000

L17.Precip. horaria -0.000036 0.000002 -15.653 0.000

L17.Temp. prom aire 0.009640 0.000000 1067395.899 0.000

L18.Conduct -0.015460 NAN NAN NAN

L18.Water 0.000390 NAN NAN NAN

L18.Temp 0.002018 0.000000 83062.382 0.000

L18.Precip. horaria -0.000059 0.000018 -3.252 0.001

L18.Temp. prom aire -0.005983 0.000000 -811665.886 0.000

L19.Conduct -0.008881 NAN NAN NAN

L19.Water 0.000466 0.000000 15940.824 0.000

L19.Temp 0.000235 0.000000 10304.704 0.000

L19.Precip. horaria 0.000051 NAN NAN NAN

L19.Temp. prom aire 0.006472 NAN NAN NAN

L20.Conduct -0.023360 NAN NAN NAN

L20.Water -0.000587 0.000000 -23486.635 0.000

L20.Temp 0.004951 0.000000 346248.621 0.000

L20.Precip. horaria 0.000141 NAN NAN NAN

L20.Temp. prom aire -0.001507 0.000000 -215114.046 0.000

L21.Conduct -0.032830 0.000000 -4032564.824 0.000

L21.Water -0.001301 0.000000 -83609.388 0.000

L21.Temp 0.003468 0.000000 172128.088 0.000

L21.Precip. horaria 0.000014 NAN NAN NAN

L21.Temp. prom aire 0.002737 0.000000 145199.374 0.000

L22.Conduct -0.022016 NAN NAN NAN

L22.Water -0.000174 0.000000 -5201.141 0.000

L22.Temp 0.008528 0.000000 427521.998 0.000

L22.Precip. horaria -0.000063 NAN NAN NAN

L22.Temp. prom aire 0.002530 NAN NAN NAN

L23.Conduct 0.001791 0.000000 167261.819 0.000

L23.Water 0.001042 0.000000 29332.044 0.000

L23.Temp 0.000484 NAN NAN NAN

L23.Precip. horaria -0.000076 0.000003 -22.916 0.000

L23.Temp. prom aire -0.001762 0.000000 -32418.438 0.000

L24.Conduct -0.005694 NAN NAN NAN

L24.Water 0.001210 0.000000 50388.185 0.000

L24.Temp 0.013395 NAN NAN NAN

L24.Precip. horaria -0.000006 0.001011 -0.006 0.996

L24.Temp. prom aire 0.006793 NAN NAN NAN

L25.Conduct 0.003442 NAN NAN NAN

L25.Water 0.001304 NAN NAN NAN

L25.Temp 0.001886 0.000000 233287.926 0.000

L25.Precip. horaria 0.000003 NAN NAN NAN

L25.Temp. prom aire 0.007423 0.000000 583900.850 0.000

L26.Conduct -0.002409 0.000000 -93139.668 0.000

L26.Water 0.000991 0.000000 30757.355 0.000

L26.Temp 0.002729 NAN NAN NAN

L26.Precip. horaria -0.000000 0.000244 -0.001 1.000

L26.Temp. prom aire -0.001715 0.000000 -149238.349 0.000

L27.Conduct -0.003495 0.000000 -242442.766 0.000

L27.Water 0.001026 NAN NAN NAN

L27.Temp 0.009173 0.000000 617159.168 0.000

L27.Precip. horaria 0.000002 0.000726 0.003 0.997

L27.Temp. prom aire 0.005362 0.000000 902737.304 0.000

L28.Conduct -0.002856 0.000000 -346649.647 0.000

L28.Water 0.000901 0.000000 216323.432 0.000

L28.Temp 0.002087 0.000000 67311.771 0.000

L28.Precip. horaria -0.000002 0.000806 -0.003 0.998

L28.Temp. prom aire 0.000600 0.000000 21093.447 0.000

L29.Conduct -0.000060 NAN NAN NAN

L29.Water 0.001073 0.000000 94442.585 0.000

L29.Temp 0.004591 NAN NAN NAN

L29.Precip. horaria -0.000000 NAN NAN NAN

L29.Temp. prom aire 0.003341 0.000000 218761.648 0.000

L30.Conduct -0.012359 0.000000 -2237268.744 0.000

L30.Water 0.000025 NAN NAN NAN

L30.Temp 0.006001 0.000000 388951.928 0.000

L30.Precip. horaria -0.000003 0.000373 -0.008 0.993

L30.Temp. prom aire 0.002708 0.000000 362777.572 0.000

L31.Conduct 0.010805 0.000000 5507568.826 0.000

L31.Water 0.001832 0.000000 43502.157 0.000

L31.Temp 0.000549 0.000000 84456.505 0.000

L31.Precip. horaria 0.000002 NAN NAN NAN

L31.Temp. prom aire 0.002754 NAN NAN NAN

L32.Conduct -0.023698 NAN NAN NAN

L32.Water -0.000956 0.000000 -37449.669 0.000

L32.Temp 0.011467 0.000000 552368.370 0.000

L32.Precip. horaria -0.000002 NAN NAN NAN

L32.Temp. prom aire -0.000706 0.000000 -35618.923 0.000

L33.Conduct 0.014499 0.000000 1175916.635 0.000

L33.Water 0.002062 NAN NAN NAN

L33.Temp -0.002761 NAN NAN NAN

L33.Precip. horaria 0.000002 0.000156 0.010 0.992

L33.Temp. prom aire 0.001686 NAN NAN NAN

L34.Conduct -0.001838 0.000000 -188967.695 0.000

L34.Water 0.000519 NAN NAN NAN

L34.Temp 0.006829 0.000000 319657.345 0.000

L34.Precip. horaria -0.000025 0.000055 -0.445 0.656

L34.Temp. prom aire 0.001174 NAN NAN NAN

L35.Conduct 0.008215 0.000000 1175090.586 0.000

L35.Water 0.000934 NAN NAN NAN

L35.Temp -0.002151 0.000000 -299992.437 0.000

L35.Precip. horaria 0.000051 NAN NAN NAN

L35.Temp. prom aire 0.002207 0.000000 100075.211 0.000

L36.Conduct -0.001994 0.000000 -133086.828 0.000

L36.Water 0.000153 NAN NAN NAN

L36.Temp 0.007687 0.000000 214134.926 0.000

L36.Precip. horaria -0.000081 NAN NAN NAN

L36.Temp. prom aire 0.002556 0.000000 178709.481 0.000

L37.Conduct -0.004782 0.000000 -802064.492 0.000

L37.Water -0.000523 0.000000 -20266.270 0.000

L37.Temp 0.002072 0.000000 48216.022 0.000

L37.Precip. horaria 0.000062 0.000046 1.357 0.175

L37.Temp. prom aire 0.002074 0.000000 98159.770 0.000

L38.Conduct 0.013176 0.000000 1351043.045 0.000

L38.Water 0.001647 0.000000 51298.420 0.000

L38.Temp 0.003693 0.000000 258899.459 0.000

L38.Precip. horaria -0.000014 0.000040 -0.346 0.729

L38.Temp. prom aire 0.002423 0.000000 101241.501 0.000

L39.Conduct 0.003846 NAN NAN NAN

L39.Water -0.000879 NAN NAN NAN

L39.Temp 0.000859 NAN NAN NAN

L39.Precip. horaria -0.000061 NAN NAN NAN

L39.Temp. prom aire 0.001350 NAN NAN NAN

L40.Conduct 0.014476 0.000000 10624186.475 0.000

L40.Water 0.003934 0.000000 669183.549 0.000

L40.Temp 0.001864 0.000000 123885.979 0.000

L40.Precip. horaria 0.000096 0.000025 3.845 0.000

L40.Temp. prom aire 0.005561 0.000000 225528.440 0.000

L41.Conduct 0.002477 NAN NAN NAN

L41.Water 0.001595 0.000000 76687.821 0.000

L41.Temp 0.000455 0.000000 9180.386 0.000

L41.Precip. horaria -0.000175 NAN NAN NAN

L41.Temp. prom aire -0.001412 NAN NAN NAN

L42.Conduct 0.014275 0.000000 5566812.276 0.000

L42.Water 0.004208 NAN NAN NAN

L42.Temp 0.003233 0.000000 168096.572 0.000

L42.Precip. horaria 0.000119 0.000018 6.803 0.000

L42.Temp. prom aire 0.000679 0.000000 20118.544 0.000

L43.Conduct -0.019772 0.000000 -3714653.739 0.000

L43.Water -0.004577 NAN NAN NAN

L43.Temp 0.003025 NAN NAN NAN

L43.Precip. horaria 0.000016 0.000007 2.338 0.019

L43.Temp. prom aire -0.000326 0.000000 -7472.101 0.000

L44.Conduct 0.015198 0.000000 14836018.993 0.000

L44.Water 0.003437 0.000000 171761.056 0.000

L44.Temp -0.001720 0.000000 -440724.115 0.000

L44.Precip. horaria -0.000125 NAN NAN NAN

L44.Temp. prom aire 0.004882 0.000000 123886.067 0.000

L45.Conduct 0.037480 0.000000 33354684.773 0.000

L45.Water 0.010177 0.000000 1276530.375 0.000

L45.Temp 0.002724 0.000000 166710.959 0.000

L45.Precip. horaria -0.000022 0.000001 -18.266 0.000

L45.Temp. prom aire -0.002006 0.000000 -54276.085 0.000

L46.Conduct 0.014691 NAN NAN NAN

L46.Water 0.003403 NAN NAN NAN

L46.Temp -0.004002 0.000000 -74120.764 0.000

L46.Precip. horaria 0.000106 0.000006 16.512 0.000

L46.Temp. prom aire 0.000663 NAN NAN NAN

L47.Conduct 0.031039 NAN NAN NAN

L47.Water 0.010552 0.000000 1955433.617 0.000

L47.Temp 0.006887 0.000000 252843.702 0.000

L47.Precip. horaria 0.000241 0.000003 87.623 0.000

L47.Temp. prom aire -0.004661 NAN NAN NAN

L48.Conduct -0.029404 NAN NAN NAN

L48.Water 0.001051 NAN NAN NAN

L48.Temp -0.001111 NAN NAN NAN

L48.Precip. horaria -0.000177 0.000009 -19.136 0.000

L48.Temp. prom aire 0.006661 0.000000 198445.085 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000069 0.000000 322.293 0.000

L1.Conduct -0.002540 0.000000 -1143489.569 0.000

L1.Water 0.001289 0.000000 51787.479 0.000

L1.Temp -0.001731 NAN NAN NAN

L1.Precip. horaria -0.000245 0.000001 -428.413 0.000

L1.Temp. prom aire -0.004819 NAN NAN NAN

L2.Conduct 0.006715 0.000000 7003658.872 0.000

L2.Water 0.000683 0.000000 43758.777 0.000

L2.Temp 0.002148 0.000000 127921.552 0.000

L2.Precip. horaria 0.000446 0.000002 258.023 0.000

L2.Temp. prom aire 0.003755 0.000000 392226.764 0.000

L3.Conduct -0.022282 0.000000 -18320277.637 0.000

L3.Water 0.001601 0.000000 131247.685 0.000

L3.Temp -0.000194 NAN NAN NAN

L3.Precip. horaria -0.000166 0.000000 -384.331 0.000

L3.Temp. prom aire -0.002879 0.000000 -65398.056 0.000

L4.Conduct 0.016987 0.000000 3642760.035 0.000

L4.Water 0.003215 0.000000 308241.283 0.000

L4.Temp 0.003783 0.000000 147471.912 0.000

L4.Precip. horaria 0.000223 0.000004 50.902 0.000

L4.Temp. prom aire 0.004951 NAN NAN NAN

L5.Conduct -0.011508 0.000000 -5978757.962 0.000

L5.Water 0.001705 0.000000 91026.904 0.000

L5.Temp 0.001265 NAN NAN NAN

L5.Precip. horaria -0.000388 NAN NAN NAN

L5.Temp. prom aire -0.001616 0.000000 -26418.772 0.000

L6.Conduct 0.001150 0.000000 635819.981 0.000

L6.Water 0.001929 0.000000 55519.272 0.000

L6.Temp 0.002926 0.000000 72380.884 0.000

L6.Precip. horaria 0.000248 0.000003 93.343 0.000

L6.Temp. prom aire 0.004153 0.000000 93819.119 0.000

L7.Conduct 0.003147 0.000000 580687.194 0.000

L7.Water 0.001502 0.000000 378443.095 0.000

L7.Temp 0.000255 NAN NAN NAN

L7.Precip. horaria -0.000160 0.000006 -28.187 0.000

L7.Temp. prom aire -0.003276 0.000000 -80476.206 0.000

L8.Conduct 0.016342 NAN NAN NAN

L8.Water 0.001981 NAN NAN NAN

L8.Temp 0.002580 NAN NAN NAN

L8.Precip. horaria 0.000223 NAN NAN NAN

L8.Temp. prom aire 0.003873 0.000000 545345.996 0.000

L9.Conduct 0.006832 NAN NAN NAN

L9.Water 0.003399 NAN NAN NAN

L9.Temp 0.000801 0.000000 92260.612 0.000

L9.Precip. horaria -0.000180 NAN NAN NAN

L9.Temp. prom aire -0.001450 0.000000 -61508.722 0.000

L10.Conduct 0.006038 NAN NAN NAN

L10.Water 0.003739 NAN NAN NAN

L10.Temp 0.002877 0.000000 587195.197 0.000

L10.Precip. horaria 0.000128 NAN NAN NAN

L10.Temp. prom aire 0.004378 NAN NAN NAN

L11.Conduct -0.004789 0.000000 -1143259.580 0.000

L11.Water 0.002129 0.000000 124454.941 0.000

L11.Temp 0.000356 NAN NAN NAN

L11.Precip. horaria -0.000079 0.000007 -12.155 0.000

L11.Temp. prom aire -0.001462 0.000000 -336066.632 0.000

L12.Conduct 0.003244 0.000000 2059789.436 0.000

L12.Water 0.000418 NAN NAN NAN

L12.Temp 0.001716 0.000000 202089.655 0.000

L12.Precip. horaria 0.000136 NAN NAN NAN

L12.Temp. prom aire 0.001319 0.000000 98665.666 0.000

L13.Conduct 0.014363 NAN NAN NAN

L13.Water 0.000869 NAN NAN NAN

L13.Temp -0.000466 0.000000 -61853.536 0.000

L13.Precip. horaria -0.000091 0.000004 -24.397 0.000

L13.Temp. prom aire 0.002052 NAN NAN NAN

L14.Conduct 0.023270 NAN NAN NAN

L14.Water 0.002974 0.000000 89237.140 0.000

L14.Temp 0.002593 0.000000 182127.576 0.000

L14.Precip. horaria 0.000030 NAN NAN NAN

L14.Temp. prom aire -0.002135 NAN NAN NAN

L15.Conduct 0.015046 NAN NAN NAN

L15.Water 0.002948 NAN NAN NAN

L15.Temp 0.002024 0.000000 533516.722 0.000

L15.Precip. horaria 0.000008 0.000007 1.205 0.228

L15.Temp. prom aire 0.004645 0.000000 141517.453 0.000

L16.Conduct 0.000036 0.000000 14740.079 0.000

L16.Water 0.001093 0.000000 54532.915 0.000

L16.Temp 0.000899 0.000000 193652.032 0.000

L16.Precip. horaria -0.000019 0.000003 -5.396 0.000

L16.Temp. prom aire -0.002345 0.000000 -169814.275 0.000

L17.Conduct 0.012615 NAN NAN NAN

L17.Water 0.001910 0.000000 118851.949 0.000

L17.Temp 0.000433 0.000000 36467.818 0.000

L17.Precip. horaria -0.000055 0.000002 -33.232 0.000

L17.Temp. prom aire 0.003213 0.000000 499913.943 0.000

L18.Conduct 0.011070 NAN NAN NAN

L18.Water 0.001632 NAN NAN NAN

L18.Temp 0.001399 0.000000 80918.596 0.000

L18.Precip. horaria 0.000070 0.000013 5.414 0.000

L18.Temp. prom aire -0.001988 0.000000 -378844.591 0.000

L19.Conduct 0.022221 NAN NAN NAN

L19.Water 0.001877 0.000000 90306.751 0.000

L19.Temp -0.000424 0.000000 -26083.692 0.000

L19.Precip. horaria 0.000050 NAN NAN NAN

L19.Temp. prom aire 0.003858 NAN NAN NAN

L20.Conduct -0.010812 NAN NAN NAN

L20.Water 0.000203 0.000000 11444.793 0.000

L20.Temp 0.002146 0.000000 210861.457 0.000

L20.Precip. horaria 0.000012 NAN NAN NAN

L20.Temp. prom aire -0.001808 0.000000 -362585.816 0.000

L21.Conduct 0.003094 0.000000 533953.016 0.000

L21.Water 0.001038 0.000000 93785.075 0.000

L21.Temp 0.001631 0.000000 113742.451 0.000

L21.Precip. horaria -0.000043 NAN NAN NAN

L21.Temp. prom aire 0.002860 0.000000 213204.102 0.000

L22.Conduct 0.017798 NAN NAN NAN

L22.Water 0.002151 0.000000 90406.437 0.000

L22.Temp 0.003566 0.000000 251138.098 0.000

L22.Precip. horaria -0.000055 NAN NAN NAN

L22.Temp. prom aire 0.000634 NAN NAN NAN

L23.Conduct 0.003683 0.000000 483292.924 0.000

L23.Water 0.000940 0.000000 37180.081 0.000

L23.Temp -0.001114 NAN NAN NAN

L23.Precip. horaria 0.000069 0.000002 29.062 0.000

L23.Temp. prom aire 0.002258 0.000000 58359.196 0.000

L24.Conduct -0.000180 NAN NAN NAN

L24.Water 0.000921 0.000000 53848.010 0.000

L24.Temp 0.003640 NAN NAN NAN

L24.Precip. horaria -0.000003 0.000719 -0.004 0.997

L24.Temp. prom aire -0.000400 NAN NAN NAN

L25.Conduct 0.001911 NAN NAN NAN

L25.Water 0.000940 NAN NAN NAN

L25.Temp 0.001758 0.000000 305524.194 0.000

L25.Precip. horaria 0.000002 NAN NAN NAN

L25.Temp. prom aire 0.003589 0.000000 396630.141 0.000

L26.Conduct 0.001716 0.000000 93196.416 0.000

L26.Water 0.000939 0.000000 40976.340 0.000

L26.Temp 0.000590 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000173 -0.009 0.993

L26.Temp. prom aire -0.001682 0.000000 -205731.492 0.000

L27.Conduct 0.002474 0.000000 241114.018 0.000

L27.Water 0.000905 NAN NAN NAN

L27.Temp 0.001321 0.000000 124896.572 0.000

L27.Precip. horaria 0.000001 0.000517 0.003 0.998

L27.Temp. prom aire 0.001364 0.000000 322610.673 0.000

L28.Conduct 0.000713 0.000000 121592.389 0.000

L28.Water 0.000868 0.000000 293016.714 0.000

L28.Temp 0.002611 0.000000 118327.421 0.000

L28.Precip. horaria -0.000002 0.000574 -0.003 0.998

L28.Temp. prom aire 0.000763 0.000000 37693.973 0.000

L29.Conduct 0.003648 NAN NAN NAN

L29.Water 0.001025 0.000000 126779.027 0.000

L29.Temp 0.001545 NAN NAN NAN

L29.Precip. horaria 0.000001 NAN NAN NAN

L29.Temp. prom aire 0.003278 0.000000 301582.713 0.000

L30.Conduct -0.005451 0.000000 -1386315.308 0.000

L30.Water 0.000400 NAN NAN NAN

L30.Temp 0.004331 0.000000 394398.913 0.000

L30.Precip. horaria -0.000002 0.000266 -0.007 0.995

L30.Temp. prom aire -0.000019 0.000000 -3562.062 0.000

L31.Conduct 0.009452 0.000000 6769225.043 0.000

L31.Water 0.001537 0.000000 51277.433 0.000

L31.Temp 0.000857 0.000000 185278.333 0.000

L31.Precip. horaria 0.000002 NAN NAN NAN

L31.Temp. prom aire 0.001559 NAN NAN NAN

L32.Conduct 0.000568 NAN NAN NAN

L32.Water 0.000715 0.000000 39341.318 0.000

L32.Temp 0.003161 0.000000 213964.809 0.000

L32.Precip. horaria -0.000001 NAN NAN NAN

L32.Temp. prom aire 0.000117 0.000000 8280.857 0.000

L33.Conduct 0.009757 0.000000 1111832.219 0.000

L33.Water 0.001512 NAN NAN NAN

L33.Temp -0.000832 NAN NAN NAN

L33.Precip. horaria 0.000001 0.000111 0.008 0.993

L33.Temp. prom aire 0.001527 NAN NAN NAN

L34.Conduct 0.001494 0.000000 215767.437 0.000

L34.Water 0.001023 NAN NAN NAN

L34.Temp 0.003157 0.000000 207631.800 0.000

L34.Precip. horaria -0.000021 0.000039 -0.538 0.591

L34.Temp. prom aire 0.002194 NAN NAN NAN

L35.Conduct 0.006167 0.000000 1239260.454 0.000

L35.Water 0.001071 NAN NAN NAN

L35.Temp -0.000218 0.000000 -42700.716 0.000

L35.Precip. horaria 0.000034 NAN NAN NAN

L35.Temp. prom aire -0.000616 0.000000 -39249.391 0.000

L36.Conduct -0.000598 0.000000 -56071.721 0.000

L36.Water 0.000084 NAN NAN NAN

L36.Temp 0.004304 0.000000 168447.627 0.000

L36.Precip. horaria -0.000016 NAN NAN NAN

L36.Temp. prom aire 0.001006 0.000000 98804.623 0.000

L37.Conduct 0.003624 0.000000 854010.765 0.000

L37.Water 0.000391 0.000000 21290.034 0.000

L37.Temp 0.000456 0.000000 14903.743 0.000

L37.Precip. horaria 0.000004 0.000033 0.110 0.912

L37.Temp. prom aire 0.001547 0.000000 102871.079 0.000

L38.Conduct 0.007675 0.000000 1105687.459 0.000

L38.Water 0.002675 0.000000 117076.230 0.000

L38.Temp 0.003426 0.000000 337461.893 0.000

L38.Precip. horaria -0.000013 0.000029 -0.456 0.648

L38.Temp. prom aire 0.002421 0.000000 142157.622 0.000

L39.Conduct 0.009852 NAN NAN NAN

L39.Water 0.002705 NAN NAN NAN

L39.Temp 0.000890 NAN NAN NAN

L39.Precip. horaria -0.000028 NAN NAN NAN

L39.Temp. prom aire 0.000812 NAN NAN NAN

L40.Conduct 0.003492 0.000000 3601259.392 0.000

L40.Water 0.001932 0.000000 461694.398 0.000

L40.Temp 0.002928 0.000000 273350.592 0.000

L40.Precip. horaria 0.000078 0.000018 4.389 0.000

L40.Temp. prom aire 0.000897 0.000000 51080.672 0.000

L41.Conduct -0.008253 NAN NAN NAN

L41.Water -0.001302 0.000000 -87972.336 0.000

L41.Temp 0.001955 0.000000 55439.268 0.000

L41.Precip. horaria -0.000029 NAN NAN NAN

L41.Temp. prom aire 0.000865 NAN NAN NAN

L42.Conduct 0.007016 0.000000 3843989.096 0.000

L42.Water 0.001747 NAN NAN NAN

L42.Temp 0.002265 0.000000 165466.019 0.000

L42.Precip. horaria -0.000058 0.000012 -4.613 0.000

L42.Temp. prom aire 0.002415 0.000000 100551.520 0.000

L43.Conduct 0.007106 0.000000 1875753.555 0.000

L43.Water 0.001460 NAN NAN NAN

L43.Temp 0.001007 NAN NAN NAN

L43.Precip. horaria -0.000005 0.000005 -0.937 0.349

L43.Temp. prom aire 0.000528 0.000000 16991.097 0.000

L44.Conduct 0.012669 0.000000 17374898.191 0.000

L44.Water 0.003909 0.000000 274446.257 0.000

L44.Temp 0.000246 0.000000 88559.007 0.000

L44.Precip. horaria 0.000075 NAN NAN NAN

L44.Temp. prom aire 0.000981 0.000000 34984.060 0.000

L45.Conduct 0.012317 0.000000 15399846.087 0.000

L45.Water 0.005024 0.000000 885346.032 0.000

L45.Temp 0.004059 0.000000 349060.222 0.000

L45.Precip. horaria 0.000053 0.000001 60.483 0.000

L45.Temp. prom aire -0.000991 0.000000 -37656.870 0.000

L46.Conduct -0.006865 NAN NAN NAN

L46.Water -0.001671 NAN NAN NAN

L46.Temp 0.002436 0.000000 63388.209 0.000

L46.Precip. horaria -0.000002 0.000005 -0.399 0.690

L46.Temp. prom aire 0.003757 NAN NAN NAN

L47.Conduct -0.003383 NAN NAN NAN

L47.Water -0.001515 0.000000 -394459.925 0.000

L47.Temp 0.002319 0.000000 119634.572 0.000

L47.Precip. horaria -0.000014 0.000002 -7.080 0.000

L47.Temp. prom aire -0.000319 NAN NAN NAN

L48.Conduct -0.012249 NAN NAN NAN

L48.Water 0.004445 NAN NAN NAN

L48.Temp 0.000846 NAN NAN NAN

L48.Precip. horaria -0.000121 0.000007 -18.472 0.000

L48.Temp. prom aire 0.003765 0.000000 157564.298 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000001 0.000000 349.113 0.000

L1.Conduct -0.000754 0.000000 -35323332.750 0.000

L1.Water -0.000062 0.000000 -258666.233 0.000

L1.Temp -0.000359 NAN NAN NAN

L1.Precip. horaria -0.000026 0.000000 -4750.146 0.000

L1.Temp. prom aire -0.000530 NAN NAN NAN

L2.Conduct 0.000708 0.000000 76863843.119 0.000

L2.Water 0.000123 0.000000 818806.694 0.000

L2.Temp 0.000230 0.000000 1426686.032 0.000

L2.Precip. horaria 0.000031 0.000000 1837.890 0.000

L2.Temp. prom aire 0.000549 0.000000 5968539.017 0.000

L3.Conduct -0.000953 0.000000 -81593361.557 0.000

L3.Water 0.000044 0.000000 371429.901 0.000

L3.Temp -0.000125 NAN NAN NAN

L3.Precip. horaria -0.000043 0.000000 -10437.529 0.000

L3.Temp. prom aire -0.000204 0.000000 -482959.108 0.000

L4.Conduct 0.001598 0.000000 35680050.281 0.000

L4.Water -0.000096 0.000000 -953618.798 0.000

L4.Temp 0.000057 0.000000 229497.725 0.000

L4.Precip. horaria 0.000024 0.000000 572.766 0.000

L4.Temp. prom aire 0.000216 NAN NAN NAN

L5.Conduct -0.001460 0.000000 -78973033.140 0.000

L5.Water -0.000325 0.000000 -1809669.033 0.000

L5.Temp -0.000140 NAN NAN NAN

L5.Precip. horaria -0.000023 NAN NAN NAN

L5.Temp. prom aire -0.000389 0.000000 -662056.189 0.000

L6.Conduct 0.001277 0.000000 73510584.066 0.000

L6.Water -0.000060 0.000000 -180252.776 0.000

L6.Temp 0.000064 0.000000 164070.540 0.000

L6.Precip. horaria 0.000020 0.000000 789.156 0.000

L6.Temp. prom aire 0.000176 0.000000 413979.218 0.000

L7.Conduct 0.001856 0.000000 35661976.806 0.000

L7.Water 0.000300 0.000000 7867551.443 0.000

L7.Temp -0.000004 NAN NAN NAN

L7.Precip. horaria -0.000020 0.000000 -365.904 0.000

L7.Temp. prom aire -0.000213 0.000000 -545875.284 0.000

L8.Conduct -0.001368 NAN NAN NAN

L8.Water 0.000203 NAN NAN NAN

L8.Temp 0.000118 NAN NAN NAN

L8.Precip. horaria 0.000021 NAN NAN NAN

L8.Temp. prom aire 0.000425 0.000000 6226760.852 0.000

L9.Conduct -0.002049 NAN NAN NAN

L9.Water -0.000022 NAN NAN NAN

L9.Temp -0.000038 0.000000 -457215.053 0.000

L9.Precip. horaria -0.000005 NAN NAN NAN

L9.Temp. prom aire -0.000175 0.000000 -773680.703 0.000

L10.Conduct -0.000800 NAN NAN NAN

L10.Water -0.000148 NAN NAN NAN

L10.Temp -0.000071 0.000000 -1518583.027 0.000

L10.Precip. horaria 0.000001 NAN NAN NAN

L10.Temp. prom aire -0.000004 NAN NAN NAN

L11.Conduct 0.001527 0.000000 37963307.827 0.000

L11.Water -0.000029 0.000000 -175856.350 0.000

L11.Temp -0.000024 NAN NAN NAN

L11.Precip. horaria 0.000003 0.000000 53.763 0.000

L11.Temp. prom aire -0.000187 0.000000 -4466253.494 0.000

L12.Conduct 0.000790 0.000000 52237786.272 0.000

L12.Water -0.000051 NAN NAN NAN

L12.Temp 0.000120 0.000000 1468082.796 0.000

L12.Precip. horaria 0.000002 NAN NAN NAN

L12.Temp. prom aire 0.000069 0.000000 539555.376 0.000

L13.Conduct 0.001796 NAN NAN NAN

L13.Water 0.000123 NAN NAN NAN

L13.Temp 0.000001 0.000000 11645.262 0.000

L13.Precip. horaria -0.000008 0.000000 -228.895 0.000

L13.Temp. prom aire 0.000330 NAN NAN NAN

L14.Conduct -0.001748 NAN NAN NAN

L14.Water 0.000008 0.000000 23897.869 0.000

L14.Temp 0.000195 0.000000 1427621.600 0.000

L14.Precip. horaria -0.000008 NAN NAN NAN

L14.Temp. prom aire -0.000328 NAN NAN NAN

L15.Conduct 0.001986 NAN NAN NAN

L15.Water 0.000187 NAN NAN NAN

L15.Temp -0.000122 0.000000 -3341717.603 0.000

L15.Precip. horaria -0.000000 0.000000 -4.041 0.000

L15.Temp. prom aire 0.000516 0.000000 1637396.239 0.000

L16.Conduct -0.000533 0.000000 -22817957.207 0.000

L16.Water -0.000007 0.000000 -35876.111 0.000

L16.Temp -0.000135 0.000000 -3024271.118 0.000

L16.Precip. horaria 0.000005 0.000000 159.468 0.000

L16.Temp. prom aire -0.000621 0.000000 -4683572.005 0.000

L17.Conduct -0.001495 NAN NAN NAN

L17.Water -0.000107 0.000000 -695676.059 0.000

L17.Temp 0.000061 0.000000 534120.462 0.000

L17.Precip. horaria 0.000013 0.000000 833.338 0.000

L17.Temp. prom aire 0.000470 0.000000 7609089.703 0.000

L18.Conduct -0.000561 NAN NAN NAN

L18.Water -0.000031 NAN NAN NAN

L18.Temp 0.000065 0.000000 390672.269 0.000

L18.Precip. horaria -0.000006 0.000000 -45.653 0.000

L18.Temp. prom aire -0.000417 0.000000 -8284684.174 0.000

L19.Conduct -0.000439 NAN NAN NAN

L19.Water -0.000039 0.000000 -195368.370 0.000

L19.Temp -0.000040 0.000000 -253491.168 0.000

L19.Precip. horaria 0.000002 NAN NAN NAN

L19.Temp. prom aire 0.000392 NAN NAN NAN

L20.Conduct 0.000237 NAN NAN NAN

L20.Water 0.000037 0.000000 219093.075 0.000

L20.Temp 0.000146 0.000000 1498338.269 0.000

L20.Precip. horaria -0.000007 NAN NAN NAN

L20.Temp. prom aire -0.000388 0.000000 -8107822.567 0.000

L21.Conduct 0.000390 0.000000 7013015.743 0.000

L21.Water 0.000034 0.000000 323235.116 0.000

L21.Temp 0.000017 0.000000 125997.159 0.000

L21.Precip. horaria 0.000001 NAN NAN NAN

L21.Temp. prom aire 0.000319 0.000000 2478913.897 0.000

L22.Conduct 0.000638 NAN NAN NAN

L22.Water 0.000063 0.000000 277411.865 0.000

L22.Temp 0.000189 0.000000 1388023.964 0.000

L22.Precip. horaria -0.000001 NAN NAN NAN

L22.Temp. prom aire 0.000095 NAN NAN NAN

L23.Conduct 0.000176 0.000000 2402696.898 0.000

L23.Water 0.000005 0.000000 20892.536 0.000

L23.Temp -0.000269 NAN NAN NAN

L23.Precip. horaria 0.000003 0.000000 126.495 0.000

L23.Temp. prom aire -0.000109 0.000000 -292106.570 0.000

L24.Conduct -0.000298 NAN NAN NAN

L24.Water 0.000004 0.000000 21991.979 0.000

L24.Temp 0.000351 NAN NAN NAN

L24.Precip. horaria -0.000000 0.000007 -0.036 0.971

L24.Temp. prom aire -0.000117 NAN NAN NAN

L25.Conduct 0.000049 NAN NAN NAN

L25.Water 0.000007 NAN NAN NAN

L25.Temp -0.000053 0.000000 -958570.483 0.000

L25.Precip. horaria 0.000000 NAN NAN NAN

L25.Temp. prom aire 0.000223 0.000000 2563218.035 0.000

L26.Conduct -0.000079 0.000000 -444710.964 0.000

L26.Water 0.000002 0.000000 8917.706 0.000

L26.Temp -0.000111 NAN NAN NAN

L26.Precip. horaria -0.000000 0.000002 -0.134 0.893

L26.Temp. prom aire -0.000098 0.000000 -1241820.615 0.000

L27.Conduct -0.000078 0.000000 -787959.143 0.000

L27.Water 0.000003 NAN NAN NAN

L27.Temp 0.000162 0.000000 1590545.516 0.000

L27.Precip. horaria 0.000000 0.000005 0.026 0.980

L27.Temp. prom aire 0.000235 0.000000 5775978.329 0.000

L28.Conduct -0.000159 0.000000 -2822102.249 0.000

L28.Water -0.000005 0.000000 -168596.573 0.000

L28.Temp -0.000011 0.000000 -50057.642 0.000

L28.Precip. horaria -0.000000 0.000006 -0.002 0.998

L28.Temp. prom aire 0.000049 0.000000 252075.925 0.000

L29.Conduct 0.000013 NAN NAN NAN

L29.Water 0.000006 0.000000 79418.264 0.000

L29.Temp 0.000033 NAN NAN NAN

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire -0.000224 0.000000 -2144851.646 0.000

L30.Conduct -0.000788 0.000000 -20864485.479 0.000

L30.Water -0.000051 NAN NAN NAN

L30.Temp 0.000262 0.000000 2480811.160 0.000

L30.Precip. horaria -0.000000 0.000003 -0.085 0.932

L30.Temp. prom aire 0.000060 0.000000 1185464.455 0.000

L31.Conduct 0.000790 0.000000 58876738.288 0.000

L31.Water 0.000068 0.000000 236449.274 0.000

L31.Temp -0.000160 0.000000 -3592110.597 0.000

L31.Precip. horaria 0.000000 NAN NAN NAN

L31.Temp. prom aire 0.000045 NAN NAN NAN

L32.Conduct -0.000765 NAN NAN NAN

L32.Water -0.000068 0.000000 -389419.070 0.000

L32.Temp 0.000179 0.000000 1263554.251 0.000

L32.Precip. horaria -0.000000 NAN NAN NAN

L32.Temp. prom aire 0.000037 0.000000 270823.499 0.000

L33.Conduct 0.000477 0.000000 5655623.902 0.000

L33.Water 0.000044 NAN NAN NAN

L33.Temp -0.000243 NAN NAN NAN

L33.Precip. horaria 0.000000 0.000001 0.126 0.899

L33.Temp. prom aire 0.000000 NAN NAN NAN

L34.Conduct -0.000461 0.000000 -6926713.309 0.000

L34.Water -0.000030 NAN NAN NAN

L34.Temp 0.000254 0.000000 1735848.558 0.000

L34.Precip. horaria -0.000001 0.000000 -3.635 0.000

L34.Temp. prom aire 0.000008 NAN NAN NAN

L35.Conduct 0.000236 0.000000 4937478.908 0.000

L35.Water -0.000004 NAN NAN NAN

L35.Temp -0.000168 0.000000 -3430584.416 0.000

L35.Precip. horaria 0.000003 NAN NAN NAN

L35.Temp. prom aire -0.000049 0.000000 -326538.794 0.000

L36.Conduct -0.000260 0.000000 -2539130.296 0.000

L36.Water -0.000063 NAN NAN NAN

L36.Temp 0.000274 0.000000 1118447.670 0.000

L36.Precip. horaria -0.000003 NAN NAN NAN

L36.Temp. prom aire 0.000083 0.000000 845494.101 0.000

L37.Conduct -0.000020 0.000000 -492399.889 0.000

L37.Water -0.000029 0.000000 -166232.912 0.000

L37.Temp -0.000091 0.000000 -308127.622 0.000

L37.Precip. horaria 0.000001 0.000000 4.498 0.000

L37.Temp. prom aire 0.000126 0.000000 875546.527 0.000

L38.Conduct 0.000229 0.000000 3438134.957 0.000

L38.Water 0.000106 0.000000 483028.461 0.000

L38.Temp 0.000154 0.000000 1575942.438 0.000

L38.Precip. horaria -0.000001 0.000000 -2.910 0.004

L38.Temp. prom aire 0.000003 0.000000 18550.160 0.000

L39.Conduct -0.000179 NAN NAN NAN

L39.Water -0.000040 NAN NAN NAN

L39.Temp 0.000024 NAN NAN NAN

L39.Precip. horaria -0.000002 NAN NAN NAN

L39.Temp. prom aire -0.000050 NAN NAN NAN

L40.Conduct 0.000243 0.000000 26046738.979 0.000

L40.Water 0.000025 0.000000 626003.362 0.000

L40.Temp -0.000053 0.000000 -513978.834 0.000

L40.Precip. horaria 0.000007 0.000000 42.082 0.000

L40.Temp. prom aire 0.000108 0.000000 639484.941 0.000

L41.Conduct -0.000447 NAN NAN NAN

L41.Water -0.000154 0.000000 -1080206.948 0.000

L41.Temp -0.000224 0.000000 -660452.431 0.000

L41.Precip. horaria -0.000008 NAN NAN NAN

L41.Temp. prom aire -0.000147 NAN NAN NAN

L42.Conduct 0.000990 0.000000 56455509.225 0.000

L42.Water 0.000217 NAN NAN NAN

L42.Temp 0.000039 0.000000 297650.186 0.000

L42.Precip. horaria -0.000001 0.000000 -10.185 0.000

L42.Temp. prom aire 0.000111 0.000000 479687.603 0.000

L43.Conduct -0.000752 0.000000 -20671734.522 0.000

L43.Water -0.000089 NAN NAN NAN

L43.Temp 0.000118 NAN NAN NAN

L43.Precip. horaria 0.000003 0.000000 59.033 0.000

L43.Temp. prom aire -0.000165 0.000000 -553268.830 0.000

L44.Conduct -0.000005 0.000000 -643228.051 0.000

L44.Water 0.000107 0.000000 783053.711 0.000

L44.Temp 0.000101 0.000000 3769881.118 0.000

L44.Precip. horaria 0.000004 NAN NAN NAN

L44.Temp. prom aire 0.000139 0.000000 517875.817 0.000

L45.Conduct 0.000332 0.000000 43279247.789 0.000

L45.Water 0.000154 0.000000 2820744.943 0.000

L45.Temp 0.000308 0.000000 2761879.187 0.000

L45.Precip. horaria -0.000001 0.000000 -143.653 0.000

L45.Temp. prom aire -0.000053 0.000000 -211682.924 0.000

L46.Conduct -0.000266 NAN NAN NAN

L46.Water -0.000251 NAN NAN NAN

L46.Temp -0.000363 0.000000 -983122.303 0.000

L46.Precip. horaria -0.000002 0.000000 -52.146 0.000

L46.Temp. prom aire 0.000265 NAN NAN NAN

L47.Conduct 0.000978 NAN NAN NAN

L47.Water 0.000308 0.000000 8336429.439 0.000

L47.Temp 0.000113 0.000000 605128.967 0.000

L47.Precip. horaria 0.000002 0.000000 85.755 0.000

L47.Temp. prom aire -0.000217 NAN NAN NAN

L48.Conduct -0.000647 NAN NAN NAN

L48.Water 0.000478 NAN NAN NAN

L48.Temp -0.000232 NAN NAN NAN

L48.Precip. horaria -0.000006 0.000000 -90.381 0.000

L48.Temp. prom aire 0.000142 0.000000 618277.533 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000062 0.000000 1066.536 0.000

L1.Conduct -0.002259 0.000000 -3733170.019 0.000

L1.Water 0.002815 0.000000 415460.571 0.000

L1.Temp -0.008488 NAN NAN NAN

L1.Precip. horaria -0.000712 0.000000 -4568.263 0.000

L1.Temp. prom aire -0.015079 NAN NAN NAN

L2.Conduct 0.012864 0.000000 49269194.318 0.000

L2.Water -0.001227 0.000000 -288568.213 0.000

L2.Temp 0.005156 0.000000 1127509.657 0.000

L2.Precip. horaria 0.000961 0.000000 2041.778 0.000

L2.Temp. prom aire 0.012246 0.000000 4697865.498 0.000

L3.Conduct -0.027252 0.000000 -82279218.783 0.000

L3.Water 0.000042 0.000000 12619.748 0.000

L3.Temp -0.004800 NAN NAN NAN

L3.Precip. horaria -0.000700 0.000000 -5966.393 0.000

L3.Temp. prom aire -0.012022 0.000000 -1002914.690 0.000

L4.Conduct 0.039615 0.000000 31195544.040 0.000

L4.Water 0.001833 0.000000 645263.225 0.000

L4.Temp 0.005238 0.000000 749808.041 0.000

L4.Precip. horaria 0.000689 0.000001 576.779 0.000

L4.Temp. prom aire 0.011232 NAN NAN NAN

L5.Conduct -0.021630 0.000000 -41265263.469 0.000

L5.Water 0.002279 0.000000 446870.432 0.000

L5.Temp -0.002170 NAN NAN NAN

L5.Precip. horaria -0.000716 NAN NAN NAN

L5.Temp. prom aire -0.008159 0.000000 -489905.537 0.000

L6.Conduct 0.004394 0.000000 8920897.253 0.000

L6.Water 0.001509 0.000000 159431.592 0.000

L6.Temp 0.004568 0.000000 414893.231 0.000

L6.Precip. horaria 0.000625 0.000001 864.270 0.000

L6.Temp. prom aire 0.010985 0.000000 911393.220 0.000

L7.Conduct -0.005973 0.000000 -4046940.626 0.000

L7.Water 0.001385 0.000000 1281523.597 0.000

L7.Temp -0.002364 NAN NAN NAN

L7.Precip. horaria -0.000614 0.000002 -396.457 0.000

L7.Temp. prom aire -0.010187 0.000000 -918814.836 0.000

L8.Conduct 0.013180 NAN NAN NAN

L8.Water 0.000186 NAN NAN NAN

L8.Temp 0.004266 NAN NAN NAN

L8.Precip. horaria 0.000611 NAN NAN NAN

L8.Temp. prom aire 0.011095 0.000000 5736510.857 0.000

L9.Conduct -0.007239 NAN NAN NAN

L9.Water 0.000145 NAN NAN NAN

L9.Temp -0.001994 0.000000 -843068.050 0.000

L9.Precip. horaria -0.000433 NAN NAN NAN

L9.Temp. prom aire -0.009333 0.000000 -1453565.904 0.000

L10.Conduct 0.022715 NAN NAN NAN

L10.Water 0.001635 NAN NAN NAN

L10.Temp 0.005356 0.000000 4014912.958 0.000

L10.Precip. horaria 0.000365 NAN NAN NAN

L10.Temp. prom aire 0.009396 NAN NAN NAN

L11.Conduct -0.007859 0.000000 -6889557.022 0.000

L11.Water 0.001467 0.000000 314871.633 0.000

L11.Temp -0.000998 NAN NAN NAN

L11.Precip. horaria -0.000396 0.000002 -223.468 0.000

L11.Temp. prom aire -0.006178 0.000000 -5215425.937 0.000

L12.Conduct 0.014999 0.000000 34976971.996 0.000

L12.Water 0.001651 NAN NAN NAN

L12.Temp 0.005418 0.000000 2343044.355 0.000

L12.Precip. horaria 0.000309 NAN NAN NAN

L12.Temp. prom aire 0.006153 0.000000 1689991.768 0.000

L13.Conduct 0.004338 NAN NAN NAN

L13.Water 0.001083 NAN NAN NAN

L13.Temp -0.003939 0.000000 -1918290.617 0.000

L13.Precip. horaria -0.000287 0.000001 -281.274 0.000

L13.Temp. prom aire 0.005061 NAN NAN NAN

L14.Conduct 0.006824 NAN NAN NAN

L14.Water 0.000873 0.000000 96227.295 0.000

L14.Temp 0.005436 0.000000 1402241.213 0.000

L14.Precip. horaria 0.000289 NAN NAN NAN

L14.Temp. prom aire -0.008455 NAN NAN NAN

L15.Conduct 0.001931 NAN NAN NAN

L15.Water 0.000912 NAN NAN NAN

L15.Temp 0.000544 0.000000 526629.405 0.000

L15.Precip. horaria -0.000170 0.000002 -91.434 0.000

L15.Temp. prom aire 0.009824 0.000000 1099025.458 0.000

L16.Conduct 0.002847 0.000000 4298136.370 0.000

L16.Water 0.000506 0.000000 92710.963 0.000

L16.Temp 0.001693 0.000000 1338545.646 0.000

L16.Precip. horaria 0.000144 0.000001 153.748 0.000

L16.Temp. prom aire -0.008807 0.000000 -2341902.393 0.000

L17.Conduct -0.000704 NAN NAN NAN

L17.Water 0.001006 0.000000 229910.879 0.000

L17.Temp 0.001765 0.000000 546282.580 0.000

L17.Precip. horaria -0.000154 0.000000 -343.091 0.000

L17.Temp. prom aire 0.008729 0.000000 4986499.667 0.000

L18.Conduct 0.002506 NAN NAN NAN

L18.Water 0.000927 NAN NAN NAN

L18.Temp 0.003730 0.000000 792309.448 0.000

L18.Precip. horaria 0.000087 0.000004 24.853 0.000

L18.Temp. prom aire -0.004688 0.000000 -3281312.990 0.000

L19.Conduct 0.012686 NAN NAN NAN

L19.Water 0.001451 0.000000 256204.362 0.000

L19.Temp -0.001925 0.000000 -435181.794 0.000

L19.Precip. horaria -0.000069 NAN NAN NAN

L19.Temp. prom aire 0.008115 NAN NAN NAN

L20.Conduct -0.010286 NAN NAN NAN

L20.Water 0.000164 0.000000 33853.646 0.000

L20.Temp 0.004099 0.000000 1479039.155 0.000

L20.Precip. horaria 0.000091 NAN NAN NAN

L20.Temp. prom aire -0.005854 0.000000 -4311836.011 0.000

L21.Conduct 0.004111 0.000000 2604951.636 0.000

L21.Water 0.000884 0.000000 293166.703 0.000

L21.Temp 0.000949 0.000000 242875.138 0.000

L21.Precip. horaria -0.000053 NAN NAN NAN

L21.Temp. prom aire 0.003400 0.000000 930637.665 0.000

L22.Conduct -0.005806 NAN NAN NAN

L22.Water 0.000727 0.000000 112231.027 0.000

L22.Temp 0.009351 0.000000 2418309.548 0.000

L22.Precip. horaria 0.000019 NAN NAN NAN

L22.Temp. prom aire 0.003286 NAN NAN NAN

L23.Conduct 0.005043 0.000000 2429949.543 0.000

L23.Water 0.000706 0.000000 102555.429 0.000

L23.Temp -0.005958 NAN NAN NAN

L23.Precip. horaria -0.000006 0.000001 -9.989 0.000

L23.Temp. prom aire 0.001609 0.000000 152699.975 0.000

L24.Conduct -0.006574 NAN NAN NAN

L24.Water 0.000683 0.000000 146789.694 0.000

L24.Temp 0.009406 NAN NAN NAN

L24.Precip. horaria -0.000006 0.000196 -0.031 0.975

L24.Temp. prom aire -0.001442 NAN NAN NAN

L25.Conduct 0.001193 NAN NAN NAN

L25.Water 0.000793 NAN NAN NAN

L25.Temp 0.001779 0.000000 1135444.154 0.000

L25.Precip. horaria 0.000006 NAN NAN NAN

L25.Temp. prom aire 0.009598 0.000000 3894987.506 0.000

L26.Conduct -0.000837 0.000000 -166931.680 0.000

L26.Water 0.000693 0.000000 111058.139 0.000

L26.Temp -0.001014 NAN NAN NAN

L26.Precip. horaria -0.000004 0.000047 -0.085 0.932

L26.Temp. prom aire -0.006680 0.000000 -2999288.122 0.000

L27.Conduct -0.000131 0.000000 -46756.561 0.000

L27.Water 0.000622 NAN NAN NAN

L27.Temp 0.003835 0.000000 1331140.103 0.000

L27.Precip. horaria 0.000004 0.000141 0.026 0.979

L27.Temp. prom aire 0.005332 0.000000 4631537.859 0.000

L28.Conduct -0.003693 0.000000 -2312275.171 0.000

L28.Water 0.000456 0.000000 565581.918 0.000

L28.Temp 0.002930 0.000000 487631.866 0.000

L28.Precip. horaria -0.000004 0.000156 -0.028 0.978

L28.Temp. prom aire -0.001989 0.000000 -360574.072 0.000

L29.Conduct 0.003029 NAN NAN NAN

L29.Water 0.000819 0.000000 371965.446 0.000

L29.Temp 0.001115 NAN NAN NAN

L29.Precip. horaria 0.000003 NAN NAN NAN

L29.Temp. prom aire 0.004528 0.000000 1529697.746 0.000

L30.Conduct -0.022825 0.000000 -21317592.773 0.000

L30.Water -0.000969 NAN NAN NAN

L30.Temp 0.009322 0.000000 3117220.137 0.000

L30.Precip. horaria -0.000006 0.000072 -0.082 0.935

L30.Temp. prom aire -0.001365 0.000000 -943429.611 0.000

L31.Conduct 0.022419 0.000000 58954541.979 0.000

L31.Water 0.002336 0.000000 286148.014 0.000

L31.Temp -0.004043 0.000000 -3211179.865 0.000

L31.Precip. horaria 0.000006 NAN NAN NAN

L31.Temp. prom aire 0.005015 NAN NAN NAN

L32.Conduct -0.012363 NAN NAN NAN

L32.Water -0.000689 0.000000 -139303.539 0.000

L32.Temp 0.007037 0.000000 1748814.920 0.000

L32.Precip. horaria -0.000002 NAN NAN NAN

L32.Temp. prom aire -0.002288 0.000000 -595330.623 0.000

L33.Conduct 0.018220 0.000000 7624080.092 0.000

L33.Water 0.001908 NAN NAN NAN

L33.Temp -0.005915 NAN NAN NAN

L33.Precip. horaria 0.000004 0.000030 0.146 0.884

L33.Temp. prom aire 0.002613 NAN NAN NAN

L34.Conduct -0.006000 0.000000 -3183201.124 0.000

L34.Water 0.000394 NAN NAN NAN

L34.Temp 0.007976 0.000000 1926205.787 0.000

L34.Precip. horaria -0.000059 0.000011 -5.457 0.000

L34.Temp. prom aire 0.000587 NAN NAN NAN

L35.Conduct 0.007231 0.000000 5336258.748 0.000

L35.Water 0.000410 NAN NAN NAN

L35.Temp -0.003664 0.000000 -2636029.012 0.000

L35.Precip. horaria 0.000099 NAN NAN NAN

L35.Temp. prom aire -0.000389 0.000000 -90939.202 0.000

L36.Conduct -0.005379 0.000000 -1851914.098 0.000

L36.Water -0.001619 NAN NAN NAN

L36.Temp 0.008036 0.000000 1154937.610 0.000

L36.Precip. horaria -0.000070 NAN NAN NAN

L36.Temp. prom aire 0.001421 0.000000 512443.751 0.000

L37.Conduct 0.002686 0.000000 2324193.562 0.000

L37.Water -0.001153 0.000000 -230755.416 0.000

L37.Temp -0.003119 0.000000 -374478.492 0.000

L37.Precip. horaria 0.000022 0.000009 2.528 0.011

L37.Temp. prom aire 0.002350 0.000000 573951.009 0.000

L38.Conduct 0.016692 0.000000 8830415.056 0.000

L38.Water 0.004810 0.000000 772958.591 0.000

L38.Temp 0.003250 0.000000 1175360.813 0.000

L38.Precip. horaria -0.000030 0.000008 -3.784 0.000

L38.Temp. prom aire 0.002735 0.000000 589648.902 0.000

L39.Conduct 0.017317 NAN NAN NAN

L39.Water 0.003295 NAN NAN NAN

L39.Temp -0.002558 NAN NAN NAN

L39.Precip. horaria -0.000088 NAN NAN NAN

L39.Temp. prom aire -0.001995 NAN NAN NAN

L40.Conduct 0.003376 0.000000 12784655.547 0.000

L40.Water 0.002313 0.000000 2029765.515 0.000

L40.Temp 0.003892 0.000000 1334315.385 0.000

L40.Precip. horaria 0.000231 0.000005 47.595 0.000

L40.Temp. prom aire 0.001178 0.000000 246466.117 0.000

L41.Conduct -0.023787 NAN NAN NAN

L41.Water -0.005457 0.000000 -1353737.959 0.000

L41.Temp 0.000731 0.000000 76112.336 0.000

L41.Precip. horaria -0.000145 NAN NAN NAN

L41.Temp. prom aire 0.000182 NAN NAN NAN

L42.Conduct 0.016029 0.000000 32249521.641 0.000

L42.Water 0.003667 NAN NAN NAN

L42.Temp 0.003434 0.000000 921145.006 0.000

L42.Precip. horaria -0.000123 0.000003 -36.186 0.000

L42.Temp. prom aire 0.004446 0.000000 679873.024 0.000

L43.Conduct 0.008686 0.000000 8419289.049 0.000

L43.Water 0.001218 NAN NAN NAN

L43.Temp -0.000306 NAN NAN NAN

L43.Precip. horaria 0.000025 0.000001 18.352 0.000

L43.Temp. prom aire -0.001795 0.000000 -212250.950 0.000

L44.Conduct 0.025353 0.000000 127683917.945 0.000

L44.Water 0.007936 0.000000 2046257.887 0.000

L44.Temp -0.001907 0.000000 -2521348.305 0.000

L44.Precip. horaria 0.000137 NAN NAN NAN

L44.Temp. prom aire 0.001778 0.000000 232773.364 0.000

L45.Conduct 0.037317 0.000000 171336331.652 0.000

L45.Water 0.012047 0.000000 7795972.596 0.000

L45.Temp 0.004162 0.000000 1314433.175 0.000

L45.Precip. horaria 0.000113 0.000000 476.890 0.000

L45.Temp. prom aire -0.003889 0.000000 -542836.304 0.000

L46.Conduct -0.020662 NAN NAN NAN

L46.Water -0.007114 NAN NAN NAN

L46.Temp -0.002859 0.000000 -273183.458 0.000

L46.Precip. horaria -0.000031 0.000001 -24.409 0.000

L46.Temp. prom aire 0.005328 NAN NAN NAN

L47.Conduct 0.000383 NAN NAN NAN

L47.Water -0.001119 0.000000 -1069371.614 0.000

L47.Temp 0.003731 0.000000 706688.931 0.000

L47.Precip. horaria 0.000011 0.000001 20.809 0.000

L47.Temp. prom aire -0.004454 NAN NAN NAN

L48.Conduct -0.042297 NAN NAN NAN

L48.Water 0.011296 NAN NAN NAN

L48.Temp 0.000271 NAN NAN NAN

L48.Precip. horaria -0.000290 0.000002 -162.066 0.000

L48.Temp. prom aire 0.008008 0.000000 1230763.680 0.000

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 -0.475066 -0.202384 0.246739 0.164438

Water -0.475066 1.000000 0.325546 0.179456 0.173277

Temp -0.202384 0.325546 1.000000 0.029687 0.360111

Precip. horaria 0.246739 0.179456 0.029687 1.000000 0.186465

Temp. prom aire 0.164438 0.173277 0.360111 0.186465 1.000000

1. Sensor Oeste Medio (A8404129F1843966):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -158.510

Nobs: 23.0000 HQIC: -203.039

Log likelihood: 3548.83 FPE: -1.70968e-140

AIC: -218.000 Det(Omega\_mle): -8.58093e-146

---------------------------------------------------------------------

Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000055 0.000000 775.565 0.000

L1.Conduct 0.009799 NAN NAN NAN

L1.Water 0.015475 NAN NAN NAN

L1.Temp 0.013606 0.000000 2691014.721 0.000

L1.Precip. horaria -0.000658 NAN NAN NAN

L1.Temp. prom aire 0.052557 NAN NAN NAN

L2.Conduct -0.079633 0.000000 -48996501.570 0.000

L2.Water -0.037719 NAN NAN NAN

L2.Temp 0.017942 NAN NAN NAN

L2.Precip. horaria -0.005636 0.000000 -30965.358 0.000

L2.Temp. prom aire 0.133577 NAN NAN NAN

L3.Conduct -0.030937 0.000000 -4507939.689 0.000

L3.Water 0.015384 0.000000 4610947.836 0.000

L3.Temp -0.125742 0.000000 -57654577.640 0.000

L3.Precip. horaria -0.011800 NAN NAN NAN

L3.Temp. prom aire -0.095354 NAN NAN NAN

L4.Conduct 0.023791 NAN NAN NAN

L4.Water 0.001957 0.000000 583073.570 0.000

L4.Temp -0.041557 NAN NAN NAN

L4.Precip. horaria 0.010723 NAN NAN NAN

L4.Temp. prom aire -0.048291 NAN NAN NAN

L5.Conduct -0.037851 NAN NAN NAN

L5.Water -0.053718 0.000000 -19187646.159 0.000

L5.Temp -0.014706 NAN NAN NAN

L5.Precip. horaria 0.004580 NAN NAN NAN

L5.Temp. prom aire -0.066726 NAN NAN NAN

L6.Conduct -0.080024 NAN NAN NAN

L6.Water -0.095017 NAN NAN NAN

L6.Temp 0.028726 NAN NAN NAN

L6.Precip. horaria -0.000405 0.000000 -857.740 0.000

L6.Temp. prom aire 0.014942 NAN NAN NAN

L7.Conduct -0.022577 NAN NAN NAN

L7.Water -0.010210 NAN NAN NAN

L7.Temp 0.015321 NAN NAN NAN

L7.Precip. horaria -0.004108 NAN NAN NAN

L7.Temp. prom aire 0.017123 NAN NAN NAN

L8.Conduct -0.007385 NAN NAN NAN

L8.Water 0.007797 NAN NAN NAN

L8.Temp -0.021872 NAN NAN NAN

L8.Precip. horaria 0.001497 0.000001 2745.853 0.000

L8.Temp. prom aire -0.019476 NAN NAN NAN

L9.Conduct -0.007022 NAN NAN NAN

L9.Water -0.003643 0.000000 -3715962.151 0.000

L9.Temp 0.010915 0.000000 16240487.255 0.000

L9.Precip. horaria 0.003505 NAN NAN NAN

L9.Temp. prom aire -0.035101 0.000000 -17417524.890 0.000

L10.Conduct 0.001502 NAN NAN NAN

L10.Water -0.005293 0.000000 -563801.947 0.000

L10.Temp -0.002051 NAN NAN NAN

L10.Precip. horaria -0.002581 NAN NAN NAN

L10.Temp. prom aire 0.017157 NAN NAN NAN

L11.Conduct 0.110531 NAN NAN NAN

L11.Water 0.069980 NAN NAN NAN

L11.Temp 0.000015 0.000000 6205.193 0.000

L11.Precip. horaria -0.000862 0.000001 -698.365 0.000

L11.Temp. prom aire 0.010228 NAN NAN NAN

L12.Conduct 0.075366 0.000000 3900821.596 0.000

L12.Water 0.041212 0.000000 5212208.540 0.000

L12.Temp -0.009819 NAN NAN NAN

L12.Precip. horaria -0.002010 NAN NAN NAN

L12.Temp. prom aire 0.007195 NAN NAN NAN

L13.Conduct 0.040595 0.000000 9121696.735 0.000

L13.Water 0.024729 NAN NAN NAN

L13.Temp -0.022201 0.000000 -9012882.977 0.000

L13.Precip. horaria -0.000161 NAN NAN NAN

L13.Temp. prom aire -0.021267 NAN NAN NAN

L14.Conduct -0.088881 0.000000 -5678333.432 0.000

L14.Water -0.054683 NAN NAN NAN

L14.Temp -0.021739 NAN NAN NAN

L14.Precip. horaria -0.000789 NAN NAN NAN

L14.Temp. prom aire 0.020066 NAN NAN NAN

L15.Conduct -0.005350 NAN NAN NAN

L15.Water -0.001615 NAN NAN NAN

L15.Temp -0.099131 0.000000 -45791273.406 0.000

L15.Precip. horaria 0.000839 0.000000 8314.382 0.000

L15.Temp. prom aire 0.160504 NAN NAN NAN

L16.Conduct 0.000755 0.000000 27684.458 0.000

L16.Water -0.005219 0.000000 -229251.846 0.000

L16.Temp -0.017811 0.000000 -6896495.976 0.000

L16.Precip. horaria 0.001828 0.000002 1176.095 0.000

L16.Temp. prom aire -0.200886 NAN NAN NAN

L17.Conduct -0.021358 NAN NAN NAN

L17.Water -0.037742 NAN NAN NAN

L17.Temp 0.059019 0.000000 26875459.685 0.000

L17.Precip. horaria 0.003317 0.000000 7629.739 0.000

L17.Temp. prom aire 0.035963 NAN NAN NAN

L18.Conduct -0.014035 0.000000 -987395.562 0.000

L18.Water -0.022306 NAN NAN NAN

L18.Temp -0.002302 NAN NAN NAN

L18.Precip. horaria -0.002797 NAN NAN NAN

L18.Temp. prom aire -0.093997 NAN NAN NAN

L19.Conduct -0.042689 NAN NAN NAN

L19.Water -0.035578 NAN NAN NAN

L19.Temp 0.024252 NAN NAN NAN

L19.Precip. horaria -0.000509 NAN NAN NAN

L19.Temp. prom aire 0.054559 NAN NAN NAN

L20.Conduct 0.004881 NAN NAN NAN

L20.Water 0.008845 0.000000 380037.586 0.000

L20.Temp 0.030246 NAN NAN NAN

L20.Precip. horaria -0.000928 NAN NAN NAN

L20.Temp. prom aire -0.006852 0.000000 -5400467.925 0.000

L21.Conduct 0.002192 NAN NAN NAN

L21.Water -0.000819 NAN NAN NAN

L21.Temp -0.018038 0.000000 -24629841.659 0.000

L21.Precip. horaria 0.000653 0.000001 639.553 0.000

L21.Temp. prom aire 0.023350 NAN NAN NAN

L22.Conduct -0.010682 NAN NAN NAN

L22.Water -0.015564 NAN NAN NAN

L22.Temp 0.003481 NAN NAN NAN

L22.Precip. horaria 0.000678 0.000001 815.869 0.000

L22.Temp. prom aire -0.026531 0.000000 -18654654.279 0.000

L23.Conduct -0.008192 NAN NAN NAN

L23.Water -0.007555 NAN NAN NAN

L23.Temp 0.054189 0.000000 65962967.138 0.000

L23.Precip. horaria -0.000938 0.000002 -608.215 0.000

L23.Temp. prom aire -0.021129 0.000000 -19382227.490 0.000

L24.Conduct -0.021198 NAN NAN NAN

L24.Water -0.000511 NAN NAN NAN

L24.Temp 0.126846 NAN NAN NAN

L24.Precip. horaria -0.000061 NAN NAN NAN

L24.Temp. prom aire 0.147657 0.000000 78673850.209 0.000

L25.Conduct -0.001492 0.000000 -9431.663 0.000

L25.Water -0.006469 NAN NAN NAN

L25.Temp -0.041768 0.000000 -75325717.319 0.000

L25.Precip. horaria 0.000011 0.000033 0.345 0.730

L25.Temp. prom aire 0.028267 NAN NAN NAN

L26.Conduct 0.008659 NAN NAN NAN

L26.Water -0.001312 NAN NAN NAN

L26.Temp 0.033001 0.000000 26367522.832 0.000

L26.Precip. horaria -0.000006 NAN NAN NAN

L26.Temp. prom aire -0.002816 NAN NAN NAN

L27.Conduct 0.011074 NAN NAN NAN

L27.Water 0.008208 NAN NAN NAN

L27.Temp 0.102004 0.000000 96964586.070 0.000

L27.Precip. horaria -0.000003 NAN NAN NAN

L27.Temp. prom aire 0.080853 0.000000 48200587.485 0.000

L28.Conduct 0.004303 NAN NAN NAN

L28.Water -0.001038 NAN NAN NAN

L28.Temp -0.068982 0.000000 -62420685.899 0.000

L28.Precip. horaria -0.000019 0.000099 -0.190 0.849

L28.Temp. prom aire -0.012606 0.000000 -2998716.166 0.000

L29.Conduct -0.004785 NAN NAN NAN

L29.Water -0.000204 NAN NAN NAN

L29.Temp -0.009720 NAN NAN NAN

L29.Precip. horaria -0.000011 NAN NAN NAN

L29.Temp. prom aire -0.108433 NAN NAN NAN

L30.Conduct -0.021966 0.000000 -626050.097 0.000

L30.Water -0.001131 0.000000 -107877.487 0.000

L30.Temp 0.005049 NAN NAN NAN

L30.Precip. horaria -0.000005 NAN NAN NAN

L30.Temp. prom aire 0.008418 NAN NAN NAN

L31.Conduct -0.007783 0.000000 -194489.863 0.000

L31.Water -0.012522 NAN NAN NAN

L31.Temp 0.049685 0.000000 31852059.421 0.000

L31.Precip. horaria -0.000032 NAN NAN NAN

L31.Temp. prom aire -0.018310 0.000000 -11560320.962 0.000

L32.Conduct -0.048581 0.000000 -1657873.824 0.000

L32.Water -0.056877 NAN NAN NAN

L32.Temp 0.124730 NAN NAN NAN

L32.Precip. horaria -0.000040 NAN NAN NAN

L32.Temp. prom aire 0.042577 0.000000 16236914.447 0.000

L33.Conduct 0.009790 NAN NAN NAN

L33.Water -0.023953 NAN NAN NAN

L33.Temp -0.009786 0.000000 -29120828.291 0.000

L33.Precip. horaria 0.000041 0.000025 1.607 0.108

L33.Temp. prom aire 0.033997 0.000000 11009662.569 0.000

L34.Conduct -0.018428 NAN NAN NAN

L34.Water -0.053162 NAN NAN NAN

L34.Temp 0.020016 NAN NAN NAN

L34.Precip. horaria 0.000187 NAN NAN NAN

L34.Temp. prom aire -0.017052 NAN NAN NAN

L35.Conduct -0.002066 0.000000 -179741.403 0.000

L35.Water -0.009741 NAN NAN NAN

L35.Temp -0.027801 NAN NAN NAN

L35.Precip. horaria -0.000330 NAN NAN NAN

L35.Temp. prom aire 0.052818 NAN NAN NAN

L36.Conduct 0.008060 NAN NAN NAN

L36.Water 0.019262 NAN NAN NAN

L36.Temp 0.023584 0.000000 7959406.860 0.000

L36.Precip. horaria -0.001030 NAN NAN NAN

L36.Temp. prom aire 0.026608 NAN NAN NAN

L37.Conduct 0.025171 NAN NAN NAN

L37.Water 0.029502 NAN NAN NAN

L37.Temp 0.004530 0.000000 2286169.641 0.000

L37.Precip. horaria 0.001475 NAN NAN NAN

L37.Temp. prom aire -0.014932 0.000000 -6513051.582 0.000

L38.Conduct 0.000414 NAN NAN NAN

L38.Water -0.013051 NAN NAN NAN

L38.Temp 0.015670 NAN NAN NAN

L38.Precip. horaria 0.000015 NAN NAN NAN

L38.Temp. prom aire -0.022698 0.000000 -16006405.552 0.000

L39.Conduct -0.004662 0.000000 -469064.667 0.000

L39.Water -0.009238 NAN NAN NAN

L39.Temp 0.017944 NAN NAN NAN

L39.Precip. horaria -0.000683 NAN NAN NAN

L39.Temp. prom aire 0.045728 NAN NAN NAN

L40.Conduct -0.002187 0.000000 -152236.287 0.000

L40.Water 0.033028 NAN NAN NAN

L40.Temp -0.017187 NAN NAN NAN

L40.Precip. horaria -0.001244 0.000002 -786.368 0.000

L40.Temp. prom aire 0.084074 NAN NAN NAN

L41.Conduct -0.001456 NAN NAN NAN

L41.Water 0.035959 NAN NAN NAN

L41.Temp -0.020451 0.000000 -18128735.205 0.000

L41.Precip. horaria -0.001592 NAN NAN NAN

L41.Temp. prom aire -0.071628 0.000000 -25482458.700 0.000

L42.Conduct -0.005565 NAN NAN NAN

L42.Water 0.001568 NAN NAN NAN

L42.Temp 0.056601 0.000000 15850044.656 0.000

L42.Precip. horaria 0.004957 NAN NAN NAN

L42.Temp. prom aire -0.036646 NAN NAN NAN

L43.Conduct -0.046727 NAN NAN NAN

L43.Water -0.079005 NAN NAN NAN

L43.Temp 0.067278 NAN NAN NAN

L43.Precip. horaria -0.000930 0.000000 -4767.298 0.000

L43.Temp. prom aire 0.024611 NAN NAN NAN

L44.Conduct -0.015442 NAN NAN NAN

L44.Water -0.049751 0.000000 -8280203.206 0.000

L44.Temp 0.023025 0.000000 50232524.051 0.000

L44.Precip. horaria -0.006516 NAN NAN NAN

L44.Temp. prom aire 0.104665 0.000000 71509057.622 0.000

L45.Conduct -0.011248 0.000000 -1962943.263 0.000

L45.Water -0.030978 NAN NAN NAN

L45.Temp -0.021859 NAN NAN NAN

L45.Precip. horaria -0.000972 NAN NAN NAN

L45.Temp. prom aire -0.020092 0.000000 -6757752.770 0.000

L46.Conduct 0.007341 0.000000 1043856.837 0.000

L46.Water 0.077202 0.000000 45307974.983 0.000

L46.Temp -0.128501 NAN NAN NAN

L46.Precip. horaria 0.006038 0.000001 6466.275 0.000

L46.Temp. prom aire -0.097162 NAN NAN NAN

L47.Conduct 0.039546 0.000000 4089859.839 0.000

L47.Water 0.183097 NAN NAN NAN

L47.Temp 0.035752 NAN NAN NAN

L47.Precip. horaria 0.005925 NAN NAN NAN

L47.Temp. prom aire -0.074850 0.000000 -14090825.458 0.000

L48.Conduct -0.044611 0.000000 -4182872.384 0.000

L48.Water -0.084794 NAN NAN NAN

L48.Temp -0.054955 NAN NAN NAN

L48.Precip. horaria -0.000817 0.000001 -1530.212 0.000

L48.Temp. prom aire 0.048681 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000126 0.000000 541.253 0.000

L1.Conduct 0.020531 NAN NAN NAN

L1.Water 0.067847 NAN NAN NAN

L1.Temp 0.004990 0.000000 300033.430 0.000

L1.Precip. horaria 0.000983 NAN NAN NAN

L1.Temp. prom aire 0.053018 NAN NAN NAN

L2.Conduct -0.043828 0.000000 -8198785.380 0.000

L2.Water -0.013953 NAN NAN NAN

L2.Temp 0.014274 NAN NAN NAN

L2.Precip. horaria -0.006825 0.000001 -11402.081 0.000

L2.Temp. prom aire 0.079373 NAN NAN NAN

L3.Conduct -0.015319 0.000000 -678696.581 0.000

L3.Water 0.007897 0.000000 719610.733 0.000

L3.Temp -0.075350 0.000000 -10504267.846 0.000

L3.Precip. horaria -0.012009 NAN NAN NAN

L3.Temp. prom aire -0.064388 NAN NAN NAN

L4.Conduct 0.051578 NAN NAN NAN

L4.Water 0.019565 0.000000 1772230.858 0.000

L4.Temp -0.010725 NAN NAN NAN

L4.Precip. horaria 0.007458 NAN NAN NAN

L4.Temp. prom aire -0.041924 NAN NAN NAN

L5.Conduct -0.022993 NAN NAN NAN

L5.Water -0.052224 0.000000 -5671466.737 0.000

L5.Temp -0.004223 NAN NAN NAN

L5.Precip. horaria 0.003563 NAN NAN NAN

L5.Temp. prom aire -0.054283 NAN NAN NAN

L6.Conduct -0.104556 NAN NAN NAN

L6.Water -0.116560 NAN NAN NAN

L6.Temp 0.021133 NAN NAN NAN

L6.Precip. horaria -0.001111 0.000002 -715.307 0.000

L6.Temp. prom aire 0.012408 NAN NAN NAN

L7.Conduct -0.044070 NAN NAN NAN

L7.Water -0.018352 NAN NAN NAN

L7.Temp 0.001409 NAN NAN NAN

L7.Precip. horaria -0.004049 NAN NAN NAN

L7.Temp. prom aire 0.024353 NAN NAN NAN

L8.Conduct -0.007009 NAN NAN NAN

L8.Water 0.019200 NAN NAN NAN

L8.Temp -0.044036 NAN NAN NAN

L8.Precip. horaria 0.003495 0.000002 1949.475 0.000

L8.Temp. prom aire -0.037243 NAN NAN NAN

L9.Conduct -0.000231 NAN NAN NAN

L9.Water -0.009772 0.000000 -3030312.033 0.000

L9.Temp -0.003003 0.000000 -1358372.330 0.000

L9.Precip. horaria 0.007736 NAN NAN NAN

L9.Temp. prom aire -0.036250 0.000000 -5468944.353 0.000

L10.Conduct 0.019058 NAN NAN NAN

L10.Water -0.010511 0.000000 -340390.746 0.000

L10.Temp -0.031723 NAN NAN NAN

L10.Precip. horaria -0.005411 NAN NAN NAN

L10.Temp. prom aire -0.042253 NAN NAN NAN

L11.Conduct 0.164614 NAN NAN NAN

L11.Water 0.103235 NAN NAN NAN

L11.Temp 0.011648 0.000000 1430587.929 0.000

L11.Precip. horaria -0.002629 0.000004 -647.652 0.000

L11.Temp. prom aire 0.041273 NAN NAN NAN

L12.Conduct 0.127049 0.000000 1999292.031 0.000

L12.Water 0.073291 0.000000 2818203.645 0.000

L12.Temp -0.023202 NAN NAN NAN

L12.Precip. horaria -0.002498 NAN NAN NAN

L12.Temp. prom aire 0.036591 NAN NAN NAN

L13.Conduct 0.059946 0.000000 4095324.491 0.000

L13.Water 0.031968 NAN NAN NAN

L13.Temp -0.045313 0.000000 -5593098.241 0.000

L13.Precip. horaria -0.000175 NAN NAN NAN

L13.Temp. prom aire -0.015069 NAN NAN NAN

L14.Conduct -0.169229 0.000000 -3287134.517 0.000

L14.Water -0.114104 NAN NAN NAN

L14.Temp -0.043384 NAN NAN NAN

L14.Precip. horaria -0.001600 NAN NAN NAN

L14.Temp. prom aire 0.003329 NAN NAN NAN

L15.Conduct -0.009087 NAN NAN NAN

L15.Water -0.005970 NAN NAN NAN

L15.Temp -0.108347 0.000000 -15216697.260 0.000

L15.Precip. horaria 0.001542 0.000000 4645.024 0.000

L15.Temp. prom aire 0.098773 NAN NAN NAN

L16.Conduct 0.014676 0.000000 163709.990 0.000

L16.Water -0.007870 0.000000 -105106.219 0.000

L16.Temp -0.040380 0.000000 -4753807.277 0.000

L16.Precip. horaria 0.003028 0.000005 592.177 0.000

L16.Temp. prom aire -0.197104 NAN NAN NAN

L17.Conduct -0.066153 NAN NAN NAN

L17.Water -0.093794 NAN NAN NAN

L17.Temp 0.069521 0.000000 9625099.677 0.000

L17.Precip. horaria 0.005451 0.000001 3812.148 0.000

L17.Temp. prom aire 0.065013 NAN NAN NAN

L18.Conduct -0.060205 0.000000 -1287801.402 0.000

L18.Water -0.063902 NAN NAN NAN

L18.Temp 0.017326 NAN NAN NAN

L18.Precip. horaria -0.004982 NAN NAN NAN

L18.Temp. prom aire -0.064748 NAN NAN NAN

L19.Conduct -0.050091 NAN NAN NAN

L19.Water -0.043922 NAN NAN NAN

L19.Temp 0.037759 NAN NAN NAN

L19.Precip. horaria -0.001084 NAN NAN NAN

L19.Temp. prom aire 0.061029 NAN NAN NAN

L20.Conduct 0.001914 NAN NAN NAN

L20.Water 0.000195 0.000000 2550.754 0.000

L20.Temp 0.048725 NAN NAN NAN

L20.Precip. horaria -0.000442 NAN NAN NAN

L20.Temp. prom aire -0.016569 0.000000 -3970517.173 0.000

L21.Conduct -0.009452 NAN NAN NAN

L21.Water -0.015072 NAN NAN NAN

L21.Temp 0.029383 0.000000 12197760.379 0.000

L21.Precip. horaria 0.000880 0.000003 262.147 0.000

L21.Temp. prom aire 0.023221 NAN NAN NAN

L22.Conduct -0.013151 NAN NAN NAN

L22.Water -0.018704 NAN NAN NAN

L22.Temp 0.030819 NAN NAN NAN

L22.Precip. horaria -0.000170 0.000003 -62.278 0.000

L22.Temp. prom aire -0.004682 0.000000 -1000991.532 0.000

L23.Conduct -0.003154 NAN NAN NAN

L23.Water -0.005789 NAN NAN NAN

L23.Temp 0.040547 0.000000 15006470.836 0.000

L23.Precip. horaria -0.001192 0.000005 -235.015 0.000

L23.Temp. prom aire 0.003501 0.000000 976377.954 0.000

L24.Conduct -0.012511 NAN NAN NAN

L24.Water -0.000036 NAN NAN NAN

L24.Temp 0.088618 NAN NAN NAN

L24.Precip. horaria -0.000045 NAN NAN NAN

L24.Temp. prom aire 0.104453 0.000000 16920975.816 0.000

L25.Conduct -0.000418 0.000001 -803.614 0.000

L25.Water -0.003507 NAN NAN NAN

L25.Temp -0.027523 0.000000 -15091099.321 0.000

L25.Precip. horaria 0.000023 0.000107 0.217 0.828

L25.Temp. prom aire 0.033337 NAN NAN NAN

L26.Conduct 0.004026 NAN NAN NAN

L26.Water 0.000375 NAN NAN NAN

L26.Temp 0.027652 0.000000 6717303.091 0.000

L26.Precip. horaria 0.000009 NAN NAN NAN

L26.Temp. prom aire 0.023454 NAN NAN NAN

L27.Conduct 0.005685 NAN NAN NAN

L27.Water 0.007904 NAN NAN NAN

L27.Temp 0.090657 0.000000 26201302.345 0.000

L27.Precip. horaria -0.000010 NAN NAN NAN

L27.Temp. prom aire 0.057668 0.000000 10452406.955 0.000

L28.Conduct 0.003123 NAN NAN NAN

L28.Water 0.002557 NAN NAN NAN

L28.Temp -0.024711 0.000000 -6798486.896 0.000

L28.Precip. horaria -0.000036 0.000326 -0.110 0.912

L28.Temp. prom aire -0.007328 0.000000 -530001.517 0.000

L29.Conduct 0.000556 NAN NAN NAN

L29.Water 0.005781 NAN NAN NAN

L29.Temp 0.024404 NAN NAN NAN

L29.Precip. horaria -0.000026 NAN NAN NAN

L29.Temp. prom aire -0.133862 NAN NAN NAN

L30.Conduct -0.006372 0.000000 -55211.872 0.000

L30.Water 0.008815 0.000000 255519.065 0.000

L30.Temp -0.009846 NAN NAN NAN

L30.Precip. horaria -0.000004 NAN NAN NAN

L30.Temp. prom aire 0.037280 NAN NAN NAN

L31.Conduct 0.004044 0.000000 30724.627 0.000

L31.Water 0.004332 NAN NAN NAN

L31.Temp 0.013204 0.000000 2573644.185 0.000

L31.Precip. horaria -0.000013 NAN NAN NAN

L31.Temp. prom aire -0.028015 0.000000 -5377849.851 0.000

L32.Conduct -0.032477 0.000000 -336970.034 0.000

L32.Water -0.025015 NAN NAN NAN

L32.Temp 0.086598 NAN NAN NAN

L32.Precip. horaria -0.000001 NAN NAN NAN

L32.Temp. prom aire 0.031903 0.000000 3699058.582 0.000

L33.Conduct 0.005705 NAN NAN NAN

L33.Water -0.001637 NAN NAN NAN

L33.Temp 0.000164 0.000000 148812.089 0.000

L33.Precip. horaria 0.000050 0.000084 0.598 0.550

L33.Temp. prom aire 0.017483 0.000000 1721367.495 0.000

L34.Conduct -0.022468 NAN NAN NAN

L34.Water -0.032423 NAN NAN NAN

L34.Temp 0.053424 NAN NAN NAN

L34.Precip. horaria 0.000263 NAN NAN NAN

L34.Temp. prom aire -0.006017 NAN NAN NAN

L35.Conduct -0.008766 0.000000 -231849.605 0.000

L35.Water -0.004703 NAN NAN NAN

L35.Temp 0.050959 NAN NAN NAN

L35.Precip. horaria -0.000213 NAN NAN NAN

L35.Temp. prom aire 0.083164 NAN NAN NAN

L36.Conduct 0.000376 NAN NAN NAN

L36.Water 0.009024 NAN NAN NAN

L36.Temp 0.074605 0.000000 7655310.936 0.000

L36.Precip. horaria -0.000799 NAN NAN NAN

L36.Temp. prom aire 0.073630 NAN NAN NAN

L37.Conduct 0.022062 NAN NAN NAN

L37.Water 0.022380 NAN NAN NAN

L37.Temp 0.014762 0.000000 2265269.378 0.000

L37.Precip. horaria 0.001052 NAN NAN NAN

L37.Temp. prom aire 0.039258 0.000000 5206148.280 0.000

L38.Conduct 0.012384 NAN NAN NAN

L38.Water -0.004918 NAN NAN NAN

L38.Temp -0.017677 NAN NAN NAN

L38.Precip. horaria 0.000006 NAN NAN NAN

L38.Temp. prom aire -0.040351 0.000000 -8651514.807 0.000

L39.Conduct -0.001136 0.000000 -34756.937 0.000

L39.Water -0.003636 NAN NAN NAN

L39.Temp 0.021410 NAN NAN NAN

L39.Precip. horaria -0.000157 NAN NAN NAN

L39.Temp. prom aire 0.019031 NAN NAN NAN

L40.Conduct -0.011169 0.000000 -236411.322 0.000

L40.Water 0.017160 NAN NAN NAN

L40.Temp -0.008844 NAN NAN NAN

L40.Precip. horaria -0.000814 0.000005 -156.509 0.000

L40.Temp. prom aire 0.073982 NAN NAN NAN

L41.Conduct -0.016403 NAN NAN NAN

L41.Water 0.006528 NAN NAN NAN

L41.Temp -0.025066 0.000000 -6755815.429 0.000

L41.Precip. horaria -0.001371 NAN NAN NAN

L41.Temp. prom aire -0.085948 0.000000 -9296574.806 0.000

L42.Conduct -0.018992 NAN NAN NAN

L42.Water -0.023184 NAN NAN NAN

L42.Temp 0.092718 0.000000 7894060.079 0.000

L42.Precip. horaria 0.003738 NAN NAN NAN

L42.Temp. prom aire -0.024582 NAN NAN NAN

L43.Conduct -0.049121 NAN NAN NAN

L43.Water -0.089710 NAN NAN NAN

L43.Temp 0.082711 NAN NAN NAN

L43.Precip. horaria -0.000337 0.000001 -525.562 0.000

L43.Temp. prom aire 0.030478 NAN NAN NAN

L44.Conduct -0.010743 NAN NAN NAN

L44.Water -0.065727 0.000000 -3325900.010 0.000

L44.Temp 0.013894 0.000000 9215708.802 0.000

L44.Precip. horaria -0.004226 NAN NAN NAN

L44.Temp. prom aire 0.084116 0.000000 17472806.054 0.000

L45.Conduct -0.011321 0.000000 -600695.279 0.000

L45.Water -0.064515 NAN NAN NAN

L45.Temp -0.034974 NAN NAN NAN

L45.Precip. horaria -0.001160 NAN NAN NAN

L45.Temp. prom aire -0.013378 0.000000 -1368058.980 0.000

L46.Conduct 0.019850 0.000000 858187.439 0.000

L46.Water 0.025443 0.000000 4539855.263 0.000

L46.Temp -0.149035 NAN NAN NAN

L46.Precip. horaria 0.003365 0.000003 1095.423 0.000

L46.Temp. prom aire -0.080264 NAN NAN NAN

L47.Conduct 0.039643 0.000000 1246530.854 0.000

L47.Water 0.114966 NAN NAN NAN

L47.Temp 0.011730 NAN NAN NAN

L47.Precip. horaria 0.003438 NAN NAN NAN

L47.Temp. prom aire -0.069396 0.000000 -3971973.516 0.000

L48.Conduct -0.000091 0.000000 -2596.547 0.000

L48.Water -0.052675 NAN NAN NAN

L48.Temp -0.070944 NAN NAN NAN

L48.Precip. horaria -0.000948 0.000002 -539.813 0.000

L48.Temp. prom aire 0.025980 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000463 0.000000 15612.223 0.000

L1.Conduct -0.017831 NAN NAN NAN

L1.Water -0.009028 NAN NAN NAN

L1.Temp -0.014096 0.000000 -6672112.929 0.000

L1.Precip. horaria -0.001853 NAN NAN NAN

L1.Temp. prom aire -0.018718 NAN NAN NAN

L2.Conduct -0.012217 0.000000 -17989236.365 0.000

L2.Water -0.003774 NAN NAN NAN

L2.Temp 0.013064 NAN NAN NAN

L2.Precip. horaria 0.001544 0.000000 20304.253 0.000

L2.Temp. prom aire 0.010412 NAN NAN NAN

L3.Conduct -0.065593 0.000000 -22874402.038 0.000

L3.Water -0.029329 0.000000 -21038383.398 0.000

L3.Temp 0.016614 0.000000 18231301.348 0.000

L3.Precip. horaria 0.002396 NAN NAN NAN

L3.Temp. prom aire -0.002535 NAN NAN NAN

L4.Conduct 0.034505 NAN NAN NAN

L4.Water 0.019082 0.000000 13605901.794 0.000

L4.Temp 0.020135 NAN NAN NAN

L4.Precip. horaria -0.000305 NAN NAN NAN

L4.Temp. prom aire 0.007050 NAN NAN NAN

L5.Conduct 0.009168 NAN NAN NAN

L5.Water 0.013814 0.000000 11808684.985 0.000

L5.Temp 0.026633 NAN NAN NAN

L5.Precip. horaria -0.000265 NAN NAN NAN

L5.Temp. prom aire -0.009369 NAN NAN NAN

L6.Conduct 0.004144 NAN NAN NAN

L6.Water 0.001111 NAN NAN NAN

L6.Temp 0.045908 NAN NAN NAN

L6.Precip. horaria 0.000731 0.000000 3702.475 0.000

L6.Temp. prom aire 0.054497 NAN NAN NAN

L7.Conduct 0.010500 NAN NAN NAN

L7.Water 0.020200 NAN NAN NAN

L7.Temp 0.010995 NAN NAN NAN

L7.Precip. horaria -0.003140 NAN NAN NAN

L7.Temp. prom aire -0.012489 NAN NAN NAN

L8.Conduct 0.003232 NAN NAN NAN

L8.Water 0.009860 NAN NAN NAN

L8.Temp 0.023835 NAN NAN NAN

L8.Precip. horaria 0.001424 0.000000 6251.662 0.000

L8.Temp. prom aire 0.034706 NAN NAN NAN

L9.Conduct 0.007074 NAN NAN NAN

L9.Water 0.013104 0.000000 31986715.303 0.000

L9.Temp 0.005157 0.000000 18362248.355 0.000

L9.Precip. horaria -0.000575 NAN NAN NAN

L9.Temp. prom aire -0.002957 0.000000 -3511592.770 0.000

L10.Conduct 0.004465 NAN NAN NAN

L10.Water 0.007626 0.000000 1943987.548 0.000

L10.Temp 0.013484 NAN NAN NAN

L10.Precip. horaria 0.000797 NAN NAN NAN

L10.Temp. prom aire 0.012485 NAN NAN NAN

L11.Conduct 0.002987 NAN NAN NAN

L11.Water 0.008602 NAN NAN NAN

L11.Temp 0.009177 0.000000 8871781.418 0.000

L11.Precip. horaria 0.000000 0.000001 0.802 0.423

L11.Temp. prom aire -0.001734 NAN NAN NAN

L12.Conduct 0.001185 0.000000 146758.323 0.000

L12.Water 0.003429 0.000000 1037872.649 0.000

L12.Temp 0.013772 NAN NAN NAN

L12.Precip. horaria 0.000984 NAN NAN NAN

L12.Temp. prom aire 0.015512 NAN NAN NAN

L13.Conduct 0.000745 0.000000 400416.033 0.000

L13.Water 0.005260 NAN NAN NAN

L13.Temp -0.005914 0.000000 -5746162.580 0.000

L13.Precip. horaria -0.001335 NAN NAN NAN

L13.Temp. prom aire 0.001821 NAN NAN NAN

L14.Conduct 0.013503 0.000000 2064518.421 0.000

L14.Water 0.015752 NAN NAN NAN

L14.Temp 0.021013 NAN NAN NAN

L14.Precip. horaria 0.001000 NAN NAN NAN

L14.Temp. prom aire 0.022078 NAN NAN NAN

L15.Conduct 0.007617 NAN NAN NAN

L15.Water 0.007820 NAN NAN NAN

L15.Temp 0.006416 0.000000 7092507.972 0.000

L15.Precip. horaria -0.000366 0.000000 -8681.528 0.000

L15.Temp. prom aire -0.018511 NAN NAN NAN

L16.Conduct 0.018244 0.000000 1601895.752 0.000

L16.Water 0.016346 0.000000 1718361.385 0.000

L16.Temp 0.013528 0.000000 12536552.788 0.000

L16.Precip. horaria 0.000034 0.000001 51.720 0.000

L16.Temp. prom aire 0.006513 NAN NAN NAN

L17.Conduct -0.017854 NAN NAN NAN

L17.Water -0.009980 NAN NAN NAN

L17.Temp 0.000699 0.000000 761601.310 0.000

L17.Precip. horaria -0.000188 0.000000 -1034.046 0.000

L17.Temp. prom aire 0.005088 NAN NAN NAN

L18.Conduct 0.023487 0.000000 3954689.616 0.000

L18.Water 0.020198 NAN NAN NAN

L18.Temp 0.014282 NAN NAN NAN

L18.Precip. horaria 0.000099 NAN NAN NAN

L18.Temp. prom aire -0.024129 NAN NAN NAN

L19.Conduct -0.001188 NAN NAN NAN

L19.Water 0.000932 NAN NAN NAN

L19.Temp -0.010485 NAN NAN NAN

L19.Precip. horaria -0.000086 NAN NAN NAN

L19.Temp. prom aire 0.056106 NAN NAN NAN

L20.Conduct -0.007018 NAN NAN NAN

L20.Water -0.007964 0.000000 -818973.363 0.000

L20.Temp 0.002771 NAN NAN NAN

L20.Precip. horaria 0.000902 NAN NAN NAN

L20.Temp. prom aire -0.012526 0.000000 -23627829.490 0.000

L21.Conduct 0.006164 NAN NAN NAN

L21.Water 0.006715 NAN NAN NAN

L21.Temp 0.010489 0.000000 34274397.252 0.000

L21.Precip. horaria -0.000966 0.000000 -2264.817 0.000

L21.Temp. prom aire 0.013457 NAN NAN NAN

L22.Conduct -0.004207 NAN NAN NAN

L22.Water -0.002604 NAN NAN NAN

L22.Temp 0.024164 NAN NAN NAN

L22.Precip. horaria 0.000731 0.000000 2103.537 0.000

L22.Temp. prom aire 0.012065 0.000000 20303245.601 0.000

L23.Conduct -0.000165 NAN NAN NAN

L23.Water -0.001149 NAN NAN NAN

L23.Temp 0.003600 0.000000 10488854.452 0.000

L23.Precip. horaria -0.000215 0.000001 -333.400 0.000

L23.Temp. prom aire 0.013292 0.000000 29181309.316 0.000

L24.Conduct 0.003293 NAN NAN NAN

L24.Water 0.000656 NAN NAN NAN

L24.Temp 0.006867 NAN NAN NAN

L24.Precip. horaria -0.000047 NAN NAN NAN

L24.Temp. prom aire -0.006012 0.000000 -7666794.493 0.000

L25.Conduct 0.004001 0.000000 60513.478 0.000

L25.Water 0.001771 NAN NAN NAN

L25.Temp 0.012469 0.000000 53815957.790 0.000

L25.Precip. horaria 0.000018 0.000014 1.356 0.175

L25.Temp. prom aire 0.012618 NAN NAN NAN

L26.Conduct 0.003403 NAN NAN NAN

L26.Water 0.001648 NAN NAN NAN

L26.Temp -0.014006 0.000000 -26781790.143 0.000

L26.Precip. horaria -0.000006 NAN NAN NAN

L26.Temp. prom aire 0.011854 NAN NAN NAN

L27.Conduct 0.003534 NAN NAN NAN

L27.Water -0.000968 NAN NAN NAN

L27.Temp -0.028580 0.000000 -65019103.710 0.000

L27.Precip. horaria 0.000013 NAN NAN NAN

L27.Temp. prom aire -0.044914 0.000000 -64079521.193 0.000

L28.Conduct -0.005329 NAN NAN NAN

L28.Water 0.001340 NAN NAN NAN

L28.Temp 0.029348 0.000000 63556852.356 0.000

L28.Precip. horaria -0.000002 0.000041 -0.049 0.961

L28.Temp. prom aire 0.018966 0.000000 10797778.113 0.000

L29.Conduct -0.000843 NAN NAN NAN

L29.Water -0.000293 NAN NAN NAN

L29.Temp -0.006853 NAN NAN NAN

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire 0.009645 NAN NAN NAN

L30.Conduct -0.004016 0.000000 -273904.120 0.000

L30.Water -0.006208 0.000000 -1416611.185 0.000

L30.Temp 0.015288 NAN NAN NAN

L30.Precip. horaria -0.000010 NAN NAN NAN

L30.Temp. prom aire -0.014435 NAN NAN NAN

L31.Conduct 0.005129 0.000000 306727.609 0.000

L31.Water 0.002193 NAN NAN NAN

L31.Temp 0.027955 0.000000 42890755.290 0.000

L31.Precip. horaria 0.000001 NAN NAN NAN

L31.Temp. prom aire 0.038542 0.000000 58238965.520 0.000

L32.Conduct 0.008379 0.000000 684329.088 0.000

L32.Water 0.003092 NAN NAN NAN

L32.Temp -0.014564 NAN NAN NAN

L32.Precip. horaria 0.000012 NAN NAN NAN

L32.Temp. prom aire -0.019124 0.000000 -17454167.979 0.000

L33.Conduct 0.011052 NAN NAN NAN

L33.Water 0.010209 NAN NAN NAN

L33.Temp -0.014895 0.000000 -106084666.231 0.000

L33.Precip. horaria 0.000013 0.000011 1.227 0.220

L33.Temp. prom aire 0.022898 0.000000 17746702.743 0.000

L34.Conduct 0.005725 NAN NAN NAN

L34.Water 0.018508 NAN NAN NAN

L34.Temp -0.013936 NAN NAN NAN

L34.Precip. horaria -0.000147 NAN NAN NAN

L34.Temp. prom aire -0.016764 NAN NAN NAN

L35.Conduct 0.016674 0.000000 3471186.523 0.000

L35.Water 0.028072 NAN NAN NAN

L35.Temp -0.011687 NAN NAN NAN

L35.Precip. horaria 0.000169 NAN NAN NAN

L35.Temp. prom aire -0.001892 NAN NAN NAN

L36.Conduct -0.005697 NAN NAN NAN

L36.Water 0.008345 NAN NAN NAN

L36.Temp 0.030033 0.000000 24258252.933 0.000

L36.Precip. horaria 0.000135 NAN NAN NAN

L36.Temp. prom aire -0.003421 NAN NAN NAN

L37.Conduct 0.005588 NAN NAN NAN

L37.Water 0.013948 NAN NAN NAN

L37.Temp 0.009400 0.000000 11354802.205 0.000

L37.Precip. horaria -0.000101 NAN NAN NAN

L37.Temp. prom aire 0.012353 0.000000 12894671.885 0.000

L38.Conduct -0.000995 NAN NAN NAN

L38.Water 0.007414 NAN NAN NAN

L38.Temp 0.034965 NAN NAN NAN

L38.Precip. horaria -0.000053 NAN NAN NAN

L38.Temp. prom aire 0.025607 0.000000 43216660.499 0.000

L39.Conduct 0.002166 0.000000 521447.421 0.000

L39.Water 0.009925 NAN NAN NAN

L39.Temp -0.000769 NAN NAN NAN

L39.Precip. horaria -0.000075 NAN NAN NAN

L39.Temp. prom aire 0.007128 NAN NAN NAN

L40.Conduct 0.002825 0.000000 470710.398 0.000

L40.Water 0.009329 NAN NAN NAN

L40.Temp 0.016137 NAN NAN NAN

L40.Precip. horaria 0.000210 0.000001 317.842 0.000

L40.Temp. prom aire 0.010625 NAN NAN NAN

L41.Conduct 0.003510 NAN NAN NAN

L41.Water 0.003242 NAN NAN NAN

L41.Temp 0.006889 0.000000 14615759.443 0.000

L41.Precip. horaria 0.000605 NAN NAN NAN

L41.Temp. prom aire -0.007985 0.000000 -6798814.945 0.000

L42.Conduct -0.002085 NAN NAN NAN

L42.Water -0.001062 NAN NAN NAN

L42.Temp 0.021435 0.000000 14365710.192 0.000

L42.Precip. horaria -0.000705 NAN NAN NAN

L42.Temp. prom aire 0.017105 NAN NAN NAN

L43.Conduct 0.001544 NAN NAN NAN

L43.Water -0.002715 NAN NAN NAN

L43.Temp 0.014776 NAN NAN NAN

L43.Precip. horaria -0.000268 0.000000 -3284.832 0.000

L43.Temp. prom aire 0.003632 NAN NAN NAN

L44.Conduct -0.000950 NAN NAN NAN

L44.Water 0.005066 0.000000 2017975.453 0.000

L44.Temp -0.002504 0.000000 -13073467.659 0.000

L44.Precip. horaria 0.001245 NAN NAN NAN

L44.Temp. prom aire -0.002580 0.000000 -4218234.785 0.000

L45.Conduct 0.005982 0.000000 2498556.314 0.000

L45.Water 0.026412 NAN NAN NAN

L45.Temp 0.028409 NAN NAN NAN

L45.Precip. horaria 0.000200 NAN NAN NAN

L45.Temp. prom aire 0.006431 0.000000 5176263.961 0.000

L46.Conduct 0.003255 0.000000 1107555.315 0.000

L46.Water -0.000783 0.000000 -1100222.501 0.000

L46.Temp 0.007545 NAN NAN NAN

L46.Precip. horaria 0.000815 0.000000 2089.855 0.000

L46.Temp. prom aire 0.007084 NAN NAN NAN

L47.Conduct -0.011878 0.000000 -2939977.973 0.000

L47.Water -0.041927 NAN NAN NAN

L47.Temp 0.019729 NAN NAN NAN

L47.Precip. horaria 0.000080 NAN NAN NAN

L47.Temp. prom aire 0.002810 0.000000 1266048.818 0.000

L48.Conduct -0.011145 0.000000 -2500881.658 0.000

L48.Water -0.005139 NAN NAN NAN

L48.Temp 0.026979 NAN NAN NAN

L48.Precip. horaria -0.001841 0.000000 -8255.962 0.000

L48.Temp. prom aire 0.034169 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000002 0.000000 555.864 0.000

L1.Conduct -0.001723 NAN NAN NAN

L1.Water -0.000159 NAN NAN NAN

L1.Temp -0.002998 0.000000 -12133916.773 0.000

L1.Precip. horaria -0.000127 NAN NAN NAN

L1.Temp. prom aire -0.003572 NAN NAN NAN

L2.Conduct 0.001705 0.000000 21474200.611 0.000

L2.Water 0.003966 NAN NAN NAN

L2.Temp 0.001430 NAN NAN NAN

L2.Precip. horaria -0.000183 0.000000 -20565.018 0.000

L2.Temp. prom aire 0.002805 NAN NAN NAN

L3.Conduct 0.000122 0.000000 362763.476 0.000

L3.Water 0.000747 0.000000 4585180.165 0.000

L3.Temp -0.000243 0.000000 -2279422.654 0.000

L3.Precip. horaria -0.000256 NAN NAN NAN

L3.Temp. prom aire 0.001855 NAN NAN NAN

L4.Conduct 0.006927 NAN NAN NAN

L4.Water 0.002150 0.000000 13111158.355 0.000

L4.Temp -0.000441 NAN NAN NAN

L4.Precip. horaria 0.000025 NAN NAN NAN

L4.Temp. prom aire -0.002014 NAN NAN NAN

L5.Conduct -0.006230 NAN NAN NAN

L5.Water -0.006892 0.000000 -50382589.708 0.000

L5.Temp 0.000349 NAN NAN NAN

L5.Precip. horaria -0.000051 NAN NAN NAN

L5.Temp. prom aire -0.002007 NAN NAN NAN

L6.Conduct -0.001967 NAN NAN NAN

L6.Water -0.002804 NAN NAN NAN

L6.Temp 0.001202 NAN NAN NAN

L6.Precip. horaria -0.000104 0.000000 -4506.384 0.000

L6.Temp. prom aire 0.002281 NAN NAN NAN

L7.Conduct 0.004348 NAN NAN NAN

L7.Water 0.004375 NAN NAN NAN

L7.Temp -0.001855 NAN NAN NAN

L7.Precip. horaria -0.000236 NAN NAN NAN

L7.Temp. prom aire -0.001846 NAN NAN NAN

L8.Conduct -0.001957 NAN NAN NAN

L8.Water -0.000639 NAN NAN NAN

L8.Temp 0.000244 NAN NAN NAN

L8.Precip. horaria 0.000502 0.000000 18848.419 0.000

L8.Temp. prom aire 0.002419 NAN NAN NAN

L9.Conduct -0.006417 NAN NAN NAN

L9.Water -0.004065 0.000000 -84857909.168 0.000

L9.Temp -0.000319 0.000000 -9716539.654 0.000

L9.Precip. horaria 0.000178 NAN NAN NAN

L9.Temp. prom aire 0.000080 0.000000 810090.019 0.000

L10.Conduct -0.003025 NAN NAN NAN

L10.Water -0.001647 0.000000 -3590584.038 0.000

L10.Temp -0.002632 NAN NAN NAN

L10.Precip. horaria -0.000255 NAN NAN NAN

L10.Temp. prom aire -0.004694 NAN NAN NAN

L11.Conduct 0.006083 NAN NAN NAN

L11.Water 0.004077 NAN NAN NAN

L11.Temp 0.001622 0.000000 13409790.719 0.000

L11.Precip. horaria 0.000151 0.000000 2496.324 0.000

L11.Temp. prom aire 0.000332 NAN NAN NAN

L12.Conduct 0.005926 0.000000 6277211.479 0.000

L12.Water 0.002257 0.000000 5843035.276 0.000

L12.Temp 0.000765 NAN NAN NAN

L12.Precip. horaria -0.000046 NAN NAN NAN

L12.Temp. prom aire 0.000212 NAN NAN NAN

L13.Conduct 0.003566 0.000000 16399913.240 0.000

L13.Water 0.001776 NAN NAN NAN

L13.Temp 0.001630 0.000000 13541417.137 0.000

L13.Precip. horaria -0.000219 NAN NAN NAN

L13.Temp. prom aire 0.001558 NAN NAN NAN

L14.Conduct -0.006542 0.000000 -8554070.759 0.000

L14.Water -0.003671 NAN NAN NAN

L14.Temp 0.000893 NAN NAN NAN

L14.Precip. horaria -0.000140 NAN NAN NAN

L14.Temp. prom aire 0.004568 NAN NAN NAN

L15.Conduct 0.001641 NAN NAN NAN

L15.Water 0.002249 NAN NAN NAN

L15.Temp -0.004354 0.000000 -41161209.774 0.000

L15.Precip. horaria 0.000016 0.000000 3163.211 0.000

L15.Temp. prom aire -0.001404 NAN NAN NAN

L16.Conduct -0.000998 0.000000 -749678.494 0.000

L16.Water -0.000384 0.000000 -344828.150 0.000

L16.Temp -0.002009 0.000000 -15924898.006 0.000

L16.Precip. horaria 0.000158 0.000000 2079.311 0.000

L16.Temp. prom aire -0.005472 NAN NAN NAN

L17.Conduct -0.003268 NAN NAN NAN

L17.Water -0.003590 NAN NAN NAN

L17.Temp 0.001502 0.000000 14000361.140 0.000

L17.Precip. horaria 0.000304 0.000000 14289.907 0.000

L17.Temp. prom aire 0.003050 NAN NAN NAN

L18.Conduct 0.001510 0.000000 2173854.127 0.000

L18.Water 0.000632 NAN NAN NAN

L18.Temp 0.000031 NAN NAN NAN

L18.Precip. horaria -0.000205 NAN NAN NAN

L18.Temp. prom aire -0.002542 NAN NAN NAN

L19.Conduct -0.001091 NAN NAN NAN

L19.Water -0.001439 NAN NAN NAN

L19.Temp 0.000138 NAN NAN NAN

L19.Precip. horaria 0.000030 NAN NAN NAN

L19.Temp. prom aire 0.006020 NAN NAN NAN

L20.Conduct -0.000474 NAN NAN NAN

L20.Water -0.000368 0.000000 -323265.663 0.000

L20.Temp 0.001874 NAN NAN NAN

L20.Precip. horaria -0.000080 NAN NAN NAN

L20.Temp. prom aire -0.006083 0.000000 -98134174.445 0.000

L21.Conduct 0.000633 NAN NAN NAN

L21.Water 0.000895 NAN NAN NAN

L21.Temp 0.001242 0.000000 34717541.862 0.000

L21.Precip. horaria -0.000060 0.000000 -1210.948 0.000

L21.Temp. prom aire 0.003124 NAN NAN NAN

L22.Conduct 0.000120 NAN NAN NAN

L22.Water 0.000145 NAN NAN NAN

L22.Temp -0.000169 NAN NAN NAN

L22.Precip. horaria 0.000055 0.000000 1348.863 0.000

L22.Temp. prom aire -0.000245 0.000000 -3528441.207 0.000

L23.Conduct 0.000090 NAN NAN NAN

L23.Water 0.000004 NAN NAN NAN

L23.Temp 0.000192 0.000000 4789175.267 0.000

L23.Precip. horaria 0.000000 0.000000 4.417 0.000

L23.Temp. prom aire -0.000451 0.000000 -8472698.414 0.000

L24.Conduct -0.000027 NAN NAN NAN

L24.Water 0.000102 NAN NAN NAN

L24.Temp 0.001089 NAN NAN NAN

L24.Precip. horaria -0.000003 NAN NAN NAN

L24.Temp. prom aire -0.001654 0.000000 -18041081.959 0.000

L25.Conduct 0.000041 0.000000 5259.182 0.000

L25.Water -0.000119 NAN NAN NAN

L25.Temp -0.001699 0.000000 -62722773.805 0.000

L25.Precip. horaria 0.000006 0.000002 3.483 0.000

L25.Temp. prom aire 0.000806 NAN NAN NAN

L26.Conduct -0.000057 NAN NAN NAN

L26.Water -0.000099 NAN NAN NAN

L26.Temp -0.000897 0.000000 -14674328.961 0.000

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire 0.001827 NAN NAN NAN

L27.Conduct -0.000149 NAN NAN NAN

L27.Water -0.000030 NAN NAN NAN

L27.Temp 0.001603 0.000000 31185014.946 0.000

L27.Precip. horaria -0.000000 NAN NAN NAN

L27.Temp. prom aire 0.001247 0.000000 15210371.610 0.000

L28.Conduct -0.000416 NAN NAN NAN

L28.Water 0.000099 NAN NAN NAN

L28.Temp 0.002087 0.000000 38648001.496 0.000

L28.Precip. horaria 0.000000 0.000005 0.056 0.955

L28.Temp. prom aire 0.004346 0.000000 21161608.280 0.000

L29.Conduct 0.000307 NAN NAN NAN

L29.Water -0.000012 NAN NAN NAN

L29.Temp -0.000740 NAN NAN NAN

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire -0.007118 NAN NAN NAN

L30.Conduct 0.000223 0.000000 129801.403 0.000

L30.Water 0.000191 0.000000 371756.927 0.000

L30.Temp 0.001468 NAN NAN NAN

L30.Precip. horaria -0.000002 NAN NAN NAN

L30.Temp. prom aire 0.001438 NAN NAN NAN

L31.Conduct 0.000501 0.000000 256081.805 0.000

L31.Water 0.000611 NAN NAN NAN

L31.Temp 0.001481 0.000000 19429462.389 0.000

L31.Precip. horaria -0.000002 NAN NAN NAN

L31.Temp. prom aire 0.001147 0.000000 14818652.505 0.000

L32.Conduct 0.000008 0.000000 5668.340 0.000

L32.Water 0.000039 NAN NAN NAN

L32.Temp -0.003765 NAN NAN NAN

L32.Precip. horaria 0.000000 NAN NAN NAN

L32.Temp. prom aire -0.000640 0.000000 -4996415.201 0.000

L33.Conduct 0.000442 NAN NAN NAN

L33.Water 0.000505 NAN NAN NAN

L33.Temp -0.002016 0.000000 -122797216.573 0.000

L33.Precip. horaria 0.000002 0.000001 2.012 0.044

L33.Temp. prom aire -0.000721 0.000000 -4781498.468 0.000

L34.Conduct -0.000893 NAN NAN NAN

L34.Water -0.000282 NAN NAN NAN

L34.Temp 0.001188 NAN NAN NAN

L34.Precip. horaria 0.000006 NAN NAN NAN

L34.Temp. prom aire -0.002157 NAN NAN NAN

L35.Conduct -0.000350 0.000000 -623212.923 0.000

L35.Water -0.000174 NAN NAN NAN

L35.Temp 0.002664 NAN NAN NAN

L35.Precip. horaria 0.000000 NAN NAN NAN

L35.Temp. prom aire 0.001651 NAN NAN NAN

L36.Conduct -0.001771 NAN NAN NAN

L36.Water -0.001528 NAN NAN NAN

L36.Temp 0.004306 0.000000 29744882.968 0.000

L36.Precip. horaria -0.000010 NAN NAN NAN

L36.Temp. prom aire 0.002232 NAN NAN NAN

L37.Conduct 0.000819 NAN NAN NAN

L37.Water 0.000235 NAN NAN NAN

L37.Temp -0.000366 0.000000 -3785988.297 0.000

L37.Precip. horaria 0.000009 NAN NAN NAN

L37.Temp. prom aire 0.002731 0.000000 24376829.508 0.000

L38.Conduct 0.000382 NAN NAN NAN

L38.Water -0.000902 NAN NAN NAN

L38.Temp 0.000394 NAN NAN NAN

L38.Precip. horaria -0.000003 NAN NAN NAN

L38.Temp. prom aire -0.001332 0.000000 -19223590.317 0.000

L39.Conduct 0.000710 0.000000 1461761.067 0.000

L39.Water 0.000358 NAN NAN NAN

L39.Temp -0.000762 NAN NAN NAN

L39.Precip. horaria 0.000003 NAN NAN NAN

L39.Temp. prom aire 0.000988 NAN NAN NAN

L40.Conduct 0.000855 0.000000 1218758.162 0.000

L40.Water 0.001146 NAN NAN NAN

L40.Temp -0.002906 NAN NAN NAN

L40.Precip. horaria -0.000018 0.000000 -227.468 0.000

L40.Temp. prom aire 0.000658 NAN NAN NAN

L41.Conduct 0.000190 NAN NAN NAN

L41.Water 0.000654 NAN NAN NAN

L41.Temp -0.004004 0.000000 -72650099.505 0.000

L41.Precip. horaria 0.000022 NAN NAN NAN

L41.Temp. prom aire -0.005606 0.000000 -40819791.879 0.000

L42.Conduct -0.000990 NAN NAN NAN

L42.Water 0.000024 NAN NAN NAN

L42.Temp 0.003409 0.000000 19538896.160 0.000

L42.Precip. horaria 0.000014 NAN NAN NAN

L42.Temp. prom aire 0.001245 NAN NAN NAN

L43.Conduct -0.001117 NAN NAN NAN

L43.Water -0.000854 NAN NAN NAN

L43.Temp 0.002333 NAN NAN NAN

L43.Precip. horaria -0.000019 0.000000 -1977.088 0.000

L43.Temp. prom aire 0.000826 NAN NAN NAN

L44.Conduct -0.000018 NAN NAN NAN

L44.Water -0.000378 0.000000 -1288215.100 0.000

L44.Temp 0.002352 0.000000 105001128.855 0.000

L44.Precip. horaria -0.000001 NAN NAN NAN

L44.Temp. prom aire 0.001607 0.000000 22477610.877 0.000

L45.Conduct -0.000554 0.000000 -1979930.165 0.000

L45.Water -0.001825 NAN NAN NAN

L45.Temp 0.002193 NAN NAN NAN

L45.Precip. horaria -0.000048 NAN NAN NAN

L45.Temp. prom aire 0.000623 0.000000 4287285.027 0.000

L46.Conduct 0.000840 0.000000 2443320.536 0.000

L46.Water -0.001102 0.000000 -13239524.571 0.000

L46.Temp -0.004606 NAN NAN NAN

L46.Precip. horaria 0.000098 0.000000 2140.210 0.000

L46.Temp. prom aire 0.000014 NAN NAN NAN

L47.Conduct -0.000224 0.000000 -473950.851 0.000

L47.Water -0.000442 NAN NAN NAN

L47.Temp -0.000156 NAN NAN NAN

L47.Precip. horaria -0.000077 NAN NAN NAN

L47.Temp. prom aire -0.000147 0.000000 -566459.481 0.000

L48.Conduct 0.001269 0.000000 2435558.175 0.000

L48.Water 0.001072 NAN NAN NAN

L48.Temp -0.003110 NAN NAN NAN

L48.Precip. horaria -0.000136 0.000000 -5226.372 0.000

L48.Temp. prom aire 0.000197 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000377 0.000000 8338.790 0.000

L1.Conduct -0.021957 NAN NAN NAN

L1.Water 0.008515 NAN NAN NAN

L1.Temp -0.066271 0.000000 -20582361.508 0.000

L1.Precip. horaria -0.005568 NAN NAN NAN

L1.Temp. prom aire -0.065081 NAN NAN NAN

L2.Conduct -0.017236 0.000000 -16652917.563 0.000

L2.Water -0.009043 NAN NAN NAN

L2.Temp -0.006690 NAN NAN NAN

L2.Precip. horaria 0.003908 0.000000 33720.229 0.000

L2.Temp. prom aire 0.004435 NAN NAN NAN

L3.Conduct -0.085494 0.000000 -19562828.169 0.000

L3.Water -0.044871 0.000000 -21119454.621 0.000

L3.Temp 0.000721 0.000000 518897.272 0.000

L3.Precip. horaria 0.002330 NAN NAN NAN

L3.Temp. prom aire -0.040647 NAN NAN NAN

L4.Conduct 0.092139 NAN NAN NAN

L4.Water 0.044203 0.000000 20681042.192 0.000

L4.Temp 0.027088 NAN NAN NAN

L4.Precip. horaria 0.000409 NAN NAN NAN

L4.Temp. prom aire 0.014049 NAN NAN NAN

L5.Conduct -0.018259 NAN NAN NAN

L5.Water -0.027228 0.000000 -15272174.115 0.000

L5.Temp 0.031616 NAN NAN NAN

L5.Precip. horaria -0.003141 NAN NAN NAN

L5.Temp. prom aire -0.016117 NAN NAN NAN

L6.Conduct -0.030875 NAN NAN NAN

L6.Water -0.025958 NAN NAN NAN

L6.Temp 0.059941 NAN NAN NAN

L6.Precip. horaria 0.002305 0.000000 7663.284 0.000

L6.Temp. prom aire 0.101285 NAN NAN NAN

L7.Conduct -0.031293 NAN NAN NAN

L7.Water 0.003552 NAN NAN NAN

L7.Temp -0.021893 NAN NAN NAN

L7.Precip. horaria -0.005270 NAN NAN NAN

L7.Temp. prom aire -0.071281 NAN NAN NAN

L8.Conduct -0.004319 NAN NAN NAN

L8.Water 0.008262 NAN NAN NAN

L8.Temp 0.032361 NAN NAN NAN

L8.Precip. horaria 0.005381 0.000000 15501.700 0.000

L8.Temp. prom aire 0.051135 NAN NAN NAN

L9.Conduct 0.019048 NAN NAN NAN

L9.Water 0.015514 0.000000 24849438.128 0.000

L9.Temp -0.005920 0.000000 -13831466.321 0.000

L9.Precip. horaria -0.000794 NAN NAN NAN

L9.Temp. prom aire -0.034834 0.000000 -27143374.469 0.000

L10.Conduct 0.050972 NAN NAN NAN

L10.Water 0.031609 0.000000 5287222.908 0.000

L10.Temp 0.032226 NAN NAN NAN

L10.Precip. horaria 0.000657 NAN NAN NAN

L10.Temp. prom aire 0.028772 NAN NAN NAN

L11.Conduct 0.002271 NAN NAN NAN

L11.Water 0.008216 NAN NAN NAN

L11.Temp 0.012916 0.000000 8193543.157 0.000

L11.Precip. horaria -0.002073 0.000001 -2636.921 0.000

L11.Temp. prom aire 0.003124 NAN NAN NAN

L12.Conduct 0.019023 0.000000 1546111.409 0.000

L12.Water 0.019364 0.000000 3845817.984 0.000

L12.Temp 0.013979 NAN NAN NAN

L12.Precip. horaria 0.001217 NAN NAN NAN

L12.Temp. prom aire 0.021166 NAN NAN NAN

L13.Conduct -0.007687 0.000000 -2712556.781 0.000

L13.Water 0.002339 NAN NAN NAN

L13.Temp -0.043031 0.000000 -27433299.416 0.000

L13.Precip. horaria -0.002468 NAN NAN NAN

L13.Temp. prom aire 0.032752 NAN NAN NAN

L14.Conduct 0.012204 0.000000 1224400.710 0.000

L14.Water 0.015029 NAN NAN NAN

L14.Temp 0.014982 NAN NAN NAN

L14.Precip. horaria 0.001917 NAN NAN NAN

L14.Temp. prom aire -0.002143 NAN NAN NAN

L15.Conduct 0.015596 NAN NAN NAN

L15.Water 0.013859 NAN NAN NAN

L15.Temp 0.006977 0.000000 5060991.272 0.000

L15.Precip. horaria 0.000179 0.000000 2786.941 0.000

L15.Temp. prom aire -0.018200 NAN NAN NAN

L16.Conduct 0.014886 0.000000 857611.765 0.000

L16.Water 0.006839 0.000000 471733.872 0.000

L16.Temp 0.006445 0.000000 3918850.166 0.000

L16.Precip. horaria 0.000857 0.000001 865.917 0.000

L16.Temp. prom aire -0.020142 NAN NAN NAN

L17.Conduct -0.044100 NAN NAN NAN

L17.Water -0.030774 NAN NAN NAN

L17.Temp -0.004286 0.000000 -3064794.519 0.000

L17.Precip. horaria -0.000814 0.000000 -2941.695 0.000

L17.Temp. prom aire -0.002234 NAN NAN NAN

L18.Conduct 0.007895 0.000000 872248.631 0.000

L18.Water 0.011300 NAN NAN NAN

L18.Temp 0.026913 NAN NAN NAN

L18.Precip. horaria -0.000010 NAN NAN NAN

L18.Temp. prom aire -0.031977 NAN NAN NAN

L19.Conduct 0.022061 NAN NAN NAN

L19.Water 0.017491 NAN NAN NAN

L19.Temp -0.028915 NAN NAN NAN

L19.Precip. horaria -0.000128 NAN NAN NAN

L19.Temp. prom aire 0.089417 NAN NAN NAN

L20.Conduct -0.014166 NAN NAN NAN

L20.Water -0.017018 0.000000 -1148254.965 0.000

L20.Temp 0.006982 NAN NAN NAN

L20.Precip. horaria 0.001508 NAN NAN NAN

L20.Temp. prom aire -0.042218 0.000000 -52255062.481 0.000

L21.Conduct -0.001452 NAN NAN NAN

L21.Water -0.000871 NAN NAN NAN

L21.Temp 0.027040 0.000000 57978289.816 0.000

L21.Precip. horaria -0.001354 0.000001 -2082.594 0.000

L21.Temp. prom aire 0.001678 NAN NAN NAN

L22.Conduct -0.004206 NAN NAN NAN

L22.Water 0.004691 NAN NAN NAN

L22.Temp 0.058457 NAN NAN NAN

L22.Precip. horaria -0.000097 0.000001 -182.750 0.000

L22.Temp. prom aire 0.023231 0.000000 25650196.465 0.000

L23.Conduct -0.001321 NAN NAN NAN

L23.Water -0.002947 NAN NAN NAN

L23.Temp -0.009849 0.000000 -18825916.470 0.000

L23.Precip. horaria 0.000352 0.000001 358.249 0.000

L23.Temp. prom aire 0.038055 0.000000 54820505.961 0.000

L24.Conduct 0.004367 NAN NAN NAN

L24.Water -0.000311 NAN NAN NAN

L24.Temp 0.011294 NAN NAN NAN

L24.Precip. horaria -0.000073 NAN NAN NAN

L24.Temp. prom aire -0.010625 0.000000 -8890170.340 0.000

L25.Conduct 0.006487 0.000000 64385.344 0.000

L25.Water 0.002789 NAN NAN NAN

L25.Temp 0.032671 0.000000 92524731.048 0.000

L25.Precip. horaria 0.000052 0.000021 2.509 0.012

L25.Temp. prom aire 0.066150 NAN NAN NAN

L26.Conduct 0.004399 NAN NAN NAN

L26.Water 0.000742 NAN NAN NAN

L26.Temp -0.029582 0.000000 -37116521.095 0.000

L26.Precip. horaria -0.000004 NAN NAN NAN

L26.Temp. prom aire -0.011367 NAN NAN NAN

L27.Conduct 0.003702 NAN NAN NAN

L27.Water -0.002801 NAN NAN NAN

L27.Temp -0.036162 0.000000 -53981755.850 0.000

L27.Precip. horaria 0.000016 NAN NAN NAN

L27.Temp. prom aire -0.055926 0.000000 -52355849.123 0.000

L28.Conduct -0.015746 NAN NAN NAN

L28.Water 0.000202 NAN NAN NAN

L28.Temp 0.054200 0.000000 77016241.137 0.000

L28.Precip. horaria -0.000028 0.000063 -0.449 0.654

L28.Temp. prom aire 0.010114 0.000000 3778213.391 0.000

L29.Conduct -0.000051 NAN NAN NAN

L29.Water -0.001366 NAN NAN NAN

L29.Temp -0.011925 NAN NAN NAN

L29.Precip. horaria -0.000011 NAN NAN NAN

L29.Temp. prom aire 0.023691 NAN NAN NAN

L30.Conduct -0.016472 0.000000 -737205.572 0.000

L30.Water -0.022905 0.000000 -3429362.897 0.000

L30.Temp 0.040059 NAN NAN NAN

L30.Precip. horaria -0.000039 NAN NAN NAN

L30.Temp. prom aire -0.031999 NAN NAN NAN

L31.Conduct 0.009508 0.000000 373074.543 0.000

L31.Water -0.004084 NAN NAN NAN

L31.Temp 0.030112 0.000000 30314458.981 0.000

L31.Precip. horaria 0.000027 NAN NAN NAN

L31.Temp. prom aire 0.054825 0.000000 54358058.340 0.000

L32.Conduct 0.002840 0.000000 152203.597 0.000

L32.Water -0.014124 NAN NAN NAN

L32.Temp -0.023476 NAN NAN NAN

L32.Precip. horaria 0.000024 NAN NAN NAN

L32.Temp. prom aire -0.042788 0.000000 -25623603.889 0.000

L33.Conduct 0.006870 NAN NAN NAN

L33.Water 0.000521 NAN NAN NAN

L33.Temp -0.034120 0.000000 -159449300.309 0.000

L33.Precip. horaria 0.000046 0.000016 2.819 0.005

L33.Temp. prom aire 0.018466 0.000000 9390812.963 0.000

L34.Conduct -0.002204 NAN NAN NAN

L34.Water 0.016722 NAN NAN NAN

L34.Temp -0.008419 NAN NAN NAN

L34.Precip. horaria -0.000533 NAN NAN NAN

L34.Temp. prom aire 0.010233 NAN NAN NAN

L35.Conduct 0.024515 0.000000 3348809.246 0.000

L35.Water 0.032971 NAN NAN NAN

L35.Temp -0.011825 NAN NAN NAN

L35.Precip. horaria 0.000512 NAN NAN NAN

L35.Temp. prom aire -0.023283 NAN NAN NAN

L36.Conduct -0.013279 NAN NAN NAN

L36.Water -0.003427 NAN NAN NAN

L36.Temp 0.070783 0.000000 37513897.348 0.000

L36.Precip. horaria 0.000202 NAN NAN NAN

L36.Temp. prom aire 0.008202 NAN NAN NAN

L37.Conduct 0.013504 NAN NAN NAN

L37.Water 0.010765 NAN NAN NAN

L37.Temp -0.001591 0.000000 -1261055.086 0.000

L37.Precip. horaria -0.000303 NAN NAN NAN

L37.Temp. prom aire 0.031165 0.000000 21346183.897 0.000

L38.Conduct 0.001446 NAN NAN NAN

L38.Water 0.011537 NAN NAN NAN

L38.Temp 0.013874 NAN NAN NAN

L38.Precip. horaria -0.000183 NAN NAN NAN

L38.Temp. prom aire 0.034200 0.000000 37873561.861 0.000

L39.Conduct 0.007670 0.000000 1211693.406 0.000

L39.Water 0.028690 NAN NAN NAN

L39.Temp -0.022837 NAN NAN NAN

L39.Precip. horaria -0.000830 NAN NAN NAN

L39.Temp. prom aire 0.002428 NAN NAN NAN

L40.Conduct 0.004053 0.000000 443080.925 0.000

L40.Water 0.025450 NAN NAN NAN

L40.Temp 0.009682 NAN NAN NAN

L40.Precip. horaria 0.001144 0.000001 1135.946 0.000

L40.Temp. prom aire -0.007786 NAN NAN NAN

L41.Conduct -0.001617 NAN NAN NAN

L41.Water -0.002258 NAN NAN NAN

L41.Temp 0.022062 0.000000 30711908.767 0.000

L41.Precip. horaria 0.001111 NAN NAN NAN

L41.Temp. prom aire -0.024605 0.000000 -13745922.979 0.000

L42.Conduct -0.017353 NAN NAN NAN

L42.Water -0.019553 NAN NAN NAN

L42.Temp 0.051732 0.000000 22749020.474 0.000

L42.Precip. horaria -0.002343 NAN NAN NAN

L42.Temp. prom aire 0.038577 NAN NAN NAN

L43.Conduct -0.002107 NAN NAN NAN

L43.Water -0.015570 NAN NAN NAN

L43.Temp 0.024976 NAN NAN NAN

L43.Precip. horaria -0.001043 0.000000 -8395.043 0.000

L43.Temp. prom aire 0.022898 NAN NAN NAN

L44.Conduct -0.012653 NAN NAN NAN

L44.Water 0.005920 0.000000 1547219.355 0.000

L44.Temp -0.034991 0.000000 -119875358.214 0.000

L44.Precip. horaria 0.002298 NAN NAN NAN

L44.Temp. prom aire -0.006404 0.000000 -6870288.627 0.000

L45.Conduct 0.021109 0.000000 5784746.568 0.000

L45.Water 0.087413 NAN NAN NAN

L45.Temp 0.020720 NAN NAN NAN

L45.Precip. horaria 0.001519 NAN NAN NAN

L45.Temp. prom aire -0.032267 0.000000 -17042246.133 0.000

L46.Conduct -0.003851 0.000000 -859831.797 0.000

L46.Water -0.005112 0.000000 -4710818.829 0.000

L46.Temp 0.005531 NAN NAN NAN

L46.Precip. horaria 0.001815 0.000001 3052.412 0.000

L46.Temp. prom aire 0.012010 NAN NAN NAN

L47.Conduct -0.042642 0.000000 -6925388.820 0.000

L47.Water -0.090084 NAN NAN NAN

L47.Temp 0.009333 NAN NAN NAN

L47.Precip. horaria -0.000015 NAN NAN NAN

L47.Temp. prom aire -0.014599 0.000000 -4315816.873 0.000

L48.Conduct -0.047811 0.000000 -7039745.654 0.000

L48.Water 0.029514 NAN NAN NAN

L48.Temp 0.036669 NAN NAN NAN

L48.Precip. horaria -0.004556 0.000000 -13404.389 0.000

L48.Temp. prom aire 0.066407 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.939660 -0.224684 0.861487 0.427886

Water 0.939660 1.000000 -0.130179 0.933907 0.433490

Temp -0.224684 -0.130179 1.000000 -0.111057 0.546364

Precip. horaria 0.861487 0.933907 -0.111057 1.000000 0.462554

Temp. prom aire 0.427886 0.433490 0.546364 0.462554 1.000000

1. Sensor Este Bajo (A840411A1184396F):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -154.415

Nobs: 23.0000 HQIC: -198.943

Log likelihood: 3501.72 FPE: -1.02718e-138

AIC: -213.905 Det(Omega\_mle): -5.15546e-144

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000606 0.000000 18363.594 0.000

L1.Conduct -0.017766 NAN NAN NAN

L1.Water -0.013498 NAN NAN NAN

L1.Temp -0.005082 NAN NAN NAN

L1.Precip. horaria 0.000184 NAN NAN NAN

L1.Temp. prom aire -0.003647 0.000000 -463530.717 0.000

L2.Conduct -0.050719 NAN NAN NAN

L2.Water -0.005348 0.000000 -2158670.852 0.000

L2.Temp 0.016938 NAN NAN NAN

L2.Precip. horaria -0.002034 NAN NAN NAN

L2.Temp. prom aire 0.014851 NAN NAN NAN

L3.Conduct 0.053532 NAN NAN NAN

L3.Water 0.027393 0.000000 7452184.088 0.000

L3.Temp 0.004535 0.000000 1633887.454 0.000

L3.Precip. horaria -0.000254 0.000000 -572.060 0.000

L3.Temp. prom aire -0.002136 0.000000 -308368.239 0.000

L4.Conduct -0.019314 0.000000 -6175792.140 0.000

L4.Water 0.029309 0.000000 4512504.426 0.000

L4.Temp 0.018569 NAN NAN NAN

L4.Precip. horaria 0.002216 0.000001 2839.330 0.000

L4.Temp. prom aire 0.015534 0.000000 1496243.499 0.000

L5.Conduct 0.040616 0.000000 12628050.867 0.000

L5.Water 0.004878 0.000000 717636.121 0.000

L5.Temp 0.010760 0.000000 2965689.333 0.000

L5.Precip. horaria -0.000197 0.000001 -223.139 0.000

L5.Temp. prom aire -0.005956 0.000000 -727955.951 0.000

L6.Conduct -0.016390 NAN NAN NAN

L6.Water -0.007166 NAN NAN NAN

L6.Temp 0.020548 0.000000 2909701.193 0.000

L6.Precip. horaria -0.000825 NAN NAN NAN

L6.Temp. prom aire 0.029267 0.000000 5273637.801 0.000

L7.Conduct 0.105182 NAN NAN NAN

L7.Water 0.018454 NAN NAN NAN

L7.Temp 0.009820 0.000000 5979205.870 0.000

L7.Precip. horaria -0.002541 0.000000 -18469.025 0.000

L7.Temp. prom aire 0.000254 0.000000 161898.504 0.000

L8.Conduct -0.024055 0.000000 -27055808.833 0.000

L8.Water 0.006579 0.000000 886411.993 0.000

L8.Temp 0.003763 0.000000 3163297.694 0.000

L8.Precip. horaria 0.002055 0.000001 3057.720 0.000

L8.Temp. prom aire 0.008076 0.000000 1297753.632 0.000

L9.Conduct -0.024302 0.000000 -10392086.616 0.000

L9.Water -0.012609 0.000000 -2668585.277 0.000

L9.Temp 0.013008 0.000000 5100578.525 0.000

L9.Precip. horaria 0.002508 0.000001 2967.562 0.000

L9.Temp. prom aire 0.001419 NAN NAN NAN

L10.Conduct -0.040194 0.000000 -14612505.866 0.000

L10.Water -0.004593 0.000000 -590290.596 0.000

L10.Temp 0.001562 NAN NAN NAN

L10.Precip. horaria -0.002548 0.000002 -1398.275 0.000

L10.Temp. prom aire -0.010403 0.000000 -2058399.701 0.000

L11.Conduct 0.055052 0.000000 14675003.469 0.000

L11.Water 0.032697 NAN NAN NAN

L11.Temp 0.028078 0.000000 7217038.639 0.000

L11.Precip. horaria -0.000907 0.000001 -1579.420 0.000

L11.Temp. prom aire 0.020450 0.000000 2863662.125 0.000

L12.Conduct 0.053013 NAN NAN NAN

L12.Water 0.019939 NAN NAN NAN

L12.Temp 0.018118 NAN NAN NAN

L12.Precip. horaria 0.001987 NAN NAN NAN

L12.Temp. prom aire 0.038109 NAN NAN NAN

L13.Conduct 0.055299 0.000000 11285007.246 0.000

L13.Water 0.006862 0.000000 636067.340 0.000

L13.Temp -0.008464 0.000000 -2195929.494 0.000

L13.Precip. horaria -0.000843 0.000001 -575.344 0.000

L13.Temp. prom aire -0.020173 NAN NAN NAN

L14.Conduct 0.054668 0.000000 12682168.207 0.000

L14.Water -0.025479 0.000000 -2901778.744 0.000

L14.Temp 0.030154 0.000000 10949647.227 0.000

L14.Precip. horaria -0.000395 0.000001 -339.172 0.000

L14.Temp. prom aire 0.021978 NAN NAN NAN

L15.Conduct 0.067388 0.000000 9512786.955 0.000

L15.Water 0.020564 0.000000 7568668.351 0.000

L15.Temp -0.005502 NAN NAN NAN

L15.Precip. horaria -0.000252 0.000002 -124.299 0.000

L15.Temp. prom aire 0.018518 NAN NAN NAN

L16.Conduct 0.036485 NAN NAN NAN

L16.Water 0.025206 0.000000 4689266.583 0.000

L16.Temp 0.002292 NAN NAN NAN

L16.Precip. horaria 0.000422 NAN NAN NAN

L16.Temp. prom aire -0.034750 NAN NAN NAN

L17.Conduct -0.172305 0.000000 -24427426.776 0.000

L17.Water -0.047972 0.000000 -2840834.665 0.000

L17.Temp 0.039347 NAN NAN NAN

L17.Precip. horaria 0.001469 0.000002 666.325 0.000

L17.Temp. prom aire 0.055804 0.000000 17035137.937 0.000

L18.Conduct 0.049989 0.000000 29824190.149 0.000

L18.Water -0.001535 0.000000 -351474.853 0.000

L18.Temp 0.023578 NAN NAN NAN

L18.Precip. horaria -0.001954 0.000002 -1011.137 0.000

L18.Temp. prom aire 0.001913 0.000000 479701.065 0.000

L19.Conduct 0.086941 0.000000 36395481.692 0.000

L19.Water 0.007613 NAN NAN NAN

L19.Temp 0.006355 NAN NAN NAN

L19.Precip. horaria -0.000345 NAN NAN NAN

L19.Temp. prom aire 0.020014 NAN NAN NAN

L20.Conduct -0.108439 0.000000 -15353563.740 0.000

L20.Water -0.014047 0.000000 -1803671.678 0.000

L20.Temp 0.030252 0.000000 37971460.867 0.000

L20.Precip. horaria 0.001808 0.000002 881.813 0.000

L20.Temp. prom aire -0.007293 0.000000 -1105865.331 0.000

L21.Conduct -0.066099 NAN NAN NAN

L21.Water -0.006991 NAN NAN NAN

L21.Temp 0.031645 NAN NAN NAN

L21.Precip. horaria -0.000430 NAN NAN NAN

L21.Temp. prom aire 0.019394 NAN NAN NAN

L22.Conduct -0.039174 0.000000 -5112545.084 0.000

L22.Water -0.002289 NAN NAN NAN

L22.Temp 0.035791 0.000000 13950415.976 0.000

L22.Precip. horaria -0.000217 NAN NAN NAN

L22.Temp. prom aire 0.015231 NAN NAN NAN

L23.Conduct 0.008428 NAN NAN NAN

L23.Water 0.005380 0.000000 709162.611 0.000

L23.Temp 0.022595 0.000000 76450283.148 0.000

L23.Precip. horaria -0.000459 0.000002 -239.783 0.000

L23.Temp. prom aire 0.018819 NAN NAN NAN

L24.Conduct 0.018931 0.000000 2713259.828 0.000

L24.Water 0.007459 NAN NAN NAN

L24.Temp 0.031537 0.000000 18675379.918 0.000

L24.Precip. horaria -0.000015 NAN NAN NAN

L24.Temp. prom aire 0.011547 0.000000 2129536.256 0.000

L25.Conduct 0.012951 0.000000 1730270.166 0.000

L25.Water 0.005812 0.000000 340765.725 0.000

L25.Temp 0.012001 NAN NAN NAN

L25.Precip. horaria 0.000019 0.000093 0.210 0.834

L25.Temp. prom aire 0.009821 0.000000 1696710.288 0.000

L26.Conduct 0.009098 0.000000 1371445.934 0.000

L26.Water 0.006201 NAN NAN NAN

L26.Temp 0.028994 0.000000 6600457.192 0.000

L26.Precip. horaria -0.000003 0.000112 -0.023 0.981

L26.Temp. prom aire 0.024095 0.000000 22476459.573 0.000

L27.Conduct 0.011811 NAN NAN NAN

L27.Water 0.006355 0.000000 1506152.971 0.000

L27.Temp 0.021372 0.000000 7755911.810 0.000

L27.Precip. horaria -0.000001 0.000049 -0.021 0.984

L27.Temp. prom aire 0.010618 NAN NAN NAN

L28.Conduct 0.009121 0.000000 1423241.017 0.000

L28.Water 0.006502 NAN NAN NAN

L28.Temp 0.021067 0.000000 6854207.386 0.000

L28.Precip. horaria -0.000008 0.000037 -0.219 0.826

L28.Temp. prom aire 0.020649 NAN NAN NAN

L29.Conduct 0.013207 0.000000 3149525.176 0.000

L29.Water 0.007542 NAN NAN NAN

L29.Temp 0.018888 0.000000 8890507.829 0.000

L29.Precip. horaria 0.000001 0.000144 0.008 0.994

L29.Temp. prom aire -0.025095 0.000000 -14849087.848 0.000

L30.Conduct 0.009927 NAN NAN NAN

L30.Water 0.007776 NAN NAN NAN

L30.Temp 0.014862 0.000000 5987537.786 0.000

L30.Precip. horaria 0.000000 0.000044 0.001 0.999

L30.Temp. prom aire 0.032736 0.000000 11002050.415 0.000

L31.Conduct 0.022051 0.000000 6177837.029 0.000

L31.Water 0.011334 0.000000 1495137.829 0.000

L31.Temp 0.002453 NAN NAN NAN

L31.Precip. horaria 0.000001 0.000112 0.006 0.995

L31.Temp. prom aire 0.023010 0.000000 4043174.112 0.000

L32.Conduct 0.008801 0.000000 5551076.343 0.000

L32.Water 0.007510 0.000000 940427.129 0.000

L32.Temp 0.026623 NAN NAN NAN

L32.Precip. horaria 0.000000 0.000065 0.000 1.000

L32.Temp. prom aire -0.019960 NAN NAN NAN

L33.Conduct 0.011344 0.000000 2572794.493 0.000

L33.Water 0.013667 NAN NAN NAN

L33.Temp 0.007550 0.000000 6067377.978 0.000

L33.Precip. horaria 0.000007 NAN NAN NAN

L33.Temp. prom aire 0.019293 NAN NAN NAN

L34.Conduct -0.003713 0.000000 -987430.921 0.000

L34.Water 0.003529 0.000000 471841.554 0.000

L34.Temp 0.016074 NAN NAN NAN

L34.Precip. horaria 0.000058 NAN NAN NAN

L34.Temp. prom aire -0.007360 NAN NAN NAN

L35.Conduct 0.003310 0.000000 1654087.074 0.000

L35.Water 0.012102 NAN NAN NAN

L35.Temp 0.026999 NAN NAN NAN

L35.Precip. horaria 0.000007 0.000013 0.552 0.581

L35.Temp. prom aire 0.024446 NAN NAN NAN

L36.Conduct 0.010018 0.000000 4720492.238 0.000

L36.Water 0.006766 0.000000 882580.854 0.000

L36.Temp 0.033192 0.000000 7845619.051 0.000

L36.Precip. horaria -0.000109 NAN NAN NAN

L36.Temp. prom aire 0.026233 0.000000 7264644.835 0.000

L37.Conduct 0.021129 0.000000 8405321.830 0.000

L37.Water 0.013790 0.000000 4752862.208 0.000

L37.Temp -0.002312 NAN NAN NAN

L37.Precip. horaria 0.000174 0.000008 21.594 0.000

L37.Temp. prom aire 0.021795 NAN NAN NAN

L38.Conduct 0.020790 NAN NAN NAN

L38.Water 0.009960 NAN NAN NAN

L38.Temp 0.001089 0.000000 3065006.559 0.000

L38.Precip. horaria -0.000066 NAN NAN NAN

L38.Temp. prom aire -0.011830 NAN NAN NAN

L39.Conduct 0.017569 NAN NAN NAN

L39.Water 0.012746 0.000000 2494768.597 0.000

L39.Temp 0.032836 NAN NAN NAN

L39.Precip. horaria 0.000133 0.000004 32.107 0.000

L39.Temp. prom aire 0.007506 0.000000 3411699.011 0.000

L40.Conduct 0.044276 NAN NAN NAN

L40.Water 0.013810 0.000000 2619570.928 0.000

L40.Temp 0.025705 0.000000 4641221.702 0.000

L40.Precip. horaria -0.000029 NAN NAN NAN

L40.Temp. prom aire 0.041536 0.000000 5603340.436 0.000

L41.Conduct 0.025959 0.000000 6556614.496 0.000

L41.Water 0.008781 0.000000 2355820.017 0.000

L41.Temp -0.030037 NAN NAN NAN

L41.Precip. horaria -0.000129 NAN NAN NAN

L41.Temp. prom aire -0.029197 0.000000 -3483442.138 0.000

L42.Conduct 0.042973 NAN NAN NAN

L42.Water 0.010764 0.000000 3274926.140 0.000

L42.Temp 0.032110 NAN NAN NAN

L42.Precip. horaria 0.000453 0.000003 154.051 0.000

L42.Temp. prom aire 0.005960 0.000000 606630.261 0.000

L43.Conduct 0.043026 0.000000 16450063.787 0.000

L43.Water 0.008876 0.000000 2774140.490 0.000

L43.Temp 0.016233 0.000000 4309027.927 0.000

L43.Precip. horaria -0.000055 NAN NAN NAN

L43.Temp. prom aire 0.022256 0.000000 3175494.363 0.000

L44.Conduct 0.062819 NAN NAN NAN

L44.Water 0.012646 0.000000 3726702.117 0.000

L44.Temp -0.015419 NAN NAN NAN

L44.Precip. horaria -0.000000 NAN NAN NAN

L44.Temp. prom aire -0.000831 NAN NAN NAN

L45.Conduct 0.020259 0.000000 14083402.689 0.000

L45.Water 0.004190 0.000000 991675.746 0.000

L45.Temp 0.015091 NAN NAN NAN

L45.Precip. horaria -0.000139 0.000003 -50.421 0.000

L45.Temp. prom aire -0.000622 0.000000 -60313.423 0.000

L46.Conduct -0.012554 0.000000 -5196560.317 0.000

L46.Water 0.002711 0.000000 847465.553 0.000

L46.Temp -0.024552 NAN NAN NAN

L46.Precip. horaria 0.000218 NAN NAN NAN

L46.Temp. prom aire 0.002355 0.000000 290233.726 0.000

L47.Conduct 0.039745 0.000000 14019239.689 0.000

L47.Water 0.012989 0.000000 6647595.309 0.000

L47.Temp 0.020243 0.000000 7912558.431 0.000

L47.Precip. horaria -0.000115 NAN NAN NAN

L47.Temp. prom aire -0.002283 NAN NAN NAN

L48.Conduct -0.013784 0.000000 -8806836.776 0.000

L48.Water -0.007633 NAN NAN NAN

L48.Temp -0.000849 NAN NAN NAN

L48.Precip. horaria -0.000559 NAN NAN NAN

L48.Temp. prom aire 0.017813 0.000000 18444209.580 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000212 0.000000 5842.536 0.000

L1.Conduct -0.002661 NAN NAN NAN

L1.Water 0.003659 NAN NAN NAN

L1.Temp 0.001024 NAN NAN NAN

L1.Precip. horaria 0.000849 NAN NAN NAN

L1.Temp. prom aire 0.007480 0.000000 866058.346 0.000

L2.Conduct -0.013259 NAN NAN NAN

L2.Water -0.006265 0.000000 -2303757.164 0.000

L2.Temp 0.004626 NAN NAN NAN

L2.Precip. horaria -0.001077 NAN NAN NAN

L2.Temp. prom aire 0.009253 NAN NAN NAN

L3.Conduct 0.094031 NAN NAN NAN

L3.Water 0.016785 0.000000 4160190.725 0.000

L3.Temp -0.010164 0.000000 -3335844.207 0.000

L3.Precip. horaria -0.001564 0.000000 -3207.234 0.000

L3.Temp. prom aire -0.008566 0.000000 -1126473.755 0.000

L4.Conduct 0.004507 0.000000 1312924.373 0.000

L4.Water 0.020171 0.000000 2829302.811 0.000

L4.Temp -0.002731 NAN NAN NAN

L4.Precip. horaria 0.001744 0.000001 2035.926 0.000

L4.Temp. prom aire -0.000562 0.000000 -49322.547 0.000

L5.Conduct 0.001718 0.000000 486620.877 0.000

L5.Water 0.008798 0.000000 1179256.370 0.000

L5.Temp -0.003113 0.000000 -781704.093 0.000

L5.Precip. horaria 0.000903 0.000001 933.193 0.000

L5.Temp. prom aire -0.006195 0.000000 -689871.467 0.000

L6.Conduct -0.024830 NAN NAN NAN

L6.Water -0.009383 NAN NAN NAN

L6.Temp 0.003552 0.000000 458179.832 0.000

L6.Precip. horaria -0.000554 NAN NAN NAN

L6.Temp. prom aire 0.007650 0.000000 1255883.034 0.000

L7.Conduct 0.056918 NAN NAN NAN

L7.Water 0.008419 NAN NAN NAN

L7.Temp 0.002494 0.000000 1383665.207 0.000

L7.Precip. horaria -0.001567 0.000000 -10377.740 0.000

L7.Temp. prom aire 0.005222 0.000000 3033002.006 0.000

L8.Conduct 0.031646 0.000000 32427456.869 0.000

L8.Water 0.011624 0.000000 1426839.843 0.000

L8.Temp -0.011959 0.000000 -9158447.730 0.000

L8.Precip. horaria 0.000337 0.000001 456.726 0.000

L8.Temp. prom aire -0.005856 0.000000 -857222.640 0.000

L9.Conduct -0.012452 0.000000 -4851259.314 0.000

L9.Water -0.004754 0.000000 -916590.437 0.000

L9.Temp -0.000709 0.000000 -253165.450 0.000

L9.Precip. horaria 0.002053 0.000001 2213.058 0.000

L9.Temp. prom aire -0.002291 NAN NAN NAN

L10.Conduct -0.025867 0.000000 -8567212.428 0.000

L10.Water -0.006398 0.000000 -749164.378 0.000

L10.Temp -0.007169 NAN NAN NAN

L10.Precip. horaria -0.001119 0.000002 -559.309 0.000

L10.Temp. prom aire -0.008725 0.000000 -1572665.889 0.000

L11.Conduct 0.032772 0.000000 7958690.678 0.000

L11.Water 0.015653 NAN NAN NAN

L11.Temp 0.007227 0.000000 1692408.120 0.000

L11.Precip. horaria -0.000681 0.000001 -1080.607 0.000

L11.Temp. prom aire 0.008020 0.000000 1023159.064 0.000

L12.Conduct 0.041889 NAN NAN NAN

L12.Water 0.014312 NAN NAN NAN

L12.Temp 0.000832 NAN NAN NAN

L12.Precip. horaria 0.000387 NAN NAN NAN

L12.Temp. prom aire 0.011474 NAN NAN NAN

L13.Conduct 0.038160 0.000000 7094670.887 0.000

L13.Water 0.006884 0.000000 581367.869 0.000

L13.Temp -0.008026 0.000000 -1897049.323 0.000

L13.Precip. horaria 0.000274 0.000002 170.187 0.000

L13.Temp. prom aire -0.008475 NAN NAN NAN

L14.Conduct 0.032393 0.000000 6846359.833 0.000

L14.Water -0.018699 0.000000 -1940206.293 0.000

L14.Temp 0.007001 0.000000 2315996.405 0.000

L14.Precip. horaria -0.000322 0.000001 -251.711 0.000

L14.Temp. prom aire 0.002281 NAN NAN NAN

L15.Conduct 0.037170 0.000000 4780291.277 0.000

L15.Water 0.005017 0.000000 1682280.059 0.000

L15.Temp -0.010473 NAN NAN NAN

L15.Precip. horaria -0.000257 0.000002 -115.531 0.000

L15.Temp. prom aire 0.023877 NAN NAN NAN

L16.Conduct 0.024422 NAN NAN NAN

L16.Water 0.011026 0.000000 1868775.399 0.000

L16.Temp -0.006637 NAN NAN NAN

L16.Precip. horaria 0.000193 NAN NAN NAN

L16.Temp. prom aire -0.030264 NAN NAN NAN

L17.Conduct -0.104973 0.000000 -13558095.579 0.000

L17.Water -0.020712 0.000000 -1117422.322 0.000

L17.Temp 0.018550 NAN NAN NAN

L17.Precip. horaria 0.001040 0.000002 429.898 0.000

L17.Temp. prom aire 0.019681 0.000000 5473650.413 0.000

L18.Conduct -0.000832 0.000000 -452421.841 0.000

L18.Water -0.008941 0.000000 -1864674.484 0.000

L18.Temp 0.009403 NAN NAN NAN

L18.Precip. horaria -0.001023 0.000002 -482.186 0.000

L18.Temp. prom aire -0.001380 0.000000 -315241.053 0.000

L19.Conduct 0.030773 0.000000 11736455.719 0.000

L19.Water -0.001983 NAN NAN NAN

L19.Temp 0.005380 NAN NAN NAN

L19.Precip. horaria -0.000299 NAN NAN NAN

L19.Temp. prom aire 0.011970 NAN NAN NAN

L20.Conduct -0.019168 0.000000 -2472498.388 0.000

L20.Water -0.001650 0.000000 -193034.403 0.000

L20.Temp 0.009794 0.000000 11199349.819 0.000

L20.Precip. horaria 0.000508 0.000002 225.703 0.000

L20.Temp. prom aire -0.000891 0.000000 -123046.472 0.000

L21.Conduct -0.051857 NAN NAN NAN

L21.Water -0.007377 NAN NAN NAN

L21.Temp 0.009937 NAN NAN NAN

L21.Precip. horaria 0.000258 NAN NAN NAN

L21.Temp. prom aire 0.001662 NAN NAN NAN

L22.Conduct -0.042965 0.000000 -5108470.726 0.000

L22.Water -0.005440 NAN NAN NAN

L22.Temp 0.017062 0.000000 6058690.704 0.000

L22.Precip. horaria -0.000098 NAN NAN NAN

L22.Temp. prom aire 0.005181 NAN NAN NAN

L23.Conduct -0.006503 NAN NAN NAN

L23.Water 0.000761 0.000000 91451.592 0.000

L23.Temp 0.013125 0.000000 40458216.249 0.000

L23.Precip. horaria -0.000394 0.000002 -187.397 0.000

L23.Temp. prom aire 0.004512 NAN NAN NAN

L24.Conduct -0.001175 0.000000 -153411.763 0.000

L24.Water 0.002335 NAN NAN NAN

L24.Temp 0.026030 0.000000 14043198.019 0.000

L24.Precip. horaria -0.000010 NAN NAN NAN

L24.Temp. prom aire 0.015685 0.000000 2635458.432 0.000

L25.Conduct -0.002863 0.000000 -348451.205 0.000

L25.Water 0.000797 0.000000 42551.296 0.000

L25.Temp 0.001173 NAN NAN NAN

L25.Precip. horaria 0.000005 0.000102 0.046 0.963

L25.Temp. prom aire 0.005203 0.000000 818921.497 0.000

L26.Conduct -0.007812 0.000000 -1072792.881 0.000

L26.Water 0.000103 NAN NAN NAN

L26.Temp 0.011263 0.000000 2336015.579 0.000

L26.Precip. horaria 0.000005 0.000123 0.044 0.965

L26.Temp. prom aire 0.005366 0.000000 4560628.171 0.000

L27.Conduct 0.000626 NAN NAN NAN

L27.Water 0.002043 0.000000 441133.703 0.000

L27.Temp 0.023453 0.000000 7754092.524 0.000

L27.Precip. horaria -0.000001 0.000054 -0.022 0.983

L27.Temp. prom aire 0.013436 NAN NAN NAN

L28.Conduct -0.002135 0.000000 -303470.511 0.000

L28.Water 0.001347 NAN NAN NAN

L28.Temp 0.007052 0.000000 2090119.538 0.000

L28.Precip. horaria -0.000005 0.000040 -0.131 0.896

L28.Temp. prom aire 0.010663 NAN NAN NAN

L29.Conduct -0.001066 0.000000 -231523.943 0.000

L29.Water 0.001530 NAN NAN NAN

L29.Temp 0.014381 0.000000 6167144.998 0.000

L29.Precip. horaria -0.000001 0.000158 -0.005 0.996

L29.Temp. prom aire -0.017332 0.000000 -9343203.852 0.000

L30.Conduct -0.004806 NAN NAN NAN

L30.Water 0.000420 NAN NAN NAN

L30.Temp 0.008110 0.000000 2976784.210 0.000

L30.Precip. horaria 0.000002 0.000049 0.049 0.961

L30.Temp. prom aire 0.016478 0.000000 5045247.112 0.000

L31.Conduct -0.000640 0.000000 -163338.763 0.000

L31.Water 0.001208 0.000000 145222.892 0.000

L31.Temp 0.005293 NAN NAN NAN

L31.Precip. horaria -0.000002 0.000123 -0.012 0.990

L31.Temp. prom aire 0.006916 0.000000 1107180.895 0.000

L32.Conduct -0.002327 0.000000 -1337279.417 0.000

L32.Water -0.002962 0.000000 -337955.341 0.000

L32.Temp 0.027324 NAN NAN NAN

L32.Precip. horaria -0.000005 0.000072 -0.068 0.945

L32.Temp. prom aire 0.005331 NAN NAN NAN

L33.Conduct -0.003047 0.000000 -629587.846 0.000

L33.Water 0.002287 NAN NAN NAN

L33.Temp 0.003867 0.000000 2831399.663 0.000

L33.Precip. horaria 0.000002 NAN NAN NAN

L33.Temp. prom aire 0.006042 NAN NAN NAN

L34.Conduct -0.011885 0.000000 -2879375.346 0.000

L34.Water -0.003753 0.000000 -457094.705 0.000

L34.Temp 0.010382 NAN NAN NAN

L34.Precip. horaria 0.000046 NAN NAN NAN

L34.Temp. prom aire -0.002961 NAN NAN NAN

L35.Conduct -0.008308 0.000000 -3782124.106 0.000

L35.Water -0.000351 NAN NAN NAN

L35.Temp 0.016319 NAN NAN NAN

L35.Precip. horaria -0.000021 0.000015 -1.447 0.148

L35.Temp. prom aire 0.014962 NAN NAN NAN

L36.Conduct -0.002549 0.000000 -1094236.179 0.000

L36.Water -0.000993 0.000000 -117955.764 0.000

L36.Temp 0.019288 0.000000 4153511.249 0.000

L36.Precip. horaria -0.000140 NAN NAN NAN

L36.Temp. prom aire 0.013935 0.000000 3515553.721 0.000

L37.Conduct 0.004901 0.000000 1776196.639 0.000

L37.Water 0.000001 0.000000 419.919 0.000

L37.Temp 0.009445 NAN NAN NAN

L37.Precip. horaria 0.000169 0.000009 19.051 0.000

L37.Temp. prom aire 0.012717 NAN NAN NAN

L38.Conduct 0.002002 NAN NAN NAN

L38.Water -0.001776 NAN NAN NAN

L38.Temp -0.003729 0.000000 -9560504.066 0.000

L38.Precip. horaria 0.000004 NAN NAN NAN

L38.Temp. prom aire -0.006986 NAN NAN NAN

L39.Conduct -0.000869 NAN NAN NAN

L39.Water -0.000887 0.000000 -158083.939 0.000

L39.Temp 0.019744 NAN NAN NAN

L39.Precip. horaria -0.000020 0.000005 -4.325 0.000

L39.Temp. prom aire 0.004711 0.000000 1950695.174 0.000

L40.Conduct 0.023703 NAN NAN NAN

L40.Water 0.002680 0.000000 463152.608 0.000

L40.Temp 0.015836 0.000000 2605042.295 0.000

L40.Precip. horaria -0.000116 NAN NAN NAN

L40.Temp. prom aire 0.025913 0.000000 3184818.823 0.000

L41.Conduct 0.017722 0.000000 4078134.667 0.000

L41.Water 0.002422 0.000000 591919.483 0.000

L41.Temp -0.011667 NAN NAN NAN

L41.Precip. horaria -0.000256 NAN NAN NAN

L41.Temp. prom aire -0.012555 0.000000 -1364687.588 0.000

L42.Conduct 0.016799 NAN NAN NAN

L42.Water 0.000469 0.000000 129916.129 0.000

L42.Temp 0.010142 NAN NAN NAN

L42.Precip. horaria 0.000599 0.000003 185.637 0.000

L42.Temp. prom aire -0.004847 0.000000 -449488.489 0.000

L43.Conduct -0.000316 0.000000 -110093.627 0.000

L43.Water -0.006565 0.000000 -1869198.915 0.000

L43.Temp 0.012020 0.000000 2906809.136 0.000

L43.Precip. horaria -0.000023 NAN NAN NAN

L43.Temp. prom aire 0.008995 0.000000 1169198.543 0.000

L44.Conduct 0.020025 NAN NAN NAN

L44.Water 0.000870 0.000000 233597.751 0.000

L44.Temp -0.001334 NAN NAN NAN

L44.Precip. horaria -0.000655 NAN NAN NAN

L44.Temp. prom aire 0.013309 NAN NAN NAN

L45.Conduct -0.000975 0.000000 -617258.510 0.000

L45.Water 0.000519 0.000000 111838.563 0.000

L45.Temp 0.001213 NAN NAN NAN

L45.Precip. horaria -0.000229 0.000003 -75.449 0.000

L45.Temp. prom aire -0.001311 0.000000 -115776.955 0.000

L46.Conduct -0.005702 0.000000 -2150390.009 0.000

L46.Water 0.005672 0.000000 1615543.267 0.000

L46.Temp -0.023385 NAN NAN NAN

L46.Precip. horaria 0.000466 NAN NAN NAN

L46.Temp. prom aire -0.009991 0.000000 -1121733.601 0.000

L47.Conduct 0.076982 0.000000 24738593.459 0.000

L47.Water 0.022221 0.000000 10360998.520 0.000

L47.Temp 0.012158 0.000000 4329606.133 0.000

L47.Precip. horaria 0.000499 NAN NAN NAN

L47.Temp. prom aire -0.005852 NAN NAN NAN

L48.Conduct -0.010305 0.000000 -5998614.543 0.000

L48.Water -0.010322 NAN NAN NAN

L48.Temp -0.003596 NAN NAN NAN

L48.Precip. horaria -0.000348 NAN NAN NAN

L48.Temp. prom aire 0.011700 0.000000 11036794.880 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000221 0.000000 11775.782 0.000

L1.Conduct 0.016931 NAN NAN NAN

L1.Water 0.000982 NAN NAN NAN

L1.Temp -0.008774 NAN NAN NAN

L1.Precip. horaria -0.000641 NAN NAN NAN

L1.Temp. prom aire -0.013713 0.000000 -3064857.124 0.000

L2.Conduct 0.004249 NAN NAN NAN

L2.Water 0.001469 0.000000 1042875.961 0.000

L2.Temp 0.010481 NAN NAN NAN

L2.Precip. horaria 0.000489 NAN NAN NAN

L2.Temp. prom aire 0.010709 NAN NAN NAN

L3.Conduct -0.027230 NAN NAN NAN

L3.Water -0.013220 0.000000 -6324423.607 0.000

L3.Temp 0.005421 0.000000 3434460.939 0.000

L3.Precip. horaria 0.000346 0.000000 1369.833 0.000

L3.Temp. prom aire -0.002363 0.000000 -599688.453 0.000

L4.Conduct -0.004740 0.000000 -2665236.110 0.000

L4.Water 0.012641 0.000000 3422477.835 0.000

L4.Temp 0.008501 NAN NAN NAN

L4.Precip. horaria -0.000106 0.000000 -238.126 0.000

L4.Temp. prom aire 0.009808 0.000000 1661383.971 0.000

L5.Conduct -0.001531 0.000000 -837059.992 0.000

L5.Water 0.002792 0.000000 722236.113 0.000

L5.Temp 0.004214 0.000000 2042501.740 0.000

L5.Precip. horaria -0.000237 0.000001 -472.247 0.000

L5.Temp. prom aire -0.009592 0.000000 -2061605.341 0.000

L6.Conduct -0.060517 NAN NAN NAN

L6.Water -0.000893 NAN NAN NAN

L6.Temp 0.019743 0.000000 4916367.497 0.000

L6.Precip. horaria 0.001014 NAN NAN NAN

L6.Temp. prom aire 0.026225 0.000000 8309934.236 0.000

L7.Conduct 0.064834 NAN NAN NAN

L7.Water 0.010148 NAN NAN NAN

L7.Temp 0.001635 0.000000 1750577.476 0.000

L7.Precip. horaria -0.001435 0.000000 -18340.056 0.000

L7.Temp. prom aire -0.011300 0.000000 -12668794.401 0.000

L8.Conduct -0.007130 0.000000 -14102992.485 0.000

L8.Water 0.005034 0.000000 1192838.341 0.000

L8.Temp 0.011921 0.000000 17621075.368 0.000

L8.Precip. horaria 0.000950 0.000000 2484.707 0.000

L8.Temp. prom aire 0.016554 0.000000 4677643.143 0.000

L9.Conduct 0.021507 0.000000 16173541.922 0.000

L9.Water 0.006610 0.000000 2460153.223 0.000

L9.Temp 0.001949 0.000000 1343604.255 0.000

L9.Precip. horaria -0.000563 0.000000 -1171.864 0.000

L9.Temp. prom aire -0.005830 NAN NAN NAN

L10.Conduct -0.014847 0.000000 -9491738.890 0.000

L10.Water 0.004024 0.000000 909486.535 0.000

L10.Temp 0.009247 NAN NAN NAN

L10.Precip. horaria 0.000489 0.000001 471.634 0.000

L10.Temp. prom aire 0.010887 0.000000 3788254.430 0.000

L11.Conduct 0.013047 0.000000 6115892.938 0.000

L11.Water 0.004791 NAN NAN NAN

L11.Temp 0.005235 0.000000 2366077.795 0.000

L11.Precip. horaria -0.000426 0.000000 -1305.220 0.000

L11.Temp. prom aire -0.002787 0.000000 -686210.912 0.000

L12.Conduct 0.004771 NAN NAN NAN

L12.Water 0.003695 NAN NAN NAN

L12.Temp 0.008607 NAN NAN NAN

L12.Precip. horaria 0.000648 NAN NAN NAN

L12.Temp. prom aire 0.013689 NAN NAN NAN

L13.Conduct 0.013295 0.000000 4771051.245 0.000

L13.Water 0.005031 0.000000 820078.164 0.000

L13.Temp -0.004293 0.000000 -1958462.529 0.000

L13.Precip. horaria -0.000736 0.000001 -883.099 0.000

L13.Temp. prom aire -0.009168 NAN NAN NAN

L14.Conduct 0.001479 0.000000 603209.601 0.000

L14.Water 0.006858 0.000000 1373630.872 0.000

L14.Temp 0.012271 0.000000 7835584.123 0.000

L14.Precip. horaria 0.000703 0.000001 1060.774 0.000

L14.Temp. prom aire 0.013097 NAN NAN NAN

L15.Conduct 0.006910 0.000000 1715451.558 0.000

L15.Water 0.004313 0.000000 2791694.954 0.000

L15.Temp 0.000650 NAN NAN NAN

L15.Precip. horaria -0.000249 0.000001 -215.681 0.000

L15.Temp. prom aire -0.006077 NAN NAN NAN

L16.Conduct 0.009986 NAN NAN NAN

L16.Water 0.008724 0.000000 2854149.530 0.000

L16.Temp 0.006219 NAN NAN NAN

L16.Precip. horaria 0.000098 NAN NAN NAN

L16.Temp. prom aire 0.006502 NAN NAN NAN

L17.Conduct 0.018402 0.000000 4587688.279 0.000

L17.Water 0.000586 0.000000 61067.612 0.000

L17.Temp -0.000910 NAN NAN NAN

L17.Precip. horaria -0.000183 0.000001 -145.943 0.000

L17.Temp. prom aire 0.004862 0.000000 2610351.739 0.000

L18.Conduct 0.018355 0.000000 19257372.394 0.000

L18.Water 0.011235 0.000000 4523151.213 0.000

L18.Temp 0.008978 NAN NAN NAN

L18.Precip. horaria 0.000128 0.000001 116.527 0.000

L18.Temp. prom aire -0.011842 0.000000 -5222276.885 0.000

L19.Conduct 0.031538 0.000000 23217789.407 0.000

L19.Water 0.004620 NAN NAN NAN

L19.Temp -0.004864 NAN NAN NAN

L19.Precip. horaria -0.000173 NAN NAN NAN

L19.Temp. prom aire 0.023652 NAN NAN NAN

L20.Conduct -0.013987 0.000000 -3482735.210 0.000

L20.Water -0.001398 0.000000 -315696.198 0.000

L20.Temp 0.002647 0.000000 5841957.830 0.000

L20.Precip. horaria 0.000428 0.000001 366.861 0.000

L20.Temp. prom aire -0.009013 0.000000 -2403495.541 0.000

L21.Conduct 0.034933 NAN NAN NAN

L21.Water 0.007160 NAN NAN NAN

L21.Temp 0.004648 NAN NAN NAN

L21.Precip. horaria -0.000450 NAN NAN NAN

L21.Temp. prom aire 0.009520 NAN NAN NAN

L22.Conduct -0.001148 0.000000 -263513.702 0.000

L22.Water 0.000885 NAN NAN NAN

L22.Temp 0.005186 0.000000 3554840.478 0.000

L22.Precip. horaria 0.000357 NAN NAN NAN

L22.Temp. prom aire -0.001085 NAN NAN NAN

L23.Conduct 0.003876 NAN NAN NAN

L23.Water 0.001412 0.000000 327246.967 0.000

L23.Temp -0.002011 0.000000 -11962863.811 0.000

L23.Precip. horaria -0.000045 0.000001 -41.293 0.000

L23.Temp. prom aire 0.006362 NAN NAN NAN

L24.Conduct 0.008281 0.000000 2087107.182 0.000

L24.Water 0.002485 NAN NAN NAN

L24.Temp 0.006108 0.000000 6361115.747 0.000

L24.Precip. horaria -0.000019 NAN NAN NAN

L24.Temp. prom aire -0.002436 0.000000 -790027.158 0.000

L25.Conduct 0.009838 0.000000 2311245.473 0.000

L25.Water 0.002591 0.000000 267167.005 0.000

L25.Temp 0.003683 NAN NAN NAN

L25.Precip. horaria 0.000012 0.000053 0.220 0.826

L25.Temp. prom aire 0.008300 0.000000 2521617.439 0.000

L26.Conduct 0.014432 0.000000 3825577.409 0.000

L26.Water 0.003492 NAN NAN NAN

L26.Temp 0.002362 0.000000 945549.505 0.000

L26.Precip. horaria -0.000005 0.000064 -0.084 0.933

L26.Temp. prom aire 0.003902 0.000000 6401534.158 0.000

L27.Conduct 0.007071 NAN NAN NAN

L27.Water 0.001618 0.000000 674211.394 0.000

L27.Temp -0.011176 0.000000 -7132504.476 0.000

L27.Precip. horaria 0.000006 0.000028 0.227 0.821

L27.Temp. prom aire -0.012976 NAN NAN NAN

L28.Conduct 0.007836 0.000000 2150090.042 0.000

L28.Water 0.003383 NAN NAN NAN

L28.Temp 0.021577 0.000000 12345379.968 0.000

L28.Precip. horaria -0.000005 0.000021 -0.245 0.807

L28.Temp. prom aire 0.009622 NAN NAN NAN

L29.Conduct 0.009248 0.000000 3878115.785 0.000

L29.Water 0.002823 NAN NAN NAN

L29.Temp -0.007792 0.000000 -6449929.546 0.000

L29.Precip. horaria 0.000002 0.000082 0.028 0.977

L29.Temp. prom aire 0.007975 0.000000 8298914.251 0.000

L30.Conduct 0.000285 NAN NAN NAN

L30.Water 0.000943 NAN NAN NAN

L30.Temp 0.002292 0.000000 1623867.681 0.000

L30.Precip. horaria -0.000004 0.000025 -0.153 0.878

L30.Temp. prom aire -0.009256 0.000000 -5470526.945 0.000

L31.Conduct 0.008908 0.000000 4388839.487 0.000

L31.Water 0.004375 0.000000 1014909.494 0.000

L31.Temp 0.006838 NAN NAN NAN

L31.Precip. horaria 0.000004 0.000064 0.068 0.946

L31.Temp. prom aire 0.016740 0.000000 5172516.634 0.000

L32.Conduct 0.002314 0.000000 2566961.903 0.000

L32.Water 0.003698 0.000000 814382.702 0.000

L32.Temp -0.000665 NAN NAN NAN

L32.Precip. horaria 0.000000 0.000037 0.007 0.994

L32.Temp. prom aire -0.010079 NAN NAN NAN

L33.Conduct 0.008207 0.000000 3273074.733 0.000

L33.Water 0.005558 NAN NAN NAN

L33.Temp 0.000520 0.000000 734415.612 0.000

L33.Precip. horaria 0.000003 NAN NAN NAN

L33.Temp. prom aire 0.012653 NAN NAN NAN

L34.Conduct 0.003609 0.000000 1687803.693 0.000

L34.Water 0.004182 0.000000 983417.063 0.000

L34.Temp 0.004854 NAN NAN NAN

L34.Precip. horaria -0.000030 NAN NAN NAN

L34.Temp. prom aire -0.005370 NAN NAN NAN

L35.Conduct 0.005204 0.000000 4572949.102 0.000

L35.Water 0.008679 NAN NAN NAN

L35.Temp -0.005518 NAN NAN NAN

L35.Precip. horaria 0.000052 0.000008 6.799 0.000

L35.Temp. prom aire 0.002012 NAN NAN NAN

L36.Conduct 0.002996 0.000000 2482815.461 0.000

L36.Water 0.000914 0.000000 209669.954 0.000

L36.Temp 0.015939 0.000000 6625501.074 0.000

L36.Precip. horaria 0.000007 NAN NAN NAN

L36.Temp. prom aire 0.000542 0.000000 263831.828 0.000

L37.Conduct 0.003526 0.000000 2466897.238 0.000

L37.Water 0.007861 0.000000 4764478.933 0.000

L37.Temp -0.004064 NAN NAN NAN

L37.Precip. horaria -0.000023 0.000005 -4.903 0.000

L37.Temp. prom aire 0.004441 NAN NAN NAN

L38.Conduct 0.005836 NAN NAN NAN

L38.Water 0.004087 NAN NAN NAN

L38.Temp 0.014486 0.000000 71691537.117 0.000

L38.Precip. horaria -0.000012 NAN NAN NAN

L38.Temp. prom aire 0.005648 NAN NAN NAN

L39.Conduct 0.003662 NAN NAN NAN

L39.Water 0.005835 0.000000 2008274.920 0.000

L39.Temp -0.002647 NAN NAN NAN

L39.Precip. horaria 0.000068 0.000002 28.735 0.000

L39.Temp. prom aire 0.000623 0.000000 498102.057 0.000

L40.Conduct 0.002100 NAN NAN NAN

L40.Water 0.004420 0.000000 1474500.347 0.000

L40.Temp 0.011752 0.000000 3731522.834 0.000

L40.Precip. horaria -0.000028 NAN NAN NAN

L40.Temp. prom aire 0.007362 0.000000 1746656.707 0.000

L41.Conduct -0.001627 0.000000 -722661.290 0.000

L41.Water 0.003314 0.000000 1563626.768 0.000

L41.Temp 0.001026 NAN NAN NAN

L41.Precip. horaria 0.000128 NAN NAN NAN

L41.Temp. prom aire -0.000281 0.000000 -59038.258 0.000

L42.Conduct 0.004306 NAN NAN NAN

L42.Water 0.003042 0.000000 1627718.347 0.000

L42.Temp 0.013712 NAN NAN NAN

L42.Precip. horaria -0.000146 0.000002 -87.497 0.000

L42.Temp. prom aire 0.006811 0.000000 1219215.979 0.000

L43.Conduct 0.000956 0.000000 642836.514 0.000

L43.Water 0.005011 0.000000 2754037.988 0.000

L43.Temp 0.003137 0.000000 1464387.882 0.000

L43.Precip. horaria 0.000020 NAN NAN NAN

L43.Temp. prom aire 0.002312 0.000000 580136.868 0.000

L44.Conduct 0.005960 NAN NAN NAN

L44.Water 0.001880 0.000000 974463.861 0.000

L44.Temp 0.002634 NAN NAN NAN

L44.Precip. horaria 0.000407 NAN NAN NAN

L44.Temp. prom aire 0.001824 NAN NAN NAN

L45.Conduct 0.029700 0.000000 36307912.340 0.000

L45.Water 0.008592 0.000000 3576484.616 0.000

L45.Temp 0.012017 NAN NAN NAN

L45.Precip. horaria -0.000274 0.000002 -174.194 0.000

L45.Temp. prom aire 0.005774 0.000000 983981.134 0.000

L46.Conduct 0.011269 0.000000 8202923.898 0.000

L46.Water 0.000376 0.000000 206722.807 0.000

L46.Temp 0.003957 NAN NAN NAN

L46.Precip. horaria 0.000208 NAN NAN NAN

L46.Temp. prom aire 0.003730 0.000000 808412.237 0.000

L47.Conduct -0.019340 0.000000 -11996778.944 0.000

L47.Water -0.007486 0.000000 -6738091.257 0.000

L47.Temp 0.007152 0.000000 4915756.626 0.000

L47.Precip. horaria 0.000180 NAN NAN NAN

L47.Temp. prom aire -0.002290 NAN NAN NAN

L48.Conduct -0.003787 0.000000 -4255435.629 0.000

L48.Water 0.001442 NAN NAN NAN

L48.Temp 0.011126 NAN NAN NAN

L48.Precip. horaria -0.000382 NAN NAN NAN

L48.Temp. prom aire 0.013040 0.000000 23743793.704 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000001 0.000000 1704.539 0.000

L1.Conduct -0.001153 NAN NAN NAN

L1.Water -0.001086 NAN NAN NAN

L1.Temp -0.001490 NAN NAN NAN

L1.Precip. horaria -0.000126 NAN NAN NAN

L1.Temp. prom aire -0.001768 0.000000 -12270755.441 0.000

L2.Conduct 0.000522 NAN NAN NAN

L2.Water 0.000899 0.000000 19819969.291 0.000

L2.Temp 0.000660 NAN NAN NAN

L2.Precip. horaria -0.000045 NAN NAN NAN

L2.Temp. prom aire 0.000640 NAN NAN NAN

L3.Conduct 0.000393 NAN NAN NAN

L3.Water 0.000278 0.000000 4133904.656 0.000

L3.Temp 0.000030 0.000000 584010.782 0.000

L3.Precip. horaria -0.000048 0.000000 -5954.778 0.000

L3.Temp. prom aire 0.000940 0.000000 7407825.312 0.000

L4.Conduct 0.000411 0.000000 7175110.684 0.000

L4.Water 0.001358 0.000000 11420972.321 0.000

L4.Temp -0.000419 NAN NAN NAN

L4.Precip. horaria 0.000081 0.000000 5691.179 0.000

L4.Temp. prom aire -0.000501 0.000000 -2634610.653 0.000

L5.Conduct -0.000321 0.000000 -5444770.888 0.000

L5.Water -0.002092 0.000000 -16809338.107 0.000

L5.Temp -0.000188 0.000000 -2834109.511 0.000

L5.Precip. horaria -0.000028 0.000000 -1732.658 0.000

L5.Temp. prom aire -0.000656 0.000000 -4381133.005 0.000

L6.Conduct -0.001103 NAN NAN NAN

L6.Water -0.000269 NAN NAN NAN

L6.Temp 0.000322 0.000000 2487718.512 0.000

L6.Precip. horaria -0.000025 NAN NAN NAN

L6.Temp. prom aire 0.000657 0.000000 6467517.165 0.000

L7.Conduct 0.007423 NAN NAN NAN

L7.Water 0.002029 NAN NAN NAN

L7.Temp -0.000742 0.000000 -24665404.170 0.000

L7.Precip. horaria -0.000114 0.000000 -45274.958 0.000

L7.Temp. prom aire -0.001202 0.000000 -41862441.238 0.000

L8.Conduct -0.006972 0.000000 -428317134.478 0.000

L8.Water -0.000741 0.000000 -5451650.045 0.000

L8.Temp 0.000358 0.000000 16440790.828 0.000

L8.Precip. horaria 0.000177 0.000000 14404.871 0.000

L8.Temp. prom aire 0.001031 0.000000 9051512.510 0.000

L9.Conduct 0.000256 0.000000 5985334.322 0.000

L9.Water -0.001265 0.000000 -14618243.988 0.000

L9.Temp 0.000366 0.000000 7846120.591 0.000

L9.Precip. horaria 0.000034 0.000000 2196.005 0.000

L9.Temp. prom aire 0.000509 NAN NAN NAN

L10.Conduct 0.001121 0.000000 22255353.995 0.000

L10.Water -0.000245 0.000000 -1720021.395 0.000

L10.Temp -0.001368 NAN NAN NAN

L10.Precip. horaria -0.000143 0.000000 -4298.410 0.000

L10.Temp. prom aire -0.001759 0.000000 -19006090.730 0.000

L11.Conduct 0.001092 0.000000 15901414.454 0.000

L11.Water 0.001013 NAN NAN NAN

L11.Temp 0.000708 0.000000 9934084.827 0.000

L11.Precip. horaria 0.000073 0.000000 6957.018 0.000

L11.Temp. prom aire 0.000590 0.000000 4509784.548 0.000

L12.Conduct -0.003924 NAN NAN NAN

L12.Water 0.000312 NAN NAN NAN

L12.Temp -0.000490 NAN NAN NAN

L12.Precip. horaria 0.000022 NAN NAN NAN

L12.Temp. prom aire -0.000235 NAN NAN NAN

L13.Conduct -0.000106 0.000000 -1182361.711 0.000

L13.Water 0.000317 0.000000 1604156.762 0.000

L13.Temp 0.000560 0.000000 7939680.523 0.000

L13.Precip. horaria -0.000021 0.000000 -784.529 0.000

L13.Temp. prom aire 0.000368 NAN NAN NAN

L14.Conduct 0.002944 0.000000 37299822.299 0.000

L14.Water -0.001271 0.000000 -7906072.475 0.000

L14.Temp 0.000717 0.000000 14226789.409 0.000

L14.Precip. horaria -0.000065 0.000000 -3036.826 0.000

L14.Temp. prom aire 0.001119 NAN NAN NAN

L15.Conduct 0.006486 0.000000 50004857.559 0.000

L15.Water 0.001501 0.000000 30173939.237 0.000

L15.Temp -0.001147 NAN NAN NAN

L15.Precip. horaria -0.000004 0.000000 -107.943 0.000

L15.Temp. prom aire -0.000436 NAN NAN NAN

L16.Conduct 0.001865 NAN NAN NAN

L16.Water -0.000065 0.000000 -659868.037 0.000

L16.Temp -0.000696 NAN NAN NAN

L16.Precip. horaria 0.000029 NAN NAN NAN

L16.Temp. prom aire -0.001800 NAN NAN NAN

L17.Conduct -0.008824 0.000000 -68327212.649 0.000

L17.Water -0.001573 0.000000 -5089174.516 0.000

L17.Temp 0.000649 NAN NAN NAN

L17.Precip. horaria 0.000098 0.000000 2439.888 0.000

L17.Temp. prom aire 0.001953 0.000000 32559730.634 0.000

L18.Conduct 0.002007 0.000000 65397572.103 0.000

L18.Water 0.000121 0.000000 1509603.657 0.000

L18.Temp 0.000207 NAN NAN NAN

L18.Precip. horaria -0.000104 0.000000 -2935.039 0.000

L18.Temp. prom aire -0.001200 0.000000 -16438379.973 0.000

L19.Conduct -0.001592 0.000000 -36399457.386 0.000

L19.Water -0.000309 NAN NAN NAN

L19.Temp -0.000331 NAN NAN NAN

L19.Precip. horaria 0.000037 NAN NAN NAN

L19.Temp. prom aire 0.002129 NAN NAN NAN

L20.Conduct -0.000813 0.000000 -6286752.906 0.000

L20.Water -0.000085 0.000000 -598086.137 0.000

L20.Temp 0.000422 0.000000 28952209.341 0.000

L20.Precip. horaria -0.000011 0.000000 -306.355 0.000

L20.Temp. prom aire -0.003125 0.000000 -25878401.237 0.000

L21.Conduct -0.001376 NAN NAN NAN

L21.Water -0.000183 NAN NAN NAN

L21.Temp 0.000745 NAN NAN NAN

L21.Precip. horaria 0.000007 NAN NAN NAN

L21.Temp. prom aire 0.001728 NAN NAN NAN

L22.Conduct -0.000001 0.000000 -6051.413 0.000

L22.Water 0.000010 NAN NAN NAN

L22.Temp 0.000123 0.000000 2608507.210 0.000

L22.Precip. horaria -0.000012 NAN NAN NAN

L22.Temp. prom aire 0.000245 NAN NAN NAN

L23.Conduct -0.000153 NAN NAN NAN

L23.Water -0.000012 0.000000 -83288.990 0.000

L23.Temp 0.000049 0.000000 9005254.800 0.000

L23.Precip. horaria 0.000000 0.000000 4.924 0.000

L23.Temp. prom aire 0.000333 NAN NAN NAN

L24.Conduct 0.000116 0.000000 910677.758 0.000

L24.Water 0.000057 NAN NAN NAN

L24.Temp 0.000640 0.000000 20705029.953 0.000

L24.Precip. horaria -0.000001 NAN NAN NAN

L24.Temp. prom aire -0.000877 0.000000 -8829507.029 0.000

L25.Conduct -0.000272 0.000000 -1981408.914 0.000

L25.Water -0.000066 0.000000 -210686.677 0.000

L25.Temp -0.000323 NAN NAN NAN

L25.Precip. horaria 0.000002 0.000002 1.201 0.230

L25.Temp. prom aire 0.000209 0.000000 1975961.881 0.000

L26.Conduct -0.000242 0.000000 -1991918.428 0.000

L26.Water -0.000006 NAN NAN NAN

L26.Temp 0.000436 0.000000 5416139.722 0.000

L26.Precip. horaria -0.000001 0.000002 -0.544 0.587

L26.Temp. prom aire 0.000534 0.000000 27219300.945 0.000

L27.Conduct -0.000333 NAN NAN NAN

L27.Water -0.000035 0.000000 -457699.398 0.000

L27.Temp 0.000228 0.000000 4525180.675 0.000

L27.Precip. horaria -0.000000 0.000001 -0.286 0.775

L27.Temp. prom aire 0.000448 NAN NAN NAN

L28.Conduct -0.000033 0.000000 -285296.156 0.000

L28.Water 0.000012 NAN NAN NAN

L28.Temp 0.000644 0.000000 11448307.879 0.000

L28.Precip. horaria 0.000000 0.000001 0.358 0.720

L28.Temp. prom aire 0.001423 NAN NAN NAN

L29.Conduct -0.000110 0.000000 -1435700.562 0.000

L29.Water -0.000049 NAN NAN NAN

L29.Temp -0.000735 0.000000 -18901931.604 0.000

L29.Precip. horaria 0.000001 0.000003 0.205 0.838

L29.Temp. prom aire -0.002720 0.000000 -87921489.300 0.000

L30.Conduct -0.000390 NAN NAN NAN

L30.Water -0.000102 NAN NAN NAN

L30.Temp 0.000813 0.000000 17886012.312 0.000

L30.Precip. horaria -0.000000 0.000001 -0.604 0.546

L30.Temp. prom aire 0.001151 0.000000 21120200.249 0.000

L31.Conduct 0.000780 0.000000 11941890.978 0.000

L31.Water 0.000194 0.000000 1397368.668 0.000

L31.Temp 0.000805 NAN NAN NAN

L31.Precip. horaria -0.000001 0.000002 -0.310 0.756

L31.Temp. prom aire 0.000443 0.000000 4248172.778 0.000

L32.Conduct -0.000081 0.000000 -2802557.456 0.000

L32.Water -0.000121 0.000000 -825854.654 0.000

L32.Temp -0.000854 NAN NAN NAN

L32.Precip. horaria -0.000000 0.000001 -0.101 0.919

L32.Temp. prom aire -0.000075 NAN NAN NAN

L33.Conduct 0.000168 0.000000 2075204.126 0.000

L33.Water 0.000026 NAN NAN NAN

L33.Temp -0.000394 0.000000 -17295761.366 0.000

L33.Precip. horaria 0.000001 NAN NAN NAN

L33.Temp. prom aire -0.000591 NAN NAN NAN

L34.Conduct -0.000518 0.000000 -7521408.563 0.000

L34.Water -0.000277 0.000000 -2021665.316 0.000

L34.Temp 0.000668 NAN NAN NAN

L34.Precip. horaria 0.000000 NAN NAN NAN

L34.Temp. prom aire 0.000019 NAN NAN NAN

L35.Conduct -0.000233 0.000000 -6366132.546 0.000

L35.Water 0.000114 NAN NAN NAN

L35.Temp 0.000345 NAN NAN NAN

L35.Precip. horaria 0.000000 0.000000 1.362 0.173

L35.Temp. prom aire 0.000264 NAN NAN NAN

L36.Conduct -0.000695 0.000000 -17884420.731 0.000

L36.Water -0.000490 0.000000 -3489929.420 0.000

L36.Temp 0.001161 0.000000 14985098.675 0.000

L36.Precip. horaria -0.000002 NAN NAN NAN

L36.Temp. prom aire 0.000486 0.000000 7353567.773 0.000

L37.Conduct -0.000235 0.000000 -5108460.964 0.000

L37.Water 0.000277 0.000000 5208006.693 0.000

L37.Temp -0.000964 NAN NAN NAN

L37.Precip. horaria 0.000002 0.000000 14.581 0.000

L37.Temp. prom aire 0.000832 NAN NAN NAN

L38.Conduct -0.000208 NAN NAN NAN

L38.Water -0.000315 NAN NAN NAN

L38.Temp -0.000279 0.000000 -42819832.278 0.000

L38.Precip. horaria -0.000003 NAN NAN NAN

L38.Temp. prom aire -0.001000 NAN NAN NAN

L39.Conduct 0.000389 NAN NAN NAN

L39.Water 0.000126 0.000000 1350960.747 0.000

L39.Temp 0.001334 NAN NAN NAN

L39.Precip. horaria 0.000000 0.000000 1.090 0.276

L39.Temp. prom aire 0.000617 0.000000 15311133.555 0.000

L40.Conduct 0.001119 NAN NAN NAN

L40.Water 0.000236 0.000000 2443689.382 0.000

L40.Temp -0.000309 0.000000 -3051326.703 0.000

L40.Precip. horaria -0.000003 NAN NAN NAN

L40.Temp. prom aire 0.000708 0.000000 5217422.513 0.000

L41.Conduct -0.000426 0.000000 -5873182.027 0.000

L41.Water -0.000142 0.000000 -2087674.863 0.000

L41.Temp -0.001257 NAN NAN NAN

L41.Precip. horaria 0.000012 NAN NAN NAN

L41.Temp. prom aire -0.001718 0.000000 -11196022.064 0.000

L42.Conduct 0.000440 NAN NAN NAN

L42.Water -0.000030 0.000000 -503343.035 0.000

L42.Temp 0.000977 NAN NAN NAN

L42.Precip. horaria -0.000008 0.000000 -149.621 0.000

L42.Temp. prom aire 0.000767 0.000000 4265046.880 0.000

L43.Conduct -0.000103 0.000000 -2152967.948 0.000

L43.Water -0.000049 0.000000 -833870.630 0.000

L43.Temp 0.000037 0.000000 542114.665 0.000

L43.Precip. horaria -0.000016 NAN NAN NAN

L43.Temp. prom aire 0.000127 0.000000 986559.601 0.000

L44.Conduct 0.001349 NAN NAN NAN

L44.Water 0.000095 0.000000 1533009.347 0.000

L44.Temp -0.000055 NAN NAN NAN

L44.Precip. horaria 0.000017 NAN NAN NAN

L44.Temp. prom aire 0.000072 NAN NAN NAN

L45.Conduct 0.000324 0.000000 12315151.577 0.000

L45.Water -0.000018 0.000000 -228172.335 0.000

L45.Temp 0.000466 NAN NAN NAN

L45.Precip. horaria -0.000008 0.000000 -155.345 0.000

L45.Temp. prom aire -0.000524 0.000000 -2775832.948 0.000

L46.Conduct -0.000823 0.000000 -18607896.764 0.000

L46.Water -0.000049 0.000000 -838137.596 0.000

L46.Temp -0.001367 NAN NAN NAN

L46.Precip. horaria 0.000030 NAN NAN NAN

L46.Temp. prom aire 0.000377 0.000000 2536247.024 0.000

L47.Conduct -0.000341 0.000000 -6572863.196 0.000

L47.Water -0.000359 0.000000 -10047100.151 0.000

L47.Temp 0.000858 0.000000 18320071.294 0.000

L47.Precip. horaria -0.000035 NAN NAN NAN

L47.Temp. prom aire 0.000249 NAN NAN NAN

L48.Conduct -0.000051 0.000000 -1796277.396 0.000

L48.Water 0.000661 NAN NAN NAN

L48.Temp -0.001194 NAN NAN NAN

L48.Precip. horaria -0.000044 NAN NAN NAN

L48.Temp. prom aire 0.000191 0.000000 10814289.535 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000172 0.000000 12532.573 0.000

L1.Conduct 0.053325 NAN NAN NAN

L1.Water 0.002804 NAN NAN NAN

L1.Temp -0.023489 NAN NAN NAN

L1.Precip. horaria -0.001578 NAN NAN NAN

L1.Temp. prom aire -0.032907 0.000000 -10072097.324 0.000

L2.Conduct 0.000767 NAN NAN NAN

L2.Water -0.001293 0.000000 -1256701.876 0.000

L2.Temp 0.009227 NAN NAN NAN

L2.Precip. horaria 0.001067 NAN NAN NAN

L2.Temp. prom aire 0.016310 NAN NAN NAN

L3.Conduct -0.018796 NAN NAN NAN

L3.Water -0.013977 0.000000 -9157049.126 0.000

L3.Temp -0.002278 0.000000 -1976613.815 0.000

L3.Precip. horaria -0.000116 0.000000 -626.084 0.000

L3.Temp. prom aire -0.012117 0.000000 -4211899.941 0.000

L4.Conduct 0.004221 0.000000 3250244.298 0.000

L4.Water 0.022220 0.000000 8238629.249 0.000

L4.Temp 0.007509 NAN NAN NAN

L4.Precip. horaria 0.000483 0.000000 1489.567 0.000

L4.Temp. prom aire 0.014463 0.000000 3354901.443 0.000

L5.Conduct -0.010498 0.000000 -7860532.766 0.000

L5.Water -0.009813 0.000000 -3476775.229 0.000

L5.Temp -0.001118 0.000000 -741997.860 0.000

L5.Precip. horaria -0.001267 0.000000 -3462.866 0.000

L5.Temp. prom aire -0.017326 0.000000 -5099876.962 0.000

L6.Conduct -0.065697 NAN NAN NAN

L6.Water -0.004628 NAN NAN NAN

L6.Temp 0.023614 0.000000 8052661.571 0.000

L6.Precip. horaria 0.001859 NAN NAN NAN

L6.Temp. prom aire 0.040011 0.000000 17362276.099 0.000

L7.Conduct 0.098828 NAN NAN NAN

L7.Water 0.009908 NAN NAN NAN

L7.Temp -0.014123 0.000000 -20709769.900 0.000

L7.Precip. horaria -0.002299 0.000000 -40232.700 0.000

L7.Temp. prom aire -0.033580 0.000000 -51555990.625 0.000

L8.Conduct -0.043426 0.000000 -117626642.207 0.000

L8.Water 0.001359 0.000000 440992.054 0.000

L8.Temp 0.016404 0.000000 33205734.841 0.000

L8.Precip. horaria 0.002362 0.000000 8462.901 0.000

L8.Temp. prom aire 0.025992 0.000000 10058045.118 0.000

L9.Conduct 0.004071 0.000000 4192309.604 0.000

L9.Water 0.003358 0.000000 1711695.272 0.000

L9.Temp -0.004259 0.000000 -4021700.376 0.000

L9.Precip. horaria -0.001235 0.000000 -3519.406 0.000

L9.Temp. prom aire -0.016400 NAN NAN NAN

L10.Conduct -0.029929 0.000000 -26203218.530 0.000

L10.Water 0.009216 0.000000 2852547.914 0.000

L10.Temp 0.013827 NAN NAN NAN

L10.Precip. horaria 0.000636 0.000001 840.708 0.000

L10.Temp. prom aire 0.018853 0.000000 8983087.374 0.000

L11.Conduct 0.027743 0.000000 17809664.638 0.000

L11.Water 0.001351 NAN NAN NAN

L11.Temp 0.004944 0.000000 3060516.437 0.000

L11.Precip. horaria -0.000960 0.000000 -4025.435 0.000

L11.Temp. prom aire -0.005547 0.000000 -1870448.979 0.000

L12.Conduct 0.013461 NAN NAN NAN

L12.Water 0.006374 NAN NAN NAN

L12.Temp 0.008216 NAN NAN NAN

L12.Precip. horaria 0.001039 NAN NAN NAN

L12.Temp. prom aire 0.016287 NAN NAN NAN

L13.Conduct 0.045136 0.000000 22182320.349 0.000

L13.Water 0.002851 0.000000 636332.496 0.000

L13.Temp -0.011956 0.000000 -7469918.872 0.000

L13.Precip. horaria -0.001099 0.000001 -1807.383 0.000

L13.Temp. prom aire -0.011383 NAN NAN NAN

L14.Conduct -0.030136 0.000000 -16836562.159 0.000

L14.Water 0.003807 0.000000 1044157.523 0.000

L14.Temp 0.013328 0.000000 11655152.831 0.000

L14.Precip. horaria 0.000952 0.000000 1965.914 0.000

L14.Temp. prom aire 0.012187 NAN NAN NAN

L15.Conduct 0.018749 0.000000 6373746.651 0.000

L15.Water 0.006086 0.000000 5393950.642 0.000

L15.Temp 0.001076 NAN NAN NAN

L15.Precip. horaria -0.000326 0.000001 -386.829 0.000

L15.Temp. prom aire -0.004373 NAN NAN NAN

L16.Conduct -0.018202 NAN NAN NAN

L16.Water 0.002724 0.000000 1220183.110 0.000

L16.Temp 0.004941 NAN NAN NAN

L16.Precip. horaria 0.000394 NAN NAN NAN

L16.Temp. prom aire 0.003504 NAN NAN NAN

L17.Conduct 0.021745 0.000000 7423877.985 0.000

L17.Water -0.001806 0.000000 -257527.390 0.000

L17.Temp -0.001922 NAN NAN NAN

L17.Precip. horaria -0.000494 0.000001 -539.353 0.000

L17.Temp. prom aire 0.003091 0.000000 2272430.991 0.000

L18.Conduct 0.009456 0.000000 13586382.291 0.000

L18.Water 0.007742 0.000000 4268426.936 0.000

L18.Temp 0.012806 NAN NAN NAN

L18.Precip. horaria 0.000229 0.000001 285.767 0.000

L18.Temp. prom aire -0.015279 0.000000 -9227361.123 0.000

L19.Conduct 0.028634 0.000000 28867550.324 0.000

L19.Water 0.009021 NAN NAN NAN

L19.Temp -0.010874 NAN NAN NAN

L19.Precip. horaria -0.000151 NAN NAN NAN

L19.Temp. prom aire 0.031945 NAN NAN NAN

L20.Conduct -0.032381 0.000000 -11041345.536 0.000

L20.Water -0.004520 0.000000 -1397560.109 0.000

L20.Temp 0.005325 0.000000 16095739.177 0.000

L20.Precip. horaria 0.000497 0.000001 584.020 0.000

L20.Temp. prom aire -0.022475 0.000000 -8207251.511 0.000

L21.Conduct 0.018879 NAN NAN NAN

L21.Water 0.004558 NAN NAN NAN

L21.Temp 0.008592 NAN NAN NAN

L21.Precip. horaria -0.000483 NAN NAN NAN

L21.Temp. prom aire 0.015708 NAN NAN NAN

L22.Conduct 0.021395 0.000000 6724355.434 0.000

L22.Water 0.004790 NAN NAN NAN

L22.Temp 0.008881 0.000000 8335935.117 0.000

L22.Precip. horaria 0.000014 NAN NAN NAN

L22.Temp. prom aire -0.004581 NAN NAN NAN

L23.Conduct -0.002827 NAN NAN NAN

L23.Water -0.000180 0.000000 -57170.296 0.000

L23.Temp -0.007941 0.000000 -64705635.055 0.000

L23.Precip. horaria 0.000212 0.000001 266.729 0.000

L23.Temp. prom aire 0.011609 NAN NAN NAN

L24.Conduct 0.001258 0.000000 434316.651 0.000

L24.Water 0.001313 NAN NAN NAN

L24.Temp 0.011648 0.000000 16611735.752 0.000

L24.Precip. horaria -0.000027 NAN NAN NAN

L24.Temp. prom aire -0.006107 0.000000 -2712261.369 0.000

L25.Conduct 0.005774 0.000000 1857719.276 0.000

L25.Water 0.001233 0.000000 174128.783 0.000

L25.Temp 0.002546 NAN NAN NAN

L25.Precip. horaria 0.000023 0.000039 0.605 0.545

L25.Temp. prom aire 0.022445 0.000000 9338020.698 0.000

L26.Conduct 0.009325 0.000000 3385116.507 0.000

L26.Water 0.002440 NAN NAN NAN

L26.Temp 0.005076 0.000000 2783071.745 0.000

L26.Precip. horaria -0.000010 0.000047 -0.222 0.825

L26.Temp. prom aire -0.008971 0.000000 -20153558.090 0.000

L27.Conduct 0.002962 NAN NAN NAN

L27.Water 0.000200 0.000000 114018.991 0.000

L27.Temp -0.011485 0.000000 -10037770.258 0.000

L27.Precip. horaria 0.000008 0.000020 0.407 0.684

L27.Temp. prom aire -0.006485 NAN NAN NAN

L28.Conduct 0.005762 0.000000 2165366.949 0.000

L28.Water 0.002230 NAN NAN NAN

L28.Temp 0.029784 0.000000 23336435.331 0.000

L28.Precip. horaria -0.000011 0.000015 -0.749 0.454

L28.Temp. prom aire 0.005458 NAN NAN NAN

L29.Conduct 0.009511 0.000000 5461978.575 0.000

L29.Water 0.001474 NAN NAN NAN

L29.Temp -0.014863 0.000000 -16847922.289 0.000

L29.Precip. horaria 0.000005 0.000060 0.083 0.934

L29.Temp. prom aire 0.013670 0.000000 19479604.716 0.000

L30.Conduct -0.000947 NAN NAN NAN

L30.Water -0.002892 NAN NAN NAN

L30.Temp 0.008102 0.000000 7860988.694 0.000

L30.Precip. horaria -0.000012 0.000018 -0.625 0.532

L30.Temp. prom aire -0.015765 0.000000 -12759964.418 0.000

L31.Conduct 0.011464 0.000000 7734535.462 0.000

L31.Water 0.003271 0.000000 1039242.942 0.000

L31.Temp 0.006862 NAN NAN NAN

L31.Precip. horaria 0.000014 0.000047 0.296 0.767

L31.Temp. prom aire 0.021830 0.000000 9237313.702 0.000

L32.Conduct -0.000659 0.000000 -1000389.259 0.000

L32.Water -0.000261 0.000000 -78708.979 0.000

L32.Temp 0.000206 NAN NAN NAN

L32.Precip. horaria -0.000005 0.000027 -0.191 0.848

L32.Temp. prom aire -0.014776 NAN NAN NAN

L33.Conduct 0.004066 0.000000 2220847.821 0.000

L33.Water 0.002710 NAN NAN NAN

L33.Temp -0.001156 0.000000 -2236535.574 0.000

L33.Precip. horaria 0.000010 NAN NAN NAN

L33.Temp. prom aire 0.009781 NAN NAN NAN

L34.Conduct -0.000851 0.000000 -544876.249 0.000

L34.Water 0.000587 0.000000 189092.129 0.000

L34.Temp 0.010794 NAN NAN NAN

L34.Precip. horaria -0.000091 NAN NAN NAN

L34.Temp. prom aire 0.006838 NAN NAN NAN

L35.Conduct 0.001984 0.000000 2387017.232 0.000

L35.Water 0.006418 NAN NAN NAN

L35.Temp -0.015351 NAN NAN NAN

L35.Precip. horaria 0.000107 0.000006 19.235 0.000

L35.Temp. prom aire -0.006134 NAN NAN NAN

L36.Conduct -0.001551 0.000000 -1760508.163 0.000

L36.Water -0.004124 0.000000 -1295377.352 0.000

L36.Temp 0.027863 0.000000 15860701.639 0.000

L36.Precip. horaria -0.000014 NAN NAN NAN

L36.Temp. prom aire 0.002828 0.000000 1886231.230 0.000

L37.Conduct 0.003222 0.000000 3087258.864 0.000

L37.Water 0.008146 0.000000 6761499.971 0.000

L37.Temp -0.013587 NAN NAN NAN

L37.Precip. horaria -0.000038 0.000003 -11.405 0.000

L37.Temp. prom aire 0.006945 NAN NAN NAN

L38.Conduct 0.004890 NAN NAN NAN

L38.Water 0.001330 NAN NAN NAN

L38.Temp 0.014114 0.000000 95654306.097 0.000

L38.Precip. horaria -0.000031 NAN NAN NAN

L38.Temp. prom aire 0.001461 NAN NAN NAN

L39.Conduct 0.007850 NAN NAN NAN

L39.Water 0.007363 0.000000 3470659.281 0.000

L39.Temp -0.004353 NAN NAN NAN

L39.Precip. horaria -0.000045 0.000002 -26.292 0.000

L39.Temp. prom aire 0.001984 0.000000 2171975.536 0.000

L40.Conduct 0.003081 NAN NAN NAN

L40.Water 0.003120 0.000000 1425186.730 0.000

L40.Temp 0.010054 0.000000 4371868.116 0.000

L40.Precip. horaria 0.000067 NAN NAN NAN

L40.Temp. prom aire 0.004194 0.000000 1362718.099 0.000

L41.Conduct -0.006614 0.000000 -4022935.512 0.000

L41.Water 0.001358 0.000000 877628.669 0.000

L41.Temp -0.000911 NAN NAN NAN

L41.Precip. horaria 0.000183 NAN NAN NAN

L41.Temp. prom aire -0.003163 0.000000 -908929.346 0.000

L42.Conduct 0.000261 NAN NAN NAN

L42.Water -0.000623 0.000000 -456507.194 0.000

L42.Temp 0.017949 NAN NAN NAN

L42.Precip. horaria -0.000380 0.000001 -311.209 0.000

L42.Temp. prom aire 0.008264 0.000000 2025679.736 0.000

L43.Conduct -0.007665 0.000000 -7057463.184 0.000

L43.Water 0.006935 0.000000 5220106.509 0.000

L43.Temp 0.000196 0.000000 124975.739 0.000

L43.Precip. horaria -0.000080 NAN NAN NAN

L43.Temp. prom aire 0.005388 0.000000 1851264.747 0.000

L44.Conduct 0.001993 NAN NAN NAN

L44.Water 0.000929 0.000000 659151.398 0.000

L44.Temp -0.002439 NAN NAN NAN

L44.Precip. horaria 0.000498 NAN NAN NAN

L44.Temp. prom aire 0.002792 NAN NAN NAN

L45.Conduct 0.056629 0.000000 94804512.265 0.000

L45.Water 0.020349 0.000000 11599753.343 0.000

L45.Temp 0.006434 NAN NAN NAN

L45.Precip. horaria -0.000227 0.000001 -197.811 0.000

L45.Temp. prom aire -0.004464 0.000000 -1041744.886 0.000

L46.Conduct 0.007957 0.000000 7931565.782 0.000

L46.Water -0.000604 0.000000 -454570.576 0.000

L46.Temp 0.006393 NAN NAN NAN

L46.Precip. horaria 0.000452 NAN NAN NAN

L46.Temp. prom aire 0.007051 0.000000 2092745.372 0.000

L47.Conduct -0.024189 0.000000 -20547815.804 0.000

L47.Water -0.009477 0.000000 -11681257.357 0.000

L47.Temp 0.003475 0.000000 3271224.969 0.000

L47.Precip. horaria 0.000224 NAN NAN NAN

L47.Temp. prom aire -0.007396 NAN NAN NAN

L48.Conduct -0.013487 0.000000 -20751465.985 0.000

L48.Water 0.014285 NAN NAN NAN

L48.Temp 0.010095 NAN NAN NAN

L48.Precip. horaria -0.000799 NAN NAN NAN

L48.Temp. prom aire 0.019040 0.000000 47476398.676 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.595524 -0.177960 0.467654 0.089120

Water 0.595524 1.000000 -0.844845 0.835978 -0.558024

Temp -0.177960 -0.844845 1.000000 -0.763536 0.852974

Precip. horaria 0.467654 0.835978 -0.763536 1.000000 -0.538754

Temp. prom aire 0.089120 -0.558024 0.852974 -0.538754 1.000000

1. Sensor Norte Medio (A84041D7F1843972):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -159.082

Nobs: 23.0000 HQIC: -203.610

Log likelihood: 3555.40 FPE: -9.65595e-141

AIC: -218.572 Det(Omega\_mle): -4.84635e-146

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000451 NAN NAN NAN

L1.Conduct 0.024298 NAN NAN NAN

L1.Water -0.008251 NAN NAN NAN

L1.Temp 0.012316 0.000000 2965161.994 0.000

L1.Precip. horaria -0.004067 NAN NAN NAN

L1.Temp. prom aire 0.017124 NAN NAN NAN

L2.Conduct -0.118711 NAN NAN NAN

L2.Water -0.030229 NAN NAN NAN

L2.Temp 0.064680 NAN NAN NAN

L2.Precip. horaria 0.000773 0.000001 1097.325 0.000

L2.Temp. prom aire 0.191140 NAN NAN NAN

L3.Conduct 0.105684 NAN NAN NAN

L3.Water 0.067433 0.000000 55073024.375 0.000

L3.Temp -0.094976 NAN NAN NAN

L3.Precip. horaria -0.010851 0.000000 -24670.169 0.000

L3.Temp. prom aire -0.115748 0.000000 -27225873.006 0.000

L4.Conduct 0.074985 0.000000 48902389.839 0.000

L4.Water 0.016970 0.000000 6614019.212 0.000

L4.Temp -0.095991 NAN NAN NAN

L4.Precip. horaria 0.012747 0.000000 80539.650 0.000

L4.Temp. prom aire -0.032264 NAN NAN NAN

L5.Conduct -0.080450 0.000000 -22182168.473 0.000

L5.Water -0.028635 NAN NAN NAN

L5.Temp -0.047314 0.000000 -10690788.447 0.000

L5.Precip. horaria 0.001308 0.000000 3243.272 0.000

L5.Temp. prom aire -0.107053 NAN NAN NAN

L6.Conduct -0.211141 0.000000 -150060513.013 0.000

L6.Water -0.075215 NAN NAN NAN

L6.Temp 0.036627 NAN NAN NAN

L6.Precip. horaria 0.003101 0.000001 4932.870 0.000

L6.Temp. prom aire 0.066664 NAN NAN NAN

L7.Conduct -0.030117 0.000000 -14505487.818 0.000

L7.Water 0.008985 0.000000 1167127.609 0.000

L7.Temp 0.075141 0.000000 29349804.898 0.000

L7.Precip. horaria -0.007206 0.000001 -8292.490 0.000

L7.Temp. prom aire 0.027035 NAN NAN NAN

L8.Conduct -0.045009 0.000000 -12440606.993 0.000

L8.Water 0.008265 0.000000 1558818.079 0.000

L8.Temp -0.000033 NAN NAN NAN

L8.Precip. horaria -0.000309 0.000000 -638.701 0.000

L8.Temp. prom aire 0.040385 0.000000 17230612.359 0.000

L9.Conduct 0.047511 0.000000 10120204.918 0.000

L9.Water 0.027932 NAN NAN NAN

L9.Temp 0.005913 0.000000 2207816.918 0.000

L9.Precip. horaria 0.000602 NAN NAN NAN

L9.Temp. prom aire -0.061025 NAN NAN NAN

L10.Conduct 0.000189 0.000000 49943.447 0.000

L10.Water 0.001328 NAN NAN NAN

L10.Temp 0.002632 0.000000 855655.508 0.000

L10.Precip. horaria 0.001363 0.000001 1032.670 0.000

L10.Temp. prom aire 0.033708 0.000000 13937245.217 0.000

L11.Conduct 0.074361 NAN NAN NAN

L11.Water 0.018862 NAN NAN NAN

L11.Temp -0.002974 NAN NAN NAN

L11.Precip. horaria 0.001312 NAN NAN NAN

L11.Temp. prom aire -0.013025 0.000000 -3848714.601 0.000

L12.Conduct -0.030944 0.000000 -6379232.738 0.000

L12.Water -0.009733 NAN NAN NAN

L12.Temp 0.029195 NAN NAN NAN

L12.Precip. horaria -0.000695 0.000002 -373.183 0.000

L12.Temp. prom aire 0.024743 NAN NAN NAN

L13.Conduct 0.025337 0.000000 11830374.545 0.000

L13.Water 0.013648 NAN NAN NAN

L13.Temp -0.003654 NAN NAN NAN

L13.Precip. horaria -0.001154 NAN NAN NAN

L13.Temp. prom aire -0.013796 NAN NAN NAN

L14.Conduct -0.045051 0.000000 -8075880.064 0.000

L14.Water -0.003155 NAN NAN NAN

L14.Temp 0.071020 NAN NAN NAN

L14.Precip. horaria -0.001015 NAN NAN NAN

L14.Temp. prom aire -0.028596 0.000000 -7619439.365 0.000

L15.Conduct 0.069975 0.000000 14874824.198 0.000

L15.Water 0.028023 NAN NAN NAN

L15.Temp -0.060142 0.000000 -51565309.252 0.000

L15.Precip. horaria 0.000818 0.000002 475.444 0.000

L15.Temp. prom aire 0.231986 0.000000 84291502.373 0.000

L16.Conduct 0.026890 0.000000 6312273.504 0.000

L16.Water 0.016517 0.000000 1893960.163 0.000

L16.Temp -0.000058 0.000000 -21282.777 0.000

L16.Precip. horaria 0.000671 0.000001 999.051 0.000

L16.Temp. prom aire -0.191009 NAN NAN NAN

L17.Conduct -0.071614 NAN NAN NAN

L17.Water -0.018669 0.000000 -9021300.644 0.000

L17.Temp 0.058586 NAN NAN NAN

L17.Precip. horaria 0.001801 NAN NAN NAN

L17.Temp. prom aire 0.081607 0.000000 65057044.269 0.000

L18.Conduct -0.002065 0.000000 -448506.187 0.000

L18.Water 0.002173 0.000000 307843.646 0.000

L18.Temp 0.001771 NAN NAN NAN

L18.Precip. horaria -0.001900 0.000001 -1916.713 0.000

L18.Temp. prom aire -0.152016 NAN NAN NAN

L19.Conduct -0.020787 0.000000 -1708363.051 0.000

L19.Water -0.001426 0.000000 -115974.357 0.000

L19.Temp 0.015142 NAN NAN NAN

L19.Precip. horaria -0.000077 0.000001 -97.387 0.000

L19.Temp. prom aire 0.091370 NAN NAN NAN

L20.Conduct 0.054501 NAN NAN NAN

L20.Water 0.021648 0.000000 14550280.476 0.000

L20.Temp 0.026300 NAN NAN NAN

L20.Precip. horaria -0.000482 0.000002 -292.455 0.000

L20.Temp. prom aire 0.001680 NAN NAN NAN

L21.Conduct -0.007215 NAN NAN NAN

L21.Water 0.002002 0.000000 174342.379 0.000

L21.Temp -0.042007 0.000000 -38713986.558 0.000

L21.Precip. horaria 0.000681 NAN NAN NAN

L21.Temp. prom aire 0.072008 0.000000 32692308.022 0.000

L22.Conduct -0.045268 NAN NAN NAN

L22.Water -0.007988 NAN NAN NAN

L22.Temp 0.010073 NAN NAN NAN

L22.Precip. horaria 0.000383 0.000003 134.633 0.000

L22.Temp. prom aire -0.034365 0.000000 -7640756.888 0.000

L23.Conduct -0.079595 NAN NAN NAN

L23.Water -0.014020 0.000000 -1407639.973 0.000

L23.Temp 0.023185 NAN NAN NAN

L23.Precip. horaria -0.000165 0.000003 -53.103 0.000

L23.Temp. prom aire -0.072589 NAN NAN NAN

L24.Conduct -0.002028 NAN NAN NAN

L24.Water 0.007316 0.000000 915689.030 0.000

L24.Temp 0.196812 NAN NAN NAN

L24.Precip. horaria -0.000109 0.000082 -1.327 0.185

L24.Temp. prom aire 0.127506 NAN NAN NAN

L25.Conduct 0.009945 0.000000 3134562.967 0.000

L25.Water -0.000662 NAN NAN NAN

L25.Temp -0.067286 0.000000 -43915800.631 0.000

L25.Precip. horaria -0.000004 NAN NAN NAN

L25.Temp. prom aire 0.050835 NAN NAN NAN

L26.Conduct 0.031029 NAN NAN NAN

L26.Water 0.003518 NAN NAN NAN

L26.Temp 0.028292 NAN NAN NAN

L26.Precip. horaria -0.000021 NAN NAN NAN

L26.Temp. prom aire -0.012006 0.000000 -6482747.900 0.000

L27.Conduct 0.046430 NAN NAN NAN

L27.Water 0.012915 0.000000 1806877.484 0.000

L27.Temp 0.081685 NAN NAN NAN

L27.Precip. horaria 0.000047 0.000188 0.251 0.802

L27.Temp. prom aire 0.066304 0.000000 15283489.002 0.000

L28.Conduct -0.000737 0.000000 -200164.381 0.000

L28.Water -0.000011 NAN NAN NAN

L28.Temp -0.045505 0.000000 -139310392.193 0.000

L28.Precip. horaria 0.000013 0.000107 0.118 0.906

L28.Temp. prom aire -0.019482 0.000000 -16835644.164 0.000

L29.Conduct -0.000557 0.000000 -215556.017 0.000

L29.Water 0.001350 NAN NAN NAN

L29.Temp 0.016139 0.000000 18960726.117 0.000

L29.Precip. horaria -0.000003 0.000125 -0.022 0.983

L29.Temp. prom aire -0.042977 0.000000 -17769142.468 0.000

L30.Conduct -0.026074 NAN NAN NAN

L30.Water -0.012194 0.000000 -2586572.513 0.000

L30.Temp 0.044244 0.000000 18465294.075 0.000

L30.Precip. horaria -0.000029 0.000043 -0.672 0.502

L30.Temp. prom aire 0.022841 0.000000 11870860.891 0.000

L31.Conduct -0.014382 0.000000 -4291305.437 0.000

L31.Water -0.008327 0.000000 -852996.926 0.000

L31.Temp 0.025524 NAN NAN NAN

L31.Precip. horaria -0.000023 0.000030 -0.763 0.445

L31.Temp. prom aire 0.020738 0.000000 4334044.980 0.000

L32.Conduct -0.060563 0.000000 -13534576.909 0.000

L32.Water -0.076550 0.000000 -22545606.374 0.000

L32.Temp 0.201568 NAN NAN NAN

L32.Precip. horaria -0.000054 0.000075 -0.716 0.474

L32.Temp. prom aire 0.038886 NAN NAN NAN

L33.Conduct 0.020496 NAN NAN NAN

L33.Water -0.000243 0.000000 -70985.500 0.000

L33.Temp -0.041828 0.000000 -19958501.513 0.000

L33.Precip. horaria 0.000025 NAN NAN NAN

L33.Temp. prom aire 0.043108 0.000000 10042305.269 0.000

L34.Conduct -0.004747 NAN NAN NAN

L34.Water -0.030248 0.000000 -14699258.105 0.000

L34.Temp 0.011947 NAN NAN NAN

L34.Precip. horaria 0.000004 NAN NAN NAN

L34.Temp. prom aire -0.006746 0.000000 -1581051.360 0.000

L35.Conduct 0.018232 0.000000 5766827.048 0.000

L35.Water 0.019258 0.000000 4800918.958 0.000

L35.Temp -0.095550 0.000000 -29553056.549 0.000

L35.Precip. horaria 0.000051 0.000005 9.911 0.000

L35.Temp. prom aire 0.003333 NAN NAN NAN

L36.Conduct -0.008746 0.000000 -4174204.175 0.000

L36.Water 0.003171 NAN NAN NAN

L36.Temp 0.037915 0.000000 17408009.168 0.000

L36.Precip. horaria -0.001301 NAN NAN NAN

L36.Temp. prom aire -0.001595 NAN NAN NAN

L37.Conduct -0.001702 0.000000 -441030.068 0.000

L37.Water 0.002507 NAN NAN NAN

L37.Temp 0.037785 NAN NAN NAN

L37.Precip. horaria 0.001480 NAN NAN NAN

L37.Temp. prom aire -0.024718 NAN NAN NAN

L38.Conduct -0.027365 NAN NAN NAN

L38.Water -0.038784 0.000000 -17238733.741 0.000

L38.Temp 0.054180 NAN NAN NAN

L38.Precip. horaria -0.000004 NAN NAN NAN

L38.Temp. prom aire -0.001744 0.000000 -760116.546 0.000

L39.Conduct -0.040770 NAN NAN NAN

L39.Water -0.026118 0.000000 -9750775.550 0.000

L39.Temp 0.022350 NAN NAN NAN

L39.Precip. horaria -0.000685 NAN NAN NAN

L39.Temp. prom aire 0.048064 NAN NAN NAN

L40.Conduct 0.041117 0.000000 33544654.594 0.000

L40.Water 0.036295 NAN NAN NAN

L40.Temp -0.020576 NAN NAN NAN

L40.Precip. horaria -0.000671 NAN NAN NAN

L40.Temp. prom aire 0.103489 0.000000 47825119.113 0.000

L41.Conduct 0.064479 NAN NAN NAN

L41.Water 0.073478 NAN NAN NAN

L41.Temp -0.018441 NAN NAN NAN

L41.Precip. horaria -0.002516 NAN NAN NAN

L41.Temp. prom aire -0.052114 0.000000 -12665761.736 0.000

L42.Conduct 0.035523 NAN NAN NAN

L42.Water 0.025772 0.000000 6202506.462 0.000

L42.Temp 0.006744 NAN NAN NAN

L42.Precip. horaria 0.004675 NAN NAN NAN

L42.Temp. prom aire -0.042582 0.000000 -7710311.150 0.000

L43.Conduct -0.224962 0.000000 -113982177.288 0.000

L43.Water -0.113654 NAN NAN NAN

L43.Temp 0.087134 NAN NAN NAN

L43.Precip. horaria -0.000091 0.000002 -43.410 0.000

L43.Temp. prom aire -0.009422 0.000000 -1655471.455 0.000

L44.Conduct -0.087793 NAN NAN NAN

L44.Water -0.036103 0.000000 -9564541.907 0.000

L44.Temp 0.021576 NAN NAN NAN

L44.Precip. horaria -0.005453 NAN NAN NAN

L44.Temp. prom aire 0.113754 NAN NAN NAN

L45.Conduct 0.111948 NAN NAN NAN

L45.Water 0.062118 0.000000 19226063.987 0.000

L45.Temp 0.004473 0.000000 4408954.183 0.000

L45.Precip. horaria -0.002117 0.000001 -2340.685 0.000

L45.Temp. prom aire 0.003586 0.000000 328349.565 0.000

L46.Conduct 0.125845 NAN NAN NAN

L46.Water 0.130471 NAN NAN NAN

L46.Temp -0.124078 0.000000 -18612322.475 0.000

L46.Precip. horaria 0.004907 NAN NAN NAN

L46.Temp. prom aire -0.043659 NAN NAN NAN

L47.Conduct 0.539464 0.000000 467389608.104 0.000

L47.Water 0.293537 0.000000 124418648.026 0.000

L47.Temp 0.074835 NAN NAN NAN

L47.Precip. horaria 0.007433 0.000001 11279.734 0.000

L47.Temp. prom aire -0.102626 0.000000 -17209788.136 0.000

L48.Conduct -0.206795 NAN NAN NAN

L48.Water -0.094284 0.000000 -31459445.950 0.000

L48.Temp -0.013719 0.000000 -3193788.101 0.000

L48.Precip. horaria -0.000359 NAN NAN NAN

L48.Temp. prom aire 0.067995 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000271 NAN NAN NAN

L1.Conduct -0.026632 NAN NAN NAN

L1.Water 0.000516 NAN NAN NAN

L1.Temp 0.003012 0.000000 1853220.181 0.000

L1.Precip. horaria -0.000688 NAN NAN NAN

L1.Temp. prom aire 0.011991 NAN NAN NAN

L2.Conduct -0.054481 NAN NAN NAN

L2.Water -0.010959 NAN NAN NAN

L2.Temp 0.013756 NAN NAN NAN

L2.Precip. horaria -0.000068 0.000000 -245.713 0.000

L2.Temp. prom aire 0.041911 NAN NAN NAN

L3.Conduct 0.045243 NAN NAN NAN

L3.Water 0.022123 0.000000 46181716.357 0.000

L3.Temp -0.022752 NAN NAN NAN

L3.Precip. horaria -0.002625 0.000000 -15256.038 0.000

L3.Temp. prom aire -0.032710 0.000000 -19665362.160 0.000

L4.Conduct 0.070603 0.000000 117689674.664 0.000

L4.Water 0.018902 0.000000 18829989.775 0.000

L4.Temp -0.022015 NAN NAN NAN

L4.Precip. horaria 0.003519 0.000000 56828.001 0.000

L4.Temp. prom aire -0.010435 NAN NAN NAN

L5.Conduct 0.043331 0.000000 30537044.936 0.000

L5.Water 0.013163 NAN NAN NAN

L5.Temp -0.007890 0.000000 -4556823.317 0.000

L5.Precip. horaria 0.000225 0.000000 1426.153 0.000

L5.Temp. prom aire -0.020542 NAN NAN NAN

L6.Conduct -0.046469 0.000000 -84413166.199 0.000

L6.Water -0.012606 NAN NAN NAN

L6.Temp 0.011009 NAN NAN NAN

L6.Precip. horaria 0.000102 0.000000 415.389 0.000

L6.Temp. prom aire 0.025559 NAN NAN NAN

L7.Conduct 0.006009 0.000000 7397448.085 0.000

L7.Water 0.011278 0.000000 3744607.485 0.000

L7.Temp 0.015486 0.000000 15460708.993 0.000

L7.Precip. horaria -0.002059 0.000000 -6056.044 0.000

L7.Temp. prom aire 0.012862 NAN NAN NAN

L8.Conduct -0.005360 0.000000 -3786985.713 0.000

L8.Water 0.007111 0.000000 3427699.235 0.000

L8.Temp -0.013915 NAN NAN NAN

L8.Precip. horaria 0.000143 0.000000 756.958 0.000

L8.Temp. prom aire -0.001862 0.000000 -2030955.244 0.000

L9.Conduct 0.013993 0.000000 7618581.931 0.000

L9.Water 0.004350 NAN NAN NAN

L9.Temp -0.004604 0.000000 -4394186.253 0.000

L9.Precip. horaria 0.001282 NAN NAN NAN

L9.Temp. prom aire -0.020051 NAN NAN NAN

L10.Conduct 0.008458 0.000000 5721846.702 0.000

L10.Water -0.000738 NAN NAN NAN

L10.Temp -0.001714 0.000000 -1424306.119 0.000

L10.Precip. horaria -0.000151 0.000001 -292.499 0.000

L10.Temp. prom aire 0.001976 0.000000 2088449.190 0.000

L11.Conduct 0.045476 NAN NAN NAN

L11.Water 0.011272 NAN NAN NAN

L11.Temp 0.006056 NAN NAN NAN

L11.Precip. horaria 0.000166 NAN NAN NAN

L11.Temp. prom aire 0.006753 0.000000 5100321.564 0.000

L12.Conduct 0.006611 0.000000 3483619.380 0.000

L12.Water 0.001261 NAN NAN NAN

L12.Temp 0.010892 NAN NAN NAN

L12.Precip. horaria -0.000410 0.000001 -562.463 0.000

L12.Temp. prom aire 0.014290 NAN NAN NAN

L13.Conduct 0.023515 0.000000 28064186.310 0.000

L13.Water 0.006172 NAN NAN NAN

L13.Temp -0.003787 NAN NAN NAN

L13.Precip. horaria -0.000193 NAN NAN NAN

L13.Temp. prom aire -0.005022 NAN NAN NAN

L14.Conduct -0.014643 0.000000 -6709431.163 0.000

L14.Water -0.005046 NAN NAN NAN

L14.Temp 0.019238 NAN NAN NAN

L14.Precip. horaria -0.000330 NAN NAN NAN

L14.Temp. prom aire -0.013123 0.000000 -8937315.689 0.000

L15.Conduct 0.038852 0.000000 21109392.334 0.000

L15.Water 0.009251 NAN NAN NAN

L15.Temp -0.016136 0.000000 -35360861.189 0.000

L15.Precip. horaria 0.000434 0.000001 644.891 0.000

L15.Temp. prom aire 0.064075 0.000000 59507065.439 0.000

L16.Conduct 0.023194 0.000000 13916591.208 0.000

L16.Water 0.005886 0.000000 1725272.316 0.000

L16.Temp 0.002553 0.000000 2386200.124 0.000

L16.Precip. horaria 0.000198 0.000000 755.253 0.000

L16.Temp. prom aire -0.053432 NAN NAN NAN

L17.Conduct -0.052047 NAN NAN NAN

L17.Water -0.017049 0.000000 -21057220.151 0.000

L17.Temp 0.025192 NAN NAN NAN

L17.Precip. horaria 0.000568 NAN NAN NAN

L17.Temp. prom aire 0.033823 0.000000 68918973.035 0.000

L18.Conduct -0.021723 0.000000 -12059980.271 0.000

L18.Water -0.004896 0.000000 -1772941.384 0.000

L18.Temp 0.008389 NAN NAN NAN

L18.Precip. horaria -0.001004 0.000000 -2588.862 0.000

L18.Temp. prom aire -0.034318 NAN NAN NAN

L19.Conduct -0.012877 0.000000 -2704938.665 0.000

L19.Water -0.000672 0.000000 -139669.565 0.000

L19.Temp 0.010921 NAN NAN NAN

L19.Precip. horaria 0.000010 0.000000 33.630 0.000

L19.Temp. prom aire 0.030567 NAN NAN NAN

L20.Conduct 0.003837 NAN NAN NAN

L20.Water 0.004228 0.000000 7263207.803 0.000

L20.Temp 0.013547 NAN NAN NAN

L20.Precip. horaria 0.000197 0.000001 306.056 0.000

L20.Temp. prom aire 0.003907 NAN NAN NAN

L21.Conduct -0.030038 NAN NAN NAN

L21.Water -0.006586 0.000000 -1465734.113 0.000

L21.Temp 0.002059 0.000000 4851029.237 0.000

L21.Precip. horaria 0.000333 NAN NAN NAN

L21.Temp. prom aire 0.015629 0.000000 18135804.151 0.000

L22.Conduct -0.032745 NAN NAN NAN

L22.Water -0.007128 NAN NAN NAN

L22.Temp 0.014913 NAN NAN NAN

L22.Precip. horaria -0.000043 0.000001 -38.233 0.000

L22.Temp. prom aire -0.004577 0.000000 -2601304.007 0.000

L23.Conduct -0.023381 NAN NAN NAN

L23.Water -0.002984 0.000000 -765885.248 0.000

L23.Temp 0.013529 NAN NAN NAN

L23.Precip. horaria -0.000282 0.000001 -231.842 0.000

L23.Temp. prom aire -0.021000 NAN NAN NAN

L24.Conduct -0.000868 NAN NAN NAN

L24.Water 0.003333 0.000000 1066356.581 0.000

L24.Temp 0.058731 NAN NAN NAN

L24.Precip. horaria -0.000030 0.000032 -0.925 0.355

L24.Temp. prom aire 0.041374 NAN NAN NAN

L25.Conduct -0.000482 0.000000 -388469.679 0.000

L25.Water 0.000657 NAN NAN NAN

L25.Temp -0.013444 0.000000 -22427541.722 0.000

L25.Precip. horaria 0.000002 NAN NAN NAN

L25.Temp. prom aire 0.017468 NAN NAN NAN

L26.Conduct 0.001340 NAN NAN NAN

L26.Water 0.000986 NAN NAN NAN

L26.Temp 0.013162 NAN NAN NAN

L26.Precip. horaria 0.000004 NAN NAN NAN

L26.Temp. prom aire 0.002249 0.000000 3103597.525 0.000

L27.Conduct 0.005370 NAN NAN NAN

L27.Water 0.003641 0.000000 1301922.934 0.000

L27.Temp 0.034286 NAN NAN NAN

L27.Precip. horaria 0.000012 0.000073 0.159 0.874

L27.Temp. prom aire 0.016267 0.000000 9584137.360 0.000

L28.Conduct -0.005711 0.000000 -3964353.999 0.000

L28.Water 0.000350 NAN NAN NAN

L28.Temp -0.000395 0.000000 -3094149.566 0.000

L28.Precip. horaria 0.000001 0.000042 0.032 0.975

L28.Temp. prom aire 0.001030 0.000000 2275771.070 0.000

L29.Conduct 0.001027 0.000000 1016412.689 0.000

L29.Water 0.002006 NAN NAN NAN

L29.Temp 0.018998 0.000000 57049610.090 0.000

L29.Precip. horaria -0.000007 0.000049 -0.151 0.880

L29.Temp. prom aire -0.007056 0.000000 -7456674.295 0.000

L30.Conduct -0.002264 NAN NAN NAN

L30.Water -0.000216 0.000000 -116935.271 0.000

L30.Temp 0.014129 0.000000 15071683.973 0.000

L30.Precip. horaria -0.000007 0.000017 -0.404 0.686

L30.Temp. prom aire 0.018940 0.000000 25160316.003 0.000

L31.Conduct 0.001937 0.000000 1477504.025 0.000

L31.Water 0.001981 0.000000 518546.045 0.000

L31.Temp 0.008340 NAN NAN NAN

L31.Precip. horaria -0.000003 0.000012 -0.221 0.825

L31.Temp. prom aire 0.009512 0.000000 5081376.337 0.000

L32.Conduct -0.012679 0.000000 -7242436.219 0.000

L32.Water -0.016146 0.000000 -12154514.027 0.000

L32.Temp 0.056634 NAN NAN NAN

L32.Precip. horaria -0.000007 0.000030 -0.241 0.810

L32.Temp. prom aire 0.010193 NAN NAN NAN

L33.Conduct 0.006472 NAN NAN NAN

L33.Water 0.003564 0.000000 2659751.259 0.000

L33.Temp -0.007046 0.000000 -8593333.303 0.000

L33.Precip. horaria 0.000006 NAN NAN NAN

L33.Temp. prom aire 0.008545 0.000000 5088075.854 0.000

L34.Conduct -0.002384 NAN NAN NAN

L34.Water -0.007049 0.000000 -8754996.369 0.000

L34.Temp 0.015746 NAN NAN NAN

L34.Precip. horaria 0.000022 NAN NAN NAN

L34.Temp. prom aire 0.001036 0.000000 620751.979 0.000

L35.Conduct 0.004849 0.000000 3920090.093 0.000

L35.Water 0.004316 0.000000 2749856.438 0.000

L35.Temp -0.008606 0.000000 -6803538.448 0.000

L35.Precip. horaria 0.000017 0.000002 8.468 0.000

L35.Temp. prom aire 0.011649 NAN NAN NAN

L36.Conduct 0.000071 0.000000 86366.051 0.000

L36.Water -0.001100 NAN NAN NAN

L36.Temp 0.024381 0.000000 28611569.407 0.000

L36.Precip. horaria -0.000359 NAN NAN NAN

L36.Temp. prom aire 0.008699 NAN NAN NAN

L37.Conduct 0.005982 0.000000 3961532.911 0.000

L37.Water -0.000505 NAN NAN NAN

L37.Temp 0.021966 NAN NAN NAN

L37.Precip. horaria 0.000401 NAN NAN NAN

L37.Temp. prom aire 0.003193 NAN NAN NAN

L38.Conduct 0.001608 NAN NAN NAN

L38.Water -0.008369 0.000000 -9507302.548 0.000

L38.Temp 0.010579 NAN NAN NAN

L38.Precip. horaria -0.000008 NAN NAN NAN

L38.Temp. prom aire 0.000805 0.000000 897082.760 0.000

L39.Conduct -0.004711 NAN NAN NAN

L39.Water -0.006466 0.000000 -6169833.652 0.000

L39.Temp 0.010124 NAN NAN NAN

L39.Precip. horaria -0.000138 NAN NAN NAN

L39.Temp. prom aire 0.012054 NAN NAN NAN

L40.Conduct 0.016577 0.000000 34566475.606 0.000

L40.Water 0.010103 NAN NAN NAN

L40.Temp -0.002813 NAN NAN NAN

L40.Precip. horaria -0.000167 NAN NAN NAN

L40.Temp. prom aire 0.031834 0.000000 37601570.106 0.000

L41.Conduct 0.021141 NAN NAN NAN

L41.Water 0.017536 NAN NAN NAN

L41.Temp -0.001307 NAN NAN NAN

L41.Precip. horaria -0.000726 NAN NAN NAN

L41.Temp. prom aire -0.016731 0.000000 -10393191.483 0.000

L42.Conduct 0.017416 NAN NAN NAN

L42.Water 0.005886 0.000000 3620382.168 0.000

L42.Temp 0.010776 NAN NAN NAN

L42.Precip. horaria 0.001331 NAN NAN NAN

L42.Temp. prom aire -0.010226 0.000000 -4732839.128 0.000

L43.Conduct -0.051627 0.000000 -66858878.791 0.000

L43.Water -0.030410 NAN NAN NAN

L43.Temp 0.029230 NAN NAN NAN

L43.Precip. horaria -0.000003 0.000001 -3.748 0.000

L43.Temp. prom aire 0.002901 0.000000 1302873.936 0.000

L44.Conduct -0.012215 NAN NAN NAN

L44.Water -0.005877 0.000000 -3979449.595 0.000

L44.Temp 0.001599 NAN NAN NAN

L44.Precip. horaria -0.001439 NAN NAN NAN

L44.Temp. prom aire 0.034250 NAN NAN NAN

L45.Conduct 0.029460 NAN NAN NAN

L45.Water 0.014974 0.000000 11845642.489 0.000

L45.Temp -0.000648 0.000000 -1632309.382 0.000

L45.Precip. horaria -0.000641 0.000000 -1812.221 0.000

L45.Temp. prom aire 0.001500 0.000000 351105.205 0.000

L46.Conduct 0.020451 NAN NAN NAN

L46.Water 0.029233 NAN NAN NAN

L46.Temp -0.035946 0.000000 -13782041.892 0.000

L46.Precip. horaria 0.001121 NAN NAN NAN

L46.Temp. prom aire -0.014618 NAN NAN NAN

L47.Conduct 0.130497 0.000000 288983936.326 0.000

L47.Water 0.071762 0.000000 77745818.422 0.000

L47.Temp 0.027650 NAN NAN NAN

L47.Precip. horaria 0.001814 0.000000 7036.875 0.000

L47.Temp. prom aire -0.025776 0.000000 -11048180.779 0.000

L48.Conduct -0.052993 NAN NAN NAN

L48.Water -0.031720 0.000000 -27052504.490 0.000

L48.Temp -0.001561 0.000000 -928839.494 0.000

L48.Precip. horaria -0.000362 NAN NAN NAN

L48.Temp. prom aire 0.021229 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000285 NAN NAN NAN

L1.Conduct -0.003087 NAN NAN NAN

L1.Water 0.006347 NAN NAN NAN

L1.Temp -0.006196 0.000000 -4358143.249 0.000

L1.Precip. horaria -0.000412 NAN NAN NAN

L1.Temp. prom aire -0.012214 NAN NAN NAN

L2.Conduct 0.000195 NAN NAN NAN

L2.Water 0.003418 NAN NAN NAN

L2.Temp 0.009994 NAN NAN NAN

L2.Precip. horaria 0.000259 0.000000 1072.449 0.000

L2.Temp. prom aire 0.013208 NAN NAN NAN

L3.Conduct -0.070042 NAN NAN NAN

L3.Water -0.015921 0.000000 -37988277.243 0.000

L3.Temp 0.005471 NAN NAN NAN

L3.Precip. horaria 0.000547 0.000000 3630.508 0.000

L3.Temp. prom aire -0.008464 0.000000 -5816615.656 0.000

L4.Conduct 0.022114 0.000000 42133566.536 0.000

L4.Water 0.004891 0.000000 5569575.598 0.000

L4.Temp 0.014031 NAN NAN NAN

L4.Precip. horaria -0.000208 0.000000 -3840.115 0.000

L4.Temp. prom aire 0.014924 NAN NAN NAN

L5.Conduct 0.000526 0.000000 423940.635 0.000

L5.Water 0.005614 NAN NAN NAN

L5.Temp 0.010191 0.000000 6727612.220 0.000

L5.Precip. horaria -0.000366 0.000000 -2652.465 0.000

L5.Temp. prom aire -0.009685 NAN NAN NAN

L6.Conduct -0.002200 0.000000 -4568370.201 0.000

L6.Water 0.002079 NAN NAN NAN

L6.Temp 0.019262 NAN NAN NAN

L6.Precip. horaria 0.000868 0.000000 4033.236 0.000

L6.Temp. prom aire 0.028563 NAN NAN NAN

L7.Conduct 0.008556 0.000000 12038493.729 0.000

L7.Water 0.010237 0.000000 3884785.855 0.000

L7.Temp 0.007005 0.000000 7993413.058 0.000

L7.Precip. horaria -0.001251 0.000000 -4204.863 0.000

L7.Temp. prom aire -0.010050 NAN NAN NAN

L8.Conduct 0.003240 0.000000 2615951.088 0.000

L8.Water 0.004753 0.000000 2618625.524 0.000

L8.Temp 0.011543 NAN NAN NAN

L8.Precip. horaria 0.000977 0.000000 5896.514 0.000

L8.Temp. prom aire 0.021033 0.000000 26217412.109 0.000

L9.Conduct 0.001180 0.000000 734414.785 0.000

L9.Water 0.006210 NAN NAN NAN

L9.Temp 0.002122 0.000000 2315146.314 0.000

L9.Precip. horaria -0.000640 NAN NAN NAN

L9.Temp. prom aire -0.010088 NAN NAN NAN

L10.Conduct 0.004349 0.000000 3362669.218 0.000

L10.Water 0.002317 NAN NAN NAN

L10.Temp 0.009529 0.000000 9051898.539 0.000

L10.Precip. horaria 0.000934 0.000000 2066.040 0.000

L10.Temp. prom aire 0.014070 0.000000 16996441.180 0.000

L11.Conduct 0.000261 NAN NAN NAN

L11.Water 0.005384 NAN NAN NAN

L11.Temp 0.006149 NAN NAN NAN

L11.Precip. horaria -0.000848 NAN NAN NAN

L11.Temp. prom aire -0.009279 0.000000 -8010613.159 0.000

L12.Conduct 0.012070 0.000000 7269604.279 0.000

L12.Water 0.005631 NAN NAN NAN

L12.Temp 0.015168 NAN NAN NAN

L12.Precip. horaria 0.000773 0.000001 1213.498 0.000

L12.Temp. prom aire 0.021902 NAN NAN NAN

L13.Conduct 0.000590 0.000000 804263.552 0.000

L13.Water 0.006610 NAN NAN NAN

L13.Temp -0.000050 NAN NAN NAN

L13.Precip. horaria -0.001107 NAN NAN NAN

L13.Temp. prom aire -0.005360 NAN NAN NAN

L14.Conduct 0.024954 0.000000 13069163.725 0.000

L14.Water 0.011647 NAN NAN NAN

L14.Temp 0.011334 NAN NAN NAN

L14.Precip. horaria 0.001032 NAN NAN NAN

L14.Temp. prom aire 0.016094 0.000000 12528209.650 0.000

L15.Conduct -0.010500 0.000000 -6520671.358 0.000

L15.Water -0.000193 NAN NAN NAN

L15.Temp 0.001069 0.000000 2678234.956 0.000

L15.Precip. horaria -0.000435 0.000001 -737.790 0.000

L15.Temp. prom aire -0.012734 0.000000 -13517721.390 0.000

L16.Conduct 0.033917 0.000000 23260764.175 0.000

L16.Water 0.011449 0.000000 3835395.460 0.000

L16.Temp 0.008113 0.000000 8668860.818 0.000

L16.Precip. horaria 0.000395 0.000000 1717.728 0.000

L16.Temp. prom aire 0.007615 NAN NAN NAN

L17.Conduct -0.006537 NAN NAN NAN

L17.Water -0.000229 0.000000 -323052.454 0.000

L17.Temp 0.001103 NAN NAN NAN

L17.Precip. horaria -0.000332 NAN NAN NAN

L17.Temp. prom aire 0.004277 0.000000 9961767.811 0.000

L18.Conduct 0.036364 0.000000 23075819.481 0.000

L18.Water 0.010556 0.000000 4369273.380 0.000

L18.Temp 0.011181 NAN NAN NAN

L18.Precip. horaria 0.000339 0.000000 999.473 0.000

L18.Temp. prom aire -0.000985 NAN NAN NAN

L19.Conduct 0.013581 0.000000 3260766.816 0.000

L19.Water 0.005958 0.000000 1416066.347 0.000

L19.Temp 0.000420 NAN NAN NAN

L19.Precip. horaria -0.000563 0.000000 -2091.915 0.000

L19.Temp. prom aire 0.018408 NAN NAN NAN

L20.Conduct -0.005252 NAN NAN NAN

L20.Water -0.001425 0.000000 -2797312.822 0.000

L20.Temp 0.005322 NAN NAN NAN

L20.Precip. horaria 0.000595 0.000001 1055.735 0.000

L20.Temp. prom aire -0.001149 NAN NAN NAN

L21.Conduct 0.031656 NAN NAN NAN

L21.Water 0.012064 0.000000 3068608.308 0.000

L21.Temp 0.006828 0.000000 18383808.366 0.000

L21.Precip. horaria -0.000552 NAN NAN NAN

L21.Temp. prom aire 0.004614 0.000000 6119470.306 0.000

L22.Conduct -0.003586 NAN NAN NAN

L22.Water -0.000649 NAN NAN NAN

L22.Temp 0.010997 NAN NAN NAN

L22.Precip. horaria 0.000587 0.000001 602.390 0.000

L22.Temp. prom aire 0.002823 0.000000 1833677.991 0.000

L23.Conduct 0.004170 NAN NAN NAN

L23.Water 0.002266 0.000000 664578.837 0.000

L23.Temp 0.002957 NAN NAN NAN

L23.Precip. horaria -0.000196 0.000001 -183.951 0.000

L23.Temp. prom aire 0.008555 NAN NAN NAN

L24.Conduct 0.009170 NAN NAN NAN

L24.Water 0.003379 0.000000 1235842.771 0.000

L24.Temp 0.005683 NAN NAN NAN

L24.Precip. horaria -0.000015 0.000028 -0.518 0.605

L24.Temp. prom aire -0.002785 NAN NAN NAN

L25.Conduct 0.006925 0.000000 6376959.386 0.000

L25.Water 0.003230 NAN NAN NAN

L25.Temp 0.005984 0.000000 11410541.498 0.000

L25.Precip. horaria 0.000010 NAN NAN NAN

L25.Temp. prom aire 0.008619 NAN NAN NAN

L26.Conduct 0.007742 NAN NAN NAN

L26.Water 0.003648 NAN NAN NAN

L26.Temp 0.005660 NAN NAN NAN

L26.Precip. horaria -0.000004 NAN NAN NAN

L26.Temp. prom aire 0.005676 0.000000 8953672.592 0.000

L27.Conduct 0.000176 NAN NAN NAN

L27.Water 0.001618 0.000000 661494.384 0.000

L27.Temp -0.007820 NAN NAN NAN

L27.Precip. horaria 0.000008 0.000064 0.120 0.904

L27.Temp. prom aire -0.007497 0.000000 -5048954.608 0.000

L28.Conduct 0.003559 0.000000 2823877.420 0.000

L28.Water 0.003274 NAN NAN NAN

L28.Temp 0.023006 0.000000 205769214.073 0.000

L28.Precip. horaria -0.000006 0.000037 -0.154 0.878

L28.Temp. prom aire 0.004177 0.000000 10544840.281 0.000

L29.Conduct 0.001539 0.000000 1740683.088 0.000

L29.Water 0.002338 NAN NAN NAN

L29.Temp -0.002139 0.000000 -7340063.071 0.000

L29.Precip. horaria 0.000002 0.000043 0.040 0.968

L29.Temp. prom aire 0.011574 0.000000 13980814.847 0.000

L30.Conduct 0.002199 NAN NAN NAN

L30.Water 0.001048 0.000000 649681.823 0.000

L30.Temp 0.012985 0.000000 15833091.099 0.000

L30.Precip. horaria -0.000007 0.000015 -0.503 0.615

L30.Temp. prom aire -0.009851 0.000000 -14958115.985 0.000

L31.Conduct 0.007097 0.000000 6186895.525 0.000

L31.Water 0.004831 0.000000 1445840.959 0.000

L31.Temp 0.005404 NAN NAN NAN

L31.Precip. horaria 0.000005 0.000010 0.521 0.602

L31.Temp. prom aire 0.023133 0.000000 14124684.355 0.000

L32.Conduct 0.006546 0.000000 4273585.373 0.000

L32.Water 0.005538 0.000000 4765358.093 0.000

L32.Temp -0.002423 NAN NAN NAN

L32.Precip. horaria 0.000002 0.000026 0.088 0.930

L32.Temp. prom aire -0.013521 NAN NAN NAN

L33.Conduct 0.006040 NAN NAN NAN

L33.Water 0.007220 0.000000 6157795.537 0.000

L33.Temp -0.002034 0.000000 -2835301.692 0.000

L33.Precip. horaria 0.000008 NAN NAN NAN

L33.Temp. prom aire 0.015863 0.000000 10796507.623 0.000

L34.Conduct 0.003753 NAN NAN NAN

L34.Water 0.006348 0.000000 9011854.084 0.000

L34.Temp 0.007102 NAN NAN NAN

L34.Precip. horaria -0.000043 NAN NAN NAN

L34.Temp. prom aire -0.010382 0.000000 -7108633.742 0.000

L35.Conduct 0.006068 0.000000 5607719.562 0.000

L35.Water 0.009725 0.000000 7083243.264 0.000

L35.Temp -0.001100 0.000000 -993583.338 0.000

L35.Precip. horaria 0.000064 0.000002 36.246 0.000

L35.Temp. prom aire 0.005936 NAN NAN NAN

L36.Conduct 0.001337 0.000000 1864526.015 0.000

L36.Water 0.001704 NAN NAN NAN

L36.Temp 0.019641 0.000000 26345721.954 0.000

L36.Precip. horaria 0.000025 NAN NAN NAN

L36.Temp. prom aire 0.002557 NAN NAN NAN

L37.Conduct 0.004277 0.000000 3237945.078 0.000

L37.Water 0.007399 NAN NAN NAN

L37.Temp -0.001738 NAN NAN NAN

L37.Precip. horaria -0.000023 NAN NAN NAN

L37.Temp. prom aire 0.006179 NAN NAN NAN

L38.Conduct 0.008055 NAN NAN NAN

L38.Water 0.006760 0.000000 8777712.194 0.000

L38.Temp 0.016039 NAN NAN NAN

L38.Precip. horaria -0.000045 NAN NAN NAN

L38.Temp. prom aire 0.010736 0.000000 13667161.213 0.000

L39.Conduct 0.009807 NAN NAN NAN

L39.Water 0.010563 0.000000 11521730.334 0.000

L39.Temp -0.007319 NAN NAN NAN

L39.Precip. horaria 0.000039 NAN NAN NAN

L39.Temp. prom aire -0.001739 NAN NAN NAN

L40.Conduct 0.007625 0.000000 18172985.369 0.000

L40.Water 0.006942 NAN NAN NAN

L40.Temp 0.012588 NAN NAN NAN

L40.Precip. horaria 0.000072 NAN NAN NAN

L40.Temp. prom aire 0.003792 0.000000 5119742.944 0.000

L41.Conduct -0.001730 NAN NAN NAN

L41.Water 0.002732 NAN NAN NAN

L41.Temp 0.002418 NAN NAN NAN

L41.Precip. horaria 0.000164 NAN NAN NAN

L41.Temp. prom aire 0.000476 0.000000 338117.724 0.000

L42.Conduct 0.004326 NAN NAN NAN

L42.Water 0.003108 0.000000 2185430.124 0.000

L42.Temp 0.016352 NAN NAN NAN

L42.Precip. horaria -0.000227 NAN NAN NAN

L42.Temp. prom aire 0.008358 0.000000 4421181.695 0.000

L43.Conduct 0.015512 0.000000 22961861.495 0.000

L43.Water 0.008543 NAN NAN NAN

L43.Temp 0.004681 NAN NAN NAN

L43.Precip. horaria -0.000058 0.000001 -81.508 0.000

L43.Temp. prom aire 0.005432 0.000000 2788295.649 0.000

L44.Conduct 0.014092 NAN NAN NAN

L44.Water 0.007444 0.000000 5761898.276 0.000

L44.Temp 0.002462 NAN NAN NAN

L44.Precip. horaria 0.000483 NAN NAN NAN

L44.Temp. prom aire -0.000449 NAN NAN NAN

L45.Conduct 0.027905 NAN NAN NAN

L45.Water 0.015786 0.000000 14274291.787 0.000

L45.Temp 0.012388 0.000000 35677602.650 0.000

L45.Precip. horaria 0.000032 0.000000 101.956 0.000

L45.Temp. prom aire 0.006460 0.000000 1728294.750 0.000

L46.Conduct 0.008295 NAN NAN NAN

L46.Water 0.000261 NAN NAN NAN

L46.Temp 0.003098 0.000000 1357768.892 0.000

L46.Precip. horaria 0.000089 NAN NAN NAN

L46.Temp. prom aire 0.004619 NAN NAN NAN

L47.Conduct -0.023458 0.000000 -59378032.597 0.000

L47.Water -0.014858 0.000000 -18398552.339 0.000

L47.Temp 0.005314 NAN NAN NAN

L47.Precip. horaria -0.000100 0.000000 -444.381 0.000

L47.Temp. prom aire -0.000285 0.000000 -139820.990 0.000

L48.Conduct -0.023884 NAN NAN NAN

L48.Water 0.003301 0.000000 3218078.000 0.000

L48.Temp 0.017534 0.000000 11924851.691 0.000

L48.Precip. horaria -0.000458 NAN NAN NAN

L48.Temp. prom aire 0.012382 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000002 NAN NAN NAN

L1.Conduct -0.002107 NAN NAN NAN

L1.Water -0.000532 NAN NAN NAN

L1.Temp -0.000869 0.000000 -16768382.150 0.000

L1.Precip. horaria -0.000129 NAN NAN NAN

L1.Temp. prom aire -0.001645 NAN NAN NAN

L2.Conduct 0.002093 NAN NAN NAN

L2.Water 0.001074 NAN NAN NAN

L2.Temp 0.000860 NAN NAN NAN

L2.Precip. horaria 0.000045 0.000000 5143.604 0.000

L2.Temp. prom aire 0.001877 NAN NAN NAN

L3.Conduct -0.002440 NAN NAN NAN

L3.Water -0.000594 0.000000 -38907346.216 0.000

L3.Temp -0.000315 NAN NAN NAN

L3.Precip. horaria -0.000148 0.000000 -27067.511 0.000

L3.Temp. prom aire 0.000199 0.000000 3756497.605 0.000

L4.Conduct 0.004493 0.000000 234939075.396 0.000

L4.Water 0.000701 0.000000 21915548.413 0.000

L4.Temp -0.000613 NAN NAN NAN

L4.Precip. horaria 0.000066 0.000000 33430.552 0.000

L4.Temp. prom aire -0.000302 NAN NAN NAN

L5.Conduct -0.004116 0.000000 -91000611.246 0.000

L5.Water -0.001836 NAN NAN NAN

L5.Temp -0.000105 0.000000 -1898251.082 0.000

L5.Precip. horaria -0.000044 0.000000 -8691.488 0.000

L5.Temp. prom aire -0.001455 NAN NAN NAN

L6.Conduct 0.001959 0.000000 111657587.187 0.000

L6.Water 0.000198 NAN NAN NAN

L6.Temp 0.000426 NAN NAN NAN

L6.Precip. horaria 0.000050 0.000000 6410.869 0.000

L6.Temp. prom aire 0.000690 NAN NAN NAN

L7.Conduct 0.005555 0.000000 214535216.309 0.000

L7.Water 0.002221 0.000000 23131878.822 0.000

L7.Temp 0.000152 0.000000 4767704.655 0.000

L7.Precip. horaria -0.000113 0.000000 -10431.488 0.000

L7.Temp. prom aire -0.000558 NAN NAN NAN

L8.Conduct -0.003641 0.000000 -80689234.596 0.000

L8.Water -0.000188 0.000000 -2839777.679 0.000

L8.Temp 0.000013 NAN NAN NAN

L8.Precip. horaria 0.000114 0.000000 18897.664 0.000

L8.Temp. prom aire 0.001595 0.000000 54575730.026 0.000

L9.Conduct -0.004428 0.000000 -75625260.146 0.000

L9.Water -0.000892 NAN NAN NAN

L9.Temp 0.000026 0.000000 786513.090 0.000

L9.Precip. horaria 0.000027 NAN NAN NAN

L9.Temp. prom aire 0.000098 NAN NAN NAN

L10.Conduct -0.002552 0.000000 -54152428.963 0.000

L10.Water -0.000747 NAN NAN NAN

L10.Temp -0.001323 0.000000 -34492244.301 0.000

L10.Precip. horaria -0.000052 0.000000 -3130.430 0.000

L10.Temp. prom aire -0.001605 0.000000 -53225227.235 0.000

L11.Conduct 0.004125 NAN NAN NAN

L11.Water 0.000771 NAN NAN NAN

L11.Temp 0.000312 NAN NAN NAN

L11.Precip. horaria 0.000069 NAN NAN NAN

L11.Temp. prom aire -0.000124 0.000000 -2931282.033 0.000

L12.Conduct 0.002007 0.000000 33180351.754 0.000

L12.Water -0.000129 NAN NAN NAN

L12.Temp -0.000018 NAN NAN NAN

L12.Precip. horaria -0.000021 0.000000 -921.228 0.000

L12.Temp. prom aire -0.000006 NAN NAN NAN

L13.Conduct 0.004005 0.000000 149958919.405 0.000

L13.Water 0.000859 NAN NAN NAN

L13.Temp 0.000649 NAN NAN NAN

L13.Precip. horaria -0.000040 NAN NAN NAN

L13.Temp. prom aire 0.000899 NAN NAN NAN

L14.Conduct -0.004128 0.000000 -59339187.382 0.000

L14.Water -0.001085 NAN NAN NAN

L14.Temp 0.001167 NAN NAN NAN

L14.Precip. horaria -0.000061 NAN NAN NAN

L14.Temp. prom aire 0.000486 0.000000 10392542.268 0.000

L15.Conduct 0.004079 0.000000 69520140.552 0.000

L15.Water 0.001467 NAN NAN NAN

L15.Temp -0.001132 0.000000 -77829790.128 0.000

L15.Precip. horaria 0.000010 0.000000 488.442 0.000

L15.Temp. prom aire 0.000688 0.000000 20032880.917 0.000

L16.Conduct -0.000054 0.000000 -1009415.060 0.000

L16.Water 0.000348 0.000000 3195049.226 0.000

L16.Temp -0.000717 0.000000 -21028203.386 0.000

L16.Precip. horaria 0.000021 0.000000 2545.871 0.000

L16.Temp. prom aire -0.002456 NAN NAN NAN

L17.Conduct -0.004762 NAN NAN NAN

L17.Water -0.001446 0.000000 -56012536.421 0.000

L17.Temp -0.000053 NAN NAN NAN

L17.Precip. horaria 0.000121 NAN NAN NAN

L17.Temp. prom aire 0.001958 0.000000 125130466.311 0.000

L18.Conduct -0.000453 0.000000 -7893379.053 0.000

L18.Water -0.000031 0.000000 -357804.284 0.000

L18.Temp 0.000444 NAN NAN NAN

L18.Precip. horaria -0.000079 0.000000 -6423.200 0.000

L18.Temp. prom aire -0.002192 NAN NAN NAN

L19.Conduct -0.002061 0.000000 -13580224.339 0.000

L19.Water -0.000676 0.000000 -4406621.590 0.000

L19.Temp -0.000066 NAN NAN NAN

L19.Precip. horaria 0.000021 0.000000 2170.656 0.000

L19.Temp. prom aire 0.002713 NAN NAN NAN

L20.Conduct 0.000932 NAN NAN NAN

L20.Water 0.000338 0.000000 18213563.266 0.000

L20.Temp 0.000741 NAN NAN NAN

L20.Precip. horaria -0.000050 0.000000 -2419.431 0.000

L20.Temp. prom aire -0.002605 NAN NAN NAN

L21.Conduct 0.001271 NAN NAN NAN

L21.Water 0.000405 0.000000 2830116.815 0.000

L21.Temp 0.000243 0.000000 17958025.294 0.000

L21.Precip. horaria 0.000006 NAN NAN NAN

L21.Temp. prom aire 0.002232 0.000000 81241502.539 0.000

L22.Conduct 0.000887 NAN NAN NAN

L22.Water 0.000278 NAN NAN NAN

L22.Temp 0.000034 NAN NAN NAN

L22.Precip. horaria 0.000007 0.000000 188.655 0.000

L22.Temp. prom aire -0.000477 0.000000 -8500893.670 0.000

L23.Conduct -0.000221 NAN NAN NAN

L23.Water -0.000032 0.000000 -256673.428 0.000

L23.Temp -0.000446 NAN NAN NAN

L23.Precip. horaria 0.000009 0.000000 224.060 0.000

L23.Temp. prom aire -0.000053 NAN NAN NAN

L24.Conduct 0.000152 NAN NAN NAN

L24.Water 0.000070 0.000000 700088.767 0.000

L24.Temp 0.000865 NAN NAN NAN

L24.Precip. horaria -0.000001 0.000001 -1.458 0.145

L24.Temp. prom aire -0.000897 NAN NAN NAN

L25.Conduct -0.000184 0.000000 -4655439.165 0.000

L25.Water -0.000058 NAN NAN NAN

L25.Temp -0.000585 0.000000 -30633254.922 0.000

L25.Precip. horaria 0.000002 NAN NAN NAN

L25.Temp. prom aire 0.000374 NAN NAN NAN

L26.Conduct 0.000007 NAN NAN NAN

L26.Water -0.000011 NAN NAN NAN

L26.Temp 0.000011 NAN NAN NAN

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire 0.000574 0.000000 24867986.815 0.000

L27.Conduct -0.000173 NAN NAN NAN

L27.Water -0.000027 0.000000 -302990.076 0.000

L27.Temp 0.000075 NAN NAN NAN

L27.Precip. horaria 0.000001 0.000002 0.278 0.781

L27.Temp. prom aire 0.000305 0.000000 5642462.665 0.000

L28.Conduct -0.000112 0.000000 -2443162.442 0.000

L28.Water 0.000000 NAN NAN NAN

L28.Temp 0.000421 0.000000 103229010.532 0.000

L28.Precip. horaria 0.000000 0.000001 0.184 0.854

L28.Temp. prom aire 0.001359 0.000000 94167107.349 0.000

L29.Conduct -0.000146 0.000000 -4527540.224 0.000

L29.Water -0.000030 NAN NAN NAN

L29.Temp -0.000335 0.000000 -31555207.986 0.000

L29.Precip. horaria 0.000000 0.000002 0.271 0.786

L29.Temp. prom aire -0.002667 0.000000 -88411666.026 0.000

L30.Conduct -0.000180 NAN NAN NAN

L30.Water -0.000109 0.000000 -1862331.866 0.000

L30.Temp 0.001198 0.000000 40104211.464 0.000

L30.Precip. horaria -0.000001 0.000001 -1.544 0.122

L30.Temp. prom aire 0.001029 0.000000 42894540.349 0.000

L31.Conduct 0.000557 0.000000 13326285.750 0.000

L31.Water 0.000270 0.000000 2221458.590 0.000

L31.Temp 0.000024 NAN NAN NAN

L31.Precip. horaria -0.000001 0.000000 -1.887 0.059

L31.Temp. prom aire 0.000166 0.000000 2783508.165 0.000

L32.Conduct -0.000073 0.000000 -1300236.854 0.000

L32.Water -0.000274 0.000000 -6478091.721 0.000

L32.Temp -0.000283 NAN NAN NAN

L32.Precip. horaria -0.000000 0.000001 -0.108 0.914

L32.Temp. prom aire 0.000346 NAN NAN NAN

L33.Conduct 0.000374 NAN NAN NAN

L33.Water 0.000223 0.000000 5210922.908 0.000

L33.Temp -0.000720 0.000000 -27547828.381 0.000

L33.Precip. horaria 0.000000 NAN NAN NAN

L33.Temp. prom aire -0.000106 0.000000 -1975310.808 0.000

L34.Conduct -0.000664 NAN NAN NAN

L34.Water -0.000340 0.000000 -13249363.834 0.000

L34.Temp 0.000535 NAN NAN NAN

L34.Precip. horaria -0.000000 NAN NAN NAN

L34.Temp. prom aire -0.000379 0.000000 -7116910.997 0.000

L35.Conduct -0.000193 0.000000 -4897422.242 0.000

L35.Water 0.000182 0.000000 3644698.082 0.000

L35.Temp -0.000253 0.000000 -6268956.538 0.000

L35.Precip. horaria 0.000004 0.000000 64.807 0.000

L35.Temp. prom aire 0.000090 NAN NAN NAN

L36.Conduct -0.000773 0.000000 -29589296.800 0.000

L36.Water -0.000579 NAN NAN NAN

L36.Temp 0.001553 0.000000 57178801.589 0.000

L36.Precip. horaria -0.000008 NAN NAN NAN

L36.Temp. prom aire 0.000261 NAN NAN NAN

L37.Conduct 0.000535 0.000000 11121562.232 0.000

L37.Water 0.000368 NAN NAN NAN

L37.Temp -0.000295 NAN NAN NAN

L37.Precip. horaria 0.000005 NAN NAN NAN

L37.Temp. prom aire 0.000941 NAN NAN NAN

L38.Conduct 0.000061 NAN NAN NAN

L38.Water -0.000388 0.000000 -13810966.512 0.000

L38.Temp 0.000395 NAN NAN NAN

L38.Precip. horaria -0.000004 NAN NAN NAN

L38.Temp. prom aire -0.000480 0.000000 -16756728.435 0.000

L39.Conduct 0.000408 NAN NAN NAN

L39.Water 0.000092 0.000000 2756229.729 0.000

L39.Temp 0.000555 NAN NAN NAN

L39.Precip. horaria 0.000001 NAN NAN NAN

L39.Temp. prom aire 0.000203 NAN NAN NAN

L40.Conduct 0.000527 0.000000 34442484.980 0.000

L40.Water 0.000171 NAN NAN NAN

L40.Temp -0.000823 NAN NAN NAN

L40.Precip. horaria 0.000002 NAN NAN NAN

L40.Temp. prom aire 0.000682 0.000000 25277445.502 0.000

L41.Conduct -0.000319 NAN NAN NAN

L41.Water 0.000086 NAN NAN NAN

L41.Temp -0.001398 NAN NAN NAN

L41.Precip. horaria -0.000007 NAN NAN NAN

L41.Temp. prom aire -0.001552 0.000000 -30241939.769 0.000

L42.Conduct 0.000354 NAN NAN NAN

L42.Water 0.000279 0.000000 5379217.640 0.000

L42.Temp 0.000543 NAN NAN NAN

L42.Precip. horaria 0.000002 NAN NAN NAN

L42.Temp. prom aire 0.000531 0.000000 7712292.545 0.000

L43.Conduct -0.001190 0.000000 -48354364.008 0.000

L43.Water -0.000518 NAN NAN NAN

L43.Temp 0.000803 NAN NAN NAN

L43.Precip. horaria -0.000002 0.000000 -77.187 0.000

L43.Temp. prom aire -0.000475 0.000000 -6695520.827 0.000

L44.Conduct -0.000237 NAN NAN NAN

L44.Water -0.000196 0.000000 -4161542.344 0.000

L44.Temp 0.000726 NAN NAN NAN

L44.Precip. horaria 0.000012 NAN NAN NAN

L44.Temp. prom aire 0.000720 NAN NAN NAN

L45.Conduct 0.000505 NAN NAN NAN

L45.Water -0.000110 0.000000 -2725547.908 0.000

L45.Temp 0.001406 0.000000 111166666.771 0.000

L45.Precip. horaria -0.000024 0.000000 -2144.297 0.000

L45.Temp. prom aire 0.000153 0.000000 1126320.105 0.000

L46.Conduct -0.000501 NAN NAN NAN

L46.Water -0.000081 NAN NAN NAN

L46.Temp -0.002437 0.000000 -29308088.635 0.000

L46.Precip. horaria 0.000020 NAN NAN NAN

L46.Temp. prom aire 0.000683 NAN NAN NAN

L47.Conduct 0.000951 0.000000 66077470.279 0.000

L47.Water 0.000528 0.000000 17931406.230 0.000

L47.Temp 0.000892 NAN NAN NAN

L47.Precip. horaria -0.000006 0.000000 -755.862 0.000

L47.Temp. prom aire -0.000576 0.000000 -7741432.929 0.000

L48.Conduct -0.000577 NAN NAN NAN

L48.Water 0.001081 0.000000 28922557.296 0.000

L48.Temp -0.001227 0.000000 -22907087.645 0.000

L48.Precip. horaria -0.000022 NAN NAN NAN

L48.Temp. prom aire 0.000175 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000242 NAN NAN NAN

L1.Conduct -0.009930 NAN NAN NAN

L1.Water 0.005042 NAN NAN NAN

L1.Temp -0.024244 0.000000 -33812884.463 0.000

L1.Precip. horaria -0.002394 NAN NAN NAN

L1.Temp. prom aire -0.041857 NAN NAN NAN

L2.Conduct 0.011764 NAN NAN NAN

L2.Water -0.002384 NAN NAN NAN

L2.Temp 0.006486 NAN NAN NAN

L2.Precip. horaria 0.002020 0.000000 16603.913 0.000

L2.Temp. prom aire 0.024918 NAN NAN NAN

L3.Conduct -0.065646 NAN NAN NAN

L3.Water -0.018837 0.000000 -89117669.339 0.000

L3.Temp -0.006270 NAN NAN NAN

L3.Precip. horaria -0.000614 0.000000 -8089.141 0.000

L3.Temp. prom aire -0.036731 0.000000 -50048445.587 0.000

L4.Conduct 0.091981 0.000000 347496242.814 0.000

L4.Water 0.021807 0.000000 49236737.494 0.000

L4.Temp 0.014883 NAN NAN NAN

L4.Precip. horaria 0.001519 0.000000 55583.782 0.000

L4.Temp. prom aire 0.029917 NAN NAN NAN

L5.Conduct -0.037069 0.000000 -59208539.771 0.000

L5.Water -0.001376 NAN NAN NAN

L5.Temp 0.009474 0.000000 12400744.153 0.000

L5.Precip. horaria -0.002178 0.000000 -31271.039 0.000

L5.Temp. prom aire -0.018151 NAN NAN NAN

L6.Conduct -0.020978 0.000000 -86366236.502 0.000

L6.Water -0.001291 NAN NAN NAN

L6.Temp 0.021993 NAN NAN NAN

L6.Precip. horaria 0.001951 0.000000 17979.823 0.000

L6.Temp. prom aire 0.053675 NAN NAN NAN

L7.Conduct -0.011683 0.000000 -32594579.488 0.000

L7.Water 0.008684 0.000000 6534163.078 0.000

L7.Temp -0.007870 0.000000 -17807909.917 0.000

L7.Precip. horaria -0.002587 0.000000 -17247.725 0.000

L7.Temp. prom aire -0.040653 NAN NAN NAN

L8.Conduct -0.004427 0.000000 -7088593.720 0.000

L8.Water -0.001926 0.000000 -2103861.195 0.000

L8.Temp 0.009415 NAN NAN NAN

L8.Precip. horaria 0.002912 0.000000 34858.715 0.000

L8.Temp. prom aire 0.031403 0.000000 77615526.365 0.000

L9.Conduct -0.001700 0.000000 -2097998.491 0.000

L9.Water 0.001375 NAN NAN NAN

L9.Temp -0.003525 0.000000 -7624666.107 0.000

L9.Precip. horaria -0.001520 NAN NAN NAN

L9.Temp. prom aire -0.031510 NAN NAN NAN

L10.Conduct 0.031191 0.000000 47824311.860 0.000

L10.Water 0.005919 NAN NAN NAN

L10.Temp 0.016917 0.000000 31863218.727 0.000

L10.Precip. horaria 0.001343 0.000000 5891.749 0.000

L10.Temp. prom aire 0.031157 0.000000 74625432.965 0.000

L11.Conduct -0.012803 NAN NAN NAN

L11.Water 0.001833 NAN NAN NAN

L11.Temp 0.009995 NAN NAN NAN

L11.Precip. horaria -0.001891 NAN NAN NAN

L11.Temp. prom aire -0.013092 0.000000 -22410094.421 0.000

L12.Conduct 0.019110 0.000000 22822144.733 0.000

L12.Water 0.008172 NAN NAN NAN

L12.Temp 0.017991 NAN NAN NAN

L12.Precip. horaria 0.001124 0.000000 3497.718 0.000

L12.Temp. prom aire 0.028421 NAN NAN NAN

L13.Conduct 0.003907 0.000000 10566680.215 0.000

L13.Water 0.007365 NAN NAN NAN

L13.Temp -0.011644 NAN NAN NAN

L13.Precip. horaria -0.001268 NAN NAN NAN

L13.Temp. prom aire -0.002641 NAN NAN NAN

L14.Conduct 0.013874 0.000000 14407409.940 0.000

L14.Water 0.006420 NAN NAN NAN

L14.Temp 0.009800 NAN NAN NAN

L14.Precip. horaria 0.001526 NAN NAN NAN

L14.Temp. prom aire 0.001356 0.000000 2093736.692 0.000

L15.Conduct -0.001797 0.000000 -2213407.562 0.000

L15.Water 0.001791 NAN NAN NAN

L15.Temp 0.000944 0.000000 4690728.289 0.000

L15.Precip. horaria -0.000453 0.000000 -1523.590 0.000

L15.Temp. prom aire -0.001748 0.000000 -3680160.178 0.000

L16.Conduct 0.007618 0.000000 10360020.620 0.000

L16.Water 0.001323 0.000000 878902.548 0.000

L16.Temp 0.009967 0.000000 21116109.062 0.000

L16.Precip. horaria 0.000590 0.000000 5088.845 0.000

L16.Temp. prom aire -0.006238 NAN NAN NAN

L17.Conduct -0.011176 NAN NAN NAN

L17.Water -0.001276 0.000000 -3571983.036 0.000

L17.Temp 0.003545 NAN NAN NAN

L17.Precip. horaria -0.000880 NAN NAN NAN

L17.Temp. prom aire 0.013712 0.000000 63321368.842 0.000

L18.Conduct 0.019118 0.000000 24054752.703 0.000

L18.Water 0.006159 0.000000 5055113.861 0.000

L18.Temp 0.017259 NAN NAN NAN

L18.Precip. horaria 0.000266 0.000000 1553.545 0.000

L18.Temp. prom aire -0.009179 NAN NAN NAN

L19.Conduct 0.030602 0.000000 14568965.878 0.000

L19.Water 0.011504 0.000000 5421463.356 0.000

L19.Temp -0.009439 NAN NAN NAN

L19.Precip. horaria -0.000395 0.000000 -2904.624 0.000

L19.Temp. prom aire 0.038358 NAN NAN NAN

L20.Conduct -0.012912 NAN NAN NAN

L20.Water -0.003221 0.000000 -12542326.408 0.000

L20.Temp 0.007021 NAN NAN NAN

L20.Precip. horaria 0.000716 0.000000 2518.564 0.000

L20.Temp. prom aire -0.026085 NAN NAN NAN

L21.Conduct -0.002088 NAN NAN NAN

L21.Water 0.001992 0.000000 1004427.334 0.000

L21.Temp 0.008761 0.000000 46771545.633 0.000

L21.Precip. horaria -0.000316 NAN NAN NAN

L21.Temp. prom aire 0.013768 0.000000 36210642.886 0.000

L22.Conduct 0.001037 NAN NAN NAN

L22.Water 0.001546 NAN NAN NAN

L22.Temp 0.024665 NAN NAN NAN

L22.Precip. horaria 0.000119 0.000000 242.580 0.000

L22.Temp. prom aire -0.005125 0.000000 -6600963.515 0.000

L23.Conduct 0.000479 NAN NAN NAN

L23.Water 0.000820 0.000000 477131.575 0.000

L23.Temp -0.008485 NAN NAN NAN

L23.Precip. horaria -0.000049 0.000001 -91.240 0.000

L23.Temp. prom aire 0.018964 NAN NAN NAN

L24.Conduct 0.010411 NAN NAN NAN

L24.Water 0.003424 0.000000 2482393.809 0.000

L24.Temp 0.018655 NAN NAN NAN

L24.Precip. horaria -0.000028 0.000014 -1.961 0.050

L24.Temp. prom aire -0.004667 NAN NAN NAN

L25.Conduct 0.005036 0.000000 9194650.225 0.000

L25.Water 0.002291 NAN NAN NAN

L25.Temp 0.000439 0.000000 1661032.266 0.000

L25.Precip. horaria 0.000031 NAN NAN NAN

L25.Temp. prom aire 0.029589 NAN NAN NAN

L26.Conduct 0.005949 NAN NAN NAN

L26.Water 0.002861 NAN NAN NAN

L26.Temp 0.008386 NAN NAN NAN

L26.Precip. horaria -0.000011 NAN NAN NAN

L26.Temp. prom aire -0.014730 0.000000 -46076651.923 0.000

L27.Conduct -0.002677 NAN NAN NAN

L27.Water 0.000719 0.000000 582662.340 0.000

L27.Temp -0.004581 NAN NAN NAN

L27.Precip. horaria 0.000014 0.000032 0.443 0.658

L27.Temp. prom aire -0.000325 0.000000 -433648.059 0.000

L28.Conduct 0.004247 0.000000 6681609.104 0.000

L28.Water 0.002689 NAN NAN NAN

L28.Temp 0.031448 0.000000 557715477.382 0.000

L28.Precip. horaria -0.000020 0.000018 -1.094 0.274

L28.Temp. prom aire -0.001177 0.000000 -5892082.794 0.000

L29.Conduct 0.002517 0.000000 5645768.618 0.000

L29.Water 0.001576 NAN NAN NAN

L29.Temp -0.010052 0.000000 -68412099.465 0.000

L29.Precip. horaria 0.000005 0.000022 0.211 0.833

L29.Temp. prom aire 0.020099 0.000000 48139922.508 0.000

L30.Conduct -0.000261 NAN NAN NAN

L30.Water -0.005034 0.000000 -6186192.721 0.000

L30.Temp 0.027406 0.000000 66258565.505 0.000

L30.Precip. horaria -0.000019 0.000007 -2.522 0.012

L30.Temp. prom aire -0.011010 0.000000 -33148727.986 0.000

L31.Conduct 0.008386 0.000000 14494881.828 0.000

L31.Water 0.004882 0.000000 2897063.367 0.000

L31.Temp -0.002885 NAN NAN NAN

L31.Precip. horaria 0.000022 0.000005 4.303 0.000

L31.Temp. prom aire 0.027294 0.000000 33043915.853 0.000

L32.Conduct -0.000419 0.000000 -542789.180 0.000

L32.Water -0.001631 0.000000 -2782563.668 0.000

L32.Temp 0.003209 NAN NAN NAN

L32.Precip. horaria -0.000001 0.000013 -0.076 0.940

L32.Temp. prom aire -0.018987 NAN NAN NAN

L33.Conduct 0.003842 NAN NAN NAN

L33.Water 0.006925 0.000000 11711985.825 0.000

L33.Temp -0.010135 0.000000 -28014309.586 0.000

L33.Precip. horaria 0.000017 NAN NAN NAN

L33.Temp. prom aire 0.009323 0.000000 12580993.207 0.000

L34.Conduct -0.000188 NAN NAN NAN

L34.Water 0.001836 0.000000 5168306.042 0.000

L34.Temp 0.020696 NAN NAN NAN

L34.Precip. horaria -0.000154 NAN NAN NAN

L34.Temp. prom aire 0.002122 0.000000 2881602.747 0.000

L35.Conduct 0.006072 0.000000 11126762.751 0.000

L35.Water 0.008443 0.000000 12192877.865 0.000

L35.Temp -0.011515 0.000000 -20631410.999 0.000

L35.Precip. horaria 0.000193 0.000001 215.958 0.000

L35.Temp. prom aire -0.000287 NAN NAN NAN

L36.Conduct -0.002573 0.000000 -7112263.431 0.000

L36.Water -0.006942 NAN NAN NAN

L36.Temp 0.039442 0.000000 104903570.297 0.000

L36.Precip. horaria -0.000050 NAN NAN NAN

L36.Temp. prom aire 0.004308 NAN NAN NAN

L37.Conduct 0.006289 0.000000 9439788.459 0.000

L37.Water 0.007505 NAN NAN NAN

L37.Temp -0.016399 NAN NAN NAN

L37.Precip. horaria 0.000008 NAN NAN NAN

L37.Temp. prom aire 0.010555 NAN NAN NAN

L38.Conduct 0.007100 NAN NAN NAN

L38.Water 0.004306 0.000000 11088096.293 0.000

L38.Temp 0.011880 NAN NAN NAN

L38.Precip. horaria -0.000117 NAN NAN NAN

L38.Temp. prom aire 0.008379 0.000000 21149985.297 0.000

L39.Conduct 0.015082 NAN NAN NAN

L39.Water 0.017152 0.000000 37094373.474 0.000

L39.Temp -0.015400 NAN NAN NAN

L39.Precip. horaria -0.000163 NAN NAN NAN

L39.Temp. prom aire -0.003408 NAN NAN NAN

L40.Conduct 0.006801 0.000000 32143282.173 0.000

L40.Water 0.005974 NAN NAN NAN

L40.Temp 0.013833 NAN NAN NAN

L40.Precip. horaria 0.000363 NAN NAN NAN

L40.Temp. prom aire -0.000189 0.000000 -506036.583 0.000

L41.Conduct -0.017644 NAN NAN NAN

L41.Water -0.004723 NAN NAN NAN

L41.Temp 0.008545 NAN NAN NAN

L41.Precip. horaria 0.000133 NAN NAN NAN

L41.Temp. prom aire -0.002783 0.000000 -3918607.790 0.000

L42.Conduct -0.003558 NAN NAN NAN

L42.Water -0.004279 0.000000 -5965945.296 0.000

L42.Temp 0.023824 NAN NAN NAN

L42.Precip. horaria -0.000509 NAN NAN NAN

L42.Temp. prom aire 0.015032 0.000000 15767464.114 0.000

L43.Conduct 0.013159 0.000000 38622983.442 0.000

L43.Water 0.008426 NAN NAN NAN

L43.Temp -0.000622 NAN NAN NAN

L43.Precip. horaria -0.000253 0.000000 -699.750 0.000

L43.Temp. prom aire 0.007430 0.000000 7562096.333 0.000

L44.Conduct 0.018849 NAN NAN NAN

L44.Water 0.014368 0.000000 22050510.587 0.000

L44.Temp -0.009659 NAN NAN NAN

L44.Precip. horaria 0.000621 NAN NAN NAN

L44.Temp. prom aire 0.004628 NAN NAN NAN

L45.Conduct 0.068995 NAN NAN NAN

L45.Water 0.041561 0.000000 74515307.438 0.000

L45.Temp 0.005802 0.000000 33133385.192 0.000

L45.Precip. horaria 0.000308 0.000000 1975.000 0.000

L45.Temp. prom aire -0.013694 0.000000 -7264297.567 0.000

L46.Conduct -0.010140 NAN NAN NAN

L46.Water -0.008993 NAN NAN NAN

L46.Temp 0.001872 0.000000 1626865.629 0.000

L46.Precip. horaria 0.000430 NAN NAN NAN

L46.Temp. prom aire 0.008371 NAN NAN NAN

L47.Conduct -0.042588 0.000000 -213747236.335 0.000

L47.Water -0.027439 0.000000 -67373260.981 0.000

L47.Temp 0.011888 NAN NAN NAN

L47.Precip. horaria -0.000177 0.000000 -1552.033 0.000

L47.Temp. prom aire -0.008088 0.000000 -7857242.757 0.000

L48.Conduct -0.077180 NAN NAN NAN

L48.Water 0.024660 0.000000 47665050.603 0.000

L48.Temp 0.012343 0.000000 16645528.343 0.000

L48.Precip. horaria -0.001287 NAN NAN NAN

L48.Temp. prom aire 0.028311 NAN NAN NAN

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.033662 -0.143276 -0.467846 0.587780

Water 0.033662 1.000000 -0.246618 0.385146 -0.246188

Temp -0.143276 -0.246618 1.000000 -0.204537 0.485730

Precip. horaria -0.467846 0.385146 -0.204537 1.000000 -0.542883

Temp. prom aire 0.587780 -0.246188 0.485730 -0.542883 1.000000

1. Sensor Norte Alto (A84041537184396E):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -156.998

Nobs: 23.0000 HQIC: -201.526

Log likelihood: 3531.43 FPE: -7.75904e-140

AIC: -216.488 Det(Omega\_mle): -3.89428e-145

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000409 0.000000 851.916 0.000

L1.Conduct -0.047845 0.000000 -7923565.512 0.000

L1.Water -0.015304 NAN NAN NAN

L1.Temp -0.013797 NAN NAN NAN

L1.Precip. horaria -0.002236 NAN NAN NAN

L1.Temp. prom aire -0.039377 NAN NAN NAN

L2.Conduct -0.081926 NAN NAN NAN

L2.Water 0.009687 NAN NAN NAN

L2.Temp 0.034310 0.000000 626767.558 0.000

L2.Precip. horaria 0.001878 NAN NAN NAN

L2.Temp. prom aire 0.065298 0.000000 915670.042 0.000

L3.Conduct 0.392660 0.000000 63757131.892 0.000

L3.Water 0.017224 0.000000 513107.667 0.000

L3.Temp -0.027477 NAN NAN NAN

L3.Precip. horaria -0.004312 NAN NAN NAN

L3.Temp. prom aire -0.047154 0.000000 -1204744.387 0.000

L4.Conduct -0.015472 NAN NAN NAN

L4.Water 0.022528 0.000000 3739881.401 0.000

L4.Temp 0.022674 0.000000 1668366.327 0.000

L4.Precip. horaria 0.004473 0.000007 601.814 0.000

L4.Temp. prom aire 0.042887 NAN NAN NAN

L5.Conduct 0.080024 NAN NAN NAN

L5.Water -0.003354 NAN NAN NAN

L5.Temp -0.015425 NAN NAN NAN

L5.Precip. horaria -0.001818 NAN NAN NAN

L5.Temp. prom aire -0.037513 NAN NAN NAN

L6.Conduct -0.203967 0.000000 -20520971.408 0.000

L6.Water -0.002411 0.000000 -114763.496 0.000

L6.Temp 0.023521 0.000000 353015.703 0.000

L6.Precip. horaria 0.002458 0.000007 350.425 0.000

L6.Temp. prom aire 0.041374 NAN NAN NAN

L7.Conduct 0.108285 NAN NAN NAN

L7.Water 0.003790 NAN NAN NAN

L7.Temp -0.005530 0.000000 -249099.445 0.000

L7.Precip. horaria -0.002879 NAN NAN NAN

L7.Temp. prom aire -0.025868 0.000000 -936448.568 0.000

L8.Conduct -0.145693 0.000000 -15954670.119 0.000

L8.Water 0.004442 NAN NAN NAN

L8.Temp 0.019718 NAN NAN NAN

L8.Precip. horaria 0.002263 0.000013 168.598 0.000

L8.Temp. prom aire 0.036176 0.000000 702102.829 0.000

L9.Conduct 0.098893 NAN NAN NAN

L9.Water 0.000673 NAN NAN NAN

L9.Temp 0.002034 0.000000 78965.341 0.000

L9.Precip. horaria -0.001312 0.000006 -221.045 0.000

L9.Temp. prom aire -0.032114 NAN NAN NAN

L10.Conduct -0.071876 NAN NAN NAN

L10.Water 0.002499 NAN NAN NAN

L10.Temp 0.018996 0.000000 933170.870 0.000

L10.Precip. horaria 0.000697 0.000012 56.611 0.000

L10.Temp. prom aire 0.037356 0.000000 425453.671 0.000

L11.Conduct 0.170099 0.000000 10984179.020 0.000

L11.Water 0.019112 0.000000 1975085.231 0.000

L11.Temp 0.004634 0.000000 872740.223 0.000

L11.Precip. horaria -0.001523 NAN NAN NAN

L11.Temp. prom aire -0.014035 0.000000 -433557.039 0.000

L12.Conduct -0.008286 0.000000 -3234455.594 0.000

L12.Water 0.011659 NAN NAN NAN

L12.Temp 0.018447 NAN NAN NAN

L12.Precip. horaria 0.001227 NAN NAN NAN

L12.Temp. prom aire 0.034041 NAN NAN NAN

L13.Conduct 0.115870 NAN NAN NAN

L13.Water 0.008935 0.000000 142808.744 0.000

L13.Temp -0.001459 0.000000 -94526.898 0.000

L13.Precip. horaria -0.000572 NAN NAN NAN

L13.Temp. prom aire -0.006680 0.000000 -89920.944 0.000

L14.Conduct -0.070134 0.000000 -14235201.933 0.000

L14.Water -0.010998 NAN NAN NAN

L14.Temp 0.021019 NAN NAN NAN

L14.Precip. horaria 0.000736 NAN NAN NAN

L14.Temp. prom aire -0.012582 0.000000 -622546.339 0.000

L15.Conduct 0.083469 NAN NAN NAN

L15.Water 0.010204 NAN NAN NAN

L15.Temp -0.003487 0.000000 -86646.883 0.000

L15.Precip. horaria -0.000572 NAN NAN NAN

L15.Temp. prom aire 0.054534 NAN NAN NAN

L16.Conduct -0.034113 NAN NAN NAN

L16.Water 0.007752 NAN NAN NAN

L16.Temp 0.018165 NAN NAN NAN

L16.Precip. horaria 0.000547 NAN NAN NAN

L16.Temp. prom aire -0.046150 0.000000 -1420063.136 0.000

L17.Conduct -0.076686 NAN NAN NAN

L17.Water -0.001921 0.000000 -97014.165 0.000

L17.Temp 0.020546 NAN NAN NAN

L17.Precip. horaria -0.000066 NAN NAN NAN

L17.Temp. prom aire 0.054466 NAN NAN NAN

L18.Conduct 0.020256 0.000000 718175.965 0.000

L18.Water 0.003606 0.000000 57215.694 0.000

L18.Temp 0.014063 NAN NAN NAN

L18.Precip. horaria -0.000445 0.000016 -27.487 0.000

L18.Temp. prom aire -0.031273 0.000000 -2105872.657 0.000

L19.Conduct 0.083390 NAN NAN NAN

L19.Water 0.007430 NAN NAN NAN

L19.Temp 0.006473 0.000000 220579.890 0.000

L19.Precip. horaria -0.000231 NAN NAN NAN

L19.Temp. prom aire 0.039244 0.000000 904719.169 0.000

L20.Conduct 0.026158 0.000000 3396497.777 0.000

L20.Water 0.006421 0.000000 66497.628 0.000

L20.Temp 0.018205 NAN NAN NAN

L20.Precip. horaria 0.000333 NAN NAN NAN

L20.Temp. prom aire -0.027693 NAN NAN NAN

L21.Conduct -0.048754 0.000000 -5777227.053 0.000

L21.Water -0.000390 NAN NAN NAN

L21.Temp 0.009854 0.000000 277391.259 0.000

L21.Precip. horaria 0.000219 NAN NAN NAN

L21.Temp. prom aire 0.034800 0.000000 305379.378 0.000

L22.Conduct -0.057828 0.000000 -6635447.788 0.000

L22.Water -0.001140 0.000000 -11316.510 0.000

L22.Temp 0.017333 0.000000 1281510.406 0.000

L22.Precip. horaria 0.000035 NAN NAN NAN

L22.Temp. prom aire -0.004932 NAN NAN NAN

L23.Conduct -0.040697 0.000000 -2639895.624 0.000

L23.Water 0.001297 NAN NAN NAN

L23.Temp 0.003902 NAN NAN NAN

L23.Precip. horaria -0.000206 0.000039 -5.251 0.000

L23.Temp. prom aire 0.007636 NAN NAN NAN

L24.Conduct 0.012545 NAN NAN NAN

L24.Water 0.004642 NAN NAN NAN

L24.Temp 0.045513 NAN NAN NAN

L24.Precip. horaria -0.000027 NAN NAN NAN

L24.Temp. prom aire 0.016366 0.000000 507461.787 0.000

L25.Conduct -0.002191 0.000000 -80063.608 0.000

L25.Water 0.004043 0.000000 39365.174 0.000

L25.Temp -0.004346 NAN NAN NAN

L25.Precip. horaria 0.000025 0.002237 0.011 0.991

L25.Temp. prom aire 0.025662 NAN NAN NAN

L26.Conduct 0.034042 0.000000 3664994.676 0.000

L26.Water 0.005278 NAN NAN NAN

L26.Temp 0.023608 NAN NAN NAN

L26.Precip. horaria -0.000022 NAN NAN NAN

L26.Temp. prom aire -0.013852 NAN NAN NAN

L27.Conduct 0.053465 0.000000 3513793.019 0.000

L27.Water 0.007423 0.000000 151783.245 0.000

L27.Temp 0.024022 0.000000 5207254.001 0.000

L27.Precip. horaria 0.000015 NAN NAN NAN

L27.Temp. prom aire 0.035353 0.000000 1569841.557 0.000

L28.Conduct 0.045561 NAN NAN NAN

L28.Water 0.007630 NAN NAN NAN

L28.Temp 0.006609 0.000000 2471722.592 0.000

L28.Precip. horaria -0.000018 NAN NAN NAN

L28.Temp. prom aire -0.005740 0.000000 -240263.086 0.000

L29.Conduct 0.042529 NAN NAN NAN

L29.Water 0.007813 0.000000 200586.287 0.000

L29.Temp 0.008189 0.000000 892641.856 0.000

L29.Precip. horaria 0.000014 0.001523 0.009 0.993

L29.Temp. prom aire 0.002767 NAN NAN NAN

L30.Conduct 0.018999 NAN NAN NAN

L30.Water 0.003431 NAN NAN NAN

L30.Temp 0.012528 0.000000 452522.732 0.000

L30.Precip. horaria -0.000012 0.000961 -0.013 0.990

L30.Temp. prom aire 0.006670 NAN NAN NAN

L31.Conduct 0.029332 0.000000 6285740.554 0.000

L31.Water 0.010772 NAN NAN NAN

L31.Temp 0.002662 NAN NAN NAN

L31.Precip. horaria 0.000017 0.000418 0.041 0.968

L31.Temp. prom aire 0.013434 NAN NAN NAN

L32.Conduct -0.002735 0.000000 -393162.246 0.000

L32.Water -0.004940 NAN NAN NAN

L32.Temp 0.027153 0.000000 799169.388 0.000

L32.Precip. horaria -0.000018 NAN NAN NAN

L32.Temp. prom aire 0.000400 NAN NAN NAN

L33.Conduct 0.031730 NAN NAN NAN

L33.Water 0.012169 0.000000 189194.272 0.000

L33.Temp 0.000410 0.000000 11745.382 0.000

L33.Precip. horaria 0.000011 0.002445 0.004 0.996

L33.Temp. prom aire 0.013732 0.000000 339916.289 0.000

L34.Conduct 0.019212 NAN NAN NAN

L34.Water -0.001197 NAN NAN NAN

L34.Temp 0.027190 0.000000 1027352.401 0.000

L34.Precip. horaria -0.000041 0.000068 -0.605 0.545

L34.Temp. prom aire 0.000713 NAN NAN NAN

L35.Conduct 0.042521 NAN NAN NAN

L35.Water 0.010299 0.000000 295565.374 0.000

L35.Temp -0.008622 0.000000 -204334.572 0.000

L35.Precip. horaria 0.000172 NAN NAN NAN

L35.Temp. prom aire 0.013169 NAN NAN NAN

L36.Conduct 0.039816 0.000000 8999951.054 0.000

L36.Water 0.005926 NAN NAN NAN

L36.Temp 0.018935 NAN NAN NAN

L36.Precip. horaria -0.000403 0.000168 -2.392 0.017

L36.Temp. prom aire 0.009641 NAN NAN NAN

L37.Conduct 0.063153 0.000000 14589127.976 0.000

L37.Water 0.016463 NAN NAN NAN

L37.Temp -0.008903 NAN NAN NAN

L37.Precip. horaria 0.000361 NAN NAN NAN

L37.Temp. prom aire 0.002873 NAN NAN NAN

L38.Conduct 0.030948 0.000000 2732636.794 0.000

L38.Water 0.002725 0.000000 123254.694 0.000

L38.Temp 0.011086 NAN NAN NAN

L38.Precip. horaria -0.000111 0.000036 -3.100 0.002

L38.Temp. prom aire -0.005209 NAN NAN NAN

L39.Conduct 0.012901 NAN NAN NAN

L39.Water 0.006688 NAN NAN NAN

L39.Temp 0.006956 0.000000 285698.030 0.000

L39.Precip. horaria -0.000027 NAN NAN NAN

L39.Temp. prom aire 0.001379 0.000000 23645.146 0.000

L40.Conduct 0.025943 0.000000 2951110.864 0.000

L40.Water 0.007602 NAN NAN NAN

L40.Temp 0.014467 0.000000 171508.865 0.000

L40.Precip. horaria 0.000230 NAN NAN NAN

L40.Temp. prom aire 0.025644 NAN NAN NAN

L41.Conduct 0.062181 NAN NAN NAN

L41.Water 0.018986 0.000000 382921.730 0.000

L41.Temp -0.002399 NAN NAN NAN

L41.Precip. horaria -0.000819 0.000137 -6.001 0.000

L41.Temp. prom aire -0.004364 NAN NAN NAN

L42.Conduct 0.090275 NAN NAN NAN

L42.Water 0.020873 NAN NAN NAN

L42.Temp 0.012705 0.000000 3229145.714 0.000

L42.Precip. horaria 0.000796 0.000012 66.335 0.000

L42.Temp. prom aire 0.007758 0.000000 1366333.746 0.000

L43.Conduct 0.024002 0.000000 3432504.359 0.000

L43.Water 0.005884 NAN NAN NAN

L43.Temp 0.006778 NAN NAN NAN

L43.Precip. horaria 0.000123 0.000023 5.283 0.000

L43.Temp. prom aire -0.003772 NAN NAN NAN

L44.Conduct 0.038463 NAN NAN NAN

L44.Water 0.011117 NAN NAN NAN

L44.Temp 0.000125 NAN NAN NAN

L44.Precip. horaria -0.000524 0.000012 -44.575 0.000

L44.Temp. prom aire 0.022911 0.000000 412723.047 0.000

L45.Conduct 0.051259 0.000000 3988578.779 0.000

L45.Water 0.014890 NAN NAN NAN

L45.Temp 0.008707 NAN NAN NAN

L45.Precip. horaria -0.000345 NAN NAN NAN

L45.Temp. prom aire -0.010167 NAN NAN NAN

L46.Conduct 0.007529 0.000000 1124347.082 0.000

L46.Water 0.000647 NAN NAN NAN

L46.Temp -0.019966 NAN NAN NAN

L46.Precip. horaria 0.000363 0.000012 30.505 0.000

L46.Temp. prom aire 0.007961 NAN NAN NAN

L47.Conduct 0.149245 0.000000 25173813.663 0.000

L47.Water 0.054645 0.000000 1993509.381 0.000

L47.Temp 0.023274 0.000000 907845.442 0.000

L47.Precip. horaria 0.000782 0.000011 72.289 0.000

L47.Temp. prom aire -0.021734 NAN NAN NAN

L48.Conduct 0.003915 NAN NAN NAN

L48.Water 0.010139 0.000000 445012.679 0.000

L48.Temp -0.009113 0.000000 -196747.290 0.000

L48.Precip. horaria -0.000179 NAN NAN NAN

L48.Temp. prom aire 0.028710 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000081 0.000000 1359.098 0.000

L1.Conduct -0.010224 0.000000 -13606895.360 0.000

L1.Water -0.001458 NAN NAN NAN

L1.Temp -0.001182 NAN NAN NAN

L1.Precip. horaria -0.000232 NAN NAN NAN

L1.Temp. prom aire -0.002828 NAN NAN NAN

L2.Conduct -0.015481 NAN NAN NAN

L2.Water -0.000063 NAN NAN NAN

L2.Temp 0.004003 0.000000 587693.038 0.000

L2.Precip. horaria 0.000167 NAN NAN NAN

L2.Temp. prom aire 0.008798 0.000000 991405.414 0.000

L3.Conduct 0.085068 0.000000 110998308.462 0.000

L3.Water 0.004205 0.000000 1006636.815 0.000

L3.Temp -0.005497 NAN NAN NAN

L3.Precip. horaria -0.000701 NAN NAN NAN

L3.Temp. prom aire -0.008448 0.000000 -1734401.035 0.000

L4.Conduct -0.005300 NAN NAN NAN

L4.Water 0.005712 0.000000 7620495.465 0.000

L4.Temp 0.003189 0.000000 1885787.053 0.000

L4.Precip. horaria 0.000916 0.000001 990.593 0.000

L4.Temp. prom aire 0.004872 NAN NAN NAN

L5.Conduct 0.014333 NAN NAN NAN

L5.Water 0.002548 NAN NAN NAN

L5.Temp -0.001565 NAN NAN NAN

L5.Precip. horaria -0.000223 NAN NAN NAN

L5.Temp. prom aire -0.005161 NAN NAN NAN

L6.Conduct -0.042956 0.000000 -34730082.877 0.000

L6.Water -0.001562 0.000000 -597301.398 0.000

L6.Temp 0.004228 0.000000 509873.021 0.000

L6.Precip. horaria 0.000174 0.000001 199.125 0.000

L6.Temp. prom aire 0.007678 NAN NAN NAN

L7.Conduct 0.043722 NAN NAN NAN

L7.Water 0.002925 NAN NAN NAN

L7.Temp -0.000920 0.000000 -332976.987 0.000

L7.Precip. horaria -0.000585 NAN NAN NAN

L7.Temp. prom aire -0.001660 0.000000 -482862.026 0.000

L8.Conduct 0.008560 0.000000 7533168.014 0.000

L8.Water 0.002900 NAN NAN NAN

L8.Temp 0.000428 NAN NAN NAN

L8.Precip. horaria 0.000323 0.000002 193.691 0.000

L8.Temp. prom aire 0.002442 0.000000 380829.103 0.000

L9.Conduct 0.012438 NAN NAN NAN

L9.Water -0.000847 NAN NAN NAN

L9.Temp 0.000427 0.000000 133229.713 0.000

L9.Precip. horaria 0.000166 0.000001 224.637 0.000

L9.Temp. prom aire -0.004975 NAN NAN NAN

L10.Conduct -0.021998 NAN NAN NAN

L10.Water -0.001140 NAN NAN NAN

L10.Temp 0.001498 0.000000 591253.075 0.000

L10.Precip. horaria -0.000060 0.000002 -38.884 0.000

L10.Temp. prom aire 0.003515 0.000000 321702.994 0.000

L11.Conduct 0.027065 0.000000 14044709.129 0.000

L11.Water 0.005262 0.000000 4370390.835 0.000

L11.Temp 0.001952 0.000000 2954644.182 0.000

L11.Precip. horaria -0.000237 NAN NAN NAN

L11.Temp. prom aire -0.000149 0.000000 -36878.284 0.000

L12.Conduct 0.010543 0.000000 33070996.034 0.000

L12.Water 0.003410 NAN NAN NAN

L12.Temp 0.002604 NAN NAN NAN

L12.Precip. horaria 0.000152 NAN NAN NAN

L12.Temp. prom aire 0.005624 NAN NAN NAN

L13.Conduct 0.036256 NAN NAN NAN

L13.Water 0.002882 0.000000 370121.421 0.000

L13.Temp -0.000853 0.000000 -444378.352 0.000

L13.Precip. horaria -0.000026 NAN NAN NAN

L13.Temp. prom aire -0.000944 0.000000 -102079.286 0.000

L14.Conduct -0.000275 0.000000 -448131.986 0.000

L14.Water -0.003645 NAN NAN NAN

L14.Temp 0.002392 NAN NAN NAN

L14.Precip. horaria 0.000013 NAN NAN NAN

L14.Temp. prom aire -0.003003 0.000000 -1193920.172 0.000

L15.Conduct 0.023145 NAN NAN NAN

L15.Water 0.002980 NAN NAN NAN

L15.Temp -0.001033 0.000000 -206286.812 0.000

L15.Precip. horaria -0.000037 NAN NAN NAN

L15.Temp. prom aire 0.011640 NAN NAN NAN

L16.Conduct 0.004647 NAN NAN NAN

L16.Water 0.002815 NAN NAN NAN

L16.Temp 0.002496 NAN NAN NAN

L16.Precip. horaria 0.000075 NAN NAN NAN

L16.Temp. prom aire -0.011301 0.000000 -2794562.443 0.000

L17.Conduct -0.043737 NAN NAN NAN

L17.Water -0.003264 0.000000 -1324409.179 0.000

L17.Temp 0.005005 NAN NAN NAN

L17.Precip. horaria 0.000093 NAN NAN NAN

L17.Temp. prom aire 0.010593 NAN NAN NAN

L18.Conduct 0.004055 0.000000 1155186.492 0.000

L18.Water -0.000657 0.000000 -83748.100 0.000

L18.Temp 0.002098 NAN NAN NAN

L18.Precip. horaria -0.000220 0.000002 -109.031 0.000

L18.Temp. prom aire -0.005175 0.000000 -2800590.485 0.000

L19.Conduct 0.018043 NAN NAN NAN

L19.Water 0.001069 NAN NAN NAN

L19.Temp 0.001079 0.000000 295567.634 0.000

L19.Precip. horaria -0.000021 NAN NAN NAN

L19.Temp. prom aire 0.007769 0.000000 1439347.386 0.000

L20.Conduct -0.002671 0.000000 -2786673.105 0.000

L20.Water 0.000532 0.000000 44272.324 0.000

L20.Temp 0.003314 NAN NAN NAN

L20.Precip. horaria 0.000111 NAN NAN NAN

L20.Temp. prom aire -0.003224 NAN NAN NAN

L21.Conduct -0.033927 0.000000 -32307438.183 0.000

L21.Water -0.002229 NAN NAN NAN

L21.Temp 0.003335 0.000000 754334.005 0.000

L21.Precip. horaria 0.000091 NAN NAN NAN

L21.Temp. prom aire 0.004062 0.000000 286426.251 0.000

L22.Conduct -0.022071 0.000000 -20351159.465 0.000

L22.Water -0.001113 0.000000 -88778.900 0.000

L22.Temp 0.004432 0.000000 2633368.480 0.000

L22.Precip. horaria -0.000046 NAN NAN NAN

L22.Temp. prom aire 0.000004 NAN NAN NAN

L23.Conduct -0.008467 0.000000 -4413350.108 0.000

L23.Water 0.000224 NAN NAN NAN

L23.Temp 0.002034 NAN NAN NAN

L23.Precip. horaria -0.000073 0.000005 -14.879 0.000

L23.Temp. prom aire 0.000649 NAN NAN NAN

L24.Conduct 0.002825 NAN NAN NAN

L24.Water 0.000957 NAN NAN NAN

L24.Temp 0.008941 NAN NAN NAN

L24.Precip. horaria -0.000006 NAN NAN NAN

L24.Temp. prom aire 0.004963 0.000000 1236651.013 0.000

L25.Conduct 0.000364 0.000000 106959.836 0.000

L25.Water 0.000864 0.000000 67625.170 0.000

L25.Temp -0.000458 NAN NAN NAN

L25.Precip. horaria 0.000004 0.000278 0.013 0.989

L25.Temp. prom aire 0.004532 NAN NAN NAN

L26.Conduct 0.003542 0.000000 3064751.645 0.000

L26.Water 0.000847 NAN NAN NAN

L26.Temp 0.004499 NAN NAN NAN

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire -0.001185 NAN NAN NAN

L27.Conduct 0.004333 0.000000 2288491.169 0.000

L27.Water 0.001106 0.000000 181751.390 0.000

L27.Temp 0.005852 0.000000 10194234.646 0.000

L27.Precip. horaria 0.000002 NAN NAN NAN

L27.Temp. prom aire 0.005414 0.000000 1931813.588 0.000

L28.Conduct 0.000889 NAN NAN NAN

L28.Water 0.000961 NAN NAN NAN

L28.Temp 0.002142 0.000000 6439514.644 0.000

L28.Precip. horaria -0.000003 NAN NAN NAN

L28.Temp. prom aire 0.000073 0.000000 24476.329 0.000

L29.Conduct 0.004137 NAN NAN NAN

L29.Water 0.001116 0.000000 230205.962 0.000

L29.Temp 0.003624 0.000000 3174224.599 0.000

L29.Precip. horaria 0.000001 0.000189 0.005 0.996

L29.Temp. prom aire -0.000586 NAN NAN NAN

L30.Conduct 0.002547 NAN NAN NAN

L30.Water 0.000480 NAN NAN NAN

L30.Temp 0.002601 0.000000 754841.421 0.000

L30.Precip. horaria -0.000002 0.000120 -0.016 0.987

L30.Temp. prom aire 0.003858 NAN NAN NAN

L31.Conduct 0.006382 0.000000 10990915.518 0.000

L31.Water 0.001817 NAN NAN NAN

L31.Temp 0.002271 NAN NAN NAN

L31.Precip. horaria 0.000002 0.000052 0.038 0.970

L31.Temp. prom aire 0.002399 NAN NAN NAN

L32.Conduct -0.000809 0.000000 -934090.424 0.000

L32.Water -0.000889 NAN NAN NAN

L32.Temp 0.006182 0.000000 1462063.622 0.000

L32.Precip. horaria -0.000002 NAN NAN NAN

L32.Temp. prom aire 0.001319 NAN NAN NAN

L33.Conduct 0.002341 NAN NAN NAN

L33.Water 0.002096 0.000000 261877.084 0.000

L33.Temp 0.000068 0.000000 15619.345 0.000

L33.Precip. horaria 0.000002 0.000304 0.007 0.995

L33.Temp. prom aire 0.001104 0.000000 219639.725 0.000

L34.Conduct -0.001516 NAN NAN NAN

L34.Water -0.000524 NAN NAN NAN

L34.Temp 0.005248 0.000000 1593495.480 0.000

L34.Precip. horaria -0.000004 0.000008 -0.506 0.613

L34.Temp. prom aire 0.000174 NAN NAN NAN

L35.Conduct 0.004230 NAN NAN NAN

L35.Water 0.001401 0.000000 323199.624 0.000

L35.Temp 0.000166 0.000000 31563.344 0.000

L35.Precip. horaria 0.000023 NAN NAN NAN

L35.Temp. prom aire 0.003395 NAN NAN NAN

L36.Conduct 0.007095 0.000000 12887350.816 0.000

L36.Water 0.000828 NAN NAN NAN

L36.Temp 0.005262 NAN NAN NAN

L36.Precip. horaria -0.000071 0.000021 -3.389 0.001

L36.Temp. prom aire 0.002739 NAN NAN NAN

L37.Conduct 0.013098 0.000000 24314621.637 0.000

L37.Water 0.002115 NAN NAN NAN

L37.Temp 0.000839 NAN NAN NAN

L37.Precip. horaria 0.000074 NAN NAN NAN

L37.Temp. prom aire 0.002126 NAN NAN NAN

L38.Conduct 0.006734 0.000000 4778501.834 0.000

L38.Water 0.000152 0.000000 55072.394 0.000

L38.Temp 0.001812 NAN NAN NAN

L38.Precip. horaria -0.000019 0.000004 -4.374 0.000

L38.Temp. prom aire -0.000630 NAN NAN NAN

L39.Conduct 0.003553 NAN NAN NAN

L39.Water 0.000924 NAN NAN NAN

L39.Temp 0.002728 0.000000 900266.168 0.000

L39.Precip. horaria -0.000019 NAN NAN NAN

L39.Temp. prom aire 0.001156 0.000000 159322.905 0.000

L40.Conduct 0.010171 0.000000 9297144.488 0.000

L40.Water 0.002325 NAN NAN NAN

L40.Temp 0.001853 0.000000 176559.450 0.000

L40.Precip. horaria 0.000028 NAN NAN NAN

L40.Temp. prom aire 0.006297 NAN NAN NAN

L41.Conduct 0.016564 NAN NAN NAN

L41.Water 0.003683 0.000000 596976.330 0.000

L41.Temp -0.000927 NAN NAN NAN

L41.Precip. horaria -0.000140 0.000017 -8.249 0.000

L41.Temp. prom aire -0.002694 NAN NAN NAN

L42.Conduct 0.018608 NAN NAN NAN

L42.Water 0.002591 NAN NAN NAN

L42.Temp 0.003301 0.000000 6742979.757 0.000

L42.Precip. horaria 0.000191 0.000001 128.134 0.000

L42.Temp. prom aire 0.000322 0.000000 455176.414 0.000

L43.Conduct 0.002125 0.000000 2441848.565 0.000

L43.Water -0.001050 NAN NAN NAN

L43.Temp 0.002557 NAN NAN NAN

L43.Precip. horaria -0.000015 0.000003 -5.056 0.000

L43.Temp. prom aire 0.000907 NAN NAN NAN

L44.Conduct 0.008220 NAN NAN NAN

L44.Water 0.001967 NAN NAN NAN

L44.Temp -0.000810 NAN NAN NAN

L44.Precip. horaria -0.000158 0.000001 -108.001 0.000

L44.Temp. prom aire 0.005469 0.000000 791759.378 0.000

L45.Conduct 0.015127 0.000000 9459202.854 0.000

L45.Water 0.004122 NAN NAN NAN

L45.Temp 0.000417 NAN NAN NAN

L45.Precip. horaria -0.000041 NAN NAN NAN

L45.Temp. prom aire -0.002188 NAN NAN NAN

L46.Conduct 0.008829 0.000000 10594858.037 0.000

L46.Water 0.002497 NAN NAN NAN

L46.Temp -0.004636 NAN NAN NAN

L46.Precip. horaria 0.000129 0.000001 87.379 0.000

L46.Temp. prom aire -0.000510 NAN NAN NAN

L47.Conduct 0.025991 0.000000 35229699.660 0.000

L47.Water 0.009137 0.000000 2678524.978 0.000

L47.Temp 0.005081 0.000000 1592629.753 0.000

L47.Precip. horaria 0.000187 0.000001 138.836 0.000

L47.Temp. prom aire -0.003749 NAN NAN NAN

L48.Conduct -0.009164 NAN NAN NAN

L48.Water -0.001982 0.000000 -699019.058 0.000

L48.Temp -0.001685 0.000000 -292266.255 0.000

L48.Precip. horaria -0.000142 NAN NAN NAN

L48.Temp. prom aire 0.006153 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000051 0.000000 1044.431 0.000

L1.Conduct 0.005775 0.000000 9342129.884 0.000

L1.Water -0.000398 NAN NAN NAN

L1.Temp -0.002396 NAN NAN NAN

L1.Precip. horaria -0.000245 NAN NAN NAN

L1.Temp. prom aire -0.005522 NAN NAN NAN

L2.Conduct 0.002874 NAN NAN NAN

L2.Water 0.001786 NAN NAN NAN

L2.Temp 0.003249 0.000000 579800.534 0.000

L2.Precip. horaria 0.000286 NAN NAN NAN

L2.Temp. prom aire 0.005770 0.000000 790353.875 0.000

L3.Conduct -0.014185 0.000000 -22498824.016 0.000

L3.Water -0.003110 0.000000 -905045.831 0.000

L3.Temp -0.001201 NAN NAN NAN

L3.Precip. horaria -0.000151 NAN NAN NAN

L3.Temp. prom aire -0.004849 0.000000 -1210104.505 0.000

L4.Conduct -0.001291 NAN NAN NAN

L4.Water 0.003227 0.000000 5233605.471 0.000

L4.Temp 0.003470 0.000000 2494369.058 0.000

L4.Precip. horaria 0.000263 0.000001 346.193 0.000

L4.Temp. prom aire 0.005447 NAN NAN NAN

L5.Conduct 0.000046 NAN NAN NAN

L5.Water -0.000058 NAN NAN NAN

L5.Temp -0.000506 NAN NAN NAN

L5.Precip. horaria -0.000279 NAN NAN NAN

L5.Temp. prom aire -0.004436 NAN NAN NAN

L6.Conduct -0.020068 0.000000 -19722668.931 0.000

L6.Water 0.001011 0.000000 469929.540 0.000

L6.Temp 0.004613 0.000000 676356.656 0.000

L6.Precip. horaria 0.000333 0.000001 464.092 0.000

L6.Temp. prom aire 0.007721 NAN NAN NAN

L7.Conduct 0.031295 NAN NAN NAN

L7.Water 0.001659 NAN NAN NAN

L7.Temp -0.001253 0.000000 -551127.068 0.000

L7.Precip. horaria -0.000447 NAN NAN NAN

L7.Temp. prom aire -0.004756 0.000000 -1681852.028 0.000

L8.Conduct -0.004910 0.000000 -5252741.079 0.000

L8.Water 0.001297 NAN NAN NAN

L8.Temp 0.003403 NAN NAN NAN

L8.Precip. horaria 0.000356 0.000001 259.122 0.000

L8.Temp. prom aire 0.006151 0.000000 1166086.223 0.000

L9.Conduct 0.015103 NAN NAN NAN

L9.Water 0.000689 NAN NAN NAN

L9.Temp -0.000754 0.000000 -286057.014 0.000

L9.Precip. horaria -0.000283 0.000001 -465.331 0.000

L9.Temp. prom aire -0.004258 NAN NAN NAN

L10.Conduct -0.011389 NAN NAN NAN

L10.Water 0.001202 NAN NAN NAN

L10.Temp 0.003284 0.000000 1575874.197 0.000

L10.Precip. horaria 0.000275 0.000001 218.443 0.000

L10.Temp. prom aire 0.005153 0.000000 573299.766 0.000

L11.Conduct 0.006658 0.000000 4199592.009 0.000

L11.Water 0.000449 0.000000 452930.773 0.000

L11.Temp 0.000074 0.000000 136928.944 0.000

L11.Precip. horaria -0.000228 NAN NAN NAN

L11.Temp. prom aire -0.003131 0.000000 -944701.959 0.000

L12.Conduct -0.004956 0.000000 -18898093.118 0.000

L12.Water 0.001144 NAN NAN NAN

L12.Temp 0.002959 NAN NAN NAN

L12.Precip. horaria 0.000221 NAN NAN NAN

L12.Temp. prom aire 0.004826 NAN NAN NAN

L13.Conduct 0.012349 NAN NAN NAN

L13.Water 0.000731 0.000000 114074.630 0.000

L13.Temp -0.000654 0.000000 -413866.127 0.000

L13.Precip. horaria -0.000216 NAN NAN NAN

L13.Temp. prom aire -0.001823 0.000000 -239747.333 0.000

L14.Conduct -0.003120 0.000000 -6186142.695 0.000

L14.Water 0.001429 NAN NAN NAN

L14.Temp 0.003196 NAN NAN NAN

L14.Precip. horaria 0.000214 NAN NAN NAN

L14.Temp. prom aire 0.002164 0.000000 1046074.666 0.000

L15.Conduct 0.011001 NAN NAN NAN

L15.Water 0.000880 NAN NAN NAN

L15.Temp -0.000021 0.000000 -5046.287 0.000

L15.Precip. horaria -0.000143 NAN NAN NAN

L15.Temp. prom aire 0.000160 NAN NAN NAN

L16.Conduct -0.002162 NAN NAN NAN

L16.Water 0.001479 NAN NAN NAN

L16.Temp 0.002423 NAN NAN NAN

L16.Precip. horaria 0.000098 NAN NAN NAN

L16.Temp. prom aire -0.000342 0.000000 -102697.766 0.000

L17.Conduct 0.013043 NAN NAN NAN

L17.Water 0.000974 0.000000 480352.809 0.000

L17.Temp 0.000408 NAN NAN NAN

L17.Precip. horaria -0.000107 NAN NAN NAN

L17.Temp. prom aire 0.002891 NAN NAN NAN

L18.Conduct 0.004851 0.000000 1680070.574 0.000

L18.Water 0.001618 0.000000 250769.339 0.000

L18.Temp 0.002062 NAN NAN NAN

L18.Precip. horaria 0.000070 0.000002 42.435 0.000

L18.Temp. prom aire -0.002643 0.000000 -1738346.500 0.000

L19.Conduct 0.014124 NAN NAN NAN

L19.Water 0.001178 NAN NAN NAN

L19.Temp -0.000153 0.000000 -51084.065 0.000

L19.Precip. horaria -0.000066 NAN NAN NAN

L19.Temp. prom aire 0.005868 0.000000 1321405.590 0.000

L20.Conduct -0.007727 0.000000 -9800187.017 0.000

L20.Water -0.000189 0.000000 -19090.139 0.000

L20.Temp 0.001781 NAN NAN NAN

L20.Precip. horaria 0.000091 NAN NAN NAN

L20.Temp. prom aire -0.003017 NAN NAN NAN

L21.Conduct 0.010255 0.000000 11870703.450 0.000

L21.Water 0.001409 NAN NAN NAN

L21.Temp 0.001051 0.000000 289059.416 0.000

L21.Precip. horaria -0.000062 NAN NAN NAN

L21.Temp. prom aire 0.003541 0.000000 303527.746 0.000

L22.Conduct -0.004495 0.000000 -5037910.833 0.000

L22.Water 0.000012 0.000000 1190.061 0.000

L22.Temp 0.002604 0.000000 1880298.509 0.000

L22.Precip. horaria 0.000059 NAN NAN NAN

L22.Temp. prom aire -0.000982 NAN NAN NAN

L23.Conduct 0.003266 0.000000 2069659.942 0.000

L23.Water 0.000727 NAN NAN NAN

L23.Temp 0.000016 NAN NAN NAN

L23.Precip. horaria -0.000028 0.000004 -6.845 0.000

L23.Temp. prom aire 0.002570 NAN NAN NAN

L24.Conduct 0.007993 NAN NAN NAN

L24.Water 0.001060 NAN NAN NAN

L24.Temp 0.002603 NAN NAN NAN

L24.Precip. horaria -0.000005 NAN NAN NAN

L24.Temp. prom aire -0.000880 0.000000 -266561.191 0.000

L25.Conduct 0.005894 0.000000 2103539.282 0.000

L25.Water 0.000994 0.000000 94583.496 0.000

L25.Temp 0.000151 NAN NAN NAN

L25.Precip. horaria 0.000004 0.000229 0.016 0.987

L25.Temp. prom aire 0.003287 NAN NAN NAN

L26.Conduct 0.006490 0.000000 6825455.088 0.000

L26.Water 0.001078 NAN NAN NAN

L26.Temp 0.001174 NAN NAN NAN

L26.Precip. horaria -0.000002 NAN NAN NAN

L26.Temp. prom aire -0.001331 NAN NAN NAN

L27.Conduct 0.001711 0.000000 1098527.444 0.000

L27.Water 0.000774 0.000000 154682.332 0.000

L27.Temp -0.000374 0.000000 -792334.150 0.000

L27.Precip. horaria 0.000003 NAN NAN NAN

L27.Temp. prom aire 0.000901 0.000000 390606.131 0.000

L28.Conduct 0.002919 NAN NAN NAN

L28.Water 0.000795 NAN NAN NAN

L28.Temp 0.002688 0.000000 9820774.798 0.000

L28.Precip. horaria -0.000002 NAN NAN NAN

L28.Temp. prom aire -0.000425 0.000000 -173744.096 0.000

L29.Conduct 0.002455 NAN NAN NAN

L29.Water 0.000864 0.000000 216671.351 0.000

L29.Temp -0.000232 0.000000 -246945.931 0.000

L29.Precip. horaria 0.000002 0.000156 0.012 0.991

L29.Temp. prom aire 0.003092 NAN NAN NAN

L30.Conduct 0.002943 NAN NAN NAN

L30.Water 0.000496 NAN NAN NAN

L30.Temp 0.001804 0.000000 636684.801 0.000

L30.Precip. horaria -0.000002 0.000098 -0.025 0.980

L30.Temp. prom aire -0.001839 NAN NAN NAN

L31.Conduct 0.005914 0.000000 12379260.655 0.000

L31.Water 0.001386 NAN NAN NAN

L31.Temp 0.001009 NAN NAN NAN

L31.Precip. horaria 0.000002 0.000043 0.056 0.955

L31.Temp. prom aire 0.004015 NAN NAN NAN

L32.Conduct 0.003390 0.000000 4759543.414 0.000

L32.Water 0.000700 NAN NAN NAN

L32.Temp 0.001044 0.000000 300227.962 0.000

L32.Precip. horaria -0.000001 NAN NAN NAN

L32.Temp. prom aire -0.001880 NAN NAN NAN

L33.Conduct 0.004734 NAN NAN NAN

L33.Water 0.001720 0.000000 261221.387 0.000

L33.Temp -0.000566 0.000000 -158366.224 0.000

L33.Precip. horaria 0.000002 0.000250 0.009 0.993

L33.Temp. prom aire 0.002324 0.000000 561874.354 0.000

L34.Conduct 0.003087 NAN NAN NAN

L34.Water 0.000916 NAN NAN NAN

L34.Temp 0.001699 0.000000 627250.978 0.000

L34.Precip. horaria -0.000012 0.000007 -1.715 0.086

L34.Temp. prom aire -0.001006 NAN NAN NAN

L35.Conduct 0.004845 NAN NAN NAN

L35.Water 0.002008 0.000000 562801.049 0.000

L35.Temp -0.000830 0.000000 -192208.550 0.000

L35.Precip. horaria 0.000021 NAN NAN NAN

L35.Temp. prom aire 0.000672 NAN NAN NAN

L36.Conduct 0.002061 0.000000 4550418.588 0.000

L36.Water 0.000241 NAN NAN NAN

L36.Temp 0.002933 NAN NAN NAN

L36.Precip. horaria -0.000014 0.000017 -0.789 0.430

L36.Temp. prom aire 0.000273 NAN NAN NAN

L37.Conduct 0.003002 0.000000 6774410.315 0.000

L37.Water 0.001832 NAN NAN NAN

L37.Temp -0.000414 NAN NAN NAN

L37.Precip. horaria 0.000013 NAN NAN NAN

L37.Temp. prom aire 0.001055 NAN NAN NAN

L38.Conduct 0.003312 0.000000 2857015.137 0.000

L38.Water 0.001171 0.000000 517333.681 0.000

L38.Temp 0.002750 NAN NAN NAN

L38.Precip. horaria -0.000016 0.000004 -4.482 0.000

L38.Temp. prom aire 0.001339 NAN NAN NAN

L39.Conduct 0.004925 NAN NAN NAN

L39.Water 0.002332 NAN NAN NAN

L39.Temp -0.000690 0.000000 -276787.958 0.000

L39.Precip. horaria 0.000005 NAN NAN NAN

L39.Temp. prom aire 0.000249 0.000000 41772.021 0.000

L40.Conduct 0.004395 0.000000 4883998.411 0.000

L40.Water 0.001495 NAN NAN NAN

L40.Temp 0.002165 0.000000 250668.635 0.000

L40.Precip. horaria 0.000021 NAN NAN NAN

L40.Temp. prom aire 0.001109 NAN NAN NAN

L41.Conduct 0.003539 NAN NAN NAN

L41.Water 0.001402 0.000000 276313.047 0.000

L41.Temp 0.000234 NAN NAN NAN

L41.Precip. horaria -0.000003 0.000014 -0.210 0.834

L41.Temp. prom aire -0.000047 NAN NAN NAN

L42.Conduct 0.004709 NAN NAN NAN

L42.Water 0.000810 NAN NAN NAN

L42.Temp 0.001942 0.000000 4822222.592 0.000

L42.Precip. horaria -0.000011 0.000001 -8.769 0.000

L42.Temp. prom aire 0.001504 0.000000 2588137.331 0.000

L43.Conduct 0.004748 0.000000 6633473.220 0.000

L43.Water 0.001245 NAN NAN NAN

L43.Temp 0.000401 NAN NAN NAN

L43.Precip. horaria -0.000013 0.000002 -5.648 0.000

L43.Temp. prom aire -0.000106 NAN NAN NAN

L44.Conduct 0.006276 NAN NAN NAN

L44.Water 0.001759 NAN NAN NAN

L44.Temp 0.000362 NAN NAN NAN

L44.Precip. horaria 0.000067 0.000001 55.583 0.000

L44.Temp. prom aire 0.001050 0.000000 184815.322 0.000

L45.Conduct 0.011427 0.000000 8685642.267 0.000

L45.Water 0.003556 NAN NAN NAN

L45.Temp 0.001353 NAN NAN NAN

L45.Precip. horaria -0.000009 NAN NAN NAN

L45.Temp. prom aire -0.000379 NAN NAN NAN

L46.Conduct 0.003820 0.000000 5572674.361 0.000

L46.Water 0.000258 NAN NAN NAN

L46.Temp 0.000079 NAN NAN NAN

L46.Precip. horaria 0.000043 0.000001 34.942 0.000

L46.Temp. prom aire 0.001519 NAN NAN NAN

L47.Conduct 0.002792 0.000000 4600909.917 0.000

L47.Water 0.000216 0.000000 77074.300 0.000

L47.Temp 0.002057 0.000000 783789.849 0.000

L47.Precip. horaria 0.000014 0.000001 12.510 0.000

L47.Temp. prom aire -0.001223 NAN NAN NAN

L48.Conduct -0.004106 NAN NAN NAN

L48.Water 0.001078 0.000000 462036.930 0.000

L48.Temp 0.000972 0.000000 205029.841 0.000

L48.Precip. horaria -0.000104 NAN NAN NAN

L48.Temp. prom aire 0.003764 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000000 0.000000 219.049 0.000

L1.Conduct -0.000334 0.000000 -16007214.034 0.000

L1.Water -0.000295 NAN NAN NAN

L1.Temp -0.000331 NAN NAN NAN

L1.Precip. horaria -0.000031 NAN NAN NAN

L1.Temp. prom aire -0.000499 NAN NAN NAN

L2.Conduct 0.000163 NAN NAN NAN

L2.Water 0.000292 NAN NAN NAN

L2.Temp 0.000225 0.000000 1189547.451 0.000

L2.Precip. horaria 0.000010 NAN NAN NAN

L2.Temp. prom aire 0.000387 0.000000 1567813.139 0.000

L3.Conduct 0.000249 0.000000 11686145.634 0.000

L3.Water -0.000077 0.000000 -660490.990 0.000

L3.Temp -0.000124 NAN NAN NAN

L3.Precip. horaria -0.000033 NAN NAN NAN

L3.Temp. prom aire -0.000073 0.000000 -536414.560 0.000

L4.Conduct 0.000472 NAN NAN NAN

L4.Water 0.000263 0.000000 12607851.120 0.000

L4.Temp 0.000099 0.000000 2108926.744 0.000

L4.Precip. horaria 0.000027 0.000000 1057.635 0.000

L4.Temp. prom aire 0.000138 NAN NAN NAN

L5.Conduct -0.000128 NAN NAN NAN

L5.Water -0.000460 NAN NAN NAN

L5.Temp -0.000155 NAN NAN NAN

L5.Precip. horaria -0.000018 NAN NAN NAN

L5.Temp. prom aire -0.000347 NAN NAN NAN

L6.Conduct -0.000733 0.000000 -21335457.600 0.000

L6.Water 0.000002 0.000000 23635.853 0.000

L6.Temp 0.000121 0.000000 526567.556 0.000

L6.Precip. horaria 0.000011 0.000000 447.287 0.000

L6.Temp. prom aire 0.000228 NAN NAN NAN

L7.Conduct 0.003659 NAN NAN NAN

L7.Water 0.000459 NAN NAN NAN

L7.Temp -0.000143 0.000000 -1868751.357 0.000

L7.Precip. horaria -0.000028 NAN NAN NAN

L7.Temp. prom aire -0.000276 0.000000 -2885460.122 0.000

L8.Conduct -0.003572 0.000000 -113130225.671 0.000

L8.Water -0.000060 NAN NAN NAN

L8.Temp 0.000168 NAN NAN NAN

L8.Precip. horaria 0.000036 0.000000 779.252 0.000

L8.Temp. prom aire 0.000396 0.000000 2223850.823 0.000

L9.Conduct 0.000483 NAN NAN NAN

L9.Water -0.000233 NAN NAN NAN

L9.Temp -0.000063 0.000000 -707784.245 0.000

L9.Precip. horaria -0.000001 0.000000 -61.349 0.000

L9.Temp. prom aire -0.000079 NAN NAN NAN

L10.Conduct -0.000362 NAN NAN NAN

L10.Water -0.000181 NAN NAN NAN

L10.Temp -0.000180 0.000000 -2559223.508 0.000

L10.Precip. horaria -0.000012 0.000000 -277.506 0.000

L10.Temp. prom aire -0.000187 0.000000 -617398.855 0.000

L11.Conduct 0.001676 0.000000 31308940.863 0.000

L11.Water 0.000227 0.000000 6793805.510 0.000

L11.Temp 0.000065 0.000000 3536754.192 0.000

L11.Precip. horaria 0.000006 NAN NAN NAN

L11.Temp. prom aire -0.000104 0.000000 -930218.627 0.000

L12.Conduct -0.001790 0.000000 -202051276.894 0.000

L12.Water 0.000035 NAN NAN NAN

L12.Temp 0.000051 NAN NAN NAN

L12.Precip. horaria 0.000005 NAN NAN NAN

L12.Temp. prom aire 0.000067 NAN NAN NAN

L13.Conduct 0.000421 NAN NAN NAN

L13.Water 0.000170 0.000000 783704.304 0.000

L13.Temp 0.000088 0.000000 1646083.388 0.000

L13.Precip. horaria -0.000007 NAN NAN NAN

L13.Temp. prom aire 0.000188 0.000000 730064.631 0.000

L14.Conduct -0.000071 0.000000 -4155393.502 0.000

L14.Water -0.000272 NAN NAN NAN

L14.Temp 0.000064 NAN NAN NAN

L14.Precip. horaria -0.000010 NAN NAN NAN

L14.Temp. prom aire 0.000061 0.000000 875816.813 0.000

L15.Conduct 0.003840 NAN NAN NAN

L15.Water 0.000361 NAN NAN NAN

L15.Temp -0.000188 0.000000 -1354309.559 0.000

L15.Precip. horaria -0.000002 NAN NAN NAN

L15.Temp. prom aire 0.000086 NAN NAN NAN

L16.Conduct 0.000596 NAN NAN NAN

L16.Water -0.000018 NAN NAN NAN

L16.Temp -0.000080 NAN NAN NAN

L16.Precip. horaria 0.000009 NAN NAN NAN

L16.Temp. prom aire -0.000533 0.000000 -4743581.268 0.000

L17.Conduct -0.004055 NAN NAN NAN

L17.Water -0.000312 0.000000 -4553873.633 0.000

L17.Temp 0.000108 NAN NAN NAN

L17.Precip. horaria 0.000019 NAN NAN NAN

L17.Temp. prom aire 0.000507 NAN NAN NAN

L18.Conduct -0.000128 0.000000 -1307566.074 0.000

L18.Water -0.000007 0.000000 -32727.544 0.000

L18.Temp 0.000023 NAN NAN NAN

L18.Precip. horaria -0.000016 0.000000 -284.344 0.000

L18.Temp. prom aire -0.000374 0.000000 -7285946.956 0.000

L19.Conduct -0.000994 NAN NAN NAN

L19.Water -0.000073 NAN NAN NAN

L19.Temp 0.000017 0.000000 164316.289 0.000

L19.Precip. horaria 0.000003 NAN NAN NAN

L19.Temp. prom aire 0.000547 0.000000 3650067.911 0.000

L20.Conduct 0.000662 0.000000 24864940.876 0.000

L20.Water 0.000067 0.000000 202081.960 0.000

L20.Temp 0.000072 NAN NAN NAN

L20.Precip. horaria -0.000006 NAN NAN NAN

L20.Temp. prom aire -0.000659 NAN NAN NAN

L21.Conduct -0.000069 0.000000 -2350616.997 0.000

L21.Water 0.000000 NAN NAN NAN

L21.Temp 0.000055 0.000000 448418.892 0.000

L21.Precip. horaria 0.000003 NAN NAN NAN

L21.Temp. prom aire 0.000425 0.000000 1078613.652 0.000

L22.Conduct 0.000288 0.000000 9568016.803 0.000

L22.Water 0.000026 0.000000 74336.075 0.000

L22.Temp 0.000043 0.000000 917870.939 0.000

L22.Precip. horaria -0.000001 NAN NAN NAN

L22.Temp. prom aire -0.000028 NAN NAN NAN

L23.Conduct -0.000094 0.000000 -1757845.151 0.000

L23.Water -0.000004 NAN NAN NAN

L23.Temp -0.000080 NAN NAN NAN

L23.Precip. horaria 0.000001 0.000000 5.955 0.000

L23.Temp. prom aire 0.000085 NAN NAN NAN

L24.Conduct 0.000151 NAN NAN NAN

L24.Water 0.000013 NAN NAN NAN

L24.Temp 0.000161 NAN NAN NAN

L24.Precip. horaria -0.000000 NAN NAN NAN

L24.Temp. prom aire -0.000249 0.000000 -2232599.446 0.000

L25.Conduct -0.000238 0.000000 -2520176.263 0.000

L25.Water -0.000012 0.000000 -34952.770 0.000

L25.Temp -0.000080 NAN NAN NAN

L25.Precip. horaria 0.000000 0.000008 0.055 0.956

L25.Temp. prom aire 0.000100 NAN NAN NAN

L26.Conduct -0.000149 0.000000 -4640042.710 0.000

L26.Water -0.000009 NAN NAN NAN

L26.Temp 0.000040 NAN NAN NAN

L26.Precip. horaria -0.000000 NAN NAN NAN

L26.Temp. prom aire 0.000042 NAN NAN NAN

L27.Conduct -0.000218 0.000000 -4142646.905 0.000

L27.Water -0.000014 0.000000 -80380.282 0.000

L27.Temp 0.000048 0.000000 2997952.235 0.000

L27.Precip. horaria 0.000000 NAN NAN NAN

L27.Temp. prom aire 0.000188 0.000000 2411827.151 0.000

L28.Conduct 0.000070 NAN NAN NAN

L28.Water -0.000001 NAN NAN NAN

L28.Temp 0.000099 0.000000 10659229.041 0.000

L28.Precip. horaria -0.000000 NAN NAN NAN

L28.Temp. prom aire 0.000158 0.000000 1918623.941 0.000

L29.Conduct 0.000001 NAN NAN NAN

L29.Water 0.000004 0.000000 26186.245 0.000

L29.Temp -0.000029 0.000000 -901912.469 0.000

L29.Precip. horaria 0.000000 0.000005 0.031 0.975

L29.Temp. prom aire -0.000441 NAN NAN NAN

L30.Conduct 0.000022 NAN NAN NAN

L30.Water -0.000028 NAN NAN NAN

L30.Temp 0.000146 0.000000 1525260.630 0.000

L30.Precip. horaria -0.000000 0.000003 -0.060 0.952

L30.Temp. prom aire 0.000170 NAN NAN NAN

L31.Conduct 0.000352 0.000000 21800888.895 0.000

L31.Water 0.000056 NAN NAN NAN

L31.Temp 0.000030 NAN NAN NAN

L31.Precip. horaria -0.000000 0.000001 -0.049 0.961

L31.Temp. prom aire 0.000086 NAN NAN NAN

L32.Conduct 0.000030 0.000000 1263051.847 0.000

L32.Water -0.000032 NAN NAN NAN

L32.Temp -0.000102 0.000000 -866138.700 0.000

L32.Precip. horaria -0.000000 NAN NAN NAN

L32.Temp. prom aire 0.000046 NAN NAN NAN

L33.Conduct 0.000108 NAN NAN NAN

L33.Water 0.000043 0.000000 193858.278 0.000

L33.Temp -0.000101 0.000000 -838561.955 0.000

L33.Precip. horaria 0.000000 0.000008 0.022 0.983

L33.Temp. prom aire -0.000093 0.000000 -667884.281 0.000

L34.Conduct -0.000468 NAN NAN NAN

L34.Water -0.000071 NAN NAN NAN

L34.Temp 0.000149 0.000000 1626331.983 0.000

L34.Precip. horaria -0.000001 0.000000 -2.167 0.030

L34.Temp. prom aire -0.000057 NAN NAN NAN

L35.Conduct -0.000313 NAN NAN NAN

L35.Water 0.000009 0.000000 75310.159 0.000

L35.Temp 0.000008 0.000000 53707.801 0.000

L35.Precip. horaria 0.000001 NAN NAN NAN

L35.Temp. prom aire 0.000044 NAN NAN NAN

L36.Conduct -0.000381 0.000000 -24936064.008 0.000

L36.Water -0.000117 NAN NAN NAN

L36.Temp 0.000205 NAN NAN NAN

L36.Precip. horaria -0.000002 0.000001 -2.766 0.006

L36.Temp. prom aire 0.000085 NAN NAN NAN

L37.Conduct 0.000374 0.000000 24975386.845 0.000

L37.Water 0.000063 NAN NAN NAN

L37.Temp -0.000097 NAN NAN NAN

L37.Precip. horaria 0.000001 NAN NAN NAN

L37.Temp. prom aire 0.000172 NAN NAN NAN

L38.Conduct 0.000360 0.000000 9192752.197 0.000

L38.Water -0.000013 0.000000 -174402.797 0.000

L38.Temp 0.000048 NAN NAN NAN

L38.Precip. horaria -0.000001 0.000000 -12.032 0.000

L38.Temp. prom aire -0.000119 NAN NAN NAN

L39.Conduct 0.000498 NAN NAN NAN

L39.Water 0.000073 NAN NAN NAN

L39.Temp 0.000046 0.000000 546716.171 0.000

L39.Precip. horaria -0.000000 NAN NAN NAN

L39.Temp. prom aire 0.000040 0.000000 198679.657 0.000

L40.Conduct 0.000179 0.000000 5902584.392 0.000

L40.Water 0.000026 NAN NAN NAN

L40.Temp -0.000048 0.000000 -163057.199 0.000

L40.Precip. horaria 0.000002 NAN NAN NAN

L40.Temp. prom aire 0.000101 NAN NAN NAN

L41.Conduct -0.000337 NAN NAN NAN

L41.Water -0.000055 0.000000 -320557.926 0.000

L41.Temp -0.000177 NAN NAN NAN

L41.Precip. horaria -0.000001 0.000000 -2.540 0.011

L41.Temp. prom aire -0.000288 NAN NAN NAN

L42.Conduct -0.000089 NAN NAN NAN

L42.Water -0.000032 NAN NAN NAN

L42.Temp 0.000109 0.000000 7977231.698 0.000

L42.Precip. horaria -0.000001 0.000000 -29.562 0.000

L42.Temp. prom aire 0.000169 0.000000 8615152.671 0.000

L43.Conduct -0.000125 0.000000 -5178433.128 0.000

L43.Water 0.000006 NAN NAN NAN

L43.Temp 0.000032 NAN NAN NAN

L43.Precip. horaria -0.000002 0.000000 -31.052 0.000

L43.Temp. prom aire -0.000069 NAN NAN NAN

L44.Conduct 0.000439 NAN NAN NAN

L44.Water 0.000099 NAN NAN NAN

L44.Temp 0.000038 NAN NAN NAN

L44.Precip. horaria 0.000005 0.000000 120.460 0.000

L44.Temp. prom aire 0.000104 0.000000 540967.075 0.000

L45.Conduct 0.000327 0.000000 7354256.002 0.000

L45.Water 0.000061 NAN NAN NAN

L45.Temp 0.000134 NAN NAN NAN

L45.Precip. horaria -0.000000 NAN NAN NAN

L45.Temp. prom aire -0.000105 NAN NAN NAN

L46.Conduct -0.000470 0.000000 -20292268.714 0.000

L46.Water -0.000142 NAN NAN NAN

L46.Temp -0.000202 NAN NAN NAN

L46.Precip. horaria 0.000002 0.000000 60.661 0.000

L46.Temp. prom aire 0.000183 NAN NAN NAN

L47.Conduct -0.000120 0.000000 -5861063.713 0.000

L47.Water 0.000004 0.000000 41258.089 0.000

L47.Temp 0.000092 0.000000 1034621.411 0.000

L47.Precip. horaria -0.000006 0.000000 -165.271 0.000

L47.Temp. prom aire -0.000064 NAN NAN NAN

L48.Conduct -0.000089 NAN NAN NAN

L48.Water 0.000251 0.000000 3186767.789 0.000

L48.Temp -0.000230 0.000000 -1435423.207 0.000

L48.Precip. horaria -0.000008 NAN NAN NAN

L48.Temp. prom aire 0.000102 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000050 0.000000 802.237 0.000

L1.Conduct 0.035424 0.000000 45568558.125 0.000

L1.Water -0.000043 NAN NAN NAN

L1.Temp -0.008898 NAN NAN NAN

L1.Precip. horaria -0.000670 NAN NAN NAN

L1.Temp. prom aire -0.017585 NAN NAN NAN

L2.Conduct 0.000030 NAN NAN NAN

L2.Water 0.001732 NAN NAN NAN

L2.Temp 0.006655 0.000000 944315.915 0.000

L2.Precip. horaria 0.000769 NAN NAN NAN

L2.Temp. prom aire 0.015058 0.000000 1640166.054 0.000

L3.Conduct -0.016522 0.000000 -20838272.703 0.000

L3.Water -0.005608 0.000000 -1297565.781 0.000

L3.Temp -0.006097 NAN NAN NAN

L3.Precip. horaria -0.000562 NAN NAN NAN

L3.Temp. prom aire -0.015717 0.000000 -3118940.625 0.000

L4.Conduct -0.004287 NAN NAN NAN

L4.Water 0.006294 0.000000 8115794.043 0.000

L4.Temp 0.007419 0.000000 4240171.063 0.000

L4.Precip. horaria 0.000706 0.000001 738.078 0.000

L4.Temp. prom aire 0.014582 NAN NAN NAN

L5.Conduct -0.003409 NAN NAN NAN

L5.Water -0.002398 NAN NAN NAN

L5.Temp -0.004378 NAN NAN NAN

L5.Precip. horaria -0.000840 NAN NAN NAN

L5.Temp. prom aire -0.013100 NAN NAN NAN

L6.Conduct -0.028524 0.000000 -22290435.540 0.000

L6.Water 0.002839 0.000000 1049599.729 0.000

L6.Temp 0.008490 0.000000 989786.040 0.000

L6.Precip. horaria 0.000947 0.000001 1048.479 0.000

L6.Temp. prom aire 0.018144 NAN NAN NAN

L7.Conduct 0.055889 NAN NAN NAN

L7.Water 0.000166 NAN NAN NAN

L7.Temp -0.006829 0.000000 -2389060.581 0.000

L7.Precip. horaria -0.001069 NAN NAN NAN

L7.Temp. prom aire -0.016076 0.000000 -4520505.795 0.000

L8.Conduct -0.022090 0.000000 -18789890.367 0.000

L8.Water 0.002111 NAN NAN NAN

L8.Temp 0.007068 NAN NAN NAN

L8.Precip. horaria 0.001031 0.000002 596.647 0.000

L8.Temp. prom aire 0.015698 0.000000 2366514.512 0.000

L9.Conduct 0.020089 NAN NAN NAN

L9.Water -0.001024 NAN NAN NAN

L9.Temp -0.005042 0.000000 -1520435.773 0.000

L9.Precip. horaria -0.000826 0.000001 -1081.636 0.000

L9.Temp. prom aire -0.014165 NAN NAN NAN

L10.Conduct -0.031018 NAN NAN NAN

L10.Water 0.003058 NAN NAN NAN

L10.Temp 0.007417 0.000000 2830195.265 0.000

L10.Precip. horaria 0.000760 0.000002 479.400 0.000

L10.Temp. prom aire 0.013840 0.000000 1224344.760 0.000

L11.Conduct 0.018116 0.000000 9086614.873 0.000

L11.Water -0.001045 0.000000 -838792.049 0.000

L11.Temp -0.003045 0.000000 -4454567.385 0.000

L11.Precip. horaria -0.000755 NAN NAN NAN

L11.Temp. prom aire -0.010658 0.000000 -2557369.841 0.000

L12.Conduct -0.006005 0.000000 -18206702.476 0.000

L12.Water 0.003207 NAN NAN NAN

L12.Temp 0.006000 NAN NAN NAN

L12.Precip. horaria 0.000637 NAN NAN NAN

L12.Temp. prom aire 0.011664 NAN NAN NAN

L13.Conduct 0.038854 NAN NAN NAN

L13.Water 0.000218 0.000000 27007.508 0.000

L13.Temp -0.005122 0.000000 -2578051.304 0.000

L13.Precip. horaria -0.000634 NAN NAN NAN

L13.Temp. prom aire -0.004920 0.000000 -514417.046 0.000

L14.Conduct -0.024593 0.000000 -38772356.390 0.000

L14.Water 0.001840 NAN NAN NAN

L14.Temp 0.006230 NAN NAN NAN

L14.Precip. horaria 0.000631 NAN NAN NAN

L14.Temp. prom aire 0.002867 0.000000 1101847.888 0.000

L15.Conduct 0.023623 NAN NAN NAN

L15.Water 0.000196 NAN NAN NAN

L15.Temp -0.002247 0.000000 -433649.385 0.000

L15.Precip. horaria -0.000403 NAN NAN NAN

L15.Temp. prom aire -0.000155 NAN NAN NAN

L16.Conduct -0.028468 NAN NAN NAN

L16.Water 0.000873 NAN NAN NAN

L16.Temp 0.003904 NAN NAN NAN

L16.Precip. horaria 0.000334 NAN NAN NAN

L16.Temp. prom aire -0.002375 0.000000 -567599.037 0.000

L17.Conduct 0.027507 NAN NAN NAN

L17.Water 0.000979 0.000000 384107.685 0.000

L17.Temp -0.000929 NAN NAN NAN

L17.Precip. horaria -0.000340 NAN NAN NAN

L17.Temp. prom aire 0.004544 NAN NAN NAN

L18.Conduct -0.009692 0.000000 -2669208.012 0.000

L18.Water 0.001374 0.000000 169385.516 0.000

L18.Temp 0.003785 NAN NAN NAN

L18.Precip. horaria 0.000242 0.000002 115.870 0.000

L18.Temp. prom aire -0.004911 0.000000 -2568560.960 0.000

L19.Conduct 0.034439 NAN NAN NAN

L19.Water 0.002761 NAN NAN NAN

L19.Temp -0.002389 0.000000 -632244.491 0.000

L19.Precip. horaria -0.000226 NAN NAN NAN

L19.Temp. prom aire 0.010402 0.000000 1862724.478 0.000

L20.Conduct -0.028940 0.000000 -29188095.421 0.000

L20.Water -0.002014 0.000000 -162006.133 0.000

L20.Temp 0.003191 NAN NAN NAN

L20.Precip. horaria 0.000237 NAN NAN NAN

L20.Temp. prom aire -0.008083 NAN NAN NAN

L21.Conduct 0.019557 0.000000 18000834.164 0.000

L21.Water 0.002325 NAN NAN NAN

L21.Temp 0.000458 0.000000 100176.519 0.000

L21.Precip. horaria -0.000175 NAN NAN NAN

L21.Temp. prom aire 0.006415 0.000000 437262.241 0.000

L22.Conduct -0.009171 0.000000 -8174162.397 0.000

L22.Water -0.000476 0.000000 -36719.719 0.000

L22.Temp 0.005159 0.000000 2962723.509 0.000

L22.Precip. horaria 0.000122 NAN NAN NAN

L22.Temp. prom aire -0.003519 NAN NAN NAN

L23.Conduct -0.000779 0.000000 -392531.802 0.000

L23.Water 0.000327 NAN NAN NAN

L23.Temp -0.002648 NAN NAN NAN

L23.Precip. horaria -0.000036 0.000005 -7.059 0.000

L23.Temp. prom aire 0.006308 NAN NAN NAN

L24.Conduct 0.009633 NAN NAN NAN

L24.Water 0.000960 NAN NAN NAN

L24.Temp 0.005496 NAN NAN NAN

L24.Precip. horaria -0.000010 NAN NAN NAN

L24.Temp. prom aire -0.004550 0.000000 -1095810.353 0.000

L25.Conduct 0.005068 0.000000 1438178.544 0.000

L25.Water 0.000840 0.000000 63508.054 0.000

L25.Temp -0.000592 NAN NAN NAN

L25.Precip. horaria 0.000009 0.000288 0.033 0.974

L25.Temp. prom aire 0.010016 NAN NAN NAN

L26.Conduct 0.005616 0.000000 4696519.985 0.000

L26.Water 0.000947 NAN NAN NAN

L26.Temp 0.001904 NAN NAN NAN

L26.Precip. horaria -0.000007 NAN NAN NAN

L26.Temp. prom aire -0.007596 NAN NAN NAN

L27.Conduct -0.001467 0.000000 -748759.844 0.000

L27.Water 0.000406 0.000000 64424.485 0.000

L27.Temp -0.000787 0.000000 -1325503.017 0.000

L27.Precip. horaria 0.000007 NAN NAN NAN

L27.Temp. prom aire 0.005069 0.000000 1748437.570 0.000

L28.Conduct 0.003109 NAN NAN NAN

L28.Water 0.000530 NAN NAN NAN

L28.Temp 0.004934 0.000000 14334776.973 0.000

L28.Precip. horaria -0.000007 NAN NAN NAN

L28.Temp. prom aire -0.004229 0.000000 -1374943.510 0.000

L29.Conduct 0.003078 NAN NAN NAN

L29.Water 0.000778 0.000000 155067.994 0.000

L29.Temp -0.001758 0.000000 -1488627.112 0.000

L29.Precip. horaria 0.000005 0.000196 0.026 0.979

L29.Temp. prom aire 0.007746 NAN NAN NAN

L30.Conduct 0.003743 NAN NAN NAN

L30.Water -0.000531 NAN NAN NAN

L30.Temp 0.004302 0.000000 1207011.966 0.000

L30.Precip. horaria -0.000008 0.000124 -0.062 0.951

L30.Temp. prom aire -0.006155 NAN NAN NAN

L31.Conduct 0.006847 0.000000 11397021.842 0.000

L31.Water 0.001748 NAN NAN NAN

L31.Temp -0.000355 NAN NAN NAN

L31.Precip. horaria 0.000008 0.000054 0.148 0.882

L31.Temp. prom aire 0.008977 NAN NAN NAN

L32.Conduct -0.000301 0.000000 -335656.493 0.000

L32.Water -0.000687 NAN NAN NAN

L32.Temp 0.002590 0.000000 592119.848 0.000

L32.Precip. horaria -0.000005 NAN NAN NAN

L32.Temp. prom aire -0.006133 NAN NAN NAN

L33.Conduct 0.001399 NAN NAN NAN

L33.Water 0.001770 0.000000 213782.677 0.000

L33.Temp -0.002717 0.000000 -604885.118 0.000

L33.Precip. horaria 0.000007 0.000315 0.022 0.982

L33.Temp. prom aire 0.005285 0.000000 1016230.328 0.000

L34.Conduct 0.000925 NAN NAN NAN

L34.Water -0.000075 NAN NAN NAN

L34.Temp 0.004228 0.000000 1240722.261 0.000

L34.Precip. horaria -0.000042 0.000009 -4.867 0.000

L34.Temp. prom aire -0.001859 NAN NAN NAN

L35.Conduct 0.005673 NAN NAN NAN

L35.Water 0.002184 0.000000 486932.082 0.000

L35.Temp -0.002817 0.000000 -518657.562 0.000

L35.Precip. horaria 0.000064 NAN NAN NAN

L35.Temp. prom aire 0.000274 NAN NAN NAN

L36.Conduct 0.000815 0.000000 1430822.757 0.000

L36.Water -0.001855 NAN NAN NAN

L36.Temp 0.006482 NAN NAN NAN

L36.Precip. horaria -0.000044 0.000022 -2.038 0.042

L36.Temp. prom aire 0.000698 NAN NAN NAN

L37.Conduct 0.002530 0.000000 4539935.191 0.000

L37.Water 0.002053 NAN NAN NAN

L37.Temp -0.002836 NAN NAN NAN

L37.Precip. horaria 0.000027 NAN NAN NAN

L37.Temp. prom aire 0.001923 NAN NAN NAN

L38.Conduct 0.002668 0.000000 1830033.773 0.000

L38.Water 0.000570 0.000000 200201.499 0.000

L38.Temp 0.004291 NAN NAN NAN

L38.Precip. horaria -0.000043 0.000005 -9.227 0.000

L38.Temp. prom aire 0.001893 NAN NAN NAN

L39.Conduct 0.007654 NAN NAN NAN

L39.Water 0.003967 NAN NAN NAN

L39.Temp -0.003432 0.000000 -1094986.445 0.000

L39.Precip. horaria -0.000027 NAN NAN NAN

L39.Temp. prom aire -0.000745 0.000000 -99259.398 0.000

L40.Conduct 0.002648 0.000000 2339369.116 0.000

L40.Water 0.000960 NAN NAN NAN

L40.Temp 0.004227 0.000000 389244.459 0.000

L40.Precip. horaria 0.000100 NAN NAN NAN

L40.Temp. prom aire 0.000693 NAN NAN NAN

L41.Conduct -0.001645 NAN NAN NAN

L41.Water 0.000426 0.000000 66801.810 0.000

L41.Temp -0.000441 NAN NAN NAN

L41.Precip. horaria -0.000034 0.000018 -1.914 0.056

L41.Temp. prom aire -0.000422 NAN NAN NAN

L42.Conduct 0.000483 NAN NAN NAN

L42.Water -0.000775 NAN NAN NAN

L42.Temp 0.004215 0.000000 8320253.823 0.000

L42.Precip. horaria -0.000084 0.000002 -54.432 0.000

L42.Temp. prom aire 0.003421 0.000000 4679993.236 0.000

L43.Conduct 0.004474 0.000000 4970026.041 0.000

L43.Water 0.001659 NAN NAN NAN

L43.Temp -0.000404 NAN NAN NAN

L43.Precip. horaria -0.000032 0.000003 -10.738 0.000

L43.Temp. prom aire -0.000140 NAN NAN NAN

L44.Conduct 0.008098 NAN NAN NAN

L44.Water 0.002842 NAN NAN NAN

L44.Temp -0.000850 NAN NAN NAN

L44.Precip. horaria 0.000136 0.000002 89.535 0.000

L44.Temp. prom aire 0.001528 0.000000 213746.261 0.000

L45.Conduct 0.023961 0.000000 14482323.438 0.000

L45.Water 0.008873 NAN NAN NAN

L45.Temp 0.001846 NAN NAN NAN

L45.Precip. horaria 0.000029 NAN NAN NAN

L45.Temp. prom aire -0.002993 NAN NAN NAN

L46.Conduct -0.004083 0.000000 -4736052.262 0.000

L46.Water -0.002903 NAN NAN NAN

L46.Temp -0.000754 NAN NAN NAN

L46.Precip. horaria 0.000078 0.000002 50.773 0.000

L46.Temp. prom aire 0.003885 NAN NAN NAN

L47.Conduct -0.003256 0.000000 -4266050.294 0.000

L47.Water -0.001176 0.000000 -333194.556 0.000

L47.Temp 0.002724 0.000000 825245.308 0.000

L47.Precip. horaria 0.000003 0.000001 2.204 0.027

L47.Temp. prom aire -0.004613 NAN NAN NAN

L48.Conduct -0.020724 NAN NAN NAN

L48.Water 0.004769 0.000000 1625925.464 0.000

L48.Temp 0.001563 0.000000 262145.069 0.000

L48.Precip. horaria -0.000261 NAN NAN NAN

L48.Temp. prom aire 0.008688 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.185387 0.329632 -0.083178 0.670806

Water 0.185387 1.000000 -0.514182 0.398254 -0.314144

Temp 0.329632 -0.514182 1.000000 -0.247656 0.745742

Precip. horaria -0.083178 0.398254 -0.247656 1.000000 -0.252362

Temp. prom aire 0.670806 -0.314144 0.745742 -0.252362 1.000000

1. Sensor Norte Bajo (A840417221843961):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -157.363

Nobs: 23.0000 HQIC: -201.892

Log likelihood: 3535.63 FPE: -5.38342e-140

AIC: -216.853 Det(Omega\_mle): -2.70195e-145

---------------------------------------------------------------------

Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000414 NAN NAN NAN

L1.Conduct 0.090634 NAN NAN NAN

L1.Water -0.033406 0.000000 -4187265.918 0.000

L1.Temp 0.050348 0.000000 26508190.093 0.000

L1.Precip. horaria -0.001950 0.000000 -28292.824 0.000

L1.Temp. prom aire -0.003450 0.000000 -213657.527 0.000

L2.Conduct -0.087198 0.000000 -109004293.052 0.000

L2.Water 0.016769 NAN NAN NAN

L2.Temp 0.130036 0.000000 19883012.716 0.000

L2.Precip. horaria -0.006512 0.000001 -6904.763 0.000

L2.Temp. prom aire 0.209000 NAN NAN NAN

L3.Conduct 0.161325 0.000000 32225848.684 0.000

L3.Water 0.101616 NAN NAN NAN

L3.Temp -0.081618 NAN NAN NAN

L3.Precip. horaria -0.013507 0.000001 -26357.474 0.000

L3.Temp. prom aire -0.012437 0.000000 -1356027.793 0.000

L4.Conduct -0.065124 0.000000 -16755119.471 0.000

L4.Water 0.035381 0.000000 11833688.834 0.000

L4.Temp -0.096718 0.000000 -90627622.046 0.000

L4.Precip. horaria 0.014099 NAN NAN NAN

L4.Temp. prom aire 0.032785 0.000000 4920552.251 0.000

L5.Conduct -0.096329 NAN NAN NAN

L5.Water -0.043528 0.000000 -4205509.379 0.000

L5.Temp -0.166588 0.000000 -16642013.591 0.000

L5.Precip. horaria 0.007728 NAN NAN NAN

L5.Temp. prom aire -0.143061 NAN NAN NAN

L6.Conduct -0.258011 0.000000 -231161683.193 0.000

L6.Water -0.121509 0.000000 -10624346.619 0.000

L6.Temp -0.056263 NAN NAN NAN

L6.Precip. horaria 0.008820 NAN NAN NAN

L6.Temp. prom aire -0.052324 NAN NAN NAN

L7.Conduct -0.094211 NAN NAN NAN

L7.Water -0.059827 NAN NAN NAN

L7.Temp 0.032520 0.000000 8741909.914 0.000

L7.Precip. horaria -0.003136 0.000001 -3089.425 0.000

L7.Temp. prom aire -0.018867 0.000000 -10518471.728 0.000

L8.Conduct -0.090371 0.000000 -38825114.355 0.000

L8.Water -0.030586 NAN NAN NAN

L8.Temp 0.036672 0.000000 11493981.811 0.000

L8.Precip. horaria -0.003731 NAN NAN NAN

L8.Temp. prom aire 0.004528 NAN NAN NAN

L9.Conduct 0.052493 0.000000 3693781.838 0.000

L9.Water 0.027371 0.000000 5924481.055 0.000

L9.Temp 0.082871 0.000000 13679451.801 0.000

L9.Precip. horaria -0.006130 NAN NAN NAN

L9.Temp. prom aire 0.004377 0.000000 616707.469 0.000

L10.Conduct 0.038076 0.000000 8574671.147 0.000

L10.Water 0.028920 0.000000 5275976.186 0.000

L10.Temp 0.058294 NAN NAN NAN

L10.Precip. horaria -0.004074 0.000001 -4406.972 0.000

L10.Temp. prom aire 0.106518 NAN NAN NAN

L11.Conduct 0.120884 0.000000 17188409.925 0.000

L11.Water 0.067031 0.000000 3375324.394 0.000

L11.Temp 0.005661 NAN NAN NAN

L11.Precip. horaria 0.000703 NAN NAN NAN

L11.Temp. prom aire 0.018254 0.000000 8783232.888 0.000

L12.Conduct -0.042543 NAN NAN NAN

L12.Water -0.001857 0.000000 -149740.220 0.000

L12.Temp -0.021046 NAN NAN NAN

L12.Precip. horaria 0.003977 0.000001 6350.656 0.000

L12.Temp. prom aire 0.030235 NAN NAN NAN

L13.Conduct -0.060029 0.000000 -6688993.764 0.000

L13.Water -0.020499 0.000000 -1028130.679 0.000

L13.Temp -0.021168 NAN NAN NAN

L13.Precip. horaria 0.004183 NAN NAN NAN

L13.Temp. prom aire -0.179587 0.000000 -21525543.447 0.000

L14.Conduct -0.080191 0.000000 -10626581.904 0.000

L14.Water -0.047567 0.000000 -12411257.115 0.000

L14.Temp 0.047398 NAN NAN NAN

L14.Precip. horaria 0.000218 0.000002 88.220 0.000

L14.Temp. prom aire 0.003177 NAN NAN NAN

L15.Conduct 0.041315 0.000000 5264740.140 0.000

L15.Water 0.005077 0.000000 486722.708 0.000

L15.Temp -0.087458 NAN NAN NAN

L15.Precip. horaria -0.001461 0.000003 -575.608 0.000

L15.Temp. prom aire 0.251158 NAN NAN NAN

L16.Conduct 0.093535 0.000000 4560553.558 0.000

L16.Water 0.035758 NAN NAN NAN

L16.Temp 0.026135 NAN NAN NAN

L16.Precip. horaria -0.002043 0.000002 -1119.706 0.000

L16.Temp. prom aire -0.080414 NAN NAN NAN

L17.Conduct 0.020293 NAN NAN NAN

L17.Water 0.016004 0.000000 1183576.931 0.000

L17.Temp 0.076654 NAN NAN NAN

L17.Precip. horaria -0.000100 0.000005 -20.925 0.000

L17.Temp. prom aire 0.132250 NAN NAN NAN

L18.Conduct 0.062067 NAN NAN NAN

L18.Water 0.015982 0.000000 1294846.413 0.000

L18.Temp -0.010942 NAN NAN NAN

L18.Precip. horaria -0.001634 NAN NAN NAN

L18.Temp. prom aire -0.195341 NAN NAN NAN

L19.Conduct 0.014723 0.000000 1950277.201 0.000

L19.Water -0.000931 NAN NAN NAN

L19.Temp 0.045054 0.000000 10503805.716 0.000

L19.Precip. horaria 0.000942 0.000002 510.876 0.000

L19.Temp. prom aire -0.024304 0.000000 -6397031.369 0.000

L20.Conduct 0.025681 NAN NAN NAN

L20.Water 0.016987 NAN NAN NAN

L20.Temp 0.038468 NAN NAN NAN

L20.Precip. horaria 0.000778 0.000003 308.051 0.000

L20.Temp. prom aire -0.054465 0.000000 -27833167.119 0.000

L21.Conduct -0.067381 NAN NAN NAN

L21.Water -0.019134 NAN NAN NAN

L21.Temp -0.059904 NAN NAN NAN

L21.Precip. horaria 0.001259 0.000002 514.452 0.000

L21.Temp. prom aire 0.122499 NAN NAN NAN

L22.Conduct -0.066250 NAN NAN NAN

L22.Water -0.033159 NAN NAN NAN

L22.Temp -0.093119 0.000000 -38958563.725 0.000

L22.Precip. horaria 0.000134 NAN NAN NAN

L22.Temp. prom aire -0.027850 NAN NAN NAN

L23.Conduct -0.040556 NAN NAN NAN

L23.Water -0.018192 NAN NAN NAN

L23.Temp 0.059389 0.000000 10043068.842 0.000

L23.Precip. horaria -0.000948 0.000003 -299.441 0.000

L23.Temp. prom aire -0.045663 NAN NAN NAN

L24.Conduct -0.053278 NAN NAN NAN

L24.Water -0.011415 0.000000 -2108663.709 0.000

L24.Temp 0.260579 0.000000 90897411.051 0.000

L24.Precip. horaria -0.000028 0.000064 -0.437 0.662

L24.Temp. prom aire 0.175700 0.000000 18401559.753 0.000

L25.Conduct -0.109358 NAN NAN NAN

L25.Water -0.026569 0.000000 -1157512.150 0.000

L25.Temp -0.011797 NAN NAN NAN

L25.Precip. horaria -0.000032 NAN NAN NAN

L25.Temp. prom aire -0.001249 0.000000 -509319.454 0.000

L26.Conduct -0.119444 0.000000 -3419162.523 0.000

L26.Water -0.013184 NAN NAN NAN

L26.Temp 0.136181 0.000000 63643060.139 0.000

L26.Precip. horaria -0.000110 NAN NAN NAN

L26.Temp. prom aire 0.026703 NAN NAN NAN

L27.Conduct -0.000962 NAN NAN NAN

L27.Water 0.014686 0.000000 3252681.137 0.000

L27.Temp 0.101572 NAN NAN NAN

L27.Precip. horaria -0.000037 NAN NAN NAN

L27.Temp. prom aire 0.121149 NAN NAN NAN

L28.Conduct 0.060807 0.000000 3235088.505 0.000

L28.Water 0.020331 NAN NAN NAN

L28.Temp -0.070049 NAN NAN NAN

L28.Precip. horaria 0.000001 NAN NAN NAN

L28.Temp. prom aire -0.005259 0.000000 -1146715.451 0.000

L29.Conduct 0.088032 NAN NAN NAN

L29.Water 0.013731 NAN NAN NAN

L29.Temp 0.000548 0.000000 109524.307 0.000

L29.Precip. horaria 0.000057 NAN NAN NAN

L29.Temp. prom aire -0.050766 0.000000 -40529910.162 0.000

L30.Conduct 0.035356 NAN NAN NAN

L30.Water 0.012423 NAN NAN NAN

L30.Temp -0.063141 0.000000 -38909423.514 0.000

L30.Precip. horaria 0.000076 NAN NAN NAN

L30.Temp. prom aire -0.019830 0.000000 -7452774.599 0.000

L31.Conduct -0.026779 0.000000 -2116669.127 0.000

L31.Water -0.030068 0.000000 -3779866.977 0.000

L31.Temp 0.024877 0.000000 5244472.961 0.000

L31.Precip. horaria -0.000012 0.000089 -0.132 0.895

L31.Temp. prom aire -0.034588 0.000000 -4671598.504 0.000

L32.Conduct -0.101942 0.000000 -6349024.478 0.000

L32.Water -0.096748 NAN NAN NAN

L32.Temp 0.222520 0.000000 52736722.384 0.000

L32.Precip. horaria -0.000134 0.000229 -0.584 0.559

L32.Temp. prom aire 0.043291 NAN NAN NAN

L33.Conduct -0.051174 0.000000 -3583167.817 0.000

L33.Water -0.049086 0.000000 -10363821.344 0.000

L33.Temp 0.076600 0.000000 14435811.545 0.000

L33.Precip. horaria -0.000085 NAN NAN NAN

L33.Temp. prom aire 0.090091 0.000000 13584643.204 0.000

L34.Conduct -0.044598 NAN NAN NAN

L34.Water -0.098934 0.000000 -7223326.313 0.000

L34.Temp 0.074006 0.000000 24526605.418 0.000

L34.Precip. horaria 0.000662 NAN NAN NAN

L34.Temp. prom aire 0.042610 0.000000 6361168.140 0.000

L35.Conduct 0.022326 0.000000 3671771.405 0.000

L35.Water -0.014669 NAN NAN NAN

L35.Temp -0.106428 0.000000 -18992157.806 0.000

L35.Precip. horaria -0.000711 NAN NAN NAN

L35.Temp. prom aire 0.068487 NAN NAN NAN

L36.Conduct 0.054672 NAN NAN NAN

L36.Water 0.032504 0.000000 6522198.267 0.000

L36.Temp -0.074180 NAN NAN NAN

L36.Precip. horaria -0.001729 0.000010 -174.801 0.000

L36.Temp. prom aire -0.018498 NAN NAN NAN

L37.Conduct 0.063218 0.000000 9072713.060 0.000

L37.Water 0.059131 0.000000 4165340.796 0.000

L37.Temp -0.075092 0.000000 -17796973.137 0.000

L37.Precip. horaria 0.001799 0.000009 202.278 0.000

L37.Temp. prom aire -0.113452 NAN NAN NAN

L38.Conduct 0.003347 NAN NAN NAN

L38.Water -0.010470 NAN NAN NAN

L38.Temp 0.042512 NAN NAN NAN

L38.Precip. horaria 0.000329 NAN NAN NAN

L38.Temp. prom aire -0.108165 NAN NAN NAN

L39.Conduct -0.074827 0.000000 -13558698.915 0.000

L39.Water -0.055848 0.000000 -16774053.804 0.000

L39.Temp 0.098922 NAN NAN NAN

L39.Precip. horaria 0.001054 NAN NAN NAN

L39.Temp. prom aire 0.045236 0.000000 5764668.955 0.000

L40.Conduct -0.043148 NAN NAN NAN

L40.Water -0.018239 0.000000 -9189491.817 0.000

L40.Temp 0.092947 0.000000 18580093.880 0.000

L40.Precip. horaria -0.003177 0.000003 -1178.069 0.000

L40.Temp. prom aire 0.195442 NAN NAN NAN

L41.Conduct 0.061011 NAN NAN NAN

L41.Water 0.075150 0.000000 16134932.491 0.000

L41.Temp -0.020582 0.000000 -6220398.785 0.000

L41.Precip. horaria -0.004209 0.000003 -1514.583 0.000

L41.Temp. prom aire 0.048758 0.000000 4489252.481 0.000

L42.Conduct 0.082855 0.000000 23364763.673 0.000

L42.Water 0.088787 NAN NAN NAN

L42.Temp -0.030624 NAN NAN NAN

L42.Precip. horaria 0.007485 NAN NAN NAN

L42.Temp. prom aire -0.047122 0.000000 -4652910.032 0.000

L43.Conduct -0.060410 NAN NAN NAN

L43.Water -0.028679 NAN NAN NAN

L43.Temp 0.011319 NAN NAN NAN

L43.Precip. horaria 0.001526 NAN NAN NAN

L43.Temp. prom aire -0.045635 0.000000 -6295570.223 0.000

L44.Conduct -0.067823 NAN NAN NAN

L44.Water -0.051287 0.000000 -15179568.526 0.000

L44.Temp 0.046348 0.000000 5801638.461 0.000

L44.Precip. horaria -0.007567 0.000001 -5305.934 0.000

L44.Temp. prom aire 0.079116 0.000000 9980894.979 0.000

L45.Conduct -0.023407 0.000000 -2768226.507 0.000

L45.Water -0.129209 0.000000 -52861793.952 0.000

L45.Temp 0.005046 0.000000 631612.945 0.000

L45.Precip. horaria -0.006997 NAN NAN NAN

L45.Temp. prom aire 0.017566 0.000000 3590127.583 0.000

L46.Conduct 0.035664 NAN NAN NAN

L46.Water 0.096771 NAN NAN NAN

L46.Temp -0.122538 0.000000 -9359676.115 0.000

L46.Precip. horaria 0.002759 0.000002 1267.198 0.000

L46.Temp. prom aire -0.062832 0.000000 -5105713.780 0.000

L47.Conduct 0.040931 NAN NAN NAN

L47.Water 0.443068 0.000000 135633654.588 0.000

L47.Temp 0.045570 NAN NAN NAN

L47.Precip. horaria 0.010545 NAN NAN NAN

L47.Temp. prom aire -0.101534 0.000000 -14909467.766 0.000

L48.Conduct -0.076014 0.000000 -52908228.981 0.000

L48.Water -0.025936 NAN NAN NAN

L48.Temp -0.071144 NAN NAN NAN

L48.Precip. horaria 0.009290 0.000001 7958.916 0.000

L48.Temp. prom aire -0.000863 0.000000 -60279.462 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000315 NAN NAN NAN

L1.Conduct -0.033187 NAN NAN NAN

L1.Water -0.014522 0.000000 -2149029.044 0.000

L1.Temp 0.010074 0.000000 6261863.101 0.000

L1.Precip. horaria -0.000884 0.000000 -15141.640 0.000

L1.Temp. prom aire 0.007155 0.000000 523047.606 0.000

L2.Conduct -0.044866 0.000000 -66214648.116 0.000

L2.Water -0.004323 NAN NAN NAN

L2.Temp 0.034816 0.000000 6284997.319 0.000

L2.Precip. horaria -0.001499 0.000001 -1876.133 0.000

L2.Temp. prom aire 0.068549 NAN NAN NAN

L3.Conduct 0.126087 0.000000 29735522.240 0.000

L3.Water 0.039372 NAN NAN NAN

L3.Temp -0.041907 NAN NAN NAN

L3.Precip. horaria -0.005743 0.000000 -13229.334 0.000

L3.Temp. prom aire -0.030065 0.000000 -3870133.635 0.000

L4.Conduct 0.036468 0.000000 11076978.209 0.000

L4.Water 0.031626 0.000000 12488268.986 0.000

L4.Temp -0.024479 0.000000 -27080485.632 0.000

L4.Precip. horaria 0.005807 NAN NAN NAN

L4.Temp. prom aire 0.001921 0.000000 340340.600 0.000

L5.Conduct -0.011174 NAN NAN NAN

L5.Water 0.004038 0.000000 460543.142 0.000

L5.Temp -0.036467 0.000000 -4301006.174 0.000

L5.Precip. horaria 0.001981 NAN NAN NAN

L5.Temp. prom aire -0.038759 NAN NAN NAN

L6.Conduct -0.113924 0.000000 -120502683.636 0.000

L6.Water -0.034917 0.000000 -3604373.367 0.000

L6.Temp -0.006577 NAN NAN NAN

L6.Precip. horaria 0.001428 NAN NAN NAN

L6.Temp. prom aire 0.004287 NAN NAN NAN

L7.Conduct -0.015287 NAN NAN NAN

L7.Water -0.001705 NAN NAN NAN

L7.Temp 0.007668 0.000000 2433479.370 0.000

L7.Precip. horaria -0.002182 0.000001 -2538.088 0.000

L7.Temp. prom aire 0.006531 0.000000 4298473.251 0.000

L8.Conduct -0.005348 0.000000 -2712770.775 0.000

L8.Water 0.001109 NAN NAN NAN

L8.Temp -0.012030 0.000000 -4451361.682 0.000

L8.Precip. horaria -0.000224 NAN NAN NAN

L8.Temp. prom aire -0.005592 NAN NAN NAN

L9.Conduct 0.048839 0.000000 4057355.242 0.000

L9.Water 0.008903 0.000000 2275121.624 0.000

L9.Temp 0.008441 0.000000 1644954.719 0.000

L9.Precip. horaria 0.000621 NAN NAN NAN

L9.Temp. prom aire -0.014352 0.000000 -2387243.462 0.000

L10.Conduct 0.024085 0.000000 6403419.949 0.000

L10.Water -0.000828 0.000000 -178378.671 0.000

L10.Temp 0.005990 NAN NAN NAN

L10.Precip. horaria -0.001542 0.000001 -1968.905 0.000

L10.Temp. prom aire 0.014778 NAN NAN NAN

L11.Conduct 0.075963 0.000000 12751866.422 0.000

L11.Water 0.032485 0.000000 1931172.579 0.000

L11.Temp 0.009133 NAN NAN NAN

L11.Precip. horaria -0.000140 NAN NAN NAN

L11.Temp. prom aire 0.011874 0.000000 6745299.187 0.000

L12.Conduct 0.002965 NAN NAN NAN

L12.Water 0.009641 0.000000 917712.356 0.000

L12.Temp 0.001248 NAN NAN NAN

L12.Precip. horaria 0.000085 0.000001 159.776 0.000

L12.Temp. prom aire 0.016085 NAN NAN NAN

L13.Conduct 0.009094 0.000000 1196365.951 0.000

L13.Water 0.006367 0.000000 376989.615 0.000

L13.Temp -0.009483 NAN NAN NAN

L13.Precip. horaria 0.001277 NAN NAN NAN

L13.Temp. prom aire -0.030987 0.000000 -4384868.775 0.000

L14.Conduct -0.032623 0.000000 -5103814.589 0.000

L14.Water -0.029646 0.000000 -9132309.882 0.000

L14.Temp 0.014192 NAN NAN NAN

L14.Precip. horaria -0.000414 0.000002 -197.535 0.000

L14.Temp. prom aire -0.014360 NAN NAN NAN

L15.Conduct 0.048233 0.000000 7256276.474 0.000

L15.Water 0.009027 0.000000 1021625.663 0.000

L15.Temp -0.035441 NAN NAN NAN

L15.Precip. horaria 0.000079 0.000002 36.769 0.000

L15.Temp. prom aire 0.096321 NAN NAN NAN

L16.Conduct 0.043268 0.000000 2490643.955 0.000

L16.Water 0.014638 NAN NAN NAN

L16.Temp 0.003732 NAN NAN NAN

L16.Precip. horaria -0.000136 0.000002 -87.916 0.000

L16.Temp. prom aire -0.070275 NAN NAN NAN

L17.Conduct -0.058114 NAN NAN NAN

L17.Water -0.014786 0.000000 -1290914.221 0.000

L17.Temp 0.038020 NAN NAN NAN

L17.Precip. horaria 0.000988 0.000004 244.961 0.000

L17.Temp. prom aire 0.062046 NAN NAN NAN

L18.Conduct -0.018473 NAN NAN NAN

L18.Water -0.009569 0.000000 -915347.901 0.000

L18.Temp 0.002103 NAN NAN NAN

L18.Precip. horaria -0.001657 NAN NAN NAN

L18.Temp. prom aire -0.059062 NAN NAN NAN

L19.Conduct -0.012602 0.000000 -1970738.446 0.000

L19.Water -0.007734 NAN NAN NAN

L19.Temp 0.016433 0.000000 4523103.249 0.000

L19.Precip. horaria 0.000117 0.000002 74.613 0.000

L19.Temp. prom aire 0.026279 0.000000 8165968.598 0.000

L20.Conduct 0.027072 NAN NAN NAN

L20.Water 0.012633 NAN NAN NAN

L20.Temp 0.018955 NAN NAN NAN

L20.Precip. horaria 0.000101 0.000002 47.444 0.000

L20.Temp. prom aire -0.018707 0.000000 -11286123.211 0.000

L21.Conduct -0.036618 NAN NAN NAN

L21.Water -0.010543 NAN NAN NAN

L21.Temp -0.006425 NAN NAN NAN

L21.Precip. horaria 0.000887 0.000002 428.022 0.000

L21.Temp. prom aire 0.033978 NAN NAN NAN

L22.Conduct -0.038711 NAN NAN NAN

L22.Water -0.015505 NAN NAN NAN

L22.Temp -0.001012 0.000000 -500079.169 0.000

L22.Precip. horaria -0.000010 NAN NAN NAN

L22.Temp. prom aire -0.008109 NAN NAN NAN

L23.Conduct -0.015314 NAN NAN NAN

L23.Water -0.005401 NAN NAN NAN

L23.Temp 0.022751 0.000000 4542170.389 0.000

L23.Precip. horaria -0.000574 0.000003 -214.046 0.000

L23.Temp. prom aire -0.017961 NAN NAN NAN

L24.Conduct -0.016394 NAN NAN NAN

L24.Water -0.001651 0.000000 -359984.620 0.000

L24.Temp 0.092646 0.000000 38154298.115 0.000

L24.Precip. horaria -0.000025 0.000054 -0.454 0.650

L24.Temp. prom aire 0.066018 0.000000 8162909.293 0.000

L25.Conduct -0.027731 NAN NAN NAN

L25.Water -0.006354 0.000000 -326825.177 0.000

L25.Temp -0.012942 NAN NAN NAN

L25.Precip. horaria 0.000003 NAN NAN NAN

L25.Temp. prom aire 0.008473 0.000000 4080473.268 0.000

L26.Conduct -0.034242 0.000000 -1157211.995 0.000

L26.Water -0.003816 NAN NAN NAN

L26.Temp 0.040153 0.000000 22154161.556 0.000

L26.Precip. horaria -0.000017 NAN NAN NAN

L26.Temp. prom aire 0.009748 NAN NAN NAN

L27.Conduct 0.001655 NAN NAN NAN

L27.Water 0.004678 0.000000 1223175.574 0.000

L27.Temp 0.054708 NAN NAN NAN

L27.Precip. horaria -0.000001 NAN NAN NAN

L27.Temp. prom aire 0.042119 NAN NAN NAN

L28.Conduct 0.007414 0.000000 465684.398 0.000

L28.Water 0.003355 NAN NAN NAN

L28.Temp -0.006881 NAN NAN NAN

L28.Precip. horaria -0.000005 NAN NAN NAN

L28.Temp. prom aire 0.005414 0.000000 1393746.159 0.000

L29.Conduct 0.012827 NAN NAN NAN

L29.Water 0.002557 NAN NAN NAN

L29.Temp 0.022195 0.000000 5240503.022 0.000

L29.Precip. horaria 0.000005 NAN NAN NAN

L29.Temp. prom aire -0.027269 0.000000 -25702389.415 0.000

L30.Conduct -0.003467 NAN NAN NAN

L30.Water 0.000397 NAN NAN NAN

L30.Temp 0.000942 0.000000 685228.405 0.000

L30.Precip. horaria 0.000013 NAN NAN NAN

L30.Temp. prom aire 0.020704 0.000000 9186547.859 0.000

L31.Conduct -0.006446 0.000000 -601541.872 0.000

L31.Water -0.004038 0.000000 -599273.607 0.000

L31.Temp 0.006372 0.000000 1586009.001 0.000

L31.Precip. horaria -0.000005 0.000075 -0.063 0.950

L31.Temp. prom aire -0.002687 0.000000 -428413.945 0.000

L32.Conduct -0.027189 0.000000 -1999142.702 0.000

L32.Water -0.029988 NAN NAN NAN

L32.Temp 0.082660 0.000000 23128164.174 0.000

L32.Precip. horaria -0.000028 0.000194 -0.145 0.885

L32.Temp. prom aire 0.023238 NAN NAN NAN

L33.Conduct -0.008257 0.000000 -682531.031 0.000

L33.Water -0.006578 0.000000 -1639761.060 0.000

L33.Temp 0.015153 0.000000 3371377.873 0.000

L33.Precip. horaria -0.000011 NAN NAN NAN

L33.Temp. prom aire 0.020474 0.000000 3644729.588 0.000

L34.Conduct -0.019204 NAN NAN NAN

L34.Water -0.031205 0.000000 -2689774.878 0.000

L34.Temp 0.037601 0.000000 14712035.925 0.000

L34.Precip. horaria 0.000157 NAN NAN NAN

L34.Temp. prom aire 0.006853 0.000000 1207871.749 0.000

L35.Conduct -0.004872 0.000000 -945930.647 0.000

L35.Water -0.005833 NAN NAN NAN

L35.Temp -0.008488 0.000000 -1788323.022 0.000

L35.Precip. horaria -0.000121 NAN NAN NAN

L35.Temp. prom aire 0.031583 NAN NAN NAN

L36.Conduct 0.001230 NAN NAN NAN

L36.Water 0.001359 0.000000 321952.801 0.000

L36.Temp 0.011080 NAN NAN NAN

L36.Precip. horaria -0.000630 0.000008 -75.180 0.000

L36.Temp. prom aire 0.011331 NAN NAN NAN

L37.Conduct 0.010238 0.000000 1734685.340 0.000

L37.Water 0.010020 0.000000 833352.210 0.000

L37.Temp -0.002005 0.000000 -561051.713 0.000

L37.Precip. horaria 0.000675 0.000008 89.557 0.000

L37.Temp. prom aire -0.012145 NAN NAN NAN

L38.Conduct 0.003983 NAN NAN NAN

L38.Water -0.008259 NAN NAN NAN

L38.Temp 0.009889 NAN NAN NAN

L38.Precip. horaria 0.000022 NAN NAN NAN

L38.Temp. prom aire -0.023940 NAN NAN NAN

L39.Conduct -0.014735 0.000000 -3152102.761 0.000

L39.Water -0.015530 0.000000 -5506702.017 0.000

L39.Temp 0.032533 NAN NAN NAN

L39.Precip. horaria 0.000101 NAN NAN NAN

L39.Temp. prom aire 0.014653 0.000000 2204566.965 0.000

L40.Conduct -0.000592 NAN NAN NAN

L40.Water 0.000104 0.000000 61872.443 0.000

L40.Temp 0.025994 0.000000 6134744.507 0.000

L40.Precip. horaria -0.000674 0.000002 -295.221 0.000

L40.Temp. prom aire 0.063137 NAN NAN NAN

L41.Conduct 0.016879 NAN NAN NAN

L41.Water 0.018930 0.000000 4798255.684 0.000

L41.Temp -0.007151 0.000000 -2551435.694 0.000

L41.Precip. horaria -0.001404 0.000002 -596.451 0.000

L41.Temp. prom aire -0.005758 0.000000 -625845.679 0.000

L42.Conduct 0.022910 0.000000 7627150.225 0.000

L42.Water 0.018741 NAN NAN NAN

L42.Temp 0.003779 NAN NAN NAN

L42.Precip. horaria 0.002480 NAN NAN NAN

L42.Temp. prom aire -0.011162 0.000000 -1301166.430 0.000

L43.Conduct -0.024278 NAN NAN NAN

L43.Water -0.021489 NAN NAN NAN

L43.Temp 0.021589 NAN NAN NAN

L43.Precip. horaria 0.000201 NAN NAN NAN

L43.Temp. prom aire -0.003816 0.000000 -621463.648 0.000

L44.Conduct -0.009995 NAN NAN NAN

L44.Water -0.012848 0.000000 -4489425.636 0.000

L44.Temp 0.010583 0.000000 1563957.478 0.000

L44.Precip. horaria -0.002574 0.000001 -2131.308 0.000

L44.Temp. prom aire 0.046012 0.000000 6852955.156 0.000

L45.Conduct 0.007512 0.000000 1048826.752 0.000

L45.Water -0.021044 0.000000 -10164596.842 0.000

L45.Temp 0.003549 0.000000 524438.278 0.000

L45.Precip. horaria -0.001688 NAN NAN NAN

L45.Temp. prom aire 0.000249 0.000000 60022.004 0.000

L46.Conduct 0.018354 NAN NAN NAN

L46.Water 0.026639 NAN NAN NAN

L46.Temp -0.061038 0.000000 -5504173.808 0.000

L46.Precip. horaria 0.001304 0.000002 707.290 0.000

L46.Temp. prom aire -0.025112 0.000000 -2409128.646 0.000

L47.Conduct 0.003368 NAN NAN NAN

L47.Water 0.130362 0.000000 47114172.502 0.000

L47.Temp 0.034025 NAN NAN NAN

L47.Precip. horaria 0.002981 NAN NAN NAN

L47.Temp. prom aire -0.035542 0.000000 -6161678.615 0.000

L48.Conduct -0.027561 0.000000 -22648072.135 0.000

L48.Water -0.022614 NAN NAN NAN

L48.Temp -0.022864 NAN NAN NAN

L48.Precip. horaria 0.001312 0.000001 1327.411 0.000

L48.Temp. prom aire 0.017910 0.000000 1477013.650 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000388 NAN NAN NAN

L1.Conduct -0.029302 NAN NAN NAN

L1.Water 0.002824 0.000000 722108.896 0.000

L1.Temp -0.013441 0.000000 -14434806.685 0.000

L1.Precip. horaria -0.001504 0.000000 -44518.251 0.000

L1.Temp. prom aire -0.013857 0.000000 -1750236.367 0.000

L2.Conduct 0.003272 0.000000 8343886.471 0.000

L2.Water 0.002697 NAN NAN NAN

L2.Temp 0.003276 0.000000 1021885.812 0.000

L2.Precip. horaria 0.001734 0.000000 3749.206 0.000

L2.Temp. prom aire 0.012016 NAN NAN NAN

L3.Conduct -0.058600 0.000000 -23877119.097 0.000

L3.Water -0.032089 NAN NAN NAN

L3.Temp -0.000952 NAN NAN NAN

L3.Precip. horaria 0.000829 0.000000 3300.011 0.000

L3.Temp. prom aire -0.019727 0.000000 -4387433.986 0.000

L4.Conduct 0.031917 0.000000 16749867.236 0.000

L4.Water 0.009463 0.000000 6455971.723 0.000

L4.Temp 0.019057 0.000000 36424574.557 0.000

L4.Precip. horaria 0.000238 NAN NAN NAN

L4.Temp. prom aire 0.011337 0.000000 3470577.837 0.000

L5.Conduct -0.003878 NAN NAN NAN

L5.Water 0.002883 0.000000 568166.743 0.000

L5.Temp 0.022582 0.000000 4601516.083 0.000

L5.Precip. horaria -0.001289 NAN NAN NAN

L5.Temp. prom aire -0.006610 NAN NAN NAN

L6.Conduct -0.032428 0.000000 -59263047.256 0.000

L6.Water 0.004092 0.000000 729783.740 0.000

L6.Temp 0.036574 NAN NAN NAN

L6.Precip. horaria 0.000453 NAN NAN NAN

L6.Temp. prom aire 0.044542 NAN NAN NAN

L7.Conduct 0.021889 NAN NAN NAN

L7.Water 0.016804 NAN NAN NAN

L7.Temp 0.008898 0.000000 4879256.063 0.000

L7.Precip. horaria -0.002119 0.000000 -4258.617 0.000

L7.Temp. prom aire -0.007353 0.000000 -8361848.843 0.000

L8.Conduct 0.003227 0.000000 2827525.866 0.000

L8.Water 0.009756 NAN NAN NAN

L8.Temp 0.016452 0.000000 10517974.846 0.000

L8.Precip. horaria 0.001470 NAN NAN NAN

L8.Temp. prom aire 0.030138 NAN NAN NAN

L9.Conduct 0.019418 0.000000 2787222.298 0.000

L9.Water 0.008960 0.000000 3956131.183 0.000

L9.Temp -0.002823 0.000000 -950409.930 0.000

L9.Precip. horaria -0.000039 NAN NAN NAN

L9.Temp. prom aire -0.012308 0.000000 -3537195.382 0.000

L10.Conduct -0.009462 0.000000 -4346511.651 0.000

L10.Water 0.000392 0.000000 145824.795 0.000

L10.Temp 0.010645 NAN NAN NAN

L10.Precip. horaria 0.001362 0.000000 3004.067 0.000

L10.Temp. prom aire 0.009046 NAN NAN NAN

L11.Conduct -0.006356 0.000000 -1843346.081 0.000

L11.Water 0.002020 0.000000 207437.733 0.000

L11.Temp 0.007152 NAN NAN NAN

L11.Precip. horaria -0.000625 NAN NAN NAN

L11.Temp. prom aire -0.010281 0.000000 -10090823.713 0.000

L12.Conduct -0.002214 NAN NAN NAN

L12.Water 0.005976 0.000000 982771.646 0.000

L12.Temp 0.023340 NAN NAN NAN

L12.Precip. horaria 0.000330 0.000000 1073.875 0.000

L12.Temp. prom aire 0.017171 NAN NAN NAN

L13.Conduct 0.009239 0.000000 2099940.264 0.000

L13.Water 0.008805 0.000000 900752.383 0.000

L13.Temp -0.002062 NAN NAN NAN

L13.Precip. horaria -0.001328 NAN NAN NAN

L13.Temp. prom aire 0.022060 0.000000 5393576.560 0.000

L14.Conduct 0.021424 0.000000 5790869.809 0.000

L14.Water 0.014153 0.000000 7532638.753 0.000

L14.Temp 0.015733 NAN NAN NAN

L14.Precip. horaria 0.000597 0.000001 493.121 0.000

L14.Temp. prom aire 0.009812 NAN NAN NAN

L15.Conduct 0.013087 0.000000 3401674.051 0.000

L15.Water 0.006938 0.000000 1356682.060 0.000

L15.Temp 0.007393 NAN NAN NAN

L15.Precip. horaria -0.000077 0.000001 -61.906 0.000

L15.Temp. prom aire -0.008887 NAN NAN NAN

L16.Conduct 0.024520 0.000000 2438670.115 0.000

L16.Water 0.012954 NAN NAN NAN

L16.Temp 0.011181 NAN NAN NAN

L16.Precip. horaria 0.000458 0.000001 512.511 0.000

L16.Temp. prom aire -0.009805 NAN NAN NAN

L17.Conduct -0.005817 NAN NAN NAN

L17.Water -0.002937 0.000000 -442999.575 0.000

L17.Temp -0.000737 NAN NAN NAN

L17.Precip. horaria -0.000007 0.000002 -2.878 0.004

L17.Temp. prom aire 0.005661 NAN NAN NAN

L18.Conduct 0.017923 NAN NAN NAN

L18.Water 0.011956 0.000000 1975941.153 0.000

L18.Temp 0.018012 NAN NAN NAN

L18.Precip. horaria 0.000161 NAN NAN NAN

L18.Temp. prom aire -0.005760 NAN NAN NAN

L19.Conduct 0.013479 0.000000 3642145.301 0.000

L19.Water 0.006136 NAN NAN NAN

L19.Temp -0.006318 0.000000 -3004687.043 0.000

L19.Precip. horaria -0.000419 0.000001 -462.903 0.000

L19.Temp. prom aire 0.043630 0.000000 23424186.109 0.000

L20.Conduct -0.006169 NAN NAN NAN

L20.Water -0.001698 NAN NAN NAN

L20.Temp 0.003865 NAN NAN NAN

L20.Precip. horaria 0.000392 0.000001 316.332 0.000

L20.Temp. prom aire -0.004793 0.000000 -4996256.865 0.000

L21.Conduct 0.025812 NAN NAN NAN

L21.Water 0.010441 NAN NAN NAN

L21.Temp 0.011548 NAN NAN NAN

L21.Precip. horaria -0.000485 0.000001 -404.146 0.000

L21.Temp. prom aire 0.005872 NAN NAN NAN

L22.Conduct -0.001160 NAN NAN NAN

L22.Water 0.002424 NAN NAN NAN

L22.Temp 0.033296 0.000000 28414169.599 0.000

L22.Precip. horaria 0.000437 NAN NAN NAN

L22.Temp. prom aire 0.004756 NAN NAN NAN

L23.Conduct -0.002020 NAN NAN NAN

L23.Water 0.001591 NAN NAN NAN

L23.Temp -0.000816 0.000000 -281543.630 0.000

L23.Precip. horaria -0.000018 0.000002 -11.836 0.000

L23.Temp. prom aire 0.014010 NAN NAN NAN

L24.Conduct 0.002053 NAN NAN NAN

L24.Water 0.003422 0.000000 1289441.906 0.000

L24.Temp 0.002106 0.000000 1498676.107 0.000

L24.Precip. horaria -0.000031 0.000031 -0.980 0.327

L24.Temp. prom aire -0.008308 0.000000 -1774861.090 0.000

L25.Conduct 0.012369 NAN NAN NAN

L25.Water 0.005439 0.000000 483319.798 0.000

L25.Temp 0.003377 NAN NAN NAN

L25.Precip. horaria 0.000017 NAN NAN NAN

L25.Temp. prom aire 0.015967 0.000000 13285856.130 0.000

L26.Conduct 0.019519 0.000000 1139730.308 0.000

L26.Water 0.005591 NAN NAN NAN

L26.Temp -0.004224 0.000000 -4026955.946 0.000

L26.Precip. horaria 0.000001 NAN NAN NAN

L26.Temp. prom aire 0.006064 NAN NAN NAN

L27.Conduct 0.013104 NAN NAN NAN

L27.Water 0.002290 0.000000 1034528.580 0.000

L27.Temp -0.015650 NAN NAN NAN

L27.Precip. horaria 0.000018 NAN NAN NAN

L27.Temp. prom aire -0.018526 NAN NAN NAN

L28.Conduct 0.001337 0.000000 145040.958 0.000

L28.Water 0.000935 NAN NAN NAN

L28.Temp 0.029799 NAN NAN NAN

L28.Precip. horaria -0.000006 NAN NAN NAN

L28.Temp. prom aire 0.006309 0.000000 2806133.881 0.000

L29.Conduct -0.000827 NAN NAN NAN

L29.Water 0.000662 NAN NAN NAN

L29.Temp -0.003155 0.000000 -1287110.430 0.000

L29.Precip. horaria -0.000003 NAN NAN NAN

L29.Temp. prom aire 0.011458 0.000000 18658989.040 0.000

L30.Conduct -0.009134 NAN NAN NAN

L30.Water -0.005695 NAN NAN NAN

L30.Temp 0.024551 0.000000 30860306.209 0.000

L30.Precip. horaria -0.000019 NAN NAN NAN

L30.Temp. prom aire -0.003765 0.000000 -2886173.572 0.000

L31.Conduct 0.007778 0.000000 1253982.987 0.000

L31.Water 0.005735 0.000000 1470523.652 0.000

L31.Temp 0.006289 0.000000 2704424.108 0.000

L31.Precip. horaria 0.000002 0.000044 0.037 0.971

L31.Temp. prom aire 0.030168 0.000000 8311409.667 0.000

L32.Conduct 0.011289 0.000000 1434191.057 0.000

L32.Water 0.005654 NAN NAN NAN

L32.Temp -0.006992 0.000000 -3380089.066 0.000

L32.Precip. horaria 0.000012 0.000112 0.109 0.913

L32.Temp. prom aire -0.009940 NAN NAN NAN

L33.Conduct 0.016413 0.000000 2344220.815 0.000

L33.Water 0.012867 0.000000 5541337.350 0.000

L33.Temp -0.014523 0.000000 -5582673.950 0.000

L33.Precip. horaria 0.000021 NAN NAN NAN

L33.Temp. prom aire 0.010487 0.000000 3225442.346 0.000

L34.Conduct 0.010017 NAN NAN NAN

L34.Water 0.013301 0.000000 1980867.747 0.000

L34.Temp 0.002534 0.000000 1712787.821 0.000

L34.Precip. horaria -0.000170 NAN NAN NAN

L34.Temp. prom aire -0.012556 0.000000 -3823447.806 0.000

L35.Conduct 0.008066 0.000000 2705685.380 0.000

L35.Water 0.017216 NAN NAN NAN

L35.Temp -0.001548 0.000000 -563370.998 0.000

L35.Precip. horaria 0.000186 NAN NAN NAN

L35.Temp. prom aire -0.004385 NAN NAN NAN

L36.Conduct -0.004098 NAN NAN NAN

L36.Water -0.000274 0.000000 -111983.784 0.000

L36.Temp 0.033484 NAN NAN NAN

L36.Precip. horaria 0.000094 0.000005 19.473 0.000

L36.Temp. prom aire 0.002342 NAN NAN NAN

L37.Conduct -0.002528 0.000000 -739924.043 0.000

L37.Water 0.005544 0.000000 796557.271 0.000

L37.Temp 0.006912 0.000000 3341612.819 0.000

L37.Precip. horaria -0.000066 0.000004 -15.186 0.000

L37.Temp. prom aire 0.016470 NAN NAN NAN

L38.Conduct 0.002154 NAN NAN NAN

L38.Water 0.005313 NAN NAN NAN

L38.Temp 0.022062 NAN NAN NAN

L38.Precip. horaria -0.000123 NAN NAN NAN

L38.Temp. prom aire 0.026150 NAN NAN NAN

L39.Conduct 0.012247 0.000000 4526504.015 0.000

L39.Water 0.016519 0.000000 10120674.952 0.000

L39.Temp -0.010926 NAN NAN NAN

L39.Precip. horaria -0.000234 NAN NAN NAN

L39.Temp. prom aire 0.001811 0.000000 470760.462 0.000

L40.Conduct 0.011694 NAN NAN NAN

L40.Water 0.014200 0.000000 14593894.831 0.000

L40.Temp 0.007026 0.000000 2865011.812 0.000

L40.Precip. horaria 0.000444 0.000001 336.007 0.000

L40.Temp. prom aire -0.003653 NAN NAN NAN

L41.Conduct -0.004954 NAN NAN NAN

L41.Water 0.001739 0.000000 761558.101 0.000

L41.Temp 0.004785 0.000000 2950078.877 0.000

L41.Precip. horaria 0.000454 0.000001 332.914 0.000

L41.Temp. prom aire -0.010104 0.000000 -1897588.136 0.000

L42.Conduct -0.008346 0.000000 -4800482.355 0.000

L42.Water -0.003736 NAN NAN NAN

L42.Temp 0.021902 NAN NAN NAN

L42.Precip. horaria -0.000720 NAN NAN NAN

L42.Temp. prom aire 0.014412 0.000000 2902830.644 0.000

L43.Conduct 0.002801 NAN NAN NAN

L43.Water 0.002959 NAN NAN NAN

L43.Temp 0.013014 NAN NAN NAN

L43.Precip. horaria -0.000440 NAN NAN NAN

L43.Temp. prom aire 0.008740 0.000000 2459424.180 0.000

L44.Conduct 0.007263 NAN NAN NAN

L44.Water 0.009479 0.000000 5722761.947 0.000

L44.Temp -0.002819 0.000000 -719694.886 0.000

L44.Precip. horaria 0.000949 0.000001 1357.885 0.000

L44.Temp. prom aire 0.003751 0.000000 965203.107 0.000

L45.Conduct 0.007206 0.000000 1738385.711 0.000

L45.Water 0.040764 0.000000 34018060.285 0.000

L45.Temp 0.016662 0.000000 4253805.823 0.000

L45.Precip. horaria 0.000793 NAN NAN NAN

L45.Temp. prom aire -0.000901 0.000000 -375742.476 0.000

L46.Conduct 0.001261 NAN NAN NAN

L46.Water 0.000011 NAN NAN NAN

L46.Temp 0.005758 0.000000 897039.794 0.000

L46.Precip. horaria 0.000557 0.000001 521.607 0.000

L46.Temp. prom aire 0.010749 0.000000 1781597.844 0.000

L47.Conduct -0.019875 NAN NAN NAN

L47.Water -0.037993 0.000000 -23724069.547 0.000

L47.Temp 0.014898 NAN NAN NAN

L47.Precip. horaria -0.000387 NAN NAN NAN

L47.Temp. prom aire 0.000688 0.000000 205950.235 0.000

L48.Conduct -0.016654 0.000000 -23644577.342 0.000

L48.Water -0.003615 NAN NAN NAN

L48.Temp 0.021169 NAN NAN NAN

L48.Precip. horaria -0.001822 0.000001 -3184.305 0.000

L48.Temp. prom aire 0.026837 0.000000 3823850.210 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000002 NAN NAN NAN

L1.Conduct -0.002817 NAN NAN NAN

L1.Water -0.001137 0.000000 -7091275.273 0.000

L1.Temp -0.001923 0.000000 -50377863.056 0.000

L1.Precip. horaria -0.000158 0.000000 -114173.220 0.000

L1.Temp. prom aire -0.002329 0.000000 -7174258.546 0.000

L2.Conduct 0.002225 0.000000 138364996.399 0.000

L2.Water 0.001460 NAN NAN NAN

L2.Temp 0.001069 0.000000 8131354.251 0.000

L2.Precip. horaria 0.000064 0.000000 3389.034 0.000

L2.Temp. prom aire 0.001808 NAN NAN NAN

L3.Conduct 0.000229 0.000000 2278039.295 0.000

L3.Water -0.001063 NAN NAN NAN

L3.Temp -0.000466 NAN NAN NAN

L3.Precip. horaria -0.000196 0.000000 -19064.113 0.000

L3.Temp. prom aire 0.000127 0.000000 687005.945 0.000

L4.Conduct 0.006116 0.000000 78286823.926 0.000

L4.Water 0.001763 0.000000 29338002.749 0.000

L4.Temp 0.000212 0.000000 9860877.303 0.000

L4.Precip. horaria 0.000070 NAN NAN NAN

L4.Temp. prom aire -0.000328 0.000000 -2450026.211 0.000

L5.Conduct -0.002269 NAN NAN NAN

L5.Water -0.002796 0.000000 -13442290.377 0.000

L5.Temp 0.000134 0.000000 663756.866 0.000

L5.Precip. horaria -0.000115 NAN NAN NAN

L5.Temp. prom aire -0.001410 NAN NAN NAN

L6.Conduct -0.000593 0.000000 -26427476.349 0.000

L6.Water 0.000208 0.000000 905339.912 0.000

L6.Temp 0.001009 NAN NAN NAN

L6.Precip. horaria 0.000010 NAN NAN NAN

L6.Temp. prom aire 0.001208 NAN NAN NAN

L7.Conduct 0.003812 NAN NAN NAN

L7.Water 0.003039 NAN NAN NAN

L7.Temp -0.000248 0.000000 -3317528.045 0.000

L7.Precip. horaria -0.000131 0.000000 -6425.997 0.000

L7.Temp. prom aire -0.000556 0.000000 -15416571.424 0.000

L8.Conduct -0.007240 0.000000 -154744628.778 0.000

L8.Water -0.000677 NAN NAN NAN

L8.Temp 0.000145 0.000000 2265087.487 0.000

L8.Precip. horaria 0.000213 NAN NAN NAN

L8.Temp. prom aire 0.001955 NAN NAN NAN

L9.Conduct -0.002732 0.000000 -9563887.358 0.000

L9.Water -0.001553 0.000000 -16723322.047 0.000

L9.Temp -0.000651 0.000000 -5347329.971 0.000

L9.Precip. horaria 0.000080 NAN NAN NAN

L9.Temp. prom aire -0.000044 0.000000 -311670.448 0.000

L10.Conduct 0.001255 0.000000 14067041.590 0.000

L10.Water -0.001177 0.000000 -10679094.757 0.000

L10.Temp -0.001997 NAN NAN NAN

L10.Precip. horaria -0.000077 0.000000 -4131.685 0.000

L10.Temp. prom aire -0.002497 NAN NAN NAN

L11.Conduct 0.007806 0.000000 55224187.090 0.000

L11.Water 0.001904 0.000000 4769652.396 0.000

L11.Temp 0.000556 NAN NAN NAN

L11.Precip. horaria 0.000079 NAN NAN NAN

L11.Temp. prom aire -0.000294 0.000000 -7031146.566 0.000

L12.Conduct 0.000962 NAN NAN NAN

L12.Water 0.000499 0.000000 2000671.111 0.000

L12.Temp 0.000492 NAN NAN NAN

L12.Precip. horaria -0.000044 0.000000 -3497.869 0.000

L12.Temp. prom aire -0.000064 NAN NAN NAN

L13.Conduct 0.000673 0.000000 3732950.216 0.000

L13.Water 0.001125 0.000000 2806789.546 0.000

L13.Temp 0.001144 NAN NAN NAN

L13.Precip. horaria -0.000074 NAN NAN NAN

L13.Temp. prom aire 0.002283 0.000000 13617500.573 0.000

L14.Conduct -0.004887 0.000000 -32219012.776 0.000

L14.Water -0.002039 0.000000 -26471059.085 0.000

L14.Temp 0.001108 NAN NAN NAN

L14.Precip. horaria -0.000111 0.000000 -2229.588 0.000

L14.Temp. prom aire 0.000517 NAN NAN NAN

L15.Conduct 0.004632 0.000000 29364621.424 0.000

L15.Water 0.001985 0.000000 9465753.060 0.000

L15.Temp -0.001424 NAN NAN NAN

L15.Precip. horaria 0.000042 0.000000 819.595 0.000

L15.Temp. prom aire 0.000361 NAN NAN NAN

L16.Conduct 0.000894 0.000000 2169648.117 0.000

L16.Water 0.000019 NAN NAN NAN

L16.Temp -0.001170 NAN NAN NAN

L16.Precip. horaria 0.000052 0.000000 1404.829 0.000

L16.Temp. prom aire -0.003832 NAN NAN NAN

L17.Conduct -0.006231 NAN NAN NAN

L17.Water -0.002090 0.000000 -7689498.281 0.000

L17.Temp 0.000277 NAN NAN NAN

L17.Precip. horaria 0.000173 0.000000 1811.450 0.000

L17.Temp. prom aire 0.002583 NAN NAN NAN

L18.Conduct -0.000467 NAN NAN NAN

L18.Water -0.000033 0.000000 -133736.580 0.000

L18.Temp 0.000442 NAN NAN NAN

L18.Precip. horaria -0.000113 NAN NAN NAN

L18.Temp. prom aire -0.002145 NAN NAN NAN

L19.Conduct -0.002120 0.000000 -13971274.975 0.000

L19.Water -0.000604 NAN NAN NAN

L19.Temp -0.000295 0.000000 -3419035.545 0.000

L19.Precip. horaria 0.000024 0.000000 646.715 0.000

L19.Temp. prom aire 0.004075 0.000000 53366089.274 0.000

L20.Conduct 0.001080 NAN NAN NAN

L20.Water 0.000356 NAN NAN NAN

L20.Temp 0.000652 NAN NAN NAN

L20.Precip. horaria -0.000074 0.000000 -1461.830 0.000

L20.Temp. prom aire -0.003617 0.000000 -91951302.000 0.000

L21.Conduct 0.001396 NAN NAN NAN

L21.Water 0.000562 NAN NAN NAN

L21.Temp 0.000695 NAN NAN NAN

L21.Precip. horaria 0.000004 0.000000 75.615 0.000

L21.Temp. prom aire 0.002564 NAN NAN NAN

L22.Conduct 0.001710 NAN NAN NAN

L22.Water 0.000649 NAN NAN NAN

L22.Temp 0.000517 0.000000 10757295.664 0.000

L22.Precip. horaria 0.000001 NAN NAN NAN

L22.Temp. prom aire -0.000576 NAN NAN NAN

L23.Conduct 0.000133 NAN NAN NAN

L23.Water 0.000088 NAN NAN NAN

L23.Temp -0.000688 0.000000 -5791580.044 0.000

L23.Precip. horaria 0.000024 0.000000 369.838 0.000

L23.Temp. prom aire 0.000084 NAN NAN NAN

L24.Conduct 0.000214 NAN NAN NAN

L24.Water 0.000105 0.000000 966368.533 0.000

L24.Temp 0.000428 0.000000 7434485.967 0.000

L24.Precip. horaria -0.000002 0.000001 -1.530 0.126

L24.Temp. prom aire -0.001789 0.000000 -9321024.668 0.000

L25.Conduct 0.000351 NAN NAN NAN

L25.Water 0.000033 0.000000 72259.195 0.000

L25.Temp -0.001077 NAN NAN NAN

L25.Precip. horaria 0.000003 NAN NAN NAN

L25.Temp. prom aire 0.000392 0.000000 7947856.856 0.000

L26.Conduct 0.000295 0.000000 419458.151 0.000

L26.Water -0.000017 NAN NAN NAN

L26.Temp -0.000583 0.000000 -13552718.715 0.000

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire 0.000853 NAN NAN NAN

L27.Conduct -0.000120 NAN NAN NAN

L27.Water -0.000076 0.000000 -841202.824 0.000

L27.Temp -0.000040 NAN NAN NAN

L27.Precip. horaria 0.000001 NAN NAN NAN

L27.Temp. prom aire 0.000177 NAN NAN NAN

L28.Conduct -0.000646 0.000000 -1709957.681 0.000

L28.Water -0.000140 NAN NAN NAN

L28.Temp 0.001063 NAN NAN NAN

L28.Precip. horaria 0.000000 NAN NAN NAN

L28.Temp. prom aire 0.001876 0.000000 20358284.059 0.000

L29.Conduct -0.000276 NAN NAN NAN

L29.Water -0.000059 NAN NAN NAN

L29.Temp -0.000305 0.000000 -3036405.135 0.000

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire -0.003478 0.000000 -138133995.307 0.000

L30.Conduct -0.000729 NAN NAN NAN

L30.Water -0.000220 NAN NAN NAN

L30.Temp 0.001739 0.000000 53323667.452 0.000

L30.Precip. horaria -0.000001 NAN NAN NAN

L30.Temp. prom aire 0.001464 0.000000 27368696.452 0.000

L31.Conduct 0.000653 0.000000 2567340.497 0.000

L31.Water 0.000535 0.000000 3343380.174 0.000

L31.Temp -0.000088 0.000000 -919802.440 0.000

L31.Precip. horaria -0.000001 0.000002 -0.612 0.541

L31.Temp. prom aire 0.000336 0.000000 2260620.323 0.000

L32.Conduct 0.000118 0.000000 364187.100 0.000

L32.Water -0.000002 NAN NAN NAN

L32.Temp -0.001250 0.000000 -14743721.320 0.000

L32.Precip. horaria 0.000001 0.000005 0.110 0.913

L32.Temp. prom aire 0.000380 NAN NAN NAN

L33.Conduct 0.000849 0.000000 2956760.056 0.000

L33.Water 0.000630 0.000000 6613927.369 0.000

L33.Temp -0.001616 0.000000 -15154572.689 0.000

L33.Precip. horaria 0.000001 NAN NAN NAN

L33.Temp. prom aire -0.000736 0.000000 -5523299.134 0.000

L34.Conduct 0.000104 NAN NAN NAN

L34.Water -0.000135 0.000000 -491181.429 0.000

L34.Temp 0.000623 0.000000 10276610.660 0.000

L34.Precip. horaria -0.000003 NAN NAN NAN

L34.Temp. prom aire -0.000743 0.000000 -5521497.601 0.000

L35.Conduct 0.000033 0.000000 267928.464 0.000

L35.Water 0.000226 NAN NAN NAN

L35.Temp 0.000857 0.000000 7612252.346 0.000

L35.Precip. horaria 0.000009 NAN NAN NAN

L35.Temp. prom aire 0.000046 NAN NAN NAN

L36.Conduct -0.001509 NAN NAN NAN

L36.Water -0.001086 0.000000 -10844880.483 0.000

L36.Temp 0.002440 NAN NAN NAN

L36.Precip. horaria -0.000006 0.000000 -30.586 0.000

L36.Temp. prom aire 0.000805 NAN NAN NAN

L37.Conduct -0.000786 0.000000 -5612656.451 0.000

L37.Water 0.000085 0.000000 296976.413 0.000

L37.Temp -0.000489 0.000000 -5764197.184 0.000

L37.Precip. horaria 0.000003 0.000000 15.346 0.000

L37.Temp. prom aire 0.001673 NAN NAN NAN

L38.Conduct -0.000164 NAN NAN NAN

L38.Water -0.000448 NAN NAN NAN

L38.Temp -0.000053 NAN NAN NAN

L38.Precip. horaria -0.000008 NAN NAN NAN

L38.Temp. prom aire -0.000211 NAN NAN NAN

L39.Conduct 0.000853 0.000000 7690599.088 0.000

L39.Water 0.000527 0.000000 7875803.300 0.000

L39.Temp 0.000091 NAN NAN NAN

L39.Precip. horaria -0.000004 NAN NAN NAN

L39.Temp. prom aire 0.000065 0.000000 414575.403 0.000

L40.Conduct 0.001451 NAN NAN NAN

L40.Water 0.000491 0.000000 12316346.383 0.000

L40.Temp -0.000958 0.000000 -9531588.154 0.000

L40.Precip. horaria 0.000018 0.000000 324.960 0.000

L40.Temp. prom aire 0.000028 NAN NAN NAN

L41.Conduct -0.000194 NAN NAN NAN

L41.Water -0.000178 0.000000 -1900484.328 0.000

L41.Temp -0.001612 0.000000 -24246428.235 0.000

L41.Precip. horaria 0.000003 0.000000 62.549 0.000

L41.Temp. prom aire -0.002608 0.000000 -11945454.040 0.000

L42.Conduct -0.000092 0.000000 -1291748.837 0.000

L42.Water -0.000113 NAN NAN NAN

L42.Temp 0.000985 NAN NAN NAN

L42.Precip. horaria -0.000018 NAN NAN NAN

L42.Temp. prom aire 0.000919 0.000000 4514083.833 0.000

L43.Conduct -0.000618 NAN NAN NAN

L43.Water -0.000384 NAN NAN NAN

L43.Temp 0.000816 NAN NAN NAN

L43.Precip. horaria -0.000013 NAN NAN NAN

L43.Temp. prom aire -0.000168 0.000000 -1155533.855 0.000

L44.Conduct 0.000216 NAN NAN NAN

L44.Water 0.000135 0.000000 1988097.385 0.000

L44.Temp 0.000358 0.000000 2227637.678 0.000

L44.Precip. horaria 0.000040 0.000000 1382.881 0.000

L44.Temp. prom aire 0.000946 0.000000 5936577.028 0.000

L45.Conduct -0.000170 0.000000 -998668.535 0.000

L45.Water 0.000342 0.000000 6970495.640 0.000

L45.Temp 0.001635 0.000000 10183637.700 0.000

L45.Precip. horaria 0.000000 NAN NAN NAN

L45.Temp. prom aire -0.000070 0.000000 -710887.671 0.000

L46.Conduct 0.000167 NAN NAN NAN

L46.Water -0.000936 NAN NAN NAN

L46.Temp -0.002334 0.000000 -8869418.020 0.000

L46.Precip. horaria 0.000020 0.000000 457.745 0.000

L46.Temp. prom aire 0.001211 0.000000 4896269.724 0.000

L47.Conduct -0.000749 NAN NAN NAN

L47.Water -0.000872 0.000000 -13287591.578 0.000

L47.Temp 0.001188 NAN NAN NAN

L47.Precip. horaria -0.000059 NAN NAN NAN

L47.Temp. prom aire -0.000366 0.000000 -2674808.403 0.000

L48.Conduct 0.000954 0.000000 33048444.332 0.000

L48.Water 0.000876 NAN NAN NAN

L48.Temp -0.001512 NAN NAN NAN

L48.Precip. horaria -0.000081 0.000000 -3469.462 0.000

L48.Temp. prom aire 0.000386 0.000000 1341289.171 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000353 NAN NAN NAN

L1.Conduct -0.004864 NAN NAN NAN

L1.Water 0.005240 0.000000 1579663.150 0.000

L1.Temp -0.044977 0.000000 -56950850.140 0.000

L1.Precip. horaria -0.003698 0.000000 -129008.695 0.000

L1.Temp. prom aire -0.053424 0.000000 -7956281.408 0.000

L2.Conduct 0.025424 0.000000 76436940.571 0.000

L2.Water -0.004311 NAN NAN NAN

L2.Temp -0.000714 0.000000 -262610.421 0.000

L2.Precip. horaria 0.004134 0.000000 10539.955 0.000

L2.Temp. prom aire 0.019258 NAN NAN NAN

L3.Conduct -0.054232 0.000000 -26053800.634 0.000

L3.Water -0.044764 NAN NAN NAN

L3.Temp -0.013298 NAN NAN NAN

L3.Precip. horaria 0.000013 0.000000 60.912 0.000

L3.Temp. prom aire -0.055210 0.000000 -14477533.637 0.000

L4.Conduct 0.056461 0.000000 34935494.417 0.000

L4.Water 0.026900 0.000000 21638663.239 0.000

L4.Temp 0.035186 0.000000 79294634.588 0.000

L4.Precip. horaria 0.001356 NAN NAN NAN

L4.Temp. prom aire 0.031134 0.000000 11237952.974 0.000

L5.Conduct -0.049001 NAN NAN NAN

L5.Water -0.008522 0.000000 -1980112.776 0.000

L5.Temp 0.028836 0.000000 6928083.930 0.000

L5.Precip. horaria -0.003771 NAN NAN NAN

L5.Temp. prom aire -0.011821 NAN NAN NAN

L6.Conduct -0.056804 0.000000 -122396701.867 0.000

L6.Water 0.004929 0.000000 1036452.733 0.000

L6.Temp 0.048127 NAN NAN NAN

L6.Precip. horaria 0.001379 NAN NAN NAN

L6.Temp. prom aire 0.080542 NAN NAN NAN

L7.Conduct 0.038530 NAN NAN NAN

L7.Water 0.017010 NAN NAN NAN

L7.Temp -0.014548 0.000000 -9405019.332 0.000

L7.Precip. horaria -0.003647 0.000000 -8640.759 0.000

L7.Temp. prom aire -0.042753 0.000000 -57322927.333 0.000

L8.Conduct 0.018547 0.000000 19163274.788 0.000

L8.Water 0.009619 NAN NAN NAN

L8.Temp 0.019765 0.000000 14898810.868 0.000

L8.Precip. horaria 0.004134 NAN NAN NAN

L8.Temp. prom aire 0.048498 NAN NAN NAN

L9.Conduct 0.028726 0.000000 4861355.359 0.000

L9.Water 0.003704 0.000000 1928174.739 0.000

L9.Temp -0.018720 0.000000 -7431557.295 0.000

L9.Precip. horaria -0.000716 NAN NAN NAN

L9.Temp. prom aire -0.042722 0.000000 -14475840.364 0.000

L10.Conduct -0.006414 0.000000 -3474040.508 0.000

L10.Water 0.005126 0.000000 2248874.935 0.000

L10.Temp 0.023885 NAN NAN NAN

L10.Precip. horaria 0.002147 0.000000 5585.201 0.000

L10.Temp. prom aire 0.025860 NAN NAN NAN

L11.Conduct -0.027933 0.000000 -9552218.163 0.000

L11.Water -0.007138 0.000000 -864379.669 0.000

L11.Temp 0.006354 NAN NAN NAN

L11.Precip. horaria -0.002185 NAN NAN NAN

L11.Temp. prom aire -0.018812 0.000000 -21769945.332 0.000

L12.Conduct 0.008462 NAN NAN NAN

L12.Water 0.012378 0.000000 2400200.899 0.000

L12.Temp 0.034216 NAN NAN NAN

L12.Precip. horaria 0.000680 0.000000 2613.156 0.000

L12.Temp. prom aire 0.029236 NAN NAN NAN

L13.Conduct 0.029079 0.000000 7792840.859 0.000

L13.Water 0.008266 0.000000 997095.107 0.000

L13.Temp -0.020791 NAN NAN NAN

L13.Precip. horaria -0.002041 NAN NAN NAN

L13.Temp. prom aire 0.039240 0.000000 11311465.367 0.000

L14.Conduct 0.020430 0.000000 6511032.806 0.000

L14.Water 0.012909 0.000000 8100385.775 0.000

L14.Temp 0.018514 NAN NAN NAN

L14.Precip. horaria 0.001397 0.000001 1359.424 0.000

L14.Temp. prom aire -0.011592 NAN NAN NAN

L15.Conduct 0.015854 0.000000 4858792.557 0.000

L15.Water 0.007856 0.000000 1811020.409 0.000

L15.Temp 0.011029 NAN NAN NAN

L15.Precip. horaria -0.000117 0.000001 -110.975 0.000

L15.Temp. prom aire -0.008276 NAN NAN NAN

L16.Conduct -0.007626 0.000000 -894203.006 0.000

L16.Water 0.003750 NAN NAN NAN

L16.Temp 0.012606 NAN NAN NAN

L16.Precip. horaria 0.001062 0.000001 1400.004 0.000

L16.Temp. prom aire -0.025816 NAN NAN NAN

L17.Conduct -0.019618 NAN NAN NAN

L17.Water -0.008921 0.000000 -1586658.364 0.000

L17.Temp -0.004001 NAN NAN NAN

L17.Precip. horaria -0.000686 0.000002 -346.480 0.000

L17.Temp. prom aire 0.012902 NAN NAN NAN

L18.Conduct 0.001827 NAN NAN NAN

L18.Water 0.005003 0.000000 974838.067 0.000

L18.Temp 0.027556 NAN NAN NAN

L18.Precip. horaria 0.000220 NAN NAN NAN

L18.Temp. prom aire -0.002415 NAN NAN NAN

L19.Conduct 0.034256 0.000000 10913124.006 0.000

L19.Water 0.014528 NAN NAN NAN

L19.Temp -0.020909 0.000000 -11723566.588 0.000

L19.Precip. horaria -0.000578 0.000001 -753.546 0.000

L19.Temp. prom aire 0.068137 0.000000 43131244.053 0.000

L20.Conduct -0.012219 NAN NAN NAN

L20.Water -0.004546 NAN NAN NAN

L20.Temp 0.009581 NAN NAN NAN

L20.Precip. horaria 0.000685 0.000001 652.119 0.000

L20.Temp. prom aire -0.027323 0.000000 -33580493.170 0.000

L21.Conduct 0.008851 NAN NAN NAN

L21.Water 0.004337 NAN NAN NAN

L21.Temp 0.019826 NAN NAN NAN

L21.Precip. horaria -0.000465 0.000001 -456.650 0.000

L21.Temp. prom aire 0.005488 NAN NAN NAN

L22.Conduct 0.004170 NAN NAN NAN

L22.Water 0.005733 NAN NAN NAN

L22.Temp 0.059721 0.000000 60090711.889 0.000

L22.Precip. horaria 0.000092 NAN NAN NAN

L22.Temp. prom aire 0.004629 NAN NAN NAN

L23.Conduct -0.004407 NAN NAN NAN

L23.Water 0.000844 NAN NAN NAN

L23.Temp -0.022301 0.000000 -9069828.676 0.000

L23.Precip. horaria 0.000142 0.000001 107.835 0.000

L23.Temp. prom aire 0.025011 NAN NAN NAN

L24.Conduct -0.000379 NAN NAN NAN

L24.Water 0.003866 0.000000 1717535.193 0.000

L24.Temp 0.004757 0.000000 3990442.033 0.000

L24.Precip. horaria -0.000045 0.000027 -1.709 0.087

L24.Temp. prom aire -0.019800 0.000000 -4987195.794 0.000

L25.Conduct 0.019836 NAN NAN NAN

L25.Water 0.006790 0.000000 711471.980 0.000

L25.Temp -0.001258 NAN NAN NAN

L25.Precip. horaria 0.000043 NAN NAN NAN

L25.Temp. prom aire 0.042694 0.000000 41885367.549 0.000

L26.Conduct 0.025532 0.000000 1757750.499 0.000

L26.Water 0.005815 NAN NAN NAN

L26.Temp -0.007388 0.000000 -8303911.051 0.000

L26.Precip. horaria -0.000000 NAN NAN NAN

L26.Temp. prom aire -0.019014 NAN NAN NAN

L27.Conduct 0.012484 NAN NAN NAN

L27.Water 0.000606 0.000000 322528.352 0.000

L27.Temp -0.015493 NAN NAN NAN

L27.Precip. horaria 0.000027 NAN NAN NAN

L27.Temp. prom aire -0.015743 NAN NAN NAN

L28.Conduct -0.007908 0.000000 -1011850.460 0.000

L28.Water -0.001989 NAN NAN NAN

L28.Temp 0.046315 NAN NAN NAN

L28.Precip. horaria -0.000023 NAN NAN NAN

L28.Temp. prom aire -0.002599 0.000000 -1362937.657 0.000

L29.Conduct -0.006840 NAN NAN NAN

L29.Water -0.000587 NAN NAN NAN

L29.Temp -0.013833 0.000000 -6653722.709 0.000

L29.Precip. horaria -0.000004 NAN NAN NAN

L29.Temp. prom aire 0.026271 0.000000 50442538.693 0.000

L30.Conduct -0.016224 NAN NAN NAN

L30.Water -0.013642 NAN NAN NAN

L30.Temp 0.043726 0.000000 64804252.100 0.000

L30.Precip. horaria -0.000039 NAN NAN NAN

L30.Temp. prom aire -0.007633 0.000000 -6899004.780 0.000

L31.Conduct 0.017392 0.000000 3306031.682 0.000

L31.Water 0.010509 0.000000 3177370.328 0.000

L31.Temp -0.009272 0.000000 -4700976.037 0.000

L31.Precip. horaria 0.000023 0.000037 0.635 0.525

L31.Temp. prom aire 0.042847 0.000000 13918161.632 0.000

L32.Conduct 0.015821 0.000000 2369784.416 0.000

L32.Water 0.002415 NAN NAN NAN

L32.Temp -0.009253 0.000000 -5273824.878 0.000

L32.Precip. horaria 0.000017 0.000095 0.178 0.859

L32.Temp. prom aire -0.023614 NAN NAN NAN

L33.Conduct 0.019480 0.000000 3280324.955 0.000

L33.Water 0.016652 0.000000 8455851.591 0.000

L33.Temp -0.029517 0.000000 -13378044.722 0.000

L33.Precip. horaria 0.000040 NAN NAN NAN

L33.Temp. prom aire 0.002775 0.000000 1006181.308 0.000

L34.Conduct 0.004798 NAN NAN NAN

L34.Water 0.013486 0.000000 2367969.854 0.000

L34.Temp 0.015605 0.000000 12437665.143 0.000

L34.Precip. horaria -0.000364 NAN NAN NAN

L34.Temp. prom aire -0.004783 0.000000 -1717291.998 0.000

L35.Conduct 0.004497 0.000000 1778563.107 0.000

L35.Water 0.018317 NAN NAN NAN

L35.Temp -0.009158 0.000000 -3930578.117 0.000

L35.Precip. horaria 0.000438 NAN NAN NAN

L35.Temp. prom aire -0.014251 NAN NAN NAN

L36.Conduct -0.012028 NAN NAN NAN

L36.Water -0.010094 0.000000 -4871208.078 0.000

L36.Temp 0.060520 NAN NAN NAN

L36.Precip. horaria 0.000066 0.000004 15.970 0.000

L36.Temp. prom aire 0.009006 NAN NAN NAN

L37.Conduct -0.000853 0.000000 -294536.488 0.000

L37.Water 0.004658 0.000000 789112.359 0.000

L37.Temp -0.005691 0.000000 -3243587.251 0.000

L37.Precip. horaria -0.000135 0.000004 -36.402 0.000

L37.Temp. prom aire 0.028245 NAN NAN NAN

L38.Conduct 0.005291 NAN NAN NAN

L38.Water 0.005515 NAN NAN NAN

L38.Temp 0.019954 NAN NAN NAN

L38.Precip. horaria -0.000225 NAN NAN NAN

L38.Temp. prom aire 0.031116 NAN NAN NAN

L39.Conduct 0.024228 0.000000 10558160.118 0.000

L39.Water 0.028132 0.000000 20321110.415 0.000

L39.Temp -0.027619 NAN NAN NAN

L39.Precip. horaria -0.000561 NAN NAN NAN

L39.Temp. prom aire -0.006553 0.000000 -2008437.600 0.000

L40.Conduct 0.014247 NAN NAN NAN

L40.Water 0.016698 0.000000 20233884.385 0.000

L40.Temp 0.005426 0.000000 2608712.735 0.000

L40.Precip. horaria 0.001121 0.000001 1000.089 0.000

L40.Temp. prom aire -0.018987 NAN NAN NAN

L41.Conduct -0.015802 NAN NAN NAN

L41.Water -0.006664 0.000000 -3441181.096 0.000

L41.Temp 0.006805 0.000000 4946235.965 0.000

L41.Precip. horaria 0.000544 0.000001 470.620 0.000

L41.Temp. prom aire -0.016911 0.000000 -3744533.226 0.000

L42.Conduct -0.016673 0.000000 -11307572.160 0.000

L42.Water -0.015060 NAN NAN NAN

L42.Temp 0.032887 NAN NAN NAN

L42.Precip. horaria -0.001551 NAN NAN NAN

L42.Temp. prom aire 0.026871 0.000000 6381253.389 0.000

L43.Conduct 0.006805 NAN NAN NAN

L43.Water 0.006253 NAN NAN NAN

L43.Temp 0.009412 NAN NAN NAN

L43.Precip. horaria -0.000659 NAN NAN NAN

L43.Temp. prom aire 0.013864 0.000000 4599811.692 0.000

L44.Conduct 0.013753 NAN NAN NAN

L44.Water 0.015887 0.000000 11308288.538 0.000

L44.Temp -0.019973 0.000000 -6012887.384 0.000

L44.Precip. horaria 0.001665 0.000001 2807.431 0.000

L44.Temp. prom aire 0.004090 0.000000 1240776.763 0.000

L45.Conduct 0.006647 0.000000 1890510.242 0.000

L45.Water 0.079128 0.000000 77856021.319 0.000

L45.Temp 0.012542 0.000000 3775323.781 0.000

L45.Precip. horaria 0.001553 NAN NAN NAN

L45.Temp. prom aire -0.023415 0.000000 -11509147.063 0.000

L46.Conduct -0.011594 NAN NAN NAN

L46.Water -0.021095 NAN NAN NAN

L46.Temp 0.008088 0.000000 1485829.194 0.000

L46.Precip. horaria 0.000651 0.000001 719.414 0.000

L46.Temp. prom aire 0.020432 0.000000 3993002.111 0.000

L47.Conduct -0.051666 NAN NAN NAN

L47.Water -0.069801 0.000000 -51389566.385 0.000

L47.Temp 0.018865 NAN NAN NAN

L47.Precip. horaria -0.001076 NAN NAN NAN

L47.Temp. prom aire -0.005601 0.000000 -1977872.573 0.000

L48.Conduct -0.038471 0.000000 -64399597.537 0.000

L48.Water 0.011781 NAN NAN NAN

L48.Temp 0.024166 NAN NAN NAN

L48.Precip. horaria -0.003427 0.000000 -7059.775 0.000

L48.Temp. prom aire 0.047956 0.000000 8056243.407 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.637400 -0.046889 -0.081928 0.252345

Water 0.637400 1.000000 -0.477412 0.135806 0.056154

Temp -0.046889 -0.477412 1.000000 -0.213679 0.258919

Precip. horaria -0.081928 0.135806 -0.213679 1.000000 -0.110787

Temp. prom aire 0.252345 0.056154 0.258919 -0.110787 1.000000

1. Sensor Sur Bajo (A84041FFC1843971):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -156.836

Nobs: 23.0000 HQIC: -201.365

Log likelihood: 3529.57 FPE: -9.11887e-140

AIC: -216.326 Det(Omega\_mle): -4.57679e-145

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000457 NAN NAN NAN

L1.Conduct -0.037786 NAN NAN NAN

L1.Water -0.017544 NAN NAN NAN

L1.Temp -0.009980 0.000000 -1653609.860 0.000

L1.Precip. horaria 0.001791 0.000000 6441.240 0.000

L1.Temp. prom aire 0.002759 0.000000 396655.884 0.000

L2.Conduct -0.049659 NAN NAN NAN

L2.Water -0.007256 0.000000 -2183434.216 0.000

L2.Temp 0.017095 NAN NAN NAN

L2.Precip. horaria -0.000309 NAN NAN NAN

L2.Temp. prom aire 0.027095 0.000000 3851004.093 0.000

L3.Conduct 0.037067 0.000000 5896840.105 0.000

L3.Water 0.021396 0.000000 4754339.495 0.000

L3.Temp -0.004398 NAN NAN NAN

L3.Precip. horaria -0.003270 0.000000 -15220.112 0.000

L3.Temp. prom aire -0.004846 0.000000 -941772.156 0.000

L4.Conduct -0.019697 0.000000 -5647284.382 0.000

L4.Water 0.024284 0.000000 6565094.217 0.000

L4.Temp 0.026513 NAN NAN NAN

L4.Precip. horaria 0.001174 NAN NAN NAN

L4.Temp. prom aire 0.014886 0.000000 2093336.327 0.000

L5.Conduct -0.009450 0.000000 -5425752.785 0.000

L5.Water -0.009567 0.000000 -2801876.557 0.000

L5.Temp 0.015464 NAN NAN NAN

L5.Precip. horaria -0.000199 NAN NAN NAN

L5.Temp. prom aire -0.003217 NAN NAN NAN

L6.Conduct -0.038746 0.000000 -60165047.904 0.000

L6.Water -0.026056 NAN NAN NAN

L6.Temp 0.019602 NAN NAN NAN

L6.Precip. horaria -0.000442 0.000001 -662.074 0.000

L6.Temp. prom aire 0.014576 0.000000 3242358.354 0.000

L7.Conduct 0.038285 0.000000 4467161.995 0.000

L7.Water 0.013027 0.000000 3260917.124 0.000

L7.Temp 0.009455 NAN NAN NAN

L7.Precip. horaria -0.001757 0.000001 -1233.184 0.000

L7.Temp. prom aire 0.004829 0.000000 1084532.280 0.000

L8.Conduct -0.011586 0.000000 -1750713.224 0.000

L8.Water 0.013351 0.000000 3350609.067 0.000

L8.Temp 0.004065 NAN NAN NAN

L8.Precip. horaria 0.001437 0.000000 4298.689 0.000

L8.Temp. prom aire -0.000126 0.000000 -38783.785 0.000

L9.Conduct -0.012242 NAN NAN NAN

L9.Water 0.002643 0.000000 415571.560 0.000

L9.Temp 0.017895 NAN NAN NAN

L9.Precip. horaria 0.002258 0.000001 2157.591 0.000

L9.Temp. prom aire 0.001947 0.000000 255879.742 0.000

L10.Conduct -0.027259 NAN NAN NAN

L10.Water -0.008563 0.000000 -1639575.701 0.000

L10.Temp -0.003484 NAN NAN NAN

L10.Precip. horaria -0.001307 NAN NAN NAN

L10.Temp. prom aire -0.002835 0.000000 -461699.120 0.000

L11.Conduct 0.037066 NAN NAN NAN

L11.Water 0.037413 0.000000 13396225.382 0.000

L11.Temp 0.015898 NAN NAN NAN

L11.Precip. horaria -0.000455 NAN NAN NAN

L11.Temp. prom aire 0.014918 NAN NAN NAN

L12.Conduct 0.049884 NAN NAN NAN

L12.Water 0.033668 NAN NAN NAN

L12.Temp -0.000283 NAN NAN NAN

L12.Precip. horaria -0.000287 NAN NAN NAN

L12.Temp. prom aire 0.021216 NAN NAN NAN

L13.Conduct 0.060433 0.000000 6228106.112 0.000

L13.Water 0.034253 0.000000 7041010.629 0.000

L13.Temp 0.003898 0.000000 1813758.886 0.000

L13.Precip. horaria -0.000157 0.000001 -147.418 0.000

L13.Temp. prom aire -0.018776 NAN NAN NAN

L14.Conduct 0.062054 NAN NAN NAN

L14.Water -0.017149 0.000000 -2817063.616 0.000

L14.Temp 0.010981 0.000000 3871583.176 0.000

L14.Precip. horaria -0.000534 0.000001 -410.539 0.000

L14.Temp. prom aire 0.016215 NAN NAN NAN

L15.Conduct 0.065755 NAN NAN NAN

L15.Water 0.012165 0.000000 1766452.718 0.000

L15.Temp -0.026671 NAN NAN NAN

L15.Precip. horaria -0.000294 0.000000 -2641.705 0.000

L15.Temp. prom aire 0.034058 NAN NAN NAN

L16.Conduct 0.053760 NAN NAN NAN

L16.Water 0.007736 0.000000 633935.231 0.000

L16.Temp -0.002320 NAN NAN NAN

L16.Precip. horaria 0.000300 0.000003 103.580 0.000

L16.Temp. prom aire -0.044324 NAN NAN NAN

L17.Conduct -0.078776 0.000000 -11239373.364 0.000

L17.Water -0.051174 0.000000 -9343117.305 0.000

L17.Temp 0.025944 NAN NAN NAN

L17.Precip. horaria 0.001936 NAN NAN NAN

L17.Temp. prom aire 0.042918 0.000000 8050850.416 0.000

L18.Conduct -0.045127 0.000000 -7382957.229 0.000

L18.Water -0.031998 NAN NAN NAN

L18.Temp 0.008247 0.000000 18495234.162 0.000

L18.Precip. horaria -0.001069 0.000001 -1249.440 0.000

L18.Temp. prom aire -0.015560 NAN NAN NAN

L19.Conduct -0.048489 0.000000 -3763732.639 0.000

L19.Water -0.031442 0.000000 -2002874.580 0.000

L19.Temp 0.022336 NAN NAN NAN

L19.Precip. horaria 0.000139 NAN NAN NAN

L19.Temp. prom aire 0.037213 0.000000 10163563.009 0.000

L20.Conduct -0.040147 NAN NAN NAN

L20.Water -0.014919 NAN NAN NAN

L20.Temp 0.039439 NAN NAN NAN

L20.Precip. horaria -0.000057 NAN NAN NAN

L20.Temp. prom aire -0.008820 0.000000 -4636819.733 0.000

L21.Conduct -0.028199 NAN NAN NAN

L21.Water -0.011152 0.000000 -1992571.691 0.000

L21.Temp 0.031219 0.000000 11678423.732 0.000

L21.Precip. horaria -0.000139 0.000000 -387.553 0.000

L21.Temp. prom aire 0.029582 0.000000 17915769.518 0.000

L22.Conduct -0.021716 0.000000 -1455164.761 0.000

L22.Water -0.009840 0.000000 -1712270.554 0.000

L22.Temp 0.018024 NAN NAN NAN

L22.Precip. horaria -0.000093 NAN NAN NAN

L22.Temp. prom aire 0.002409 NAN NAN NAN

L23.Conduct 0.004594 0.000000 713599.625 0.000

L23.Water 0.003571 NAN NAN NAN

L23.Temp 0.021718 0.000000 9680690.507 0.000

L23.Precip. horaria -0.000540 0.000001 -375.931 0.000

L23.Temp. prom aire 0.009281 0.000000 1968329.699 0.000

L24.Conduct 0.014141 0.000000 993351.955 0.000

L24.Water 0.008571 0.000000 1113770.161 0.000

L24.Temp 0.039706 NAN NAN NAN

L24.Precip. horaria -0.000017 NAN NAN NAN

L24.Temp. prom aire 0.030214 NAN NAN NAN

L25.Conduct 0.006378 0.000000 479982.386 0.000

L25.Water 0.004611 NAN NAN NAN

L25.Temp -0.013086 0.000000 -5249231.262 0.000

L25.Precip. horaria 0.000019 0.000032 0.587 0.557

L25.Temp. prom aire -0.002788 NAN NAN NAN

L26.Conduct 0.004151 NAN NAN NAN

L26.Water 0.004553 0.000000 406388.052 0.000

L26.Temp 0.018246 0.000000 17987117.866 0.000

L26.Precip. horaria -0.000002 NAN NAN NAN

L26.Temp. prom aire 0.005058 NAN NAN NAN

L27.Conduct 0.004341 NAN NAN NAN

L27.Water 0.006445 0.000000 1196185.436 0.000

L27.Temp 0.030042 0.000000 61395489.761 0.000

L27.Precip. horaria -0.000001 0.000083 -0.007 0.994

L27.Temp. prom aire 0.018936 NAN NAN NAN

L28.Conduct 0.005926 0.000000 829577.357 0.000

L28.Water 0.009922 NAN NAN NAN

L28.Temp 0.006515 NAN NAN NAN

L28.Precip. horaria -0.000012 NAN NAN NAN

L28.Temp. prom aire 0.020477 0.000000 15822768.020 0.000

L29.Conduct 0.009029 NAN NAN NAN

L29.Water 0.012074 NAN NAN NAN

L29.Temp 0.016438 NAN NAN NAN

L29.Precip. horaria -0.000002 NAN NAN NAN

L29.Temp. prom aire -0.032115 0.000000 -5861539.247 0.000

L30.Conduct 0.002411 NAN NAN NAN

L30.Water 0.026259 0.000000 3247394.917 0.000

L30.Temp -0.000596 NAN NAN NAN

L30.Precip. horaria 0.000009 NAN NAN NAN

L30.Temp. prom aire 0.016827 NAN NAN NAN

L31.Conduct 0.001669 NAN NAN NAN

L31.Water 0.027085 0.000000 3939432.655 0.000

L31.Temp 0.003773 0.000000 1274506.383 0.000

L31.Precip. horaria 0.000003 0.000110 0.029 0.977

L31.Temp. prom aire -0.008428 0.000000 -1598305.646 0.000

L32.Conduct -0.006468 0.000000 -3425190.044 0.000

L32.Water 0.007341 NAN NAN NAN

L32.Temp 0.014257 0.000000 5497682.113 0.000

L32.Precip. horaria -0.000004 0.000167 -0.021 0.983

L32.Temp. prom aire 0.002086 0.000000 511763.125 0.000

L33.Conduct -0.006056 NAN NAN NAN

L33.Water 0.026520 0.000000 4902308.346 0.000

L33.Temp 0.005905 0.000000 1744984.850 0.000

L33.Precip. horaria 0.000002 0.000164 0.011 0.991

L33.Temp. prom aire 0.011035 0.000000 2594457.005 0.000

L34.Conduct -0.011148 NAN NAN NAN

L34.Water 0.005167 0.000000 1205660.999 0.000

L34.Temp 0.018908 NAN NAN NAN

L34.Precip. horaria 0.000203 0.000014 14.724 0.000

L34.Temp. prom aire -0.006595 NAN NAN NAN

L35.Conduct -0.006813 NAN NAN NAN

L35.Water 0.012850 0.000000 1872082.629 0.000

L35.Temp 0.024230 0.000000 4986601.936 0.000

L35.Precip. horaria -0.000027 0.000025 -1.067 0.286

L35.Temp. prom aire 0.031843 NAN NAN NAN

L36.Conduct 0.004972 NAN NAN NAN

L36.Water 0.000285 NAN NAN NAN

L36.Temp 0.034191 0.000000 8804567.484 0.000

L36.Precip. horaria -0.000247 NAN NAN NAN

L36.Temp. prom aire 0.029525 0.000000 5423091.102 0.000

L37.Conduct 0.023303 NAN NAN NAN

L37.Water 0.024549 0.000000 4821471.289 0.000

L37.Temp 0.013260 0.000000 3078014.281 0.000

L37.Precip. horaria 0.000331 NAN NAN NAN

L37.Temp. prom aire 0.025558 NAN NAN NAN

L38.Conduct 0.023623 NAN NAN NAN

L38.Water 0.011334 0.000000 2928728.408 0.000

L38.Temp 0.005689 NAN NAN NAN

L38.Precip. horaria 0.000009 NAN NAN NAN

L38.Temp. prom aire -0.008660 0.000000 -1061620.680 0.000

L39.Conduct 0.028395 NAN NAN NAN

L39.Water 0.011758 NAN NAN NAN

L39.Temp 0.019988 NAN NAN NAN

L39.Precip. horaria 0.000377 0.000006 58.431 0.000

L39.Temp. prom aire 0.005023 0.000000 1553877.845 0.000

L40.Conduct 0.030296 NAN NAN NAN

L40.Water 0.002052 0.000000 606906.504 0.000

L40.Temp 0.012159 NAN NAN NAN

L40.Precip. horaria -0.000250 0.000005 -48.577 0.000

L40.Temp. prom aire 0.028586 0.000000 3722753.679 0.000

L41.Conduct 0.023085 0.000000 4812576.136 0.000

L41.Water 0.002456 NAN NAN NAN

L41.Temp -0.017195 0.000000 -4135085.554 0.000

L41.Precip. horaria -0.000509 0.000005 -107.266 0.000

L41.Temp. prom aire -0.024674 0.000000 -8702791.488 0.000

L42.Conduct 0.022887 NAN NAN NAN

L42.Water -0.005899 0.000000 -2237898.312 0.000

L42.Temp 0.014941 NAN NAN NAN

L42.Precip. horaria 0.001340 NAN NAN NAN

L42.Temp. prom aire -0.006674 0.000000 -795383.901 0.000

L43.Conduct 0.008200 0.000000 2737338.892 0.000

L43.Water -0.026185 0.000000 -8949914.778 0.000

L43.Temp 0.000711 NAN NAN NAN

L43.Precip. horaria 0.000416 0.000002 178.864 0.000

L43.Temp. prom aire -0.000002 0.000000 -645.874 0.000

L44.Conduct 0.028846 NAN NAN NAN

L44.Water -0.010166 NAN NAN NAN

L44.Temp 0.003322 NAN NAN NAN

L44.Precip. horaria -0.000654 0.000001 -587.172 0.000

L44.Temp. prom aire 0.018682 NAN NAN NAN

L45.Conduct 0.008048 0.000000 4429223.199 0.000

L45.Water -0.027816 NAN NAN NAN

L45.Temp 0.005009 NAN NAN NAN

L45.Precip. horaria -0.000753 0.000003 -260.939 0.000

L45.Temp. prom aire 0.005959 0.000000 2646725.466 0.000

L46.Conduct 0.006852 0.000000 1604492.885 0.000

L46.Water 0.011565 NAN NAN NAN

L46.Temp -0.032309 NAN NAN NAN

L46.Precip. horaria 0.000209 NAN NAN NAN

L46.Temp. prom aire -0.008264 NAN NAN NAN

L47.Conduct 0.032358 0.000000 9233757.965 0.000

L47.Water 0.036338 NAN NAN NAN

L47.Temp 0.014887 NAN NAN NAN

L47.Precip. horaria 0.000029 0.000001 35.451 0.000

L47.Temp. prom aire -0.005614 NAN NAN NAN

L48.Conduct 0.029457 0.000000 6813681.799 0.000

L48.Water -0.005373 NAN NAN NAN

L48.Temp -0.031777 NAN NAN NAN

L48.Precip. horaria -0.000267 0.000000 -901.929 0.000

L48.Temp. prom aire 0.011426 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000387 NAN NAN NAN

L1.Conduct -0.038016 NAN NAN NAN

L1.Water -0.017001 NAN NAN NAN

L1.Temp 0.011335 0.000000 3804340.181 0.000

L1.Precip. horaria 0.001203 0.000000 8765.085 0.000

L1.Temp. prom aire 0.015377 0.000000 4478316.060 0.000

L2.Conduct -0.042628 NAN NAN NAN

L2.Water -0.023876 0.000000 -14553215.938 0.000

L2.Temp 0.014479 NAN NAN NAN

L2.Precip. horaria -0.001206 NAN NAN NAN

L2.Temp. prom aire 0.045808 0.000000 13188301.580 0.000

L3.Conduct 0.168343 0.000000 54247541.514 0.000

L3.Water 0.046704 0.000000 21021407.776 0.000

L3.Temp -0.047111 NAN NAN NAN

L3.Precip. horaria -0.006688 0.000000 -63060.651 0.000

L3.Temp. prom aire -0.030405 0.000000 -11969885.146 0.000

L4.Conduct 0.023119 0.000000 13426645.066 0.000

L4.Water 0.045200 0.000000 24752300.622 0.000

L4.Temp -0.000738 NAN NAN NAN

L4.Precip. horaria 0.004247 NAN NAN NAN

L4.Temp. prom aire -0.000293 0.000000 -83447.307 0.000

L5.Conduct -0.009006 0.000000 -10474660.240 0.000

L5.Water -0.000101 0.000000 -59668.944 0.000

L5.Temp -0.003896 NAN NAN NAN

L5.Precip. horaria 0.001175 NAN NAN NAN

L5.Temp. prom aire -0.019955 NAN NAN NAN

L6.Conduct -0.075924 0.000000 -238810941.676 0.000

L6.Water -0.042145 NAN NAN NAN

L6.Temp 0.012136 NAN NAN NAN

L6.Precip. horaria 0.000343 0.000000 1041.512 0.000

L6.Temp. prom aire 0.013857 0.000000 6243968.259 0.000

L7.Conduct 0.048215 0.000000 11395900.315 0.000

L7.Water 0.017428 0.000000 8837346.624 0.000

L7.Temp -0.000143 NAN NAN NAN

L7.Precip. horaria -0.002532 0.000001 -3600.301 0.000

L7.Temp. prom aire 0.013061 0.000000 5941508.301 0.000

L8.Conduct 0.024066 0.000000 7365914.413 0.000

L8.Water 0.030388 0.000000 15447677.916 0.000

L8.Temp -0.019385 NAN NAN NAN

L8.Precip. horaria 0.000858 0.000000 5198.752 0.000

L8.Temp. prom aire -0.010451 0.000000 -6509204.421 0.000

L9.Conduct -0.008092 NAN NAN NAN

L9.Water 0.005403 0.000000 1720933.202 0.000

L9.Temp 0.007668 NAN NAN NAN

L9.Precip. horaria 0.003297 0.000001 6381.372 0.000

L9.Temp. prom aire -0.007943 0.000000 -2114154.393 0.000

L10.Conduct -0.044701 NAN NAN NAN

L10.Water -0.018865 0.000000 -7316939.235 0.000

L10.Temp -0.012527 NAN NAN NAN

L10.Precip. horaria -0.001626 NAN NAN NAN

L10.Temp. prom aire -0.003528 0.000000 -1164129.660 0.000

L11.Conduct 0.024474 NAN NAN NAN

L11.Water 0.035996 0.000000 26108277.848 0.000

L11.Temp 0.013475 NAN NAN NAN

L11.Precip. horaria -0.000791 NAN NAN NAN

L11.Temp. prom aire 0.012095 NAN NAN NAN

L12.Conduct 0.045704 NAN NAN NAN

L12.Water 0.035708 NAN NAN NAN

L12.Temp -0.002717 NAN NAN NAN

L12.Precip. horaria -0.001056 NAN NAN NAN

L12.Temp. prom aire 0.011941 NAN NAN NAN

L13.Conduct 0.061184 0.000000 12772635.413 0.000

L13.Water 0.035966 0.000000 14976018.229 0.000

L13.Temp 0.003696 0.000000 3483407.022 0.000

L13.Precip. horaria 0.000864 0.000001 1646.217 0.000

L13.Temp. prom aire -0.008538 NAN NAN NAN

L14.Conduct 0.059406 NAN NAN NAN

L14.Water -0.029493 0.000000 -9813758.595 0.000

L14.Temp 0.002156 0.000000 1540149.662 0.000

L14.Precip. horaria -0.000878 0.000001 -1368.115 0.000

L14.Temp. prom aire -0.004466 NAN NAN NAN

L15.Conduct 0.056751 NAN NAN NAN

L15.Water 0.012767 0.000000 3755432.434 0.000

L15.Temp -0.039382 NAN NAN NAN

L15.Precip. horaria 0.000316 0.000000 5744.984 0.000

L15.Temp. prom aire 0.085135 NAN NAN NAN

L16.Conduct 0.036646 NAN NAN NAN

L16.Water 0.012305 0.000000 2042622.630 0.000

L16.Temp -0.006927 NAN NAN NAN

L16.Precip. horaria 0.000399 0.000001 279.064 0.000

L16.Temp. prom aire -0.094776 NAN NAN NAN

L17.Conduct -0.110893 0.000000 -32048763.017 0.000

L17.Water -0.037026 0.000000 -13693321.350 0.000

L17.Temp 0.040148 NAN NAN NAN

L17.Precip. horaria 0.002328 NAN NAN NAN

L17.Temp. prom aire 0.047964 0.000000 18225119.894 0.000

L18.Conduct -0.055058 0.000000 -18245962.215 0.000

L18.Water -0.031190 NAN NAN NAN

L18.Temp 0.006439 0.000000 29251319.809 0.000

L18.Precip. horaria -0.001733 0.000000 -4102.737 0.000

L18.Temp. prom aire -0.034726 NAN NAN NAN

L19.Conduct -0.025810 0.000000 -4058077.004 0.000

L19.Water -0.015976 0.000000 -2061442.238 0.000

L19.Temp 0.016758 NAN NAN NAN

L19.Precip. horaria -0.000214 NAN NAN NAN

L19.Temp. prom aire 0.050120 0.000000 27728161.969 0.000

L20.Conduct 0.024617 NAN NAN NAN

L20.Water 0.014012 NAN NAN NAN

L20.Temp 0.024644 NAN NAN NAN

L20.Precip. horaria -0.000640 NAN NAN NAN

L20.Temp. prom aire -0.010186 0.000000 -10846462.894 0.000

L21.Conduct -0.015420 NAN NAN NAN

L21.Water -0.004510 0.000000 -1632214.010 0.000

L21.Temp 0.012714 0.000000 9633686.381 0.000

L21.Precip. horaria 0.000786 0.000000 4443.193 0.000

L21.Temp. prom aire 0.017921 0.000000 21984446.744 0.000

L22.Conduct -0.021099 0.000000 -2863952.457 0.000

L22.Water -0.006710 0.000000 -2365150.127 0.000

L22.Temp 0.008629 NAN NAN NAN

L22.Precip. horaria -0.000117 NAN NAN NAN

L22.Temp. prom aire -0.007728 NAN NAN NAN

L23.Conduct -0.021475 0.000000 -6757061.921 0.000

L23.Water -0.003090 NAN NAN NAN

L23.Temp 0.017994 0.000000 16246845.588 0.000

L23.Precip. horaria -0.000274 0.000001 -387.111 0.000

L23.Temp. prom aire -0.007543 0.000000 -3240337.876 0.000

L24.Conduct -0.006120 0.000000 -870824.388 0.000

L24.Water 0.002831 0.000000 745265.966 0.000

L24.Temp 0.067563 NAN NAN NAN

L24.Precip. horaria -0.000029 NAN NAN NAN

L24.Temp. prom aire 0.055797 NAN NAN NAN

L25.Conduct -0.004330 0.000000 -660032.685 0.000

L25.Water -0.000813 NAN NAN NAN

L25.Temp -0.023171 0.000000 -18827749.862 0.000

L25.Precip. horaria 0.000015 0.000016 0.962 0.336

L25.Temp. prom aire 0.004775 NAN NAN NAN

L26.Conduct -0.001366 NAN NAN NAN

L26.Water 0.000313 0.000000 56560.764 0.000

L26.Temp 0.021353 0.000000 42638587.585 0.000

L26.Precip. horaria 0.000007 NAN NAN NAN

L26.Temp. prom aire -0.003009 NAN NAN NAN

L27.Conduct 0.004502 NAN NAN NAN

L27.Water 0.005213 0.000000 1959883.701 0.000

L27.Temp 0.058592 0.000000 242550686.597 0.000

L27.Precip. horaria 0.000000 0.000041 0.007 0.995

L27.Temp. prom aire 0.040895 NAN NAN NAN

L28.Conduct -0.002464 0.000000 -698648.691 0.000

L28.Water 0.004862 NAN NAN NAN

L28.Temp 0.000523 NAN NAN NAN

L28.Precip. horaria -0.000013 NAN NAN NAN

L28.Temp. prom aire 0.015029 0.000000 23522671.627 0.000

L29.Conduct 0.001319 NAN NAN NAN

L29.Water 0.004133 NAN NAN NAN

L29.Temp 0.029869 NAN NAN NAN

L29.Precip. horaria -0.000004 NAN NAN NAN

L29.Temp. prom aire -0.037373 0.000000 -13817300.208 0.000

L30.Conduct -0.008416 NAN NAN NAN

L30.Water 0.005619 0.000000 1407634.881 0.000

L30.Temp 0.003258 NAN NAN NAN

L30.Precip. horaria 0.000007 NAN NAN NAN

L30.Temp. prom aire 0.021375 NAN NAN NAN

L31.Conduct -0.001975 NAN NAN NAN

L31.Water 0.006203 0.000000 1827614.332 0.000

L31.Temp 0.016184 0.000000 11073984.469 0.000

L31.Precip. horaria -0.000003 0.000054 -0.063 0.950

L31.Temp. prom aire -0.006690 0.000000 -2569928.915 0.000

L32.Conduct -0.006168 0.000000 -6616232.356 0.000

L32.Water -0.037802 NAN NAN NAN

L32.Temp 0.042519 0.000000 33213187.060 0.000

L32.Precip. horaria -0.000016 0.000082 -0.199 0.843

L32.Temp. prom aire 0.032093 0.000000 15950184.299 0.000

L33.Conduct -0.006274 NAN NAN NAN

L33.Water 0.011306 0.000000 4233552.180 0.000

L33.Temp 0.005623 0.000000 3365987.406 0.000

L33.Precip. horaria 0.000005 0.000081 0.066 0.947

L33.Temp. prom aire 0.007937 0.000000 3780276.158 0.000

L34.Conduct -0.015642 NAN NAN NAN

L34.Water -0.014354 0.000000 -6783749.748 0.000

L34.Temp 0.030049 NAN NAN NAN

L34.Precip. horaria 0.000157 0.000007 22.984 0.000

L34.Temp. prom aire 0.001104 NAN NAN NAN

L35.Conduct -0.015197 NAN NAN NAN

L35.Water 0.004251 0.000000 1254394.967 0.000

L35.Temp 0.015612 0.000000 6508357.879 0.000

L35.Precip. horaria -0.000049 0.000012 -3.982 0.000

L35.Temp. prom aire 0.026770 NAN NAN NAN

L36.Conduct 0.001813 NAN NAN NAN

L36.Water -0.011294 NAN NAN NAN

L36.Temp 0.040610 0.000000 21183037.771 0.000

L36.Precip. horaria -0.000514 NAN NAN NAN

L36.Temp. prom aire 0.028859 0.000000 10737277.680 0.000

L37.Conduct 0.025357 NAN NAN NAN

L37.Water 0.017819 0.000000 7089030.570 0.000

L37.Temp 0.018682 0.000000 8784266.488 0.000

L37.Precip. horaria 0.000593 NAN NAN NAN

L37.Temp. prom aire 0.017421 NAN NAN NAN

L38.Conduct 0.016011 NAN NAN NAN

L38.Water 0.003278 0.000000 1715577.284 0.000

L38.Temp 0.001181 NAN NAN NAN

L38.Precip. horaria -0.000002 NAN NAN NAN

L38.Temp. prom aire -0.015170 0.000000 -3766999.881 0.000

L39.Conduct 0.012031 NAN NAN NAN

L39.Water 0.001909 NAN NAN NAN

L39.Temp 0.026593 NAN NAN NAN

L39.Precip. horaria 0.000019 0.000003 6.081 0.000

L39.Temp. prom aire 0.009841 0.000000 6166403.686 0.000

L40.Conduct 0.008677 NAN NAN NAN

L40.Water -0.001304 0.000000 -780954.118 0.000

L40.Temp 0.010021 NAN NAN NAN

L40.Precip. horaria -0.000374 0.000003 -147.206 0.000

L40.Temp. prom aire 0.044343 0.000000 11697637.976 0.000

L41.Conduct -0.002180 0.000000 -920354.119 0.000

L41.Water 0.000328 NAN NAN NAN

L41.Temp -0.011775 0.000000 -5735707.198 0.000

L41.Precip. horaria -0.001018 0.000002 -434.524 0.000

L41.Temp. prom aire -0.026372 0.000000 -18841991.318 0.000

L42.Conduct 0.012088 NAN NAN NAN

L42.Water -0.005511 0.000000 -4235119.320 0.000

L42.Temp 0.020206 NAN NAN NAN

L42.Precip. horaria 0.002178 NAN NAN NAN

L42.Temp. prom aire -0.012761 0.000000 -3080583.700 0.000

L43.Conduct -0.004666 0.000000 -3155041.429 0.000

L43.Water -0.037875 0.000000 -26222850.211 0.000

L43.Temp 0.022597 NAN NAN NAN

L43.Precip. horaria 0.000056 0.000001 48.415 0.000

L43.Temp. prom aire 0.009584 0.000000 6422037.945 0.000

L44.Conduct 0.033352 NAN NAN NAN

L44.Water -0.000342 NAN NAN NAN

L44.Temp 0.009929 NAN NAN NAN

L44.Precip. horaria -0.002181 0.000001 -3966.355 0.000

L44.Temp. prom aire 0.053603 NAN NAN NAN

L45.Conduct 0.007368 0.000000 8213363.626 0.000

L45.Water -0.004466 NAN NAN NAN

L45.Temp 0.003751 NAN NAN NAN

L45.Precip. horaria -0.000915 0.000001 -642.298 0.000

L45.Temp. prom aire -0.000787 0.000000 -707843.750 0.000

L46.Conduct -0.007963 0.000000 -3777219.160 0.000

L46.Water 0.040473 NAN NAN NAN

L46.Temp -0.050359 NAN NAN NAN

L46.Precip. horaria 0.001396 NAN NAN NAN

L46.Temp. prom aire -0.023709 NAN NAN NAN

L47.Conduct 0.038299 0.000000 22138080.966 0.000

L47.Water 0.068797 NAN NAN NAN

L47.Temp 0.032190 NAN NAN NAN

L47.Precip. horaria 0.001751 0.000000 4326.507 0.000

L47.Temp. prom aire -0.024520 NAN NAN NAN

L48.Conduct 0.006719 0.000000 3148305.080 0.000

L48.Water -0.019236 NAN NAN NAN

L48.Temp -0.027603 NAN NAN NAN

L48.Precip. horaria -0.000544 0.000000 -3717.895 0.000

L48.Temp. prom aire 0.027272 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000371 NAN NAN NAN

L1.Conduct 0.032751 NAN NAN NAN

L1.Water -0.003473 NAN NAN NAN

L1.Temp 0.013728 0.000000 3288983.014 0.000

L1.Precip. horaria -0.003065 0.000000 -15939.848 0.000

L1.Temp. prom aire -0.015660 0.000000 -3255731.286 0.000

L2.Conduct 0.037921 NAN NAN NAN

L2.Water 0.000673 0.000000 292899.391 0.000

L2.Temp 0.023914 NAN NAN NAN

L2.Precip. horaria -0.000740 NAN NAN NAN

L2.Temp. prom aire 0.015713 0.000000 3229436.671 0.000

L3.Conduct -0.016370 0.000000 -3765673.937 0.000

L3.Water -0.058378 0.000000 -18757304.623 0.000

L3.Temp -0.003063 NAN NAN NAN

L3.Precip. horaria -0.001242 0.000000 -8362.272 0.000

L3.Temp. prom aire -0.009662 0.000000 -2715287.307 0.000

L4.Conduct -0.008953 0.000000 -3711924.865 0.000

L4.Water 0.025037 0.000000 9787377.892 0.000

L4.Temp 0.008554 NAN NAN NAN

L4.Precip. horaria 0.001622 NAN NAN NAN

L4.Temp. prom aire 0.007113 0.000000 1446457.303 0.000

L5.Conduct 0.002215 0.000000 1838840.213 0.000

L5.Water -0.000537 0.000000 -227452.070 0.000

L5.Temp 0.004746 NAN NAN NAN

L5.Precip. horaria 0.001162 NAN NAN NAN

L5.Temp. prom aire -0.019587 NAN NAN NAN

L6.Conduct -0.060482 0.000000 -135804091.620 0.000

L6.Water -0.006261 NAN NAN NAN

L6.Temp 0.033113 NAN NAN NAN

L6.Precip. horaria 0.002916 0.000000 6319.881 0.000

L6.Temp. prom aire 0.045387 0.000000 14599581.789 0.000

L7.Conduct 0.072427 0.000000 12220107.307 0.000

L7.Water 0.038229 0.000000 13838212.291 0.000

L7.Temp -0.004083 NAN NAN NAN

L7.Precip. horaria -0.002773 0.000001 -2814.361 0.000

L7.Temp. prom aire -0.012807 0.000000 -4158987.749 0.000

L8.Conduct -0.001154 0.000000 -252070.550 0.000

L8.Water 0.020569 0.000000 7464378.593 0.000

L8.Temp 0.022069 NAN NAN NAN

L8.Precip. horaria 0.001425 0.000000 6162.012 0.000

L8.Temp. prom aire 0.035017 0.000000 15569000.882 0.000

L9.Conduct 0.014281 NAN NAN NAN

L9.Water 0.015182 0.000000 3452272.680 0.000

L9.Temp 0.007407 NAN NAN NAN

L9.Precip. horaria -0.000480 0.000001 -663.122 0.000

L9.Temp. prom aire -0.001902 0.000000 -361302.348 0.000

L10.Conduct -0.028086 NAN NAN NAN

L10.Water -0.003495 0.000000 -967628.846 0.000

L10.Temp 0.015449 NAN NAN NAN

L10.Precip. horaria 0.000441 NAN NAN NAN

L10.Temp. prom aire 0.007156 0.000000 1685436.543 0.000

L11.Conduct -0.003634 NAN NAN NAN

L11.Water 0.008459 0.000000 4379633.240 0.000

L11.Temp 0.014142 NAN NAN NAN

L11.Precip. horaria -0.001592 NAN NAN NAN

L11.Temp. prom aire -0.008656 NAN NAN NAN

L12.Conduct -0.000742 NAN NAN NAN

L12.Water 0.016302 NAN NAN NAN

L12.Temp 0.027182 NAN NAN NAN

L12.Precip. horaria 0.000303 NAN NAN NAN

L12.Temp. prom aire 0.020567 NAN NAN NAN

L13.Conduct 0.009523 0.000000 1419215.833 0.000

L13.Water 0.014717 0.000000 4374414.127 0.000

L13.Temp 0.003104 0.000000 2088790.725 0.000

L13.Precip. horaria 0.000258 0.000001 351.155 0.000

L13.Temp. prom aire 0.015346 NAN NAN NAN

L14.Conduct -0.005707 NAN NAN NAN

L14.Water -0.000340 0.000000 -80673.416 0.000

L14.Temp 0.009936 0.000000 5065929.459 0.000

L14.Precip. horaria 0.001011 0.000001 1124.431 0.000

L14.Temp. prom aire 0.014490 NAN NAN NAN

L15.Conduct -0.012541 NAN NAN NAN

L15.Water 0.006002 0.000000 1260365.195 0.000

L15.Temp 0.000803 NAN NAN NAN

L15.Precip. horaria 0.000378 0.000000 4915.414 0.000

L15.Temp. prom aire -0.012336 NAN NAN NAN

L16.Conduct -0.013828 NAN NAN NAN

L16.Water 0.037054 0.000000 4390957.536 0.000

L16.Temp 0.008566 NAN NAN NAN

L16.Precip. horaria 0.000357 0.000002 178.658 0.000

L16.Temp. prom aire -0.018691 NAN NAN NAN

L17.Conduct -0.024398 0.000000 -5033503.248 0.000

L17.Water 0.031064 0.000000 8201022.069 0.000

L17.Temp 0.004350 NAN NAN NAN

L17.Precip. horaria 0.000242 NAN NAN NAN

L17.Temp. prom aire 0.008097 0.000000 2196300.820 0.000

L18.Conduct 0.008487 0.000000 2007820.345 0.000

L18.Water 0.031816 NAN NAN NAN

L18.Temp 0.025088 0.000000 81361645.465 0.000

L18.Precip. horaria -0.000608 0.000001 -1027.091 0.000

L18.Temp. prom aire -0.019921 NAN NAN NAN

L19.Conduct 0.088752 0.000000 9961373.855 0.000

L19.Water 0.046791 0.000000 4309992.688 0.000

L19.Temp -0.019654 NAN NAN NAN

L19.Precip. horaria -0.001262 NAN NAN NAN

L19.Temp. prom aire 0.062075 0.000000 24515120.452 0.000

L20.Conduct 0.107452 NAN NAN NAN

L20.Water 0.047758 NAN NAN NAN

L20.Temp -0.027343 NAN NAN NAN

L20.Precip. horaria 0.000034 NAN NAN NAN

L20.Temp. prom aire -0.040330 0.000000 -30658294.640 0.000

L21.Conduct 0.077287 NAN NAN NAN

L21.Water 0.036408 0.000000 9406221.452 0.000

L21.Temp -0.019551 0.000000 -10575448.260 0.000

L21.Precip. horaria 0.000584 0.000000 2359.705 0.000

L21.Temp. prom aire 0.007552 0.000000 6613327.787 0.000

L22.Conduct 0.023504 0.000000 2277478.323 0.000

L22.Water 0.013055 0.000000 3284963.230 0.000

L22.Temp -0.002987 NAN NAN NAN

L22.Precip. horaria 0.000824 NAN NAN NAN

L22.Temp. prom aire -0.011420 NAN NAN NAN

L23.Conduct -0.000165 0.000000 -37094.443 0.000

L23.Water 0.000374 NAN NAN NAN

L23.Temp -0.014629 0.000000 -9429122.321 0.000

L23.Precip. horaria 0.000322 0.000001 324.157 0.000

L23.Temp. prom aire 0.016095 0.000000 4936143.425 0.000

L24.Conduct 0.004487 0.000000 455766.699 0.000

L24.Water 0.001273 0.000000 239293.786 0.000

L24.Temp -0.002276 NAN NAN NAN

L24.Precip. horaria -0.000038 NAN NAN NAN

L24.Temp. prom aire -0.007017 NAN NAN NAN

L25.Conduct 0.008028 0.000000 873688.518 0.000

L25.Water 0.002010 NAN NAN NAN

L25.Temp -0.001188 0.000000 -689361.984 0.000

L25.Precip. horaria 0.000027 0.000022 1.211 0.226

L25.Temp. prom aire 0.006691 NAN NAN NAN

L26.Conduct 0.014135 NAN NAN NAN

L26.Water 0.004869 0.000000 628437.070 0.000

L26.Temp 0.001581 0.000000 2253482.085 0.000

L26.Precip. horaria -0.000011 NAN NAN NAN

L26.Temp. prom aire 0.014588 NAN NAN NAN

L27.Conduct 0.004504 NAN NAN NAN

L27.Water 0.001214 0.000000 325946.335 0.000

L27.Temp -0.021059 0.000000 -62230520.351 0.000

L27.Precip. horaria 0.000009 0.000057 0.159 0.874

L27.Temp. prom aire -0.020236 NAN NAN NAN

L28.Conduct 0.003791 0.000000 767450.329 0.000

L28.Water -0.000097 NAN NAN NAN

L28.Temp 0.025006 NAN NAN NAN

L28.Precip. horaria -0.000010 NAN NAN NAN

L28.Temp. prom aire 0.012428 0.000000 13886241.628 0.000

L29.Conduct 0.004994 NAN NAN NAN

L29.Water -0.002342 NAN NAN NAN

L29.Temp -0.013977 NAN NAN NAN

L29.Precip. horaria 0.000002 NAN NAN NAN

L29.Temp. prom aire -0.003072 0.000000 -810892.829 0.000

L30.Conduct 0.004544 NAN NAN NAN

L30.Water -0.017938 0.000000 -3207747.663 0.000

L30.Temp 0.002396 NAN NAN NAN

L30.Precip. horaria -0.000011 NAN NAN NAN

L30.Temp. prom aire -0.017311 NAN NAN NAN

L31.Conduct 0.013257 NAN NAN NAN

L31.Water -0.007985 0.000000 -1679315.016 0.000

L31.Temp 0.018761 0.000000 9163989.540 0.000

L31.Precip. horaria -0.000002 0.000076 -0.024 0.981

L31.Temp. prom aire 0.044472 0.000000 12194752.921 0.000

L32.Conduct 0.007132 0.000000 5460841.999 0.000

L32.Water -0.005283 NAN NAN NAN

L32.Temp -0.008700 0.000000 -4851068.217 0.000

L32.Precip. horaria 0.000004 0.000115 0.035 0.972

L32.Temp. prom aire 0.005600 0.000000 1986822.307 0.000

L33.Conduct 0.005863 NAN NAN NAN

L33.Water 0.006886 0.000000 1840538.208 0.000

L33.Temp 0.001425 0.000000 609105.398 0.000

L33.Precip. horaria 0.000014 0.000114 0.122 0.903

L33.Temp. prom aire 0.008146 0.000000 2769480.280 0.000

L34.Conduct -0.002153 NAN NAN NAN

L34.Water 0.000636 0.000000 214585.413 0.000

L34.Temp 0.003279 NAN NAN NAN

L34.Precip. horaria -0.000158 0.000010 -16.527 0.000

L34.Temp. prom aire -0.005239 NAN NAN NAN

L35.Conduct 0.004307 NAN NAN NAN

L35.Water 0.027071 0.000000 5702677.471 0.000

L35.Temp -0.007334 0.000000 -2182653.019 0.000

L35.Precip. horaria 0.000062 0.000017 3.588 0.000

L35.Temp. prom aire -0.010584 NAN NAN NAN

L36.Conduct 0.003828 NAN NAN NAN

L36.Water -0.006003 NAN NAN NAN

L36.Temp 0.021369 0.000000 7957063.842 0.000

L36.Precip. horaria 0.000051 NAN NAN NAN

L36.Temp. prom aire -0.006275 0.000000 -1666588.712 0.000

L37.Conduct 0.002049 NAN NAN NAN

L37.Water 0.020095 0.000000 5706870.699 0.000

L37.Temp -0.009386 0.000000 -3150410.683 0.000

L37.Precip. horaria -0.000028 NAN NAN NAN

L37.Temp. prom aire 0.004318 NAN NAN NAN

L38.Conduct -0.005509 NAN NAN NAN

L38.Water 0.002868 0.000000 1071597.985 0.000

L38.Temp 0.009023 NAN NAN NAN

L38.Precip. horaria -0.000129 NAN NAN NAN

L38.Temp. prom aire 0.004149 0.000000 735447.513 0.000

L39.Conduct -0.024279 NAN NAN NAN

L39.Water 0.014423 NAN NAN NAN

L39.Temp -0.007864 NAN NAN NAN

L39.Precip. horaria -0.000175 0.000004 -39.230 0.000

L39.Temp. prom aire -0.006460 0.000000 -2889513.423 0.000

L40.Conduct -0.028614 NAN NAN NAN

L40.Water 0.003710 0.000000 1586641.400 0.000

L40.Temp 0.026406 NAN NAN NAN

L40.Precip. horaria 0.000000 0.000004 0.046 0.963

L40.Temp. prom aire 0.011297 0.000000 2127452.616 0.000

L41.Conduct -0.024433 0.000000 -7365372.766 0.000

L41.Water 0.005712 NAN NAN NAN

L41.Temp 0.019048 0.000000 6623645.019 0.000

L41.Precip. horaria 0.000520 0.000003 158.522 0.000

L41.Temp. prom aire 0.006326 0.000000 3226347.304 0.000

L42.Conduct -0.011856 NAN NAN NAN

L42.Water 0.002147 0.000000 1177534.982 0.000

L42.Temp 0.028547 NAN NAN NAN

L42.Precip. horaria -0.000500 NAN NAN NAN

L42.Temp. prom aire 0.023037 0.000000 3970000.686 0.000

L43.Conduct -0.000268 0.000000 -129201.436 0.000

L43.Water 0.011319 0.000000 5594469.726 0.000

L43.Temp 0.036946 NAN NAN NAN

L43.Precip. horaria -0.000770 0.000002 -478.625 0.000

L43.Temp. prom aire 0.022197 0.000000 10617962.390 0.000

L44.Conduct 0.002022 NAN NAN NAN

L44.Water 0.019174 NAN NAN NAN

L44.Temp 0.014608 NAN NAN NAN

L44.Precip. horaria 0.000626 0.000001 811.896 0.000

L44.Temp. prom aire 0.023137 NAN NAN NAN

L45.Conduct 0.002027 0.000000 1612948.642 0.000

L45.Water 0.034233 NAN NAN NAN

L45.Temp 0.021377 NAN NAN NAN

L45.Precip. horaria 0.000220 0.000002 110.497 0.000

L45.Temp. prom aire -0.003075 0.000000 -1974945.247 0.000

L46.Conduct 0.003917 0.000000 1326410.960 0.000

L46.Water 0.019867 NAN NAN NAN

L46.Temp 0.014086 NAN NAN NAN

L46.Precip. horaria 0.001183 NAN NAN NAN

L46.Temp. prom aire 0.004950 NAN NAN NAN

L47.Conduct -0.020025 0.000000 -8263159.130 0.000

L47.Water -0.028346 NAN NAN NAN

L47.Temp 0.031806 NAN NAN NAN

L47.Precip. horaria 0.000527 0.000001 930.038 0.000

L47.Temp. prom aire -0.002702 NAN NAN NAN

L48.Conduct -0.019952 0.000000 -6673231.767 0.000

L48.Water -0.013184 NAN NAN NAN

L48.Temp 0.034440 NAN NAN NAN

L48.Precip. horaria -0.001234 0.000000 -6022.425 0.000

L48.Temp. prom aire 0.031642 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000002 NAN NAN NAN

L1.Conduct -0.001034 NAN NAN NAN

L1.Water -0.002159 NAN NAN NAN

L1.Temp -0.003079 0.000000 -31785569.546 0.000

L1.Precip. horaria -0.000205 0.000000 -46032.719 0.000

L1.Temp. prom aire -0.003272 0.000000 -29308430.680 0.000

L2.Conduct 0.000057 NAN NAN NAN

L2.Water 0.001884 0.000000 35310716.672 0.000

L2.Temp 0.001702 NAN NAN NAN

L2.Precip. horaria -0.000070 NAN NAN NAN

L2.Temp. prom aire 0.001575 0.000000 13943440.784 0.000

L3.Conduct 0.000043 0.000000 424048.006 0.000

L3.Water -0.000001 0.000000 -7013.969 0.000

L3.Temp 0.000058 NAN NAN NAN

L3.Precip. horaria -0.000133 0.000000 -38617.675 0.000

L3.Temp. prom aire 0.001686 0.000000 20416871.777 0.000

L4.Conduct 0.000289 0.000000 5157960.043 0.000

L4.Water 0.002967 0.000000 49964562.468 0.000

L4.Temp -0.000073 NAN NAN NAN

L4.Precip. horaria 0.000114 NAN NAN NAN

L4.Temp. prom aire -0.000778 0.000000 -6814865.229 0.000

L5.Conduct -0.000680 0.000000 -24332643.887 0.000

L5.Water -0.004431 0.000000 -80832898.460 0.000

L5.Temp -0.000630 NAN NAN NAN

L5.Precip. horaria -0.000037 NAN NAN NAN

L5.Temp. prom aire -0.001435 NAN NAN NAN

L6.Conduct -0.001646 0.000000 -159244637.467 0.000

L6.Water -0.001099 NAN NAN NAN

L6.Temp 0.000281 NAN NAN NAN

L6.Precip. horaria -0.000035 0.000000 -3312.380 0.000

L6.Temp. prom aire 0.001148 0.000000 15914069.525 0.000

L7.Conduct 0.008199 0.000000 59601595.170 0.000

L7.Water 0.005138 0.000000 80130688.495 0.000

L7.Temp -0.001209 NAN NAN NAN

L7.Precip. horaria -0.000199 0.000000 -8708.455 0.000

L7.Temp. prom aire -0.001870 0.000000 -26160688.954 0.000

L8.Conduct -0.005366 0.000000 -50509872.922 0.000

L8.Water -0.001302 0.000000 -20352861.287 0.000

L8.Temp 0.001348 NAN NAN NAN

L8.Precip. horaria 0.000316 0.000000 58937.298 0.000

L8.Temp. prom aire 0.002094 0.000000 40117181.751 0.000

L9.Conduct -0.001373 NAN NAN NAN

L9.Water -0.003085 0.000000 -30225014.353 0.000

L9.Temp 0.000397 NAN NAN NAN

L9.Precip. horaria 0.000068 0.000000 4026.738 0.000

L9.Temp. prom aire 0.000787 0.000000 6438678.937 0.000

L10.Conduct -0.000037 NAN NAN NAN

L10.Water -0.001055 0.000000 -12586452.709 0.000

L10.Temp -0.002922 NAN NAN NAN

L10.Precip. horaria -0.000237 NAN NAN NAN

L10.Temp. prom aire -0.003218 0.000000 -32653739.006 0.000

L11.Conduct 0.001511 NAN NAN NAN

L11.Water 0.002948 0.000000 65761469.028 0.000

L11.Temp 0.001362 NAN NAN NAN

L11.Precip. horaria 0.000131 NAN NAN NAN

L11.Temp. prom aire 0.000732 NAN NAN NAN

L12.Conduct -0.003625 NAN NAN NAN

L12.Water 0.000518 NAN NAN NAN

L12.Temp -0.000064 NAN NAN NAN

L12.Precip. horaria 0.000022 NAN NAN NAN

L12.Temp. prom aire -0.000319 NAN NAN NAN

L13.Conduct -0.000995 0.000000 -6387781.048 0.000

L13.Water 0.000633 0.000000 8111625.844 0.000

L13.Temp 0.001300 0.000000 37691770.871 0.000

L13.Precip. horaria -0.000058 0.000000 -3375.927 0.000

L13.Temp. prom aire 0.000913 NAN NAN NAN

L14.Conduct 0.002982 NAN NAN NAN

L14.Water -0.002798 0.000000 -28638671.554 0.000

L14.Temp 0.000557 0.000000 12242730.892 0.000

L14.Precip. horaria -0.000111 0.000000 -5337.684 0.000

L14.Temp. prom aire 0.002111 NAN NAN NAN

L15.Conduct 0.007828 NAN NAN NAN

L15.Water 0.003939 0.000000 35631899.447 0.000

L15.Temp -0.002617 NAN NAN NAN

L15.Precip. horaria -0.000008 0.000000 -4587.667 0.000

L15.Temp. prom aire -0.000833 NAN NAN NAN

L16.Conduct 0.004147 NAN NAN NAN

L16.Water 0.001028 0.000000 5250059.711 0.000

L16.Temp -0.001147 NAN NAN NAN

L16.Precip. horaria 0.000062 0.000000 1331.678 0.000

L16.Temp. prom aire -0.003464 NAN NAN NAN

L17.Conduct -0.008711 0.000000 -77422393.947 0.000

L17.Water -0.003991 0.000000 -45396550.116 0.000

L17.Temp 0.001408 NAN NAN NAN

L17.Precip. horaria 0.000196 NAN NAN NAN

L17.Temp. prom aire 0.003483 0.000000 40701560.324 0.000

L18.Conduct -0.000423 0.000000 -4306792.121 0.000

L18.Water -0.000137 NAN NAN NAN

L18.Temp 0.000085 0.000000 11918293.825 0.000

L18.Precip. horaria -0.000181 0.000000 -13172.918 0.000

L18.Temp. prom aire -0.002349 NAN NAN NAN

L19.Conduct -0.002294 0.000000 -11091130.226 0.000

L19.Water -0.001013 0.000000 -4021155.723 0.000

L19.Temp -0.000340 NAN NAN NAN

L19.Precip. horaria 0.000057 NAN NAN NAN

L19.Temp. prom aire 0.004146 0.000000 70544337.852 0.000

L20.Conduct -0.000437 NAN NAN NAN

L20.Water -0.000169 NAN NAN NAN

L20.Temp 0.000995 NAN NAN NAN

L20.Precip. horaria -0.000038 NAN NAN NAN

L20.Temp. prom aire -0.005528 0.000000 -181038694.561 0.000

L21.Conduct -0.000114 NAN NAN NAN

L21.Water 0.000054 0.000000 598553.760 0.000

L21.Temp 0.000836 0.000000 19486201.032 0.000

L21.Precip. horaria 0.000001 0.000000 133.979 0.000

L21.Temp. prom aire 0.003082 0.000000 116269975.988 0.000

L22.Conduct -0.000087 0.000000 -362628.845 0.000

L22.Water -0.000056 0.000000 -611266.610 0.000

L22.Temp -0.000219 NAN NAN NAN

L22.Precip. horaria 0.000002 NAN NAN NAN

L22.Temp. prom aire 0.000352 NAN NAN NAN

L23.Conduct 0.000082 0.000000 791679.101 0.000

L23.Water 0.000011 NAN NAN NAN

L23.Temp 0.000052 0.000000 1445371.631 0.000

L23.Precip. horaria -0.000003 0.000000 -128.465 0.000

L23.Temp. prom aire 0.000399 0.000000 5266656.666 0.000

L24.Conduct 0.000167 0.000000 731769.929 0.000

L24.Water 0.000140 0.000000 1136222.990 0.000

L24.Temp 0.001246 NAN NAN NAN

L24.Precip. horaria -0.000002 NAN NAN NAN

L24.Temp. prom aire -0.001756 NAN NAN NAN

L25.Conduct -0.000383 0.000000 -1797693.731 0.000

L25.Water -0.000118 NAN NAN NAN

L25.Temp -0.000806 0.000000 -20144156.132 0.000

L25.Precip. horaria 0.000004 0.000001 7.205 0.000

L25.Temp. prom aire 0.000254 NAN NAN NAN

L26.Conduct -0.000205 NAN NAN NAN

L26.Water -0.000057 0.000000 -314752.061 0.000

L26.Temp 0.000094 0.000000 5793935.566 0.000

L26.Precip. horaria -0.000002 NAN NAN NAN

L26.Temp. prom aire 0.001107 NAN NAN NAN

L27.Conduct -0.000470 NAN NAN NAN

L27.Water -0.000112 0.000000 -1292417.112 0.000

L27.Temp 0.000656 0.000000 83468609.199 0.000

L27.Precip. horaria -0.000000 0.000001 -0.218 0.827

L27.Temp. prom aire 0.000687 NAN NAN NAN

L28.Conduct 0.000125 0.000000 1091946.005 0.000

L28.Water 0.000078 NAN NAN NAN

L28.Temp 0.001193 NAN NAN NAN

L28.Precip. horaria 0.000000 NAN NAN NAN

L28.Temp. prom aire 0.002789 0.000000 134268343.168 0.000

L29.Conduct 0.000147 NAN NAN NAN

L29.Water 0.000052 NAN NAN NAN

L29.Temp -0.000995 NAN NAN NAN

L29.Precip. horaria 0.000001 NAN NAN NAN

L29.Temp. prom aire -0.005158 0.000000 -58651257.913 0.000

L30.Conduct -0.000150 NAN NAN NAN

L30.Water -0.000052 0.000000 -398618.431 0.000

L30.Temp 0.000928 NAN NAN NAN

L30.Precip. horaria -0.000001 NAN NAN NAN

L30.Temp. prom aire 0.001866 NAN NAN NAN

L31.Conduct 0.000599 NAN NAN NAN

L31.Water 0.000637 0.000000 5767595.747 0.000

L31.Temp 0.001464 0.000000 30813113.241 0.000

L31.Precip. horaria -0.000001 0.000002 -0.751 0.453

L31.Temp. prom aire 0.000687 0.000000 8113953.811 0.000

L32.Conduct 0.000071 0.000000 2338375.203 0.000

L32.Water -0.000153 NAN NAN NAN

L32.Temp -0.001868 0.000000 -44867196.073 0.000

L32.Precip. horaria -0.000000 0.000003 -0.041 0.967

L32.Temp. prom aire -0.000056 0.000000 -858958.193 0.000

L33.Conduct -0.000060 NAN NAN NAN

L33.Water 0.000318 0.000000 3665672.276 0.000

L33.Temp -0.000526 0.000000 -9682121.459 0.000

L33.Precip. horaria 0.000001 0.000003 0.407 0.684

L33.Temp. prom aire -0.000815 0.000000 -11941546.120 0.000

L34.Conduct -0.001003 NAN NAN NAN

L34.Water -0.000912 0.000000 -13253965.915 0.000

L34.Temp 0.000670 NAN NAN NAN

L34.Precip. horaria 0.000002 0.000000 7.536 0.000

L34.Temp. prom aire -0.000607 NAN NAN NAN

L35.Conduct -0.000694 NAN NAN NAN

L35.Water 0.000226 0.000000 2049018.630 0.000

L35.Temp 0.001024 0.000000 13125898.809 0.000

L35.Precip. horaria 0.000002 0.000000 5.015 0.000

L35.Temp. prom aire 0.000750 NAN NAN NAN

L36.Conduct -0.000656 NAN NAN NAN

L36.Water -0.001908 NAN NAN NAN

L36.Temp 0.001535 0.000000 24629477.333 0.000

L36.Precip. horaria -0.000005 NAN NAN NAN

L36.Temp. prom aire 0.000956 0.000000 10942180.539 0.000

L37.Conduct 0.000591 NAN NAN NAN

L37.Water 0.001602 0.000000 19596659.753 0.000

L37.Temp -0.000908 0.000000 -13127525.735 0.000

L37.Precip. horaria 0.000004 NAN NAN NAN

L37.Temp. prom aire 0.001577 NAN NAN NAN

L38.Conduct 0.000629 NAN NAN NAN

L38.Water -0.000452 0.000000 -7274311.180 0.000

L38.Temp -0.000095 NAN NAN NAN

L38.Precip. horaria -0.000005 NAN NAN NAN

L38.Temp. prom aire -0.001613 0.000000 -12315115.573 0.000

L39.Conduct 0.000715 NAN NAN NAN

L39.Water 0.000465 NAN NAN NAN

L39.Temp 0.001328 NAN NAN NAN

L39.Precip. horaria 0.000003 0.000000 33.455 0.000

L39.Temp. prom aire 0.000856 0.000000 16496554.700 0.000

L40.Conduct 0.000837 NAN NAN NAN

L40.Water 0.000452 0.000000 8325530.464 0.000

L40.Temp -0.000334 NAN NAN NAN

L40.Precip. horaria -0.000004 0.000000 -54.401 0.000

L40.Temp. prom aire 0.001143 0.000000 9272773.093 0.000

L41.Conduct -0.000269 0.000000 -3489774.396 0.000

L41.Water 0.000602 NAN NAN NAN

L41.Temp -0.002064 0.000000 -30924283.836 0.000

L41.Precip. horaria 0.000016 0.000000 203.664 0.000

L41.Temp. prom aire -0.003180 0.000000 -69877881.429 0.000

L42.Conduct -0.000279 NAN NAN NAN

L42.Water -0.000464 0.000000 -10971213.202 0.000

L42.Temp 0.001577 NAN NAN NAN

L42.Precip. horaria -0.000010 NAN NAN NAN

L42.Temp. prom aire 0.001421 0.000000 10552183.662 0.000

L43.Conduct -0.000348 0.000000 -7242114.121 0.000

L43.Water -0.001336 0.000000 -28444636.400 0.000

L43.Temp -0.000242 NAN NAN NAN

L43.Precip. horaria -0.000019 0.000000 -510.401 0.000

L43.Temp. prom aire -0.000011 0.000000 -228271.912 0.000

L44.Conduct 0.000811 NAN NAN NAN

L44.Water -0.000530 NAN NAN NAN

L44.Temp 0.000228 NAN NAN NAN

L44.Precip. horaria 0.000032 0.000000 1813.528 0.000

L44.Temp. prom aire 0.000337 NAN NAN NAN

L45.Conduct 0.000010 0.000000 346458.718 0.000

L45.Water -0.000875 NAN NAN NAN

L45.Temp 0.001123 NAN NAN NAN

L45.Precip. horaria -0.000024 0.000000 -509.492 0.000

L45.Temp. prom aire -0.000457 0.000000 -12640869.305 0.000

L46.Conduct 0.000261 0.000000 3807290.519 0.000

L46.Water 0.000980 NAN NAN NAN

L46.Temp -0.001953 NAN NAN NAN

L46.Precip. horaria 0.000046 NAN NAN NAN

L46.Temp. prom aire 0.000681 NAN NAN NAN

L47.Conduct -0.000288 0.000000 -5121007.030 0.000

L47.Water -0.000841 NAN NAN NAN

L47.Temp 0.000802 NAN NAN NAN

L47.Precip. horaria -0.000066 0.000000 -4981.423 0.000

L47.Temp. prom aire 0.000306 NAN NAN NAN

L48.Conduct 0.000471 0.000000 6782583.790 0.000

L48.Water 0.002228 NAN NAN NAN

L48.Temp -0.002183 NAN NAN NAN

L48.Precip. horaria -0.000075 0.000000 -15846.558 0.000

L48.Temp. prom aire 0.000291 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000243 NAN NAN NAN

L1.Conduct 0.096641 NAN NAN NAN

L1.Water 0.016256 NAN NAN NAN

L1.Temp -0.051198 0.000000 -21587354.667 0.000

L1.Precip. horaria -0.003593 0.000000 -32891.041 0.000

L1.Temp. prom aire -0.055783 0.000000 -20409837.916 0.000

L2.Conduct 0.032922 NAN NAN NAN

L2.Water 0.007941 0.000000 6080836.498 0.000

L2.Temp 0.013800 NAN NAN NAN

L2.Precip. horaria 0.002181 NAN NAN NAN

L2.Temp. prom aire 0.015162 0.000000 5484214.684 0.000

L3.Conduct -0.036785 0.000000 -14892123.803 0.000

L3.Water -0.048693 0.000000 -27534415.218 0.000

L3.Temp -0.007669 NAN NAN NAN

L3.Precip. horaria 0.000292 0.000000 3462.471 0.000

L3.Temp. prom aire -0.026275 0.000000 -12995161.556 0.000

L4.Conduct -0.023935 0.000000 -17463216.522 0.000

L4.Water 0.043886 0.000000 30192611.882 0.000

L4.Temp 0.016997 NAN NAN NAN

L4.Precip. horaria 0.001027 NAN NAN NAN

L4.Temp. prom aire 0.018637 0.000000 6669711.207 0.000

L5.Conduct -0.023197 0.000000 -33894475.223 0.000

L5.Water -0.021390 0.000000 -15941764.251 0.000

L5.Temp 0.005378 NAN NAN NAN

L5.Precip. horaria -0.002018 NAN NAN NAN

L5.Temp. prom aire -0.020644 NAN NAN NAN

L6.Conduct -0.069910 0.000000 -276259347.145 0.000

L6.Water -0.024382 NAN NAN NAN

L6.Temp 0.041200 NAN NAN NAN

L6.Precip. horaria 0.002723 0.000000 10384.566 0.000

L6.Temp. prom aire 0.070649 0.000000 39994682.515 0.000

L7.Conduct 0.100482 0.000000 29836914.686 0.000

L7.Water 0.025773 0.000000 16418729.403 0.000

L7.Temp -0.035054 NAN NAN NAN

L7.Precip. horaria -0.004054 0.000001 -7241.520 0.000

L7.Temp. prom aire -0.057560 0.000000 -32895698.872 0.000

L8.Conduct -0.012631 0.000000 -4856845.841 0.000

L8.Water 0.009751 0.000000 6227347.975 0.000

L8.Temp 0.025222 NAN NAN NAN

L8.Precip. horaria 0.004014 0.000000 30553.973 0.000

L8.Temp. prom aire 0.039917 0.000000 31233855.038 0.000

L9.Conduct -0.008743 NAN NAN NAN

L9.Water 0.003955 0.000000 1582734.331 0.000

L9.Temp -0.006734 NAN NAN NAN

L9.Precip. horaria -0.001398 0.000000 -3400.398 0.000

L9.Temp. prom aire -0.026310 0.000000 -8797230.300 0.000

L10.Conduct -0.045510 NAN NAN NAN

L10.Water 0.008217 0.000000 4003784.604 0.000

L10.Temp 0.029708 NAN NAN NAN

L10.Precip. horaria 0.000676 NAN NAN NAN

L10.Temp. prom aire 0.026226 0.000000 10870566.903 0.000

L11.Conduct 0.005174 NAN NAN NAN

L11.Water -0.003650 0.000000 -3326210.419 0.000

L11.Temp 0.008091 NAN NAN NAN

L11.Precip. horaria -0.001719 NAN NAN NAN

L11.Temp. prom aire -0.004526 NAN NAN NAN

L12.Conduct 0.024754 NAN NAN NAN

L12.Water 0.016859 NAN NAN NAN

L12.Temp 0.015728 NAN NAN NAN

L12.Precip. horaria 0.001401 NAN NAN NAN

L12.Temp. prom aire 0.020435 NAN NAN NAN

L13.Conduct 0.048862 0.000000 12814963.690 0.000

L13.Water 0.011320 0.000000 5921675.480 0.000

L13.Temp -0.028926 0.000000 -34253234.053 0.000

L13.Precip. horaria -0.001406 0.000000 -3364.764 0.000

L13.Temp. prom aire -0.000680 NAN NAN NAN

L14.Conduct -0.018458 NAN NAN NAN

L14.Water 0.004968 0.000000 2076966.867 0.000

L14.Temp 0.022215 0.000000 19932601.164 0.000

L14.Precip. horaria 0.001491 0.000001 2918.496 0.000

L14.Temp. prom aire 0.008505 NAN NAN NAN

L15.Conduct 0.001803 NAN NAN NAN

L15.Water 0.011730 0.000000 4334601.747 0.000

L15.Temp 0.007244 NAN NAN NAN

L15.Precip. horaria -0.000210 0.000000 -4802.480 0.000

L15.Temp. prom aire -0.006846 NAN NAN NAN

L16.Conduct -0.021866 NAN NAN NAN

L16.Water 0.008378 0.000000 1747259.514 0.000

L16.Temp 0.007776 NAN NAN NAN

L16.Precip. horaria 0.000478 0.000001 420.294 0.000

L16.Temp. prom aire -0.006950 NAN NAN NAN

L17.Conduct 0.004351 0.000000 1579860.243 0.000

L17.Water -0.005574 0.000000 -2589797.401 0.000

L17.Temp -0.004762 NAN NAN NAN

L17.Precip. horaria -0.000724 NAN NAN NAN

L17.Temp. prom aire 0.005440 0.000000 2597037.168 0.000

L18.Conduct 0.020956 0.000000 8724977.538 0.000

L18.Water 0.018279 NAN NAN NAN

L18.Temp 0.021129 0.000000 120595122.523 0.000

L18.Precip. horaria 0.000044 0.000000 130.310 0.000

L18.Temp. prom aire -0.024967 NAN NAN NAN

L19.Conduct 0.042378 0.000000 8370832.329 0.000

L19.Water 0.029364 0.000000 4760017.644 0.000

L19.Temp -0.027384 NAN NAN NAN

L19.Precip. horaria -0.000245 NAN NAN NAN

L19.Temp. prom aire 0.063078 0.000000 43841387.129 0.000

L20.Conduct -0.017813 NAN NAN NAN

L20.Water -0.006736 NAN NAN NAN

L20.Temp 0.004284 NAN NAN NAN

L20.Precip. horaria 0.000926 NAN NAN NAN

L20.Temp. prom aire -0.043745 0.000000 -58523988.872 0.000

L21.Conduct 0.001453 NAN NAN NAN

L21.Water 0.004423 0.000000 2011092.748 0.000

L21.Temp 0.010380 0.000000 9881532.124 0.000

L21.Precip. horaria -0.000621 0.000000 -4413.774 0.000

L21.Temp. prom aire 0.014531 0.000000 22395624.080 0.000

L22.Conduct 0.016999 0.000000 2898846.869 0.000

L22.Water 0.011287 0.000000 4998536.405 0.000

L22.Temp 0.022108 NAN NAN NAN

L22.Precip. horaria -0.000048 NAN NAN NAN

L22.Temp. prom aire -0.002314 NAN NAN NAN

L23.Conduct 0.005412 0.000000 2139340.329 0.000

L23.Water 0.001030 NAN NAN NAN

L23.Temp -0.017799 0.000000 -20189999.724 0.000

L23.Precip. horaria 0.000391 0.000001 692.218 0.000

L23.Temp. prom aire 0.022530 0.000000 12160098.683 0.000

L24.Conduct 0.010591 0.000000 1893316.736 0.000

L24.Water 0.002671 0.000000 883332.751 0.000

L24.Temp 0.014080 NAN NAN NAN

L24.Precip. horaria -0.000050 NAN NAN NAN

L24.Temp. prom aire -0.009893 NAN NAN NAN

L25.Conduct 0.011714 0.000000 2243482.977 0.000

L25.Water 0.003481 NAN NAN NAN

L25.Temp 0.010795 0.000000 11019497.868 0.000

L25.Precip. horaria 0.000043 0.000013 3.408 0.001

L25.Temp. prom aire 0.038725 NAN NAN NAN

L26.Conduct 0.010391 NAN NAN NAN

L26.Water 0.004290 0.000000 974484.981 0.000

L26.Temp -0.002538 0.000000 -6366977.230 0.000

L26.Precip. horaria -0.000012 NAN NAN NAN

L26.Temp. prom aire -0.013876 NAN NAN NAN

L27.Conduct -0.004394 NAN NAN NAN

L27.Water -0.001602 0.000000 -756610.132 0.000

L27.Temp -0.017714 0.000000 -92124634.149 0.000

L27.Precip. horaria 0.000013 0.000032 0.398 0.690

L27.Temp. prom aire -0.022496 NAN NAN NAN

L28.Conduct -0.002110 0.000000 -751818.721 0.000

L28.Water -0.002799 NAN NAN NAN

L28.Temp 0.043374 NAN NAN NAN

L28.Precip. horaria -0.000021 NAN NAN NAN

L28.Temp. prom aire 0.011877 0.000000 23354001.635 0.000

L29.Conduct 0.004735 NAN NAN NAN

L29.Water -0.002579 NAN NAN NAN

L29.Temp -0.022180 NAN NAN NAN

L29.Precip. horaria 0.000002 NAN NAN NAN

L29.Temp. prom aire 0.020039 0.000000 9307804.434 0.000

L30.Conduct 0.006229 NAN NAN NAN

L30.Water -0.024558 0.000000 -7728610.411 0.000

L30.Temp 0.009842 NAN NAN NAN

L30.Precip. horaria -0.000022 NAN NAN NAN

L30.Temp. prom aire -0.023329 NAN NAN NAN

L31.Conduct 0.012272 NAN NAN NAN

L31.Water 0.003224 0.000000 1193234.164 0.000

L31.Temp 0.017613 0.000000 15141213.234 0.000

L31.Precip. horaria 0.000021 0.000043 0.497 0.619

L31.Temp. prom aire 0.040912 0.000000 19743669.715 0.000

L32.Conduct -0.000110 0.000000 -147858.448 0.000

L32.Water 0.000285 NAN NAN NAN

L32.Temp -0.005940 0.000000 -5829406.582 0.000

L32.Precip. horaria 0.000000 0.000066 0.001 0.999

L32.Temp. prom aire -0.025584 0.000000 -15974794.514 0.000

L33.Conduct -0.004745 NAN NAN NAN

L33.Water 0.010134 0.000000 4767015.140 0.000

L33.Temp -0.005554 0.000000 -4176710.764 0.000

L33.Precip. horaria 0.000020 0.000065 0.317 0.751

L33.Temp. prom aire 0.012260 0.000000 7335610.603 0.000

L34.Conduct -0.005970 NAN NAN NAN

L34.Water 0.000976 0.000000 579655.512 0.000

L34.Temp 0.006125 NAN NAN NAN

L34.Precip. horaria -0.000263 0.000005 -48.437 0.000

L34.Temp. prom aire 0.010583 NAN NAN NAN

L35.Conduct 0.005581 NAN NAN NAN

L35.Water 0.027714 0.000000 10274676.994 0.000

L35.Temp -0.011211 0.000000 -5871483.954 0.000

L35.Precip. horaria 0.000256 0.000010 25.915 0.000

L35.Temp. prom aire -0.017487 NAN NAN NAN

L36.Conduct 0.002792 NAN NAN NAN

L36.Water -0.019495 NAN NAN NAN

L36.Temp 0.036208 0.000000 23727864.081 0.000

L36.Precip. horaria 0.000035 NAN NAN NAN

L36.Temp. prom aire 0.002965 0.000000 1386018.338 0.000

L37.Conduct 0.002672 NAN NAN NAN

L37.Water 0.019925 0.000000 9958765.679 0.000

L37.Temp -0.012782 0.000000 -7550263.483 0.000

L37.Precip. horaria -0.000122 NAN NAN NAN

L37.Temp. prom aire 0.014231 NAN NAN NAN

L38.Conduct -0.001812 NAN NAN NAN

L38.Water 0.001391 0.000000 914876.324 0.000

L38.Temp 0.014567 NAN NAN NAN

L38.Precip. horaria -0.000104 NAN NAN NAN

L38.Temp. prom aire 0.007736 0.000000 2413492.185 0.000

L39.Conduct -0.012916 NAN NAN NAN

L39.Water 0.019511 NAN NAN NAN

L39.Temp -0.009818 NAN NAN NAN

L39.Precip. horaria -0.000331 0.000003 -130.758 0.000

L39.Temp. prom aire 0.000400 0.000000 315117.548 0.000

L40.Conduct -0.005024 NAN NAN NAN

L40.Water -0.000227 0.000000 -170728.231 0.000

L40.Temp 0.013185 NAN NAN NAN

L40.Precip. horaria 0.000400 0.000002 198.209 0.000

L40.Temp. prom aire 0.003044 0.000000 1008843.932 0.000

L41.Conduct -0.000517 0.000000 -274493.650 0.000

L41.Water 0.001876 NAN NAN NAN

L41.Temp 0.007212 0.000000 4413744.035 0.000

L41.Precip. horaria 0.000526 0.000002 281.867 0.000

L41.Temp. prom aire -0.009542 0.000000 -8565214.168 0.000

L42.Conduct 0.006591 NAN NAN NAN

L42.Water -0.005731 0.000000 -5532503.522 0.000

L42.Temp 0.026059 NAN NAN NAN

L42.Precip. horaria -0.001101 NAN NAN NAN

L42.Temp. prom aire 0.021360 0.000000 6478123.291 0.000

L43.Conduct 0.006145 0.000000 5220147.197 0.000

L43.Water 0.015258 0.000000 13272081.823 0.000

L43.Temp 0.013746 NAN NAN NAN

L43.Precip. horaria -0.000506 0.000001 -553.027 0.000

L43.Temp. prom aire 0.014952 0.000000 12587797.463 0.000

L44.Conduct -0.005378 NAN NAN NAN

L44.Water 0.007669 NAN NAN NAN

L44.Temp -0.018510 NAN NAN NAN

L44.Precip. horaria 0.001134 0.000000 2589.657 0.000

L44.Temp. prom aire 0.003606 NAN NAN NAN

L45.Conduct 0.007625 0.000000 10678992.172 0.000

L45.Water 0.040968 NAN NAN NAN

L45.Temp 0.014118 NAN NAN NAN

L45.Precip. horaria 0.000248 0.000001 218.333 0.000

L45.Temp. prom aire -0.018047 0.000000 -20397942.992 0.000

L46.Conduct 0.005079 0.000000 3026869.482 0.000

L46.Water -0.004089 NAN NAN NAN

L46.Temp 0.010908 NAN NAN NAN

L46.Precip. horaria 0.001108 NAN NAN NAN

L46.Temp. prom aire 0.010636 NAN NAN NAN

L47.Conduct -0.019597 0.000000 -14231542.014 0.000

L47.Water -0.038768 NAN NAN NAN

L47.Temp 0.014876 NAN NAN NAN

L47.Precip. horaria 0.000218 0.000000 675.299 0.000

L47.Temp. prom aire -0.010916 NAN NAN NAN

L48.Conduct -0.014011 0.000000 -8247654.737 0.000

L48.Water 0.025576 NAN NAN NAN

L48.Temp 0.021659 NAN NAN NAN

L48.Precip. horaria -0.002263 0.000000 -19428.562 0.000

L48.Temp. prom aire 0.041794 NAN NAN NAN

===============================================================

Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.776774 -0.584619 0.793304 0.461986

Water 0.776774 1.000000 -0.583746 0.449407 0.063316

Temp -0.584619 -0.583746 1.000000 -0.712487 0.254401

Precip. horaria 0.793304 0.449407 -0.712487 1.000000 0.343082

Temp. prom aire 0.461986 0.063316 0.254401 0.343082 1.000000

1. Sensor Sur Alto (A840412AA184396C):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -152.195

Nobs: 23.0000 HQIC: -196.723

Log likelihood: 3476.19 FPE: -9.45768e-138

AIC: -211.685 Det(Omega\_mle): -4.74684e-143

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000723 NAN NAN NAN

L1.Conduct -0.152466 0.000000 -80470703.616 0.000

L1.Water -0.040364 0.000000 -855182.260 0.000

L1.Temp -0.054643 NAN NAN NAN

L1.Precip. horaria -0.009288 NAN NAN NAN

L1.Temp. prom aire -0.103883 0.000000 -1482344.298 0.000

L2.Conduct 0.121581 NAN NAN NAN

L2.Water 0.026809 NAN NAN NAN

L2.Temp 0.100337 NAN NAN NAN

L2.Precip. horaria 0.011508 0.000006 1953.264 0.000

L2.Temp. prom aire 0.228714 0.000000 2449565.426 0.000

L3.Conduct 0.436047 0.000000 230227724.621 0.000

L3.Water -0.018343 0.000000 -2252823.093 0.000

L3.Temp -0.221838 0.000000 -5345176.164 0.000

L3.Precip. horaria -0.013562 0.000000 -30656.941 0.000

L3.Temp. prom aire -0.236855 0.000000 -4337293.394 0.000

L4.Conduct 0.001404 NAN NAN NAN

L4.Water 0.051324 NAN NAN NAN

L4.Temp 0.104898 0.000000 2796620.730 0.000

L4.Precip. horaria 0.016510 NAN NAN NAN

L4.Temp. prom aire 0.077304 NAN NAN NAN

L5.Conduct -0.181227 0.000000 -30267609.263 0.000

L5.Water 0.000440 0.000000 21019.589 0.000

L5.Temp -0.049181 NAN NAN NAN

L5.Precip. horaria -0.007519 0.000007 -1114.674 0.000

L5.Temp. prom aire -0.112305 0.000000 -2291025.170 0.000

L6.Conduct -0.278230 NAN NAN NAN

L6.Water 0.015540 NAN NAN NAN

L6.Temp 0.116165 NAN NAN NAN

L6.Precip. horaria 0.005843 NAN NAN NAN

L6.Temp. prom aire 0.160853 NAN NAN NAN

L7.Conduct 0.166439 NAN NAN NAN

L7.Water -0.010316 NAN NAN NAN

L7.Temp -0.069374 NAN NAN NAN

L7.Precip. horaria -0.008948 0.000010 -927.610 0.000

L7.Temp. prom aire -0.047566 0.000000 -4759916.334 0.000

L8.Conduct 0.260156 NAN NAN NAN

L8.Water 0.023311 NAN NAN NAN

L8.Temp -0.011684 NAN NAN NAN

L8.Precip. horaria 0.004048 0.000013 307.317 0.000

L8.Temp. prom aire 0.076793 0.000000 2117070.090 0.000

L9.Conduct 0.080946 NAN NAN NAN

L9.Water 0.009618 NAN NAN NAN

L9.Temp -0.055575 0.000000 -3285936.943 0.000

L9.Precip. horaria -0.001513 NAN NAN NAN

L9.Temp. prom aire -0.160542 NAN NAN NAN

L10.Conduct -0.113163 0.000000 -85201333.997 0.000

L10.Water 0.024651 0.000000 988238.072 0.000

L10.Temp 0.064966 NAN NAN NAN

L10.Precip. horaria 0.004145 0.000016 260.331 0.000

L10.Temp. prom aire 0.118966 NAN NAN NAN

L11.Conduct -0.048255 NAN NAN NAN

L11.Water 0.008446 0.000000 1801970.694 0.000

L11.Temp 0.025631 0.000000 382898.845 0.000

L11.Precip. horaria -0.002915 0.000001 -2122.247 0.000

L11.Temp. prom aire -0.041163 0.000000 -3821284.530 0.000

L12.Conduct 0.110692 0.000000 46146195.087 0.000

L12.Water 0.011656 NAN NAN NAN

L12.Temp 0.032070 0.000000 2484932.215 0.000

L12.Precip. horaria 0.000796 NAN NAN NAN

L12.Temp. prom aire 0.077102 0.000000 2786258.415 0.000

L13.Conduct 0.264162 0.000000 132751667.508 0.000

L13.Water 0.010124 0.000000 211925.046 0.000

L13.Temp -0.047254 NAN NAN NAN

L13.Precip. horaria -0.002632 NAN NAN NAN

L13.Temp. prom aire 0.044580 NAN NAN NAN

L14.Conduct 0.099108 0.000000 31339511.904 0.000

L14.Water 0.018324 NAN NAN NAN

L14.Temp 0.025700 NAN NAN NAN

L14.Precip. horaria 0.001939 NAN NAN NAN

L14.Temp. prom aire -0.181695 NAN NAN NAN

L15.Conduct -0.050632 0.000000 -17148432.892 0.000

L15.Water 0.013228 0.000000 640235.803 0.000

L15.Temp 0.006739 0.000000 371430.523 0.000

L15.Precip. horaria 0.000865 NAN NAN NAN

L15.Temp. prom aire 0.313248 NAN NAN NAN

L16.Conduct -0.079288 NAN NAN NAN

L16.Water 0.012508 NAN NAN NAN

L16.Temp 0.044924 0.000000 2056045.105 0.000

L16.Precip. horaria 0.000904 0.000013 70.782 0.000

L16.Temp. prom aire -0.251919 0.000000 -10773941.016 0.000

L17.Conduct -0.011965 0.000000 -808977.496 0.000

L17.Water 0.000613 0.000000 12363.607 0.000

L17.Temp 0.050317 NAN NAN NAN

L17.Precip. horaria -0.001616 NAN NAN NAN

L17.Temp. prom aire 0.166241 NAN NAN NAN

L18.Conduct 0.145038 NAN NAN NAN

L18.Water 0.008932 NAN NAN NAN

L18.Temp -0.019197 0.000000 -2083005.796 0.000

L18.Precip. horaria -0.000964 0.000031 -31.472 0.000

L18.Temp. prom aire -0.145960 0.000000 -13355528.543 0.000

L19.Conduct 0.119139 NAN NAN NAN

L19.Water 0.013327 0.000000 473933.025 0.000

L19.Temp 0.000787 NAN NAN NAN

L19.Precip. horaria -0.000067 NAN NAN NAN

L19.Temp. prom aire 0.125106 0.000000 5568132.139 0.000

L20.Conduct -0.113707 NAN NAN NAN

L20.Water 0.004101 0.000000 138286.673 0.000

L20.Temp 0.027431 NAN NAN NAN

L20.Precip. horaria 0.001363 NAN NAN NAN

L20.Temp. prom aire -0.017089 NAN NAN NAN

L21.Conduct -0.258839 0.000000 -55709992.794 0.000

L21.Water -0.005969 NAN NAN NAN

L21.Temp 0.041677 NAN NAN NAN

L21.Precip. horaria 0.000372 0.000017 22.544 0.000

L21.Temp. prom aire 0.046614 NAN NAN NAN

L22.Conduct -0.080560 0.000000 -11730219.711 0.000

L22.Water 0.003951 NAN NAN NAN

L22.Temp 0.050291 NAN NAN NAN

L22.Precip. horaria -0.000351 0.000012 -30.134 0.000

L22.Temp. prom aire 0.007095 NAN NAN NAN

L23.Conduct -0.142409 NAN NAN NAN

L23.Water 0.000229 NAN NAN NAN

L23.Temp -0.008487 0.000000 -456167.956 0.000

L23.Precip. horaria -0.000290 NAN NAN NAN

L23.Temp. prom aire -0.081792 0.000000 -4747448.593 0.000

L24.Conduct 0.148786 NAN NAN NAN

L24.Water 0.017219 0.000000 1206011.329 0.000

L24.Temp 0.120851 NAN NAN NAN

L24.Precip. horaria -0.000128 0.000933 -0.137 0.891

L24.Temp. prom aire 0.117762 NAN NAN NAN

L25.Conduct -0.005834 0.000000 -911591.850 0.000

L25.Water 0.008736 0.000000 279187.919 0.000

L25.Temp -0.025043 0.000000 -1245505.077 0.000

L25.Precip. horaria 0.000042 0.001302 0.032 0.974

L25.Temp. prom aire 0.125648 0.000000 12589845.446 0.000

L26.Conduct -0.016495 NAN NAN NAN

L26.Water 0.008888 0.000000 180840.497 0.000

L26.Temp 0.024494 0.000000 668312.777 0.000

L26.Precip. horaria -0.000011 NAN NAN NAN

L26.Temp. prom aire -0.094244 NAN NAN NAN

L27.Conduct -0.029885 NAN NAN NAN

L27.Water 0.007884 0.000000 324679.959 0.000

L27.Temp 0.060581 NAN NAN NAN

L27.Precip. horaria 0.000070 0.001634 0.043 0.966

L27.Temp. prom aire 0.078100 NAN NAN NAN

L28.Conduct -0.129829 0.000000 -10676058.142 0.000

L28.Water 0.002508 0.000000 214050.280 0.000

L28.Temp 0.013561 0.000000 2015616.513 0.000

L28.Precip. horaria -0.000036 NAN NAN NAN

L28.Temp. prom aire -0.053518 NAN NAN NAN

L29.Conduct -0.018844 NAN NAN NAN

L29.Water 0.007986 NAN NAN NAN

L29.Temp 0.027061 NAN NAN NAN

L29.Precip. horaria -0.000010 NAN NAN NAN

L29.Temp. prom aire 0.048959 0.000000 1056858.541 0.000

L30.Conduct -0.417464 0.000000 -74487228.882 0.000

L30.Water -0.028200 NAN NAN NAN

L30.Temp 0.040854 0.000000 11518563.417 0.000

L30.Precip. horaria -0.000069 NAN NAN NAN

L30.Temp. prom aire 0.028721 0.000000 660223.118 0.000

L31.Conduct 0.408736 0.000000 43040397.351 0.000

L31.Water 0.036471 0.000000 1036327.977 0.000

L31.Temp 0.015673 NAN NAN NAN

L31.Precip. horaria 0.000061 NAN NAN NAN

L31.Temp. prom aire 0.042437 NAN NAN NAN

L32.Conduct -0.469541 0.000000 -127600291.065 0.000

L32.Water -0.062111 0.000000 -1915034.567 0.000

L32.Temp 0.059307 0.000000 4116312.774 0.000

L32.Precip. horaria -0.000032 NAN NAN NAN

L32.Temp. prom aire -0.009880 0.000000 -168463.084 0.000

L33.Conduct 0.488653 0.000000 148592822.550 0.000

L33.Water 0.032241 NAN NAN NAN

L33.Temp -0.022374 NAN NAN NAN

L33.Precip. horaria 0.000047 NAN NAN NAN

L33.Temp. prom aire 0.037147 NAN NAN NAN

L34.Conduct 0.095203 NAN NAN NAN

L34.Water -0.008551 0.000000 -299755.190 0.000

L34.Temp 0.079972 0.000000 4559032.004 0.000

L34.Precip. horaria -0.000585 NAN NAN NAN

L34.Temp. prom aire 0.006649 NAN NAN NAN

L35.Conduct 0.325676 0.000000 136226582.979 0.000

L35.Water 0.034085 0.000000 1209122.502 0.000

L35.Temp -0.053571 NAN NAN NAN

L35.Precip. horaria 0.001167 0.000090 13.038 0.000

L35.Temp. prom aire -0.002911 NAN NAN NAN

L36.Conduct -0.254816 NAN NAN NAN

L36.Water -0.032281 NAN NAN NAN

L36.Temp 0.068614 NAN NAN NAN

L36.Precip. horaria -0.001811 0.000179 -10.115 0.000

L36.Temp. prom aire 0.020683 NAN NAN NAN

L37.Conduct 0.260919 0.000000 47834209.294 0.000

L37.Water 0.060240 NAN NAN NAN

L37.Temp -0.009841 0.000000 -346304.622 0.000

L37.Precip. horaria 0.001422 0.000122 11.628 0.000

L37.Temp. prom aire -0.000608 NAN NAN NAN

L38.Conduct -0.098235 NAN NAN NAN

L38.Water -0.017968 NAN NAN NAN

L38.Temp 0.041598 NAN NAN NAN

L38.Precip. horaria -0.000273 NAN NAN NAN

L38.Temp. prom aire 0.034148 NAN NAN NAN

L39.Conduct 0.226957 0.000000 144811725.979 0.000

L39.Water -0.002688 0.000000 -115522.278 0.000

L39.Temp 0.000539 NAN NAN NAN

L39.Precip. horaria -0.001481 0.000039 -38.380 0.000

L39.Temp. prom aire -0.000381 0.000000 -90363.767 0.000

L40.Conduct 0.219363 0.000000 124064790.709 0.000

L40.Water 0.044833 NAN NAN NAN

L40.Temp 0.033040 0.000000 821419.693 0.000

L40.Precip. horaria 0.002353 NAN NAN NAN

L40.Temp. prom aire 0.076346 NAN NAN NAN

L41.Conduct 0.147168 0.000000 39105373.794 0.000

L41.Water 0.048354 0.000000 3331779.316 0.000

L41.Temp -0.045499 0.000000 -1405269.152 0.000

L41.Precip. horaria -0.003995 0.000006 -710.237 0.000

L41.Temp. prom aire -0.037576 NAN NAN NAN

L42.Conduct 0.084186 0.000000 28848361.282 0.000

L42.Water 0.042230 NAN NAN NAN

L42.Temp 0.033003 0.000000 887755.448 0.000

L42.Precip. horaria 0.002716 0.000025 107.436 0.000

L42.Temp. prom aire 0.004253 0.000000 175054.502 0.000

L43.Conduct -0.010495 NAN NAN NAN

L43.Water -0.041767 NAN NAN NAN

L43.Temp 0.053442 NAN NAN NAN

L43.Precip. horaria 0.000596 0.000006 100.462 0.000

L43.Temp. prom aire -0.019193 0.000000 -394720.497 0.000

L44.Conduct -0.064087 0.000000 -16147123.350 0.000

L44.Water -0.019258 NAN NAN NAN

L44.Temp -0.049613 0.000000 -747508.959 0.000

L44.Precip. horaria -0.003033 0.000012 -246.791 0.000

L44.Temp. prom aire 0.105698 0.000000 2270008.100 0.000

L45.Conduct 0.102505 NAN NAN NAN

L45.Water 0.110127 NAN NAN NAN

L45.Temp 0.058442 NAN NAN NAN

L45.Precip. horaria -0.000150 0.000010 -15.158 0.000

L45.Temp. prom aire -0.044876 NAN NAN NAN

L46.Conduct 0.166829 NAN NAN NAN

L46.Water -0.012635 NAN NAN NAN

L46.Temp -0.122856 NAN NAN NAN

L46.Precip. horaria 0.002489 NAN NAN NAN

L46.Temp. prom aire 0.010473 NAN NAN NAN

L47.Conduct -0.339059 0.000000 -51577410.008 0.000

L47.Water 0.157953 NAN NAN NAN

L47.Temp 0.087046 NAN NAN NAN

L47.Precip. horaria 0.005478 0.000004 1325.949 0.000

L47.Temp. prom aire -0.126548 NAN NAN NAN

L48.Conduct -0.141163 0.000000 -66851078.847 0.000

L48.Water 0.042326 NAN NAN NAN

L48.Temp 0.009465 NAN NAN NAN

L48.Precip. horaria -0.003879 NAN NAN NAN

L48.Temp. prom aire 0.139392 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000075 NAN NAN NAN

L1.Conduct -0.020907 0.000000 -48486104.278 0.000

L1.Water -0.003263 0.000000 -303744.962 0.000

L1.Temp -0.003238 NAN NAN NAN

L1.Precip. horaria -0.000858 NAN NAN NAN

L1.Temp. prom aire -0.007583 0.000000 -475447.015 0.000

L2.Conduct 0.013562 NAN NAN NAN

L2.Water 0.002597 NAN NAN NAN

L2.Temp 0.008957 NAN NAN NAN

L2.Precip. horaria 0.000894 0.000001 666.891 0.000

L2.Temp. prom aire 0.021728 0.000000 1022511.511 0.000

L3.Conduct 0.047651 0.000000 110550280.639 0.000

L3.Water -0.001367 0.000000 -737696.316 0.000

L3.Temp -0.021507 0.000000 -2277041.444 0.000

L3.Precip. horaria -0.001207 0.000000 -11987.149 0.000

L3.Temp. prom aire -0.022233 0.000000 -1788916.403 0.000

L4.Conduct 0.012500 NAN NAN NAN

L4.Water 0.005975 NAN NAN NAN

L4.Temp 0.009017 0.000000 1056358.453 0.000

L4.Precip. horaria 0.001676 NAN NAN NAN

L4.Temp. prom aire 0.005690 NAN NAN NAN

L5.Conduct -0.008714 0.000000 -6394737.572 0.000

L5.Water 0.001106 0.000000 232211.983 0.000

L5.Temp -0.004091 NAN NAN NAN

L5.Precip. horaria -0.000671 0.000002 -437.044 0.000

L5.Temp. prom aire -0.010879 0.000000 -975208.147 0.000

L6.Conduct -0.028373 NAN NAN NAN

L6.Water 0.001561 NAN NAN NAN

L6.Temp 0.012115 NAN NAN NAN

L6.Precip. horaria 0.000471 NAN NAN NAN

L6.Temp. prom aire 0.016584 NAN NAN NAN

L7.Conduct 0.021427 NAN NAN NAN

L7.Water -0.000505 NAN NAN NAN

L7.Temp -0.006327 NAN NAN NAN

L7.Precip. horaria -0.000914 0.000002 -416.319 0.000

L7.Temp. prom aire -0.002851 0.000000 -1253488.051 0.000

L8.Conduct 0.025017 NAN NAN NAN

L8.Water 0.002046 NAN NAN NAN

L8.Temp -0.002249 NAN NAN NAN

L8.Precip. horaria 0.000395 0.000003 131.681 0.000

L8.Temp. prom aire 0.005601 0.000000 678434.417 0.000

L9.Conduct 0.007072 NAN NAN NAN

L9.Water 0.000822 NAN NAN NAN

L9.Temp -0.005842 0.000000 -1517695.808 0.000

L9.Precip. horaria -0.000043 NAN NAN NAN

L9.Temp. prom aire -0.016051 NAN NAN NAN

L10.Conduct -0.010417 0.000000 -34461012.773 0.000

L10.Water 0.002462 0.000000 433629.717 0.000

L10.Temp 0.005781 NAN NAN NAN

L10.Precip. horaria 0.000307 0.000004 84.804 0.000

L10.Temp. prom aire 0.009894 NAN NAN NAN

L11.Conduct 0.000555 NAN NAN NAN

L11.Water 0.001730 0.000000 1622329.691 0.000

L11.Temp 0.004202 0.000000 275840.529 0.000

L11.Precip. horaria -0.000263 0.000000 -839.798 0.000

L11.Temp. prom aire -0.002053 0.000000 -837457.178 0.000

L12.Conduct 0.013678 0.000000 25055311.447 0.000

L12.Water 0.001255 NAN NAN NAN

L12.Temp 0.003280 0.000000 1116704.063 0.000

L12.Precip. horaria 0.000101 NAN NAN NAN

L12.Temp. prom aire 0.009135 0.000000 1450581.978 0.000

L13.Conduct 0.031026 0.000000 68510640.036 0.000

L13.Water 0.000975 0.000000 89705.480 0.000

L13.Temp -0.005520 NAN NAN NAN

L13.Precip. horaria -0.000270 NAN NAN NAN

L13.Temp. prom aire 0.001538 NAN NAN NAN

L14.Conduct 0.006044 0.000000 8397306.618 0.000

L14.Water 0.001035 NAN NAN NAN

L14.Temp 0.001153 NAN NAN NAN

L14.Precip. horaria 0.000151 NAN NAN NAN

L14.Temp. prom aire -0.016669 NAN NAN NAN

L15.Conduct -0.000012 0.000000 -17990.410 0.000

L15.Water 0.001971 0.000000 419082.207 0.000

L15.Temp 0.000621 0.000000 150396.527 0.000

L15.Precip. horaria 0.000131 NAN NAN NAN

L15.Temp. prom aire 0.029704 NAN NAN NAN

L16.Conduct -0.005027 NAN NAN NAN

L16.Water 0.001737 NAN NAN NAN

L16.Temp 0.005469 0.000000 1099738.336 0.000

L16.Precip. horaria 0.000109 0.000003 37.373 0.000

L16.Temp. prom aire -0.023404 0.000000 -4398151.049 0.000

L17.Conduct -0.012975 0.000000 -3854717.814 0.000

L17.Water -0.001125 0.000000 -99725.772 0.000

L17.Temp 0.005850 NAN NAN NAN

L17.Precip. horaria -0.000158 NAN NAN NAN

L17.Temp. prom aire 0.017086 NAN NAN NAN

L18.Conduct 0.016819 NAN NAN NAN

L18.Water 0.000368 NAN NAN NAN

L18.Temp -0.002629 0.000000 -1253566.206 0.000

L18.Precip. horaria -0.000196 0.000007 -28.155 0.000

L18.Temp. prom aire -0.014402 0.000000 -5790225.438 0.000

L19.Conduct 0.017411 NAN NAN NAN

L19.Water 0.001493 0.000000 233274.945 0.000

L19.Temp -0.000511 NAN NAN NAN

L19.Precip. horaria -0.000003 NAN NAN NAN

L19.Temp. prom aire 0.011630 0.000000 2274469.037 0.000

L20.Conduct -0.019978 NAN NAN NAN

L20.Water 0.000025 0.000000 3776.342 0.000

L20.Temp 0.003104 NAN NAN NAN

L20.Precip. horaria 0.000213 NAN NAN NAN

L20.Temp. prom aire -0.001163 NAN NAN NAN

L21.Conduct -0.040370 0.000000 -38179196.968 0.000

L21.Water -0.001416 NAN NAN NAN

L21.Temp 0.004659 NAN NAN NAN

L21.Precip. horaria 0.000062 0.000004 16.419 0.000

L21.Temp. prom aire 0.005498 NAN NAN NAN

L22.Conduct -0.016657 0.000000 -10657251.257 0.000

L22.Water -0.000118 NAN NAN NAN

L22.Temp 0.004542 NAN NAN NAN

L22.Precip. horaria -0.000066 0.000003 -24.972 0.000

L22.Temp. prom aire -0.000264 NAN NAN NAN

L23.Conduct -0.014406 NAN NAN NAN

L23.Water 0.000027 NAN NAN NAN

L23.Temp -0.000129 0.000000 -30582.491 0.000

L23.Precip. horaria -0.000056 NAN NAN NAN

L23.Temp. prom aire -0.008893 0.000000 -2268042.424 0.000

L24.Conduct 0.014194 NAN NAN NAN

L24.Water 0.001714 0.000000 527548.020 0.000

L24.Temp 0.011812 NAN NAN NAN

L24.Precip. horaria -0.000013 0.000212 -0.060 0.952

L24.Temp. prom aire 0.012292 NAN NAN NAN

L25.Conduct -0.000784 0.000000 -538520.657 0.000

L25.Water 0.000901 0.000000 126585.652 0.000

L25.Temp -0.002395 0.000000 -523365.838 0.000

L25.Precip. horaria 0.000004 0.000296 0.012 0.990

L25.Temp. prom aire 0.012434 0.000000 5474275.429 0.000

L26.Conduct -0.000568 NAN NAN NAN

L26.Water 0.000993 0.000000 88745.798 0.000

L26.Temp 0.003257 0.000000 390431.426 0.000

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire -0.007456 NAN NAN NAN

L27.Conduct -0.001333 NAN NAN NAN

L27.Water 0.000920 0.000000 166419.905 0.000

L27.Temp 0.006442 NAN NAN NAN

L27.Precip. horaria 0.000007 0.000372 0.019 0.985

L27.Temp. prom aire 0.006779 NAN NAN NAN

L28.Conduct -0.009706 0.000000 -3507079.331 0.000

L28.Water 0.000463 0.000000 173694.053 0.000

L28.Temp 0.001865 0.000000 1217757.841 0.000

L28.Precip. horaria -0.000003 NAN NAN NAN

L28.Temp. prom aire -0.005385 NAN NAN NAN

L29.Conduct -0.001258 NAN NAN NAN

L29.Water 0.000888 NAN NAN NAN

L29.Temp 0.003089 NAN NAN NAN

L29.Precip. horaria -0.000002 NAN NAN NAN

L29.Temp. prom aire 0.004423 0.000000 419481.664 0.000

L30.Conduct -0.035003 0.000000 -27442943.797 0.000

L30.Water -0.002011 NAN NAN NAN

L30.Temp 0.003902 0.000000 4834604.944 0.000

L30.Precip. horaria -0.000007 NAN NAN NAN

L30.Temp. prom aire 0.004384 0.000000 442831.520 0.000

L31.Conduct 0.036318 0.000000 16804180.509 0.000

L31.Water 0.003553 0.000000 443626.292 0.000

L31.Temp 0.002007 NAN NAN NAN

L31.Precip. horaria 0.000006 NAN NAN NAN

L31.Temp. prom aire 0.004517 NAN NAN NAN

L32.Conduct -0.048303 0.000000 -57678227.079 0.000

L32.Water -0.005719 0.000000 -774797.565 0.000

L32.Temp 0.005891 0.000000 1796467.847 0.000

L32.Precip. horaria -0.000003 NAN NAN NAN

L32.Temp. prom aire -0.001691 0.000000 -126691.245 0.000

L33.Conduct 0.044526 0.000000 59494219.502 0.000

L33.Water 0.003270 NAN NAN NAN

L33.Temp -0.001304 NAN NAN NAN

L33.Precip. horaria 0.000004 NAN NAN NAN

L33.Temp. prom aire 0.002961 NAN NAN NAN

L34.Conduct 0.008745 NAN NAN NAN

L34.Water -0.000855 0.000000 -131723.171 0.000

L34.Temp 0.007922 0.000000 1984444.907 0.000

L34.Precip. horaria -0.000043 NAN NAN NAN

L34.Temp. prom aire 0.001013 NAN NAN NAN

L35.Conduct 0.031415 0.000000 57740322.053 0.000

L35.Water 0.002882 0.000000 449179.827 0.000

L35.Temp -0.004586 NAN NAN NAN

L35.Precip. horaria 0.000096 0.000020 4.727 0.000

L35.Temp. prom aire 0.000943 NAN NAN NAN

L36.Conduct -0.021810 NAN NAN NAN

L36.Water -0.002621 NAN NAN NAN

L36.Temp 0.006602 NAN NAN NAN

L36.Precip. horaria -0.000176 0.000041 -4.309 0.000

L36.Temp. prom aire 0.002480 NAN NAN NAN

L37.Conduct 0.025799 0.000000 20782543.622 0.000

L37.Water 0.006266 NAN NAN NAN

L37.Temp -0.001089 0.000000 -168443.769 0.000

L37.Precip. horaria 0.000145 0.000028 5.213 0.000

L37.Temp. prom aire -0.000016 NAN NAN NAN

L38.Conduct -0.008954 NAN NAN NAN

L38.Water -0.002001 NAN NAN NAN

L38.Temp 0.004155 NAN NAN NAN

L38.Precip. horaria -0.000021 NAN NAN NAN

L38.Temp. prom aire 0.002129 NAN NAN NAN

L39.Conduct 0.022019 0.000000 61734160.869 0.000

L39.Water -0.000930 0.000000 -175671.285 0.000

L39.Temp 0.001218 NAN NAN NAN

L39.Precip. horaria -0.000116 0.000009 -13.162 0.000

L39.Temp. prom aire 0.000663 0.000000 691165.345 0.000

L40.Conduct 0.022454 0.000000 55799333.207 0.000

L40.Water 0.004112 NAN NAN NAN

L40.Temp 0.003054 0.000000 333566.182 0.000

L40.Precip. horaria 0.000174 NAN NAN NAN

L40.Temp. prom aire 0.008962 NAN NAN NAN

L41.Conduct 0.016255 0.000000 18978342.989 0.000

L41.Water 0.005514 0.000000 1669486.763 0.000

L41.Temp -0.005079 0.000000 -689259.455 0.000

L41.Precip. horaria -0.000389 0.000001 -304.180 0.000

L41.Temp. prom aire -0.004301 NAN NAN NAN

L42.Conduct 0.010555 0.000000 15892325.304 0.000

L42.Water 0.004692 NAN NAN NAN

L42.Temp 0.003422 0.000000 404483.408 0.000

L42.Precip. horaria 0.000326 0.000006 56.729 0.000

L42.Temp. prom aire -0.000741 0.000000 -134046.465 0.000

L43.Conduct -0.000438 NAN NAN NAN

L43.Water -0.004380 NAN NAN NAN

L43.Temp 0.005204 NAN NAN NAN

L43.Precip. horaria 0.000073 0.000001 54.252 0.000

L43.Temp. prom aire -0.001154 0.000000 -104264.561 0.000

L44.Conduct -0.001147 0.000000 -1269564.118 0.000

L44.Water -0.002134 NAN NAN NAN

L44.Temp -0.004166 0.000000 -275773.944 0.000

L44.Precip. horaria -0.000336 0.000003 -120.216 0.000

L44.Temp. prom aire 0.010802 0.000000 1019330.788 0.000

L45.Conduct 0.016760 NAN NAN NAN

L45.Water 0.009135 NAN NAN NAN

L45.Temp 0.004901 NAN NAN NAN

L45.Precip. horaria -0.000096 0.000002 -42.658 0.000

L45.Temp. prom aire -0.003601 NAN NAN NAN

L46.Conduct 0.022246 NAN NAN NAN

L46.Water 0.000146 NAN NAN NAN

L46.Temp -0.012261 NAN NAN NAN

L46.Precip. horaria 0.000244 NAN NAN NAN

L46.Temp. prom aire -0.000137 NAN NAN NAN

L47.Conduct -0.029387 0.000000 -19642904.364 0.000

L47.Water 0.016588 NAN NAN NAN

L47.Temp 0.007861 NAN NAN NAN

L47.Precip. horaria 0.000585 0.000001 622.487 0.000

L47.Temp. prom aire -0.012759 NAN NAN NAN

L48.Conduct -0.008930 0.000000 -18581489.981 0.000

L48.Water 0.001594 NAN NAN NAN

L48.Temp 0.000262 NAN NAN NAN

L48.Precip. horaria -0.000308 NAN NAN NAN

L48.Temp. prom aire 0.012688 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000042 NAN NAN NAN

L1.Conduct -0.010946 0.000000 -109726071.508 0.000

L1.Water -0.002734 0.000000 -1100304.898 0.000

L1.Temp -0.002905 NAN NAN NAN

L1.Precip. horaria -0.000412 NAN NAN NAN

L1.Temp. prom aire -0.000868 0.000000 -235173.295 0.000

L2.Conduct 0.017562 NAN NAN NAN

L2.Water 0.001183 NAN NAN NAN

L2.Temp -0.000285 NAN NAN NAN

L2.Precip. horaria 0.000375 0.000000 1209.671 0.000

L2.Temp. prom aire 0.003871 0.000000 787445.649 0.000

L3.Conduct -0.017742 0.000000 -177918285.977 0.000

L3.Water -0.002697 0.000000 -6291734.298 0.000

L3.Temp -0.008019 0.000000 -3669659.452 0.000

L3.Precip. horaria -0.000187 0.000000 -8017.390 0.000

L3.Temp. prom aire -0.010120 0.000000 -3519648.562 0.000

L4.Conduct 0.013467 NAN NAN NAN

L4.Water 0.004520 NAN NAN NAN

L4.Temp 0.005077 0.000000 2570605.746 0.000

L4.Precip. horaria 0.000569 NAN NAN NAN

L4.Temp. prom aire 0.001447 NAN NAN NAN

L5.Conduct -0.017239 0.000000 -54682707.649 0.000

L5.Water -0.000017 0.000000 -15618.830 0.000

L5.Temp 0.001643 NAN NAN NAN

L5.Precip. horaria -0.000345 0.000000 -970.306 0.000

L5.Temp. prom aire -0.001049 0.000000 -406520.118 0.000

L6.Conduct -0.010087 NAN NAN NAN

L6.Water 0.000263 NAN NAN NAN

L6.Temp 0.005306 NAN NAN NAN

L6.Precip. horaria 0.000161 NAN NAN NAN

L6.Temp. prom aire 0.009914 NAN NAN NAN

L7.Conduct 0.026168 NAN NAN NAN

L7.Water -0.000002 NAN NAN NAN

L7.Temp -0.006097 NAN NAN NAN

L7.Precip. horaria -0.000462 0.000001 -908.971 0.000

L7.Temp. prom aire -0.003163 0.000000 -6011721.808 0.000

L8.Conduct 0.013041 NAN NAN NAN

L8.Water 0.001327 NAN NAN NAN

L8.Temp -0.001374 NAN NAN NAN

L8.Precip. horaria 0.000294 0.000001 423.927 0.000

L8.Temp. prom aire -0.000208 0.000000 -108873.474 0.000

L9.Conduct -0.001926 NAN NAN NAN

L9.Water 0.001080 NAN NAN NAN

L9.Temp -0.000750 0.000000 -842565.542 0.000

L9.Precip. horaria 0.000020 NAN NAN NAN

L9.Temp. prom aire -0.005160 NAN NAN NAN

L10.Conduct -0.013086 0.000000 -187127102.371 0.000

L10.Water 0.001269 0.000000 966018.358 0.000

L10.Temp 0.005035 NAN NAN NAN

L10.Precip. horaria 0.000143 0.000001 170.385 0.000

L10.Temp. prom aire 0.005220 NAN NAN NAN

L11.Conduct -0.000634 NAN NAN NAN

L11.Water 0.000318 0.000000 1289631.533 0.000

L11.Temp 0.002305 0.000000 654007.510 0.000

L11.Precip. horaria -0.000150 0.000000 -2071.272 0.000

L11.Temp. prom aire 0.001111 0.000000 1958174.072 0.000

L12.Conduct 0.013705 0.000000 108517049.488 0.000

L12.Water 0.000453 NAN NAN NAN

L12.Temp -0.000464 0.000000 -683070.204 0.000

L12.Precip. horaria -0.000064 NAN NAN NAN

L12.Temp. prom aire 0.002021 0.000000 1387099.044 0.000

L13.Conduct 0.020946 0.000000 199915230.542 0.000

L13.Water 0.001255 0.000000 499043.124 0.000

L13.Temp -0.002653 NAN NAN NAN

L13.Precip. horaria -0.000079 NAN NAN NAN

L13.Temp. prom aire -0.000893 NAN NAN NAN

L14.Conduct -0.001881 0.000000 -11299795.984 0.000

L14.Water 0.001052 NAN NAN NAN

L14.Temp 0.001317 NAN NAN NAN

L14.Precip. horaria 0.000158 NAN NAN NAN

L14.Temp. prom aire -0.001362 NAN NAN NAN

L15.Conduct -0.003710 0.000000 -23863061.600 0.000

L15.Water 0.001338 0.000000 1229663.817 0.000

L15.Temp 0.002485 0.000000 2600806.559 0.000

L15.Precip. horaria 0.000103 NAN NAN NAN

L15.Temp. prom aire 0.007908 NAN NAN NAN

L16.Conduct -0.006967 NAN NAN NAN

L16.Water 0.000178 NAN NAN NAN

L16.Temp 0.002684 0.000000 2332873.929 0.000

L16.Precip. horaria -0.000037 0.000001 -54.344 0.000

L16.Temp. prom aire -0.007664 0.000000 -6225386.324 0.000

L17.Conduct 0.008602 0.000000 11046123.770 0.000

L17.Water 0.000470 0.000000 179955.097 0.000

L17.Temp 0.000968 NAN NAN NAN

L17.Precip. horaria -0.000120 NAN NAN NAN

L17.Temp. prom aire 0.004182 NAN NAN NAN

L18.Conduct 0.019404 NAN NAN NAN

L18.Water 0.001298 NAN NAN NAN

L18.Temp -0.001339 0.000000 -2759934.952 0.000

L18.Precip. horaria -0.000062 0.000002 -38.504 0.000

L18.Temp. prom aire -0.006061 0.000000 -10533027.292 0.000

L19.Conduct 0.008410 NAN NAN NAN

L19.Water 0.001221 0.000000 824463.955 0.000

L19.Temp 0.000436 NAN NAN NAN

L19.Precip. horaria 0.000080 NAN NAN NAN

L19.Temp. prom aire 0.009725 0.000000 8220656.130 0.000

L20.Conduct -0.010686 NAN NAN NAN

L20.Water -0.000030 0.000000 -19078.072 0.000

L20.Temp 0.001672 NAN NAN NAN

L20.Precip. horaria 0.000064 NAN NAN NAN

L20.Temp. prom aire -0.001530 NAN NAN NAN

L21.Conduct -0.010891 0.000000 -44518392.183 0.000

L21.Water -0.000129 NAN NAN NAN

L21.Temp 0.002450 NAN NAN NAN

L21.Precip. horaria 0.000001 0.000001 1.528 0.127

L21.Temp. prom aire 0.001269 NAN NAN NAN

L22.Conduct 0.001618 0.000000 4474010.496 0.000

L22.Water 0.000583 NAN NAN NAN

L22.Temp 0.001923 NAN NAN NAN

L22.Precip. horaria -0.000044 0.000001 -71.949 0.000

L22.Temp. prom aire -0.003455 NAN NAN NAN

L23.Conduct -0.000793 NAN NAN NAN

L23.Water 0.000448 NAN NAN NAN

L23.Temp 0.001293 0.000000 1320208.860 0.000

L23.Precip. horaria 0.000010 NAN NAN NAN

L23.Temp. prom aire 0.000804 0.000000 886127.336 0.000

L24.Conduct 0.007401 NAN NAN NAN

L24.Water 0.000930 0.000000 1237564.477 0.000

L24.Temp 0.003167 NAN NAN NAN

L24.Precip. horaria -0.000008 0.000049 -0.154 0.878

L24.Temp. prom aire 0.006473 NAN NAN NAN

L25.Conduct 0.001091 0.000000 3237157.607 0.000

L25.Water 0.000598 0.000000 362895.658 0.000

L25.Temp -0.000565 0.000000 -533640.044 0.000

L25.Precip. horaria 0.000004 0.000069 0.056 0.955

L25.Temp. prom aire 0.004296 0.000000 8176277.872 0.000

L26.Conduct 0.000386 NAN NAN NAN

L26.Water 0.000585 0.000000 226166.901 0.000

L26.Temp 0.001571 0.000000 814255.158 0.000

L26.Precip. horaria 0.000001 NAN NAN NAN

L26.Temp. prom aire -0.003057 NAN NAN NAN

L27.Conduct -0.003871 NAN NAN NAN

L27.Water 0.000331 0.000000 258594.227 0.000

L27.Temp 0.001456 NAN NAN NAN

L27.Precip. horaria 0.000003 0.000086 0.036 0.971

L27.Temp. prom aire -0.000947 NAN NAN NAN

L28.Conduct -0.004615 0.000000 -7207782.912 0.000

L28.Water 0.000299 0.000000 483890.420 0.000

L28.Temp 0.001949 0.000000 5502519.680 0.000

L28.Precip. horaria -0.000003 NAN NAN NAN

L28.Temp. prom aire -0.000181 NAN NAN NAN

L29.Conduct -0.002420 NAN NAN NAN

L29.Water 0.000394 NAN NAN NAN

L29.Temp 0.000918 NAN NAN NAN

L29.Precip. horaria -0.000002 NAN NAN NAN

L29.Temp. prom aire 0.003828 0.000000 1569479.055 0.000

L30.Conduct -0.011140 0.000000 -37752609.321 0.000

L30.Water -0.000647 NAN NAN NAN

L30.Temp 0.001419 0.000000 7596149.253 0.000

L30.Precip. horaria -0.000002 NAN NAN NAN

L30.Temp. prom aire 0.001092 0.000000 476962.088 0.000

L31.Conduct 0.009698 0.000000 19394962.454 0.000

L31.Water 0.000579 0.000000 312617.072 0.000

L31.Temp 0.001673 NAN NAN NAN

L31.Precip. horaria 0.000003 NAN NAN NAN

L31.Temp. prom aire 0.001715 NAN NAN NAN

L32.Conduct -0.005070 0.000000 -26169220.462 0.000

L32.Water -0.001436 0.000000 -840712.817 0.000

L32.Temp 0.001889 0.000000 2490361.238 0.000

L32.Precip. horaria 0.000000 NAN NAN NAN

L32.Temp. prom aire -0.000268 0.000000 -86871.441 0.000

L33.Conduct 0.025632 0.000000 148036483.942 0.000

L33.Water 0.001429 NAN NAN NAN

L33.Temp -0.000106 NAN NAN NAN

L33.Precip. horaria 0.000002 NAN NAN NAN

L33.Temp. prom aire 0.001084 NAN NAN NAN

L34.Conduct 0.005232 NAN NAN NAN

L34.Water 0.000028 0.000000 18420.160 0.000

L34.Temp 0.002170 0.000000 2349687.817 0.000

L34.Precip. horaria -0.000021 NAN NAN NAN

L34.Temp. prom aire 0.000996 NAN NAN NAN

L35.Conduct 0.013011 0.000000 103360893.647 0.000

L35.Water 0.002289 0.000000 1542173.291 0.000

L35.Temp -0.001341 NAN NAN NAN

L35.Precip. horaria 0.000017 0.000005 3.633 0.000

L35.Temp. prom aire -0.000491 NAN NAN NAN

L36.Conduct -0.015339 NAN NAN NAN

L36.Water -0.000441 NAN NAN NAN

L36.Temp 0.002745 NAN NAN NAN

L36.Precip. horaria -0.000030 0.000009 -3.191 0.001

L36.Temp. prom aire 0.000158 NAN NAN NAN

L37.Conduct 0.007780 0.000000 27090487.832 0.000

L37.Water 0.001506 NAN NAN NAN

L37.Temp 0.000303 0.000000 202512.732 0.000

L37.Precip. horaria 0.000052 0.000006 8.044 0.000

L37.Temp. prom aire 0.000788 NAN NAN NAN

L38.Conduct 0.002113 NAN NAN NAN

L38.Water -0.001222 NAN NAN NAN

L38.Temp 0.002710 NAN NAN NAN

L38.Precip. horaria -0.000026 NAN NAN NAN

L38.Temp. prom aire 0.002205 NAN NAN NAN

L39.Conduct 0.017345 0.000000 210194486.871 0.000

L39.Water 0.001285 0.000000 1048959.540 0.000

L39.Temp -0.000677 NAN NAN NAN

L39.Precip. horaria -0.000057 0.000002 -28.210 0.000

L39.Temp. prom aire 0.001770 0.000000 7971346.116 0.000

L40.Conduct 0.010791 0.000000 115912786.145 0.000

L40.Water 0.003418 NAN NAN NAN

L40.Temp 0.000223 0.000000 105384.583 0.000

L40.Precip. horaria 0.000017 NAN NAN NAN

L40.Temp. prom aire 0.001557 NAN NAN NAN

L41.Conduct 0.007352 0.000000 37105126.432 0.000

L41.Water 0.003446 0.000000 4509464.531 0.000

L41.Temp -0.000797 0.000000 -467221.290 0.000

L41.Precip. horaria -0.000014 0.000000 -47.145 0.000

L41.Temp. prom aire -0.003211 NAN NAN NAN

L42.Conduct -0.004077 0.000000 -26536226.935 0.000

L42.Water -0.000359 NAN NAN NAN

L42.Temp 0.002918 0.000000 1490921.658 0.000

L42.Precip. horaria 0.000105 0.000001 78.567 0.000

L42.Temp. prom aire 0.000888 0.000000 694270.519 0.000

L43.Conduct -0.002714 NAN NAN NAN

L43.Water -0.003293 NAN NAN NAN

L43.Temp 0.002500 NAN NAN NAN

L43.Precip. horaria -0.000116 0.000000 -371.561 0.000

L43.Temp. prom aire 0.002220 0.000000 867155.560 0.000

L44.Conduct 0.005035 0.000000 24095674.857 0.000

L44.Water 0.000380 NAN NAN NAN

L44.Temp -0.001500 0.000000 -429174.299 0.000

L44.Precip. horaria -0.000123 0.000001 -189.591 0.000

L44.Temp. prom aire 0.004693 0.000000 1914358.127 0.000

L45.Conduct 0.007370 NAN NAN NAN

L45.Water 0.006438 NAN NAN NAN

L45.Temp -0.000857 NAN NAN NAN

L45.Precip. horaria 0.000058 0.000001 110.419 0.000

L45.Temp. prom aire -0.003354 NAN NAN NAN

L46.Conduct 0.003797 NAN NAN NAN

L46.Water 0.004351 NAN NAN NAN

L46.Temp -0.003148 NAN NAN NAN

L46.Precip. horaria 0.000294 NAN NAN NAN

L46.Temp. prom aire -0.002336 NAN NAN NAN

L47.Conduct -0.015489 0.000000 -44749600.100 0.000

L47.Water 0.002709 NAN NAN NAN

L47.Temp 0.004666 NAN NAN NAN

L47.Precip. horaria 0.000195 0.000000 897.432 0.000

L47.Temp. prom aire -0.003219 NAN NAN NAN

L48.Conduct -0.008797 0.000000 -79126225.192 0.000

L48.Water -0.002284 NAN NAN NAN

L48.Temp 0.002127 NAN NAN NAN

L48.Precip. horaria -0.000340 NAN NAN NAN

L48.Temp. prom aire 0.007749 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000000 NAN NAN NAN

L1.Conduct -0.000823 0.000000 -52106509.736 0.000

L1.Water -0.000173 0.000000 -439281.965 0.000

L1.Temp -0.000592 NAN NAN NAN

L1.Precip. horaria -0.000034 NAN NAN NAN

L1.Temp. prom aire -0.000925 0.000000 -1584768.667 0.000

L2.Conduct 0.001401 NAN NAN NAN

L2.Water 0.000353 NAN NAN NAN

L2.Temp 0.000698 NAN NAN NAN

L2.Precip. horaria 0.000005 0.000000 102.897 0.000

L2.Temp. prom aire 0.000704 0.000000 905066.196 0.000

L3.Conduct -0.000575 0.000000 -36417501.162 0.000

L3.Water -0.000097 0.000000 -1433625.075 0.000

L3.Temp -0.000054 0.000000 -155567.452 0.000

L3.Precip. horaria -0.000056 0.000000 -15153.050 0.000

L3.Temp. prom aire 0.000153 0.000000 337314.194 0.000

L4.Conduct 0.001462 NAN NAN NAN

L4.Water 0.000156 NAN NAN NAN

L4.Temp 0.000156 0.000000 498258.656 0.000

L4.Precip. horaria 0.000036 NAN NAN NAN

L4.Temp. prom aire 0.000322 NAN NAN NAN

L5.Conduct -0.002344 0.000000 -46987978.406 0.000

L5.Water -0.000401 0.000000 -2299712.497 0.000

L5.Temp -0.000621 NAN NAN NAN

L5.Precip. horaria -0.000000 0.000000 -5.170 0.000

L5.Temp. prom aire -0.000700 0.000000 -1714823.743 0.000

L6.Conduct 0.000769 NAN NAN NAN

L6.Water 0.000066 NAN NAN NAN

L6.Temp 0.000015 NAN NAN NAN

L6.Precip. horaria 0.000012 NAN NAN NAN

L6.Temp. prom aire -0.000062 NAN NAN NAN

L7.Conduct 0.002709 NAN NAN NAN

L7.Water 0.000309 NAN NAN NAN

L7.Temp 0.000129 NAN NAN NAN

L7.Precip. horaria -0.000032 0.000000 -400.999 0.000

L7.Temp. prom aire -0.000251 0.000000 -3019251.185 0.000

L8.Conduct -0.001784 NAN NAN NAN

L8.Water 0.000062 NAN NAN NAN

L8.Temp 0.000638 NAN NAN NAN

L8.Precip. horaria 0.000034 0.000000 306.875 0.000

L8.Temp. prom aire 0.000923 0.000000 3054633.337 0.000

L9.Conduct -0.001425 NAN NAN NAN

L9.Water -0.000263 NAN NAN NAN

L9.Temp -0.000299 0.000000 -2121187.299 0.000

L9.Precip. horaria -0.000006 NAN NAN NAN

L9.Temp. prom aire -0.000050 NAN NAN NAN

L10.Conduct -0.000199 0.000000 -17995535.545 0.000

L10.Water -0.000171 0.000000 -820715.016 0.000

L10.Temp -0.000563 NAN NAN NAN

L10.Precip. horaria -0.000019 0.000000 -140.174 0.000

L10.Temp. prom aire -0.000381 NAN NAN NAN

L11.Conduct 0.001768 NAN NAN NAN

L11.Water 0.000221 0.000000 5646516.644 0.000

L11.Temp -0.000026 0.000000 -46929.149 0.000

L11.Precip. horaria 0.000007 0.000000 595.974 0.000

L11.Temp. prom aire -0.000455 0.000000 -5072949.051 0.000

L12.Conduct -0.000434 0.000000 -21720992.520 0.000

L12.Water 0.000160 NAN NAN NAN

L12.Temp 0.000373 0.000000 3472393.709 0.000

L12.Precip. horaria 0.000018 NAN NAN NAN

L12.Temp. prom aire 0.000155 0.000000 673134.672 0.000

L13.Conduct 0.000054 0.000000 3252506.202 0.000

L13.Water 0.000053 0.000000 134016.510 0.000

L13.Temp 0.000316 NAN NAN NAN

L13.Precip. horaria -0.000004 NAN NAN NAN

L13.Temp. prom aire 0.000714 NAN NAN NAN

L14.Conduct -0.001264 0.000000 -47987773.868 0.000

L14.Water -0.000336 NAN NAN NAN

L14.Temp -0.000066 NAN NAN NAN

L14.Precip. horaria -0.000017 NAN NAN NAN

L14.Temp. prom aire -0.000305 NAN NAN NAN

L15.Conduct 0.003980 0.000000 161772937.498 0.000

L15.Water 0.000172 0.000000 1001610.666 0.000

L15.Temp -0.000472 0.000000 -3119670.515 0.000

L15.Precip. horaria -0.000018 NAN NAN NAN

L15.Temp. prom aire 0.000086 NAN NAN NAN

L16.Conduct 0.000465 NAN NAN NAN

L16.Water 0.000122 NAN NAN NAN

L16.Temp -0.000114 0.000000 -628173.080 0.000

L16.Precip. horaria 0.000022 0.000000 204.180 0.000

L16.Temp. prom aire -0.000766 0.000000 -3931290.013 0.000

L17.Conduct -0.004075 0.000000 -33069368.934 0.000

L17.Water -0.000143 0.000000 -347206.267 0.000

L17.Temp 0.000352 NAN NAN NAN

L17.Precip. horaria 0.000030 NAN NAN NAN

L17.Temp. prom aire 0.000803 NAN NAN NAN

L18.Conduct -0.001093 NAN NAN NAN

L18.Water -0.000059 NAN NAN NAN

L18.Temp 0.000093 0.000000 1216447.448 0.000

L18.Precip. horaria -0.000019 0.000000 -72.873 0.000

L18.Temp. prom aire -0.000231 0.000000 -2538553.770 0.000

L19.Conduct -0.000272 NAN NAN NAN

L19.Water -0.000097 0.000000 -415416.664 0.000

L19.Temp 0.000011 NAN NAN NAN

L19.Precip. horaria -0.000011 NAN NAN NAN

L19.Temp. prom aire 0.000340 0.000000 1816051.453 0.000

L20.Conduct 0.002619 NAN NAN NAN

L20.Water 0.000156 0.000000 631238.146 0.000

L20.Temp -0.000161 NAN NAN NAN

L20.Precip. horaria -0.000006 NAN NAN NAN

L20.Temp. prom aire -0.000848 NAN NAN NAN

L21.Conduct 0.000414 0.000000 10682255.983 0.000

L21.Water 0.000040 NAN NAN NAN

L21.Temp -0.000010 NAN NAN NAN

L21.Precip. horaria 0.000008 0.000000 56.654 0.000

L21.Temp. prom aire 0.000353 NAN NAN NAN

L22.Conduct -0.001137 0.000000 -19878045.960 0.000

L22.Water -0.000064 NAN NAN NAN

L22.Temp 0.000164 NAN NAN NAN

L22.Precip. horaria 0.000009 0.000000 89.858 0.000

L22.Temp. prom aire 0.000630 NAN NAN NAN

L23.Conduct -0.000404 NAN NAN NAN

L23.Water -0.000022 NAN NAN NAN

L23.Temp -0.000134 0.000000 -863500.140 0.000

L23.Precip. horaria -0.000006 NAN NAN NAN

L23.Temp. prom aire -0.000129 0.000000 -900851.681 0.000

L24.Conduct 0.000066 NAN NAN NAN

L24.Water 0.000008 0.000000 63979.357 0.000

L24.Temp 0.000186 NAN NAN NAN

L24.Precip. horaria -0.000000 0.000008 -0.012 0.990

L24.Temp. prom aire -0.000608 NAN NAN NAN

L25.Conduct -0.000285 0.000000 -5348995.646 0.000

L25.Water -0.000018 0.000000 -68770.198 0.000

L25.Temp -0.000060 0.000000 -359091.710 0.000

L25.Precip. horaria 0.000000 0.000011 0.034 0.973

L25.Temp. prom aire 0.000033 0.000000 399552.138 0.000

L26.Conduct -0.000094 NAN NAN NAN

L26.Water -0.000004 0.000000 -10720.894 0.000

L26.Temp -0.000036 0.000000 -118390.403 0.000

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire 0.000162 NAN NAN NAN

L27.Conduct -0.000018 NAN NAN NAN

L27.Water 0.000003 0.000000 15027.595 0.000

L27.Temp 0.000072 NAN NAN NAN

L27.Precip. horaria -0.000000 0.000014 -0.004 0.997

L27.Temp. prom aire 0.000538 NAN NAN NAN

L28.Conduct -0.000097 0.000000 -954144.663 0.000

L28.Water 0.000000 0.000000 685.609 0.000

L28.Temp 0.000069 0.000000 1236483.163 0.000

L28.Precip. horaria 0.000000 NAN NAN NAN

L28.Temp. prom aire 0.000042 NAN NAN NAN

L29.Conduct 0.000096 NAN NAN NAN

L29.Water 0.000005 NAN NAN NAN

L29.Temp -0.000058 NAN NAN NAN

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire -0.000761 0.000000 -1970526.651 0.000

L30.Conduct -0.001002 0.000000 -21457347.901 0.000

L30.Water -0.000107 NAN NAN NAN

L30.Temp 0.000116 0.000000 3918791.704 0.000

L30.Precip. horaria -0.000000 NAN NAN NAN

L30.Temp. prom aire 0.000099 0.000000 274203.403 0.000

L31.Conduct 0.001629 0.000000 20592609.578 0.000

L31.Water 0.000133 0.000000 453913.521 0.000

L31.Temp 0.000002 NAN NAN NAN

L31.Precip. horaria -0.000000 NAN NAN NAN

L31.Temp. prom aire 0.000374 NAN NAN NAN

L32.Conduct -0.000692 0.000000 -22582797.151 0.000

L32.Water -0.000086 0.000000 -317392.047 0.000

L32.Temp -0.000010 0.000000 -81731.968 0.000

L32.Precip. horaria -0.000000 NAN NAN NAN

L32.Temp. prom aire 0.000109 0.000000 222692.788 0.000

L33.Conduct 0.000122 0.000000 4444442.449 0.000

L33.Water 0.000038 NAN NAN NAN

L33.Temp -0.000180 NAN NAN NAN

L33.Precip. horaria 0.000000 NAN NAN NAN

L33.Temp. prom aire -0.000119 NAN NAN NAN

L34.Conduct -0.001150 NAN NAN NAN

L34.Water -0.000065 0.000000 -273790.020 0.000

L34.Temp 0.000216 0.000000 1475958.502 0.000

L34.Precip. horaria -0.000002 NAN NAN NAN

L34.Temp. prom aire -0.000269 NAN NAN NAN

L35.Conduct 0.000863 0.000000 43337529.726 0.000

L35.Water 0.000103 0.000000 440265.366 0.000

L35.Temp -0.000056 NAN NAN NAN

L35.Precip. horaria 0.000005 0.000001 6.095 0.000

L35.Temp. prom aire 0.000114 NAN NAN NAN

L36.Conduct -0.000810 NAN NAN NAN

L36.Water -0.000222 NAN NAN NAN

L36.Temp 0.000184 NAN NAN NAN

L36.Precip. horaria -0.000004 0.000001 -2.355 0.019

L36.Temp. prom aire 0.000137 NAN NAN NAN

L37.Conduct 0.001453 0.000000 31967221.910 0.000

L37.Water 0.000124 NAN NAN NAN

L37.Temp -0.000089 0.000000 -375863.790 0.000

L37.Precip. horaria 0.000000 0.000001 0.069 0.945

L37.Temp. prom aire 0.000174 NAN NAN NAN

L38.Conduct -0.000500 NAN NAN NAN

L38.Water 0.000056 NAN NAN NAN

L38.Temp -0.000053 NAN NAN NAN

L38.Precip. horaria -0.000001 NAN NAN NAN

L38.Temp. prom aire -0.000152 NAN NAN NAN

L39.Conduct -0.000119 0.000000 -9150755.974 0.000

L39.Water 0.000063 0.000000 324960.719 0.000

L39.Temp -0.000047 NAN NAN NAN

L39.Precip. horaria -0.000002 0.000000 -5.761 0.000

L39.Temp. prom aire -0.000150 0.000000 -4278055.830 0.000

L40.Conduct 0.000113 0.000000 7641878.650 0.000

L40.Water -0.000063 NAN NAN NAN

L40.Temp 0.000191 0.000000 570442.994 0.000

L40.Precip. horaria 0.000012 NAN NAN NAN

L40.Temp. prom aire 0.000193 NAN NAN NAN

L41.Conduct 0.000181 0.000000 5760934.762 0.000

L41.Water -0.000161 0.000000 -1328033.314 0.000

L41.Temp -0.000100 0.000000 -370460.923 0.000

L41.Precip. horaria -0.000008 0.000000 -173.615 0.000

L41.Temp. prom aire -0.000131 NAN NAN NAN

L42.Conduct -0.000238 0.000000 -9789253.689 0.000

L42.Water 0.000005 NAN NAN NAN

L42.Temp -0.000010 0.000000 -31556.108 0.000

L42.Precip. horaria -0.000010 0.000000 -47.080 0.000

L42.Temp. prom aire 0.000289 0.000000 1426849.959 0.000

L43.Conduct -0.000165 NAN NAN NAN

L43.Water 0.000207 NAN NAN NAN

L43.Temp -0.000048 NAN NAN NAN

L43.Precip. horaria 0.000003 0.000000 59.010 0.000

L43.Temp. prom aire -0.000309 0.000000 -762538.474 0.000

L44.Conduct -0.000390 0.000000 -11794196.609 0.000

L44.Water 0.000146 NAN NAN NAN

L44.Temp -0.000129 0.000000 -232762.497 0.000

L44.Precip. horaria 0.000016 0.000000 154.707 0.000

L44.Temp. prom aire -0.000041 0.000000 -105421.125 0.000

L45.Conduct -0.000819 NAN NAN NAN

L45.Water -0.000028 NAN NAN NAN

L45.Temp 0.000358 NAN NAN NAN

L45.Precip. horaria 0.000004 0.000000 43.695 0.000

L45.Temp. prom aire -0.000058 NAN NAN NAN

L46.Conduct 0.001402 NAN NAN NAN

L46.Water -0.000562 NAN NAN NAN

L46.Temp -0.000085 NAN NAN NAN

L46.Precip. horaria -0.000014 NAN NAN NAN

L46.Temp. prom aire 0.000463 NAN NAN NAN

L47.Conduct -0.000030 0.000000 -549997.302 0.000

L47.Water 0.000100 NAN NAN NAN

L47.Temp 0.000058 NAN NAN NAN

L47.Precip. horaria -0.000015 0.000000 -421.430 0.000

L47.Temp. prom aire -0.000025 NAN NAN NAN

L48.Conduct 0.000271 0.000000 15389427.659 0.000

L48.Water 0.000872 NAN NAN NAN

L48.Temp -0.000381 NAN NAN NAN

L48.Precip. horaria -0.000003 NAN NAN NAN

L48.Temp. prom aire -0.000041 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000070 NAN NAN NAN

L1.Conduct 0.008741 0.000000 27667026.831 0.000

L1.Water -0.004658 0.000000 -591791.159 0.000

L1.Temp -0.016539 NAN NAN NAN

L1.Precip. horaria -0.000930 NAN NAN NAN

L1.Temp. prom aire -0.018683 0.000000 -1598815.613 0.000

L2.Conduct 0.007872 NAN NAN NAN

L2.Water 0.003014 NAN NAN NAN

L2.Temp 0.005043 NAN NAN NAN

L2.Precip. horaria 0.001428 0.000001 1453.466 0.000

L2.Temp. prom aire 0.009035 0.000000 580314.646 0.000

L3.Conduct -0.044012 0.000000 -139360060.062 0.000

L3.Water -0.003617 0.000000 -2663882.283 0.000

L3.Temp -0.011531 0.000000 -1666277.731 0.000

L3.Precip. horaria -0.000598 0.000000 -8100.212 0.000

L3.Temp. prom aire -0.020672 0.000000 -2270158.377 0.000

L4.Conduct 0.022420 NAN NAN NAN

L4.Water 0.007505 NAN NAN NAN

L4.Temp 0.015098 0.000000 2413990.660 0.000

L4.Precip. horaria 0.000816 NAN NAN NAN

L4.Temp. prom aire 0.014679 NAN NAN NAN

L5.Conduct -0.023196 0.000000 -23233479.578 0.000

L5.Water -0.002476 0.000000 -709944.601 0.000

L5.Temp -0.002625 NAN NAN NAN

L5.Precip. horaria -0.001060 0.000001 -942.070 0.000

L5.Temp. prom aire -0.003791 0.000000 -463856.896 0.000

L6.Conduct 0.016270 NAN NAN NAN

L6.Water 0.002021 NAN NAN NAN

L6.Temp 0.005070 NAN NAN NAN

L6.Precip. horaria 0.000632 NAN NAN NAN

L6.Temp. prom aire 0.016296 NAN NAN NAN

L7.Conduct 0.021706 NAN NAN NAN

L7.Water -0.001381 NAN NAN NAN

L7.Temp -0.014111 NAN NAN NAN

L7.Precip. horaria -0.000767 0.000002 -476.738 0.000

L7.Temp. prom aire -0.017223 0.000000 -10336294.441 0.000

L8.Conduct 0.006789 NAN NAN NAN

L8.Water 0.003733 NAN NAN NAN

L8.Temp 0.004843 NAN NAN NAN

L8.Precip. horaria 0.000874 0.000002 397.991 0.000

L8.Temp. prom aire 0.008846 0.000000 1462517.986 0.000

L9.Conduct -0.022913 NAN NAN NAN

L9.Water 0.000418 NAN NAN NAN

L9.Temp -0.000581 0.000000 -206143.840 0.000

L9.Precip. horaria -0.000374 NAN NAN NAN

L9.Temp. prom aire -0.010816 NAN NAN NAN

L10.Conduct 0.002326 0.000000 10502001.325 0.000

L10.Water 0.003420 0.000000 822262.969 0.000

L10.Temp 0.010672 NAN NAN NAN

L10.Precip. horaria 0.000402 0.000003 151.392 0.000

L10.Temp. prom aire 0.015705 NAN NAN NAN

L11.Conduct 0.001828 NAN NAN NAN

L11.Water -0.001619 0.000000 -2071857.247 0.000

L11.Temp -0.003212 0.000000 -287767.560 0.000

L11.Precip. horaria -0.000615 0.000000 -2683.489 0.000

L11.Temp. prom aire -0.006235 0.000000 -3471238.672 0.000

L12.Conduct 0.045226 0.000000 113070263.622 0.000

L12.Water 0.003258 NAN NAN NAN

L12.Temp 0.000645 0.000000 299607.096 0.000

L12.Precip. horaria 0.000251 NAN NAN NAN

L12.Temp. prom aire 0.003644 0.000000 789736.524 0.000

L13.Conduct 0.009834 0.000000 29638461.009 0.000

L13.Water 0.000549 0.000000 68862.618 0.000

L13.Temp -0.005967 NAN NAN NAN

L13.Precip. horaria -0.000256 NAN NAN NAN

L13.Temp. prom aire 0.006854 NAN NAN NAN

L14.Conduct -0.002796 0.000000 -5302750.083 0.000

L14.Water 0.003400 NAN NAN NAN

L14.Temp 0.008834 NAN NAN NAN

L14.Precip. horaria 0.000522 NAN NAN NAN

L14.Temp. prom aire -0.009738 NAN NAN NAN

L15.Conduct -0.022938 0.000000 -46590536.648 0.000

L15.Water -0.000710 0.000000 -206085.010 0.000

L15.Temp 0.002993 0.000000 989384.982 0.000

L15.Precip. horaria -0.000143 NAN NAN NAN

L15.Temp. prom aire 0.014541 NAN NAN NAN

L16.Conduct 0.005758 NAN NAN NAN

L16.Water 0.001216 NAN NAN NAN

L16.Temp 0.002113 0.000000 580054.723 0.000

L16.Precip. horaria -0.000027 0.000002 -12.564 0.000

L16.Temp. prom aire -0.016064 0.000000 -4120134.662 0.000

L17.Conduct 0.015594 0.000000 6322897.044 0.000

L17.Water 0.000367 0.000000 44353.826 0.000

L17.Temp -0.000786 NAN NAN NAN

L17.Precip. horaria -0.000285 NAN NAN NAN

L17.Temp. prom aire 0.009556 NAN NAN NAN

L18.Conduct 0.019456 NAN NAN NAN

L18.Water 0.002538 NAN NAN NAN

L18.Temp 0.000678 0.000000 441329.821 0.000

L18.Precip. horaria 0.000194 0.000005 37.903 0.000

L18.Temp. prom aire -0.005287 0.000000 -2901153.125 0.000

L19.Conduct -0.001742 NAN NAN NAN

L19.Water 0.001169 0.000000 249292.082 0.000

L19.Temp 0.000918 NAN NAN NAN

L19.Precip. horaria 0.000009 NAN NAN NAN

L19.Temp. prom aire 0.014839 0.000000 3960788.506 0.000

L20.Conduct -0.033424 NAN NAN NAN

L20.Water -0.001077 0.000000 -217881.262 0.000

L20.Temp 0.004384 NAN NAN NAN

L20.Precip. horaria 0.000154 NAN NAN NAN

L20.Temp. prom aire -0.007145 NAN NAN NAN

L21.Conduct -0.000078 0.000000 -101147.138 0.000

L21.Water 0.000761 NAN NAN NAN

L21.Temp 0.003296 NAN NAN NAN

L21.Precip. horaria -0.000166 0.000003 -60.345 0.000

L21.Temp. prom aire -0.001846 NAN NAN NAN

L22.Conduct 0.014278 0.000000 12467936.836 0.000

L22.Water 0.001695 NAN NAN NAN

L22.Temp 0.006714 NAN NAN NAN

L22.Precip. horaria 0.000009 0.000002 4.548 0.000

L22.Temp. prom aire 0.003107 NAN NAN NAN

L23.Conduct -0.003267 NAN NAN NAN

L23.Water 0.000658 NAN NAN NAN

L23.Temp -0.001942 0.000000 -625997.861 0.000

L23.Precip. horaria 0.000024 NAN NAN NAN

L23.Temp. prom aire 0.005412 0.000000 1883775.885 0.000

L24.Conduct 0.010389 NAN NAN NAN

L24.Water 0.001481 0.000000 621913.990 0.000

L24.Temp 0.006242 NAN NAN NAN

L24.Precip. horaria -0.000010 0.000156 -0.062 0.950

L24.Temp. prom aire 0.004322 NAN NAN NAN

L25.Conduct 0.000065 0.000000 60488.028 0.000

L25.Water 0.000909 0.000000 174223.612 0.000

L25.Temp 0.001262 0.000000 376351.344 0.000

L25.Precip. horaria 0.000011 0.000217 0.052 0.959

L25.Temp. prom aire 0.009863 0.000000 5926556.388 0.000

L26.Conduct -0.004734 NAN NAN NAN

L26.Water 0.000691 0.000000 84276.504 0.000

L26.Temp 0.001432 0.000000 234305.336 0.000

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire -0.011661 NAN NAN NAN

L27.Conduct -0.010797 NAN NAN NAN

L27.Water 0.000324 0.000000 80114.668 0.000

L27.Temp 0.003149 NAN NAN NAN

L27.Precip. horaria 0.000003 0.000272 0.012 0.990

L27.Temp. prom aire 0.003459 NAN NAN NAN

L28.Conduct -0.013359 0.000000 -6588311.091 0.000

L28.Water 0.000198 0.000000 101452.466 0.000

L28.Temp 0.003843 0.000000 3425847.380 0.000

L28.Precip. horaria -0.000008 NAN NAN NAN

L28.Temp. prom aire 0.000408 NAN NAN NAN

L29.Conduct 0.002884 NAN NAN NAN

L29.Water 0.000957 NAN NAN NAN

L29.Temp 0.000937 NAN NAN NAN

L29.Precip. horaria 0.000001 NAN NAN NAN

L29.Temp. prom aire 0.008873 0.000000 1148663.304 0.000

L30.Conduct -0.038597 0.000000 -41301018.521 0.000

L30.Water -0.003712 NAN NAN NAN

L30.Temp 0.003674 0.000000 6212642.206 0.000

L30.Precip. horaria -0.000006 NAN NAN NAN

L30.Temp. prom aire -0.002869 0.000000 -395544.254 0.000

L31.Conduct 0.040547 0.000000 25605636.089 0.000

L31.Water 0.002588 0.000000 441012.310 0.000

L31.Temp 0.001577 NAN NAN NAN

L31.Precip. horaria 0.000009 NAN NAN NAN

L31.Temp. prom aire 0.006126 NAN NAN NAN

L32.Conduct -0.002337 0.000000 -3808144.792 0.000

L32.Water -0.002902 0.000000 -536598.204 0.000

L32.Temp 0.004578 0.000000 1905756.924 0.000

L32.Precip. horaria -0.000001 NAN NAN NAN

L32.Temp. prom aire -0.004238 0.000000 -433422.586 0.000

L33.Conduct 0.039885 0.000000 72737195.256 0.000

L33.Water 0.002253 NAN NAN NAN

L33.Temp -0.002903 NAN NAN NAN

L33.Precip. horaria 0.000006 NAN NAN NAN

L33.Temp. prom aire 0.005098 NAN NAN NAN

L34.Conduct -0.004590 NAN NAN NAN

L34.Water 0.000262 0.000000 55078.456 0.000

L34.Temp 0.005544 0.000000 1895424.719 0.000

L34.Precip. horaria -0.000099 NAN NAN NAN

L34.Temp. prom aire 0.000753 NAN NAN NAN

L35.Conduct 0.023160 0.000000 58098512.130 0.000

L35.Water 0.005758 0.000000 1224937.048 0.000

L35.Temp -0.003031 NAN NAN NAN

L35.Precip. horaria 0.000130 0.000015 8.737 0.000

L35.Temp. prom aire -0.002461 NAN NAN NAN

L36.Conduct -0.033982 NAN NAN NAN

L36.Water -0.004600 NAN NAN NAN

L36.Temp 0.006653 NAN NAN NAN

L36.Precip. horaria -0.000068 0.000030 -2.278 0.023

L36.Temp. prom aire 0.001561 NAN NAN NAN

L37.Conduct 0.027711 0.000000 30466703.373 0.000

L37.Water 0.001216 NAN NAN NAN

L37.Temp 0.000471 0.000000 99488.818 0.000

L37.Precip. horaria 0.000040 0.000020 1.957 0.050

L37.Temp. prom aire 0.003260 NAN NAN NAN

L38.Conduct 0.013282 NAN NAN NAN

L38.Water 0.001101 NAN NAN NAN

L38.Temp 0.003352 NAN NAN NAN

L38.Precip. horaria -0.000069 NAN NAN NAN

L38.Temp. prom aire 0.006570 NAN NAN NAN

L39.Conduct 0.032532 0.000000 124484842.648 0.000

L39.Water 0.006012 0.000000 1549512.192 0.000

L39.Temp -0.005195 NAN NAN NAN

L39.Precip. horaria -0.000194 0.000006 -30.156 0.000

L39.Temp. prom aire -0.002275 0.000000 -3235061.438 0.000

L40.Conduct 0.007560 0.000000 25641555.633 0.000

L40.Water 0.005189 NAN NAN NAN

L40.Temp 0.003885 0.000000 579279.863 0.000

L40.Precip. horaria 0.000333 NAN NAN NAN

L40.Temp. prom aire -0.000776 NAN NAN NAN

L41.Conduct -0.000306 0.000000 -487994.383 0.000

L41.Water 0.000214 0.000000 88291.398 0.000

L41.Temp 0.000473 0.000000 87630.904 0.000

L41.Precip. horaria -0.000079 0.000001 -83.987 0.000

L41.Temp. prom aire -0.002674 NAN NAN NAN

L42.Conduct -0.014535 0.000000 -29870505.339 0.000

L42.Water -0.003324 NAN NAN NAN

L42.Temp 0.004365 0.000000 704117.301 0.000

L42.Precip. horaria -0.000189 0.000004 -44.914 0.000

L42.Temp. prom aire 0.007787 0.000000 1922198.787 0.000

L43.Conduct 0.017495 NAN NAN NAN

L43.Water -0.001108 NAN NAN NAN

L43.Temp 0.002747 NAN NAN NAN

L43.Precip. horaria -0.000175 0.000001 -176.501 0.000

L43.Temp. prom aire 0.001984 0.000000 244710.824 0.000

L44.Conduct 0.004784 0.000000 7228104.468 0.000

L44.Water 0.003941 NAN NAN NAN

L44.Temp -0.008404 0.000000 -759325.354 0.000

L44.Precip. horaria 0.000128 0.000002 62.327 0.000

L44.Temp. prom aire 0.001826 0.000000 235236.906 0.000

L45.Conduct -0.000681 NAN NAN NAN

L45.Water 0.018051 NAN NAN NAN

L45.Temp 0.002720 NAN NAN NAN

L45.Precip. horaria 0.000400 0.000002 241.819 0.000

L45.Temp. prom aire -0.009916 NAN NAN NAN

L46.Conduct -0.002331 NAN NAN NAN

L46.Water -0.002860 NAN NAN NAN

L46.Temp -0.002820 NAN NAN NAN

L46.Precip. horaria 0.000238 NAN NAN NAN

L46.Temp. prom aire 0.003648 NAN NAN NAN

L47.Conduct -0.025565 0.000000 -23322913.364 0.000

L47.Water -0.001851 NAN NAN NAN

L47.Temp 0.009452 NAN NAN NAN

L47.Precip. horaria -0.000056 0.000001 -81.946 0.000

L47.Temp. prom aire -0.003571 NAN NAN NAN

L48.Conduct -0.026610 0.000000 -75573941.394 0.000

L48.Water 0.010269 NAN NAN NAN

L48.Temp 0.003944 NAN NAN NAN

L48.Precip. horaria -0.000828 NAN NAN NAN

L48.Temp. prom aire 0.016427 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.807094 0.110643 0.356794 0.583029

Water 0.807094 1.000000 0.014702 0.582852 0.518740

Temp 0.110643 0.014702 1.000000 -0.047274 0.564988

Precip. horaria 0.356794 0.582852 -0.047274 1.000000 0.378837

Temp. prom aire 0.583029 0.518740 0.564988 0.378837 1.000000

1. Sensor Oeste Alto (A8404191D1843963):

Summary of Regression Results

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Model: VAR

Method: OLS

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No. of Equations: 5.00000 BIC: -162.733

Nobs: 23.0000 HQIC: -207.262

Log likelihood: 3597.39 FPE: -2.50579e-142

AIC: -222.223 Det(Omega\_mle): -1.25767e-147

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000437 0.000000 9390.547 0.000

L1.Conduct -0.056622 0.000000 -31269708.795 0.000

L1.Water -0.063898 0.000000 -11808893.183 0.000

L1.Temp 0.003132 NAN NAN NAN

L1.Precip. horaria -0.001410 0.000000 -7077.039 0.000

L1.Temp. prom aire 0.010938 0.000000 5786883.396 0.000

L2.Conduct -0.065532 0.000000 -45071072.495 0.000

L2.Water -0.058831 0.000000 -23704410.301 0.000

L2.Temp 0.040303 0.000000 6692795.828 0.000

L2.Precip. horaria -0.001711 NAN NAN NAN

L2.Temp. prom aire 0.085943 0.000000 44090100.808 0.000

L3.Conduct 0.119096 NAN NAN NAN

L3.Water 0.057926 0.000000 11710206.738 0.000

L3.Temp -0.057501 0.000000 -22865553.343 0.000

L3.Precip. horaria -0.005403 NAN NAN NAN

L3.Temp. prom aire -0.079356 NAN NAN NAN

L4.Conduct 0.030926 0.000000 10778733.098 0.000

L4.Water 0.052240 NAN NAN NAN

L4.Temp 0.020142 NAN NAN NAN

L4.Precip. horaria 0.008092 0.000000 19409.489 0.000

L4.Temp. prom aire -0.001233 NAN NAN NAN

L5.Conduct -0.037405 NAN NAN NAN

L5.Water -0.008922 NAN NAN NAN

L5.Temp 0.011816 0.000000 3486008.770 0.000

L5.Precip. horaria 0.000477 NAN NAN NAN

L5.Temp. prom aire -0.031796 NAN NAN NAN

L6.Conduct -0.140565 NAN NAN NAN

L6.Water -0.067666 0.000000 -14978785.231 0.000

L6.Temp 0.052415 NAN NAN NAN

L6.Precip. horaria -0.001213 0.000001 -1058.155 0.000

L6.Temp. prom aire 0.064671 0.000000 12957493.062 0.000

L7.Conduct 0.025754 0.000000 5174853.224 0.000

L7.Water 0.019622 0.000000 5885892.928 0.000

L7.Temp 0.006482 0.000000 2924472.391 0.000

L7.Precip. horaria -0.005186 NAN NAN NAN

L7.Temp. prom aire 0.010860 0.000000 1961697.363 0.000

L8.Conduct -0.008666 0.000000 -1497781.653 0.000

L8.Water 0.012000 0.000000 4092126.137 0.000

L8.Temp -0.010620 0.000000 -4799904.255 0.000

L8.Precip. horaria 0.002276 NAN NAN NAN

L8.Temp. prom aire -0.003446 0.000000 -819333.866 0.000

L9.Conduct -0.013756 NAN NAN NAN

L9.Water 0.023042 0.000000 9460043.753 0.000

L9.Temp 0.008137 0.000000 7427962.455 0.000

L9.Precip. horaria 0.003836 0.000002 1557.128 0.000

L9.Temp. prom aire -0.045439 0.000000 -36185651.065 0.000

L10.Conduct -0.066451 NAN NAN NAN

L10.Water 0.000512 0.000000 43994.306 0.000

L10.Temp -0.003750 0.000000 -2363587.399 0.000

L10.Precip. horaria -0.002299 NAN NAN NAN

L10.Temp. prom aire 0.000245 NAN NAN NAN

L11.Conduct 0.051149 NAN NAN NAN

L11.Water 0.049403 NAN NAN NAN

L11.Temp 0.027296 NAN NAN NAN

L11.Precip. horaria -0.001124 0.000001 -1161.849 0.000

L11.Temp. prom aire 0.021401 0.000000 4198218.034 0.000

L12.Conduct 0.073132 NAN NAN NAN

L12.Water 0.021911 NAN NAN NAN

L12.Temp 0.013012 NAN NAN NAN

L12.Precip. horaria -0.000210 0.000001 -272.049 0.000

L12.Temp. prom aire 0.056422 NAN NAN NAN

L13.Conduct 0.117986 0.000000 23422592.117 0.000

L13.Water 0.031204 NAN NAN NAN

L13.Temp -0.024913 NAN NAN NAN

L13.Precip. horaria -0.000427 0.000001 -370.920 0.000

L13.Temp. prom aire -0.026313 0.000000 -7926918.902 0.000

L14.Conduct 0.038020 NAN NAN NAN

L14.Water -0.022195 0.000000 -2440638.266 0.000

L14.Temp -0.005081 0.000000 -1998277.061 0.000

L14.Precip. horaria -0.000002 0.000001 -1.651 0.099

L14.Temp. prom aire -0.022782 NAN NAN NAN

L15.Conduct 0.073460 NAN NAN NAN

L15.Water 0.035490 NAN NAN NAN

L15.Temp -0.047472 NAN NAN NAN

L15.Precip. horaria 0.000246 0.000002 157.455 0.000

L15.Temp. prom aire 0.107515 NAN NAN NAN

L16.Conduct 0.064039 0.000000 21249249.945 0.000

L16.Water 0.037302 0.000000 7964639.310 0.000

L16.Temp 0.014437 NAN NAN NAN

L16.Precip. horaria 0.000954 NAN NAN NAN

L16.Temp. prom aire -0.145563 0.000000 -24902183.520 0.000

L17.Conduct -0.139164 0.000000 -14503853.529 0.000

L17.Water -0.101558 0.000000 -11987296.065 0.000

L17.Temp 0.053259 0.000000 12455776.325 0.000

L17.Precip. horaria 0.001987 0.000002 1056.785 0.000

L17.Temp. prom aire 0.105635 NAN NAN NAN

L18.Conduct -0.043911 NAN NAN NAN

L18.Water -0.048138 0.000000 -1876972.011 0.000

L18.Temp 0.003433 0.000000 2054464.206 0.000

L18.Precip. horaria -0.003239 NAN NAN NAN

L18.Temp. prom aire -0.061023 0.000000 -11509305.006 0.000

L19.Conduct 0.000373 0.000000 34180.314 0.000

L19.Water -0.016294 0.000000 -3912484.782 0.000

L19.Temp 0.004971 0.000000 1710799.223 0.000

L19.Precip. horaria -0.000505 NAN NAN NAN

L19.Temp. prom aire 0.068778 NAN NAN NAN

L20.Conduct 0.000615 0.000000 63133.963 0.000

L20.Water 0.005017 0.000000 457481.839 0.000

L20.Temp 0.037820 NAN NAN NAN

L20.Precip. horaria 0.001612 0.000002 983.497 0.000

L20.Temp. prom aire -0.019056 NAN NAN NAN

L21.Conduct -0.056155 NAN NAN NAN

L21.Water -0.026291 NAN NAN NAN

L21.Temp 0.024120 NAN NAN NAN

L21.Precip. horaria 0.000518 0.000001 657.412 0.000

L21.Temp. prom aire 0.030234 NAN NAN NAN

L22.Conduct -0.098526 NAN NAN NAN

L22.Water -0.049671 NAN NAN NAN

L22.Temp 0.039602 NAN NAN NAN

L22.Precip. horaria 0.000251 0.000002 150.407 0.000

L22.Temp. prom aire 0.007304 0.000000 2588197.469 0.000

L23.Conduct -0.035496 0.000000 -2395190.589 0.000

L23.Water -0.011280 NAN NAN NAN

L23.Temp 0.029273 0.000000 11460294.347 0.000

L23.Precip. horaria -0.001692 0.000002 -1114.704 0.000

L23.Temp. prom aire -0.030043 NAN NAN NAN

L24.Conduct -0.000681 0.000000 -25090.385 0.000

L24.Water 0.007560 NAN NAN NAN

L24.Temp 0.089672 NAN NAN NAN

L24.Precip. horaria -0.000058 NAN NAN NAN

L24.Temp. prom aire 0.095689 NAN NAN NAN

L25.Conduct 0.009205 0.000000 1110192.158 0.000

L25.Water 0.001266 NAN NAN NAN

L25.Temp -0.037070 NAN NAN NAN

L25.Precip. horaria 0.000029 NAN NAN NAN

L25.Temp. prom aire 0.013731 NAN NAN NAN

L26.Conduct -0.001164 NAN NAN NAN

L26.Water 0.001704 NAN NAN NAN

L26.Temp 0.034023 NAN NAN NAN

L26.Precip. horaria -0.000001 0.000146 -0.006 0.995

L26.Temp. prom aire 0.004680 NAN NAN NAN

L27.Conduct 0.014156 NAN NAN NAN

L27.Water 0.008767 0.000000 735836.818 0.000

L27.Temp 0.065472 0.000000 37857051.470 0.000

L27.Precip. horaria 0.000009 NAN NAN NAN

L27.Temp. prom aire 0.029255 0.000000 6015873.454 0.000

L28.Conduct -0.000497 0.000000 -22380.754 0.000

L28.Water 0.002062 NAN NAN NAN

L28.Temp -0.012658 0.000000 -3244606.863 0.000

L28.Precip. horaria -0.000011 NAN NAN NAN

L28.Temp. prom aire -0.003133 NAN NAN NAN

L29.Conduct 0.002933 0.000000 318090.847 0.000

L29.Water 0.005257 0.000000 796749.513 0.000

L29.Temp 0.024839 0.000000 11182348.220 0.000

L29.Precip. horaria -0.000019 0.000052 -0.363 0.717

L29.Temp. prom aire -0.058129 NAN NAN NAN

L30.Conduct -0.005130 0.000000 -434652.387 0.000

L30.Water 0.002333 NAN NAN NAN

L30.Temp 0.002800 0.000000 590243.966 0.000

L30.Precip. horaria -0.000005 NAN NAN NAN

L30.Temp. prom aire 0.041616 NAN NAN NAN

L31.Conduct 0.015352 0.000000 1153189.095 0.000

L31.Water 0.014345 0.000000 1156951.467 0.000

L31.Temp 0.005936 NAN NAN NAN

L31.Precip. horaria 0.000005 0.000145 0.036 0.971

L31.Temp. prom aire 0.022195 0.000000 10563158.983 0.000

L32.Conduct -0.010853 NAN NAN NAN

L32.Water -0.017653 NAN NAN NAN

L32.Temp 0.058551 0.000000 81605569.688 0.000

L32.Precip. horaria -0.000001 NAN NAN NAN

L32.Temp. prom aire -0.016563 0.000000 -2950152.669 0.000

L33.Conduct 0.012504 0.000000 11618621.547 0.000

L33.Water 0.027822 NAN NAN NAN

L33.Temp -0.013598 NAN NAN NAN

L33.Precip. horaria 0.000023 NAN NAN NAN

L33.Temp. prom aire 0.017976 NAN NAN NAN

L34.Conduct -0.011738 0.000000 -1679686.048 0.000

L34.Water -0.010097 NAN NAN NAN

L34.Temp 0.041090 0.000000 29959593.316 0.000

L34.Precip. horaria 0.000123 0.000019 6.626 0.000

L34.Temp. prom aire -0.023263 NAN NAN NAN

L35.Conduct -0.002746 NAN NAN NAN

L35.Water 0.016846 NAN NAN NAN

L35.Temp -0.011642 0.000000 -2066086.203 0.000

L35.Precip. horaria 0.000071 NAN NAN NAN

L35.Temp. prom aire 0.050439 0.000000 12453778.890 0.000

L36.Conduct 0.004761 NAN NAN NAN

L36.Water 0.010278 NAN NAN NAN

L36.Temp 0.061693 0.000000 37206862.820 0.000

L36.Precip. horaria -0.000757 NAN NAN NAN

L36.Temp. prom aire 0.034147 NAN NAN NAN

L37.Conduct 0.033694 0.000000 6758530.751 0.000

L37.Water 0.032764 NAN NAN NAN

L37.Temp 0.009926 0.000000 11760130.228 0.000

L37.Precip. horaria 0.000985 NAN NAN NAN

L37.Temp. prom aire 0.018157 NAN NAN NAN

L38.Conduct 0.007264 0.000000 611747.989 0.000

L38.Water -0.000807 NAN NAN NAN

L38.Temp 0.015508 0.000000 2846697.778 0.000

L38.Precip. horaria -0.000122 0.000005 -22.245 0.000

L38.Temp. prom aire -0.011614 0.000000 -2666303.736 0.000

L39.Conduct -0.015639 0.000000 -2477279.092 0.000

L39.Water -0.001242 NAN NAN NAN

L39.Temp 0.020974 NAN NAN NAN

L39.Precip. horaria -0.000062 0.000006 -10.876 0.000

L39.Temp. prom aire 0.010191 0.000000 1928573.819 0.000

L40.Conduct 0.039357 0.000000 5352042.988 0.000

L40.Water 0.022057 0.000000 5278891.083 0.000

L40.Temp -0.001190 0.000000 -265601.102 0.000

L40.Precip. horaria -0.000112 NAN NAN NAN

L40.Temp. prom aire 0.073923 NAN NAN NAN

L41.Conduct 0.021030 NAN NAN NAN

L41.Water 0.008337 0.000000 1432593.452 0.000

L41.Temp -0.021544 NAN NAN NAN

L41.Precip. horaria -0.001417 0.000003 -532.450 0.000

L41.Temp. prom aire -0.058309 0.000000 -26085612.849 0.000

L42.Conduct 0.038826 0.000000 18061252.380 0.000

L42.Water 0.005391 NAN NAN NAN

L42.Temp 0.051363 0.000000 12188703.023 0.000

L42.Precip. horaria 0.003008 NAN NAN NAN

L42.Temp. prom aire -0.012444 0.000000 -6249774.403 0.000

L43.Conduct -0.067358 NAN NAN NAN

L43.Water -0.048936 0.000000 -46372674.277 0.000

L43.Temp 0.039659 0.000000 26760211.057 0.000

L43.Precip. horaria -0.000115 NAN NAN NAN

L43.Temp. prom aire 0.012037 NAN NAN NAN

L44.Conduct 0.050380 NAN NAN NAN

L44.Water -0.016605 NAN NAN NAN

L44.Temp -0.018682 0.000000 -3354817.131 0.000

L44.Precip. horaria -0.002475 NAN NAN NAN

L44.Temp. prom aire 0.052741 NAN NAN NAN

L45.Conduct 0.025891 0.000000 15299436.161 0.000

L45.Water -0.013925 0.000000 -2504176.210 0.000

L45.Temp -0.007556 0.000000 -3781394.089 0.000

L45.Precip. horaria -0.000671 NAN NAN NAN

L45.Temp. prom aire -0.015554 0.000000 -5737246.356 0.000

L46.Conduct 0.029720 0.000000 5045300.650 0.000

L46.Water 0.002207 0.000000 1319129.578 0.000

L46.Temp -0.095674 0.000000 -80952669.809 0.000

L46.Precip. horaria 0.002169 NAN NAN NAN

L46.Temp. prom aire -0.041348 NAN NAN NAN

L47.Conduct 0.002665 NAN NAN NAN

L47.Water 0.065302 0.000000 35692545.334 0.000

L47.Temp 0.058130 0.000000 20798209.845 0.000

L47.Precip. horaria 0.002196 0.000002 1412.200 0.000

L47.Temp. prom aire -0.043713 0.000000 -8598608.043 0.000

L48.Conduct 0.017438 NAN NAN NAN

L48.Water -0.062886 0.000000 -23023251.979 0.000

L48.Temp -0.027493 0.000000 -5493000.797 0.000

L48.Precip. horaria -0.001684 NAN NAN NAN

L48.Temp. prom aire 0.050810 0.000000 23976663.737 0.000

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000275 0.000000 8071.958 0.000

L1.Conduct -0.049652 0.000000 -37430490.836 0.000

L1.Water -0.031718 0.000000 -8001424.628 0.000

L1.Temp 0.008781 NAN NAN NAN

L1.Precip. horaria -0.000624 0.000000 -4272.748 0.000

L1.Temp. prom aire 0.011844 0.000000 8554216.634 0.000

L2.Conduct -0.049739 0.000000 -46696827.626 0.000

L2.Water -0.042135 0.000000 -23174108.287 0.000

L2.Temp 0.034509 0.000000 7822572.411 0.000

L2.Precip. horaria -0.001152 NAN NAN NAN

L2.Temp. prom aire 0.078684 0.000000 55101246.136 0.000

L3.Conduct 0.123951 NAN NAN NAN

L3.Water 0.053147 0.000000 14665908.855 0.000

L3.Temp -0.056300 0.000000 -30560902.023 0.000

L3.Precip. horaria -0.006135 NAN NAN NAN

L3.Temp. prom aire -0.053883 NAN NAN NAN

L4.Conduct 0.082095 0.000000 39057227.932 0.000

L4.Water 0.057799 NAN NAN NAN

L4.Temp -0.008458 NAN NAN NAN

L4.Precip. horaria 0.006066 0.000000 19862.696 0.000

L4.Temp. prom aire -0.008140 NAN NAN NAN

L5.Conduct 0.025823 NAN NAN NAN

L5.Water 0.019374 NAN NAN NAN

L5.Temp -0.016589 0.000000 -6680884.091 0.000

L5.Precip. horaria 0.001404 NAN NAN NAN

L5.Temp. prom aire -0.034545 NAN NAN NAN

L6.Conduct -0.079614 NAN NAN NAN

L6.Water -0.036229 0.000000 -10947442.170 0.000

L6.Temp 0.020151 NAN NAN NAN

L6.Precip. horaria -0.000125 0.000001 -148.548 0.000

L6.Temp. prom aire 0.028162 0.000000 7702231.653 0.000

L7.Conduct 0.000870 0.000000 238559.574 0.000

L7.Water 0.000875 0.000000 358090.813 0.000

L7.Temp -0.001014 0.000000 -624213.129 0.000

L7.Precip. horaria -0.003147 NAN NAN NAN

L7.Temp. prom aire 0.015878 0.000000 3914956.910 0.000

L8.Conduct -0.011601 0.000000 -2736957.452 0.000

L8.Water -0.001813 0.000000 -844080.036 0.000

L8.Temp -0.018799 0.000000 -11597618.499 0.000

L8.Precip. horaria 0.000746 NAN NAN NAN

L8.Temp. prom aire -0.006853 0.000000 -2223779.956 0.000

L9.Conduct -0.001578 NAN NAN NAN

L9.Water 0.013550 0.000000 7593720.429 0.000

L9.Temp -0.004383 0.000000 -5461888.520 0.000

L9.Precip. horaria 0.002131 0.000002 1180.867 0.000

L9.Temp. prom aire -0.040511 0.000000 -44037914.784 0.000

L10.Conduct -0.038659 NAN NAN NAN

L10.Water -0.000374 0.000000 -43890.939 0.000

L10.Temp -0.009550 0.000000 -8216923.130 0.000

L10.Precip. horaria -0.001022 NAN NAN NAN

L10.Temp. prom aire 0.000058 NAN NAN NAN

L11.Conduct 0.029762 NAN NAN NAN

L11.Water 0.029701 NAN NAN NAN

L11.Temp 0.013318 NAN NAN NAN

L11.Precip. horaria -0.000386 0.000001 -544.018 0.000

L11.Temp. prom aire 0.013224 0.000000 3540959.582 0.000

L12.Conduct 0.033126 NAN NAN NAN

L12.Water 0.005555 NAN NAN NAN

L12.Temp 0.004529 NAN NAN NAN

L12.Precip. horaria -0.000969 0.000001 -1713.068 0.000

L12.Temp. prom aire 0.033915 NAN NAN NAN

L13.Conduct 0.069727 0.000000 18895070.325 0.000

L13.Water 0.013876 NAN NAN NAN

L13.Temp -0.007145 NAN NAN NAN

L13.Precip. horaria 0.000393 0.000001 465.267 0.000

L13.Temp. prom aire -0.021870 0.000000 -8993444.922 0.000

L14.Conduct 0.017928 NAN NAN NAN

L14.Water -0.018990 0.000000 -2850477.867 0.000

L14.Temp -0.008457 0.000000 -4539677.822 0.000

L14.Precip. horaria -0.000256 0.000001 -315.577 0.000

L14.Temp. prom aire -0.025409 NAN NAN NAN

L15.Conduct 0.042766 NAN NAN NAN

L15.Water 0.021250 NAN NAN NAN

L15.Temp -0.039115 NAN NAN NAN

L15.Precip. horaria 0.000099 0.000001 86.550 0.000

L15.Temp. prom aire 0.095969 NAN NAN NAN

L16.Conduct 0.023751 0.000000 10757819.743 0.000

L16.Water 0.014773 0.000000 4305601.080 0.000

L16.Temp 0.013551 NAN NAN NAN

L16.Precip. horaria 0.000748 NAN NAN NAN

L16.Temp. prom aire -0.094194 0.000000 -21996566.525 0.000

L17.Conduct -0.077762 0.000000 -11062937.983 0.000

L17.Water -0.051279 0.000000 -8262158.409 0.000

L17.Temp 0.040635 0.000000 12972574.417 0.000

L17.Precip. horaria 0.001320 0.000001 958.334 0.000

L17.Temp. prom aire 0.073764 NAN NAN NAN

L18.Conduct -0.039862 NAN NAN NAN

L18.Water -0.037506 0.000000 -1996248.078 0.000

L18.Temp 0.003486 0.000000 2847951.383 0.000

L18.Precip. horaria -0.002190 NAN NAN NAN

L18.Temp. prom aire -0.053704 0.000000 -13826234.503 0.000

L19.Conduct -0.021027 0.000000 -2627740.736 0.000

L19.Water -0.023409 0.000000 -7672651.444 0.000

L19.Temp 0.012614 0.000000 5926135.397 0.000

L19.Precip. horaria -0.000257 NAN NAN NAN

L19.Temp. prom aire 0.042882 NAN NAN NAN

L20.Conduct 0.025412 0.000000 3563711.829 0.000

L20.Water 0.018282 0.000000 2275771.403 0.000

L20.Temp 0.023638 NAN NAN NAN

L20.Precip. horaria 0.000313 0.000001 260.507 0.000

L20.Temp. prom aire -0.013371 NAN NAN NAN

L21.Conduct -0.029298 NAN NAN NAN

L21.Water -0.013739 NAN NAN NAN

L21.Temp 0.012302 NAN NAN NAN

L21.Precip. horaria 0.000977 0.000001 1694.365 0.000

L21.Temp. prom aire 0.030211 NAN NAN NAN

L22.Conduct -0.070288 NAN NAN NAN

L22.Water -0.037160 NAN NAN NAN

L22.Temp 0.015510 NAN NAN NAN

L22.Precip. horaria 0.000239 0.000001 195.802 0.000

L22.Temp. prom aire -0.005273 0.000000 -2550726.876 0.000

L23.Conduct -0.032054 0.000000 -2952484.760 0.000

L23.Water -0.009667 NAN NAN NAN

L23.Temp 0.024237 0.000000 12952450.699 0.000

L23.Precip. horaria -0.001228 0.000001 -1104.138 0.000

L23.Temp. prom aire -0.037739 NAN NAN NAN

L24.Conduct -0.009609 0.000000 -483210.495 0.000

L24.Water 0.004407 NAN NAN NAN

L24.Temp 0.079633 NAN NAN NAN

L24.Precip. horaria -0.000035 NAN NAN NAN

L24.Temp. prom aire 0.076715 NAN NAN NAN

L25.Conduct -0.003159 0.000000 -520146.278 0.000

L25.Water -0.001204 NAN NAN NAN

L25.Temp -0.025796 NAN NAN NAN

L25.Precip. horaria 0.000012 NAN NAN NAN

L25.Temp. prom aire 0.013894 NAN NAN NAN

L26.Conduct -0.009224 NAN NAN NAN

L26.Water -0.000429 NAN NAN NAN

L26.Temp 0.037681 NAN NAN NAN

L26.Precip. horaria -0.000004 0.000107 -0.036 0.971

L26.Temp. prom aire 0.004685 NAN NAN NAN

L27.Conduct 0.007654 NAN NAN NAN

L27.Water 0.006247 0.000000 715725.251 0.000

L27.Temp 0.067165 0.000000 53012959.501 0.000

L27.Precip. horaria 0.000009 NAN NAN NAN

L27.Temp. prom aire 0.042999 0.000000 12069556.192 0.000

L28.Conduct -0.000260 0.000000 -15966.868 0.000

L28.Water 0.001272 NAN NAN NAN

L28.Temp -0.006813 0.000000 -2383984.278 0.000

L28.Precip. horaria -0.000004 NAN NAN NAN

L28.Temp. prom aire -0.002031 NAN NAN NAN

L29.Conduct 0.000166 0.000000 24607.182 0.000

L29.Water 0.003145 0.000000 650745.180 0.000

L29.Temp 0.026008 0.000000 15983317.555 0.000

L29.Precip. horaria -0.000011 0.000038 -0.283 0.777

L29.Temp. prom aire -0.035757 NAN NAN NAN

L30.Conduct -0.004765 0.000000 -551149.893 0.000

L30.Water 0.003462 NAN NAN NAN

L30.Temp -0.000371 0.000000 -106725.281 0.000

L30.Precip. horaria 0.000000 NAN NAN NAN

L30.Temp. prom aire 0.033227 NAN NAN NAN

L31.Conduct 0.004591 0.000000 470732.505 0.000

L31.Water 0.006942 0.000000 764319.792 0.000

L31.Temp 0.009413 NAN NAN NAN

L31.Precip. horaria 0.000000 0.000106 0.002 0.998

L31.Temp. prom aire 0.005375 0.000000 3491633.425 0.000

L32.Conduct -0.016817 NAN NAN NAN

L32.Water -0.021530 NAN NAN NAN

L32.Temp 0.063634 0.000000 121063808.431 0.000

L32.Precip. horaria -0.000014 NAN NAN NAN

L32.Temp. prom aire 0.010166 0.000000 2471796.595 0.000

L33.Conduct 0.003332 0.000000 4226418.639 0.000

L33.Water 0.009477 NAN NAN NAN

L33.Temp 0.012350 NAN NAN NAN

L33.Precip. horaria 0.000005 NAN NAN NAN

L33.Temp. prom aire 0.010663 NAN NAN NAN

L34.Conduct -0.013144 0.000000 -2567402.630 0.000

L34.Water -0.024003 NAN NAN NAN

L34.Temp 0.045693 0.000000 45476349.047 0.000

L34.Precip. horaria 0.000175 0.000014 12.855 0.000

L34.Temp. prom aire -0.008857 NAN NAN NAN

L35.Conduct -0.009337 NAN NAN NAN

L35.Water -0.008094 NAN NAN NAN

L35.Temp -0.010393 0.000000 -2517787.192 0.000

L35.Precip. horaria -0.000030 NAN NAN NAN

L35.Temp. prom aire 0.042151 0.000000 14206604.697 0.000

L36.Conduct 0.000191 NAN NAN NAN

L36.Water -0.005274 NAN NAN NAN

L36.Temp 0.033519 0.000000 27594652.746 0.000

L36.Precip. horaria -0.000721 NAN NAN NAN

L36.Temp. prom aire 0.024353 NAN NAN NAN

L37.Conduct 0.023955 0.000000 6559026.387 0.000

L37.Water 0.014989 NAN NAN NAN

L37.Temp 0.007005 0.000000 11330315.929 0.000

L37.Precip. horaria 0.000781 NAN NAN NAN

L37.Temp. prom aire 0.004343 NAN NAN NAN

L38.Conduct -0.006077 0.000000 -698598.291 0.000

L38.Water -0.011661 NAN NAN NAN

L38.Temp 0.016155 0.000000 4047861.517 0.000

L38.Precip. horaria 0.000008 0.000004 2.023 0.043

L38.Temp. prom aire -0.017365 0.000000 -5441584.412 0.000

L39.Conduct -0.031087 0.000000 -6721948.109 0.000

L39.Water -0.014765 NAN NAN NAN

L39.Temp 0.020446 NAN NAN NAN

L39.Precip. horaria 0.000081 0.000004 19.531 0.000

L39.Temp. prom aire 0.009226 0.000000 2383262.628 0.000

L40.Conduct 0.010777 0.000000 2000568.020 0.000

L40.Water 0.006225 0.000000 2033864.485 0.000

L40.Temp -0.004530 0.000000 -1379821.313 0.000

L40.Precip. horaria -0.000429 NAN NAN NAN

L40.Temp. prom aire 0.057258 NAN NAN NAN

L41.Conduct 0.016665 NAN NAN NAN

L41.Water 0.009703 0.000000 2275817.445 0.000

L41.Temp -0.016038 NAN NAN NAN

L41.Precip. horaria -0.001572 0.000002 -806.689 0.000

L41.Temp. prom aire -0.026208 0.000000 -16004348.932 0.000

L42.Conduct 0.032167 0.000000 20425736.897 0.000

L42.Water 0.013355 NAN NAN NAN

L42.Temp 0.023414 0.000000 7584621.386 0.000

L42.Precip. horaria 0.002755 NAN NAN NAN

L42.Temp. prom aire -0.017445 0.000000 -11959585.120 0.000

L43.Conduct -0.062028 NAN NAN NAN

L43.Water -0.034576 0.000000 -44725219.726 0.000

L43.Temp 0.027630 0.000000 25448492.372 0.000

L43.Precip. horaria 0.000363 NAN NAN NAN

L43.Temp. prom aire -0.005043 NAN NAN NAN

L44.Conduct 0.027291 NAN NAN NAN

L44.Water -0.016389 NAN NAN NAN

L44.Temp 0.004579 0.000000 1122481.587 0.000

L44.Precip. horaria -0.002637 NAN NAN NAN

L44.Temp. prom aire 0.055847 NAN NAN NAN

L45.Conduct 0.019483 0.000000 15715430.813 0.000

L45.Water -0.020675 0.000000 -5075195.910 0.000

L45.Temp -0.011812 0.000000 -8069610.753 0.000

L45.Precip. horaria -0.001547 NAN NAN NAN

L45.Temp. prom aire 0.001100 0.000000 554093.379 0.000

L46.Conduct 0.029034 0.000000 6727982.228 0.000

L46.Water 0.010135 0.000000 8270568.301 0.000

L46.Temp -0.077679 0.000000 -89719445.514 0.000

L46.Precip. horaria 0.001292 NAN NAN NAN

L46.Temp. prom aire -0.034597 NAN NAN NAN

L47.Conduct 0.025672 NAN NAN NAN

L47.Water 0.085066 0.000000 63467104.304 0.000

L47.Temp 0.036565 0.000000 17857956.853 0.000

L47.Precip. horaria 0.002520 0.000001 2211.830 0.000

L47.Temp. prom aire -0.042320 0.000000 -11363418.244 0.000

L48.Conduct 0.021432 NAN NAN NAN

L48.Water -0.045500 0.000000 -22738840.491 0.000

L48.Temp -0.030195 0.000000 -8234988.723 0.000

L48.Precip. horaria 0.000273 NAN NAN NAN

L48.Temp. prom aire 0.022624 0.000000 14572977.499 0.000

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000335 0.000000 17525.277 0.000

L1.Conduct 0.008914 0.000000 11988962.297 0.000

L1.Water -0.007535 0.000000 -3391524.100 0.000

L1.Temp -0.011040 NAN NAN NAN

L1.Precip. horaria -0.001918 0.000000 -23440.926 0.000

L1.Temp. prom aire -0.016672 0.000000 -21482369.654 0.000

L2.Conduct 0.018453 0.000000 30908030.939 0.000

L2.Water 0.007115 0.000000 6981518.975 0.000

L2.Temp 0.009644 0.000000 3900199.017 0.000

L2.Precip. horaria 0.001400 NAN NAN NAN

L2.Temp. prom aire 0.011289 0.000000 14104354.249 0.000

L3.Conduct -0.052623 NAN NAN NAN

L3.Water -0.031125 0.000000 -15323786.480 0.000

L3.Temp 0.003997 0.000000 3870884.165 0.000

L3.Precip. horaria 0.001200 NAN NAN NAN

L3.Temp. prom aire -0.012001 NAN NAN NAN

L4.Conduct 0.005144 0.000000 4366030.385 0.000

L4.Water 0.026602 NAN NAN NAN

L4.Temp 0.015919 NAN NAN NAN

L4.Precip. horaria 0.000801 0.000000 4677.749 0.000

L4.Temp. prom aire 0.008538 NAN NAN NAN

L5.Conduct -0.021579 NAN NAN NAN

L5.Water -0.004943 NAN NAN NAN

L5.Temp 0.014366 0.000000 10322645.178 0.000

L5.Precip. horaria -0.000780 NAN NAN NAN

L5.Temp. prom aire -0.005059 NAN NAN NAN

L6.Conduct -0.034019 NAN NAN NAN

L6.Water -0.015365 0.000000 -8283463.562 0.000

L6.Temp 0.033053 NAN NAN NAN

L6.Precip. horaria 0.000670 0.000000 1422.863 0.000

L6.Temp. prom aire 0.046179 0.000000 22533249.359 0.000

L7.Conduct 0.038960 0.000000 19064734.602 0.000

L7.Water 0.017519 0.000000 12798221.852 0.000

L7.Temp -0.000336 0.000000 -368686.369 0.000

L7.Precip. horaria -0.002435 NAN NAN NAN

L7.Temp. prom aire -0.013592 0.000000 -5979193.043 0.000

L8.Conduct 0.016608 0.000000 6990213.489 0.000

L8.Water 0.010454 0.000000 8681891.841 0.000

L8.Temp 0.014882 0.000000 16380958.423 0.000

L8.Precip. horaria 0.001438 NAN NAN NAN

L8.Temp. prom aire 0.020179 0.000000 11683222.585 0.000

L9.Conduct 0.020830 NAN NAN NAN

L9.Water 0.014262 0.000000 14260088.127 0.000

L9.Temp 0.002499 0.000000 5556143.649 0.000

L9.Precip. horaria -0.000532 0.000001 -526.083 0.000

L9.Temp. prom aire -0.009491 0.000000 -18406221.900 0.000

L10.Conduct -0.002044 NAN NAN NAN

L10.Water 0.005302 0.000000 1110586.359 0.000

L10.Temp 0.015542 0.000000 23856841.993 0.000

L10.Precip. horaria 0.000542 NAN NAN NAN

L10.Temp. prom aire 0.012646 NAN NAN NAN

L11.Conduct -0.003257 NAN NAN NAN

L11.Water -0.000080 NAN NAN NAN

L11.Temp 0.012072 NAN NAN NAN

L11.Precip. horaria -0.000224 0.000000 -563.886 0.000

L11.Temp. prom aire 0.002582 0.000000 1233681.366 0.000

L12.Conduct -0.006741 NAN NAN NAN

L12.Water -0.002000 NAN NAN NAN

L12.Temp 0.011052 NAN NAN NAN

L12.Precip. horaria 0.000641 0.000000 2021.298 0.000

L12.Temp. prom aire 0.015442 NAN NAN NAN

L13.Conduct 0.002692 0.000000 1301546.373 0.000

L13.Water 0.006967 NAN NAN NAN

L13.Temp -0.003330 NAN NAN NAN

L13.Precip. horaria -0.000694 0.000000 -1466.548 0.000

L13.Temp. prom aire -0.003650 0.000000 -2678098.776 0.000

L14.Conduct 0.005442 NAN NAN NAN

L14.Water 0.013149 0.000000 3521293.330 0.000

L14.Temp 0.014483 0.000000 13870683.600 0.000

L14.Precip. horaria 0.000747 0.000000 1643.103 0.000

L14.Temp. prom aire 0.008789 NAN NAN NAN

L15.Conduct 0.002786 NAN NAN NAN

L15.Water 0.010545 NAN NAN NAN

L15.Temp 0.007376 NAN NAN NAN

L15.Precip. horaria -0.000087 0.000001 -135.042 0.000

L15.Temp. prom aire -0.003728 NAN NAN NAN

L16.Conduct 0.009408 0.000000 7602296.538 0.000

L16.Water 0.010456 0.000000 5437351.909 0.000

L16.Temp 0.012070 NAN NAN NAN

L16.Precip. horaria -0.000086 NAN NAN NAN

L16.Temp. prom aire 0.000098 0.000000 40802.929 0.000

L17.Conduct 0.002609 0.000000 662266.694 0.000

L17.Water -0.003916 0.000000 -1125800.689 0.000

L17.Temp 0.003598 0.000000 2049296.154 0.000

L17.Precip. horaria -0.000378 0.000001 -489.936 0.000

L17.Temp. prom aire 0.014011 NAN NAN NAN

L18.Conduct 0.036682 NAN NAN NAN

L18.Water 0.019778 0.000000 1878143.553 0.000

L18.Temp 0.006587 0.000000 9599296.648 0.000

L18.Precip. horaria -0.000195 NAN NAN NAN

L18.Temp. prom aire -0.019363 0.000000 -8894063.798 0.000

L19.Conduct 0.029971 0.000000 6682557.845 0.000

L19.Water 0.012944 0.000000 7569359.869 0.000

L19.Temp -0.009367 0.000000 -7851591.649 0.000

L19.Precip. horaria 0.000114 NAN NAN NAN

L19.Temp. prom aire 0.044500 NAN NAN NAN

L20.Conduct -0.001192 0.000000 -298330.043 0.000

L20.Water -0.001855 0.000000 -411933.908 0.000

L20.Temp 0.004822 NAN NAN NAN

L20.Precip. horaria 0.000702 0.000001 1043.195 0.000

L20.Temp. prom aire -0.017931 NAN NAN NAN

L21.Conduct 0.004343 NAN NAN NAN

L21.Water 0.003229 NAN NAN NAN

L21.Temp 0.007933 NAN NAN NAN

L21.Precip. horaria -0.000327 0.000000 -1012.031 0.000

L21.Temp. prom aire 0.015527 NAN NAN NAN

L22.Conduct -0.006173 NAN NAN NAN

L22.Water -0.001547 NAN NAN NAN

L22.Temp 0.016183 NAN NAN NAN

L22.Precip. horaria 0.000241 0.000001 352.465 0.000

L22.Temp. prom aire -0.000849 0.000000 -732884.072 0.000

L23.Conduct 0.000246 0.000000 40388.892 0.000

L23.Water 0.000117 NAN NAN NAN

L23.Temp 0.000204 0.000000 194356.753 0.000

L23.Precip. horaria -0.000149 0.000001 -239.409 0.000

L23.Temp. prom aire 0.008561 NAN NAN NAN

L24.Conduct 0.005288 0.000000 474435.260 0.000

L24.Water 0.002564 NAN NAN NAN

L24.Temp 0.008479 NAN NAN NAN

L24.Precip. horaria -0.000034 NAN NAN NAN

L24.Temp. prom aire 0.000902 NAN NAN NAN

L25.Conduct 0.009279 0.000000 2725498.966 0.000

L25.Water 0.002800 NAN NAN NAN

L25.Temp 0.004251 NAN NAN NAN

L25.Precip. horaria 0.000020 NAN NAN NAN

L25.Temp. prom aire 0.012998 NAN NAN NAN

L26.Conduct 0.009286 NAN NAN NAN

L26.Water 0.002641 NAN NAN NAN

L26.Temp -0.004170 NAN NAN NAN

L26.Precip. horaria -0.000005 0.000060 -0.089 0.929

L26.Temp. prom aire 0.002939 NAN NAN NAN

L27.Conduct 0.003707 NAN NAN NAN

L27.Water 0.000943 0.000000 192860.616 0.000

L27.Temp -0.010555 0.000000 -14863383.340 0.000

L27.Precip. horaria 0.000012 NAN NAN NAN

L27.Temp. prom aire -0.025458 0.000000 -12749110.075 0.000

L28.Conduct -0.000850 0.000000 -93253.260 0.000

L28.Water 0.001714 NAN NAN NAN

L28.Temp 0.020057 0.000000 12521327.262 0.000

L28.Precip. horaria -0.000005 NAN NAN NAN

L28.Temp. prom aire 0.012636 NAN NAN NAN

L29.Conduct 0.003097 0.000000 817840.274 0.000

L29.Water 0.001521 0.000000 561243.348 0.000

L29.Temp -0.005948 0.000000 -6521523.290 0.000

L29.Precip. horaria -0.000001 0.000022 -0.027 0.978

L29.Temp. prom aire 0.010397 NAN NAN NAN

L30.Conduct -0.002839 0.000000 -585790.210 0.000

L30.Water -0.002705 NAN NAN NAN

L30.Temp 0.011267 0.000000 5785190.096 0.000

L30.Precip. horaria -0.000008 NAN NAN NAN

L30.Temp. prom aire -0.002198 NAN NAN NAN

L31.Conduct 0.008334 0.000000 1524637.012 0.000

L31.Water 0.005208 0.000000 1022915.351 0.000

L31.Temp 0.016374 NAN NAN NAN

L31.Precip. horaria 0.000006 0.000059 0.108 0.914

L31.Temp. prom aire 0.025820 0.000000 29926307.749 0.000

L32.Conduct 0.005608 NAN NAN NAN

L32.Water 0.003038 NAN NAN NAN

L32.Temp -0.005124 0.000000 -17393047.435 0.000

L32.Precip. horaria 0.000007 NAN NAN NAN

L32.Temp. prom aire -0.013893 0.000000 -6026561.042 0.000

L33.Conduct 0.008224 0.000000 18609227.355 0.000

L33.Water 0.009711 NAN NAN NAN

L33.Temp -0.006464 NAN NAN NAN

L33.Precip. horaria 0.000007 NAN NAN NAN

L33.Temp. prom aire 0.009606 NAN NAN NAN

L34.Conduct 0.005099 0.000000 1776950.477 0.000

L34.Water 0.010364 NAN NAN NAN

L34.Temp -0.001660 0.000000 -2948073.242 0.000

L34.Precip. horaria -0.000091 0.000008 -12.007 0.000

L34.Temp. prom aire -0.005517 NAN NAN NAN

L35.Conduct 0.011645 NAN NAN NAN

L35.Water 0.020289 NAN NAN NAN

L35.Temp -0.009263 0.000000 -4003435.747 0.000

L35.Precip. horaria 0.000110 NAN NAN NAN

L35.Temp. prom aire -0.000914 0.000000 -549445.979 0.000

L36.Conduct -0.000865 NAN NAN NAN

L36.Water 0.003842 NAN NAN NAN

L36.Temp 0.023723 0.000000 34843057.391 0.000

L36.Precip. horaria 0.000037 NAN NAN NAN

L36.Temp. prom aire -0.002072 NAN NAN NAN

L37.Conduct 0.002637 0.000000 1288093.883 0.000

L37.Water 0.012893 NAN NAN NAN

L37.Temp 0.002699 0.000000 7789351.860 0.000

L37.Precip. horaria -0.000004 NAN NAN NAN

L37.Temp. prom aire 0.008497 NAN NAN NAN

L38.Conduct 0.006934 0.000000 1422233.901 0.000

L38.Water 0.005166 NAN NAN NAN

L38.Temp 0.020031 0.000000 8954926.554 0.000

L38.Precip. horaria -0.000060 0.000002 -26.639 0.000

L38.Temp. prom aire 0.012954 0.000000 7242361.646 0.000

L39.Conduct 0.010720 0.000000 4135582.286 0.000

L39.Water 0.009351 NAN NAN NAN

L39.Temp -0.003861 NAN NAN NAN

L39.Precip. horaria -0.000037 0.000002 -15.956 0.000

L39.Temp. prom aire 0.004973 0.000000 2291694.857 0.000

L40.Conduct 0.012480 0.000000 4133096.133 0.000

L40.Water 0.007313 0.000000 4262521.761 0.000

L40.Temp 0.012535 0.000000 6812292.864 0.000

L40.Precip. horaria 0.000107 NAN NAN NAN

L40.Temp. prom aire 0.009528 NAN NAN NAN

L41.Conduct 0.003927 NAN NAN NAN

L41.Water 0.005252 0.000000 2197709.707 0.000

L41.Temp 0.006762 NAN NAN NAN

L41.Precip. horaria 0.000311 0.000001 284.397 0.000

L41.Temp. prom aire -0.005587 0.000000 -6086724.620 0.000

L42.Conduct 0.009361 0.000000 10604913.788 0.000

L42.Water 0.001759 NAN NAN NAN

L42.Temp 0.018993 0.000000 10976473.193 0.000

L42.Precip. horaria -0.000295 NAN NAN NAN

L42.Temp. prom aire 0.012109 0.000000 14810870.587 0.000

L43.Conduct 0.002135 NAN NAN NAN

L43.Water 0.001813 0.000000 4184335.072 0.000

L43.Temp 0.009236 0.000000 15176853.633 0.000

L43.Precip. horaria -0.000212 NAN NAN NAN

L43.Temp. prom aire 0.004500 NAN NAN NAN

L44.Conduct 0.010510 NAN NAN NAN

L44.Water 0.008232 NAN NAN NAN

L44.Temp -0.005733 0.000000 -2507053.325 0.000

L44.Precip. horaria 0.000665 NAN NAN NAN

L44.Temp. prom aire 0.004146 NAN NAN NAN

L45.Conduct 0.001032 0.000000 1485730.976 0.000

L45.Water 0.016651 0.000000 7292347.875 0.000

L45.Temp 0.010954 0.000000 13350383.152 0.000

L45.Precip. horaria 0.000033 NAN NAN NAN

L45.Temp. prom aire -0.001633 0.000000 -1466781.619 0.000

L46.Conduct 0.013573 0.000000 5611565.687 0.000

L46.Water 0.004599 0.000000 6696016.971 0.000

L46.Temp 0.006745 0.000000 13898881.427 0.000

L46.Precip. horaria 0.000636 NAN NAN NAN

L46.Temp. prom aire 0.004278 NAN NAN NAN

L47.Conduct -0.028146 NAN NAN NAN

L47.Water -0.017146 0.000000 -22823918.219 0.000

L47.Temp 0.022458 0.000000 19568760.731 0.000

L47.Precip. horaria 0.000096 0.000001 150.031 0.000

L47.Temp. prom aire -0.000264 0.000000 -126329.107 0.000

L48.Conduct -0.007272 NAN NAN NAN

L48.Water 0.003663 0.000000 3266376.213 0.000

L48.Temp 0.017511 0.000000 8520580.382 0.000

L48.Precip. horaria -0.001268 NAN NAN NAN

L48.Temp. prom aire 0.027140 0.000000 31190480.855 0.000

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000000 0.000000 444.828 0.000

L1.Conduct -0.002140 0.000000 -68900167.688 0.000

L1.Water -0.000940 0.000000 -10129687.426 0.000

L1.Temp -0.002511 NAN NAN NAN

L1.Precip. horaria -0.000170 0.000000 -49797.709 0.000

L1.Temp. prom aire -0.003217 0.000000 -99221356.598 0.000

L2.Conduct 0.002556 0.000000 102487436.561 0.000

L2.Water 0.002325 0.000000 54611988.817 0.000

L2.Temp 0.001503 0.000000 14547578.329 0.000

L2.Precip. horaria -0.000042 NAN NAN NAN

L2.Temp. prom aire 0.002479 0.000000 74133328.890 0.000

L3.Conduct -0.000915 NAN NAN NAN

L3.Water -0.000729 0.000000 -8591807.691 0.000

L3.Temp -0.000197 0.000000 -4569833.756 0.000

L3.Precip. horaria -0.000220 NAN NAN NAN

L3.Temp. prom aire 0.001510 NAN NAN NAN

L4.Conduct 0.003560 0.000000 72333179.840 0.000

L4.Water 0.002679 NAN NAN NAN

L4.Temp -0.000267 NAN NAN NAN

L4.Precip. horaria 0.000053 0.000000 7344.783 0.000

L4.Temp. prom aire -0.000794 NAN NAN NAN

L5.Conduct -0.004238 NAN NAN NAN

L5.Water -0.003930 NAN NAN NAN

L5.Temp -0.000882 0.000000 -15177832.828 0.000

L5.Precip. horaria -0.000032 NAN NAN NAN

L5.Temp. prom aire -0.002204 NAN NAN NAN

L6.Conduct -0.001206 NAN NAN NAN

L6.Water -0.000484 0.000000 -6247121.061 0.000

L6.Temp 0.000714 NAN NAN NAN

L6.Precip. horaria 0.000023 0.000000 1192.663 0.000

L6.Temp. prom aire 0.000866 0.000000 10120440.391 0.000

L7.Conduct 0.007307 0.000000 85595778.320 0.000

L7.Water 0.004309 0.000000 75354111.795 0.000

L7.Temp -0.001114 0.000000 -29297169.668 0.000

L7.Precip. horaria -0.000196 NAN NAN NAN

L7.Temp. prom aire -0.001545 0.000000 -16270262.670 0.000

L8.Conduct -0.002083 0.000000 -20987834.104 0.000

L8.Water -0.001708 0.000000 -33951528.586 0.000

L8.Temp 0.001122 0.000000 29573193.495 0.000

L8.Precip. horaria 0.000279 NAN NAN NAN

L8.Temp. prom aire 0.002738 0.000000 37939759.785 0.000

L9.Conduct -0.002983 NAN NAN NAN

L9.Water -0.002588 0.000000 -61930168.119 0.000

L9.Temp -0.000347 0.000000 -18492015.731 0.000

L9.Precip. horaria 0.000089 0.000000 2117.265 0.000

L9.Temp. prom aire 0.000504 0.000000 23379717.152 0.000

L10.Conduct -0.003139 NAN NAN NAN

L10.Water -0.000606 0.000000 -3037387.451 0.000

L10.Temp -0.002498 0.000000 -91802399.192 0.000

L10.Precip. horaria -0.000168 NAN NAN NAN

L10.Temp. prom aire -0.003733 NAN NAN NAN

L11.Conduct 0.001557 NAN NAN NAN

L11.Water 0.003140 NAN NAN NAN

L11.Temp 0.000902 NAN NAN NAN

L11.Precip. horaria 0.000117 0.000000 7039.293 0.000

L11.Temp. prom aire -0.000036 0.000000 -410453.390 0.000

L12.Conduct -0.001650 NAN NAN NAN

L12.Water 0.000386 NAN NAN NAN

L12.Temp 0.000390 NAN NAN NAN

L12.Precip. horaria -0.000024 0.000000 -1821.149 0.000

L12.Temp. prom aire 0.000146 NAN NAN NAN

L13.Conduct 0.001834 0.000000 21226490.897 0.000

L13.Water 0.000349 NAN NAN NAN

L13.Temp 0.001233 NAN NAN NAN

L13.Precip. horaria -0.000088 0.000000 -4441.092 0.000

L13.Temp. prom aire 0.001558 0.000000 27361118.128 0.000

L14.Conduct -0.000690 NAN NAN NAN

L14.Water -0.003613 0.000000 -23164397.604 0.000

L14.Temp 0.000383 0.000000 8779908.472 0.000

L14.Precip. horaria -0.000109 0.000000 -5716.084 0.000

L14.Temp. prom aire 0.002038 NAN NAN NAN

L15.Conduct 0.008678 NAN NAN NAN

L15.Water 0.003903 NAN NAN NAN

L15.Temp -0.002447 NAN NAN NAN

L15.Precip. horaria -0.000016 0.000000 -585.213 0.000

L15.Temp. prom aire -0.000507 NAN NAN NAN

L16.Conduct 0.004411 0.000000 85330838.809 0.000

L16.Water 0.002235 0.000000 27825652.721 0.000

L16.Temp -0.001641 NAN NAN NAN

L16.Precip. horaria 0.000079 NAN NAN NAN

L16.Temp. prom aire -0.003997 0.000000 -39860500.851 0.000

L17.Conduct -0.006865 0.000000 -41708303.884 0.000

L17.Water -0.003410 0.000000 -23461269.002 0.000

L17.Temp 0.001154 0.000000 15733282.468 0.000

L17.Precip. horaria 0.000240 0.000000 7428.198 0.000

L17.Temp. prom aire 0.003362 NAN NAN NAN

L18.Conduct -0.002924 NAN NAN NAN

L18.Water -0.001038 0.000000 -2360267.808 0.000

L18.Temp 0.000153 0.000000 5322178.549 0.000

L18.Precip. horaria -0.000158 NAN NAN NAN

L18.Temp. prom aire -0.002762 0.000000 -30368656.790 0.000

L19.Conduct -0.003658 0.000000 -19521523.529 0.000

L19.Water -0.001946 0.000000 -27241431.444 0.000

L19.Temp 0.000441 0.000000 8839444.113 0.000

L19.Precip. horaria 0.000019 NAN NAN NAN

L19.Temp. prom aire 0.004318 NAN NAN NAN

L20.Conduct -0.000144 0.000000 -862247.691 0.000

L20.Water 0.000022 0.000000 115011.748 0.000

L20.Temp 0.000847 NAN NAN NAN

L20.Precip. horaria -0.000070 0.000000 -2479.453 0.000

L20.Temp. prom aire -0.005199 NAN NAN NAN

L21.Conduct 0.001182 NAN NAN NAN

L21.Water 0.000790 NAN NAN NAN

L21.Temp 0.000383 NAN NAN NAN

L21.Precip. horaria -0.000002 0.000000 -120.231 0.000

L21.Temp. prom aire 0.003157 NAN NAN NAN

L22.Conduct 0.000201 NAN NAN NAN

L22.Water 0.000065 NAN NAN NAN

L22.Temp 0.000123 NAN NAN NAN

L22.Precip. horaria 0.000027 0.000000 955.737 0.000

L22.Temp. prom aire 0.000161 0.000000 3334702.560 0.000

L23.Conduct 0.000168 0.000000 660289.094 0.000

L23.Water -0.000026 NAN NAN NAN

L23.Temp -0.000203 0.000000 -4626528.865 0.000

L23.Precip. horaria -0.000005 0.000000 -183.533 0.000

L23.Temp. prom aire -0.000040 NAN NAN NAN

L24.Conduct 0.000099 0.000000 212469.825 0.000

L24.Water 0.000095 NAN NAN NAN

L24.Temp 0.001059 NAN NAN NAN

L24.Precip. horaria -0.000002 NAN NAN NAN

L24.Temp. prom aire -0.001852 NAN NAN NAN

L25.Conduct -0.000359 0.000000 -2526552.260 0.000

L25.Water -0.000112 NAN NAN NAN

L25.Temp -0.000706 NAN NAN NAN

L25.Precip. horaria 0.000003 NAN NAN NAN

L25.Temp. prom aire 0.000317 NAN NAN NAN

L26.Conduct -0.000380 NAN NAN NAN

L26.Water -0.000085 NAN NAN NAN

L26.Temp -0.000002 NAN NAN NAN

L26.Precip. horaria -0.000002 0.000003 -0.813 0.416

L26.Temp. prom aire 0.001537 NAN NAN NAN

L27.Conduct -0.000185 NAN NAN NAN

L27.Water -0.000013 0.000000 -65194.022 0.000

L27.Temp 0.000718 0.000000 24207630.250 0.000

L27.Precip. horaria 0.000000 NAN NAN NAN

L27.Temp. prom aire 0.001125 0.000000 13487372.080 0.000

L28.Conduct 0.000026 0.000000 68758.864 0.000

L28.Water 0.000044 NAN NAN NAN

L28.Temp 0.001269 0.000000 18967794.250 0.000

L28.Precip. horaria 0.000001 NAN NAN NAN

L28.Temp. prom aire 0.002830 NAN NAN NAN

L29.Conduct -0.000007 0.000000 -45121.494 0.000

L29.Water 0.000006 0.000000 51377.396 0.000

L29.Temp -0.000392 0.000000 -10283786.423 0.000

L29.Precip. horaria 0.000001 0.000001 0.791 0.429

L29.Temp. prom aire -0.005530 NAN NAN NAN

L30.Conduct -0.000589 0.000000 -2908791.469 0.000

L30.Water -0.000110 NAN NAN NAN

L30.Temp 0.001169 0.000000 14365770.534 0.000

L30.Precip. horaria -0.000001 NAN NAN NAN

L30.Temp. prom aire 0.001546 NAN NAN NAN

L31.Conduct 0.000688 0.000000 3011512.257 0.000

L31.Water 0.000458 0.000000 2155624.332 0.000

L31.Temp 0.000537 NAN NAN NAN

L31.Precip. horaria -0.000002 0.000002 -0.623 0.533

L31.Temp. prom aire 0.000742 0.000000 20579212.348 0.000

L32.Conduct 0.000199 NAN NAN NAN

L32.Water -0.000308 NAN NAN NAN

L32.Temp -0.001960 0.000000 -159262844.472 0.000

L32.Precip. horaria -0.000000 NAN NAN NAN

L32.Temp. prom aire 0.000014 0.000000 142238.613 0.000

L33.Conduct 0.000335 0.000000 18160967.384 0.000

L33.Water 0.000224 NAN NAN NAN

L33.Temp -0.000449 NAN NAN NAN

L33.Precip. horaria 0.000001 NAN NAN NAN

L33.Temp. prom aire -0.000492 NAN NAN NAN

L34.Conduct -0.000734 0.000000 -6122087.762 0.000

L34.Water -0.000585 NAN NAN NAN

L34.Temp 0.001143 0.000000 48600343.322 0.000

L34.Precip. horaria 0.000002 0.000000 5.180 0.000

L34.Temp. prom aire -0.001047 NAN NAN NAN

L35.Conduct -0.000542 NAN NAN NAN

L35.Water 0.000035 NAN NAN NAN

L35.Temp 0.000639 0.000000 6610989.797 0.000

L35.Precip. horaria 0.000004 NAN NAN NAN

L35.Temp. prom aire 0.000726 0.000000 10450016.431 0.000

L36.Conduct -0.001246 NAN NAN NAN

L36.Water -0.001226 NAN NAN NAN

L36.Temp 0.002445 0.000000 85952362.830 0.000

L36.Precip. horaria -0.000009 NAN NAN NAN

L36.Temp. prom aire 0.001078 NAN NAN NAN

L37.Conduct 0.000424 0.000000 4958350.233 0.000

L37.Water 0.000494 NAN NAN NAN

L37.Temp -0.000845 0.000000 -58341538.887 0.000

L37.Precip. horaria 0.000004 NAN NAN NAN

L37.Temp. prom aire 0.002047 NAN NAN NAN

L38.Conduct 0.000340 0.000000 1670688.211 0.000

L38.Water -0.000694 NAN NAN NAN

L38.Temp 0.000355 0.000000 3798979.155 0.000

L38.Precip. horaria -0.000006 0.000000 -61.577 0.000

L38.Temp. prom aire -0.001313 0.000000 -17568690.744 0.000

L39.Conduct 0.000228 0.000000 2102013.121 0.000

L39.Water 0.000208 NAN NAN NAN

L39.Temp 0.000562 NAN NAN NAN

L39.Precip. horaria 0.000005 0.000000 48.280 0.000

L39.Temp. prom aire 0.000292 0.000000 3223207.505 0.000

L40.Conduct 0.000843 0.000000 6680795.788 0.000

L40.Water 0.000427 0.000000 5964237.010 0.000

L40.Temp -0.000980 0.000000 -12753367.162 0.000

L40.Precip. horaria -0.000000 NAN NAN NAN

L40.Temp. prom aire 0.001035 NAN NAN NAN

L41.Conduct -0.000589 NAN NAN NAN

L41.Water 0.000032 0.000000 324292.426 0.000

L41.Temp -0.002708 NAN NAN NAN

L41.Precip. horaria 0.000003 0.000000 63.777 0.000

L41.Temp. prom aire -0.003170 0.000000 -82684481.662 0.000

L42.Conduct -0.000098 0.000000 -2650096.650 0.000

L42.Water 0.000083 NAN NAN NAN

L42.Temp 0.001230 0.000000 17014302.895 0.000

L42.Precip. horaria -0.000010 NAN NAN NAN

L42.Temp. prom aire 0.001197 0.000000 35052873.402 0.000

L43.Conduct -0.001351 NAN NAN NAN

L43.Water -0.000323 0.000000 -17846495.511 0.000

L43.Temp 0.000802 0.000000 31532062.611 0.000

L43.Precip. horaria -0.000010 NAN NAN NAN

L43.Temp. prom aire -0.000394 NAN NAN NAN

L44.Conduct 0.000976 NAN NAN NAN

L44.Water 0.000132 NAN NAN NAN

L44.Temp 0.001420 0.000000 14863625.183 0.000

L44.Precip. horaria 0.000035 NAN NAN NAN

L44.Temp. prom aire 0.000725 NAN NAN NAN

L45.Conduct -0.000986 0.000000 -33976399.488 0.000

L45.Water -0.001230 0.000000 -12893143.062 0.000

L45.Temp 0.001789 0.000000 52198366.630 0.000

L45.Precip. horaria -0.000036 NAN NAN NAN

L45.Temp. prom aire 0.000254 0.000000 5468890.903 0.000

L46.Conduct 0.001005 0.000000 9942101.715 0.000

L46.Water -0.000761 0.000000 -26536211.743 0.000

L46.Temp -0.003032 0.000000 -149550917.465 0.000

L46.Precip. horaria 0.000027 NAN NAN NAN

L46.Temp. prom aire 0.000931 NAN NAN NAN

L47.Conduct -0.000992 NAN NAN NAN

L47.Water -0.000526 0.000000 -16761731.198 0.000

L47.Temp -0.000015 0.000000 -311230.608 0.000

L47.Precip. horaria -0.000054 0.000000 -2032.906 0.000

L47.Temp. prom aire -0.000345 0.000000 -3952475.915 0.000

L48.Conduct 0.002870 NAN NAN NAN

L48.Water 0.001867 0.000000 39839732.501 0.000

L48.Temp -0.002585 0.000000 -30108383.589 0.000

L48.Precip. horaria -0.000050 NAN NAN NAN

L48.Temp. prom aire -0.000224 0.000000 -6171717.058 0.000

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000327 0.000000 15306.061 0.000

L1.Conduct 0.046601 0.000000 56102975.714 0.000

L1.Water 0.001996 0.000000 804123.743 0.000

L1.Temp -0.046256 NAN NAN NAN

L1.Precip. horaria -0.004012 0.000000 -43901.868 0.000

L1.Temp. prom aire -0.060939 0.000000 -70286421.724 0.000

L2.Conduct 0.023891 0.000000 35821422.222 0.000

L2.Water 0.014621 0.000000 12842636.357 0.000

L2.Temp 0.006239 0.000000 2258476.620 0.000

L2.Precip. horaria 0.003377 NAN NAN NAN

L2.Temp. prom aire 0.017259 0.000000 19302214.801 0.000

L3.Conduct -0.078891 NAN NAN NAN

L3.Water -0.042872 0.000000 -18893818.830 0.000

L3.Temp -0.007875 0.000000 -6826890.927 0.000

L3.Precip. horaria 0.001017 NAN NAN NAN

L3.Temp. prom aire -0.047498 NAN NAN NAN

L4.Conduct 0.014141 0.000000 10744583.741 0.000

L4.Water 0.045158 NAN NAN NAN

L4.Temp 0.032261 NAN NAN NAN

L4.Precip. horaria 0.001464 0.000000 7653.184 0.000

L4.Temp. prom aire 0.031454 NAN NAN NAN

L5.Conduct -0.046317 NAN NAN NAN

L5.Water -0.031730 NAN NAN NAN

L5.Temp 0.013883 0.000000 8929299.334 0.000

L5.Precip. horaria -0.003505 NAN NAN NAN

L5.Temp. prom aire -0.013183 NAN NAN NAN

L6.Conduct -0.034471 NAN NAN NAN

L6.Water -0.028480 0.000000 -13743696.728 0.000

L6.Temp 0.046727 NAN NAN NAN

L6.Precip. horaria 0.002438 0.000001 4635.482 0.000

L6.Temp. prom aire 0.090819 0.000000 39668215.777 0.000

L7.Conduct 0.061118 0.000000 26771504.155 0.000

L7.Water 0.021771 0.000000 14236452.276 0.000

L7.Temp -0.031223 0.000000 -30709638.948 0.000

L7.Precip. horaria -0.004342 NAN NAN NAN

L7.Temp. prom aire -0.065133 0.000000 -25647855.680 0.000

L8.Conduct 0.011617 0.000000 4376979.232 0.000

L8.Water 0.020331 0.000000 15113975.546 0.000

L8.Temp 0.023824 0.000000 23472484.716 0.000

L8.Precip. horaria 0.004616 NAN NAN NAN

L8.Temp. prom aire 0.038787 0.000000 20101652.926 0.000

L9.Conduct -0.009953 NAN NAN NAN

L9.Water 0.010180 0.000000 9111370.603 0.000

L9.Temp -0.006882 0.000000 -13697082.905 0.000

L9.Precip. horaria -0.001580 0.000001 -1398.630 0.000

L9.Temp. prom aire -0.038837 0.000000 -67422001.628 0.000

L10.Conduct -0.019927 NAN NAN NAN

L10.Water 0.007920 0.000000 1484778.831 0.000

L10.Temp 0.037130 0.000000 51018718.471 0.000

L10.Precip. horaria 0.001258 NAN NAN NAN

L10.Temp. prom aire 0.039589 NAN NAN NAN

L11.Conduct -0.023421 NAN NAN NAN

L11.Water -0.021916 NAN NAN NAN

L11.Temp 0.011469 NAN NAN NAN

L11.Precip. horaria -0.002201 0.000000 -4960.766 0.000

L11.Temp. prom aire -0.004700 0.000000 -2009848.266 0.000

L12.Conduct 0.027971 NAN NAN NAN

L12.Water 0.011674 NAN NAN NAN

L12.Temp 0.016428 NAN NAN NAN

L12.Precip. horaria 0.001519 0.000000 4291.703 0.000

L12.Temp. prom aire 0.032032 NAN NAN NAN

L13.Conduct 0.039360 0.000000 17033746.800 0.000

L13.Water 0.019353 NAN NAN NAN

L13.Temp -0.028699 NAN NAN NAN

L13.Precip. horaria -0.001907 0.000001 -3608.435 0.000

L13.Temp. prom aire -0.004673 0.000000 -3069180.996 0.000

L14.Conduct 0.013622 NAN NAN NAN

L14.Water 0.021251 0.000000 5094320.079 0.000

L14.Temp 0.023744 0.000000 20355579.414 0.000

L14.Precip. horaria 0.002125 0.000001 4181.640 0.000

L14.Temp. prom aire 0.002502 NAN NAN NAN

L15.Conduct -0.000353 NAN NAN NAN

L15.Water 0.006942 NAN NAN NAN

L15.Temp 0.009471 NAN NAN NAN

L15.Precip. horaria -0.000228 0.000001 -318.323 0.000

L15.Temp. prom aire -0.004046 NAN NAN NAN

L16.Conduct -0.012104 0.000000 -8755733.990 0.000

L16.Water 0.000040 0.000000 18573.657 0.000

L16.Temp 0.015282 NAN NAN NAN

L16.Precip. horaria 0.000384 NAN NAN NAN

L16.Temp. prom aire -0.011142 0.000000 -4155450.336 0.000

L17.Conduct -0.011611 0.000000 -2637993.223 0.000

L17.Water -0.017481 0.000000 -4498070.655 0.000

L17.Temp -0.002002 0.000000 -1020743.792 0.000

L17.Precip. horaria -0.001311 0.000001 -1520.547 0.000

L17.Temp. prom aire 0.016031 NAN NAN NAN

L18.Conduct 0.031597 NAN NAN NAN

L18.Water 0.019026 0.000000 1617191.905 0.000

L18.Temp 0.014648 0.000000 19110023.296 0.000

L18.Precip. horaria 0.000216 NAN NAN NAN

L18.Temp. prom aire -0.021917 0.000000 -9011483.411 0.000

L19.Conduct 0.053165 0.000000 10610822.998 0.000

L19.Water 0.029976 0.000000 15691005.973 0.000

L19.Temp -0.021420 0.000000 -16071400.030 0.000

L19.Precip. horaria -0.000109 NAN NAN NAN

L19.Temp. prom aire 0.069935 NAN NAN NAN

L20.Conduct -0.027848 0.000000 -6236803.466 0.000

L20.Water -0.015969 0.000000 -3174639.032 0.000

L20.Temp 0.014177 NAN NAN NAN

L20.Precip. horaria 0.001409 0.000001 1874.491 0.000

L20.Temp. prom aire -0.040633 NAN NAN NAN

L21.Conduct -0.011466 NAN NAN NAN

L21.Water -0.004390 NAN NAN NAN

L21.Temp 0.016700 NAN NAN NAN

L21.Precip. horaria -0.000838 0.000000 -2318.873 0.000

L21.Temp. prom aire 0.014390 NAN NAN NAN

L22.Conduct 0.002439 NAN NAN NAN

L22.Water 0.006720 NAN NAN NAN

L22.Temp 0.032956 NAN NAN NAN

L22.Precip. horaria -0.000112 0.000001 -145.807 0.000

L22.Temp. prom aire -0.003933 0.000000 -3038005.750 0.000

L23.Conduct 0.004175 0.000000 614118.430 0.000

L23.Water 0.001254 NAN NAN NAN

L23.Temp -0.012791 0.000000 -10916316.778 0.000

L23.Precip. horaria 0.000168 0.000001 240.590 0.000

L23.Temp. prom aire 0.025901 NAN NAN NAN

L24.Conduct 0.005799 0.000000 465764.039 0.000

L24.Water 0.002462 NAN NAN NAN

L24.Temp 0.013961 NAN NAN NAN

L24.Precip. horaria -0.000054 NAN NAN NAN

L24.Temp. prom aire -0.002509 NAN NAN NAN

L25.Conduct 0.014044 0.000000 3692491.748 0.000

L25.Water 0.003434 NAN NAN NAN

L25.Temp 0.009491 NAN NAN NAN

L25.Precip. horaria 0.000051 NAN NAN NAN

L25.Temp. prom aire 0.043661 NAN NAN NAN

L26.Conduct 0.008324 NAN NAN NAN

L26.Water 0.002163 NAN NAN NAN

L26.Temp -0.006219 NAN NAN NAN

L26.Precip. horaria -0.000009 0.000067 -0.128 0.898

L26.Temp. prom aire -0.023318 NAN NAN NAN

L27.Conduct -0.000630 NAN NAN NAN

L27.Water -0.000452 0.000000 -82666.416 0.000

L27.Temp -0.012424 0.000000 -15661202.135 0.000

L27.Precip. horaria 0.000019 NAN NAN NAN

L27.Temp. prom aire -0.026098 0.000000 -11698957.094 0.000

L28.Conduct -0.006915 0.000000 -679167.069 0.000

L28.Water 0.000468 NAN NAN NAN

L28.Temp 0.037583 0.000000 21001959.194 0.000

L28.Precip. horaria -0.000028 NAN NAN NAN

L28.Temp. prom aire 0.007578 NAN NAN NAN

L29.Conduct 0.005659 0.000000 1337886.736 0.000

L29.Water 0.000716 0.000000 236514.581 0.000

L29.Temp -0.014588 0.000000 -14317352.873 0.000

L29.Precip. horaria -0.000002 0.000024 -0.101 0.920

L29.Temp. prom aire 0.032356 NAN NAN NAN

L30.Conduct -0.006037 0.000000 -1115138.747 0.000

L30.Water -0.012051 NAN NAN NAN

L30.Temp 0.026219 0.000000 12050888.397 0.000

L30.Precip. horaria -0.000026 NAN NAN NAN

L30.Temp. prom aire -0.018748 NAN NAN NAN

L31.Conduct 0.014802 0.000000 2423819.457 0.000

L31.Water 0.005730 0.000000 1007506.446 0.000

L31.Temp 0.012860 NAN NAN NAN

L31.Precip. horaria 0.000033 0.000066 0.504 0.615

L31.Temp. prom aire 0.043711 0.000000 45349952.966 0.000

L32.Conduct 0.002689 NAN NAN NAN

L32.Water -0.004998 NAN NAN NAN

L32.Temp -0.010098 0.000000 -30682837.974 0.000

L32.Precip. horaria 0.000007 NAN NAN NAN

L32.Temp. prom aire -0.039240 0.000000 -15236819.651 0.000

L33.Conduct 0.003820 0.000000 7737944.056 0.000

L33.Water 0.007778 NAN NAN NAN

L33.Temp -0.019576 NAN NAN NAN

L33.Precip. horaria 0.000024 NAN NAN NAN

L33.Temp. prom aire 0.013274 NAN NAN NAN

L34.Conduct -0.001952 0.000000 -609076.067 0.000

L34.Water 0.007402 NAN NAN NAN

L34.Temp 0.006411 0.000000 10189656.050 0.000

L34.Precip. horaria -0.000291 0.000009 -34.186 0.000

L34.Temp. prom aire 0.008208 NAN NAN NAN

L35.Conduct 0.013802 NAN NAN NAN

L35.Water 0.025212 NAN NAN NAN

L35.Temp -0.012374 0.000000 -4787218.811 0.000

L35.Precip. horaria 0.000327 NAN NAN NAN

L35.Temp. prom aire -0.013642 0.000000 -7342787.207 0.000

L36.Conduct -0.010373 NAN NAN NAN

L36.Water -0.005999 NAN NAN NAN

L36.Temp 0.054731 0.000000 71956983.016 0.000

L36.Precip. horaria 0.000028 NAN NAN NAN

L36.Temp. prom aire 0.004825 NAN NAN NAN

L37.Conduct -0.000352 0.000000 -153922.896 0.000

L37.Water 0.014049 NAN NAN NAN

L37.Temp -0.009666 0.000000 -24967229.559 0.000

L37.Precip. horaria -0.000069 NAN NAN NAN

L37.Temp. prom aire 0.019319 NAN NAN NAN

L38.Conduct 0.011375 0.000000 2088383.900 0.000

L38.Water 0.005503 NAN NAN NAN

L38.Temp 0.011077 0.000000 4432625.830 0.000

L38.Precip. horaria -0.000171 0.000003 -68.129 0.000

L38.Temp. prom aire 0.016411 0.000000 8212780.241 0.000

L39.Conduct 0.019786 0.000000 6832510.039 0.000

L39.Water 0.020399 NAN NAN NAN

L39.Temp -0.024713 NAN NAN NAN

L39.Precip. horaria -0.000355 0.000003 -136.049 0.000

L39.Temp. prom aire -0.001545 0.000000 -637334.565 0.000

L40.Conduct 0.018331 0.000000 5434301.414 0.000

L40.Water 0.013022 0.000000 6794281.351 0.000

L40.Temp 0.017187 0.000000 8361195.983 0.000

L40.Precip. horaria 0.000621 NAN NAN NAN

L40.Temp. prom aire -0.000799 NAN NAN NAN

L41.Conduct -0.012340 NAN NAN NAN

L41.Water 0.002906 0.000000 1088519.779 0.000

L41.Temp 0.013807 NAN NAN NAN

L41.Precip. horaria 0.000533 0.000001 437.011 0.000

L41.Temp. prom aire -0.014200 0.000000 -13848562.224 0.000

L42.Conduct 0.006672 0.000000 6765661.516 0.000

L42.Water -0.009002 NAN NAN NAN

L42.Temp 0.037790 0.000000 19549830.076 0.000

L42.Precip. horaria -0.001102 NAN NAN NAN

L42.Temp. prom aire 0.024882 0.000000 27242744.307 0.000

L43.Conduct 0.003992 NAN NAN NAN

L43.Water 0.002482 0.000000 5127395.359 0.000

L43.Temp 0.007303 0.000000 10742862.461 0.000

L43.Precip. horaria -0.000582 NAN NAN NAN

L43.Temp. prom aire 0.017469 NAN NAN NAN

L44.Conduct 0.020870 NAN NAN NAN

L44.Water 0.010410 NAN NAN NAN

L44.Temp -0.030010 0.000000 -11747770.357 0.000

L44.Precip. horaria 0.001318 NAN NAN NAN

L44.Temp. prom aire 0.000720 NAN NAN NAN

L45.Conduct 0.001846 0.000000 2377569.391 0.000

L45.Water 0.043610 0.000000 17096626.845 0.000

L45.Temp 0.006850 0.000000 7473321.466 0.000

L45.Precip. horaria 0.000645 NAN NAN NAN

L45.Temp. prom aire -0.025230 0.000000 -20288537.852 0.000

L46.Conduct 0.010097 0.000000 3736641.181 0.000

L46.Water -0.004405 0.000000 -5741251.465 0.000

L46.Temp 0.014187 0.000000 26168255.813 0.000

L46.Precip. horaria 0.001086 NAN NAN NAN

L46.Temp. prom aire 0.011401 NAN NAN NAN

L47.Conduct -0.080972 NAN NAN NAN

L47.Water -0.040676 0.000000 -48466300.620 0.000

L47.Temp 0.023239 0.000000 18125804.852 0.000

L47.Precip. horaria -0.000230 0.000001 -321.912 0.000

L47.Temp. prom aire -0.009717 0.000000 -4166986.478 0.000

L48.Conduct -0.044136 NAN NAN NAN

L48.Water 0.033997 0.000000 27133074.279 0.000

L48.Temp 0.025844 0.000000 11256319.709 0.000

L48.Precip. horaria -0.002934 NAN NAN NAN

L48.Temp. prom aire 0.052712 0.000000 54225468.299 0.000

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 0.746667 0.003180 0.641715 0.035027

Water 0.746667 1.000000 -0.426170 0.644349 -0.291143

Temp 0.003180 -0.426170 1.000000 -0.384220 0.716766

Precip. horaria 0.641715 0.644349 -0.384220 1.000000 -0.395892

Temp. prom aire 0.035027 -0.291143 0.716766 -0.395892 1.000000

1. Sensor Este Alto (A84041CD4184396B):

Summary of Regression Results

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Model: VAR

Method: OLS

---------------------------------------------------------------------

No. of Equations: 5.00000 BIC: -154.899

Nobs: 23.0000 HQIC: -199.428

Log likelihood: 3507.30 FPE: -6.32627e-139

AIC: -214.389 Det(Omega\_mle): -3.17517e-144

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Results for equation Conduct

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coefficient std. error t-stat prob

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const 0.000400 NAN NAN NAN

L1.Conduct 0.131279 0.000000 7086874.955 0.000

L1.Water -0.029835 0.000000 -886105.615 0.000

L1.Temp 0.011369 NAN NAN NAN

L1.Precip. horaria -0.004824 NAN NAN NAN

L1.Temp. prom aire 0.018918 NAN NAN NAN

L2.Conduct -0.038401 NAN NAN NAN

L2.Water 0.007054 0.000000 9556544.921 0.000

L2.Temp 0.048992 0.000000 5603903.517 0.000

L2.Precip. horaria -0.001188 0.000001 -996.217 0.000

L2.Temp. prom aire 0.210204 0.000000 10477020.156 0.000

L3.Conduct -0.002552 NAN NAN NAN

L3.Water 0.210111 NAN NAN NAN

L3.Temp -0.169274 NAN NAN NAN

L3.Precip. horaria -0.011326 NAN NAN NAN

L3.Temp. prom aire -0.118062 0.000000 -3099167.715 0.000

L4.Conduct -0.000722 0.000000 -140460.014 0.000

L4.Water 0.040155 0.000000 2348068.096 0.000

L4.Temp -0.091516 NAN NAN NAN

L4.Precip. horaria 0.015090 NAN NAN NAN

L4.Temp. prom aire -0.030415 0.000000 -681320.815 0.000

L5.Conduct -0.209609 NAN NAN NAN

L5.Water -0.048866 NAN NAN NAN

L5.Temp -0.100193 NAN NAN NAN

L5.Precip. horaria 0.003030 0.000003 993.868 0.000

L5.Temp. prom aire -0.135895 NAN NAN NAN

L6.Conduct -0.216386 0.000000 -47598315.209 0.000

L6.Water -0.147384 NAN NAN NAN

L6.Temp 0.020348 NAN NAN NAN

L6.Precip. horaria 0.004701 0.000001 5072.603 0.000

L6.Temp. prom aire 0.030859 0.000000 1947121.329 0.000

L7.Conduct -0.073401 NAN NAN NAN

L7.Water -0.041221 NAN NAN NAN

L7.Temp 0.041271 NAN NAN NAN

L7.Precip. horaria -0.007173 NAN NAN NAN

L7.Temp. prom aire -0.001966 0.000000 -134529.421 0.000

L8.Conduct -0.065851 NAN NAN NAN

L8.Water -0.014573 NAN NAN NAN

L8.Temp 0.003494 NAN NAN NAN

L8.Precip. horaria -0.001305 NAN NAN NAN

L8.Temp. prom aire 0.041921 NAN NAN NAN

L9.Conduct 0.023755 0.000000 1950557.778 0.000

L9.Water 0.042505 NAN NAN NAN

L9.Temp 0.010948 NAN NAN NAN

L9.Precip. horaria -0.001596 NAN NAN NAN

L9.Temp. prom aire -0.042439 NAN NAN NAN

L10.Conduct -0.032873 0.000000 -1182599.494 0.000

L10.Water 0.017061 0.000000 491620.042 0.000

L10.Temp 0.005318 NAN NAN NAN

L10.Precip. horaria 0.000720 NAN NAN NAN

L10.Temp. prom aire 0.062599 0.000000 1986390.830 0.000

L11.Conduct 0.065183 NAN NAN NAN

L11.Water 0.020331 NAN NAN NAN

L11.Temp 0.000496 NAN NAN NAN

L11.Precip. horaria 0.001488 0.000011 134.937 0.000

L11.Temp. prom aire -0.022211 0.000000 -1021843.158 0.000

L12.Conduct -0.041988 NAN NAN NAN

L12.Water -0.016482 0.000000 -685659.191 0.000

L12.Temp 0.018472 NAN NAN NAN

L12.Precip. horaria 0.000891 0.000002 398.813 0.000

L12.Temp. prom aire 0.003608 NAN NAN NAN

L13.Conduct 0.007128 NAN NAN NAN

L13.Water -0.008656 NAN NAN NAN

L13.Temp -0.007905 NAN NAN NAN

L13.Precip. horaria -0.000434 NAN NAN NAN

L13.Temp. prom aire -0.038671 NAN NAN NAN

L14.Conduct -0.124372 0.000000 -48150031.973 0.000

L14.Water -0.010603 NAN NAN NAN

L14.Temp 0.047446 0.000000 2216890.735 0.000

L14.Precip. horaria -0.000856 0.000007 -122.209 0.000

L14.Temp. prom aire 0.009112 NAN NAN NAN

L15.Conduct 0.096668 0.000000 6234725.711 0.000

L15.Water 0.022369 0.000000 921533.426 0.000

L15.Temp -0.043324 0.000000 -2623256.158 0.000

L15.Precip. horaria -0.000256 NAN NAN NAN

L15.Temp. prom aire 0.259829 0.000000 10295150.277 0.000

L16.Conduct 0.061193 NAN NAN NAN

L16.Water 0.023113 NAN NAN NAN

L16.Temp 0.022294 NAN NAN NAN

L16.Precip. horaria 0.000031 0.000003 9.653 0.000

L16.Temp. prom aire -0.189229 NAN NAN NAN

L17.Conduct -0.017009 NAN NAN NAN

L17.Water -0.010485 NAN NAN NAN

L17.Temp 0.068466 NAN NAN NAN

L17.Precip. horaria 0.001481 NAN NAN NAN

L17.Temp. prom aire 0.072220 NAN NAN NAN

L18.Conduct 0.027202 0.000000 1611631.075 0.000

L18.Water 0.007180 NAN NAN NAN

L18.Temp -0.011731 0.000000 -1376885.774 0.000

L18.Precip. horaria -0.001305 NAN NAN NAN

L18.Temp. prom aire -0.176069 0.000000 -6386581.873 0.000

L19.Conduct -0.006573 0.000000 -305327.160 0.000

L19.Water 0.000085 NAN NAN NAN

L19.Temp 0.016116 NAN NAN NAN

L19.Precip. horaria 0.000240 0.000009 28.110 0.000

L19.Temp. prom aire 0.061991 NAN NAN NAN

L20.Conduct 0.036549 NAN NAN NAN

L20.Water 0.013493 0.000000 88601.017 0.000

L20.Temp 0.012655 0.000000 931323.216 0.000

L20.Precip. horaria -0.000346 NAN NAN NAN

L20.Temp. prom aire -0.002465 NAN NAN NAN

L21.Conduct 0.014545 0.000000 261452.651 0.000

L21.Water -0.000212 NAN NAN NAN

L21.Temp -0.045766 0.000000 -2821458.169 0.000

L21.Precip. horaria 0.000469 0.000001 470.389 0.000

L21.Temp. prom aire 0.076381 NAN NAN NAN

L22.Conduct -0.036552 0.000000 -959907.189 0.000

L22.Water -0.010075 NAN NAN NAN

L22.Temp 0.009663 NAN NAN NAN

L22.Precip. horaria 0.000304 NAN NAN NAN

L22.Temp. prom aire -0.036101 NAN NAN NAN

L23.Conduct -0.059017 0.000000 -858710.491 0.000

L23.Water -0.016245 NAN NAN NAN

L23.Temp 0.079941 0.000000 11015369.421 0.000

L23.Precip. horaria -0.000076 NAN NAN NAN

L23.Temp. prom aire -0.043671 NAN NAN NAN

L24.Conduct -0.061641 NAN NAN NAN

L24.Water -0.004504 0.000000 -93869.941 0.000

L24.Temp 0.222514 0.000000 11425852.621 0.000

L24.Precip. horaria -0.000099 NAN NAN NAN

L24.Temp. prom aire 0.156801 0.000000 13222622.643 0.000

L25.Conduct -0.026839 0.000000 -221655.638 0.000

L25.Water -0.010932 0.000000 -183556.926 0.000

L25.Temp -0.035576 NAN NAN NAN

L25.Precip. horaria -0.000016 0.000231 -0.071 0.943

L25.Temp. prom aire 0.054169 0.000000 4349111.685 0.000

L26.Conduct -0.049532 NAN NAN NAN

L26.Water -0.011707 0.000000 -1043435.327 0.000

L26.Temp 0.069672 NAN NAN NAN

L26.Precip. horaria -0.000047 NAN NAN NAN

L26.Temp. prom aire 0.001754 0.000000 1007405.679 0.000

L27.Conduct 0.009440 0.000000 160074.795 0.000

L27.Water 0.002678 NAN NAN NAN

L27.Temp 0.093843 0.000000 6756087.169 0.000

L27.Precip. horaria 0.000032 NAN NAN NAN

L27.Temp. prom aire 0.105918 0.000000 8954180.032 0.000

L28.Conduct -0.020078 NAN NAN NAN

L28.Water -0.005798 0.000000 -81963.054 0.000

L28.Temp -0.029992 0.000000 -1766434.771 0.000

L28.Precip. horaria 0.000013 0.000866 0.015 0.988

L28.Temp. prom aire -0.019658 0.000000 -793497.061 0.000

L29.Conduct 0.000560 NAN NAN NAN

L29.Water -0.007484 NAN NAN NAN

L29.Temp 0.011692 NAN NAN NAN

L29.Precip. horaria 0.000018 NAN NAN NAN

L29.Temp. prom aire -0.046654 0.000000 -4990968.304 0.000

L30.Conduct -0.043102 0.000000 -1681704.934 0.000

L30.Water -0.027064 0.000000 -318644.237 0.000

L30.Temp 0.044038 0.000000 4113294.325 0.000

L30.Precip. horaria -0.000019 0.000167 -0.111 0.912

L30.Temp. prom aire 0.010022 NAN NAN NAN

L31.Conduct -0.026755 0.000000 -231246.044 0.000

L31.Water -0.037526 NAN NAN NAN

L31.Temp 0.051063 0.000000 11582417.839 0.000

L31.Precip. horaria -0.000040 NAN NAN NAN

L31.Temp. prom aire 0.015380 0.000000 510688.521 0.000

L32.Conduct -0.103680 0.000000 -3120583.579 0.000

L32.Water -0.117057 0.000000 -2495765.904 0.000

L32.Temp 0.208456 NAN NAN NAN

L32.Precip. horaria -0.000094 NAN NAN NAN

L32.Temp. prom aire 0.055713 NAN NAN NAN

L33.Conduct -0.012816 NAN NAN NAN

L33.Water -0.041615 0.000000 -1877989.142 0.000

L33.Temp -0.011000 NAN NAN NAN

L33.Precip. horaria 0.000018 0.000807 0.022 0.983

L33.Temp. prom aire 0.072859 0.000000 3502453.786 0.000

L34.Conduct -0.041320 NAN NAN NAN

L34.Water -0.075796 0.000000 -2012671.080 0.000

L34.Temp 0.019831 NAN NAN NAN

L34.Precip. horaria -0.000034 NAN NAN NAN

L34.Temp. prom aire 0.009607 NAN NAN NAN

L35.Conduct -0.001651 NAN NAN NAN

L35.Water -0.004887 NAN NAN NAN

L35.Temp -0.107781 0.000000 -5318906.479 0.000

L35.Precip. horaria -0.000223 NAN NAN NAN

L35.Temp. prom aire 0.003444 NAN NAN NAN

L36.Conduct -0.003351 NAN NAN NAN

L36.Water 0.007716 NAN NAN NAN

L36.Temp 0.009574 0.000000 912745.419 0.000

L36.Precip. horaria -0.001363 NAN NAN NAN

L36.Temp. prom aire -0.019752 NAN NAN NAN

L37.Conduct -0.014750 0.000000 -452488.760 0.000

L37.Water 0.009828 0.000000 311341.110 0.000

L37.Temp -0.002747 NAN NAN NAN

L37.Precip. horaria 0.001696 0.000051 33.486 0.000

L37.Temp. prom aire -0.056574 NAN NAN NAN

L38.Conduct -0.060344 0.000000 -1980623.405 0.000

L38.Water -0.039698 NAN NAN NAN

L38.Temp 0.070854 NAN NAN NAN

L38.Precip. horaria -0.000086 0.000026 -3.262 0.001

L38.Temp. prom aire -0.013415 NAN NAN NAN

L39.Conduct -0.071822 NAN NAN NAN

L39.Water -0.039925 0.000000 -2076797.748 0.000

L39.Temp 0.052632 NAN NAN NAN

L39.Precip. horaria -0.001010 0.000038 -26.282 0.000

L39.Temp. prom aire 0.073684 0.000000 1073001.460 0.000

L40.Conduct 0.044671 NAN NAN NAN

L40.Water 0.029383 0.000000 1275397.621 0.000

L40.Temp 0.009827 NAN NAN NAN

L40.Precip. horaria -0.001385 0.000011 -129.989 0.000

L40.Temp. prom aire 0.130338 0.000000 5211678.593 0.000

L41.Conduct 0.098366 NAN NAN NAN

L41.Water 0.073887 NAN NAN NAN

L41.Temp -0.045829 0.000000 -2375462.780 0.000

L41.Precip. horaria -0.002481 NAN NAN NAN

L41.Temp. prom aire -0.043145 0.000000 -7170712.904 0.000

L42.Conduct 0.054834 NAN NAN NAN

L42.Water 0.045007 0.000000 2450249.980 0.000

L42.Temp 0.009882 NAN NAN NAN

L42.Precip. horaria 0.005285 0.000010 512.005 0.000

L42.Temp. prom aire -0.044285 NAN NAN NAN

L43.Conduct -0.163859 NAN NAN NAN

L43.Water -0.080097 NAN NAN NAN

L43.Temp 0.062155 0.000000 7370978.400 0.000

L43.Precip. horaria -0.001110 0.000010 -112.454 0.000

L43.Temp. prom aire -0.005404 NAN NAN NAN

L44.Conduct -0.188055 NAN NAN NAN

L44.Water -0.056323 0.000000 -6701378.418 0.000

L44.Temp 0.023129 0.000000 605415.004 0.000

L44.Precip. horaria -0.007149 NAN NAN NAN

L44.Temp. prom aire 0.109388 0.000000 4647771.555 0.000

L45.Conduct -0.153196 0.000000 -11636538.586 0.000

L45.Water 0.058282 0.000000 4867911.042 0.000

L45.Temp 0.002650 NAN NAN NAN

L45.Precip. horaria -0.002068 NAN NAN NAN

L45.Temp. prom aire -0.012370 0.000000 -217559.387 0.000

L46.Conduct -0.135206 NAN NAN NAN

L46.Water 0.153568 0.000000 7055551.255 0.000

L46.Temp -0.150079 NAN NAN NAN

L46.Precip. horaria 0.006646 0.000009 719.704 0.000

L46.Temp. prom aire -0.061740 0.000000 -1651527.298 0.000

L47.Conduct 0.985925 0.000000 150130256.406 0.000

L47.Water 0.329197 NAN NAN NAN

L47.Temp 0.050052 NAN NAN NAN

L47.Precip. horaria 0.009558 NAN NAN NAN

L47.Temp. prom aire -0.111962 0.000000 -22580977.171 0.000

L48.Conduct 0.013928 NAN NAN NAN

L48.Water -0.048082 0.000000 -24421305.337 0.000

L48.Temp -0.027956 0.000000 -1423576.546 0.000

L48.Precip. horaria 0.001157 NAN NAN NAN

L48.Temp. prom aire 0.064112 NAN NAN NAN

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Results for equation Water

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coefficient std. error t-stat prob

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const 0.000282 NAN NAN NAN

L1.Conduct -0.012971 0.000000 -3538757.302 0.000

L1.Water 0.001149 0.000000 172467.386 0.000

L1.Temp 0.005202 NAN NAN NAN

L1.Precip. horaria -0.000129 NAN NAN NAN

L1.Temp. prom aire 0.009739 NAN NAN NAN

L2.Conduct -0.020650 NAN NAN NAN

L2.Water -0.002930 0.000000 -20061310.929 0.000

L2.Temp 0.008314 0.000000 4806504.362 0.000

L2.Precip. horaria -0.000589 0.000000 -2495.184 0.000

L2.Temp. prom aire 0.021878 0.000000 5511078.826 0.000

L3.Conduct 0.023836 NAN NAN NAN

L3.Water 0.026511 NAN NAN NAN

L3.Temp -0.014341 NAN NAN NAN

L3.Precip. horaria -0.001602 NAN NAN NAN

L3.Temp. prom aire -0.010945 0.000000 -1452082.181 0.000

L4.Conduct 0.058936 0.000000 57925484.831 0.000

L4.Water 0.016228 0.000000 4795808.731 0.000

L4.Temp -0.005771 NAN NAN NAN

L4.Precip. horaria 0.001747 NAN NAN NAN

L4.Temp. prom aire -0.005118 0.000000 -579425.940 0.000

L5.Conduct 0.031819 NAN NAN NAN

L5.Water 0.010770 NAN NAN NAN

L5.Temp -0.006858 NAN NAN NAN

L5.Precip. horaria 0.000603 0.000001 998.738 0.000

L5.Temp. prom aire -0.011307 NAN NAN NAN

L6.Conduct -0.039122 0.000000 -43492551.151 0.000

L6.Water -0.009323 NAN NAN NAN

L6.Temp 0.005669 NAN NAN NAN

L6.Precip. horaria 0.000127 0.000000 694.832 0.000

L6.Temp. prom aire 0.010452 0.000000 3333005.227 0.000

L7.Conduct -0.008609 NAN NAN NAN

L7.Water 0.007393 NAN NAN NAN

L7.Temp 0.005047 NAN NAN NAN

L7.Precip. horaria -0.001080 NAN NAN NAN

L7.Temp. prom aire 0.008799 0.000000 3042779.402 0.000

L8.Conduct -0.001394 NAN NAN NAN

L8.Water 0.008832 NAN NAN NAN

L8.Temp -0.008393 NAN NAN NAN

L8.Precip. horaria 0.000010 NAN NAN NAN

L8.Temp. prom aire -0.002261 NAN NAN NAN

L9.Conduct 0.025479 0.000000 10573746.992 0.000

L9.Water 0.002244 NAN NAN NAN

L9.Temp -0.000219 NAN NAN NAN

L9.Precip. horaria 0.001035 NAN NAN NAN

L9.Temp. prom aire -0.005609 NAN NAN NAN

L10.Conduct 0.027310 0.000000 4965318.073 0.000

L10.Water -0.001123 0.000000 -163478.969 0.000

L10.Temp -0.004342 NAN NAN NAN

L10.Precip. horaria -0.000559 NAN NAN NAN

L10.Temp. prom aire -0.003101 0.000000 -497313.907 0.000

L11.Conduct 0.067386 NAN NAN NAN

L11.Water 0.007822 NAN NAN NAN

L11.Temp 0.008958 NAN NAN NAN

L11.Precip. horaria 0.000071 0.000002 32.720 0.000

L11.Temp. prom aire 0.008385 0.000000 1949543.156 0.000

L12.Conduct 0.024319 NAN NAN NAN

L12.Water 0.003670 0.000000 771629.055 0.000

L12.Temp 0.004544 NAN NAN NAN

L12.Precip. horaria -0.000141 0.000000 -319.746 0.000

L12.Temp. prom aire 0.010287 NAN NAN NAN

L13.Conduct 0.029197 NAN NAN NAN

L13.Water 0.005117 NAN NAN NAN

L13.Temp -0.001475 NAN NAN NAN

L13.Precip. horaria -0.000034 NAN NAN NAN

L13.Temp. prom aire -0.006035 NAN NAN NAN

L14.Conduct -0.053138 0.000000 -103970967.798 0.000

L14.Water -0.003891 NAN NAN NAN

L14.Temp 0.007001 0.000000 1653160.703 0.000

L14.Precip. horaria -0.000107 0.000001 -76.961 0.000

L14.Temp. prom aire -0.000530 NAN NAN NAN

L15.Conduct 0.039039 0.000000 12725255.252 0.000

L15.Water 0.005775 0.000000 1202352.780 0.000

L15.Temp -0.006396 0.000000 -1957333.121 0.000

L15.Precip. horaria 0.000119 NAN NAN NAN

L15.Temp. prom aire 0.032500 0.000000 6508245.653 0.000

L16.Conduct 0.032522 NAN NAN NAN

L16.Water 0.004966 NAN NAN NAN

L16.Temp 0.004497 NAN NAN NAN

L16.Precip. horaria 0.000127 0.000001 199.767 0.000

L16.Temp. prom aire -0.025722 NAN NAN NAN

L17.Conduct -0.046025 NAN NAN NAN

L17.Water -0.016876 NAN NAN NAN

L17.Temp 0.019467 NAN NAN NAN

L17.Precip. horaria 0.000621 NAN NAN NAN

L17.Temp. prom aire 0.022448 NAN NAN NAN

L18.Conduct -0.019285 0.000000 -5774497.814 0.000

L18.Water -0.002540 NAN NAN NAN

L18.Temp 0.005256 0.000000 3117736.900 0.000

L18.Precip. horaria -0.000827 NAN NAN NAN

L18.Temp. prom aire -0.015092 0.000000 -2766705.510 0.000

L19.Conduct -0.021262 0.000000 -4991417.692 0.000

L19.Water -0.000020 NAN NAN NAN

L19.Temp 0.010595 NAN NAN NAN

L19.Precip. horaria -0.000021 0.000002 -12.207 0.000

L19.Temp. prom aire 0.015663 NAN NAN NAN

L20.Conduct 0.004968 NAN NAN NAN

L20.Water 0.003093 0.000000 102646.664 0.000

L20.Temp 0.011380 0.000000 4232731.099 0.000

L20.Precip. horaria 0.000119 NAN NAN NAN

L20.Temp. prom aire 0.004135 NAN NAN NAN

L21.Conduct -0.011290 0.000000 -1025662.174 0.000

L21.Water -0.002740 NAN NAN NAN

L21.Temp 0.006059 0.000000 1887698.312 0.000

L21.Precip. horaria 0.000190 0.000000 964.294 0.000

L21.Temp. prom aire 0.010098 NAN NAN NAN

L22.Conduct -0.021886 0.000000 -2904847.626 0.000

L22.Water -0.005870 NAN NAN NAN

L22.Temp 0.010174 NAN NAN NAN

L22.Precip. horaria 0.000062 NAN NAN NAN

L22.Temp. prom aire 0.000903 NAN NAN NAN

L23.Conduct -0.006710 0.000000 -493433.585 0.000

L23.Water -0.001049 NAN NAN NAN

L23.Temp 0.014442 0.000000 10057272.091 0.000

L23.Precip. horaria -0.000247 NAN NAN NAN

L23.Temp. prom aire -0.005738 NAN NAN NAN

L24.Conduct -0.003946 NAN NAN NAN

L24.Water 0.001284 0.000000 135197.073 0.000

L24.Temp 0.033324 0.000000 8648211.661 0.000

L24.Precip. horaria -0.000013 NAN NAN NAN

L24.Temp. prom aire 0.022713 0.000000 9680127.920 0.000

L25.Conduct -0.000882 0.000000 -36810.687 0.000

L25.Water 0.000312 0.000000 26433.844 0.000

L25.Temp 0.001104 NAN NAN NAN

L25.Precip. horaria 0.000001 0.000046 0.012 0.990

L25.Temp. prom aire 0.012029 0.000000 4881080.814 0.000

L26.Conduct -0.005514 NAN NAN NAN

L26.Water -0.000380 0.000000 -171317.214 0.000

L26.Temp 0.013896 NAN NAN NAN

L26.Precip. horaria 0.000001 NAN NAN NAN

L26.Temp. prom aire 0.006601 0.000000 19160565.696 0.000

L27.Conduct -0.000195 0.000000 -16738.504 0.000

L27.Water 0.001448 NAN NAN NAN

L27.Temp 0.025531 0.000000 9289719.028 0.000

L27.Precip. horaria 0.000004 NAN NAN NAN

L27.Temp. prom aire 0.013767 0.000000 5881886.837 0.000

L28.Conduct -0.003834 NAN NAN NAN

L28.Water 0.000515 0.000000 36770.699 0.000

L28.Temp 0.009170 0.000000 2729506.160 0.000

L28.Precip. horaria -0.000000 0.000171 -0.000 1.000

L28.Temp. prom aire 0.007251 0.000000 1479121.310 0.000

L29.Conduct -0.000770 NAN NAN NAN

L29.Water 0.000721 NAN NAN NAN

L29.Temp 0.015346 NAN NAN NAN

L29.Precip. horaria -0.000002 NAN NAN NAN

L29.Temp. prom aire -0.008728 0.000000 -4718671.943 0.000

L30.Conduct -0.002745 0.000000 -541342.168 0.000

L30.Water 0.000697 0.000000 41472.243 0.000

L30.Temp 0.009466 0.000000 4468421.634 0.000

L30.Precip. horaria -0.000001 0.000033 -0.038 0.969

L30.Temp. prom aire 0.017185 NAN NAN NAN

L31.Conduct -0.000450 0.000000 -19669.045 0.000

L31.Water 0.000430 NAN NAN NAN

L31.Temp 0.009263 0.000000 10618298.647 0.000

L31.Precip. horaria -0.000002 NAN NAN NAN

L31.Temp. prom aire 0.005061 0.000000 849298.807 0.000

L32.Conduct -0.009580 0.000000 -1457197.057 0.000

L32.Water -0.008668 0.000000 -933992.352 0.000

L32.Temp 0.033153 NAN NAN NAN

L32.Precip. horaria -0.000005 NAN NAN NAN

L32.Temp. prom aire 0.010686 NAN NAN NAN

L33.Conduct -0.000704 NAN NAN NAN

L33.Water -0.000341 0.000000 -77876.582 0.000

L33.Temp 0.007327 NAN NAN NAN

L33.Precip. horaria 0.000000 0.000160 0.003 0.998

L33.Temp. prom aire 0.009556 0.000000 2321580.743 0.000

L34.Conduct -0.006346 NAN NAN NAN

L34.Water -0.007387 0.000000 -991402.618 0.000

L34.Temp 0.016705 NAN NAN NAN

L34.Precip. horaria 0.000043 NAN NAN NAN

L34.Temp. prom aire 0.002181 NAN NAN NAN

L35.Conduct -0.002828 NAN NAN NAN

L35.Water -0.000965 NAN NAN NAN

L35.Temp 0.005850 0.000000 1459002.770 0.000

L35.Precip. horaria -0.000027 NAN NAN NAN

L35.Temp. prom aire 0.014567 NAN NAN NAN

L36.Conduct -0.001547 NAN NAN NAN

L36.Water -0.000793 NAN NAN NAN

L36.Temp 0.014732 0.000000 7098386.832 0.000

L36.Precip. horaria -0.000194 NAN NAN NAN

L36.Temp. prom aire 0.008695 NAN NAN NAN

L37.Conduct -0.000223 0.000000 -34636.037 0.000

L37.Water 0.000494 0.000000 79075.216 0.000

L37.Temp 0.011535 NAN NAN NAN

L37.Precip. horaria 0.000209 0.000010 20.876 0.000

L37.Temp. prom aire 0.006318 NAN NAN NAN

L38.Conduct -0.002900 0.000000 -480981.571 0.000

L38.Water -0.003945 NAN NAN NAN

L38.Temp 0.006789 NAN NAN NAN

L38.Precip. horaria 0.000011 0.000005 2.122 0.034

L38.Temp. prom aire -0.002875 NAN NAN NAN

L39.Conduct -0.009616 NAN NAN NAN

L39.Water -0.006051 0.000000 -1590833.920 0.000

L39.Temp 0.015322 NAN NAN NAN

L39.Precip. horaria -0.000015 0.000008 -1.961 0.050

L39.Temp. prom aire 0.008292 0.000000 610275.634 0.000

L40.Conduct 0.004840 NAN NAN NAN

L40.Water 0.002444 0.000000 536134.004 0.000

L40.Temp 0.006597 NAN NAN NAN

L40.Precip. horaria -0.000187 0.000002 -88.768 0.000

L40.Temp. prom aire 0.023620 0.000000 4773235.786 0.000

L41.Conduct 0.011371 NAN NAN NAN

L41.Water 0.007506 NAN NAN NAN

L41.Temp -0.004636 0.000000 -1214399.937 0.000

L41.Precip. horaria -0.000413 NAN NAN NAN

L41.Temp. prom aire -0.007922 0.000000 -6654513.226 0.000

L42.Conduct 0.011395 NAN NAN NAN

L42.Water 0.005910 0.000000 1625978.475 0.000

L42.Temp 0.010975 NAN NAN NAN

L42.Precip. horaria 0.000774 0.000002 379.092 0.000

L42.Temp. prom aire -0.002524 NAN NAN NAN

L43.Conduct -0.012329 NAN NAN NAN

L43.Water -0.010520 NAN NAN NAN

L43.Temp 0.013926 0.000000 8346798.198 0.000

L43.Precip. horaria 0.000048 0.000002 24.524 0.000

L43.Temp. prom aire 0.003602 NAN NAN NAN

L44.Conduct -0.001575 NAN NAN NAN

L44.Water -0.006106 0.000000 -3671491.053 0.000

L44.Temp 0.005810 0.000000 768616.862 0.000

L44.Precip. horaria -0.000846 NAN NAN NAN

L44.Temp. prom aire 0.019219 0.000000 4127117.082 0.000

L45.Conduct -0.018104 0.000000 -6950070.670 0.000

L45.Water 0.001041 0.000000 439307.445 0.000

L45.Temp 0.003209 NAN NAN NAN

L45.Precip. horaria -0.000507 NAN NAN NAN

L45.Temp. prom aire 0.005314 0.000000 472322.892 0.000

L46.Conduct -0.030286 NAN NAN NAN

L46.Water 0.015106 0.000000 3507666.880 0.000

L46.Temp -0.024407 NAN NAN NAN

L46.Precip. horaria 0.000508 0.000002 277.790 0.000

L46.Temp. prom aire -0.008641 0.000000 -1168148.058 0.000

L47.Conduct 0.107823 0.000000 82978805.381 0.000

L47.Water 0.040325 NAN NAN NAN

L47.Temp 0.013864 NAN NAN NAN

L47.Precip. horaria 0.001000 NAN NAN NAN

L47.Temp. prom aire -0.012306 0.000000 -12543727.103 0.000

L48.Conduct 0.009945 NAN NAN NAN

L48.Water -0.008394 0.000000 -21546283.578 0.000

L48.Temp -0.002642 0.000000 -679888.180 0.000

L48.Precip. horaria 0.000079 NAN NAN NAN

L48.Temp. prom aire 0.009586 NAN NAN NAN

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Results for equation Temp

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coefficient std. error t-stat prob

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const 0.000324 NAN NAN NAN

L1.Conduct -0.018173 0.000000 -7700826.485 0.000

L1.Water 0.007066 0.000000 1647202.424 0.000

L1.Temp -0.001506 NAN NAN NAN

L1.Precip. horaria -0.000543 NAN NAN NAN

L1.Temp. prom aire -0.003772 NAN NAN NAN

L2.Conduct -0.001676 NAN NAN NAN

L2.Water 0.003221 0.000000 34251702.076 0.000

L2.Temp 0.007133 0.000000 6404542.993 0.000

L2.Precip. horaria 0.000494 0.000000 3249.433 0.000

L2.Temp. prom aire 0.007736 0.000000 3026803.523 0.000

L3.Conduct -0.058831 NAN NAN NAN

L3.Water -0.005539 NAN NAN NAN

L3.Temp 0.004263 NAN NAN NAN

L3.Precip. horaria 0.000305 NAN NAN NAN

L3.Temp. prom aire -0.002543 0.000000 -523931.338 0.000

L4.Conduct 0.041043 0.000000 62652020.093 0.000

L4.Water 0.001906 0.000000 874753.246 0.000

L4.Temp 0.009969 NAN NAN NAN

L4.Precip. horaria 0.000115 NAN NAN NAN

L4.Temp. prom aire 0.007398 0.000000 1300889.288 0.000

L5.Conduct -0.008910 NAN NAN NAN

L5.Water 0.001806 NAN NAN NAN

L5.Temp 0.010151 NAN NAN NAN

L5.Precip. horaria -0.000333 0.000000 -857.927 0.000

L5.Temp. prom aire -0.000479 NAN NAN NAN

L6.Conduct -0.008221 0.000000 -14194975.629 0.000

L6.Water -0.002181 NAN NAN NAN

L6.Temp 0.016116 NAN NAN NAN

L6.Precip. horaria 0.000396 0.000000 3354.112 0.000

L6.Temp. prom aire 0.019088 0.000000 9454056.460 0.000

L7.Conduct 0.000148 NAN NAN NAN

L7.Water 0.011072 NAN NAN NAN

L7.Temp 0.005794 NAN NAN NAN

L7.Precip. horaria -0.000770 NAN NAN NAN

L7.Temp. prom aire -0.002171 0.000000 -1165973.363 0.000

L8.Conduct -0.003129 NAN NAN NAN

L8.Water 0.004490 NAN NAN NAN

L8.Temp 0.011161 NAN NAN NAN

L8.Precip. horaria 0.000579 NAN NAN NAN

L8.Temp. prom aire 0.012589 NAN NAN NAN

L9.Conduct 0.004902 0.000000 3159688.828 0.000

L9.Water 0.007614 NAN NAN NAN

L9.Temp 0.005475 NAN NAN NAN

L9.Precip. horaria -0.000242 NAN NAN NAN

L9.Temp. prom aire -0.001160 NAN NAN NAN

L10.Conduct 0.002762 0.000000 779854.611 0.000

L10.Water 0.001689 0.000000 381992.139 0.000

L10.Temp 0.010249 NAN NAN NAN

L10.Precip. horaria 0.000422 NAN NAN NAN

L10.Temp. prom aire 0.009085 0.000000 2262965.729 0.000

L11.Conduct -0.002363 NAN NAN NAN

L11.Water 0.003460 NAN NAN NAN

L11.Temp 0.008676 NAN NAN NAN

L11.Precip. horaria -0.000254 0.000001 -180.736 0.000

L11.Temp. prom aire 0.000786 0.000000 283707.281 0.000

L12.Conduct 0.003646 NAN NAN NAN

L12.Water 0.003179 0.000000 1038215.029 0.000

L12.Temp 0.010529 NAN NAN NAN

L12.Precip. horaria 0.000209 0.000000 734.802 0.000

L12.Temp. prom aire 0.010219 NAN NAN NAN

L13.Conduct 0.002317 NAN NAN NAN

L13.Water 0.006167 NAN NAN NAN

L13.Temp 0.004403 NAN NAN NAN

L13.Precip. horaria -0.000383 NAN NAN NAN

L13.Temp. prom aire 0.004401 NAN NAN NAN

L14.Conduct 0.019912 0.000000 60511378.098 0.000

L14.Water 0.007585 NAN NAN NAN

L14.Temp 0.010044 0.000000 3683647.835 0.000

L14.Precip. horaria 0.000299 0.000001 335.182 0.000

L14.Temp. prom aire 0.008103 NAN NAN NAN

L15.Conduct 0.005339 0.000000 2702865.493 0.000

L15.Water 0.004263 0.000000 1378439.749 0.000

L15.Temp 0.006158 0.000000 2926941.831 0.000

L15.Precip. horaria -0.000012 NAN NAN NAN

L15.Temp. prom aire 0.000064 0.000000 19771.364 0.000

L16.Conduct 0.019280 NAN NAN NAN

L16.Water 0.004588 NAN NAN NAN

L16.Temp 0.008815 NAN NAN NAN

L16.Precip. horaria 0.000084 0.000000 204.657 0.000

L16.Temp. prom aire 0.002747 NAN NAN NAN

L17.Conduct 0.000792 NAN NAN NAN

L17.Water 0.003194 NAN NAN NAN

L17.Temp 0.003983 NAN NAN NAN

L17.Precip. horaria -0.000109 NAN NAN NAN

L17.Temp. prom aire 0.005740 NAN NAN NAN

L18.Conduct 0.024769 0.000000 11519091.246 0.000

L18.Water 0.005515 NAN NAN NAN

L18.Temp 0.009666 0.000000 8905200.706 0.000

L18.Precip. horaria 0.000091 NAN NAN NAN

L18.Temp. prom aire -0.002427 0.000000 -691057.557 0.000

L19.Conduct 0.012189 0.000000 4444228.790 0.000

L19.Water 0.005098 NAN NAN NAN

L19.Temp 0.002890 NAN NAN NAN

L19.Precip. horaria -0.000107 0.000001 -98.200 0.000

L19.Temp. prom aire 0.019258 NAN NAN NAN

L20.Conduct -0.002356 NAN NAN NAN

L20.Water 0.000211 0.000000 10859.542 0.000

L20.Temp 0.006324 0.000000 3653179.429 0.000

L20.Precip. horaria 0.000202 NAN NAN NAN

L20.Temp. prom aire -0.001821 NAN NAN NAN

L21.Conduct 0.011258 0.000000 1588527.901 0.000

L21.Water 0.004988 NAN NAN NAN

L21.Temp 0.009268 0.000000 4485093.119 0.000

L21.Precip. horaria -0.000182 0.000000 -1435.010 0.000

L21.Temp. prom aire 0.008285 NAN NAN NAN

L22.Conduct 0.000692 0.000000 142588.848 0.000

L22.Water 0.001824 NAN NAN NAN

L22.Temp 0.011779 NAN NAN NAN

L22.Precip. horaria 0.000152 NAN NAN NAN

L22.Temp. prom aire 0.002993 NAN NAN NAN

L23.Conduct 0.001500 0.000000 171320.594 0.000

L23.Water 0.001522 NAN NAN NAN

L23.Temp 0.005806 0.000000 6280449.006 0.000

L23.Precip. horaria -0.000003 NAN NAN NAN

L23.Temp. prom aire 0.008078 NAN NAN NAN

L24.Conduct 0.001720 NAN NAN NAN

L24.Water 0.001884 0.000000 308136.266 0.000

L24.Temp 0.006838 0.000000 2756011.129 0.000

L24.Precip. horaria -0.000012 NAN NAN NAN

L24.Temp. prom aire 0.003177 0.000000 2102817.740 0.000

L25.Conduct 0.003720 0.000000 241162.015 0.000

L25.Water 0.002130 0.000000 280776.952 0.000

L25.Temp 0.006985 NAN NAN NAN

L25.Precip. horaria 0.000007 0.000029 0.245 0.807

L25.Temp. prom aire 0.007881 0.000000 4966804.876 0.000

L26.Conduct 0.003769 NAN NAN NAN

L26.Water 0.002518 0.000000 1761772.302 0.000

L26.Temp 0.004910 NAN NAN NAN

L26.Precip. horaria -0.000002 NAN NAN NAN

L26.Temp. prom aire 0.006054 0.000000 27292318.450 0.000

L27.Conduct 0.003759 0.000000 500302.879 0.000

L27.Water 0.001813 NAN NAN NAN

L27.Temp -0.000668 0.000000 -377355.687 0.000

L27.Precip. horaria 0.000005 NAN NAN NAN

L27.Temp. prom aire -0.005086 0.000000 -3374740.908 0.000

L28.Conduct 0.001696 NAN NAN NAN

L28.Water 0.002207 0.000000 244931.219 0.000

L28.Temp 0.015062 0.000000 6963504.941 0.000

L28.Precip. horaria -0.000003 0.000110 -0.026 0.980

L28.Temp. prom aire 0.006533 0.000000 2070002.525 0.000

L29.Conduct 0.004814 NAN NAN NAN

L29.Water 0.002370 NAN NAN NAN

L29.Temp 0.001565 NAN NAN NAN

L29.Precip. horaria -0.000001 NAN NAN NAN

L29.Temp. prom aire 0.008020 0.000000 6734345.554 0.000

L30.Conduct 0.000175 0.000000 53625.761 0.000

L30.Water 0.000168 0.000000 15555.095 0.000

L30.Temp 0.009715 0.000000 7122610.496 0.000

L30.Precip. horaria -0.000004 0.000021 -0.198 0.843

L30.Temp. prom aire -0.001468 NAN NAN NAN

L31.Conduct 0.005793 0.000000 392997.119 0.000

L31.Water 0.003257 NAN NAN NAN

L31.Temp 0.007919 0.000000 14099943.196 0.000

L31.Precip. horaria 0.000002 NAN NAN NAN

L31.Temp. prom aire 0.013490 0.000000 3515997.953 0.000

L32.Conduct 0.003881 0.000000 917014.676 0.000

L32.Water 0.003339 0.000000 558747.391 0.000

L32.Temp 0.001876 NAN NAN NAN

L32.Precip. horaria 0.000003 NAN NAN NAN

L32.Temp. prom aire -0.002689 NAN NAN NAN

L33.Conduct 0.006908 NAN NAN NAN

L33.Water 0.005842 0.000000 2069338.250 0.000

L33.Temp 0.001412 NAN NAN NAN

L33.Precip. horaria 0.000005 0.000103 0.047 0.962

L33.Temp. prom aire 0.007706 0.000000 2907853.021 0.000

L34.Conduct 0.004812 NAN NAN NAN

L34.Water 0.006162 0.000000 1284450.682 0.000

L34.Temp 0.005050 NAN NAN NAN

L34.Precip. horaria -0.000039 NAN NAN NAN

L34.Temp. prom aire -0.000277 NAN NAN NAN

L35.Conduct 0.008349 NAN NAN NAN

L35.Water 0.009198 NAN NAN NAN

L35.Temp 0.000747 0.000000 289520.028 0.000

L35.Precip. horaria 0.000047 NAN NAN NAN

L35.Temp. prom aire 0.001969 NAN NAN NAN

L36.Conduct 0.001968 NAN NAN NAN

L36.Water 0.003016 NAN NAN NAN

L36.Temp 0.014571 0.000000 10903873.872 0.000

L36.Precip. horaria 0.000023 NAN NAN NAN

L36.Temp. prom aire 0.003023 NAN NAN NAN

L37.Conduct 0.005350 0.000000 1288372.243 0.000

L37.Water 0.006524 0.000000 1622277.269 0.000

L37.Temp 0.003860 NAN NAN NAN

L37.Precip. horaria -0.000009 0.000006 -1.318 0.187

L37.Temp. prom aire 0.006159 NAN NAN NAN

L38.Conduct 0.005938 0.000000 1529915.087 0.000

L38.Water 0.005294 NAN NAN NAN

L38.Temp 0.011921 NAN NAN NAN

L38.Precip. horaria -0.000029 0.000003 -8.701 0.000

L38.Temp. prom aire 0.009496 NAN NAN NAN

L39.Conduct 0.009518 NAN NAN NAN

L39.Water 0.008408 0.000000 3433123.051 0.000

L39.Temp -0.000112 NAN NAN NAN

L39.Precip. horaria -0.000017 0.000005 -3.535 0.000

L39.Temp. prom aire 0.003130 0.000000 357782.184 0.000

L40.Conduct 0.008489 NAN NAN NAN

L40.Water 0.007978 0.000000 2718173.855 0.000

L40.Temp 0.007877 NAN NAN NAN

L40.Precip. horaria 0.000069 0.000001 50.716 0.000

L40.Temp. prom aire 0.003695 0.000000 1159616.741 0.000

L41.Conduct 0.002957 NAN NAN NAN

L41.Water 0.004445 NAN NAN NAN

L41.Temp 0.006032 0.000000 2454076.171 0.000

L41.Precip. horaria 0.000142 NAN NAN NAN

L41.Temp. prom aire 0.000965 0.000000 1258389.814 0.000

L42.Conduct 0.001241 NAN NAN NAN

L42.Water 0.003024 0.000000 1292202.443 0.000

L42.Temp 0.010965 NAN NAN NAN

L42.Precip. horaria -0.000147 0.000001 -111.472 0.000

L42.Temp. prom aire 0.006917 NAN NAN NAN

L43.Conduct 0.002319 NAN NAN NAN

L43.Water 0.004694 NAN NAN NAN

L43.Temp 0.007119 0.000000 6626940.956 0.000

L43.Precip. horaria -0.000093 0.000001 -74.228 0.000

L43.Temp. prom aire 0.004993 NAN NAN NAN

L44.Conduct -0.000478 NAN NAN NAN

L44.Water 0.006487 0.000000 6058280.982 0.000

L44.Temp 0.002625 0.000000 539374.746 0.000

L44.Precip. horaria 0.000306 NAN NAN NAN

L44.Temp. prom aire 0.003810 0.000000 1270606.475 0.000

L45.Conduct 0.033780 0.000000 20141107.431 0.000

L45.Water 0.013337 0.000000 8743979.900 0.000

L45.Temp 0.007758 NAN NAN NAN

L45.Precip. horaria 0.000098 NAN NAN NAN

L45.Temp. prom aire 0.002290 0.000000 316146.613 0.000

L46.Conduct 0.019396 NAN NAN NAN

L46.Water 0.004373 0.000000 1577130.670 0.000

L46.Temp 0.005702 NAN NAN NAN

L46.Precip. horaria 0.000230 0.000001 195.657 0.000

L46.Temp. prom aire 0.004760 0.000000 999455.196 0.000

L47.Conduct -0.002630 0.000000 -3143835.235 0.000

L47.Water -0.006139 NAN NAN NAN

L47.Temp 0.008631 NAN NAN NAN

L47.Precip. horaria 0.000000 NAN NAN NAN

L47.Temp. prom aire 0.001604 0.000000 2539190.638 0.000

L48.Conduct -0.024726 NAN NAN NAN

L48.Water 0.001405 0.000000 5600461.297 0.000

L48.Temp 0.010033 0.000000 4010288.484 0.000

L48.Precip. horaria -0.000461 NAN NAN NAN

L48.Temp. prom aire 0.011208 NAN NAN NAN

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Results for equation Precip. horaria

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coefficient std. error t-stat prob

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const 0.000002 NAN NAN NAN

L1.Conduct -0.001907 0.000000 -25480132.927 0.000

L1.Water -0.000203 0.000000 -1490926.182 0.000

L1.Temp -0.000812 NAN NAN NAN

L1.Precip. horaria -0.000079 NAN NAN NAN

L1.Temp. prom aire -0.001105 NAN NAN NAN

L2.Conduct 0.001706 NAN NAN NAN

L2.Water 0.000547 0.000000 183468853.447 0.000

L2.Temp 0.000683 0.000000 19344578.825 0.000

L2.Precip. horaria 0.000006 0.000000 1344.905 0.000

L2.Temp. prom aire 0.000998 0.000000 12316821.017 0.000

L3.Conduct -0.001696 NAN NAN NAN

L3.Water -0.000040 NAN NAN NAN

L3.Temp -0.000224 NAN NAN NAN

L3.Precip. horaria -0.000071 NAN NAN NAN

L3.Temp. prom aire 0.000329 0.000000 2138682.842 0.000

L4.Conduct 0.005165 0.000000 248644777.640 0.000

L4.Water 0.000107 0.000000 1553827.837 0.000

L4.Temp -0.000165 NAN NAN NAN

L4.Precip. horaria 0.000029 NAN NAN NAN

L4.Temp. prom aire -0.000261 0.000000 -1446851.308 0.000

L5.Conduct -0.003790 NAN NAN NAN

L5.Water -0.000791 NAN NAN NAN

L5.Temp -0.000258 NAN NAN NAN

L5.Precip. horaria -0.000004 0.000000 -358.554 0.000

L5.Temp. prom aire -0.000783 NAN NAN NAN

L6.Conduct 0.001281 0.000000 69729425.302 0.000

L6.Water -0.000180 NAN NAN NAN

L6.Temp 0.000276 NAN NAN NAN

L6.Precip. horaria 0.000017 0.000000 4548.118 0.000

L6.Temp. prom aire 0.000391 0.000000 6106059.845 0.000

L7.Conduct 0.003530 NAN NAN NAN

L7.Water 0.001474 NAN NAN NAN

L7.Temp -0.000108 NAN NAN NAN

L7.Precip. horaria -0.000072 NAN NAN NAN

L7.Temp. prom aire -0.000446 0.000000 -7547617.892 0.000

L8.Conduct -0.003866 NAN NAN NAN

L8.Water -0.000330 NAN NAN NAN

L8.Temp 0.000301 NAN NAN NAN

L8.Precip. horaria 0.000078 NAN NAN NAN

L8.Temp. prom aire 0.001003 NAN NAN NAN

L9.Conduct -0.003326 0.000000 -67595204.949 0.000

L9.Water -0.000343 NAN NAN NAN

L9.Temp -0.000149 NAN NAN NAN

L9.Precip. horaria 0.000018 NAN NAN NAN

L9.Temp. prom aire 0.000139 NAN NAN NAN

L10.Conduct -0.001050 0.000000 -9348380.074 0.000

L10.Water -0.000188 0.000000 -1340785.611 0.000

L10.Temp -0.000882 NAN NAN NAN

L10.Precip. horaria -0.000048 NAN NAN NAN

L10.Temp. prom aire -0.001097 0.000000 -8615857.386 0.000

L11.Conduct 0.005057 NAN NAN NAN

L11.Water 0.000467 NAN NAN NAN

L11.Temp 0.000371 NAN NAN NAN

L11.Precip. horaria 0.000045 0.000000 1011.797 0.000

L11.Temp. prom aire 0.000012 0.000000 134520.290 0.000

L12.Conduct 0.002804 NAN NAN NAN

L12.Water -0.000279 0.000000 -2875725.479 0.000

L12.Temp -0.000057 NAN NAN NAN

L12.Precip. horaria -0.000006 0.000000 -668.289 0.000

L12.Temp. prom aire -0.000007 NAN NAN NAN

L13.Conduct 0.002300 NAN NAN NAN

L13.Water 0.000042 NAN NAN NAN

L13.Temp 0.000449 NAN NAN NAN

L13.Precip. horaria -0.000025 NAN NAN NAN

L13.Temp. prom aire 0.000487 NAN NAN NAN

L14.Conduct -0.005604 0.000000 -536997648.798 0.000

L14.Water -0.000395 NAN NAN NAN

L14.Temp 0.000411 0.000000 4755464.159 0.000

L14.Precip. horaria -0.000027 0.000000 -967.644 0.000

L14.Temp. prom aire 0.000517 NAN NAN NAN

L15.Conduct 0.002739 0.000000 43726322.668 0.000

L15.Water 0.000943 0.000000 9620792.216 0.000

L15.Temp -0.000683 0.000000 -10242692.090 0.000

L15.Precip. horaria -0.000004 NAN NAN NAN

L15.Temp. prom aire 0.000030 0.000000 291045.389 0.000

L16.Conduct -0.000065 NAN NAN NAN

L16.Water 0.000475 NAN NAN NAN

L16.Temp -0.000341 NAN NAN NAN

L16.Precip. horaria 0.000017 0.000000 1307.068 0.000

L16.Temp. prom aire -0.001291 NAN NAN NAN

L17.Conduct -0.002890 NAN NAN NAN

L17.Water -0.001132 NAN NAN NAN

L17.Temp 0.000313 NAN NAN NAN

L17.Precip. horaria 0.000074 NAN NAN NAN

L17.Temp. prom aire 0.001191 NAN NAN NAN

L18.Conduct 0.000739 0.000000 10833600.961 0.000

L18.Water 0.000022 NAN NAN NAN

L18.Temp 0.000138 0.000000 4018111.154 0.000

L18.Precip. horaria -0.000055 NAN NAN NAN

L18.Temp. prom aire -0.001090 0.000000 -9787223.258 0.000

L19.Conduct -0.001556 0.000000 -17891290.034 0.000

L19.Water -0.000458 NAN NAN NAN

L19.Temp 0.000088 NAN NAN NAN

L19.Precip. horaria 0.000011 0.000000 314.814 0.000

L19.Temp. prom aire 0.001577 NAN NAN NAN

L20.Conduct 0.000514 NAN NAN NAN

L20.Water 0.000182 0.000000 295210.565 0.000

L20.Temp 0.000233 0.000000 4248068.962 0.000

L20.Precip. horaria -0.000023 NAN NAN NAN

L20.Temp. prom aire -0.001640 NAN NAN NAN

L21.Conduct 0.000948 0.000000 4216753.117 0.000

L21.Water 0.000309 NAN NAN NAN

L21.Temp 0.000122 0.000000 1861199.338 0.000

L21.Precip. horaria -0.000000 0.000000 -33.425 0.000

L21.Temp. prom aire 0.001180 NAN NAN NAN

L22.Conduct -0.000136 0.000000 -884142.833 0.000

L22.Water -0.000018 NAN NAN NAN

L22.Temp 0.000102 NAN NAN NAN

L22.Precip. horaria 0.000013 NAN NAN NAN

L22.Temp. prom aire -0.000014 NAN NAN NAN

L23.Conduct -0.000013 0.000000 -47224.524 0.000

L23.Water -0.000016 NAN NAN NAN

L23.Temp -0.000099 0.000000 -3383175.480 0.000

L23.Precip. horaria -0.000002 NAN NAN NAN

L23.Temp. prom aire -0.000012 NAN NAN NAN

L24.Conduct -0.000048 NAN NAN NAN

L24.Water 0.000026 0.000000 136011.359 0.000

L24.Temp 0.000440 0.000000 5588362.305 0.000

L24.Precip. horaria -0.000001 NAN NAN NAN

L24.Temp. prom aire -0.000599 0.000000 -12494434.235 0.000

L25.Conduct 0.000041 0.000000 83120.457 0.000

L25.Water -0.000022 0.000000 -91786.385 0.000

L25.Temp -0.000187 NAN NAN NAN

L25.Precip. horaria 0.000001 0.000001 1.135 0.256

L25.Temp. prom aire 0.000191 0.000000 3792212.810 0.000

L26.Conduct -0.000096 NAN NAN NAN

L26.Water -0.000016 0.000000 -348439.227 0.000

L26.Temp -0.000027 NAN NAN NAN

L26.Precip. horaria -0.000001 NAN NAN NAN

L26.Temp. prom aire 0.000404 0.000000 57501162.855 0.000

L27.Conduct 0.000007 0.000000 30946.500 0.000

L27.Water -0.000005 NAN NAN NAN

L27.Temp 0.000204 0.000000 3628907.323 0.000

L27.Precip. horaria 0.000000 NAN NAN NAN

L27.Temp. prom aire 0.000193 0.000000 4038494.970 0.000

L28.Conduct -0.000143 NAN NAN NAN

L28.Water 0.000005 0.000000 18807.534 0.000

L28.Temp 0.000407 0.000000 5932487.558 0.000

L28.Precip. horaria 0.000000 0.000003 0.057 0.955

L28.Temp. prom aire 0.000985 0.000000 9841248.519 0.000

L29.Conduct 0.000034 NAN NAN NAN

L29.Water -0.000012 NAN NAN NAN

L29.Temp -0.000304 NAN NAN NAN

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire -0.001781 0.000000 -47169872.693 0.000

L30.Conduct -0.000326 0.000000 -3151101.419 0.000

L30.Water -0.000099 0.000000 -287731.255 0.000

L30.Temp 0.000741 0.000000 17131851.757 0.000

L30.Precip. horaria -0.000000 0.000001 -0.644 0.519

L30.Temp. prom aire 0.000684 NAN NAN NAN

L31.Conduct 0.000251 0.000000 537106.400 0.000

L31.Water 0.000141 NAN NAN NAN

L31.Temp 0.000093 0.000000 5196439.834 0.000

L31.Precip. horaria -0.000000 NAN NAN NAN

L31.Temp. prom aire 0.000275 0.000000 2258586.560 0.000

L32.Conduct -0.000114 0.000000 -852586.559 0.000

L32.Water -0.000136 0.000000 -717267.467 0.000

L32.Temp -0.000247 NAN NAN NAN

L32.Precip. horaria -0.000000 NAN NAN NAN

L32.Temp. prom aire 0.000123 NAN NAN NAN

L33.Conduct 0.000186 NAN NAN NAN

L33.Water 0.000094 0.000000 1048593.310 0.000

L33.Temp -0.000336 NAN NAN NAN

L33.Precip. horaria 0.000000 0.000003 0.091 0.928

L33.Temp. prom aire 0.000034 0.000000 410353.519 0.000

L34.Conduct -0.000218 NAN NAN NAN

L34.Water -0.000168 0.000000 -1106196.293 0.000

L34.Temp 0.000440 NAN NAN NAN

L34.Precip. horaria -0.000000 NAN NAN NAN

L34.Temp. prom aire -0.000387 NAN NAN NAN

L35.Conduct 0.000004 NAN NAN NAN

L35.Water 0.000092 NAN NAN NAN

L35.Temp 0.000100 0.000000 1219518.407 0.000

L35.Precip. horaria 0.000002 NAN NAN NAN

L35.Temp. prom aire 0.000225 NAN NAN NAN

L36.Conduct -0.000416 NAN NAN NAN

L36.Water -0.000362 NAN NAN NAN

L36.Temp 0.000805 0.000000 18999722.159 0.000

L36.Precip. horaria -0.000004 NAN NAN NAN

L36.Temp. prom aire 0.000192 NAN NAN NAN

L37.Conduct 0.000125 0.000000 945847.187 0.000

L37.Water 0.000198 0.000000 1549668.572 0.000

L37.Temp -0.000362 NAN NAN NAN

L37.Precip. horaria 0.000002 0.000000 9.411 0.000

L37.Temp. prom aire 0.000585 NAN NAN NAN

L38.Conduct -0.000064 0.000000 -522483.928 0.000

L38.Water -0.000241 NAN NAN NAN

L38.Temp 0.000121 NAN NAN NAN

L38.Precip. horaria -0.000002 0.000000 -15.074 0.000

L38.Temp. prom aire -0.000381 NAN NAN NAN

L39.Conduct -0.000133 NAN NAN NAN

L39.Water -0.000024 0.000000 -314314.238 0.000

L39.Temp 0.000399 NAN NAN NAN

L39.Precip. horaria 0.000001 0.000000 3.433 0.001

L39.Temp. prom aire 0.000137 0.000000 493575.283 0.000

L40.Conduct 0.000308 NAN NAN NAN

L40.Water 0.000118 0.000000 1265417.618 0.000

L40.Temp -0.000180 NAN NAN NAN

L40.Precip. horaria 0.000001 0.000000 16.428 0.000

L40.Temp. prom aire 0.000464 0.000000 4594338.000 0.000

L41.Conduct -0.000155 NAN NAN NAN

L41.Water -0.000030 NAN NAN NAN

L41.Temp -0.000789 0.000000 -10124632.537 0.000

L41.Precip. horaria -0.000001 NAN NAN NAN

L41.Temp. prom aire -0.000975 0.000000 -40115163.980 0.000

L42.Conduct 0.000204 NAN NAN NAN

L42.Water 0.000144 0.000000 1934561.207 0.000

L42.Temp 0.000415 NAN NAN NAN

L42.Precip. horaria -0.000003 0.000000 -60.495 0.000

L42.Temp. prom aire 0.000467 NAN NAN NAN

L43.Conduct -0.000319 NAN NAN NAN

L43.Water -0.000125 NAN NAN NAN

L43.Temp 0.000178 0.000000 5231618.663 0.000

L43.Precip. horaria -0.000001 0.000000 -34.845 0.000

L43.Temp. prom aire -0.000250 NAN NAN NAN

L44.Conduct -0.000102 NAN NAN NAN

L44.Water -0.000071 0.000000 -2101758.303 0.000

L44.Temp 0.000322 0.000000 2084380.479 0.000

L44.Precip. horaria 0.000010 NAN NAN NAN

L44.Temp. prom aire 0.000278 0.000000 2921289.645 0.000

L45.Conduct 0.000658 0.000000 12372658.253 0.000

L45.Water -0.000108 0.000000 -2233400.101 0.000

L45.Temp 0.000674 NAN NAN NAN

L45.Precip. horaria -0.000014 NAN NAN NAN

L45.Temp. prom aire 0.000129 0.000000 561136.649 0.000

L46.Conduct -0.001042 NAN NAN NAN

L46.Water -0.000133 0.000000 -1517253.790 0.000

L46.Temp -0.001186 NAN NAN NAN

L46.Precip. horaria 0.000012 0.000000 325.494 0.000

L46.Temp. prom aire 0.000308 0.000000 2039048.042 0.000

L47.Conduct 0.000787 0.000000 29668181.268 0.000

L47.Water 0.000150 NAN NAN NAN

L47.Temp 0.000477 NAN NAN NAN

L47.Precip. horaria -0.000011 NAN NAN NAN

L47.Temp. prom aire -0.000186 0.000000 -9262954.484 0.000

L48.Conduct -0.000543 NAN NAN NAN

L48.Water 0.000634 0.000000 79771958.072 0.000

L48.Temp -0.000711 0.000000 -8962923.747 0.000

L48.Precip. horaria -0.000016 NAN NAN NAN

L48.Temp. prom aire 0.000098 NAN NAN NAN

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Results for equation Temp. prom aire

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coefficient std. error t-stat prob

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const 0.000279 NAN NAN NAN

L1.Conduct -0.008894 0.000000 -5234937.616 0.000

L1.Water 0.017738 0.000000 5743951.864 0.000

L1.Temp -0.017482 NAN NAN NAN

L1.Precip. horaria -0.001662 NAN NAN NAN

L1.Temp. prom aire -0.022576 NAN NAN NAN

L2.Conduct 0.007255 NAN NAN NAN

L2.Water -0.000973 0.000000 -14378827.047 0.000

L2.Temp 0.005204 0.000000 6490659.640 0.000

L2.Precip. horaria 0.001342 0.000000 12273.185 0.000

L2.Temp. prom aire 0.011877 0.000000 6454516.885 0.000

L3.Conduct -0.060656 NAN NAN NAN

L3.Water -0.007336 NAN NAN NAN

L3.Temp -0.004872 NAN NAN NAN

L3.Precip. horaria 0.000194 NAN NAN NAN

L3.Temp. prom aire -0.017889 0.000000 -5119986.554 0.000

L4.Conduct 0.088834 0.000000 188359636.318 0.000

L4.Water 0.002907 0.000000 1853166.104 0.000

L4.Temp 0.011537 NAN NAN NAN

L4.Precip. horaria 0.000567 NAN NAN NAN

L4.Temp. prom aire 0.012954 0.000000 3163861.399 0.000

L5.Conduct -0.050544 NAN NAN NAN

L5.Water -0.002031 NAN NAN NAN

L5.Temp 0.009637 NAN NAN NAN

L5.Precip. horaria -0.000995 0.000000 -3558.042 0.000

L5.Temp. prom aire -0.004824 NAN NAN NAN

L6.Conduct -0.020336 0.000000 -48772470.150 0.000

L6.Water -0.004097 NAN NAN NAN

L6.Temp 0.017368 NAN NAN NAN

L6.Precip. horaria 0.000823 0.000000 9685.513 0.000

L6.Temp. prom aire 0.032983 0.000000 22690776.678 0.000

L7.Conduct -0.016988 NAN NAN NAN

L7.Water 0.015716 NAN NAN NAN

L7.Temp -0.005635 NAN NAN NAN

L7.Precip. horaria -0.001541 NAN NAN NAN

L7.Temp. prom aire -0.021027 0.000000 -15687384.525 0.000

L8.Conduct 0.005825 NAN NAN NAN

L8.Water 0.000912 NAN NAN NAN

L8.Temp 0.013218 NAN NAN NAN

L8.Precip. horaria 0.001641 NAN NAN NAN

L8.Temp. prom aire 0.021703 NAN NAN NAN

L9.Conduct 0.009838 0.000000 8808103.445 0.000

L9.Water 0.004826 NAN NAN NAN

L9.Temp -0.001469 NAN NAN NAN

L9.Precip. horaria -0.000704 NAN NAN NAN

L9.Temp. prom aire -0.014159 NAN NAN NAN

L10.Conduct 0.030714 0.000000 12047026.860 0.000

L10.Water -0.001448 0.000000 -455007.629 0.000

L10.Temp 0.015650 NAN NAN NAN

L10.Precip. horaria 0.000739 NAN NAN NAN

L10.Temp. prom aire 0.016846 0.000000 5828446.462 0.000

L11.Conduct -0.023432 NAN NAN NAN

L11.Water 0.001374 NAN NAN NAN

L11.Temp 0.006744 NAN NAN NAN

L11.Precip. horaria -0.000923 0.000001 -911.968 0.000

L11.Temp. prom aire -0.003847 0.000000 -1929942.478 0.000

L12.Conduct 0.013877 NAN NAN NAN

L12.Water 0.005023 0.000000 2278333.472 0.000

L12.Temp 0.012969 NAN NAN NAN

L12.Precip. horaria 0.000522 0.000000 2545.813 0.000

L12.Temp. prom aire 0.013836 NAN NAN NAN

L13.Conduct -0.008832 NAN NAN NAN

L13.Water 0.008744 NAN NAN NAN

L13.Temp -0.004382 NAN NAN NAN

L13.Precip. horaria -0.000735 NAN NAN NAN

L13.Temp. prom aire 0.009939 NAN NAN NAN

L14.Conduct 0.019327 0.000000 81581336.969 0.000

L14.Water 0.004849 NAN NAN NAN

L14.Temp 0.010917 0.000000 5561628.735 0.000

L14.Precip. horaria 0.000828 0.000001 1288.542 0.000

L14.Temp. prom aire 0.001878 NAN NAN NAN

L15.Conduct 0.003083 0.000000 2168318.047 0.000

L15.Water 0.003488 0.000000 1566885.207 0.000

L15.Temp 0.006466 0.000000 4268778.983 0.000

L15.Precip. horaria -0.000201 NAN NAN NAN

L15.Temp. prom aire -0.001669 0.000000 -721241.367 0.000

L16.Conduct 0.017709 NAN NAN NAN

L16.Water -0.000394 NAN NAN NAN

L16.Temp 0.009119 NAN NAN NAN

L16.Precip. horaria 0.000323 0.000000 1092.953 0.000

L16.Temp. prom aire -0.001421 NAN NAN NAN

L17.Conduct -0.012419 NAN NAN NAN

L17.Water 0.001072 NAN NAN NAN

L17.Temp 0.003094 NAN NAN NAN

L17.Precip. horaria -0.000454 NAN NAN NAN

L17.Temp. prom aire 0.004523 NAN NAN NAN

L18.Conduct 0.020482 0.000000 13230916.761 0.000

L18.Water 0.004726 NAN NAN NAN

L18.Temp 0.012719 0.000000 16277180.679 0.000

L18.Precip. horaria 0.000153 NAN NAN NAN

L18.Temp. prom aire -0.000995 0.000000 -393665.339 0.000

L19.Conduct 0.021894 0.000000 11088681.969 0.000

L19.Water 0.008094 NAN NAN NAN

L19.Temp -0.003266 NAN NAN NAN

L19.Precip. horaria -0.000228 0.000001 -290.350 0.000

L19.Temp. prom aire 0.026979 NAN NAN NAN

L20.Conduct -0.010628 NAN NAN NAN

L20.Water -0.002498 0.000000 -178833.700 0.000

L20.Temp 0.006768 0.000000 5430671.512 0.000

L20.Precip. horaria 0.000440 NAN NAN NAN

L20.Temp. prom aire -0.011591 NAN NAN NAN

L21.Conduct 0.005424 0.000000 1063156.518 0.000

L21.Water 0.002955 NAN NAN NAN

L21.Temp 0.011127 0.000000 7479253.352 0.000

L21.Precip. horaria -0.000260 0.000000 -2844.218 0.000

L21.Temp. prom aire 0.006197 NAN NAN NAN

L22.Conduct -0.003488 0.000000 -998703.149 0.000

L22.Water 0.001044 NAN NAN NAN

L22.Temp 0.021811 NAN NAN NAN

L22.Precip. horaria 0.000123 NAN NAN NAN

L22.Temp. prom aire 0.004596 NAN NAN NAN

L23.Conduct 0.000873 0.000000 138557.584 0.000

L23.Water 0.000674 NAN NAN NAN

L23.Temp -0.000011 0.000000 -16644.265 0.000

L23.Precip. horaria -0.000013 NAN NAN NAN

L23.Temp. prom aire 0.013982 NAN NAN NAN

L24.Conduct -0.001464 NAN NAN NAN

L24.Water 0.000965 0.000000 219244.807 0.000

L24.Temp 0.009461 0.000000 5296658.293 0.000

L24.Precip. horaria -0.000018 NAN NAN NAN

L24.Temp. prom aire -0.000887 0.000000 -815223.209 0.000

L25.Conduct 0.003863 0.000000 347870.275 0.000

L25.Water 0.001786 0.000000 327005.908 0.000

L25.Temp 0.010163 NAN NAN NAN

L25.Precip. horaria 0.000018 0.000021 0.833 0.405

L25.Temp. prom aire 0.021224 0.000000 18579833.213 0.000

L26.Conduct 0.001084 NAN NAN NAN

L26.Water 0.001839 0.000000 1786755.443 0.000

L26.Temp 0.003985 NAN NAN NAN

L26.Precip. horaria -0.000004 NAN NAN NAN

L26.Temp. prom aire -0.004226 0.000000 -26460752.460 0.000

L27.Conduct 0.002373 0.000000 438819.398 0.000

L27.Water 0.000826 NAN NAN NAN

L27.Temp -0.000087 0.000000 -68193.827 0.000

L27.Precip. horaria 0.000008 NAN NAN NAN

L27.Temp. prom aire -0.004072 0.000000 -3753627.584 0.000

L28.Conduct -0.001670 NAN NAN NAN

L28.Water 0.001110 0.000000 171117.473 0.000

L28.Temp 0.021724 0.000000 13950359.383 0.000

L28.Precip. horaria -0.000010 0.000079 -0.122 0.903

L28.Temp. prom aire 0.004397 0.000000 1935225.179 0.000

L29.Conduct 0.005115 NAN NAN NAN

L29.Water 0.001350 NAN NAN NAN

L29.Temp -0.004846 NAN NAN NAN

L29.Precip. horaria 0.000000 NAN NAN NAN

L29.Temp. prom aire 0.012286 0.000000 14330475.949 0.000

L30.Conduct -0.006316 0.000000 -2686925.715 0.000

L30.Water -0.005856 0.000000 -751750.128 0.000

L30.Temp 0.020630 0.000000 21009859.403 0.000

L30.Precip. horaria -0.000012 0.000015 -0.811 0.417

L30.Temp. prom aire -0.004612 NAN NAN NAN

L31.Conduct 0.006752 0.000000 636300.158 0.000

L31.Water 0.002082 NAN NAN NAN

L31.Temp 0.004690 0.000000 11599129.492 0.000

L31.Precip. horaria 0.000010 NAN NAN NAN

L31.Temp. prom aire 0.021870 0.000000 7917849.061 0.000

L32.Conduct -0.000285 0.000000 -93585.115 0.000

L32.Water -0.001280 0.000000 -297529.231 0.000

L32.Temp 0.002413 NAN NAN NAN

L32.Precip. horaria 0.000003 NAN NAN NAN

L32.Temp. prom aire -0.010059 NAN NAN NAN

L33.Conduct 0.005476 NAN NAN NAN

L33.Water 0.003920 0.000000 1928910.659 0.000

L33.Temp -0.002660 NAN NAN NAN

L33.Precip. horaria 0.000013 0.000074 0.171 0.864

L33.Temp. prom aire 0.008713 0.000000 4566636.580 0.000

L34.Conduct 0.001794 NAN NAN NAN

L34.Water 0.004681 0.000000 1355254.544 0.000

L34.Temp 0.008280 NAN NAN NAN

L34.Precip. horaria -0.000139 NAN NAN NAN

L34.Temp. prom aire 0.001887 NAN NAN NAN

L35.Conduct 0.007758 NAN NAN NAN

L35.Water 0.008164 NAN NAN NAN

L35.Temp -0.003464 0.000000 -1863623.304 0.000

L35.Precip. horaria 0.000146 NAN NAN NAN

L35.Temp. prom aire -0.002095 NAN NAN NAN

L36.Conduct -0.004376 NAN NAN NAN

L36.Water -0.002441 NAN NAN NAN

L36.Temp 0.024261 0.000000 25218627.566 0.000

L36.Precip. horaria 0.000016 NAN NAN NAN

L36.Temp. prom aire 0.003611 NAN NAN NAN

L37.Conduct 0.003416 0.000000 1142676.422 0.000

L37.Water 0.004597 0.000000 1587849.650 0.000

L37.Temp -0.002377 NAN NAN NAN

L37.Precip. horaria -0.000046 0.000005 -9.951 0.000

L37.Temp. prom aire 0.009203 NAN NAN NAN

L38.Conduct 0.004576 0.000000 1637541.240 0.000

L38.Water 0.003665 NAN NAN NAN

L38.Temp 0.011599 NAN NAN NAN

L38.Precip. horaria -0.000064 0.000002 -26.649 0.000

L38.Temp. prom aire 0.011276 NAN NAN NAN

L39.Conduct 0.014718 NAN NAN NAN

L39.Water 0.012342 0.000000 6999995.211 0.000

L39.Temp -0.007562 NAN NAN NAN

L39.Precip. horaria -0.000215 0.000004 -61.084 0.000

L39.Temp. prom aire 0.000618 0.000000 98094.759 0.000

L40.Conduct 0.010120 NAN NAN NAN

L40.Water 0.009428 0.000000 4461841.710 0.000

L40.Temp 0.009204 NAN NAN NAN

L40.Precip. horaria 0.000329 0.000001 336.944 0.000

L40.Temp. prom aire -0.000627 0.000000 -273238.691 0.000

L41.Conduct -0.004454 NAN NAN NAN

L41.Water -0.000167 NAN NAN NAN

L41.Temp 0.006599 0.000000 3729279.805 0.000

L41.Precip. horaria 0.000224 NAN NAN NAN

L41.Temp. prom aire -0.001778 0.000000 -3222525.336 0.000

L42.Conduct -0.008250 NAN NAN NAN

L42.Water -0.003616 0.000000 -2146470.135 0.000

L42.Temp 0.016550 NAN NAN NAN

L42.Precip. horaria -0.000564 0.000001 -595.797 0.000

L42.Temp. prom aire 0.012705 NAN NAN NAN

L43.Conduct -0.003388 NAN NAN NAN

L43.Water 0.005845 NAN NAN NAN

L43.Temp 0.003912 0.000000 5057637.478 0.000

L43.Precip. horaria -0.000243 0.000001 -268.785 0.000

L43.Temp. prom aire 0.007283 NAN NAN NAN

L44.Conduct -0.020254 NAN NAN NAN

L44.Water 0.008668 0.000000 11244437.938 0.000

L44.Temp -0.006844 0.000000 -1953233.313 0.000

L44.Precip. horaria 0.000526 NAN NAN NAN

L44.Temp. prom aire 0.002046 0.000000 947852.140 0.000

L45.Conduct 0.087381 0.000000 72368440.053 0.000

L45.Water 0.033250 0.000000 30280003.042 0.000

L45.Temp 0.004222 NAN NAN NAN

L45.Precip. horaria 0.000429 NAN NAN NAN

L45.Temp. prom aire -0.007943 0.000000 -1523312.015 0.000

L46.Conduct 0.017063 NAN NAN NAN

L46.Water 0.000779 0.000000 390404.469 0.000

L46.Temp 0.004955 NAN NAN NAN

L46.Precip. horaria 0.000453 0.000001 534.549 0.000

L46.Temp. prom aire 0.005973 0.000000 1742178.908 0.000

L47.Conduct -0.015146 0.000000 -25147121.639 0.000

L47.Water -0.017554 NAN NAN NAN

L47.Temp 0.009205 NAN NAN NAN

L47.Precip. horaria -0.000137 NAN NAN NAN

L47.Temp. prom aire -0.002030 0.000000 -4464086.924 0.000

L48.Conduct -0.070853 NAN NAN NAN

L48.Water 0.016482 0.000000 91273830.980 0.000

L48.Temp 0.013193 0.000000 7325133.458 0.000

L48.Precip. horaria -0.001122 NAN NAN NAN

L48.Temp. prom aire 0.020494 NAN NAN NAN

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Correlation matrix of residuals

Conduct Water Temp Precip. horaria Temp. prom aire

Conduct 1.000000 -0.259512 0.346848 -0.026012 0.575555

Water -0.259512 1.000000 -0.717217 0.730798 -0.684429

Temp 0.346848 -0.717217 1.000000 -0.594783 0.879220

Precip. horaria -0.026012 0.730798 -0.594783 1.000000 -0.517647

**Resultados Autoregressive moving-average with exogenous variables (ARMAX)**

Coeficientes regresiones para series temporales Horarias:

1. Sensor Sur Medio (A8404117D184396A):

SARIMAX Results

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Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 30874.847

Date: Fri, 10 May 2024 AIC -61659.694

Time: 16:44:18 BIC -61328.206

Sample: 06-03-2022 HQIC -61548.353

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 10.4535 0.533 19.598 0.000 9.408 11.499

Water 2.2330 0.010 214.386 0.000 2.213 2.253

Temp -0.3082 0.021 -14.859 0.000 -0.349 -0.268

Precip. horaria -0.0013 0.000 -3.314 0.001 -0.002 -0.001

Temp. prom aire 0.0002 7.76e-05 2.808 0.005 6.58e-05 0.000

ar.L1 0.6054 0.018 34.500 0.000 0.571 0.640

ar.L2 0.6675 0.019 34.651 0.000 0.630 0.705

ar.L3 0.2244 0.041 5.466 0.000 0.144 0.305

ar.L4 -0.0795 0.031 -2.553 0.011 -0.141 -0.018

ar.L5 -0.1174 0.012 -10.203 0.000 -0.140 -0.095

ar.L6 -0.0553 0.012 -4.696 0.000 -0.078 -0.032

ar.L7 -0.0450 0.013 -3.366 0.001 -0.071 -0.019

ar.L8 -0.3588 0.028 -12.871 0.000 -0.413 -0.304

ar.L9 0.0470 0.034 1.393 0.164 -0.019 0.113

ar.L10 0.0853 0.031 2.725 0.006 0.024 0.147

ar.L11 -0.0884 0.091 -0.974 0.330 -0.266 0.090

ar.L12 0.1163 0.073 1.596 0.110 -0.026 0.259

ar.L13 -0.0818 0.028 -2.960 0.003 -0.136 -0.028

ar.L14 -0.0541 0.023 -2.401 0.016 -0.098 -0.010

ar.L15 0.1010 0.021 4.779 0.000 0.060 0.142

ar.L16 -0.1014 0.024 -4.212 0.000 -0.149 -0.054

ar.L17 0.0934 0.026 3.523 0.000 0.041 0.145

ar.L18 0.0842 0.024 3.503 0.000 0.037 0.131

ar.L19 -0.0488 0.030 -1.650 0.099 -0.107 0.009

ar.L20 -0.0496 0.054 -0.923 0.356 -0.155 0.056

ar.L21 -0.0586 0.076 -0.770 0.441 -0.208 0.091

ar.L22 0.0931 0.059 1.566 0.117 -0.023 0.210

ar.L23 0.1795 0.039 4.651 0.000 0.104 0.255

ar.L24 -0.1259 0.039 -3.211 0.001 -0.203 -0.049

ar.L25 -0.0946 0.032 -2.915 0.004 -0.158 -0.031

ar.L26 0.0589 0.021 2.820 0.005 0.018 0.100

ar.L27 0.0162 0.018 0.883 0.378 -0.020 0.052

ar.L28 0.0814 0.019 4.260 0.000 0.044 0.119

ar.L29 -0.0831 0.026 -3.197 0.001 -0.134 -0.032

ar.L30 -0.0001 0.036 -0.003 0.998 -0.071 0.070

ar.L31 0.0946 0.063 1.498 0.134 -0.029 0.218

ar.L32 0.0386 0.131 0.294 0.769 -0.219 0.296

ar.L33 -0.0228 0.106 -0.215 0.830 -0.231 0.186

ar.L34 -0.1104 0.058 -1.891 0.059 -0.225 0.004

ar.L35 -0.1031 0.046 -2.264 0.024 -0.192 -0.014

ar.L36 -0.0044 0.031 -0.142 0.887 -0.065 0.056

ar.L37 -0.0306 0.021 -1.426 0.154 -0.073 0.011

ar.L38 0.0135 0.018 0.739 0.460 -0.022 0.049

ar.L39 0.1125 0.010 11.355 0.000 0.093 0.132

sigma2 0.0003 4.45e-06 68.036 0.000 0.000 0.000

===============================================================

Ljung-Box (L1) (Q): 5911.55 Jarque-Bera (JB): 38923049.64

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.28 Skew: 5.67

Prob(H) (two-sided): 0.00 Kurtosis: 285.47

1. Sensor Este Medio (A840417D41843964):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 38661.542

Date: Fri, 10 May 2024 AIC -77233.084

Time: 17:19:50 BIC -76901.595

Sample: 06-03-2022 HQIC -77121.742

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 36.4913 0.354 103.066 0.000 35.797 37.185

Water 0.9765 0.005 191.547 0.000 0.966 0.986

Temp -0.6414 0.012 -52.096 0.000 -0.666 -0.617

Precip. horaria -1.533e-05 8.47e-05 -0.181 0.856 -0.000 0.000

Temp. prom aire 0.0002 5.61e-05 3.347 0.001 7.79e-05 0.000

ar.L1 1.1219 0.033 33.688 0.000 1.057 1.187

ar.L2 0.4025 0.091 4.414 0.000 0.224 0.581

ar.L3 -0.1131 0.093 -1.212 0.225 -0.296 0.070

ar.L4 -0.1625 0.070 -2.305 0.021 -0.301 -0.024

ar.L5 -0.1717 0.078 -2.212 0.027 -0.324 -0.020

ar.L6 -0.1646 0.081 -2.037 0.042 -0.323 -0.006

ar.L7 -0.0929 0.096 -0.972 0.331 -0.280 0.094

ar.L8 -0.0836 0.129 -0.648 0.517 -0.336 0.169

ar.L9 0.1790 0.155 1.155 0.248 -0.125 0.483

ar.L10 0.0556 0.157 0.354 0.723 -0.252 0.364

ar.L11 0.0159 0.168 0.094 0.925 -0.314 0.346

ar.L12 0.1280 0.183 0.698 0.485 -0.231 0.487

ar.L13 -0.0010 0.157 -0.006 0.995 -0.309 0.307

ar.L14 0.0412 0.180 0.229 0.819 -0.312 0.394

ar.L15 -0.0497 0.169 -0.295 0.768 -0.380 0.281

ar.L16 -0.1317 0.157 -0.837 0.402 -0.440 0.177

ar.L17 -0.0149 0.137 -0.109 0.913 -0.283 0.253

ar.L18 -0.0683 0.124 -0.549 0.583 -0.312 0.176

ar.L19 -0.0469 0.121 -0.387 0.699 -0.285 0.191

ar.L20 -0.0459 0.129 -0.355 0.723 -0.299 0.207

ar.L21 0.0606 0.136 0.445 0.657 -0.207 0.328

ar.L22 0.2016 0.186 1.085 0.278 -0.162 0.566

ar.L23 0.3082 0.286 1.076 0.282 -0.253 0.870

ar.L24 -0.0118 0.373 -0.032 0.975 -0.743 0.719

ar.L25 -0.4030 0.316 -1.274 0.203 -1.023 0.217

ar.L26 -0.1547 0.305 -0.507 0.612 -0.753 0.444

ar.L27 -0.0125 0.346 -0.036 0.971 -0.690 0.665

ar.L28 0.0400 0.290 0.138 0.890 -0.529 0.609

ar.L29 0.0821 0.161 0.510 0.610 -0.234 0.398

ar.L30 0.0892 0.089 1.008 0.314 -0.084 0.263

ar.L31 0.0870 0.067 1.298 0.194 -0.044 0.218

ar.L32 0.0453 0.056 0.815 0.415 -0.064 0.154

ar.L33 0.0607 0.055 1.093 0.274 -0.048 0.169

ar.L34 -0.0479 0.059 -0.805 0.421 -0.164 0.069

ar.L35 -0.0455 0.076 -0.597 0.550 -0.195 0.104

ar.L36 -0.1319 0.091 -1.455 0.146 -0.309 0.046

ar.L37 -0.0802 0.137 -0.585 0.558 -0.349 0.188

ar.L38 -0.0483 0.126 -0.384 0.701 -0.295 0.198

ar.L39 0.1634 0.041 4.016 0.000 0.084 0.243

sigma2 7.822e-05 1.62e-06 48.235 0.000 7.5e-05 8.14e-05

===============================================================

Ljung-Box (L1) (Q): 10608.52 Jarque-Bera (JB): 3939730.60

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 2.58 Skew: 6.01

Prob(H) (two-sided): 0.00 Kurtosis: 92.13

1. Sensor Oeste Bajo (A8404166C1843962):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood -15.385

Date: Fri, 10 May 2024 AIC 120.770

Time: 17:48:02 BIC 452.259

Sample: 06-03-2022 HQIC 232.112

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 200.7455 3.95e-08 5.08e+09 0.000 200.745 200.745

Water 0.4565 1.27e-09 3.59e+08 0.000 0.457 0.457

Temp -5.1269 9.21e-09 -5.57e+08 0.000 -5.127 -5.127

Precip. horaria 14.4568 7.71e-09 1.88e+09 0.000 14.457 14.457

Temp. prom aire 1.1849 6.34e-10 1.87e+09 0.000 1.185 1.185

ar.L1 -6.4841 4.13e-08 -1.57e+08 0.000 -6.484 -6.484

ar.L2 -23.5249 6.7e-08 -3.51e+08 0.000 -23.525 -23.525

ar.L3 -61.2594 1.37e-07 -4.46e+08 0.000 -61.259 -61.259

ar.L4 -125.0670 2.27e-08 -5.51e+09 0.000 -125.067 -125.067

ar.L5 -207.4889 2.62e-07 -7.92e+08 0.000 -207.489 -207.489

ar.L6 -280.6867 2.7e-07 -1.04e+09 0.000 -280.687 -280.687

ar.L7 -297.4715 2.43e-07 -1.23e+09 0.000 -297.472 -297.472

ar.L8 -205.7326 1.44e-07 -1.43e+09 0.000 -205.733 -205.733

ar.L9 25.6952 2.49e-07 1.03e+08 0.000 25.695 25.695

ar.L10 380.1478 1.87e-07 2.03e+09 0.000 380.148 380.148

ar.L11 780.2149 1.95e-07 4e+09 0.000 780.215 780.215

ar.L12 1100.4399 1.97e-07 5.6e+09 0.000 1100.440 1100.440

ar.L13 1206.2771 1.89e-07 6.39e+09 0.000 1206.277 1206.277

ar.L14 1006.3998 1.85e-07 5.43e+09 0.000 1006.400 1006.400

ar.L15 496.8832 1.86e-07 2.67e+09 0.000 496.883 496.883

ar.L16 -223.1752 1.76e-07 -1.27e+09 0.000 -223.175 -223.175

ar.L17 -974.0618 1.65e-07 -5.89e+09 0.000 -974.062 -974.062

ar.L18 -1549.8252 1.6e-07 -9.68e+09 0.000 -1549.825 -1549.825

ar.L19 -1785.5020 1.55e-07 -1.15e+10 0.000 -1785.502 -1785.502

ar.L20 -1612.5693 1.58e-07 -1.02e+10 0.000 -1612.569 -1612.569

ar.L21 -1082.2079 1.72e-07 -6.3e+09 0.000 -1082.208 -1082.208

ar.L22 -347.7703 1.64e-07 -2.12e+09 0.000 -347.770 -347.770

ar.L23 387.0991 5.31e-08 7.28e+09 0.000 387.099 387.099

ar.L24 935.5241 1.83e-07 5.11e+09 0.000 935.524 935.524

ar.L25 1184.9254 1.97e-07 6.02e+09 0.000 1184.925 1184.925

ar.L26 1124.4390 2.08e-07 5.41e+09 0.000 1124.439 1124.439

ar.L27 834.1854 2.21e-07 3.77e+09 0.000 834.185 834.185

ar.L28 444.0778 2.29e-07 1.94e+09 0.000 444.078 444.078

ar.L29 81.7709 7.45e-08 1.1e+09 0.000 81.771 81.771

ar.L30 -168.3830 6.03e-08 -2.79e+09 0.000 -168.383 -168.383

ar.L31 -281.3771 2.36e-07 -1.19e+09 0.000 -281.377 -281.377

ar.L32 -281.7168 2.47e-07 -1.14e+09 0.000 -281.717 -281.717

ar.L33 -218.2759 1.29e-07 -1.69e+09 0.000 -218.276 -218.276

ar.L34 -138.4556 2.62e-07 -5.28e+08 0.000 -138.456 -138.456

ar.L35 -72.4997 2.6e-07 -2.78e+08 0.000 -72.500 -72.500

ar.L36 -30.7919 1.57e-07 -1.96e+08 0.000 -30.792 -30.792

ar.L37 -10.1301 5.31e-09 -1.91e+09 0.000 -10.130 -10.130

ar.L38 -2.3353 2.07e-09 -1.13e+09 0.000 -2.335 -2.335

ar.L39 -0.2895 4.8e-10 -6.03e+08 0.000 -0.290 -0.290

sigma2 10.6641 1.14e-08 9.38e+08 0.000 10.664 10.664

===============================================================

Ljung-Box (L1) (Q): 0.00 Jarque-Bera (JB): 25590414619.28

Prob(Q): 1.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.00 Skew: -55.66

Prob(H) (two-sided): 0.00 Kurtosis: 7250.77

1. Sensor Oeste Medio (A8404129F1843966):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 48905.924

Date: Fri, 10 May 2024 AIC -97721.848

Time: 18:45:02 BIC -97390.360

Sample: 06-03-2022 HQIC -97610.507

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 3.4249 0.091 37.719 0.000 3.247 3.603

Water 0.5849 0.001 987.628 0.000 0.584 0.586

Temp -0.1201 0.007 -17.843 0.000 -0.133 -0.107

Precip. horaria 2.032e-05 4.76e-05 0.427 0.669 -7.29e-05 0.000

Temp. prom aire 2.304e-05 2.88e-05 0.800 0.423 -3.34e-05 7.95e-05

ar.L1 1.0181 0.012 86.342 0.000 0.995 1.041

ar.L2 0.4111 0.034 12.077 0.000 0.344 0.478

ar.L3 -0.0427 0.047 -0.898 0.369 -0.136 0.050

ar.L4 -0.1572 0.033 -4.811 0.000 -0.221 -0.093

ar.L5 -0.1101 0.028 -3.894 0.000 -0.165 -0.055

ar.L6 -0.0683 0.028 -2.480 0.013 -0.122 -0.014

ar.L7 -0.0362 0.032 -1.116 0.264 -0.100 0.027

ar.L8 -0.1746 0.037 -4.680 0.000 -0.248 -0.102

ar.L9 0.0434 0.053 0.814 0.416 -0.061 0.148

ar.L10 0.0589 0.076 0.776 0.437 -0.090 0.207

ar.L11 -0.0496 0.098 -0.508 0.611 -0.241 0.142

ar.L12 0.0749 0.143 0.523 0.601 -0.206 0.355

ar.L13 -0.0051 0.159 -0.032 0.974 -0.316 0.306

ar.L14 0.0044 0.164 0.027 0.978 -0.317 0.326

ar.L15 0.0704 0.149 0.473 0.637 -0.222 0.362

ar.L16 -0.0370 0.124 -0.298 0.766 -0.280 0.206

ar.L17 0.0566 0.110 0.513 0.608 -0.160 0.273

ar.L18 0.0381 0.080 0.477 0.633 -0.118 0.195

ar.L19 -0.0305 0.057 -0.540 0.589 -0.141 0.080

ar.L20 -0.0318 0.047 -0.672 0.502 -0.125 0.061

ar.L21 -0.0482 0.040 -1.210 0.226 -0.126 0.030

ar.L22 0.0020 0.039 0.051 0.959 -0.075 0.079

ar.L23 0.0643 0.037 1.715 0.086 -0.009 0.138

ar.L24 -0.0831 0.027 -3.119 0.002 -0.135 -0.031

ar.L25 -0.0622 0.033 -1.862 0.063 -0.128 0.003

ar.L26 0.0179 0.053 0.336 0.737 -0.086 0.122

ar.L27 -0.0108 0.083 -0.130 0.896 -0.173 0.151

ar.L28 0.0514 0.145 0.354 0.723 -0.233 0.336

ar.L29 -0.0234 0.170 -0.138 0.890 -0.356 0.309

ar.L30 0.0388 0.146 0.266 0.790 -0.247 0.325

ar.L31 0.0853 0.114 0.747 0.455 -0.138 0.309

ar.L32 0.0539 0.080 0.677 0.498 -0.102 0.210

ar.L33 0.0229 0.067 0.344 0.731 -0.107 0.153

ar.L34 -0.0299 0.066 -0.456 0.648 -0.158 0.099

ar.L35 -0.0600 0.083 -0.723 0.470 -0.223 0.103

ar.L36 -0.0488 0.091 -0.534 0.593 -0.228 0.130

ar.L37 -0.1134 0.098 -1.163 0.245 -0.304 0.078

ar.L38 -0.0602 0.091 -0.665 0.506 -0.238 0.117

ar.L39 0.1701 0.033 5.113 0.000 0.105 0.235

sigma2 1.349e-05 1.8e-07 74.851 0.000 1.31e-05 1.38e-05

===============================================================

Ljung-Box (L1) (Q): 8391.99 Jarque-Bera (JB): 15088818.23

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.86 Skew: 4.65

Prob(H) (two-sided): 0.00 Kurtosis: 178.77

1. Sensor Este Bajo (A840411A1184396F):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 42744.741

Date: Sun, 12 May 2024 AIC -85399.482

Time: 08:42:52 BIC -85067.994

Sample: 06-03-2022 HQIC -85288.140

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 25.6644 0.572 44.878 0.000 24.544 26.785

Water 1.1383 0.004 291.541 0.000 1.131 1.146

Temp -0.1102 0.013 -8.391 0.000 -0.136 -0.084

Precip. horaria -0.0002 0.000 -1.659 0.097 -0.000 3.16e-05

Temp. prom aire -1.713e-05 3.54e-05 -0.484 0.629 -8.65e-05 5.23e-05

ar.L1 0.9315 0.018 52.439 0.000 0.897 0.966

ar.L2 0.6889 0.029 23.383 0.000 0.631 0.747

ar.L3 -0.0982 0.063 -1.560 0.119 -0.222 0.025

ar.L4 -0.2009 0.106 -1.904 0.057 -0.408 0.006

ar.L5 -0.2238 0.080 -2.795 0.005 -0.381 -0.067

ar.L6 -0.1695 0.073 -2.327 0.020 -0.312 -0.027

ar.L7 -0.1395 0.087 -1.611 0.107 -0.309 0.030

ar.L8 -0.0853 0.103 -0.831 0.406 -0.286 0.116

ar.L9 0.1569 0.066 2.380 0.017 0.028 0.286

ar.L10 0.0568 0.062 0.921 0.357 -0.064 0.177

ar.L11 0.0138 0.080 0.173 0.863 -0.143 0.171

ar.L12 0.2316 0.066 3.527 0.000 0.103 0.360

ar.L13 0.0930 0.053 1.766 0.077 -0.010 0.196

ar.L14 0.0153 0.074 0.208 0.835 -0.129 0.160

ar.L15 -0.1295 0.072 -1.788 0.074 -0.271 0.012

ar.L16 -0.2264 0.040 -5.666 0.000 -0.305 -0.148

ar.L17 -0.0445 0.020 -2.222 0.026 -0.084 -0.005

ar.L18 -0.0657 0.018 -3.725 0.000 -0.100 -0.031

ar.L19 -0.0502 0.020 -2.500 0.012 -0.090 -0.011

ar.L20 -0.0108 0.027 -0.403 0.687 -0.063 0.042

ar.L21 0.0414 0.029 1.433 0.152 -0.015 0.098

ar.L22 0.2923 0.034 8.548 0.000 0.225 0.359

ar.L23 0.3939 0.047 8.440 0.000 0.302 0.485

ar.L24 -0.0225 0.031 -0.718 0.473 -0.084 0.039

ar.L25 -0.3702 0.016 -23.099 0.000 -0.402 -0.339

ar.L26 -0.2692 0.014 -19.552 0.000 -0.296 -0.242

ar.L27 -0.0972 0.016 -5.997 0.000 -0.129 -0.065

ar.L28 0.0943 0.029 3.291 0.001 0.038 0.150

ar.L29 0.0434 0.055 0.789 0.430 -0.064 0.151

ar.L30 0.1098 0.072 1.530 0.126 -0.031 0.250

ar.L31 0.0772 0.048 1.618 0.106 -0.016 0.171

ar.L32 0.1373 0.029 4.809 0.000 0.081 0.193

ar.L33 0.0666 0.034 1.980 0.048 0.001 0.132

ar.L34 -0.0092 0.064 -0.145 0.885 -0.134 0.115

ar.L35 -0.0586 0.090 -0.654 0.513 -0.234 0.117

ar.L36 -0.1563 0.063 -2.468 0.014 -0.280 -0.032

ar.L37 -0.2510 0.041 -6.172 0.000 -0.331 -0.171

ar.L38 -0.0188 0.033 -0.566 0.571 -0.084 0.046

ar.L39 0.2532 0.013 20.054 0.000 0.228 0.278

sigma2 4.049e-05 6.48e-07 62.436 0.000 3.92e-05 4.18e-05

===============================================================

Ljung-Box (L1) (Q): 8952.02 Jarque-Bera (JB): 10346241.35

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.76 Skew: -1.34

Prob(H) (two-sided): 0.00 Kurtosis: 148.73

1. Sensor Norte Medio (A84041D7F1843972):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 38477.494

Date: Sun, 12 May 2024 AIC -76864.988

Time: 09:11:35 BIC -76533.500

Sample: 06-03-2022 HQIC -76753.646

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 12.0251 0.244 49.254 0.000 11.547 12.504

Water 1.1930 0.002 596.161 0.000 1.189 1.197

Temp -0.1805 0.013 -13.440 0.000 -0.207 -0.154

Precip. horaria -0.0024 9e-05 -26.411 0.000 -0.003 -0.002

Temp. prom aire 6.977e-05 4.52e-05 1.543 0.123 -1.89e-05 0.000

ar.L1 0.6463 0.012 54.760 0.000 0.623 0.669

ar.L2 0.8720 0.019 45.592 0.000 0.834 0.909

ar.L3 0.2184 0.025 8.711 0.000 0.169 0.268

ar.L4 -0.1933 0.023 -8.252 0.000 -0.239 -0.147

ar.L5 -0.2416 0.022 -10.872 0.000 -0.285 -0.198

ar.L6 -0.2405 0.024 -9.866 0.000 -0.288 -0.193

ar.L7 -0.2333 0.028 -8.210 0.000 -0.289 -0.178

ar.L8 -0.3457 0.033 -10.552 0.000 -0.410 -0.282

ar.L9 0.2123 0.040 5.359 0.000 0.135 0.290

ar.L10 0.2063 0.052 4.004 0.000 0.105 0.307

ar.L11 0.0282 0.051 0.556 0.578 -0.071 0.127

ar.L12 0.1834 0.046 3.988 0.000 0.093 0.274

ar.L13 -0.0563 0.041 -1.376 0.169 -0.137 0.024

ar.L14 0.0135 0.042 0.322 0.748 -0.069 0.096

ar.L15 0.1020 0.038 2.652 0.008 0.027 0.177

ar.L16 -0.1534 0.040 -3.802 0.000 -0.233 -0.074

ar.L17 0.0087 0.041 0.214 0.830 -0.071 0.088

ar.L18 -0.0364 0.039 -0.936 0.349 -0.113 0.040

ar.L19 -0.1266 0.041 -3.109 0.002 -0.206 -0.047

ar.L20 -0.0669 0.042 -1.611 0.107 -0.148 0.014

ar.L21 0.0192 0.041 0.469 0.639 -0.061 0.099

ar.L22 0.2544 0.044 5.797 0.000 0.168 0.340

ar.L23 0.2996 0.044 6.752 0.000 0.213 0.387

ar.L24 -0.1500 0.035 -4.287 0.000 -0.219 -0.081

ar.L25 -0.2346 0.029 -8.059 0.000 -0.292 -0.178

ar.L26 -0.1020 0.030 -3.443 0.001 -0.160 -0.044

ar.L27 -0.0891 0.034 -2.629 0.009 -0.156 -0.023

ar.L28 0.0246 0.042 0.582 0.561 -0.058 0.107

ar.L29 -0.0270 0.070 -0.384 0.701 -0.165 0.111

ar.L30 0.1293 0.089 1.454 0.146 -0.045 0.304

ar.L31 0.2303 0.075 3.069 0.002 0.083 0.377

ar.L32 0.1169 0.071 1.643 0.100 -0.023 0.256

ar.L33 0.0088 0.089 0.099 0.921 -0.166 0.183

ar.L34 -0.1308 0.104 -1.258 0.208 -0.335 0.073

ar.L35 -0.1345 0.092 -1.464 0.143 -0.314 0.046

ar.L36 -0.0867 0.083 -1.041 0.298 -0.250 0.077

ar.L37 -0.0912 0.085 -1.076 0.282 -0.257 0.075

ar.L38 0.0202 0.079 0.254 0.800 -0.136 0.176

ar.L39 0.1454 0.028 5.126 0.000 0.090 0.201

sigma2 6.816e-05 8.56e-07 79.613 0.000 6.65e-05 6.98e-05

===============================================================

Ljung-Box (L1) (Q): 8032.81 Jarque-Bera (JB): 25749984.75

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.53 Skew: 4.73

Prob(H) (two-sided): 0.00 Kurtosis: 232.74

1. Sensor Norte Alto (A84041537184396E):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 31944.301

Date: Sun, 12 May 2024 AIC -63798.602

Time: 09:40:30 BIC -63467.114

Sample: 06-03-2022 HQIC -63687.260

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 58.2465 1.175 49.557 0.000 55.943 60.550

Water 2.8567 0.006 481.488 0.000 2.845 2.868

Temp -1.5666 0.025 -63.109 0.000 -1.615 -1.518

Precip. horaria 0.0015 0.000 9.233 0.000 0.001 0.002

Temp. prom aire 3.377e-05 5.6e-05 0.603 0.547 -7.61e-05 0.000

ar.L1 0.4115 0.023 17.633 0.000 0.366 0.457

ar.L2 1.2787 0.050 25.581 0.000 1.181 1.377

ar.L3 0.4093 0.050 8.233 0.000 0.312 0.507

ar.L4 -0.4051 0.055 -7.428 0.000 -0.512 -0.298

ar.L5 -0.4650 0.048 -9.713 0.000 -0.559 -0.371

ar.L6 -0.3996 0.050 -7.999 0.000 -0.498 -0.302

ar.L7 -0.3344 0.047 -7.187 0.000 -0.426 -0.243

ar.L8 -0.2140 0.062 -3.461 0.001 -0.335 -0.093

ar.L9 0.4592 0.064 7.158 0.000 0.333 0.585

ar.L10 0.2933 0.105 2.787 0.005 0.087 0.500

ar.L11 0.0499 0.107 0.468 0.640 -0.159 0.259

ar.L12 0.1528 0.102 1.502 0.133 -0.047 0.352

ar.L13 -0.2104 0.083 -2.534 0.011 -0.373 -0.048

ar.L14 -0.0131 0.096 -0.137 0.891 -0.201 0.175

ar.L15 0.2207 0.081 2.728 0.006 0.062 0.379

ar.L16 -0.0565 0.061 -0.925 0.355 -0.176 0.063

ar.L17 0.0349 0.044 0.792 0.428 -0.052 0.121

ar.L18 -0.1698 0.030 -5.670 0.000 -0.228 -0.111

ar.L19 -0.3473 0.027 -13.094 0.000 -0.399 -0.295

ar.L20 -0.1989 0.027 -7.324 0.000 -0.252 -0.146

ar.L21 0.0728 0.028 2.630 0.009 0.019 0.127

ar.L22 0.5196 0.030 17.082 0.000 0.460 0.579

ar.L23 0.3523 0.030 11.566 0.000 0.293 0.412

ar.L24 -0.2504 0.031 -8.027 0.000 -0.312 -0.189

ar.L25 -0.1402 0.039 -3.583 0.000 -0.217 -0.064

ar.L26 -0.0083 0.041 -0.206 0.837 -0.088 0.071

ar.L27 -0.0893 0.042 -2.146 0.032 -0.171 -0.008

ar.L28 -0.0486 0.053 -0.922 0.357 -0.152 0.055

ar.L29 -0.1672 0.046 -3.647 0.000 -0.257 -0.077

ar.L30 0.1100 0.052 2.122 0.034 0.008 0.212

ar.L31 0.2667 0.046 5.751 0.000 0.176 0.358

ar.L32 0.1659 0.054 3.089 0.002 0.061 0.271

ar.L33 -0.0657 0.063 -1.035 0.301 -0.190 0.059

ar.L34 -0.1863 0.069 -2.704 0.007 -0.321 -0.051

ar.L35 -0.0522 0.059 -0.893 0.372 -0.167 0.062

ar.L36 0.0118 0.062 0.188 0.851 -0.111 0.134

ar.L37 -0.1161 0.048 -2.399 0.016 -0.211 -0.021

ar.L38 0.0191 0.058 0.327 0.744 -0.096 0.134

ar.L39 0.1098 0.024 4.501 0.000 0.062 0.158

sigma2 0.0002 3.92e-06 60.760 0.000 0.000 0.000

===============================================================

Ljung-Box (L1) (Q): 9673.32 Jarque-Bera (JB): 1667248.27

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.04 Skew: 0.54

Prob(H) (two-sided): 0.27 Kurtosis: 61.50

1. Sensor Norte Bajo (A840417221843961):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 34694.738

Date: Mon, 13 May 2024 AIC -69299.475

Time: 10:35:34 BIC -68967.987

Sample: 06-03-2022 HQIC -69188.134

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 19.0026 0.198 96.116 0.000 18.615 19.390

Water 0.7209 0.004 167.075 0.000 0.712 0.729

Temp -0.5528 0.008 -70.089 0.000 -0.568 -0.537

Precip. horaria 0.0002 0.000 0.766 0.444 -0.000 0.001

Temp. prom aire 6.578e-05 4.69e-05 1.403 0.161 -2.61e-05 0.000

ar.L1 0.5172 0.031 16.469 0.000 0.456 0.579

ar.L2 0.7805 0.068 11.560 0.000 0.648 0.913

ar.L3 0.3119 0.081 3.850 0.000 0.153 0.471

ar.L4 -0.0482 0.079 -0.608 0.543 -0.204 0.107

ar.L5 -0.1504 0.058 -2.601 0.009 -0.264 -0.037

ar.L6 -0.1219 0.072 -1.697 0.090 -0.263 0.019

ar.L7 -0.1393 0.080 -1.744 0.081 -0.296 0.017

ar.L8 -0.4540 0.105 -4.307 0.000 -0.661 -0.247

ar.L9 0.0516 0.077 0.667 0.504 -0.100 0.203

ar.L10 0.1122 0.118 0.954 0.340 -0.118 0.343

ar.L11 -0.0680 0.115 -0.590 0.555 -0.294 0.158

ar.L12 0.1634 0.148 1.106 0.269 -0.126 0.453

ar.L13 -0.0757 0.146 -0.517 0.605 -0.363 0.211

ar.L14 0.0016 0.178 0.009 0.993 -0.347 0.350

ar.L15 0.1644 0.160 1.030 0.303 -0.149 0.477

ar.L16 -0.1160 0.182 -0.636 0.525 -0.474 0.242

ar.L17 0.0964 0.199 0.485 0.628 -0.293 0.486

ar.L18 0.0756 0.191 0.397 0.692 -0.298 0.449

ar.L19 -0.0705 0.167 -0.421 0.674 -0.398 0.257

ar.L20 -0.0444 0.139 -0.320 0.749 -0.317 0.228

ar.L21 -0.0438 0.102 -0.430 0.667 -0.244 0.156

ar.L22 0.1425 0.105 1.361 0.174 -0.063 0.348

ar.L23 0.1914 0.102 1.879 0.060 -0.008 0.391

ar.L24 -0.2318 0.138 -1.677 0.094 -0.503 0.039

ar.L25 -0.1717 0.144 -1.188 0.235 -0.455 0.111

ar.L26 0.0116 0.093 0.125 0.901 -0.171 0.194

ar.L27 -0.0294 0.101 -0.292 0.770 -0.227 0.168

ar.L28 0.0591 0.109 0.544 0.587 -0.154 0.272

ar.L29 -0.0864 0.167 -0.518 0.604 -0.413 0.240

ar.L30 0.0726 0.174 0.416 0.677 -0.269 0.415

ar.L31 0.2210 0.116 1.899 0.058 -0.007 0.449

ar.L32 0.1198 0.092 1.300 0.194 -0.061 0.300

ar.L33 0.0097 0.096 0.100 0.920 -0.179 0.198

ar.L34 -0.1210 0.088 -1.367 0.172 -0.294 0.052

ar.L35 -0.1270 0.098 -1.299 0.194 -0.319 0.065

ar.L36 -0.0529 0.099 -0.532 0.595 -0.248 0.142

ar.L37 -0.1005 0.122 -0.825 0.409 -0.339 0.138

ar.L38 -0.0041 0.141 -0.029 0.977 -0.281 0.273

ar.L39 0.1534 0.057 2.677 0.007 0.041 0.266

sigma2 0.0002 3.08e-06 50.087 0.000 0.000 0.000

===============================================================

Ljung-Box (L1) (Q): 8689.63 Jarque-Bera (JB): 3675220.21

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.97 Skew: 5.07

Prob(H) (two-sided): 0.31 Kurtosis: 89.27

1. Sensor Sur Bajo (A84041FFC1843971):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 48255.383

Date: Mon, 13 May 2024 AIC -96420.765

Time: 11:01:58 BIC -96089.277

Sample: 06-03-2022 HQIC -96309.424

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 12.7564 0.210 60.873 0.000 12.346 13.167

Water 0.2631 0.003 104.333 0.000 0.258 0.268

Temp -0.1724 0.007 -24.267 0.000 -0.186 -0.158

Precip. horaria 9.143e-05 2.06e-05 4.433 0.000 5.1e-05 0.000

Temp. prom aire -5.715e-06 2.3e-05 -0.248 0.804 -5.09e-05 3.94e-05

ar.L1 1.1477 0.026 44.167 0.000 1.097 1.199

ar.L2 0.2593 0.066 3.908 0.000 0.129 0.389

ar.L3 0.0053 0.081 0.065 0.948 -0.154 0.165

ar.L4 -0.1138 0.094 -1.210 0.226 -0.298 0.071

ar.L5 -0.1667 0.097 -1.724 0.085 -0.356 0.023

ar.L6 -0.1876 0.098 -1.919 0.055 -0.379 0.004

ar.L7 -0.1257 0.111 -1.130 0.259 -0.344 0.092

ar.L8 -0.0900 0.109 -0.828 0.408 -0.303 0.123

ar.L9 0.1312 0.112 1.172 0.241 -0.088 0.351

ar.L10 0.0601 0.136 0.442 0.658 -0.206 0.326

ar.L11 0.0655 0.156 0.421 0.674 -0.240 0.371

ar.L12 0.1711 0.134 1.278 0.201 -0.091 0.433

ar.L13 0.0336 0.124 0.271 0.786 -0.209 0.276

ar.L14 0.0478 0.158 0.302 0.763 -0.263 0.358

ar.L15 -0.1242 0.131 -0.945 0.345 -0.382 0.133

ar.L16 -0.1689 0.073 -2.328 0.020 -0.311 -0.027

ar.L17 -0.0455 0.052 -0.881 0.378 -0.147 0.056

ar.L18 -0.0858 0.051 -1.685 0.092 -0.186 0.014

ar.L19 -0.0159 0.061 -0.261 0.794 -0.135 0.104

ar.L20 -0.0289 0.084 -0.346 0.729 -0.193 0.135

ar.L21 0.0982 0.110 0.896 0.370 -0.117 0.313

ar.L22 0.2101 0.164 1.282 0.200 -0.111 0.531

ar.L23 0.3089 0.163 1.901 0.057 -0.010 0.628

ar.L24 0.0518 0.073 0.712 0.477 -0.091 0.194

ar.L25 -0.4580 0.042 -10.918 0.000 -0.540 -0.376

ar.L26 -0.1665 0.057 -2.936 0.003 -0.278 -0.055

ar.L27 -0.0353 0.094 -0.377 0.706 -0.219 0.148

ar.L28 0.0007 0.158 0.005 0.996 -0.310 0.311

ar.L29 0.0994 0.181 0.549 0.583 -0.255 0.454

ar.L30 0.1003 0.125 0.801 0.423 -0.145 0.346

ar.L31 0.1102 0.080 1.371 0.170 -0.047 0.268

ar.L32 0.0709 0.080 0.890 0.374 -0.085 0.227

ar.L33 0.0851 0.100 0.850 0.395 -0.111 0.281

ar.L34 -0.0650 0.126 -0.516 0.606 -0.312 0.182

ar.L35 -0.0595 0.122 -0.486 0.627 -0.299 0.180

ar.L36 -0.1890 0.094 -2.013 0.044 -0.373 -0.005

ar.L37 -0.0789 0.108 -0.730 0.465 -0.291 0.133

ar.L38 -0.0725 0.090 -0.801 0.423 -0.250 0.105

ar.L39 0.2207 0.030 7.416 0.000 0.162 0.279

sigma2 1.504e-05 3.04e-07 49.408 0.000 1.44e-05 1.56e-05

===============================================================

Ljung-Box (L1) (Q): 9906.24 Jarque-Bera (JB): 3433445.63

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 2.72 Skew: 5.92

Prob(H) (two-sided): 0.00 Kurtosis: 86.12

1. Sensor Sur Alto (A840412AA184396C):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 39311.609

Date: Mon, 13 May 2024 AIC -78533.219

Time: 11:41:29 BIC -78201.731

Sample: 06-03-2022 HQIC -78421.877

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const -2.4432 0.045 -54.188 0.000 -2.532 -2.355

Water 7.2245 0.005 1365.972 0.000 7.214 7.235

Temp -1.4275 0.016 -91.464 0.000 -1.458 -1.397

Precip. horaria -0.0016 1.36e-05 -114.458 0.000 -0.002 -0.002

Temp. prom aire -1.948e-05 1.15e-05 -1.700 0.089 -4.19e-05 2.98e-06

ar.L1 0.6824 0.006 106.349 0.000 0.670 0.695

ar.L2 2.6942 0.017 158.440 0.000 2.661 2.728

ar.L3 -1.9938 0.019 -104.422 0.000 -2.031 -1.956

ar.L4 -2.1411 0.013 -168.036 0.000 -2.166 -2.116

ar.L5 2.1096 0.016 133.852 0.000 2.079 2.141

ar.L6 -0.2588 0.004 -73.159 0.000 -0.266 -0.252

ar.L7 -0.2967 0.005 -60.056 0.000 -0.306 -0.287

ar.L8 0.3887 0.010 39.801 0.000 0.370 0.408

ar.L9 -0.8727 0.012 -71.605 0.000 -0.897 -0.849

ar.L10 1.6797 0.012 139.440 0.000 1.656 1.703

ar.L11 -0.3807 0.004 -99.849 0.000 -0.388 -0.373

ar.L12 -2.2198 0.012 -178.199 0.000 -2.244 -2.195

ar.L13 1.3535 0.009 150.206 0.000 1.336 1.371

ar.L14 0.6144 0.006 105.331 0.000 0.603 0.626

ar.L15 0.1384 0.002 55.553 0.000 0.133 0.143

ar.L16 0.9668 0.010 101.726 0.000 0.948 0.985

ar.L17 -2.2623 0.013 -178.451 0.000 -2.287 -2.237

ar.L18 -0.8780 0.005 -167.010 0.000 -0.888 -0.868

ar.L19 2.5334 0.014 175.103 0.000 2.505 2.562

ar.L20 -0.6397 0.011 -60.908 0.000 -0.660 -0.619

ar.L21 -0.8161 0.013 -64.594 0.000 -0.841 -0.791

ar.L22 1.0459 0.010 105.967 0.000 1.027 1.065

ar.L23 -0.6072 0.008 -72.933 0.000 -0.623 -0.591

ar.L24 0.8022 0.004 188.148 0.000 0.794 0.811

ar.L25 -0.2882 0.003 -103.127 0.000 -0.294 -0.283

ar.L26 -2.0310 0.009 -219.792 0.000 -2.049 -2.013

ar.L27 1.9493 0.014 139.514 0.000 1.922 1.977

ar.L28 1.0162 0.010 97.697 0.000 0.996 1.037

ar.L29 -1.1744 0.008 -140.573 0.000 -1.191 -1.158

ar.L30 -0.3521 0.002 -215.408 0.000 -0.355 -0.349

ar.L31 -1.0293 0.009 -118.087 0.000 -1.046 -1.012

ar.L32 1.2629 0.015 83.667 0.000 1.233 1.292

ar.L33 1.2382 0.008 157.166 0.000 1.223 1.254

ar.L34 -1.8425 0.013 -141.877 0.000 -1.868 -1.817

ar.L35 0.1954 0.003 63.440 0.000 0.189 0.201

ar.L36 1.1938 0.006 193.438 0.000 1.182 1.206

ar.L37 -0.7473 0.006 -130.280 0.000 -0.759 -0.736

ar.L38 -0.3075 0.003 -95.493 0.000 -0.314 -0.301

ar.L39 0.2744 0.001 205.403 0.000 0.272 0.277

sigma2 3.732e-05 3.45e-07 108.321 0.000 3.66e-05 3.8e-05

===============================================================

Ljung-Box (L1) (Q): 7675.46 Jarque-Bera (JB): 506962.01

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.92 Skew: 1.14

Prob(H) (two-sided): 0.01 Kurtosis: 35.18

1. Sensor Oeste Alto (A8404191D1843963):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11688

Model: ARIMA(39, 0, 0) Log Likelihood 46472.034

Date: Mon, 13 May 2024 AIC -92854.069

Time: 12:06:42 BIC -92522.584

Sample: 06-03-2022 HQIC -92742.728

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 1.8714 0.276 6.770 0.000 1.330 2.413

Water 1.0663 0.002 524.259 0.000 1.062 1.070

Temp 0.0299 0.013 2.291 0.022 0.004 0.055

Precip. horaria -0.0001 5.49e-05 -1.985 0.047 -0.000 -1.39e-06

Temp. prom aire 0.0002 3.03e-05 6.175 0.000 0.000 0.000

ar.L1 0.9435 0.019 49.953 0.000 0.906 0.981

ar.L2 0.7386 0.038 19.668 0.000 0.665 0.812

ar.L3 -0.1475 0.029 -5.069 0.000 -0.205 -0.090

ar.L4 -0.2911 0.031 -9.454 0.000 -0.351 -0.231

ar.L5 -0.2142 0.019 -11.543 0.000 -0.251 -0.178

ar.L6 -0.1184 0.026 -4.642 0.000 -0.168 -0.068

ar.L7 -0.0908 0.025 -3.602 0.000 -0.140 -0.041

ar.L8 -0.1104 0.029 -3.838 0.000 -0.167 -0.054

ar.L9 0.2037 0.028 7.288 0.000 0.149 0.258

ar.L10 0.0683 0.041 1.667 0.095 -0.012 0.149

ar.L11 -0.0431 0.041 -1.039 0.299 -0.124 0.038

ar.L12 0.1696 0.083 2.037 0.042 0.006 0.333

ar.L13 0.0147 0.086 0.171 0.864 -0.154 0.183

ar.L14 0.0149 0.140 0.107 0.915 -0.259 0.289

ar.L15 -0.0090 0.146 -0.062 0.951 -0.295 0.277

ar.L16 -0.1495 0.096 -1.556 0.120 -0.338 0.039

ar.L17 0.0026 0.060 0.043 0.966 -0.115 0.120

ar.L18 -0.0581 0.037 -1.565 0.118 -0.131 0.015

ar.L19 -0.0929 0.028 -3.328 0.001 -0.148 -0.038

ar.L20 -0.0412 0.031 -1.349 0.177 -0.101 0.019

ar.L21 0.0074 0.029 0.253 0.800 -0.050 0.065

ar.L22 0.2543 0.034 7.388 0.000 0.187 0.322

ar.L23 0.3133 0.049 6.421 0.000 0.218 0.409

ar.L24 -0.0872 0.044 -2.000 0.046 -0.173 -0.002

ar.L25 -0.2663 0.038 -6.973 0.000 -0.341 -0.191

ar.L26 -0.1793 0.032 -5.597 0.000 -0.242 -0.117

ar.L27 -0.0589 0.047 -1.244 0.213 -0.152 0.034

ar.L28 0.1187 0.060 1.964 0.050 0.000 0.237

ar.L29 0.0246 0.043 0.574 0.566 -0.059 0.108

ar.L30 0.0856 0.025 3.491 0.000 0.038 0.134

ar.L31 0.0591 0.020 2.987 0.003 0.020 0.098

ar.L32 0.0725 0.018 4.142 0.000 0.038 0.107

ar.L33 0.0142 0.024 0.595 0.552 -0.032 0.061

ar.L34 -0.0365 0.025 -1.480 0.139 -0.085 0.012

ar.L35 -0.0295 0.038 -0.769 0.442 -0.105 0.046

ar.L36 -0.0549 0.045 -1.209 0.227 -0.144 0.034

ar.L37 -0.1666 0.062 -2.673 0.008 -0.289 -0.044

ar.L38 -0.0169 0.063 -0.269 0.788 -0.140 0.106

ar.L39 0.1565 0.022 7.262 0.000 0.114 0.199

sigma2 1.892e-05 3.13e-07 60.476 0.000 1.83e-05 1.95e-05

===============================================================

Ljung-Box (L1) (Q): 5258.99 Jarque-Bera (JB): 38970426.05

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.86 Skew: 2.01

Prob(H) (two-sided): 0.00 Kurtosis: 285.85

1. Sensor Este Alto (A84041CD4184396B):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 11689

Model: ARIMA(39, 0, 0) Log Likelihood 37693.205

Date: Mon, 13 May 2024 AIC -75296.410

Time: 12:33:56 BIC -74964.922

Sample: 06-03-2022 HQIC -75185.068

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 19.2226 0.637 30.168 0.000 17.974 20.471

Water 1.0516 0.003 352.790 0.000 1.046 1.057

Temp -0.4075 0.022 -18.719 0.000 -0.450 -0.365

Precip. horaria -4.36e-05 8.01e-05 -0.544 0.586 -0.000 0.000

Temp. prom aire 9.321e-05 5.29e-05 1.763 0.078 -1.04e-05 0.000

ar.L1 0.7066 0.017 41.644 0.000 0.673 0.740

ar.L2 0.8850 0.035 25.146 0.000 0.816 0.954

ar.L3 0.1205 0.052 2.332 0.020 0.019 0.222

ar.L4 -0.2715 0.057 -4.781 0.000 -0.383 -0.160

ar.L5 -0.2439 0.054 -4.542 0.000 -0.349 -0.139

ar.L6 -0.1881 0.048 -3.951 0.000 -0.281 -0.095

ar.L7 -0.1865 0.052 -3.578 0.000 -0.289 -0.084

ar.L8 -0.2429 0.058 -4.187 0.000 -0.357 -0.129

ar.L9 0.1853 0.089 2.092 0.036 0.012 0.359

ar.L10 0.1411 0.125 1.128 0.259 -0.104 0.386

ar.L11 0.0110 0.158 0.070 0.945 -0.298 0.320

ar.L12 0.2004 0.168 1.193 0.233 -0.129 0.530

ar.L13 -0.0005 0.233 -0.002 0.998 -0.457 0.456

ar.L14 0.0091 0.258 0.035 0.972 -0.496 0.514

ar.L15 0.0356 0.161 0.221 0.825 -0.280 0.351

ar.L16 -0.1720 0.088 -1.966 0.049 -0.343 -0.000

ar.L17 -0.0183 0.066 -0.278 0.781 -0.147 0.111

ar.L18 -0.0478 0.060 -0.793 0.428 -0.166 0.070

ar.L19 -0.0978 0.069 -1.415 0.157 -0.233 0.038

ar.L20 -0.0126 0.077 -0.163 0.870 -0.163 0.138

ar.L21 0.0509 0.075 0.678 0.498 -0.096 0.198

ar.L22 0.2437 0.082 2.966 0.003 0.083 0.405

ar.L23 0.2416 0.085 2.839 0.005 0.075 0.408

ar.L24 -0.1378 0.053 -2.607 0.009 -0.241 -0.034

ar.L25 -0.1647 0.032 -5.147 0.000 -0.227 -0.102

ar.L26 -0.1039 0.029 -3.530 0.000 -0.162 -0.046

ar.L27 -0.1232 0.033 -3.719 0.000 -0.188 -0.058

ar.L28 0.0148 0.049 0.303 0.762 -0.081 0.110

ar.L29 -0.0635 0.095 -0.667 0.505 -0.250 0.123

ar.L30 0.0849 0.139 0.612 0.540 -0.187 0.357

ar.L31 0.1875 0.098 1.920 0.055 -0.004 0.379

ar.L32 0.1479 0.071 2.089 0.037 0.009 0.287

ar.L33 0.0487 0.089 0.549 0.583 -0.125 0.222

ar.L34 -0.0467 0.172 -0.271 0.786 -0.384 0.291

ar.L35 -0.0658 0.227 -0.290 0.772 -0.511 0.379

ar.L36 -0.0990 0.167 -0.593 0.553 -0.426 0.228

ar.L37 -0.2157 0.116 -1.859 0.063 -0.443 0.012

ar.L38 -0.0254 0.093 -0.274 0.784 -0.207 0.156

ar.L39 0.2128 0.032 6.685 0.000 0.150 0.275

sigma2 9.278e-05 1.51e-06 61.266 0.000 8.98e-05 9.58e-05

===============================================================

Ljung-Box (L1) (Q): 9820.37 Jarque-Bera (JB): 6515074.65

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.93 Skew: 3.70

Prob(H) (two-sided): 0.00 Kurtosis: 118.42

Coeficientes regresiones para series temporales Diarias:

1. Sensor Sur Medio (A8404117D184396A):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 755.629

Date: Mon, 13 May 2024 AIC -1465.258

Time: 12:37:05 BIC -1368.880

Sample: 06-03-2022 HQIC -1427.400

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 16.9638 5.022 3.378 0.001 7.120 26.808

Water 2.1316 0.101 21.180 0.000 1.934 2.329

Temp -0.3915 0.168 -2.332 0.020 -0.721 -0.062

Precip. horaria -0.0003 0.002 -0.169 0.866 -0.004 0.003

Temp. prom aire 3.013e-06 0.000 0.012 0.991 -0.000 0.001

ar.L1 3.3875 0.033 101.203 0.000 3.322 3.453

ar.L2 -3.9025 0.101 -38.797 0.000 -4.100 -3.705

ar.L3 0.2582 0.121 2.129 0.033 0.021 0.496

ar.L4 4.1029 0.108 37.929 0.000 3.891 4.315

ar.L5 -4.9067 0.263 -18.662 0.000 -5.422 -4.391

ar.L6 2.6930 0.342 7.884 0.000 2.024 3.363

ar.L7 -0.8425 0.197 -4.272 0.000 -1.229 -0.456

ar.L8 -0.1725 0.175 -0.988 0.323 -0.515 0.170

ar.L9 2.4477 0.289 8.474 0.000 1.882 3.014

ar.L10 -4.9464 0.222 -22.318 0.000 -5.381 -4.512

ar.L11 4.1398 0.165 25.060 0.000 3.816 4.464

ar.L12 -0.1445 0.159 -0.910 0.363 -0.456 0.167

ar.L13 -2.8609 0.143 -20.005 0.000 -3.141 -2.581

ar.L14 2.7278 0.112 24.426 0.000 2.509 2.947

ar.L15 -1.4237 0.070 -20.271 0.000 -1.561 -1.286

ar.L16 0.6303 0.071 8.878 0.000 0.491 0.769

ar.L17 -0.1887 0.025 -7.504 0.000 -0.238 -0.139

sigma2 0.0024 0.000 19.522 0.000 0.002 0.003

===============================================================

Ljung-Box (L1) (Q): 5.07 Jarque-Bera (JB): 16513.58

Prob(Q): 0.02 Prob(JB): 0.00

Heteroskedasticity (H): 0.33 Skew: 2.53

Prob(H) (two-sided): 0.00 Kurtosis: 31.04

1. Sensor Este Medio (A840417D41843964):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 700.481

Date: Mon, 13 May 2024 AIC -1354.961

Time: 12:39:57 BIC -1258.584

Sample: 06-03-2022 HQIC -1317.104

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 46.8045 3.093 15.134 0.000 40.743 52.866

Water 0.7337 0.114 6.431 0.000 0.510 0.957

Temp -1.1895 0.057 -20.857 0.000 -1.301 -1.078

Precip. horaria -1.834e-05 0.001 -0.019 0.985 -0.002 0.002

Temp. prom aire 0.0002 0.000 1.033 0.302 -0.000 0.000

ar.L1 3.7019 0.035 104.855 0.000 3.633 3.771

ar.L2 -5.8143 0.133 -43.604 0.000 -6.076 -5.553

ar.L3 5.3925 0.234 23.016 0.000 4.933 5.852

ar.L4 -3.8886 0.291 -13.372 0.000 -4.459 -3.319

ar.L5 2.5840 0.318 8.122 0.000 1.960 3.208

ar.L6 -0.3068 0.343 -0.894 0.371 -0.979 0.366

ar.L7 -3.9744 0.371 -10.726 0.000 -4.701 -3.248

ar.L8 7.9178 0.461 17.165 0.000 7.014 8.822

ar.L9 -7.9095 0.527 -15.014 0.000 -8.942 -6.877

ar.L10 4.4659 0.558 8.005 0.000 3.372 5.559

ar.L11 -1.1720 0.597 -1.964 0.050 -2.342 -0.002

ar.L12 -0.5813 0.612 -0.950 0.342 -1.780 0.618

ar.L13 2.2425 0.578 3.878 0.000 1.109 3.376

ar.L14 -4.2464 0.462 -9.200 0.000 -5.151 -3.342

ar.L15 4.5379 0.292 15.536 0.000 3.965 5.110

ar.L16 -2.5261 0.143 -17.634 0.000 -2.807 -2.245

ar.L17 0.5754 0.038 15.267 0.000 0.502 0.649

sigma2 0.0030 0.000 15.559 0.000 0.003 0.003

===============================================================

Ljung-Box (L1) (Q): 4.65 Jarque-Bera (JB): 1682.06

Prob(Q): 0.03 Prob(JB): 0.00

Heteroskedasticity (H): 1.99 Skew: 1.27

Prob(H) (two-sided): 0.00 Kurtosis: 11.73

1. Sensor Oeste Bajo (A8404166C1843962):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 95.090

Date: Mon, 13 May 2024 AIC -144.180

Time: 12:43:39 BIC -47.803

Sample: 06-03-2022 HQIC -106.322

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 216.0377 20.049 10.775 0.000 176.742 255.334

Water 0.9058 0.353 2.569 0.010 0.215 1.597

Temp -5.3160 0.320 -16.638 0.000 -5.942 -4.690

Precip. horaria -0.0019 0.006 -0.313 0.754 -0.014 0.010

Temp. prom aire 0.0006 0.001 0.814 0.416 -0.001 0.002

ar.L1 3.3529 0.028 118.714 0.000 3.298 3.408

ar.L2 -4.4112 0.100 -44.196 0.000 -4.607 -4.216

ar.L3 3.0079 0.163 18.447 0.000 2.688 3.328

ar.L4 -1.3623 0.172 -7.907 0.000 -1.700 -1.025

ar.L5 0.5138 0.158 3.247 0.001 0.204 0.824

ar.L6 0.5151 0.154 3.336 0.001 0.212 0.818

ar.L7 -2.7548 0.182 -15.142 0.000 -3.111 -2.398

ar.L8 4.9785 0.272 18.310 0.000 4.446 5.511

ar.L9 -4.6066 0.262 -17.589 0.000 -5.120 -4.093

ar.L10 2.5951 0.169 15.336 0.000 2.263 2.927

ar.L11 -1.4240 0.161 -8.858 0.000 -1.739 -1.109

ar.L12 0.6150 0.194 3.176 0.001 0.236 0.995

ar.L13 0.9264 0.207 4.480 0.000 0.521 1.332

ar.L14 -2.8404 0.139 -20.506 0.000 -3.112 -2.569

ar.L15 3.6727 0.076 48.267 0.000 3.524 3.822

ar.L16 -2.4135 0.069 -34.985 0.000 -2.549 -2.278

ar.L17 0.6346 0.028 22.568 0.000 0.579 0.690

sigma2 0.0344 0.001 25.417 0.000 0.032 0.037

===============================================================

Ljung-Box (L1) (Q): 1.98 Jarque-Bera (JB): 3834.80

Prob(Q): 0.16 Prob(JB): 0.00

Heteroskedasticity (H): 0.89 Skew: 1.19

Prob(H) (two-sided): 0.45 Kurtosis: 16.53

1. Sensor Oeste Medio (A8404129F1843966):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 1265.331

Date: Mon, 13 May 2024 AIC -2484.662

Time: 12:47:13 BIC -2388.285

Sample: 06-03-2022 HQIC -2446.805

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 5.2326 1.263 4.143 0.000 2.757 7.708

Water 0.7672 0.009 84.538 0.000 0.749 0.785

Temp -0.1817 0.026 -6.945 0.000 -0.233 -0.130

Precip. horaria 8.287e-05 0.000 0.290 0.772 -0.000 0.001

Temp. prom aire 6.17e-05 6.01e-05 1.027 0.304 -5.6e-05 0.000

ar.L1 3.5094 0.051 69.328 0.000 3.410 3.609

ar.L2 -5.7052 0.181 -31.445 0.000 -6.061 -5.350

ar.L3 6.5181 0.291 22.416 0.000 5.948 7.088

ar.L4 -6.0712 0.331 -18.333 0.000 -6.720 -5.422

ar.L5 4.3636 0.403 10.824 0.000 3.573 5.154

ar.L6 -2.1524 0.531 -4.052 0.000 -3.193 -1.111

ar.L7 0.3201 0.684 0.468 0.640 -1.020 1.660

ar.L8 0.0612 0.709 0.086 0.931 -1.328 1.450

ar.L9 1.1822 0.615 1.924 0.054 -0.022 2.387

ar.L10 -2.4494 0.583 -4.203 0.000 -3.592 -1.307

ar.L11 2.9206 0.615 4.751 0.000 1.716 4.125

ar.L12 -2.4786 0.656 -3.781 0.000 -3.763 -1.194

ar.L13 1.1634 0.630 1.846 0.065 -0.072 2.399

ar.L14 0.4194 0.531 0.789 0.430 -0.622 1.461

ar.L15 -1.7483 0.362 -4.835 0.000 -2.457 -1.040

ar.L16 1.7713 0.164 10.812 0.000 1.450 2.092

ar.L17 -0.6250 0.036 -17.280 0.000 -0.696 -0.554

sigma2 0.0003 1.63e-05 17.843 0.000 0.000 0.000

===============================================================

Ljung-Box (L1) (Q): 36.31 Jarque-Bera (JB): 1047.63

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.85 Skew: 0.17

Prob(H) (two-sided): 0.00 Kurtosis: 10.17

1. Sensor Este Bajo (A840411A1184396F):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 818.544

Date: Mon, 13 May 2024 AIC -1591.088

Time: 12:49:59 BIC -1494.711

Sample: 06-03-2022 HQIC -1553.231

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 28.5224 5.493 5.193 0.000 17.756 39.288

Water 1.3400 0.081 16.572 0.000 1.182 1.498

Temp -0.5169 0.064 -8.070 0.000 -0.642 -0.391

Precip. horaria -0.0001 0.001 -0.109 0.914 -0.002 0.002

Temp. prom aire 0.0001 0.000 0.883 0.377 -0.000 0.000

ar.L1 3.2636 0.025 128.025 0.000 3.214 3.314

ar.L2 -4.0412 0.102 -39.507 0.000 -4.242 -3.841

ar.L3 2.5095 0.184 13.635 0.000 2.149 2.870

ar.L4 -1.2178 0.206 -5.919 0.000 -1.621 -0.815

ar.L5 0.9371 0.210 4.472 0.000 0.526 1.348

ar.L6 -0.2604 0.231 -1.126 0.260 -0.714 0.193

ar.L7 -2.4905 0.218 -11.449 0.000 -2.917 -2.064

ar.L8 5.8973 0.269 21.942 0.000 5.370 6.424

ar.L9 -5.8645 0.232 -25.323 0.000 -6.318 -5.411

ar.L10 2.9257 0.185 15.814 0.000 2.563 3.288

ar.L11 -0.8247 0.234 -3.527 0.000 -1.283 -0.366

ar.L12 0.3733 0.175 2.128 0.033 0.030 0.717

ar.L13 0.0371 0.129 0.287 0.774 -0.216 0.290

ar.L14 -1.8066 0.116 -15.562 0.000 -2.034 -1.579

ar.L15 3.3806 0.078 43.267 0.000 3.227 3.534

ar.L16 -2.5000 0.057 -44.062 0.000 -2.611 -2.389

ar.L17 0.6808 0.020 33.592 0.000 0.641 0.721

sigma2 0.0017 6.76e-05 24.520 0.000 0.002 0.002

===============================================================

Ljung-Box (L1) (Q): 24.47 Jarque-Bera (JB): 3744.09

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.87 Skew: 1.48

Prob(H) (two-sided): 0.38 Kurtosis: 16.24

1. Sensor Norte Medio (A84041D7F1843972):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 561.259

Date: Mon, 13 May 2024 AIC -1076.519

Time: 12:53:25 BIC -980.141

Sample: 06-03-2022 HQIC -1038.661

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 20.8092 3.434 6.060 0.000 14.079 27.540

Water 1.0807 0.075 14.422 0.000 0.934 1.228

Temp -0.6682 0.116 -5.783 0.000 -0.895 -0.442

Precip. horaria -0.0009 0.005 -0.195 0.846 -0.010 0.008

Temp. prom aire 7.495e-05 0.000 0.155 0.877 -0.001 0.001

ar.L1 2.7857 0.040 69.189 0.000 2.707 2.865

ar.L2 -2.0959 0.146 -14.396 0.000 -2.381 -1.811

ar.L3 -1.1474 0.213 -5.377 0.000 -1.566 -0.729

ar.L4 2.9650 0.166 17.813 0.000 2.639 3.291

ar.L5 -1.8501 0.134 -13.789 0.000 -2.113 -1.587

ar.L6 -0.3855 0.174 -2.214 0.027 -0.727 -0.044

ar.L7 1.0588 0.096 11.065 0.000 0.871 1.246

ar.L8 -0.3273 0.166 -1.970 0.049 -0.653 -0.002

ar.L9 0.7473 0.175 4.261 0.000 0.404 1.091

ar.L10 -1.6777 0.131 -12.833 0.000 -1.934 -1.421

ar.L11 0.7444 0.137 5.423 0.000 0.475 1.013

ar.L12 1.8850 0.100 18.934 0.000 1.690 2.080

ar.L13 -3.3896 0.067 -50.831 0.000 -3.520 -3.259

ar.L14 1.6644 0.084 19.801 0.000 1.500 1.829

ar.L15 0.8284 0.105 7.908 0.000 0.623 1.034

ar.L16 -1.1169 0.097 -11.478 0.000 -1.308 -0.926

ar.L17 0.3094 0.034 8.980 0.000 0.242 0.377

sigma2 0.0053 0.000 22.029 0.000 0.005 0.006

===============================================================

Ljung-Box (L1) (Q): 0.08 Jarque-Bera (JB): 7265.66

Prob(Q): 0.78 Prob(JB): 0.00

Heteroskedasticity (H): 0.66 Skew: -0.97

Prob(H) (two-sided): 0.01 Kurtosis: 21.80

1. Sensor Norte Alto (A84041537184396E):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 442.591

Date: Mon, 13 May 2024 AIC -839.181

Time: 15:53:31 BIC -742.804

Sample: 06-03-2022 HQIC -801.324

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 65.3715 7.009 9.326 0.000 51.633 79.110

Water 3.0829 0.133 23.098 0.000 2.821 3.345

Temp -1.8873 0.267 -7.069 0.000 -2.411 -1.364

Precip. horaria 0.0006 0.004 0.164 0.870 -0.007 0.008

Temp. prom aire 0.0003 0.000 0.811 0.417 -0.000 0.001

ar.L1 3.5330 0.031 115.440 0.000 3.473 3.593

ar.L2 -5.1452 0.111 -46.290 0.000 -5.363 -4.927

ar.L3 4.3267 0.187 23.126 0.000 3.960 4.693

ar.L4 -2.7673 0.213 -12.962 0.000 -3.186 -2.349

ar.L5 1.6705 0.233 7.178 0.000 1.214 2.127

ar.L6 -0.6117 0.309 -1.978 0.048 -1.218 -0.006

ar.L7 -1.4961 0.384 -3.892 0.000 -2.250 -0.743

ar.L8 3.8173 0.478 7.994 0.000 2.881 4.753

ar.L9 -3.5764 0.476 -7.521 0.000 -4.508 -2.644

ar.L10 1.3076 0.404 3.238 0.001 0.516 2.099

ar.L11 0.3329 0.334 0.998 0.318 -0.321 0.987

ar.L12 -1.2465 0.247 -5.042 0.000 -1.731 -0.762

ar.L13 2.5553 0.205 12.459 0.000 2.153 2.957

ar.L14 -4.2970 0.161 -26.764 0.000 -4.612 -3.982

ar.L15 4.7021 0.095 49.672 0.000 4.517 4.888

ar.L16 -2.7478 0.061 -45.071 0.000 -2.867 -2.628

ar.L17 0.6418 0.022 29.595 0.000 0.599 0.684

sigma2 0.0086 0.000 28.917 0.000 0.008 0.009

===============================================================

Ljung-Box (L1) (Q): 5.34 Jarque-Bera (JB): 6979.64

Prob(Q): 0.02 Prob(JB): 0.00

Heteroskedasticity (H): 1.04 Skew: 1.20

Prob(H) (two-sided): 0.81 Kurtosis: 21.37

1. Sensor Norte Bajo (A840417221843961):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 902.930

Date: Mon, 13 May 2024 AIC -1759.859

Time: 15:57:09 BIC -1663.482

Sample: 06-03-2022 HQIC -1722.002

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 24.4560 56.786 0.431 0.667 -86.843 135.755

Water 1.3801 0.032 42.548 0.000 1.317 1.444

Temp -0.0013 0.092 -0.015 0.988 -0.181 0.178

Precip. horaria -0.0007 0.001 -1.066 0.286 -0.002 0.001

Temp. prom aire 0.0002 0.000 1.545 0.122 -5.34e-05 0.000

ar.L1 3.2599 0.097 33.526 0.000 3.069 3.450

ar.L2 -3.4459 0.389 -8.856 0.000 -4.208 -2.683

ar.L3 -0.5081 0.713 -0.713 0.476 -1.905 0.889

ar.L4 5.2074 0.856 6.084 0.000 3.530 6.885

ar.L5 -5.8334 0.778 -7.498 0.000 -7.358 -4.309

ar.L6 2.4191 0.510 4.741 0.000 1.419 3.419

ar.L7 -0.0088 0.119 -0.074 0.941 -0.243 0.225

ar.L8 -0.3745 0.380 -0.986 0.324 -1.119 0.370

ar.L9 2.4060 0.744 3.232 0.001 0.947 3.865

ar.L10 -5.3503 0.805 -6.648 0.000 -6.928 -3.773

ar.L11 4.9703 0.602 8.255 0.000 3.790 6.150

ar.L12 -0.6685 0.335 -1.995 0.046 -1.325 -0.012

ar.L13 -3.1712 0.180 -17.574 0.000 -3.525 -2.818

ar.L14 3.1285 0.170 18.362 0.000 2.795 3.462

ar.L15 -1.1373 0.168 -6.790 0.000 -1.466 -0.809

ar.L16 0.0764 0.117 0.654 0.513 -0.152 0.305

ar.L17 0.0304 0.035 0.869 0.385 -0.038 0.099

sigma2 0.0013 9.11e-05 13.853 0.000 0.001 0.001

===============================================================

Ljung-Box (L1) (Q): 11.96 Jarque-Bera (JB): 9340.19

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.67 Skew: -1.04

Prob(H) (two-sided): 0.01 Kurtosis: 24.33

1. Sensor Sur Bajo (A84041FFC1843971):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 1131.778

Date: Mon, 13 May 2024 AIC -2217.557

Time: 16:00:54 BIC -2121.180

Sample: 06-03-2022 HQIC -2179.700

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 13.5201 1.511 8.949 0.000 10.559 16.481

Water 0.7086 0.032 22.355 0.000 0.647 0.771

Temp -0.2702 0.046 -5.819 0.000 -0.361 -0.179

Precip. horaria -0.0001 0.000 -0.249 0.803 -0.001 0.001

Temp. prom aire 5.732e-05 7.59e-05 0.756 0.450 -9.14e-05 0.000

ar.L1 3.3781 0.045 75.588 0.000 3.290 3.466

ar.L2 -4.2579 0.181 -23.554 0.000 -4.612 -3.904

ar.L3 2.2959 0.340 6.748 0.000 1.629 2.963

ar.L4 -0.5759 0.399 -1.444 0.149 -1.358 0.206

ar.L5 0.8448 0.391 2.163 0.031 0.079 1.611

ar.L6 -0.5096 0.445 -1.144 0.253 -1.383 0.364

ar.L7 -3.0419 0.542 -5.614 0.000 -4.104 -1.980

ar.L8 6.7808 0.600 11.311 0.000 5.606 7.956

ar.L9 -5.8341 0.446 -13.067 0.000 -6.709 -4.959

ar.L10 2.0761 0.295 7.038 0.000 1.498 2.654

ar.L11 -0.4100 0.392 -1.047 0.295 -1.178 0.358

ar.L12 0.8577 0.493 1.741 0.082 -0.108 1.823

ar.L13 -0.0848 0.526 -0.161 0.872 -1.115 0.946

ar.L14 -2.5127 0.426 -5.893 0.000 -3.348 -1.677

ar.L15 3.5543 0.264 13.461 0.000 3.037 4.072

ar.L16 -1.9153 0.123 -15.575 0.000 -2.156 -1.674

ar.L17 0.3531 0.030 11.611 0.000 0.294 0.413

sigma2 0.0005 2.89e-05 16.181 0.000 0.000 0.001

===============================================================

Ljung-Box (L1) (Q): 32.34 Jarque-Bera (JB): 3013.99

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.86 Skew: 0.69

Prob(H) (two-sided): 0.00 Kurtosis: 15.10

1. Sensor Sur Alto (A840412AA184396C):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 173.462

Date: Tue, 14 May 2024 AIC -300.924

Time: 10:51:50 BIC -204.547

Sample: 06-03-2022 HQIC -263.067

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 5.4113 8.283 0.653 0.514 -10.823 21.646

Water 7.3292 0.189 38.878 0.000 6.960 7.699

Temp -1.5083 0.354 -4.264 0.000 -2.202 -0.815

Precip. horaria -0.0003 0.002 -0.117 0.907 -0.005 0.004

Temp. prom aire -9.935e-06 0.000 -0.028 0.977 -0.001 0.001

ar.L1 3.4678 0.122 28.503 0.000 3.229 3.706

ar.L2 -6.0009 0.522 -11.491 0.000 -7.024 -4.977

ar.L3 7.9071 1.110 7.124 0.000 5.732 10.083

ar.L4 -8.6558 1.676 -5.164 0.000 -11.941 -5.370

ar.L5 7.6560 2.096 3.654 0.000 3.549 11.763

ar.L6 -5.9959 2.260 -2.653 0.008 -10.426 -1.566

ar.L7 4.9722 2.042 2.435 0.015 0.971 8.974

ar.L8 -4.8858 1.508 -3.239 0.001 -7.842 -1.929

ar.L9 4.7844 0.896 5.342 0.000 3.029 6.540

ar.L10 -3.5925 0.384 -9.349 0.000 -4.346 -2.839

ar.L11 1.4760 0.300 4.923 0.000 0.888 2.064

ar.L12 1.1809 0.340 3.475 0.001 0.515 1.847

ar.L13 -3.3834 0.285 -11.879 0.000 -3.942 -2.825

ar.L14 3.7987 0.263 14.468 0.000 3.284 4.313

ar.L15 -2.7968 0.225 -12.438 0.000 -3.237 -2.356

ar.L16 1.4566 0.143 10.213 0.000 1.177 1.736

ar.L17 -0.3904 0.042 -9.189 0.000 -0.474 -0.307

sigma2 0.0151 0.002 9.325 0.000 0.012 0.018

===============================================================

Ljung-Box (L1) (Q): 24.52 Jarque-Bera (JB): 6312.27

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 0.52 Skew: 0.09

Prob(H) (two-sided): 0.00 Kurtosis: 20.62

1. Sensor Oeste Alto (A8404191D1843963):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 441.726

Date: Tue, 14 May 2024 AIC -837.453

Time: 10:54:13 BIC -741.076

Sample: 06-03-2022 HQIC -799.595

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 5.9744 7.552 0.791 0.429 -8.828 20.777

Water 0.3574 0.061 5.891 0.000 0.238 0.476

Temp 0.3064 0.080 3.822 0.000 0.149 0.464

Precip. horaria -0.0007 0.000 -1.878 0.060 -0.001 3.05e-05

Temp. prom aire 0.0001 4.81e-05 2.278 0.023 1.53e-05 0.000

ar.L1 2.9642 0.117 25.389 0.000 2.735 3.193

ar.L2 -4.9294 0.443 -11.134 0.000 -5.797 -4.062

ar.L3 7.7590 0.878 8.837 0.000 6.038 9.480

ar.L4 -10.8740 1.304 -8.338 0.000 -13.430 -8.318

ar.L5 13.3902 1.631 8.208 0.000 10.193 16.588

ar.L6 -15.4300 1.858 -8.302 0.000 -19.073 -11.787

ar.L7 15.7220 2.025 7.763 0.000 11.752 19.692

ar.L8 -14.8447 2.096 -7.083 0.000 -18.952 -10.737

ar.L9 13.5022 1.991 6.781 0.000 9.600 17.405

ar.L10 -10.7100 1.624 -6.594 0.000 -13.893 -7.527

ar.L11 7.4646 1.065 7.011 0.000 5.378 9.551

ar.L12 -4.6548 0.721 -6.460 0.000 -6.067 -3.243

ar.L13 2.2719 0.797 2.852 0.004 0.710 3.833

ar.L14 -0.8127 0.768 -1.059 0.290 -2.317 0.692

ar.L15 -0.1583 0.574 -0.276 0.783 -1.283 0.966

ar.L16 0.7061 0.313 2.258 0.024 0.093 1.319

ar.L17 -0.3670 0.083 -4.409 0.000 -0.530 -0.204

sigma2 0.0040 0.000 9.801 0.000 0.003 0.005

===============================================================

Ljung-Box (L1) (Q): 150.05 Jarque-Bera (JB): 834.27

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 5.17 Skew: 0.65

Prob(H) (two-sided): 0.00 Kurtosis: 9.27

1. Sensor Este Alto (A84041CD4184396B):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 488

Model: ARIMA(17, 0, 0) Log Likelihood 588.246

Date: Tue, 14 May 2024 AIC -1130.492

Time: 10:56:53 BIC -1034.115

Sample: 06-03-2022 HQIC -1092.634

- 10-03-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 24.8819 3.606 6.901 0.000 17.815 31.949

Water 1.2234 0.120 10.209 0.000 0.989 1.458

Temp -0.7938 0.122 -6.490 0.000 -1.034 -0.554

Precip. horaria 0.0005 0.001 0.721 0.471 -0.001 0.002

Temp. prom aire -0.0001 9.52e-05 -1.197 0.231 -0.000 7.26e-05

ar.L1 4.3361 0.050 86.722 0.000 4.238 4.434

ar.L2 -9.1646 0.227 -40.436 0.000 -9.609 -8.720

ar.L3 13.2036 0.487 27.089 0.000 12.248 14.159

ar.L4 -14.7423 0.705 -20.905 0.000 -16.124 -13.360

ar.L5 12.7136 0.854 14.883 0.000 11.039 14.388

ar.L6 -7.3985 0.980 -7.552 0.000 -9.319 -5.478

ar.L7 1.2900 1.015 1.271 0.204 -0.699 3.279

ar.L8 2.5267 0.846 2.986 0.003 0.868 4.185

ar.L9 -2.9678 0.500 -5.935 0.000 -3.948 -1.988

ar.L10 1.4578 0.177 8.255 0.000 1.112 1.804

ar.L11 0.0061 0.181 0.033 0.973 -0.349 0.361

ar.L12 -0.5200 0.210 -2.480 0.013 -0.931 -0.109

ar.L13 -0.0118 0.154 -0.077 0.939 -0.313 0.289

ar.L14 1.1905 0.124 9.628 0.000 0.948 1.433

ar.L15 -1.8121 0.128 -14.152 0.000 -2.063 -1.561

ar.L16 1.2035 0.086 14.001 0.000 1.035 1.372

ar.L17 -0.3119 0.025 -12.523 0.000 -0.361 -0.263

sigma2 0.0027 0.000 12.679 0.000 0.002 0.003

===============================================================

Ljung-Box (L1) (Q): 3.54 Jarque-Bera (JB): 2480.99

Prob(Q): 0.06 Prob(JB): 0.00

Heteroskedasticity (H): 2.33 Skew: 1.55

Prob(H) (two-sided): 0.00 Kurtosis: 13.60

Coeficientes regresiones para series temporales Semanales:

1. Sensor Sur Medio (A8404117D184396A):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 10:59:05 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 477.4090 1.67e-20 2.85e+22 0.000 477.409 477.409

Water -24.7942 2.94e-19 -8.44e+19 0.000 -24.794 -24.794

Temp 1.243e-14 3.22e-19 3.86e+04 0.000 1.24e-14 1.24e-14

Precip. horaria 9.948e-14 7.14e-22 1.39e+08 0.000 9.95e-14 9.95e-14

Temp. prom aire -3.508e-14 2.42e-19 -1.45e+05 0.000 -3.51e-14 -3.51e-14

ar.L1 -0 5.57e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L2 -0 5.55e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L3 -0 5.57e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L4 -0 5.58e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L5 -0 5.56e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L6 -0 5.55e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L7 -0 5.54e-32 -0 1.000 -1.09e-31 1.09e-31

ar.L8 -0 5.53e-32 -0 1.000 -1.08e-31 1.08e-31

ar.L9 0 5.55e-32 0 1.000 -1.09e-31 1.09e-31

ar.L10 0 5.52e-32 0 1.000 -1.08e-31 1.08e-31

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 54.37 Jarque-Bera (JB): 54.37

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 1.79 Skew: -1.91

Prob(H) (two-sided): 0.16 Kurtosis: 4.93

1. Sensor Este Medio (A840417D41843964):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:01:31 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const -9.0602 6.2e-26 -1.46e+26 0.000 -9.060 -9.060

Water 2.4765 2.1e-25 1.18e+25 0.000 2.476 2.476

Temp 5.551e-16 1.46e-22 3.8e+06 0.000 5.55e-16 5.55e-16

Precip. horaria -5.329e-15 2.46e-24 -2.16e+09 0.000 -5.33e-15 -5.33e-15

Temp. prom aire -1.388e-16 4.53e-23 -3.07e+06 0.000 -1.39e-16 -1.39e-16

ar.L1 -0.1194 1.41e-38 -8.47e+36 0.000 -0.119 -0.119

ar.L2 0.0482 4.59e-38 1.05e+36 0.000 0.048 0.048

ar.L3 0.1028 3.44e-38 2.99e+36 0.000 0.103 0.103

ar.L4 0.2448 6.28e-38 3.9e+36 0.000 0.245 0.245

ar.L5 0.0476 5.32e-38 8.95e+35 0.000 0.048 0.048

ar.L6 0.1150 6.61e-38 1.74e+36 0.000 0.115 0.115

ar.L7 -0.0321 4e-38 -8.04e+35 0.000 -0.032 -0.032

ar.L8 -0.0233 3.75e-38 -6.21e+35 0.000 -0.023 -0.023

ar.L9 0.4287 6.37e-38 6.73e+36 0.000 0.429 0.429

ar.L10 0.0713 4.5e-38 1.58e+36 0.000 0.071 0.071

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 0.11 Jarque-Bera (JB): 6.46

Prob(Q): 0.74 Prob(JB): 0.04

Heteroskedasticity (H): 1.09 Skew: 0.53

Prob(H) (two-sided): 0.84 Kurtosis: 4.03

1. Sensor Oeste Bajo (A8404166C1843962):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:03:44 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 181.0279 1.43e-23 1.27e+25 0.000 181.028 181.028

Water -5.0158 2.88e-22 -1.74e+22 0.000 -5.016 -5.016

Temp 1.998e-15 3.56e-22 5.61e+06 0.000 2e-15 2e-15

Precip. horaria 1.421e-14 1.41e-24 1.01e+10 0.000 1.42e-14 1.42e-14

Temp. prom aire -2.442e-15 2.36e-22 -1.04e+07 0.000 -2.44e-15 -2.44e-15

ar.L1 0.4746 3.28e-37 1.45e+36 0.000 0.475 0.475

ar.L2 -0.0764 1e-36 -7.61e+34 0.000 -0.076 -0.076

ar.L3 -0.1902 2.43e-37 -7.82e+35 0.000 -0.190 -0.190

ar.L4 0.0580 3.61e-38 1.61e+36 0.000 0.058 0.058

ar.L5 0.2311 6.34e-37 3.64e+35 0.000 0.231 0.231

ar.L6 -0.1837 8.01e-37 -2.29e+35 0.000 -0.184 -0.184

ar.L7 0.0586 2.62e-37 2.24e+35 0.000 0.059 0.059

ar.L8 0.2213 2.97e-37 7.46e+35 0.000 0.221 0.221

ar.L9 -0.1116 6.74e-37 -1.66e+35 0.000 -0.112 -0.112

ar.L10 -0.0904 4.08e-37 -2.22e+35 0.000 -0.090 -0.090

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 0.05 Jarque-Bera (JB): 18.67

Prob(Q): 0.83 Prob(JB): 0.00

Heteroskedasticity (H): 1.61 Skew: -0.89

Prob(H) (two-sided): 0.25 Kurtosis: 4.77

1. Sensor Oeste Medio (A8404129F1843966):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.993

Date: Tue, 14 May 2024 AIC -1103.986

Time: 11:06:05 BIC -1067.783

Sample: 06-05-2022 HQIC -1089.589

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 0.9353 0.005 173.007 0.000 0.925 0.946

Water 0.4513 0.000 989.356 0.000 0.450 0.452

Temp -3.089e-07 3.52e-06 -0.088 0.930 -7.21e-06 6.59e-06

Precip. horaria -9.744e-09 0.000 -7.84e-05 1.000 -0.000 0.000

Temp. prom aire 2.17e-07 5.86e-06 0.037 0.970 -1.13e-05 1.17e-05

ar.L1 -0.1944 5.83e-07 -3.34e+05 0.000 -0.194 -0.194

ar.L2 0.0935 5.88e-07 1.59e+05 0.000 0.094 0.094

ar.L3 0.2099 5.37e-07 3.91e+05 0.000 0.210 0.210

ar.L4 0.4254 6.08e-07 7e+05 0.000 0.425 0.425

ar.L5 -0.0876 5.16e-07 -1.7e+05 0.000 -0.088 -0.088

ar.L6 0.0369 4.98e-07 7.4e+04 0.000 0.037 0.037

ar.L7 0.2163 4.23e-07 5.11e+05 0.000 0.216 0.216

ar.L8 -0.0445 3.17e-07 -1.4e+05 0.000 -0.045 -0.045

ar.L9 0.2914 4.7e-07 6.21e+05 0.000 0.291 0.291

ar.L10 -0.0036 3.24e-07 -1.11e+04 0.000 -0.004 -0.004

sigma2 9.831e-11 3.28e-10 0.300 0.764 -5.44e-10 7.41e-10

===============================================================

Ljung-Box (L1) (Q): 60.15 Jarque-Bera (JB): 0.03

Prob(Q): 0.00 Prob(JB): 0.98

Heteroskedasticity (H): 1.06 Skew: 0.05

Prob(H) (two-sided): 0.88 Kurtosis: 3.03

1. Sensor Este Bajo (A840411A1184396F):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:08:30 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 0.0939 2.55e-22 3.68e+20 0.000 0.094 0.094

Water 1.8700 3.54e-21 5.28e+20 0.000 1.870 1.870

Temp 4.996e-16 5.61e-21 8.9e+04 0.000 5e-16 5e-16

Precip. horaria 1.599e-14 1.09e-23 1.47e+09 0.000 1.6e-14 1.6e-14

Temp. prom aire 1.044e-15 3.8e-21 2.75e+05 0.000 1.04e-15 1.04e-15

ar.L1 -0 1.29e-35 -0 1.000 -2.53e-35 2.53e-35

ar.L2 -0 1.3e-35 -0 1.000 -2.56e-35 2.56e-35

ar.L3 -0 1.29e-35 -0 1.000 -2.52e-35 2.52e-35

ar.L4 -0 1.3e-35 -0 1.000 -2.55e-35 2.55e-35

ar.L5 -0 1.27e-35 -0 1.000 -2.5e-35 2.5e-35

ar.L6 -0 1.28e-35 -0 1.000 -2.51e-35 2.51e-35

ar.L7 -0 1.25e-35 -0 1.000 -2.46e-35 2.46e-35

ar.L8 -0 1.23e-35 -0 1.000 -2.41e-35 2.41e-35

ar.L9 -0 1.3e-35 -0 1.000 -2.56e-35 2.56e-35

ar.L10 -0 1.21e-35 -0 1.000 -2.37e-35 2.37e-35

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 16.15 Jarque-Bera (JB): 5.62

Prob(Q): 0.00 Prob(JB): 0.06

Heteroskedasticity (H): 2.17 Skew: 0.56

Prob(H) (two-sided): 0.06 Kurtosis: 2.21

1. Sensor Norte Medio (A84041D7F1843972):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 568.007

Date: Tue, 14 May 2024 AIC -1104.014

Time: 11:10:54 BIC -1067.811

Sample: 06-05-2022 HQIC -1089.617

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 7.3656 6.4e-07 1.15e+07 0.000 7.366 7.366

Water 0.8911 1.44e-05 6.19e+04 0.000 0.891 0.891

Temp -4.95e-07 2.38e-06 -0.208 0.835 -5.15e-06 4.16e-06

Precip. horaria -1.993e-08 6.54e-05 -0.000 1.000 -0.000 0.000

Temp. prom aire 2.446e-07 4.81e-06 0.051 0.959 -9.19e-06 9.68e-06

ar.L1 0.0521 3.34e-10 1.56e+08 0.000 0.052 0.052

ar.L2 0.2585 3.14e-10 8.23e+08 0.000 0.259 0.259

ar.L3 0.3302 2.89e-10 1.14e+09 0.000 0.330 0.330

ar.L4 -0.0181 2.44e-10 -7.43e+07 0.000 -0.018 -0.018

ar.L5 0.0922 2.5e-10 3.69e+08 0.000 0.092 0.092

ar.L6 0.1130 2.42e-10 4.67e+08 0.000 0.113 0.113

ar.L7 -0.0332 2.46e-10 -1.35e+08 0.000 -0.033 -0.033

ar.L8 -0.1041 2.42e-10 -4.29e+08 0.000 -0.104 -0.104

ar.L9 0.0852 2.42e-10 3.51e+08 0.000 0.085 0.085

ar.L10 0.2016 2.43e-10 8.29e+08 0.000 0.202 0.202

sigma2 9.665e-11 3.25e-10 0.297 0.766 -5.4e-10 7.34e-10

===============================================================

Ljung-Box (L1) (Q): 58.29 Jarque-Bera (JB): 0.61

Prob(Q): 0.00 Prob(JB): 0.74

Heteroskedasticity (H): 1.37 Skew: -0.21

Prob(H) (two-sided): 0.45 Kurtosis: 3.16

1. Sensor Norte Alto (A84041537184396E):

SARIMAX Results

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Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:13:21 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const -62.4709 4.45e-22 -1.4e+23 0.000 -62.471 -62.471

Water 7.0094 8.99e-21 7.8e+20 0.000 7.009 7.009

Temp 5.107e-15 8.46e-21 6.04e+05 0.000 5.11e-15 5.11e-15

Precip. horaria 6.395e-14 2.58e-23 2.48e+09 0.000 6.39e-14 6.39e-14

Temp. prom aire -8.549e-15 6.28e-21 -1.36e+06 0.000 -8.55e-15 -8.55e-15

ar.L1 -0 3.4e-35 -0 1.000 -6.66e-35 6.66e-35

ar.L2 -0 4.03e-35 -0 1.000 -7.9e-35 7.9e-35

ar.L3 -0 3.25e-35 -0 1.000 -6.37e-35 6.37e-35

ar.L4 -0 3.74e-35 -0 1.000 -7.33e-35 7.33e-35

ar.L5 -0 4.17e-35 -0 1.000 -8.18e-35 8.18e-35

ar.L6 -0 3.67e-35 -0 1.000 -7.2e-35 7.2e-35

ar.L7 -0 3.57e-35 -0 1.000 -6.99e-35 6.99e-35

ar.L8 -0 2.98e-35 -0 1.000 -5.84e-35 5.84e-35

ar.L9 -0 3.69e-35 -0 1.000 -7.22e-35 7.22e-35

ar.L10 0 2.97e-35 0 1.000 -5.82e-35 5.82e-35

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 0.00 Jarque-Bera (JB): 6.18

Prob(Q): 0.94 Prob(JB): 0.05

Heteroskedasticity (H): 1.72 Skew: 0.71

Prob(H) (two-sided): 0.19 Kurtosis: 3.26

1. Sensor Norte Bajo (A840417221843961):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:15:48 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 11.0177 9.77e-26 1.13e+26 0.000 11.018 11.018

Water 0.1011 1.13e-24 8.91e+22 0.000 0.101 0.101

Temp 3.608e-16 4.94e-23 7.31e+06 0.000 3.61e-16 3.61e-16

Precip. horaria 1.776e-15 7.84e-25 2.27e+09 0.000 1.78e-15 1.78e-15

Temp. prom aire -5.863e-16 1.44e-23 -4.07e+07 0.000 -5.86e-16 -5.86e-16

ar.L1 -0.2794 2.61e-39 -1.07e+38 0.000 -0.279 -0.279

ar.L2 -0.0601 2.28e-40 -2.63e+38 0.000 -0.060 -0.060

ar.L3 0.1215 4.83e-39 2.51e+37 0.000 0.121 0.121

ar.L4 0.3963 4.47e-39 8.87e+37 0.000 0.396 0.396

ar.L5 0.1259 5.46e-39 2.3e+37 0.000 0.126 0.126

ar.L6 0.0634 1.44e-39 4.41e+37 0.000 0.063 0.063

ar.L7 0.1386 2.87e-39 4.83e+37 0.000 0.139 0.139

ar.L8 0.0413 5.46e-39 7.58e+36 0.000 0.041 0.041

ar.L9 0.1219 7.1e-40 1.72e+38 0.000 0.122 0.122

ar.L10 0.2343 1.47e-39 1.59e+38 0.000 0.234 0.234

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 0.06 Jarque-Bera (JB): 3.04

Prob(Q): 0.81 Prob(JB): 0.22

Heteroskedasticity (H): 2.76 Skew: -0.42

Prob(H) (two-sided): 0.02 Kurtosis: 3.57

1. Sensor Sur Bajo (A84041FFC1843971):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:18:28 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 4.5900 -0 -inf 0.000 4.590 4.590

Water 0.5909 1.37e-24 4.32e+23 0.000 0.591 0.591

Temp -1.388e-16 6.29e-23 -2.21e+06 0.000 -1.39e-16 -1.39e-16

Precip. horaria 7.105e-15 4.31e-27 1.65e+12 0.000 7.11e-15 7.11e-15

Temp. prom aire -2.776e-16 2.72e-23 -1.02e+07 0.000 -2.78e-16 -2.78e-16

ar.L1 -0.0765 1.82e-39 -4.21e+37 0.000 -0.076 -0.076

ar.L2 0.1120 1.09e-39 1.03e+38 0.000 0.112 0.112

ar.L3 0.0973 6.69e-39 1.45e+37 0.000 0.097 0.097

ar.L4 0.2974 3.38e-39 8.8e+37 0.000 0.297 0.297

ar.L5 -0.1613 2.38e-39 -6.78e+37 0.000 -0.161 -0.161

ar.L6 0.0568 1.9e-39 3e+37 0.000 0.057 0.057

ar.L7 0.2226 3.17e-39 7.03e+37 0.000 0.223 0.223

ar.L8 -0.0398 9.96e-39 -4e+36 0.000 -0.040 -0.040

ar.L9 0.3449 1.2e-39 2.87e+38 0.000 0.345 0.345

ar.L10 0.0979 2.19e-39 4.47e+37 0.000 0.098 0.098

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 0.07 Jarque-Bera (JB): 0.95

Prob(Q): 0.79 Prob(JB): 0.62

Heteroskedasticity (H): 1.09 Skew: 0.24

Prob(H) (two-sided): 0.84 Kurtosis: 2.69

1. Sensor Sur Alto (A840412AA184396C):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:20:55 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

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coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 461.3307 3.63e-21 1.27e+23 0.000 461.331 461.331

Water -15.7285 7.8e-20 -2.02e+20 0.000 -15.729 -15.729

Temp 1.377e-14 6.14e-20 2.24e+05 0.000 1.38e-14 1.38e-14

Precip. horaria 4.349e-12 3.72e-22 1.17e+10 0.000 4.35e-12 4.35e-12

Temp. prom aire 2.212e-14 5.26e-20 4.2e+05 0.000 2.21e-14 2.21e-14

ar.L1 -0 2.81e-33 -0 1.000 -5.5e-33 5.5e-33

ar.L2 -0 2.53e-33 -0 1.000 -4.97e-33 4.97e-33

ar.L3 -0 2.67e-33 -0 1.000 -5.23e-33 5.23e-33

ar.L4 -0 2.75e-33 -0 1.000 -5.38e-33 5.38e-33

ar.L5 -0 2.66e-33 -0 1.000 -5.2e-33 5.2e-33

ar.L6 -0 2.48e-33 -0 1.000 -4.86e-33 4.86e-33

ar.L7 -0 2.42e-33 -0 1.000 -4.75e-33 4.75e-33

ar.L8 -0 2.82e-33 -0 1.000 -5.52e-33 5.52e-33

ar.L9 -0 2.51e-33 -0 1.000 -4.92e-33 4.92e-33

ar.L10 -0 2.1e-33 -0 1.000 -4.11e-33 4.11e-33

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 8.69 Jarque-Bera (JB): 54.77

Prob(Q): 0.00 Prob(JB): 0.00

Heteroskedasticity (H): 5.38 Skew: -1.51

Prob(H) (two-sided): 0.00 Kurtosis: 6.06

1. Sensor Oeste Alto (A8404191D1843963):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 567.966

Date: Tue, 14 May 2024 AIC -1103.933

Time: 11:23:07 BIC -1067.730

Sample: 06-05-2022 HQIC -1089.536

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const 20.0260 8.27e-23 2.42e+23 0.000 20.026 20.026

Water -0.6539 9.48e-22 -6.9e+20 0.000 -0.654 -0.654

Temp 1.221e-15 1.62e-21 7.55e+05 0.000 1.22e-15 1.22e-15

Precip. horaria 6.306e-14 7.16e-24 8.81e+09 0.000 6.31e-14 6.31e-14

Temp. prom aire -2.456e-15 1.14e-21 -2.16e+06 0.000 -2.46e-15 -2.46e-15

ar.L1 -0 1.46e-36 -0 1.000 -2.86e-36 2.86e-36

ar.L2 -0 1.4e-36 -0 1.000 -2.74e-36 2.74e-36

ar.L3 -0 1.4e-36 -0 1.000 -2.74e-36 2.74e-36

ar.L4 -0 1.49e-36 -0 1.000 -2.93e-36 2.93e-36

ar.L5 -0 1.39e-36 -0 1.000 -2.72e-36 2.72e-36

ar.L6 -0 1.32e-36 -0 1.000 -2.58e-36 2.58e-36

ar.L7 -0 1.32e-36 -0 1.000 -2.58e-36 2.58e-36

ar.L8 -0 1.37e-36 -0 1.000 -2.69e-36 2.69e-36

ar.L9 -0 1.37e-36 -0 1.000 -2.68e-36 2.68e-36

ar.L10 -0 1.26e-36 -0 1.000 -2.47e-36 2.47e-36

sigma2 1e-10 2.54e-10 0.394 0.694 -3.97e-10 5.97e-10

===============================================================

Ljung-Box (L1) (Q): 10.92 Jarque-Bera (JB): 8.19

Prob(Q): 0.00 Prob(JB): 0.02

Heteroskedasticity (H): 5.26 Skew: -0.69

Prob(H) (two-sided): 0.00 Kurtosis: 3.92

1. Sensor Este Alto (A84041CD4184396B):

SARIMAX Results

===============================================================

Dep. Variable: Conduct No. Observations: 71

Model: ARIMA(10, 0, 0) Log Likelihood 568.069

Date: Tue, 14 May 2024 AIC -1104.138

Time: 11:25:21 BIC -1067.935

Sample: 06-05-2022 HQIC -1089.741

- 10-08-2023

Covariance Type: opg

===============================================================

coef std err z P>|z| [0.025 0.975]

-----------------------------------------------------------------------------------------

const -6.7823 0.003 -2188.092 0.000 -6.788 -6.776

Water 2.0002 0.000 8244.892 0.000 2.000 2.001

Temp -7.063e-07 2.58e-06 -0.274 0.784 -5.76e-06 4.34e-06

Precip. horaria -1.517e-08 7.06e-05 -0.000 1.000 -0.000 0.000

Temp. prom aire -2.2e-09 3.77e-06 -0.001 1.000 -7.38e-06 7.38e-06

ar.L1 0.1578 3.53e-07 4.47e+05 0.000 0.158 0.158

ar.L2 0.1389 1.39e-07 1e+06 0.000 0.139 0.139

ar.L3 0.1566 4.41e-08 3.55e+06 0.000 0.157 0.157

ar.L4 0.2417 7.57e-08 3.19e+06 0.000 0.242 0.242

ar.L5 0.1169 2.11e-07 5.54e+05 0.000 0.117 0.117

ar.L6 0.2717 1.11e-07 2.44e+06 0.000 0.272 0.272

ar.L7 -0.0831 2.61e-07 -3.18e+05 0.000 -0.083 -0.083

ar.L8 -0.0290 5.14e-07 -5.65e+04 0.000 -0.029 -0.029

ar.L9 0.1905 2.36e-07 8.08e+05 0.000 0.190 0.190

ar.L10 -0.2202 5.52e-07 -3.99e+05 0.000 -0.220 -0.220

sigma2 9.353e-11 3.16e-10 0.296 0.768 -5.27e-10 7.14e-10

===============================================================

Ljung-Box (L1) (Q): 49.04 Jarque-Bera (JB): 1.20

Prob(Q): 0.00 Prob(JB): 0.55

Heteroskedasticity (H): 0.64 Skew: 0.06

Prob(H) (two-sided): 0.27 Kurtosis: 3.63