Supplements MCMC Diagnostic Tables

All diagnostics presented here are for default priors.

# Presende model

| parameters | mean | std | mcse | ess\_bulk | ess\_tail | rhat | ess\_per\_sec |
| --- | --- | --- | --- | --- | --- | --- | --- |
| α\_sxr[1] | -2.419 | 0.606 | 0.004 | 28194.996 | 15561.994 | 1.001 | 4.681 |
| α\_sxr[2] | -2.251 | 0.617 | 0.004 | 32484.918 | 12855.123 | 1.001 | 5.393 |
| α\_sxr[3] | 0.655 | 0.451 | 0.003 | 21408.386 | 15235.572 | 1.000 | 3.554 |
| α\_sxr[4] | -0.808 | 0.473 | 0.003 | 25685.506 | 15215.254 | 1.000 | 4.265 |
| α\_sxr[5] | -1.136 | 0.495 | 0.004 | 14290.442 | 14118.928 | 1.000 | 2.373 |
| α\_sxr[6] | -2.682 | 0.602 | 0.004 | 28536.074 | 14604.814 | 1.000 | 4.738 |
| α\_sxr[7] | -1.126 | 0.456 | 0.003 | 26632.603 | 14900.968 | 1.000 | 4.422 |
| α\_sxr[8] | -1.071 | 0.455 | 0.003 | 27089.129 | 14997.149 | 1.000 | 4.498 |
| α\_sxr[9] | 0.217 | 0.428 | 0.003 | 24954.937 | 15782.872 | 1.000 | 4.143 |
| α\_sxr[10] | -2.471 | 0.606 | 0.004 | 27798.755 | 12691.484 | 1.001 | 4.615 |
| α\_sxr[11] | -1.519 | 0.521 | 0.003 | 26051.038 | 15822.167 | 1.001 | 4.325 |
| α\_sxr[12] | -2.405 | 0.612 | 0.004 | 29351.864 | 13548.159 | 1.001 | 4.873 |
| α\_sxr[13] | -1.285 | 0.500 | 0.003 | 25655.599 | 14914.413 | 1.001 | 4.260 |
| α\_sxr[14] | -0.593 | 0.434 | 0.003 | 25289.611 | 15243.912 | 1.000 | 4.199 |
| α\_sxr[15] | -2.790 | 0.584 | 0.003 | 28819.455 | 15145.562 | 1.000 | 4.785 |
| α\_sxr[16] | -0.188 | 0.442 | 0.003 | 22209.418 | 15111.929 | 1.000 | 3.687 |
| α\_sxr[17] | -1.508 | 0.479 | 0.003 | 26390.744 | 14711.427 | 1.000 | 4.382 |
| α\_sxr[18] | -2.402 | 0.613 | 0.004 | 26812.702 | 14768.838 | 1.000 | 4.452 |
| α\_sxr[19] | -2.650 | 0.599 | 0.004 | 25167.127 | 15726.820 | 1.000 | 4.179 |
| α\_sxr[20] | -2.651 | 0.599 | 0.004 | 27877.304 | 13635.537 | 1.000 | 4.628 |
| α\_sxr[21] | -2.398 | 0.600 | 0.004 | 26055.542 | 14347.928 | 1.000 | 4.326 |
| α\_sxr[22] | -2.256 | 0.619 | 0.004 | 27971.048 | 14960.808 | 1.000 | 4.644 |
| α\_sxr[23] | -2.611 | 0.600 | 0.004 | 26159.893 | 14036.245 | 1.000 | 4.343 |
| α\_sxr[24] | -2.204 | 0.624 | 0.004 | 21898.142 | 14828.094 | 1.000 | 3.636 |
| α\_sxr[25] | -2.183 | 0.639 | 0.005 | 19056.095 | 13548.810 | 1.000 | 3.164 |
| α\_sxr[26] | -1.371 | 0.485 | 0.003 | 22710.002 | 15900.046 | 1.000 | 3.771 |
| α\_sxr[27] | -2.728 | 0.593 | 0.004 | 24455.712 | 14414.368 | 1.000 | 4.060 |
| α\_sxr[28] | -1.239 | 0.496 | 0.003 | 27386.061 | 15205.762 | 1.000 | 4.547 |
| α\_sxr[29] | 0.257 | 0.429 | 0.003 | 23285.243 | 15454.130 | 1.000 | 3.866 |
| α\_sxr[30] | -2.434 | 0.611 | 0.004 | 28043.572 | 14188.999 | 1.000 | 4.656 |
| α\_sxr[31] | -2.035 | 0.574 | 0.004 | 23468.585 | 12851.789 | 1.000 | 3.897 |
| α\_sxr[32] | -1.803 | 0.498 | 0.003 | 27488.080 | 15796.313 | 1.000 | 4.564 |
| α\_sxr[33] | -2.337 | 0.613 | 0.004 | 27900.556 | 14754.999 | 1.001 | 4.632 |
| α\_sxr[34] | -1.040 | 0.463 | 0.004 | 17052.648 | 14084.062 | 1.000 | 2.831 |
| α\_sxr[35] | -0.314 | 0.422 | 0.003 | 25801.921 | 15106.958 | 1.000 | 4.284 |
| α\_sxr[36] | -0.907 | 0.458 | 0.003 | 24217.789 | 16167.336 | 1.000 | 4.021 |
| α\_sxr[37] | 0.258 | 0.429 | 0.003 | 19773.799 | 15319.854 | 1.000 | 3.283 |
| α\_sxr[38] | -1.895 | 0.654 | 0.004 | 28918.908 | 13837.617 | 1.000 | 4.801 |
| α\_sxr[39] | 1.532 | 0.507 | 0.003 | 29211.267 | 13606.097 | 1.000 | 4.850 |
| α\_sxr[40] | 1.595 | 0.500 | 0.003 | 25242.622 | 13705.514 | 1.000 | 4.191 |
| α\_sxr[41] | -1.835 | 0.654 | 0.004 | 29271.827 | 14706.934 | 1.000 | 4.860 |
| α\_sxr[42] | -0.317 | 0.539 | 0.003 | 24529.620 | 14624.287 | 1.001 | 4.073 |
| α\_sxr[43] | -1.908 | 0.684 | 0.004 | 28746.335 | 15111.963 | 1.000 | 4.773 |
| α\_sxr[44] | 0.473 | 0.475 | 0.003 | 21811.896 | 14404.279 | 1.000 | 3.621 |
| α\_sxr[45] | 0.043 | 0.501 | 0.003 | 28175.278 | 14555.596 | 1.000 | 4.678 |
| α\_sxr[46] | 0.753 | 0.462 | 0.003 | 24609.697 | 14804.009 | 1.000 | 4.086 |
| α\_sxr[47] | -1.939 | 0.656 | 0.004 | 25198.429 | 13760.799 | 1.000 | 4.184 |
| α\_sxr[48] | -1.946 | 0.647 | 0.004 | 26499.505 | 12854.859 | 1.000 | 4.400 |
| α\_sxr[49] | -1.849 | 0.656 | 0.004 | 30319.457 | 14462.776 | 1.000 | 5.034 |
| α\_sxr[50] | -1.224 | 0.577 | 0.003 | 30996.105 | 14645.040 | 1.000 | 5.146 |
| α\_sxr[51] | -0.501 | 0.536 | 0.003 | 23877.148 | 14488.563 | 1.000 | 3.964 |
| α\_sxr[52] | -1.995 | 0.663 | 0.004 | 27329.708 | 14306.077 | 1.000 | 4.538 |
| α\_sxr[53] | 0.036 | 0.501 | 0.003 | 21863.017 | 14345.030 | 1.000 | 3.630 |
| α\_sxr[54] | -1.241 | 0.586 | 0.004 | 26399.661 | 15349.224 | 1.001 | 4.383 |
| α\_sxr[55] | -1.810 | 0.650 | 0.004 | 25557.688 | 14449.954 | 1.000 | 4.243 |
| α\_sxr[56] | -1.901 | 0.697 | 0.005 | 23740.405 | 15357.891 | 1.000 | 3.942 |
| α\_sxr[57] | -1.890 | 0.681 | 0.004 | 24508.997 | 14872.968 | 1.000 | 4.069 |
| α\_sxr[58] | -1.844 | 0.659 | 0.004 | 29586.216 | 13068.111 | 1.000 | 4.912 |
| α\_sxr[59] | -1.466 | 0.618 | 0.004 | 30383.658 | 14558.085 | 1.000 | 5.045 |
| α\_sxr[60] | -1.868 | 0.690 | 0.004 | 25380.717 | 14881.068 | 1.000 | 4.214 |
| α\_sxr[61] | -2.161 | 0.641 | 0.004 | 24260.873 | 15132.291 | 1.000 | 4.028 |
| α\_sxr[62] | -2.197 | 0.649 | 0.004 | 22363.393 | 14714.476 | 1.000 | 3.713 |
| α\_sxr[63] | -1.854 | 0.651 | 0.004 | 27330.854 | 14601.554 | 1.000 | 4.538 |
| α\_sxr[64] | -1.954 | 0.686 | 0.004 | 26918.628 | 14227.628 | 1.000 | 4.469 |
| α\_sxr[65] | -1.262 | 0.568 | 0.004 | 25208.199 | 13717.155 | 1.000 | 4.185 |
| α\_sxr[66] | 0.852 | 0.474 | 0.003 | 28920.330 | 14744.141 | 1.000 | 4.802 |
| α\_sxr[67] | -0.796 | 0.541 | 0.003 | 29310.814 | 16003.708 | 1.000 | 4.866 |
| α\_sxr[68] | -2.118 | 0.637 | 0.004 | 25149.572 | 15242.692 | 1.000 | 4.176 |
| α\_sxr[69] | -0.939 | 0.577 | 0.004 | 26861.001 | 15417.099 | 1.000 | 4.460 |
| α\_sxr[70] | -1.849 | 0.652 | 0.004 | 30437.623 | 14486.678 | 1.000 | 5.054 |
| α\_sxr[71] | 0.510 | 0.488 | 0.003 | 21459.289 | 14533.113 | 1.000 | 3.563 |
| α\_sxr[72] | 0.800 | 0.474 | 0.003 | 23997.689 | 14451.975 | 1.000 | 3.984 |
| α\_sxr[73] | -2.178 | 0.642 | 0.004 | 25987.070 | 14967.648 | 1.000 | 4.315 |
| α\_sxr[74] | 0.174 | 0.485 | 0.003 | 22096.548 | 16068.637 | 1.000 | 3.669 |
| α\_sxr[75] | -2.582 | 0.465 | 0.003 | 27321.116 | 13906.441 | 1.000 | 4.536 |
| α\_sxr[76] | 2.425 | 0.430 | 0.003 | 30019.077 | 13060.869 | 1.001 | 4.984 |
| α\_sxr[77] | 2.753 | 0.464 | 0.003 | 25488.295 | 13020.605 | 1.000 | 4.232 |
| α\_sxr[78] | -2.982 | 0.539 | 0.003 | 30896.925 | 14535.228 | 1.000 | 5.130 |
| α\_sxr[79] | -1.659 | 0.381 | 0.003 | 20734.622 | 14066.720 | 1.000 | 3.443 |
| α\_sxr[80] | -2.806 | 0.503 | 0.003 | 28427.569 | 14549.266 | 1.000 | 4.720 |
| α\_sxr[81] | -1.297 | 0.340 | 0.002 | 28240.121 | 14083.852 | 1.000 | 4.689 |
| α\_sxr[82] | 0.514 | 0.286 | 0.002 | 27295.493 | 16044.546 | 1.000 | 4.532 |
| α\_sxr[83] | 2.276 | 0.414 | 0.002 | 28570.571 | 13412.827 | 1.000 | 4.744 |
| α\_sxr[84] | -3.002 | 0.545 | 0.003 | 30412.677 | 13132.847 | 1.001 | 5.049 |
| α\_sxr[85] | -2.961 | 0.535 | 0.003 | 31497.019 | 14968.354 | 1.001 | 5.229 |
| α\_sxr[86] | -2.725 | 0.496 | 0.003 | 27976.763 | 14777.545 | 1.000 | 4.645 |
| α\_sxr[87] | -2.981 | 0.546 | 0.003 | 35050.230 | 13725.974 | 1.001 | 5.819 |
| α\_sxr[88] | -0.275 | 0.308 | 0.002 | 27750.300 | 14440.958 | 1.000 | 4.607 |
| α\_sxr[89] | -2.070 | 0.403 | 0.002 | 29506.060 | 14650.408 | 1.000 | 4.899 |
| α\_sxr[90] | -0.996 | 0.313 | 0.002 | 28129.814 | 14830.471 | 1.001 | 4.670 |
| α\_sxr[91] | -1.420 | 0.358 | 0.002 | 28799.340 | 14160.762 | 1.000 | 4.782 |
| α\_sxr[92] | -2.965 | 0.542 | 0.003 | 30487.153 | 13370.046 | 1.000 | 5.062 |
| α\_sxr[93] | -2.798 | 0.506 | 0.003 | 27792.236 | 14688.126 | 1.000 | 4.614 |
| α\_sxr[94] | -2.804 | 0.505 | 0.003 | 27625.734 | 12783.444 | 1.000 | 4.587 |
| α\_sxr[95] | -2.968 | 0.542 | 0.003 | 29064.180 | 13682.689 | 1.000 | 4.826 |
| α\_sxr[96] | -2.923 | 0.542 | 0.003 | 34068.360 | 14536.779 | 1.000 | 5.656 |
| α\_sxr[97] | -3.034 | 0.536 | 0.003 | 29769.300 | 15175.209 | 1.000 | 4.943 |
| α\_sxr[98] | -2.937 | 0.547 | 0.003 | 29179.039 | 13918.053 | 1.000 | 4.845 |
| α\_sxr[99] | -2.951 | 0.541 | 0.003 | 28555.330 | 14187.913 | 1.000 | 4.741 |
| α\_sxr[100] | -2.998 | 0.537 | 0.003 | 27866.973 | 13559.538 | 1.000 | 4.627 |
| α\_sxr[101] | -2.594 | 0.471 | 0.003 | 27639.951 | 13593.409 | 1.000 | 4.589 |
| α\_sxr[102] | -2.972 | 0.538 | 0.003 | 31964.796 | 13371.245 | 1.001 | 5.307 |
| α\_sxr[103] | 0.810 | 0.302 | 0.002 | 28279.519 | 15110.145 | 1.000 | 4.695 |
| α\_sxr[104] | -2.983 | 0.535 | 0.003 | 30906.107 | 13499.911 | 1.000 | 5.131 |
| α\_sxr[105] | -2.973 | 0.538 | 0.003 | 30423.779 | 14417.820 | 1.000 | 5.051 |
| α\_sxr[106] | -2.024 | 0.421 | 0.002 | 35055.746 | 15303.643 | 1.000 | 5.820 |
| α\_sxr[107] | -2.960 | 0.538 | 0.003 | 29599.374 | 13612.228 | 1.000 | 4.914 |
| α\_sxr[108] | 0.080 | 0.285 | 0.002 | 23703.944 | 14815.155 | 1.000 | 3.936 |
| α\_sxr[109] | 0.397 | 0.293 | 0.002 | 28870.278 | 14256.029 | 1.000 | 4.793 |
| α\_sxr[110] | -2.969 | 0.542 | 0.003 | 30753.810 | 13962.701 | 1.000 | 5.106 |
| α\_sxr[111] | 1.311 | 0.336 | 0.002 | 24655.921 | 15316.641 | 1.000 | 4.094 |
| α\_sxr[112] | -1.725 | 0.283 | 0.002 | 17301.156 | 14155.465 | 1.000 | 2.873 |
| α\_sxr[113] | 1.344 | 0.297 | 0.002 | 21673.012 | 15282.473 | 1.000 | 3.598 |
| α\_sxr[114] | 2.199 | 0.403 | 0.003 | 21752.007 | 14583.973 | 1.000 | 3.612 |
| α\_sxr[115] | -3.860 | 0.497 | 0.003 | 25486.061 | 13649.122 | 1.000 | 4.231 |
| α\_sxr[116] | -2.466 | 0.345 | 0.003 | 18681.456 | 16606.924 | 1.001 | 3.102 |
| α\_sxr[117] | -2.913 | 0.373 | 0.003 | 21488.136 | 15777.777 | 1.000 | 3.568 |
| α\_sxr[118] | -1.115 | 0.255 | 0.002 | 20286.344 | 15971.840 | 1.000 | 3.368 |
| α\_sxr[119] | -0.628 | 0.247 | 0.002 | 20016.910 | 15279.970 | 1.000 | 3.323 |
| α\_sxr[120] | 1.848 | 0.355 | 0.002 | 24884.084 | 15051.148 | 1.000 | 4.132 |
| α\_sxr[121] | -3.166 | 0.397 | 0.003 | 22079.954 | 15430.928 | 1.000 | 3.666 |
| α\_sxr[122] | -3.872 | 0.491 | 0.003 | 28899.822 | 13999.188 | 1.000 | 4.798 |
| α\_sxr[123] | -3.396 | 0.427 | 0.003 | 20959.383 | 14725.087 | 1.000 | 3.480 |
| α\_sxr[124] | -3.864 | 0.496 | 0.003 | 27180.470 | 13722.808 | 1.000 | 4.513 |
| α\_sxr[125] | -0.752 | 0.269 | 0.002 | 17362.976 | 13969.302 | 1.000 | 2.883 |
| α\_sxr[126] | -1.789 | 0.294 | 0.002 | 18569.299 | 14108.982 | 1.000 | 3.083 |
| α\_sxr[127] | -2.045 | 0.302 | 0.002 | 20931.995 | 15167.912 | 1.000 | 3.475 |
| α\_sxr[128] | -0.577 | 0.257 | 0.002 | 19072.540 | 15767.927 | 1.000 | 3.167 |
| α\_sxr[129] | -3.522 | 0.438 | 0.003 | 28718.061 | 14835.215 | 1.000 | 4.768 |
| α\_sxr[130] | -3.121 | 0.391 | 0.003 | 24912.635 | 14569.270 | 1.000 | 4.136 |
| α\_sxr[131] | -3.119 | 0.395 | 0.003 | 23271.696 | 15395.209 | 1.000 | 3.864 |
| α\_sxr[132] | -3.191 | 0.403 | 0.003 | 25530.705 | 14316.329 | 1.000 | 4.239 |
| α\_sxr[133] | -3.561 | 0.447 | 0.003 | 26138.861 | 14799.509 | 1.000 | 4.340 |
| α\_sxr[134] | -3.070 | 0.386 | 0.002 | 24444.162 | 14303.261 | 1.000 | 4.058 |
| α\_sxr[135] | -2.636 | 0.449 | 0.004 | 10465.419 | 10915.687 | 1.001 | 1.738 |
| α\_sxr[136] | -2.599 | 0.456 | 0.005 | 9635.381 | 10239.600 | 1.000 | 1.600 |
| α\_sxr[137] | -3.254 | 0.411 | 0.003 | 22226.876 | 14486.845 | 1.000 | 3.690 |
| α\_sxr[138] | -2.541 | 0.339 | 0.002 | 21255.530 | 15007.885 | 1.000 | 3.529 |
| α\_sxr[139] | -3.865 | 0.495 | 0.003 | 26114.784 | 14008.939 | 1.000 | 4.336 |
| α\_sxr[140] | -2.558 | 0.343 | 0.002 | 24472.058 | 13649.799 | 1.000 | 4.063 |
| α\_sxr[141] | -3.926 | 0.497 | 0.003 | 25209.109 | 13523.812 | 1.000 | 4.185 |
| α\_sxr[142] | -3.618 | 0.528 | 0.004 | 23044.263 | 14582.876 | 1.000 | 3.826 |
| α\_sxr[143] | -1.152 | 0.268 | 0.002 | 20267.492 | 16138.671 | 1.000 | 3.365 |
| α\_sxr[144] | -3.651 | 0.467 | 0.003 | 26538.080 | 14692.403 | 1.000 | 4.406 |
| α\_sxr[145] | -0.143 | 0.286 | 0.003 | 12420.336 | 12615.705 | 1.000 | 2.062 |
| α\_sxr[146] | 0.569 | 0.278 | 0.002 | 17310.941 | 15546.497 | 1.000 | 2.874 |
| α\_sxr[147] | -3.555 | 0.529 | 0.003 | 24743.012 | 14231.799 | 1.000 | 4.108 |
| α\_sxr[148] | -1.647 | 0.326 | 0.003 | 15862.858 | 15204.802 | 1.000 | 2.634 |
| μ\_pxn[1;1] | 0.085 | 0.090 | 0.001 | 10908.515 | 11103.897 | 1.000 | 1.811 |
| μ\_pxn[2;1] | 0.098 | 0.035 | 0.000 | 11016.567 | 13933.093 | 1.000 | 1.829 |
| μ\_pxn[3;1] | 0.102 | 0.059 | 0.001 | 13795.631 | 12938.381 | 1.000 | 2.290 |
| μ\_pxn[1;2] | 0.071 | 0.094 | 0.001 | 11053.060 | 10868.821 | 1.000 | 1.835 |
| μ\_pxn[2;2] | 0.215 | 0.043 | 0.000 | 10847.503 | 13256.348 | 1.000 | 1.801 |
| μ\_pxn[3;2] | 0.268 | 0.086 | 0.001 | 11564.726 | 14858.315 | 1.000 | 1.920 |
| μ\_pxn[1;3] | -0.049 | 0.080 | 0.001 | 18730.988 | 14222.138 | 1.001 | 3.110 |
| μ\_pxn[2;3] | 0.111 | 0.050 | 0.000 | 12320.512 | 13767.131 | 1.000 | 2.046 |
| μ\_pxn[3;3] | 0.100 | 0.069 | 0.000 | 19428.744 | 14762.214 | 1.000 | 3.226 |
| μ\_pxn[1;4] | -0.044 | 0.116 | 0.001 | 12506.670 | 11988.927 | 1.000 | 2.076 |
| μ\_pxn[2;4] | -0.268 | 0.071 | 0.001 | 9099.671 | 11929.526 | 1.000 | 1.511 |
| μ\_pxn[3;4] | -0.336 | 0.119 | 0.001 | 14441.801 | 12693.376 | 1.000 | 2.398 |
| μ\_pxn[1;5] | 0.122 | 0.114 | 0.001 | 17982.538 | 12031.231 | 1.000 | 2.986 |
| μ\_pxn[2;5] | -0.214 | 0.050 | 0.000 | 20919.759 | 15311.969 | 1.001 | 3.473 |
| μ\_pxn[3;5] | -0.246 | 0.097 | 0.001 | 21378.622 | 15229.645 | 1.000 | 3.550 |
| μ\_pxn[1;6] | 0.041 | 0.125 | 0.001 | 16453.779 | 11510.541 | 1.001 | 2.732 |
| μ\_pxn[2;6] | 0.105 | 0.077 | 0.001 | 13810.958 | 14011.902 | 1.000 | 2.293 |
| μ\_pxn[3;6] | 0.016 | 0.107 | 0.001 | 21445.524 | 16416.782 | 1.000 | 3.561 |
| τ\_pxn[1;1] | 0.157 | 0.084 | 0.001 | 6243.091 | 9075.336 | 1.001 | 1.037 |
| τ\_pxn[2;1] | 0.121 | 0.031 | 0.000 | 8024.496 | 9821.570 | 1.000 | 1.332 |
| τ\_pxn[3;1] | 0.060 | 0.044 | 0.000 | 13642.703 | 13306.028 | 1.000 | 2.265 |
| τ\_pxn[1;2] | 0.074 | 0.072 | 0.001 | 7275.718 | 7986.506 | 1.000 | 1.208 |
| τ\_pxn[2;2] | 0.051 | 0.033 | 0.000 | 8340.022 | 8680.350 | 1.001 | 1.385 |
| τ\_pxn[3;2] | 0.044 | 0.029 | 0.000 | 25062.544 | 14657.969 | 1.000 | 4.161 |
| τ\_pxn[1;3] | 0.080 | 0.064 | 0.001 | 13299.970 | 16626.819 | 1.000 | 2.208 |
| τ\_pxn[2;3] | 0.173 | 0.045 | 0.000 | 8980.042 | 9949.507 | 1.000 | 1.491 |
| τ\_pxn[3;3] | 0.046 | 0.032 | 0.000 | 21680.213 | 13919.837 | 1.000 | 3.600 |
| τ\_pxn[1;4] | 0.152 | 0.111 | 0.001 | 5674.381 | 13668.236 | 1.001 | 0.942 |
| τ\_pxn[2;4] | 0.281 | 0.061 | 0.001 | 8719.339 | 12927.156 | 1.000 | 1.448 |
| τ\_pxn[3;4] | 0.171 | 0.124 | 0.002 | 5732.455 | 14629.066 | 1.001 | 0.952 |
| τ\_pxn[1;5] | 0.105 | 0.094 | 0.001 | 10988.857 | 14220.935 | 1.000 | 1.824 |
| τ\_pxn[2;5] | 0.058 | 0.043 | 0.000 | 13220.041 | 12731.723 | 1.000 | 2.195 |
| τ\_pxn[3;5] | 0.048 | 0.037 | 0.000 | 21376.949 | 13049.048 | 1.000 | 3.549 |
| τ\_pxn[1;6] | 0.097 | 0.105 | 0.001 | 9664.688 | 10445.967 | 1.001 | 1.605 |
| τ\_pxn[2;6] | 0.236 | 0.092 | 0.002 | 3685.272 | 3349.091 | 1.001 | 0.612 |
| τ\_pxn[3;6] | 0.049 | 0.039 | 0.000 | 22910.075 | 12236.642 | 1.000 | 3.804 |
| z\_pxb[1;1] | 0.521 | 0.764 | 0.005 | 23877.336 | 14832.551 | 1.000 | 3.964 |
| z\_pxb[2;1] | 0.368 | 0.918 | 0.006 | 24871.407 | 15906.338 | 1.000 | 4.129 |
| z\_pxb[3;1] | 0.533 | 0.909 | 0.006 | 21179.409 | 14382.419 | 1.000 | 3.516 |
| z\_pxb[4;1] | -0.643 | 0.955 | 0.006 | 26584.949 | 14227.644 | 1.001 | 4.414 |
| z\_pxb[5;1] | 0.460 | 0.712 | 0.005 | 22313.492 | 15687.050 | 1.000 | 3.705 |
| z\_pxb[6;1] | -0.628 | 0.945 | 0.006 | 26657.275 | 15378.907 | 1.000 | 4.426 |
| z\_pxb[1;2] | 0.013 | 0.970 | 0.006 | 30392.389 | 14492.398 | 1.000 | 5.046 |
| z\_pxb[2;2] | 0.003 | 0.964 | 0.006 | 28772.484 | 14867.947 | 1.000 | 4.777 |
| z\_pxb[3;2] | 0.029 | 0.963 | 0.006 | 25215.065 | 15189.435 | 1.000 | 4.186 |
| z\_pxb[4;2] | 0.160 | 0.987 | 0.006 | 28621.795 | 14645.949 | 1.000 | 4.752 |
| z\_pxb[5;2] | 0.328 | 0.978 | 0.006 | 26128.829 | 14880.931 | 1.001 | 4.338 |
| z\_pxb[6;2] | 0.150 | 0.970 | 0.006 | 28785.834 | 15294.836 | 1.000 | 4.779 |
| z\_pxb[1;3] | -0.003 | 0.775 | 0.005 | 25556.573 | 15053.942 | 1.000 | 4.243 |
| z\_pxb[2;3] | 0.002 | 0.960 | 0.005 | 33333.687 | 13900.465 | 1.000 | 5.534 |
| z\_pxb[3;3] | 0.226 | 0.967 | 0.006 | 30812.495 | 14569.834 | 1.000 | 5.116 |
| z\_pxb[4;3] | 0.203 | 0.978 | 0.006 | 30106.332 | 13684.077 | 1.000 | 4.999 |
| z\_pxb[5;3] | 0.260 | 0.721 | 0.004 | 26648.107 | 15271.572 | 1.000 | 4.424 |
| z\_pxb[6;3] | 0.221 | 0.968 | 0.005 | 33845.384 | 14535.088 | 1.000 | 5.619 |
| z\_pxb[1;4] | -0.602 | 0.649 | 0.004 | 21339.073 | 15400.710 | 1.000 | 3.543 |
| z\_pxb[2;4] | -0.117 | 0.843 | 0.006 | 23364.869 | 14962.324 | 1.000 | 3.879 |
| z\_pxb[3;4] | -1.580 | 0.954 | 0.009 | 11975.457 | 12699.741 | 1.000 | 1.988 |
| z\_pxb[4;4] | 0.419 | 0.862 | 0.006 | 22111.223 | 13487.025 | 1.000 | 3.671 |
| z\_pxb[5;4] | -1.111 | 0.622 | 0.004 | 20568.039 | 16128.831 | 1.000 | 3.415 |
| z\_pxb[6;4] | 0.327 | 0.853 | 0.006 | 24142.047 | 15370.839 | 1.000 | 4.008 |
| z\_pxb[1;5] | 0.314 | 0.992 | 0.006 | 28053.944 | 14863.888 | 1.000 | 4.658 |
| z\_pxb[2;5] | 0.277 | 1.012 | 0.006 | 32043.629 | 14442.987 | 1.000 | 5.320 |
| z\_pxb[3;5] | 0.156 | 0.981 | 0.006 | 28835.297 | 15321.332 | 1.000 | 4.788 |
| z\_pxb[4;5] | -0.014 | 0.984 | 0.006 | 30869.672 | 15129.213 | 1.000 | 5.125 |
| z\_pxb[5;5] | 0.173 | 0.970 | 0.005 | 32980.679 | 14063.873 | 1.000 | 5.476 |
| z\_pxb[6;5] | -0.047 | 0.968 | 0.005 | 33374.280 | 14340.820 | 1.000 | 5.541 |
| z\_pxb[1;6] | 0.913 | 0.842 | 0.006 | 19061.842 | 11978.944 | 1.000 | 3.165 |
| z\_pxb[2;6] | 0.297 | 1.008 | 0.006 | 27760.296 | 15080.957 | 1.000 | 4.609 |
| z\_pxb[3;6] | 0.079 | 0.977 | 0.006 | 28740.161 | 15034.058 | 1.000 | 4.772 |
| z\_pxb[4;6] | 0.006 | 0.978 | 0.005 | 32026.761 | 14750.988 | 1.000 | 5.317 |
| z\_pxb[5;6] | 0.769 | 0.793 | 0.005 | 22517.992 | 11895.351 | 1.001 | 3.739 |
| z\_pxb[6;6] | -0.018 | 0.969 | 0.006 | 29474.108 | 14400.331 | 1.000 | 4.894 |
| z\_pxg[1;1] | -1.299 | 0.672 | 0.005 | 21977.910 | 15058.478 | 1.000 | 3.649 |
| z\_pxg[2;1] | 1.281 | 0.650 | 0.004 | 23105.088 | 15025.405 | 1.000 | 3.836 |
| z\_pxg[3;1] | -0.314 | 0.794 | 0.005 | 28973.202 | 15671.809 | 1.000 | 4.810 |
| z\_pxg[4;1] | -0.668 | 0.666 | 0.005 | 21742.357 | 15664.802 | 1.000 | 3.610 |
| z\_pxg[5;1] | -0.166 | 0.796 | 0.005 | 24679.372 | 14530.019 | 1.001 | 4.098 |
| z\_pxg[6;1] | 0.622 | 0.747 | 0.005 | 23889.416 | 15330.215 | 1.000 | 3.966 |
| z\_pxg[7;1] | -1.411 | 0.624 | 0.005 | 17949.527 | 13902.074 | 1.000 | 2.980 |
| z\_pxg[8;1] | 0.658 | 0.767 | 0.005 | 24815.308 | 14712.078 | 1.000 | 4.120 |
| z\_pxg[9;1] | -0.562 | 0.751 | 0.005 | 26547.638 | 15137.373 | 1.000 | 4.408 |
| z\_pxg[10;1] | 1.268 | 0.790 | 0.006 | 17366.405 | 13709.290 | 1.000 | 2.883 |
| z\_pxg[11;1] | 0.463 | 0.785 | 0.005 | 27866.394 | 14978.986 | 1.000 | 4.627 |
| z\_pxg[12;1] | 1.048 | 0.779 | 0.006 | 19611.181 | 13778.444 | 1.000 | 3.256 |
| z\_pxg[13;1] | -0.336 | 0.790 | 0.005 | 21869.765 | 13713.764 | 1.001 | 3.631 |
| z\_pxg[14;1] | -1.143 | 0.661 | 0.005 | 21219.178 | 14938.096 | 1.000 | 3.523 |
| z\_pxg[15;1] | 0.024 | 0.777 | 0.005 | 25428.713 | 14567.589 | 1.000 | 4.222 |
| z\_pxg[16;1] | 0.435 | 0.772 | 0.005 | 26345.698 | 14900.852 | 1.000 | 4.374 |
| z\_pxg[17;1] | -0.874 | 0.648 | 0.004 | 20983.788 | 15051.300 | 1.000 | 3.484 |
| z\_pxg[18;1] | 1.435 | 0.649 | 0.005 | 20209.544 | 14964.643 | 1.000 | 3.355 |
| z\_pxg[19;1] | -0.006 | 0.796 | 0.005 | 27557.783 | 14987.431 | 1.000 | 4.575 |
| z\_pxg[20;1] | -0.086 | 0.609 | 0.004 | 19526.361 | 15212.692 | 1.001 | 3.242 |
| z\_pxg[21;1] | -0.448 | 0.672 | 0.006 | 14578.004 | 12944.304 | 1.000 | 2.420 |
| z\_pxg[22;1] | -0.236 | 0.790 | 0.006 | 20349.487 | 13650.457 | 1.000 | 3.379 |
| z\_pxg[23;1] | -1.246 | 0.726 | 0.006 | 16366.138 | 13576.243 | 1.000 | 2.717 |
| z\_pxg[24;1] | 0.661 | 0.760 | 0.005 | 25508.178 | 16052.188 | 1.000 | 4.235 |
| z\_pxg[25;1] | 0.125 | 0.784 | 0.005 | 24232.234 | 14925.979 | 1.000 | 4.023 |
| z\_pxg[1;2] | 0.500 | 0.990 | 0.007 | 21144.134 | 14988.759 | 1.000 | 3.511 |
| z\_pxg[2;2] | -0.104 | 0.965 | 0.006 | 28214.560 | 15506.269 | 1.000 | 4.684 |
| z\_pxg[3;2] | -0.173 | 0.968 | 0.006 | 29458.342 | 15950.466 | 1.000 | 4.891 |
| z\_pxg[4;2] | 0.464 | 0.987 | 0.006 | 24788.830 | 15370.277 | 1.000 | 4.116 |
| z\_pxg[5;2] | 0.048 | 0.972 | 0.006 | 29749.264 | 14642.541 | 1.001 | 4.939 |
| z\_pxg[6;2] | 0.107 | 0.965 | 0.006 | 29264.953 | 14017.019 | 1.000 | 4.859 |
| z\_pxg[7;2] | -0.084 | 0.957 | 0.006 | 25984.589 | 14968.580 | 1.000 | 4.314 |
| z\_pxg[8;2] | 0.049 | 0.965 | 0.006 | 30397.172 | 15390.613 | 1.000 | 5.047 |
| z\_pxg[9;2] | 0.178 | 0.970 | 0.006 | 29357.783 | 15592.108 | 1.000 | 4.874 |
| z\_pxg[10;2] | 0.459 | 0.980 | 0.007 | 20565.279 | 14883.184 | 1.000 | 3.414 |
| z\_pxg[11;2] | 0.048 | 0.972 | 0.006 | 28327.741 | 15545.739 | 1.000 | 4.703 |
| z\_pxg[12;2] | 0.463 | 0.977 | 0.007 | 20001.078 | 14241.169 | 1.000 | 3.321 |
| z\_pxg[13;2] | 0.177 | 0.970 | 0.006 | 30504.892 | 16017.045 | 1.000 | 5.065 |
| z\_pxg[14;2] | -0.331 | 0.961 | 0.006 | 24956.570 | 15833.160 | 1.000 | 4.144 |
| z\_pxg[15;2] | -0.013 | 0.968 | 0.006 | 27794.387 | 13705.863 | 1.001 | 4.615 |
| z\_pxg[16;2] | -0.157 | 0.982 | 0.006 | 28020.093 | 14978.268 | 1.000 | 4.652 |
| z\_pxg[17;2] | -0.376 | 0.958 | 0.006 | 22617.355 | 14122.835 | 1.000 | 3.755 |
| z\_pxg[18;2] | 0.166 | 0.948 | 0.006 | 27685.419 | 14183.047 | 1.000 | 4.597 |
| z\_pxg[19;2] | -0.032 | 0.983 | 0.005 | 32503.198 | 14590.655 | 1.000 | 5.397 |
| z\_pxg[20;2] | -0.663 | 0.979 | 0.007 | 18699.609 | 15220.109 | 1.000 | 3.105 |
| z\_pxg[21;2] | -0.520 | 0.963 | 0.007 | 18104.296 | 14683.815 | 1.000 | 3.006 |
| z\_pxg[22;2] | -0.394 | 0.981 | 0.007 | 19828.141 | 15364.072 | 1.000 | 3.292 |
| z\_pxg[23;2] | -0.190 | 0.932 | 0.006 | 24105.183 | 15270.225 | 1.000 | 4.002 |
| z\_pxg[24;2] | 0.058 | 0.978 | 0.006 | 27675.446 | 15117.791 | 1.000 | 4.595 |
| z\_pxg[25;2] | 0.047 | 0.967 | 0.006 | 28226.165 | 15240.005 | 1.000 | 4.686 |
| z\_pxg[1;3] | -0.647 | 0.673 | 0.004 | 22608.519 | 13983.212 | 1.000 | 3.754 |
| z\_pxg[2;3] | 1.357 | 0.637 | 0.004 | 22461.325 | 14735.115 | 1.000 | 3.729 |
| z\_pxg[3;3] | -0.012 | 0.796 | 0.005 | 25926.076 | 14098.662 | 1.000 | 4.305 |
| z\_pxg[4;3] | 1.099 | 0.667 | 0.004 | 24151.709 | 14802.076 | 1.000 | 4.010 |
| z\_pxg[5;3] | -0.139 | 0.806 | 0.005 | 30097.117 | 15105.471 | 1.000 | 4.997 |
| z\_pxg[6;3] | 0.262 | 0.746 | 0.004 | 27700.429 | 14890.618 | 1.000 | 4.599 |
| z\_pxg[7;3] | 0.665 | 0.616 | 0.004 | 22813.052 | 14039.943 | 1.000 | 3.788 |
| z\_pxg[8;3] | 0.083 | 0.786 | 0.004 | 31114.031 | 14464.307 | 1.000 | 5.166 |
| z\_pxg[9;3] | 0.351 | 0.767 | 0.005 | 28339.798 | 15268.821 | 1.001 | 4.705 |
| z\_pxg[10;3] | 0.010 | 0.925 | 0.006 | 26572.593 | 14854.915 | 1.000 | 4.412 |
| z\_pxg[11;3] | -0.086 | 0.796 | 0.005 | 27978.996 | 15358.561 | 1.000 | 4.645 |
| z\_pxg[12;3] | 0.100 | 0.931 | 0.006 | 28200.262 | 14997.063 | 1.000 | 4.682 |
| z\_pxg[13;3] | -0.076 | 0.947 | 0.005 | 32065.953 | 15041.061 | 1.000 | 5.324 |
| z\_pxg[14;3] | -1.885 | 0.685 | 0.005 | 22571.303 | 15364.814 | 1.000 | 3.748 |
| z\_pxg[15;3] | -0.548 | 0.802 | 0.005 | 27622.047 | 14638.631 | 1.000 | 4.586 |
| z\_pxg[16;3] | -0.195 | 0.807 | 0.005 | 28288.717 | 15353.605 | 1.000 | 4.697 |
| z\_pxg[17;3] | -0.649 | 0.653 | 0.004 | 25462.212 | 14334.553 | 1.000 | 4.228 |
| z\_pxg[18;3] | 1.163 | 0.633 | 0.004 | 24804.428 | 14862.658 | 1.000 | 4.118 |
| z\_pxg[19;3] | -0.602 | 0.790 | 0.005 | 27367.257 | 14388.462 | 1.000 | 4.544 |
| z\_pxg[20;3] | 1.502 | 0.623 | 0.004 | 23414.010 | 14789.202 | 1.000 | 3.887 |
| z\_pxg[21;3] | 0.553 | 0.892 | 0.006 | 23336.236 | 15335.378 | 1.000 | 3.875 |
| z\_pxg[22;3] | 0.431 | 0.969 | 0.006 | 26732.460 | 13734.979 | 1.000 | 4.438 |
| z\_pxg[23;3] | -1.019 | 0.972 | 0.007 | 20242.082 | 14385.626 | 1.000 | 3.361 |
| z\_pxg[24;3] | 0.095 | 0.772 | 0.005 | 26357.910 | 14434.482 | 1.000 | 4.376 |
| z\_pxg[25;3] | -0.135 | 0.800 | 0.005 | 31417.722 | 14105.987 | 1.000 | 5.216 |
| z\_pxg[1;4] | 0.194 | 0.618 | 0.004 | 21338.074 | 14119.128 | 1.000 | 3.543 |
| z\_pxg[2;4] | -1.225 | 0.592 | 0.004 | 18955.959 | 14792.316 | 1.000 | 3.147 |
| z\_pxg[3;4] | 0.675 | 0.693 | 0.004 | 26119.698 | 15456.171 | 1.000 | 4.337 |
| z\_pxg[4;4] | -1.047 | 0.599 | 0.004 | 19128.611 | 13842.514 | 1.000 | 3.176 |
| z\_pxg[5;4] | 0.420 | 0.675 | 0.004 | 22714.318 | 16014.130 | 1.000 | 3.771 |
| z\_pxg[6;4] | -0.871 | 0.636 | 0.004 | 21414.399 | 16020.631 | 1.000 | 3.555 |
| z\_pxg[7;4] | 0.091 | 0.540 | 0.004 | 17383.286 | 15052.100 | 1.000 | 2.886 |
| z\_pxg[8;4] | -0.782 | 0.642 | 0.004 | 21937.423 | 15963.074 | 1.000 | 3.642 |
| z\_pxg[9;4] | 0.424 | 0.683 | 0.004 | 24915.138 | 14732.754 | 1.000 | 4.137 |
| z\_pxg[10;4] | 0.790 | 0.899 | 0.007 | 19125.170 | 13759.356 | 1.000 | 3.175 |
| z\_pxg[11;4] | 0.820 | 0.663 | 0.004 | 24232.946 | 15520.963 | 1.000 | 4.023 |
| z\_pxg[12;4] | 0.731 | 0.892 | 0.007 | 18771.323 | 14142.977 | 1.000 | 3.117 |
| z\_pxg[13;4] | 0.282 | 0.881 | 0.006 | 24572.671 | 14329.274 | 1.000 | 4.080 |
| z\_pxg[14;4] | 1.036 | 0.548 | 0.004 | 18122.364 | 13746.836 | 1.000 | 3.009 |
| z\_pxg[15;4] | 0.513 | 0.656 | 0.004 | 22609.747 | 16451.152 | 1.000 | 3.754 |
| z\_pxg[16;4] | -0.020 | 0.657 | 0.004 | 23542.476 | 14857.837 | 1.000 | 3.909 |
| z\_pxg[17;4] | 1.176 | 0.564 | 0.004 | 17318.804 | 13772.938 | 1.000 | 2.875 |
| z\_pxg[18;4] | -1.046 | 0.579 | 0.004 | 18862.686 | 15043.715 | 1.000 | 3.132 |
| z\_pxg[19;4] | 0.360 | 0.660 | 0.004 | 22505.261 | 15172.386 | 1.000 | 3.737 |
| z\_pxg[20;4] | -1.503 | 0.568 | 0.004 | 18355.929 | 15374.055 | 1.000 | 3.048 |
| z\_pxg[21;4] | -1.243 | 0.892 | 0.008 | 13675.793 | 13078.163 | 1.000 | 2.271 |
| z\_pxg[22;4] | -0.075 | 0.868 | 0.006 | 24560.478 | 15713.226 | 1.000 | 4.078 |
| z\_pxg[23;4] | -0.480 | 0.851 | 0.007 | 17433.494 | 12841.812 | 1.000 | 2.894 |
| z\_pxg[24;4] | -0.788 | 0.650 | 0.005 | 20284.427 | 13976.050 | 1.000 | 3.368 |
| z\_pxg[25;4] | 0.264 | 0.689 | 0.004 | 24829.363 | 14472.906 | 1.001 | 4.122 |
| z\_pxg[1;5] | -0.091 | 0.966 | 0.005 | 31520.730 | 13935.668 | 1.000 | 5.233 |
| z\_pxg[2;5] | -0.230 | 0.967 | 0.006 | 30723.606 | 14635.762 | 1.000 | 5.101 |
| z\_pxg[3;5] | -0.140 | 0.968 | 0.006 | 30402.650 | 15276.410 | 1.000 | 5.048 |
| z\_pxg[4;5] | 0.056 | 0.960 | 0.005 | 31111.562 | 14623.504 | 1.000 | 5.165 |
| z\_pxg[5;5] | 0.165 | 0.985 | 0.006 | 30902.431 | 14472.275 | 1.000 | 5.131 |
| z\_pxg[6;5] | 0.213 | 0.972 | 0.006 | 29541.400 | 15160.010 | 1.000 | 4.905 |
| z\_pxg[7;5] | 0.013 | 0.954 | 0.006 | 28383.860 | 13300.445 | 1.000 | 4.713 |
| z\_pxg[8;5] | 0.228 | 0.974 | 0.006 | 30529.870 | 14206.784 | 1.000 | 5.069 |
| z\_pxg[9;5] | -0.028 | 0.973 | 0.005 | 31663.674 | 13630.550 | 1.000 | 5.257 |
| z\_pxg[10;5] | 0.331 | 0.944 | 0.006 | 25766.113 | 14842.568 | 1.000 | 4.278 |
| z\_pxg[11;5] | 0.177 | 0.984 | 0.006 | 29122.024 | 14952.570 | 1.000 | 4.835 |
| z\_pxg[12;5] | 0.198 | 0.928 | 0.006 | 25458.682 | 13260.317 | 1.000 | 4.227 |
| z\_pxg[13;5] | -0.233 | 0.938 | 0.005 | 29145.016 | 15417.672 | 1.000 | 4.839 |
| z\_pxg[14;5] | -0.219 | 0.964 | 0.005 | 30803.386 | 14950.810 | 1.000 | 5.114 |
| z\_pxg[15;5] | 0.055 | 0.966 | 0.006 | 30859.336 | 14558.521 | 1.000 | 5.124 |
| z\_pxg[16;5] | 0.236 | 0.984 | 0.006 | 30373.928 | 14822.524 | 1.000 | 5.043 |
| z\_pxg[17;5] | -0.878 | 1.037 | 0.007 | 20712.336 | 16042.298 | 1.000 | 3.439 |
| z\_pxg[18;5] | -0.046 | 0.955 | 0.005 | 33913.947 | 13695.999 | 1.000 | 5.631 |
| z\_pxg[19;5] | 0.192 | 0.985 | 0.006 | 29452.210 | 14620.220 | 1.000 | 4.890 |
| z\_pxg[20;5] | -0.376 | 0.964 | 0.006 | 30454.214 | 14391.055 | 1.000 | 5.056 |
| z\_pxg[21;5] | -0.995 | 1.000 | 0.007 | 17875.220 | 15481.388 | 1.000 | 2.968 |
| z\_pxg[22;5] | 0.118 | 0.930 | 0.006 | 28180.545 | 14344.495 | 1.000 | 4.679 |
| z\_pxg[23;5] | 0.601 | 0.941 | 0.006 | 23567.423 | 15263.439 | 1.000 | 3.913 |
| z\_pxg[24;5] | 0.241 | 0.964 | 0.006 | 25467.169 | 14082.673 | 1.001 | 4.228 |
| z\_pxg[25;5] | 0.207 | 0.973 | 0.005 | 32173.522 | 14495.032 | 1.000 | 5.342 |
| z\_pxg[1;6] | -0.306 | 0.763 | 0.005 | 24524.706 | 13217.829 | 1.000 | 4.072 |
| z\_pxg[2;6] | -0.261 | 0.738 | 0.005 | 23989.454 | 13298.755 | 1.000 | 3.983 |
| z\_pxg[3;6] | 0.060 | 0.836 | 0.005 | 29786.438 | 13976.577 | 1.000 | 4.945 |
| z\_pxg[4;6] | -0.177 | 0.761 | 0.005 | 25087.642 | 12703.408 | 1.000 | 4.165 |
| z\_pxg[5;6] | -0.537 | 0.817 | 0.005 | 23441.003 | 14864.615 | 1.000 | 3.892 |
| z\_pxg[6;6] | 0.905 | 0.825 | 0.006 | 20697.730 | 11592.880 | 1.000 | 3.436 |
| z\_pxg[7;6] | -1.719 | 0.748 | 0.007 | 13011.197 | 7324.587 | 1.000 | 2.160 |
| z\_pxg[8;6] | 0.967 | 0.831 | 0.006 | 17033.655 | 12010.832 | 1.000 | 2.828 |
| z\_pxg[9;6] | -0.085 | 0.825 | 0.005 | 26966.251 | 14151.748 | 1.000 | 4.477 |
| z\_pxg[10;6] | 0.161 | 0.950 | 0.006 | 26736.662 | 14945.002 | 1.000 | 4.439 |
| z\_pxg[11;6] | 0.075 | 0.829 | 0.005 | 27911.659 | 14710.712 | 1.000 | 4.634 |
| z\_pxg[12;6] | 0.197 | 0.964 | 0.006 | 26349.304 | 14863.024 | 1.000 | 4.375 |
| z\_pxg[13;6] | 0.192 | 0.974 | 0.006 | 30920.548 | 14698.061 | 1.000 | 5.134 |
| z\_pxg[14;6] | -0.286 | 0.716 | 0.005 | 23843.398 | 14793.292 | 1.000 | 3.959 |
| z\_pxg[15;6] | -0.430 | 0.811 | 0.005 | 23301.854 | 13402.237 | 1.001 | 3.869 |
| z\_pxg[16;6] | -0.393 | 0.834 | 0.005 | 25148.096 | 14655.264 | 1.000 | 4.175 |
| z\_pxg[17;6] | 1.515 | 0.769 | 0.007 | 14159.331 | 7938.110 | 1.000 | 2.351 |
| z\_pxg[18;6] | -0.396 | 0.708 | 0.005 | 22450.565 | 12458.287 | 1.000 | 3.727 |
| z\_pxg[19;6] | -0.149 | 0.804 | 0.005 | 26150.374 | 14614.206 | 1.000 | 4.342 |
| z\_pxg[20;6] | -0.826 | 0.710 | 0.006 | 16347.292 | 9824.210 | 1.000 | 2.714 |
| z\_pxg[21;6] | -0.243 | 0.944 | 0.006 | 22344.827 | 14780.539 | 1.000 | 3.710 |
| z\_pxg[22;6] | 0.533 | 0.991 | 0.006 | 25041.449 | 15970.534 | 1.000 | 4.158 |
| z\_pxg[23;6] | -0.811 | 1.019 | 0.008 | 15870.705 | 16043.825 | 1.000 | 2.635 |
| z\_pxg[24;6] | 0.959 | 0.846 | 0.006 | 18521.123 | 10938.016 | 1.000 | 3.075 |
| z\_pxg[25;6] | 0.449 | 0.841 | 0.005 | 23809.434 | 13880.182 | 1.000 | 3.953 |
| z\_pxv[1;1] | 0.005 | 0.909 | 0.005 | 30785.085 | 15391.043 | 1.000 | 5.111 |
| z\_pxv[2;1] | -0.660 | 0.683 | 0.005 | 22395.448 | 15141.335 | 1.000 | 3.718 |
| z\_pxv[3;1] | -0.168 | 0.813 | 0.005 | 28133.809 | 13869.606 | 1.000 | 4.671 |
| z\_pxv[4;1] | -0.309 | 0.691 | 0.005 | 23400.287 | 15110.159 | 1.000 | 3.885 |
| z\_pxv[5;1] | 1.007 | 0.607 | 0.004 | 20702.705 | 14822.633 | 1.000 | 3.437 |
| z\_pxv[6;1] | 0.392 | 0.885 | 0.006 | 23273.827 | 15510.435 | 1.000 | 3.864 |
| z\_pxv[1;2] | -0.226 | 0.977 | 0.006 | 27701.724 | 15364.499 | 1.000 | 4.599 |
| z\_pxv[2;2] | -0.189 | 0.964 | 0.006 | 27144.362 | 15388.819 | 1.000 | 4.507 |
| z\_pxv[3;2] | 0.054 | 0.977 | 0.005 | 32149.323 | 14659.938 | 1.000 | 5.338 |
| z\_pxv[4;2] | 0.311 | 0.977 | 0.006 | 24267.369 | 14850.632 | 1.000 | 4.029 |
| z\_pxv[5;2] | -0.254 | 0.946 | 0.006 | 24241.188 | 16426.377 | 1.000 | 4.025 |
| z\_pxv[6;2] | -0.079 | 0.955 | 0.006 | 25820.906 | 14975.142 | 1.000 | 4.287 |
| z\_pxv[1;3] | -0.365 | 0.975 | 0.006 | 31086.997 | 14407.098 | 1.000 | 5.161 |
| z\_pxv[2;3] | -0.692 | 0.686 | 0.004 | 26499.794 | 14830.434 | 1.000 | 4.400 |
| z\_pxv[3;3] | -0.765 | 0.805 | 0.005 | 28278.195 | 13892.535 | 1.000 | 4.695 |
| z\_pxv[4;3] | -0.718 | 0.686 | 0.004 | 24116.774 | 14899.224 | 1.000 | 4.004 |
| z\_pxv[5;3] | 0.181 | 0.590 | 0.004 | 19218.838 | 13918.422 | 1.000 | 3.191 |
| z\_pxv[6;3] | -0.271 | 0.950 | 0.006 | 28169.474 | 13755.701 | 1.001 | 4.677 |
| z\_pxv[1;4] | 0.682 | 0.846 | 0.006 | 19201.553 | 14027.800 | 1.000 | 3.188 |
| z\_pxv[2;4] | 1.037 | 0.575 | 0.004 | 20776.458 | 15132.767 | 1.000 | 3.450 |
| z\_pxv[3;4] | 0.733 | 0.688 | 0.004 | 24337.494 | 15490.428 | 1.000 | 4.041 |
| z\_pxv[4;4] | 1.497 | 0.586 | 0.004 | 19024.678 | 14465.701 | 1.000 | 3.159 |
| z\_pxv[5;4] | -0.327 | 0.509 | 0.004 | 17977.328 | 15143.193 | 1.000 | 2.985 |
| z\_pxv[6;4] | 0.234 | 0.795 | 0.006 | 19446.969 | 15084.535 | 1.000 | 3.229 |
| z\_pxv[1;5] | -0.274 | 0.995 | 0.006 | 31096.084 | 14481.524 | 1.000 | 5.163 |
| z\_pxv[2;5] | 0.086 | 0.963 | 0.005 | 31263.061 | 14172.400 | 1.001 | 5.191 |
| z\_pxv[3;5] | -0.213 | 0.982 | 0.005 | 33881.672 | 14622.768 | 1.000 | 5.625 |
| z\_pxv[4;5] | -0.205 | 0.957 | 0.006 | 27884.202 | 15343.917 | 1.000 | 4.630 |
| z\_pxv[5;5] | 0.043 | 0.944 | 0.006 | 28788.069 | 14136.952 | 1.001 | 4.780 |
| z\_pxv[6;5] | -0.116 | 0.962 | 0.006 | 28578.145 | 15438.275 | 1.000 | 4.745 |
| z\_pxv[1;6] | -0.237 | 1.000 | 0.006 | 32327.768 | 14672.337 | 1.000 | 5.367 |
| z\_pxv[2;6] | -0.109 | 0.755 | 0.005 | 26225.393 | 13197.553 | 1.000 | 4.354 |
| z\_pxv[3;6] | 0.121 | 0.798 | 0.005 | 26942.498 | 14136.404 | 1.000 | 4.473 |
| z\_pxv[4;6] | -0.342 | 0.731 | 0.005 | 21219.274 | 12257.607 | 1.000 | 3.523 |
| z\_pxv[5;6] | -0.633 | 0.692 | 0.005 | 18722.790 | 11948.885 | 1.000 | 3.109 |
| z\_pxv[6;6] | -0.118 | 0.971 | 0.006 | 29397.540 | 15264.560 | 1.000 | 4.881 |

# Count model

| parameters | mean | std | mcse | ess\_bulk | ess\_tail | rhat | ess\_per\_sec |
| --- | --- | --- | --- | --- | --- | --- | --- |
| μ\_sxr[1] | -0.945 | 0.538 | 0.003 | 47651.08 | 28920.43 | 1.000 | 12.189 |
| μ\_sxr[2] | 0.443 | 0.292 | 0.002 | 36087.50 | 28770.16 | 1.000 | 9.231 |
| μ\_sxr[3] | 0.178 | 0.224 | 0.001 | 37438.05 | 28538.09 | 1.000 | 9.577 |
| μ\_sxr[4] | 0.068 | 0.700 | 0.003 | 46712.46 | 27392.00 | 1.000 | 11.949 |
| μ\_sxr[5] | -0.748 | 0.372 | 0.002 | 55491.96 | 33125.84 | 1.000 | 14.195 |
| μ\_sxr[6] | 0.569 | 0.856 | 0.004 | 53685.62 | 29760.03 | 1.000 | 13.733 |
| μ\_sxr[7] | -0.225 | 0.280 | 0.001 | 49782.91 | 31588.19 | 1.000 | 12.734 |
| μ\_sxr[8] | -0.400 | 0.260 | 0.001 | 43118.98 | 29989.81 | 1.000 | 11.030 |
| μ\_sxr[9] | -0.139 | 0.234 | 0.001 | 36188.76 | 27717.72 | 1.000 | 9.257 |
| μ\_sxr[10] | -1.035 | 0.852 | 0.003 | 73029.31 | 30635.19 | 1.000 | 18.681 |
| μ\_sxr[11] | -1.138 | 0.707 | 0.003 | 69428.04 | 29244.86 | 1.000 | 17.760 |
| μ\_sxr[12] | -1.138 | 0.851 | 0.003 | 74219.18 | 29768.91 | 1.000 | 18.985 |
| μ\_sxr[13] | -0.921 | 0.531 | 0.002 | 51966.84 | 30075.04 | 1.000 | 13.293 |
| μ\_sxr[14] | 1.014 | 0.325 | 0.002 | 35495.11 | 23856.00 | 1.000 | 9.080 |
| μ\_sxr[15] | -0.371 | 0.576 | 0.002 | 54271.37 | 30642.03 | 1.000 | 13.882 |
| μ\_sxr[16] | -1.184 | 0.338 | 0.002 | 34846.84 | 17154.13 | 1.000 | 8.914 |
| μ\_sxr[17] | -1.000 | 0.318 | 0.002 | 43025.66 | 31273.56 | 1.000 | 11.006 |
| μ\_sxr[18] | 0.429 | 0.997 | 0.004 | 55700.81 | 33847.81 | 1.000 | 14.248 |
| μ\_sxr[19] | 0.595 | 0.784 | 0.003 | 62448.09 | 31424.48 | 1.000 | 15.974 |
| μ\_sxr[20] | -1.260 | 0.787 | 0.003 | 59880.80 | 31226.02 | 1.000 | 15.317 |
| μ\_sxr[21] | -0.715 | 0.680 | 0.003 | 59356.80 | 31463.73 | 1.000 | 15.183 |
| μ\_sxr[22] | 0.649 | 0.825 | 0.003 | 71888.15 | 31136.07 | 1.000 | 18.389 |
| μ\_sxr[23] | -0.043 | 0.773 | 0.003 | 63035.08 | 29079.61 | 1.000 | 16.124 |
| μ\_sxr[24] | 1.103 | 0.909 | 0.003 | 75126.97 | 30722.24 | 1.000 | 19.217 |
| μ\_sxr[25] | 0.076 | 0.890 | 0.003 | 74445.19 | 30034.93 | 1.000 | 19.043 |
| μ\_sxr[26] | 0.014 | 0.688 | 0.003 | 43108.97 | 30696.56 | 1.000 | 11.027 |
| μ\_sxr[27] | -0.580 | 0.652 | 0.003 | 57682.72 | 31525.04 | 1.000 | 14.755 |
| μ\_sxr[28] | -0.884 | 0.506 | 0.002 | 49340.29 | 30099.37 | 1.000 | 12.621 |
| μ\_sxr[29] | -0.613 | 0.269 | 0.001 | 40136.36 | 27082.31 | 1.000 | 10.267 |
| μ\_sxr[30] | -0.234 | 0.814 | 0.003 | 75025.97 | 28575.21 | 1.000 | 19.191 |
| μ\_sxr[31] | -0.664 | 0.875 | 0.003 | 77530.78 | 30255.04 | 1.000 | 19.832 |
| μ\_sxr[32] | -0.687 | 0.318 | 0.002 | 44486.36 | 29711.01 | 1.000 | 11.379 |
| μ\_sxr[33] | -0.286 | 0.834 | 0.003 | 76535.14 | 29997.72 | 1.000 | 19.577 |
| μ\_sxr[34] | -0.689 | 0.246 | 0.001 | 41987.59 | 30383.95 | 1.000 | 10.740 |
| μ\_sxr[35] | 0.288 | 0.291 | 0.002 | 33856.57 | 26673.35 | 1.000 | 8.660 |
| μ\_sxr[36] | -0.657 | 0.834 | 0.003 | 80976.11 | 29249.64 | 1.000 | 20.713 |
| μ\_sxr[37] | -0.568 | 0.268 | 0.001 | 39314.85 | 29370.44 | 1.000 | 10.057 |
| σ\_sxr[1] | 0.558 | 0.373 | 0.002 | 53268.29 | 29311.77 | 1.000 | 13.626 |
| σ\_sxr[2] | 0.441 | 0.237 | 0.001 | 43303.44 | 31438.24 | 1.000 | 11.077 |
| σ\_sxr[3] | 0.368 | 0.175 | 0.001 | 36686.76 | 30910.74 | 1.000 | 9.384 |
| σ\_sxr[4] | 0.758 | 0.986 | 0.030 | 30804.31 | 16838.69 | 1.000 | 7.880 |
| σ\_sxr[5] | 0.486 | 0.249 | 0.001 | 49930.61 | 32158.68 | 1.000 | 12.772 |
| σ\_sxr[6] | 0.909 | 0.772 | 0.004 | 49422.42 | 29819.55 | 1.000 | 12.642 |
| σ\_sxr[7] | 0.412 | 0.210 | 0.001 | 49241.96 | 30699.44 | 1.000 | 12.596 |
| σ\_sxr[8] | 0.422 | 0.207 | 0.001 | 41863.42 | 31468.94 | 1.000 | 10.709 |
| σ\_sxr[9] | 0.385 | 0.183 | 0.001 | 38991.32 | 29037.89 | 1.000 | 9.974 |
| σ\_sxr[10] | 0.648 | 0.496 | 0.003 | 75684.84 | 27231.24 | 1.000 | 19.360 |
| σ\_sxr[11] | 0.616 | 0.444 | 0.002 | 75288.38 | 29134.61 | 1.000 | 19.259 |
| σ\_sxr[12] | 0.633 | 0.488 | 0.003 | 80091.31 | 28389.72 | 1.000 | 20.487 |
| σ\_sxr[13] | 0.570 | 0.380 | 0.002 | 61168.37 | 31396.20 | 1.000 | 15.647 |
| σ\_sxr[14] | 0.451 | 0.245 | 0.001 | 34268.68 | 28112.04 | 1.000 | 8.766 |
| σ\_sxr[15] | 0.593 | 0.391 | 0.002 | 62082.19 | 29536.75 | 1.000 | 15.880 |
| σ\_sxr[16] | 0.467 | 0.253 | 0.001 | 44322.57 | 32480.63 | 1.000 | 11.338 |
| σ\_sxr[17] | 0.485 | 0.257 | 0.001 | 39047.31 | 32084.48 | 1.000 | 9.988 |
| σ\_sxr[18] | 1.260 | 1.128 | 0.006 | 35782.53 | 31733.61 | 1.000 | 9.153 |
| σ\_sxr[19] | 1.367 | 0.824 | 0.004 | 37937.12 | 30892.88 | 1.000 | 9.704 |
| σ\_sxr[20] | 1.239 | 0.719 | 0.004 | 40319.43 | 31764.43 | 1.000 | 10.314 |
| σ\_sxr[21] | 0.611 | 0.438 | 0.002 | 76758.83 | 27923.58 | 1.000 | 19.635 |
| σ\_sxr[22] | 0.669 | 0.533 | 0.003 | 75250.12 | 29524.13 | 1.000 | 19.249 |
| σ\_sxr[23] | 0.722 | 0.587 | 0.003 | 63433.03 | 30749.28 | 1.000 | 16.226 |
| σ\_sxr[24] | 0.823 | 0.775 | 0.005 | 53852.58 | 28621.97 | 1.000 | 13.775 |
| σ\_sxr[25] | 0.649 | 0.517 | 0.003 | 76084.34 | 26469.99 | 1.000 | 19.462 |
| σ\_sxr[26] | 0.748 | 0.543 | 0.003 | 46629.61 | 32202.66 | 1.000 | 11.928 |
| σ\_sxr[27] | 0.610 | 0.438 | 0.002 | 74325.15 | 28005.35 | 1.000 | 19.012 |
| σ\_sxr[28] | 0.571 | 0.369 | 0.002 | 56888.93 | 30687.25 | 1.000 | 14.552 |
| σ\_sxr[29] | 0.398 | 0.202 | 0.001 | 40204.34 | 28372.39 | 1.000 | 10.284 |
| σ\_sxr[30] | 0.641 | 0.507 | 0.003 | 70551.99 | 28580.56 | 1.000 | 18.047 |
| σ\_sxr[31] | 0.644 | 0.491 | 0.003 | 77324.77 | 27288.31 | 1.000 | 19.779 |
| σ\_sxr[32] | 0.445 | 0.226 | 0.001 | 42366.77 | 30315.83 | 1.000 | 10.837 |
| σ\_sxr[33] | 0.634 | 0.497 | 0.003 | 77534.26 | 28716.65 | 1.000 | 19.833 |
| σ\_sxr[34] | 0.391 | 0.191 | 0.001 | 42341.08 | 31315.42 | 1.000 | 10.831 |
| σ\_sxr[35] | 0.509 | 0.242 | 0.001 | 33857.85 | 29886.75 | 1.000 | 8.661 |
| σ\_sxr[36] | 0.634 | 0.470 | 0.003 | 76728.93 | 27037.03 | 1.000 | 19.627 |
| σ\_sxr[37] | 0.410 | 0.204 | 0.001 | 42364.10 | 30032.42 | 1.000 | 10.837 |
| z\_sxr[1;1] | 0.003 | 0.991 | 0.003 | 98010.57 | 28316.68 | 1.000 | 25.071 |
| z\_sxr[2;1] | -0.001 | 0.998 | 0.003 | 98976.03 | 26960.66 | 1.000 | 25.318 |
| z\_sxr[3;1] | -0.075 | 0.706 | 0.003 | 47422.70 | 33802.91 | 1.000 | 12.131 |
| z\_sxr[4;1] | 0.649 | 0.868 | 0.003 | 70315.59 | 32414.22 | 1.000 | 17.987 |
| z\_sxr[5;1] | 0.645 | 0.784 | 0.003 | 62740.42 | 33274.88 | 1.000 | 16.049 |
| z\_sxr[6;1] | 0.001 | 0.995 | 0.003 | 104620.71 | 28811.99 | 1.000 | 26.762 |
| z\_sxr[7;1] | 0.179 | 0.755 | 0.003 | 62169.60 | 33880.64 | 1.000 | 15.903 |
| z\_sxr[8;1] | 0.797 | 0.732 | 0.003 | 56604.45 | 33582.36 | 1.000 | 14.479 |
| z\_sxr[9;1] | 0.093 | 0.707 | 0.003 | 49524.04 | 33103.38 | 1.000 | 12.668 |
| z\_sxr[10;1] | -0.002 | 1.006 | 0.003 | 100285.11 | 27866.20 | 1.000 | 25.653 |
| z\_sxr[11;1] | -0.095 | 0.898 | 0.003 | 76767.33 | 29697.65 | 1.000 | 19.637 |
| z\_sxr[12;1] | 0.003 | 0.996 | 0.003 | 103994.58 | 26879.23 | 1.000 | 26.602 |
| z\_sxr[13;1] | 0.121 | 0.874 | 0.004 | 57496.28 | 30324.98 | 1.000 | 14.707 |
| z\_sxr[14;1] | 0.161 | 0.704 | 0.003 | 49929.01 | 32535.11 | 1.000 | 12.772 |
| z\_sxr[15;1] | 0.004 | 1.000 | 0.003 | 90278.22 | 27797.69 | 1.000 | 23.093 |
| z\_sxr[16;1] | 0.566 | 0.757 | 0.003 | 54275.13 | 34663.59 | 1.000 | 13.883 |
| z\_sxr[17;1] | 0.342 | 0.751 | 0.003 | 57195.10 | 33503.14 | 1.000 | 14.630 |
| z\_sxr[18;1] | -0.002 | 0.986 | 0.003 | 105583.83 | 28751.81 | 1.000 | 27.008 |
| z\_sxr[19;1] | 0.004 | 1.005 | 0.003 | 98675.29 | 26696.54 | 1.001 | 25.241 |
| z\_sxr[20;1] | 0.002 | 0.987 | 0.003 | 102039.37 | 28694.16 | 1.000 | 26.101 |
| z\_sxr[21;1] | -0.001 | 1.010 | 0.003 | 106768.84 | 26472.80 | 1.000 | 27.311 |
| z\_sxr[22;1] | -0.002 | 1.000 | 0.003 | 88309.37 | 26831.65 | 1.000 | 22.589 |
| z\_sxr[23;1] | 0.007 | 1.005 | 0.003 | 89265.38 | 23915.75 | 1.000 | 22.834 |
| z\_sxr[24;1] | 0.002 | 0.999 | 0.003 | 109123.19 | 26748.17 | 1.000 | 27.913 |
| z\_sxr[25;1] | -0.002 | 0.999 | 0.003 | 101512.02 | 27333.86 | 1.000 | 25.967 |
| z\_sxr[26;1] | -0.844 | 0.843 | 0.004 | 56450.07 | 34165.26 | 1.000 | 14.440 |
| z\_sxr[27;1] | -0.001 | 0.988 | 0.003 | 107789.45 | 27534.83 | 1.000 | 27.572 |
| z\_sxr[28;1] | 0.136 | 0.843 | 0.003 | 59724.77 | 32463.15 | 1.000 | 15.277 |
| z\_sxr[29;1] | -0.069 | 0.728 | 0.003 | 50386.56 | 34664.26 | 1.000 | 12.889 |
| z\_sxr[30;1] | 0.000 | 0.995 | 0.003 | 95127.84 | 27839.76 | 1.000 | 24.333 |
| z\_sxr[31;1] | -0.118 | 0.943 | 0.003 | 84859.52 | 28754.13 | 1.000 | 21.707 |
| z\_sxr[32;1] | 0.470 | 0.788 | 0.003 | 55006.63 | 32634.67 | 1.000 | 14.071 |
| z\_sxr[33;1] | -0.002 | 1.008 | 0.003 | 95139.15 | 24800.02 | 1.000 | 24.336 |
| z\_sxr[34;1] | -0.563 | 0.764 | 0.003 | 56725.43 | 32484.09 | 1.000 | 14.510 |
| z\_sxr[35;1] | 0.980 | 0.669 | 0.003 | 46708.17 | 34033.71 | 1.000 | 11.948 |
| z\_sxr[36;1] | -0.094 | 0.929 | 0.003 | 86418.18 | 27431.03 | 1.000 | 22.106 |
| z\_sxr[37;1] | -0.305 | 0.720 | 0.003 | 50091.68 | 17241.41 | 1.000 | 12.813 |
| z\_sxr[1;2] | 0.000 | 0.998 | 0.003 | 103516.86 | 28474.30 | 1.000 | 26.479 |
| z\_sxr[2;2] | 0.549 | 0.778 | 0.003 | 57532.28 | 32587.76 | 1.000 | 14.717 |
| z\_sxr[3;2] | 0.290 | 0.772 | 0.003 | 65425.57 | 32870.48 | 1.000 | 16.736 |
| z\_sxr[4;2] | 0.000 | 1.000 | 0.003 | 86844.74 | 26030.41 | 1.000 | 22.215 |
| z\_sxr[5;2] | -0.250 | 0.907 | 0.003 | 87460.78 | 30362.35 | 1.000 | 22.372 |
| z\_sxr[6;2] | 0.001 | 0.998 | 0.003 | 91549.37 | 23214.38 | 1.000 | 23.418 |
| z\_sxr[7;2] | -0.037 | 0.820 | 0.003 | 71612.63 | 33158.54 | 1.000 | 18.318 |
| z\_sxr[8;2] | -0.090 | 0.806 | 0.003 | 64628.94 | 32596.90 | 1.000 | 16.532 |
| z\_sxr[9;2] | -0.021 | 0.804 | 0.003 | 63821.06 | 32568.94 | 1.000 | 16.325 |
| z\_sxr[10;2] | -0.008 | 1.003 | 0.003 | 94998.23 | 26391.28 | 1.000 | 24.300 |
| z\_sxr[11;2] | -0.002 | 0.994 | 0.004 | 72282.16 | 14612.48 | 1.000 | 18.490 |
| z\_sxr[12;2] | -0.001 | 0.993 | 0.003 | 96862.11 | 28282.09 | 1.000 | 24.777 |
| z\_sxr[13;2] | -0.263 | 0.918 | 0.003 | 81187.78 | 30666.22 | 1.000 | 20.768 |
| z\_sxr[14;2] | -0.508 | 0.838 | 0.003 | 62878.75 | 19209.46 | 1.000 | 16.084 |
| z\_sxr[15;2] | -0.003 | 0.998 | 0.003 | 101747.57 | 26615.66 | 1.000 | 26.027 |
| z\_sxr[16;2] | 0.004 | 0.994 | 0.003 | 93504.74 | 27482.41 | 1.000 | 23.918 |
| z\_sxr[17;2] | -0.811 | 0.855 | 0.003 | 71166.55 | 33638.84 | 1.000 | 18.204 |
| z\_sxr[18;2] | 0.002 | 0.984 | 0.003 | 107417.93 | 28325.76 | 1.000 | 27.477 |
| z\_sxr[19;2] | -0.001 | 1.008 | 0.004 | 51009.15 | 15765.43 | 1.000 | 13.048 |
| z\_sxr[20;2] | 0.002 | 0.997 | 0.004 | 80781.13 | 15156.73 | 1.000 | 20.664 |
| z\_sxr[21;2] | 0.000 | 1.001 | 0.003 | 103558.93 | 27629.46 | 1.000 | 26.490 |
| z\_sxr[22;2] | 0.000 | 1.000 | 0.003 | 93018.71 | 28205.02 | 1.000 | 23.794 |
| z\_sxr[23;2] | -0.002 | 0.994 | 0.003 | 99625.34 | 26443.41 | 1.000 | 25.484 |
| z\_sxr[24;2] | 0.002 | 1.000 | 0.003 | 107176.48 | 27742.48 | 1.000 | 27.415 |
| z\_sxr[25;2] | -0.004 | 1.014 | 0.003 | 107539.55 | 27229.38 | 1.000 | 27.508 |
| z\_sxr[26;2] | 0.001 | 1.003 | 0.003 | 98930.27 | 26906.85 | 1.000 | 25.306 |
| z\_sxr[27;2] | 0.005 | 0.998 | 0.003 | 90480.42 | 27891.46 | 1.000 | 23.145 |
| z\_sxr[28;2] | -0.381 | 0.906 | 0.003 | 78063.58 | 31565.39 | 1.000 | 19.968 |
| z\_sxr[29;2] | -0.110 | 0.857 | 0.003 | 69614.60 | 31829.70 | 1.000 | 17.807 |
| z\_sxr[30;2] | -0.182 | 0.925 | 0.003 | 88532.50 | 29048.76 | 1.000 | 22.646 |
| z\_sxr[31;2] | -0.002 | 1.002 | 0.003 | 105732.19 | 27804.52 | 1.000 | 27.046 |
| z\_sxr[32;2] | 0.114 | 0.850 | 0.003 | 80937.92 | 32251.78 | 1.000 | 20.704 |
| z\_sxr[33;2] | 0.001 | 0.996 | 0.003 | 96699.10 | 26510.19 | 1.000 | 24.735 |
| z\_sxr[34;2] | 0.084 | 0.797 | 0.003 | 66393.99 | 31971.30 | 1.000 | 16.983 |
| z\_sxr[35;2] | 0.441 | 0.740 | 0.003 | 57978.99 | 33055.23 | 1.000 | 14.831 |
| z\_sxr[36;2] | -0.005 | 1.002 | 0.003 | 106301.40 | 28759.98 | 1.000 | 27.192 |
| z\_sxr[37;2] | 0.160 | 0.849 | 0.003 | 81360.07 | 29853.28 | 1.000 | 20.812 |
| z\_sxr[1;3] | -0.285 | 0.844 | 0.003 | 64100.18 | 32594.32 | 1.000 | 16.397 |
| z\_sxr[2;3] | -0.221 | 0.691 | 0.004 | 33313.72 | 16782.38 | 1.000 | 8.522 |
| z\_sxr[3;3] | -0.537 | 0.668 | 0.003 | 47839.49 | 33828.81 | 1.000 | 12.237 |
| z\_sxr[4;3] | 0.000 | 0.995 | 0.003 | 98077.89 | 28017.73 | 1.000 | 25.088 |
| z\_sxr[5;3] | -0.428 | 0.782 | 0.003 | 63041.64 | 33608.89 | 1.000 | 16.126 |
| z\_sxr[6;3] | 0.000 | 0.987 | 0.003 | 112750.50 | 29585.67 | 1.000 | 28.841 |
| z\_sxr[7;3] | -0.277 | 0.882 | 0.003 | 70371.48 | 32072.68 | 1.000 | 18.001 |
| z\_sxr[8;3] | -0.330 | 0.683 | 0.003 | 47612.25 | 33226.96 | 1.000 | 12.179 |
| z\_sxr[9;3] | 0.543 | 0.677 | 0.003 | 49963.08 | 35395.44 | 1.000 | 12.780 |
| z\_sxr[10;3] | 0.001 | 1.009 | 0.003 | 90569.57 | 26953.01 | 1.000 | 23.167 |
| z\_sxr[11;3] | 0.001 | 1.004 | 0.003 | 95413.18 | 27136.22 | 1.000 | 24.406 |
| z\_sxr[12;3] | 0.003 | 1.008 | 0.003 | 100033.12 | 27516.61 | 1.000 | 25.588 |
| z\_sxr[13;3] | -0.001 | 0.997 | 0.003 | 103487.09 | 27236.93 | 1.000 | 26.472 |
| z\_sxr[14;3] | 0.315 | 0.696 | 0.003 | 49676.51 | 33185.97 | 1.000 | 12.707 |
| z\_sxr[15;3] | -0.493 | 0.871 | 0.004 | 55772.15 | 16297.12 | 1.000 | 14.266 |
| z\_sxr[16;3] | -0.341 | 0.762 | 0.003 | 55227.34 | 31878.01 | 1.000 | 14.127 |
| z\_sxr[17;3] | -0.249 | 0.709 | 0.003 | 48489.94 | 31941.21 | 1.000 | 12.404 |
| z\_sxr[18;3] | 0.001 | 1.005 | 0.003 | 98317.40 | 26976.89 | 1.000 | 25.149 |
| z\_sxr[19;3] | -1.409 | 0.745 | 0.003 | 63840.56 | 31537.65 | 1.000 | 16.330 |
| z\_sxr[20;3] | -0.728 | 0.770 | 0.003 | 56208.54 | 21349.90 | 1.000 | 14.378 |
| z\_sxr[21;3] | -0.003 | 0.989 | 0.003 | 98700.78 | 28031.78 | 1.000 | 25.247 |
| z\_sxr[22;3] | 0.002 | 1.004 | 0.003 | 96900.66 | 26937.05 | 1.000 | 24.787 |
| z\_sxr[23;3] | 0.002 | 0.995 | 0.003 | 101604.60 | 27508.16 | 1.000 | 25.990 |
| z\_sxr[24;3] | 0.000 | 0.995 | 0.003 | 95472.37 | 27595.18 | 1.000 | 24.422 |
| z\_sxr[25;3] | 0.002 | 1.023 | 0.003 | 100931.36 | 25672.83 | 1.000 | 25.818 |
| z\_sxr[26;3] | -0.006 | 1.005 | 0.003 | 95813.99 | 27172.24 | 1.000 | 24.509 |
| z\_sxr[27;3] | -0.003 | 1.000 | 0.003 | 102558.31 | 28091.83 | 1.000 | 26.234 |
| z\_sxr[28;3] | 0.000 | 1.011 | 0.003 | 104211.45 | 26220.26 | 1.000 | 26.657 |
| z\_sxr[29;3] | -0.483 | 0.688 | 0.003 | 49483.12 | 33528.11 | 1.000 | 12.658 |
| z\_sxr[30;3] | 0.001 | 1.002 | 0.004 | 77266.41 | 15049.92 | 1.000 | 19.765 |
| z\_sxr[31;3] | 0.007 | 0.998 | 0.003 | 104954.51 | 28010.47 | 1.000 | 26.847 |
| z\_sxr[32;3] | -0.634 | 0.751 | 0.003 | 60475.33 | 32939.26 | 1.000 | 15.469 |
| z\_sxr[33;3] | -0.003 | 0.991 | 0.003 | 102918.41 | 28644.24 | 1.000 | 26.326 |
| z\_sxr[34;3] | 0.026 | 0.689 | 0.003 | 50562.33 | 35015.14 | 1.000 | 12.934 |
| z\_sxr[35;3] | -0.690 | 0.649 | 0.003 | 40976.79 | 31924.92 | 1.000 | 10.482 |
| z\_sxr[36;3] | 0.000 | 0.998 | 0.003 | 103196.89 | 25902.42 | 1.000 | 26.397 |
| z\_sxr[37;3] | -0.529 | 0.682 | 0.003 | 50061.48 | 33306.17 | 1.000 | 12.806 |
| z\_sxr[1;4] | -0.328 | 0.821 | 0.003 | 65594.17 | 34133.20 | 1.000 | 16.779 |
| z\_sxr[2;4] | -0.303 | 0.727 | 0.003 | 44918.98 | 28287.82 | 1.000 | 11.490 |
| z\_sxr[3;4] | 0.094 | 0.726 | 0.003 | 53794.87 | 34233.85 | 1.000 | 13.761 |
| z\_sxr[4;4] | -0.006 | 1.012 | 0.003 | 103984.93 | 25858.63 | 1.000 | 26.599 |
| z\_sxr[5;4] | -0.340 | 0.759 | 0.003 | 65894.66 | 32074.35 | 1.000 | 16.856 |
| z\_sxr[6;4] | -0.878 | 0.869 | 0.003 | 66231.00 | 32467.86 | 1.000 | 16.942 |
| z\_sxr[7;4] | -0.143 | 0.823 | 0.003 | 58930.74 | 35259.83 | 1.000 | 15.074 |
| z\_sxr[8;4] | -0.209 | 0.713 | 0.003 | 55702.63 | 33519.98 | 1.000 | 14.249 |
| z\_sxr[9;4] | -0.451 | 0.711 | 0.003 | 49654.37 | 33744.32 | 1.000 | 12.701 |
| z\_sxr[10;4] | 0.158 | 0.942 | 0.003 | 93911.92 | 29721.99 | 1.000 | 24.022 |
| z\_sxr[11;4] | 0.002 | 1.005 | 0.004 | 72117.55 | 13945.92 | 1.000 | 18.447 |
| z\_sxr[12;4] | 0.045 | 0.938 | 0.003 | 87860.48 | 29205.35 | 1.000 | 22.474 |
| z\_sxr[13;4] | 0.006 | 1.002 | 0.003 | 100612.55 | 27039.88 | 1.000 | 25.736 |
| z\_sxr[14;4] | 0.714 | 0.725 | 0.003 | 53059.29 | 34117.33 | 1.000 | 13.572 |
| z\_sxr[15;4] | 0.365 | 0.809 | 0.003 | 73249.47 | 30997.84 | 1.000 | 18.737 |
| z\_sxr[16;4] | -0.166 | 0.773 | 0.003 | 54874.68 | 33798.54 | 1.000 | 14.037 |
| z\_sxr[17;4] | 0.474 | 0.719 | 0.003 | 56154.53 | 33957.67 | 1.000 | 14.364 |
| z\_sxr[18;4] | -1.120 | 0.864 | 0.004 | 56957.79 | 31256.77 | 1.000 | 14.570 |
| z\_sxr[19;4] | 0.728 | 0.733 | 0.003 | 58537.54 | 31725.25 | 1.000 | 14.974 |
| z\_sxr[20;4] | 1.354 | 0.722 | 0.003 | 64926.90 | 30678.32 | 1.000 | 16.608 |
| z\_sxr[21;4] | -0.123 | 0.890 | 0.003 | 77886.47 | 30059.16 | 1.000 | 19.923 |
| z\_sxr[22;4] | 0.311 | 0.921 | 0.003 | 78813.94 | 30420.12 | 1.000 | 20.160 |
| z\_sxr[23;4] | 0.550 | 0.900 | 0.003 | 74803.87 | 31721.62 | 1.000 | 19.135 |
| z\_sxr[24;4] | -0.598 | 0.956 | 0.004 | 67381.76 | 30015.12 | 1.000 | 17.236 |
| z\_sxr[25;4] | 0.002 | 0.938 | 0.003 | 97066.67 | 30192.51 | 1.000 | 24.829 |
| z\_sxr[26;4] | 0.087 | 0.911 | 0.003 | 74576.01 | 28629.25 | 1.000 | 19.076 |
| z\_sxr[27;4] | 0.060 | 0.898 | 0.003 | 81211.67 | 29524.22 | 1.000 | 20.774 |
| z\_sxr[28;4] | -0.002 | 1.006 | 0.003 | 108197.53 | 26456.21 | 1.000 | 27.677 |
| z\_sxr[29;4] | 0.072 | 0.841 | 0.003 | 58647.61 | 20804.46 | 1.000 | 15.002 |
| z\_sxr[30;4] | -0.002 | 1.004 | 0.003 | 97865.21 | 29256.36 | 1.000 | 25.034 |
| z\_sxr[31;4] | 0.003 | 1.002 | 0.003 | 95184.40 | 26595.54 | 1.000 | 24.348 |
| z\_sxr[32;4] | -0.181 | 0.734 | 0.003 | 53737.46 | 32414.25 | 1.000 | 13.746 |
| z\_sxr[33;4] | -0.033 | 0.935 | 0.003 | 87694.84 | 29880.62 | 1.000 | 22.432 |
| z\_sxr[34;4] | 0.301 | 0.753 | 0.003 | 54435.32 | 33804.93 | 1.000 | 13.924 |
| z\_sxr[35;4] | -0.420 | 0.670 | 0.003 | 44643.38 | 33369.88 | 1.000 | 11.420 |
| z\_sxr[36;4] | 0.002 | 1.003 | 0.003 | 101047.93 | 26684.76 | 1.000 | 25.848 |
| z\_sxr[37;4] | 0.358 | 0.796 | 0.004 | 52234.97 | 15996.46 | 1.000 | 13.362 |
| μ\_pxn[1;1] | 0.030 | 0.214 | 0.001 | 30570.87 | 27878.19 | 1.000 | 7.820 |
| μ\_pxn[2;1] | 0.012 | 0.046 | 0.000 | 23659.87 | 28311.00 | 1.000 | 6.052 |
| μ\_pxn[3;1] | 0.034 | 0.159 | 0.001 | 28970.49 | 27524.05 | 1.000 | 7.411 |
| μ\_pxn[1;2] | -0.108 | 0.228 | 0.001 | 34311.70 | 28575.71 | 1.000 | 8.777 |
| μ\_pxn[2;2] | 0.104 | 0.067 | 0.000 | 27921.32 | 30314.09 | 1.000 | 7.142 |
| μ\_pxn[3;2] | 0.125 | 0.184 | 0.001 | 29338.65 | 26782.62 | 1.000 | 7.505 |
| μ\_pxn[1;3] | 0.310 | 0.264 | 0.001 | 33045.87 | 16687.44 | 1.000 | 8.453 |
| μ\_pxn[2;3] | 0.038 | 0.054 | 0.000 | 29351.54 | 30318.58 | 1.000 | 7.508 |
| μ\_pxn[3;3] | -0.017 | 0.138 | 0.001 | 29027.81 | 27572.23 | 1.000 | 7.425 |
| μ\_pxn[1;4] | -0.207 | 0.231 | 0.001 | 34893.72 | 25299.38 | 1.000 | 8.926 |
| μ\_pxn[2;4] | -0.117 | 0.060 | 0.000 | 26912.97 | 27365.14 | 1.000 | 6.884 |
| μ\_pxn[3;4] | -0.305 | 0.201 | 0.001 | 28962.26 | 28902.25 | 1.000 | 7.408 |
| μ\_pxn[1;5] | -0.289 | 0.230 | 0.001 | 32020.81 | 29292.21 | 1.000 | 8.191 |
| μ\_pxn[2;5] | -0.017 | 0.068 | 0.000 | 27980.36 | 15949.25 | 1.000 | 7.157 |
| μ\_pxn[3;5] | -0.040 | 0.211 | 0.001 | 29315.35 | 27629.07 | 1.000 | 7.499 |
| μ\_pxn[1;6] | 0.009 | 0.289 | 0.002 | 33271.16 | 15763.79 | 1.000 | 8.511 |
| μ\_pxn[2;6] | -0.055 | 0.075 | 0.000 | 35981.98 | 30692.24 | 1.000 | 9.204 |
| μ\_pxn[3;6] | 0.037 | 0.197 | 0.001 | 30688.62 | 28540.72 | 1.000 | 7.850 |
| σ\_pxn[1;1] | 0.375 | 0.170 | 0.001 | 42481.49 | 31627.11 | 1.000 | 10.867 |
| σ\_pxn[2;1] | 0.151 | 0.039 | 0.000 | 30273.04 | 33400.04 | 1.000 | 7.744 |
| σ\_pxn[3;1] | 0.291 | 0.124 | 0.001 | 50828.51 | 30744.19 | 1.000 | 13.002 |
| σ\_pxn[1;2] | 0.365 | 0.172 | 0.001 | 55941.03 | 30759.74 | 1.000 | 14.310 |
| σ\_pxn[2;2] | 0.199 | 0.055 | 0.000 | 32753.24 | 32612.09 | 1.000 | 8.378 |
| σ\_pxn[3;2] | 0.331 | 0.140 | 0.001 | 51780.92 | 30816.94 | 1.000 | 13.245 |
| σ\_pxn[1;3] | 0.454 | 0.206 | 0.001 | 40402.57 | 32097.99 | 1.000 | 10.335 |
| σ\_pxn[2;3] | 0.170 | 0.044 | 0.000 | 27043.42 | 16735.34 | 1.000 | 6.918 |
| σ\_pxn[3;3] | 0.270 | 0.114 | 0.001 | 38044.32 | 31933.77 | 1.000 | 9.732 |
| σ\_pxn[1;4] | 0.369 | 0.171 | 0.001 | 57814.48 | 30822.13 | 1.000 | 14.789 |
| σ\_pxn[2;4] | 0.180 | 0.050 | 0.000 | 25537.45 | 31723.43 | 1.000 | 6.532 |
| σ\_pxn[3;4] | 0.376 | 0.158 | 0.001 | 47200.00 | 31748.60 | 1.000 | 12.074 |
| σ\_pxn[1;5] | 0.413 | 0.181 | 0.001 | 39771.70 | 33334.23 | 1.000 | 10.173 |
| σ\_pxn[2;5] | 0.202 | 0.058 | 0.000 | 27822.96 | 31797.14 | 1.000 | 7.117 |
| σ\_pxn[3;5] | 0.377 | 0.171 | 0.001 | 36455.26 | 30010.68 | 1.000 | 9.325 |
| σ\_pxn[1;6] | 0.469 | 0.249 | 0.002 | 33565.72 | 15641.53 | 1.000 | 8.586 |
| σ\_pxn[2;6] | 0.204 | 0.056 | 0.000 | 35018.33 | 33048.25 | 1.000 | 8.958 |
| σ\_pxn[3;6] | 0.332 | 0.152 | 0.001 | 44060.62 | 31125.37 | 1.000 | 11.271 |
| z\_pxb[1;1] | 0.374 | 0.942 | 0.003 | 89909.06 | 29448.39 | 1.000 | 22.999 |
| z\_pxb[2;1] | 0.143 | 0.885 | 0.003 | 85000.82 | 29038.90 | 1.000 | 21.743 |
| z\_pxb[3;1] | 0.104 | 0.598 | 0.003 | 35324.68 | 33579.69 | 1.000 | 9.036 |
| z\_pxb[4;1] | -0.098 | 0.906 | 0.003 | 84119.59 | 30360.75 | 1.000 | 21.518 |
| z\_pxb[5;1] | 0.118 | 0.618 | 0.003 | 35209.06 | 16337.85 | 1.000 | 9.006 |
| z\_pxb[6;1] | 0.147 | 0.845 | 0.004 | 57678.51 | 17405.69 | 1.000 | 14.754 |
| z\_pxb[1;2] | 0.052 | 0.954 | 0.004 | 60923.09 | 14700.35 | 1.000 | 15.584 |
| z\_pxb[2;2] | -0.001 | 0.947 | 0.003 | 87506.95 | 28280.70 | 1.000 | 22.384 |
| z\_pxb[3;2] | 0.549 | 0.636 | 0.003 | 39913.87 | 34064.03 | 1.000 | 10.210 |
| z\_pxb[4;2] | 0.091 | 0.894 | 0.003 | 80163.96 | 29085.07 | 1.000 | 20.506 |
| z\_pxb[5;2] | 0.480 | 0.853 | 0.003 | 77200.49 | 32067.87 | 1.000 | 19.748 |
| z\_pxb[6;2] | 0.045 | 0.842 | 0.003 | 67400.27 | 32037.98 | 1.000 | 17.241 |
| z\_pxb[1;3] | 0.525 | 0.941 | 0.003 | 89627.93 | 27042.39 | 1.000 | 22.927 |
| z\_pxb[2;3] | 0.387 | 0.877 | 0.003 | 67237.51 | 14254.41 | 1.000 | 17.199 |
| z\_pxb[3;3] | 0.003 | 0.592 | 0.003 | 36393.67 | 34709.58 | 1.000 | 9.309 |
| z\_pxb[4;3] | -0.014 | 0.731 | 0.003 | 54525.87 | 34576.33 | 1.000 | 13.948 |
| z\_pxb[5;3] | -0.105 | 0.760 | 0.003 | 70955.26 | 31677.40 | 1.000 | 18.150 |
| z\_pxb[6;3] | -0.294 | 0.697 | 0.003 | 45382.40 | 33695.67 | 1.000 | 11.609 |
| z\_pxb[1;4] | -0.439 | 0.962 | 0.003 | 90500.91 | 28159.04 | 1.000 | 23.150 |
| z\_pxb[2;4] | 0.169 | 0.874 | 0.003 | 76755.61 | 29997.86 | 1.000 | 19.634 |
| z\_pxb[3;4] | -1.028 | 0.665 | 0.003 | 41953.92 | 18613.12 | 1.000 | 10.732 |
| z\_pxb[4;4] | -0.046 | 0.943 | 0.003 | 81164.26 | 30678.27 | 1.000 | 20.762 |
| z\_pxb[5;4] | 0.234 | 0.826 | 0.003 | 75808.55 | 32096.86 | 1.000 | 19.392 |
| z\_pxb[6;4] | 0.099 | 0.723 | 0.003 | 50948.55 | 34713.77 | 1.000 | 13.033 |
| z\_pxb[1;5] | -0.215 | 0.940 | 0.003 | 98260.41 | 28394.26 | 1.000 | 25.135 |
| z\_pxb[2;5] | -0.424 | 0.872 | 0.003 | 77391.35 | 29510.87 | 1.000 | 19.797 |
| z\_pxb[3;5] | 0.735 | 0.631 | 0.003 | 37483.14 | 31041.40 | 1.000 | 9.588 |
| z\_pxb[4;5] | 0.010 | 0.950 | 0.003 | 90253.75 | 29255.45 | 1.000 | 23.087 |
| z\_pxb[5;5] | -0.531 | 0.817 | 0.003 | 81520.05 | 30544.80 | 1.000 | 20.853 |
| z\_pxb[6;5] | 0.247 | 0.927 | 0.003 | 83203.54 | 30619.13 | 1.000 | 21.283 |
| z\_pxb[1;6] | -0.009 | 0.965 | 0.003 | 97443.74 | 28065.79 | 1.000 | 24.926 |
| z\_pxb[2;6] | 0.137 | 0.938 | 0.004 | 67607.51 | 15384.73 | 1.000 | 17.294 |
| z\_pxb[3;6] | -0.036 | 0.704 | 0.003 | 45868.17 | 33450.92 | 1.000 | 11.733 |
| z\_pxb[4;6] | -0.061 | 0.971 | 0.003 | 96280.07 | 27387.70 | 1.000 | 24.628 |
| z\_pxb[5;6] | 0.330 | 0.910 | 0.003 | 80474.65 | 30098.42 | 1.000 | 20.585 |
| z\_pxb[6;6] | -0.151 | 0.861 | 0.003 | 71441.58 | 31332.56 | 1.000 | 18.275 |
| z\_pxg[1;1] | -0.205 | 0.628 | 0.003 | 54656.88 | 32672.54 | 1.000 | 13.981 |
| z\_pxg[2;1] | 0.317 | 0.486 | 0.003 | 36878.52 | 33019.49 | 1.000 | 9.433 |
| z\_pxg[3;1] | 0.009 | 1.002 | 0.003 | 92351.88 | 28142.95 | 1.000 | 23.623 |
| z\_pxg[4;1] | -0.127 | 0.619 | 0.003 | 53634.44 | 33318.18 | 1.000 | 13.720 |
| z\_pxg[5;1] | 0.023 | 0.946 | 0.003 | 95044.44 | 28953.90 | 1.000 | 24.312 |
| z\_pxg[6;1] | -0.233 | 0.821 | 0.003 | 72905.12 | 30182.01 | 1.000 | 18.649 |
| z\_pxg[7;1] | 0.670 | 0.591 | 0.003 | 49875.85 | 33904.29 | 1.000 | 12.758 |
| z\_pxg[8;1] | 0.406 | 0.977 | 0.003 | 79196.84 | 27498.75 | 1.000 | 20.258 |
| z\_pxg[9;1] | -0.258 | 0.702 | 0.003 | 60947.68 | 31578.82 | 1.000 | 15.590 |
| z\_pxg[10;1] | 0.443 | 0.774 | 0.003 | 60794.79 | 31088.47 | 1.000 | 15.551 |
| z\_pxg[11;1] | 0.381 | 0.920 | 0.003 | 86575.63 | 28081.80 | 1.000 | 22.146 |
| z\_pxg[12;1] | -0.695 | 0.802 | 0.003 | 53400.27 | 30843.67 | 1.000 | 13.660 |
| z\_pxg[13;1] | 0.148 | 0.922 | 0.003 | 71027.91 | 16705.70 | 1.000 | 18.169 |
| z\_pxg[14;1] | -0.003 | 0.591 | 0.003 | 55197.46 | 32210.36 | 1.000 | 14.119 |
| z\_pxg[15;1] | -0.304 | 0.925 | 0.003 | 78871.80 | 28830.29 | 1.000 | 20.175 |
| z\_pxg[16;1] | -0.133 | 0.970 | 0.003 | 95957.31 | 27520.08 | 1.000 | 24.546 |
| z\_pxg[17;1] | -0.716 | 0.573 | 0.003 | 48841.35 | 33525.42 | 1.000 | 12.493 |
| z\_pxg[18;1] | 0.689 | 0.484 | 0.002 | 38957.30 | 33277.53 | 1.000 | 9.965 |
| z\_pxg[19;1] | -0.095 | 0.902 | 0.003 | 89074.39 | 30231.92 | 1.000 | 22.785 |
| z\_pxg[20;1] | -0.101 | 0.471 | 0.002 | 37804.21 | 33965.49 | 1.000 | 9.670 |
| z\_pxg[21;1] | -0.204 | 0.587 | 0.003 | 33831.17 | 31586.26 | 1.000 | 8.654 |
| z\_pxg[22;1] | 0.419 | 0.913 | 0.003 | 83587.25 | 31713.44 | 1.000 | 21.381 |
| z\_pxg[23;1] | -0.106 | 0.592 | 0.003 | 33079.68 | 22199.20 | 1.000 | 8.462 |
| z\_pxg[24;1] | -0.145 | 0.958 | 0.003 | 91529.01 | 27618.15 | 1.000 | 23.413 |
| z\_pxg[25;1] | -0.683 | 1.006 | 0.004 | 57768.18 | 15461.02 | 1.000 | 14.777 |
| z\_pxg[1;2] | -0.057 | 0.812 | 0.003 | 67913.84 | 28778.12 | 1.000 | 17.372 |
| z\_pxg[2;2] | -0.320 | 0.511 | 0.003 | 31867.53 | 17579.31 | 1.000 | 8.152 |
| z\_pxg[3;2] | 0.027 | 0.960 | 0.003 | 100082.20 | 30099.17 | 1.000 | 25.601 |
| z\_pxg[4;2] | 0.339 | 0.819 | 0.004 | 50794.23 | 16341.60 | 1.000 | 12.993 |
| z\_pxg[5;2] | -0.010 | 0.931 | 0.003 | 93843.03 | 29574.54 | 1.000 | 24.005 |
| z\_pxg[6;2] | -0.532 | 0.949 | 0.003 | 89880.48 | 28563.18 | 1.000 | 22.991 |
| z\_pxg[7;2] | 0.030 | 0.640 | 0.003 | 50892.40 | 32343.24 | 1.000 | 13.018 |
| z\_pxg[8;2] | 0.381 | 0.963 | 0.003 | 96598.33 | 27938.24 | 1.000 | 24.710 |
| z\_pxg[9;2] | 0.173 | 0.911 | 0.003 | 87565.21 | 29311.77 | 1.000 | 22.399 |
| z\_pxg[10;2] | 0.300 | 0.898 | 0.003 | 80490.51 | 29083.08 | 1.000 | 20.589 |
| z\_pxg[11;2] | 0.281 | 0.957 | 0.003 | 92230.14 | 28625.43 | 1.000 | 23.592 |
| z\_pxg[12;2] | 0.030 | 0.896 | 0.003 | 76467.22 | 29340.12 | 1.000 | 19.560 |
| z\_pxg[13;2] | -0.046 | 0.988 | 0.003 | 103201.24 | 27672.11 | 1.000 | 26.399 |
| z\_pxg[14;2] | -0.580 | 0.581 | 0.003 | 51965.06 | 32449.58 | 1.000 | 13.293 |
| z\_pxg[15;2] | 0.218 | 0.964 | 0.003 | 101414.03 | 28143.53 | 1.000 | 25.941 |
| z\_pxg[16;2] | 0.116 | 0.982 | 0.003 | 91365.29 | 28016.50 | 1.000 | 23.371 |
| z\_pxg[17;2] | -0.281 | 0.747 | 0.003 | 72144.25 | 32830.36 | 1.000 | 18.454 |
| z\_pxg[18;2] | 0.578 | 0.536 | 0.003 | 44141.74 | 33597.14 | 1.000 | 11.291 |
| z\_pxg[19;2] | -0.021 | 0.924 | 0.003 | 94798.59 | 29108.38 | 1.000 | 24.249 |
| z\_pxg[20;2] | 0.077 | 0.488 | 0.002 | 40153.73 | 34050.86 | 1.000 | 10.271 |
| z\_pxg[21;2] | -0.224 | 0.637 | 0.003 | 40705.91 | 32860.10 | 1.000 | 10.412 |
| z\_pxg[22;2] | 0.038 | 0.887 | 0.003 | 79280.25 | 28409.08 | 1.000 | 20.280 |
| z\_pxg[23;2] | -0.128 | 0.640 | 0.003 | 39462.37 | 31192.71 | 1.000 | 10.094 |
| z\_pxg[24;2] | 0.240 | 0.943 | 0.003 | 101933.77 | 28598.25 | 1.001 | 26.074 |
| z\_pxg[25;2] | -0.429 | 1.013 | 0.003 | 87048.40 | 29107.39 | 1.000 | 22.267 |
| z\_pxg[1;3] | 0.502 | 0.682 | 0.003 | 71393.02 | 28996.42 | 1.000 | 18.262 |
| z\_pxg[2;3] | 0.799 | 0.577 | 0.002 | 54024.88 | 33685.43 | 1.000 | 13.819 |
| z\_pxg[3;3] | -0.019 | 0.978 | 0.003 | 85601.21 | 27185.75 | 1.000 | 21.897 |
| z\_pxg[4;3] | 0.098 | 0.681 | 0.003 | 60825.44 | 33765.42 | 1.000 | 15.559 |
| z\_pxg[5;3] | -0.007 | 0.959 | 0.003 | 89963.60 | 28504.61 | 1.000 | 23.012 |
| z\_pxg[6;3] | -0.048 | 0.840 | 0.003 | 61924.57 | 26789.08 | 1.000 | 15.840 |
| z\_pxg[7;3] | 0.431 | 0.508 | 0.002 | 44101.50 | 32485.71 | 1.000 | 11.281 |
| z\_pxg[8;3] | 0.156 | 0.939 | 0.003 | 72649.39 | 15822.89 | 1.000 | 18.584 |
| z\_pxg[9;3] | -0.421 | 0.824 | 0.003 | 80304.18 | 30371.10 | 1.000 | 20.542 |
| z\_pxg[10;3] | 0.350 | 0.813 | 0.003 | 59412.70 | 17198.78 | 1.000 | 15.198 |
| z\_pxg[11;3] | 0.143 | 0.982 | 0.003 | 99397.29 | 27035.22 | 1.000 | 25.426 |
| z\_pxg[12;3] | 0.884 | 0.805 | 0.003 | 60575.18 | 33462.09 | 1.000 | 15.495 |
| z\_pxg[13;3] | 0.111 | 0.959 | 0.003 | 89987.09 | 29581.46 | 1.000 | 23.018 |
| z\_pxg[14;3] | -0.237 | 0.611 | 0.003 | 56810.27 | 33186.51 | 1.000 | 14.532 |
| z\_pxg[15;3] | 0.731 | 0.834 | 0.003 | 68898.09 | 29811.23 | 1.000 | 17.624 |
| z\_pxg[16;3] | 0.059 | 0.992 | 0.003 | 103323.08 | 27073.77 | 1.001 | 26.430 |
| z\_pxg[17;3] | -0.026 | 0.647 | 0.003 | 63474.62 | 31918.81 | 1.000 | 16.237 |
| z\_pxg[18;3] | -0.212 | 0.531 | 0.002 | 50440.54 | 33688.94 | 1.000 | 12.903 |
| z\_pxg[19;3] | 0.088 | 0.974 | 0.003 | 97792.95 | 28395.10 | 1.000 | 25.015 |
| z\_pxg[20;3] | -0.568 | 0.512 | 0.002 | 46623.69 | 35377.30 | 1.000 | 11.926 |
| z\_pxg[21;3] | -0.646 | 0.590 | 0.003 | 30498.57 | 18094.99 | 1.000 | 7.801 |
| z\_pxg[22;3] | -0.017 | 0.845 | 0.003 | 67052.14 | 32143.55 | 1.000 | 17.152 |
| z\_pxg[23;3] | -0.552 | 0.595 | 0.003 | 39136.28 | 32857.58 | 1.000 | 10.011 |
| z\_pxg[24;3] | 0.166 | 0.943 | 0.003 | 94039.75 | 27467.70 | 1.000 | 24.055 |
| z\_pxg[25;3] | -0.151 | 0.996 | 0.003 | 99967.71 | 27091.82 | 1.000 | 25.571 |
| z\_pxg[1;4] | -0.091 | 0.820 | 0.003 | 90993.40 | 26730.03 | 1.000 | 23.276 |
| z\_pxg[2;4] | -0.186 | 0.565 | 0.003 | 49750.78 | 33613.66 | 1.000 | 12.726 |
| z\_pxg[3;4] | 0.004 | 0.994 | 0.005 | 40741.06 | 14519.58 | 1.000 | 10.421 |
| z\_pxg[4;4] | -0.487 | 0.780 | 0.003 | 70929.76 | 31826.82 | 1.000 | 18.144 |
| z\_pxg[5;4] | 0.063 | 0.930 | 0.003 | 90384.48 | 29793.99 | 1.000 | 23.120 |
| z\_pxg[6;4] | 0.590 | 0.950 | 0.003 | 82798.90 | 30185.93 | 1.000 | 21.180 |
| z\_pxg[7;4] | 0.020 | 0.592 | 0.003 | 53809.93 | 32147.71 | 1.000 | 13.764 |
| z\_pxg[8;4] | -0.140 | 0.952 | 0.003 | 96786.98 | 28467.30 | 1.000 | 24.758 |
| z\_pxg[9;4] | -0.179 | 0.954 | 0.003 | 82722.65 | 30019.29 | 1.000 | 21.160 |
| z\_pxg[10;4] | -0.110 | 0.910 | 0.003 | 83822.29 | 31222.13 | 1.000 | 21.442 |
| z\_pxg[11;4] | 0.030 | 0.999 | 0.003 | 99415.82 | 27015.34 | 1.000 | 25.430 |
| z\_pxg[12;4] | 0.079 | 0.878 | 0.003 | 79966.30 | 32448.06 | 1.000 | 20.455 |
| z\_pxg[13;4] | 0.047 | 0.981 | 0.003 | 95989.88 | 26917.26 | 1.000 | 24.554 |
| z\_pxg[14;4] | 0.147 | 0.605 | 0.003 | 53294.26 | 31528.68 | 1.000 | 13.633 |
| z\_pxg[15;4] | 0.063 | 0.860 | 0.003 | 80259.18 | 30368.67 | 1.000 | 20.530 |
| z\_pxg[16;4] | 0.189 | 0.925 | 0.003 | 87195.04 | 30525.19 | 1.000 | 22.304 |
| z\_pxg[17;4] | -0.407 | 0.664 | 0.003 | 48779.57 | 16056.41 | 1.000 | 12.478 |
| z\_pxg[18;4] | -0.426 | 0.520 | 0.002 | 44878.15 | 33103.97 | 1.000 | 11.480 |
| z\_pxg[19;4] | 0.258 | 0.917 | 0.003 | 90895.41 | 27326.32 | 1.000 | 23.251 |
| z\_pxg[20;4] | -0.839 | 0.526 | 0.002 | 45459.22 | 33935.51 | 1.000 | 11.628 |
| z\_pxg[21;4] | -0.154 | 0.646 | 0.003 | 39722.02 | 32963.06 | 1.000 | 10.161 |
| z\_pxg[22;4] | -0.197 | 0.903 | 0.003 | 84534.04 | 30122.65 | 1.000 | 21.624 |
| z\_pxg[23;4] | 0.271 | 0.652 | 0.004 | 33918.23 | 15072.78 | 1.000 | 8.676 |
| z\_pxg[24;4] | 0.274 | 0.952 | 0.003 | 95039.16 | 28744.64 | 1.000 | 24.311 |
| z\_pxg[25;4] | 0.553 | 1.009 | 0.004 | 80658.40 | 29845.85 | 1.000 | 20.632 |
| z\_pxg[1;5] | 0.683 | 0.838 | 0.003 | 90636.01 | 29181.19 | 1.000 | 23.184 |
| z\_pxg[2;5] | -0.247 | 0.550 | 0.003 | 41804.47 | 16443.48 | 1.000 | 10.693 |
| z\_pxg[3;5] | 0.041 | 0.891 | 0.003 | 82081.18 | 30308.16 | 1.000 | 20.996 |
| z\_pxg[4;5] | 0.161 | 0.764 | 0.003 | 68685.32 | 32151.37 | 1.000 | 17.570 |
| z\_pxg[5;5] | -0.018 | 0.998 | 0.003 | 101749.01 | 28092.98 | 1.000 | 26.027 |
| z\_pxg[6;5] | -0.471 | 0.859 | 0.003 | 85662.17 | 28069.38 | 1.000 | 21.912 |
| z\_pxg[7;5] | -0.301 | 0.644 | 0.003 | 54065.12 | 30866.01 | 1.000 | 13.830 |
| z\_pxg[8;5] | 0.371 | 0.939 | 0.003 | 78988.45 | 31729.21 | 1.000 | 20.205 |
| z\_pxg[9;5] | -0.116 | 0.978 | 0.004 | 71985.89 | 17293.67 | 1.000 | 18.414 |
| z\_pxg[10;5] | -0.861 | 0.755 | 0.004 | 45922.29 | 16525.00 | 1.000 | 11.747 |
| z\_pxg[11;5] | -0.078 | 1.003 | 0.003 | 103434.56 | 27775.09 | 1.000 | 26.458 |
| z\_pxg[12;5] | -0.351 | 0.754 | 0.003 | 53368.18 | 33641.71 | 1.000 | 13.651 |
| z\_pxg[13;5] | 0.087 | 0.986 | 0.003 | 103646.95 | 29049.87 | 1.000 | 26.513 |
| z\_pxg[14;5] | -0.035 | 0.639 | 0.003 | 58532.95 | 32470.38 | 1.000 | 14.973 |
| z\_pxg[15;5] | -0.077 | 0.967 | 0.003 | 88294.54 | 27852.02 | 1.000 | 22.586 |
| z\_pxg[16;5] | -0.058 | 1.000 | 0.003 | 97691.31 | 27352.71 | 1.000 | 24.989 |
| z\_pxg[17;5] | 0.444 | 0.652 | 0.003 | 61494.95 | 31175.78 | 1.000 | 15.730 |
| z\_pxg[18;5] | 0.216 | 0.532 | 0.003 | 44728.37 | 33844.40 | 1.000 | 11.441 |
| z\_pxg[19;5] | -0.060 | 0.944 | 0.003 | 92664.07 | 30372.87 | 1.000 | 23.703 |
| z\_pxg[20;5] | 0.867 | 0.538 | 0.003 | 39442.69 | 16858.06 | 1.000 | 10.089 |
| z\_pxg[21;5] | 0.412 | 0.588 | 0.003 | 34514.32 | 32872.49 | 1.000 | 8.829 |
| z\_pxg[22;5] | -0.008 | 0.867 | 0.003 | 77404.96 | 31112.11 | 1.000 | 19.800 |
| z\_pxg[23;5] | 0.592 | 0.614 | 0.003 | 36830.95 | 33632.34 | 1.000 | 9.421 |
| z\_pxg[24;5] | 0.593 | 0.972 | 0.004 | 75389.95 | 31327.67 | 1.000 | 19.285 |
| z\_pxg[25;5] | -0.319 | 0.999 | 0.003 | 91995.27 | 28778.53 | 1.000 | 23.532 |
| z\_pxg[1;6] | -0.002 | 0.929 | 0.003 | 88574.44 | 30580.72 | 1.000 | 22.657 |
| z\_pxg[2;6] | -0.256 | 0.693 | 0.003 | 66413.91 | 32735.29 | 1.000 | 16.989 |
| z\_pxg[3;6] | 0.005 | 1.000 | 0.003 | 103448.97 | 26198.30 | 1.000 | 26.462 |
| z\_pxg[4;6] | -0.186 | 0.901 | 0.003 | 84862.69 | 29382.49 | 1.000 | 21.708 |
| z\_pxg[5;6] | 0.064 | 0.971 | 0.003 | 102340.02 | 29858.87 | 1.000 | 26.178 |
| z\_pxg[6;6] | -0.065 | 0.932 | 0.003 | 92211.81 | 29335.78 | 1.000 | 23.588 |
| z\_pxg[7;6] | -0.185 | 0.718 | 0.003 | 61797.19 | 30731.79 | 1.000 | 15.808 |
| z\_pxg[8;6] | 0.068 | 0.967 | 0.003 | 98692.14 | 27889.15 | 1.000 | 25.245 |
| z\_pxg[9;6] | -0.115 | 0.990 | 0.003 | 97288.05 | 29247.99 | 1.000 | 24.886 |
| z\_pxg[10;6] | 0.090 | 0.903 | 0.003 | 87678.44 | 29459.07 | 1.000 | 22.428 |
| z\_pxg[11;6] | 0.113 | 0.988 | 0.003 | 100564.33 | 27157.51 | 1.000 | 25.724 |
| z\_pxg[12;6] | 0.655 | 0.901 | 0.003 | 73707.07 | 31408.37 | 1.000 | 18.854 |
| z\_pxg[13;6] | -0.103 | 0.981 | 0.003 | 87139.21 | 28365.91 | 1.000 | 22.290 |
| z\_pxg[14;6] | 0.237 | 0.626 | 0.003 | 58985.14 | 31061.91 | 1.000 | 15.088 |
| z\_pxg[15;6] | -0.050 | 0.832 | 0.003 | 83253.23 | 29764.66 | 1.000 | 21.296 |
| z\_pxg[16;6] | 0.118 | 0.973 | 0.003 | 94985.38 | 28130.62 | 1.000 | 24.297 |
| z\_pxg[17;6] | -0.514 | 0.737 | 0.003 | 47164.77 | 15499.28 | 1.000 | 12.065 |
| z\_pxg[18;6] | 0.066 | 0.658 | 0.003 | 59601.78 | 33732.05 | 1.000 | 15.246 |
| z\_pxg[19;6] | 0.198 | 0.938 | 0.003 | 90412.47 | 28121.43 | 1.000 | 23.127 |
| z\_pxg[20;6] | -0.943 | 0.591 | 0.003 | 47391.37 | 18064.75 | 1.000 | 12.123 |
| z\_pxg[21;6] | -0.310 | 0.655 | 0.003 | 41493.47 | 31674.78 | 1.000 | 10.614 |
| z\_pxg[22;6] | -0.623 | 0.906 | 0.003 | 78406.29 | 31266.19 | 1.000 | 20.056 |
| z\_pxg[23;6] | 0.282 | 0.653 | 0.003 | 41272.06 | 31842.11 | 1.000 | 10.557 |
| z\_pxg[24;6] | -0.051 | 0.956 | 0.003 | 98019.45 | 28760.38 | 1.000 | 25.073 |
| z\_pxg[25;6] | -0.220 | 0.999 | 0.003 | 92423.29 | 27435.55 | 1.000 | 23.642 |
| z\_pxv[1;1] | -0.165 | 0.549 | 0.003 | 31555.50 | 31410.71 | 1.000 | 8.072 |
| z\_pxv[2;1] | -0.689 | 0.444 | 0.003 | 31248.08 | 29636.21 | 1.000 | 7.993 |
| z\_pxv[3;1] | 0.234 | 0.958 | 0.003 | 90407.25 | 28552.58 | 1.000 | 23.126 |
| z\_pxv[4;1] | 0.225 | 0.411 | 0.002 | 31354.86 | 33148.29 | 1.000 | 8.020 |
| z\_pxv[5;1] | 0.224 | 0.427 | 0.002 | 32469.33 | 32862.35 | 1.000 | 8.306 |
| z\_pxv[6;1] | -0.129 | 0.551 | 0.003 | 32000.41 | 31621.31 | 1.000 | 8.186 |
| z\_pxv[1;2] | -0.238 | 0.576 | 0.003 | 33461.09 | 30047.76 | 1.000 | 8.559 |
| z\_pxv[2;2] | -1.034 | 0.514 | 0.003 | 42104.85 | 33272.60 | 1.000 | 10.770 |
| z\_pxv[3;2] | -0.339 | 0.961 | 0.003 | 85202.95 | 28650.30 | 1.000 | 21.795 |
| z\_pxv[4;2] | 0.567 | 0.499 | 0.003 | 39599.26 | 33484.94 | 1.000 | 10.129 |
| z\_pxv[5;2] | 0.051 | 0.483 | 0.002 | 41875.51 | 34673.18 | 1.000 | 10.712 |
| z\_pxv[6;2] | -0.418 | 0.585 | 0.003 | 33096.53 | 31841.94 | 1.000 | 8.466 |
| z\_pxv[1;3] | 0.055 | 0.531 | 0.003 | 32828.65 | 31739.86 | 1.000 | 8.397 |
| z\_pxv[2;3] | -0.545 | 0.467 | 0.002 | 41399.37 | 33227.00 | 1.000 | 10.590 |
| z\_pxv[3;3] | -0.378 | 0.945 | 0.003 | 97576.10 | 29034.54 | 1.000 | 24.960 |
| z\_pxv[4;3] | -0.715 | 0.453 | 0.002 | 38655.54 | 33414.78 | 1.000 | 9.888 |
| z\_pxv[5;3] | -0.229 | 0.467 | 0.002 | 42381.35 | 34549.20 | 1.000 | 10.841 |
| z\_pxv[6;3] | -0.152 | 0.532 | 0.003 | 31828.53 | 31692.40 | 1.000 | 8.142 |
| z\_pxv[1;4] | 0.149 | 0.548 | 0.003 | 31028.93 | 32073.62 | 1.000 | 7.937 |
| z\_pxv[2;4] | -0.126 | 0.472 | 0.002 | 38441.01 | 32207.07 | 1.000 | 9.833 |
| z\_pxv[3;4] | 0.545 | 0.889 | 0.003 | 75603.03 | 30350.79 | 1.000 | 19.339 |
| z\_pxv[4;4] | 0.591 | 0.526 | 0.003 | 39536.71 | 31655.40 | 1.000 | 10.113 |
| z\_pxv[5;4] | -0.300 | 0.478 | 0.002 | 40423.82 | 33793.94 | 1.000 | 10.340 |
| z\_pxv[6;4] | 0.533 | 0.574 | 0.003 | 31130.63 | 29682.68 | 1.000 | 7.963 |
| z\_pxv[1;5] | -0.277 | 0.578 | 0.003 | 34263.68 | 32059.62 | 1.000 | 8.765 |
| z\_pxv[2;5] | -0.409 | 0.528 | 0.003 | 29346.25 | 15356.29 | 1.000 | 7.507 |
| z\_pxv[3;5] | 0.386 | 0.976 | 0.003 | 92374.15 | 28164.72 | 1.000 | 23.629 |
| z\_pxv[4;5] | -0.579 | 0.508 | 0.002 | 44064.31 | 34319.38 | 1.000 | 11.272 |
| z\_pxv[5;5] | -0.291 | 0.498 | 0.002 | 40158.02 | 15433.16 | 1.000 | 10.272 |
| z\_pxv[6;5] | -0.300 | 0.583 | 0.003 | 34057.43 | 32691.07 | 1.000 | 8.712 |
| z\_pxv[1;6] | 0.196 | 0.624 | 0.003 | 34724.09 | 32730.98 | 1.000 | 8.882 |
| z\_pxv[2;6] | 0.034 | 0.587 | 0.002 | 55501.79 | 33521.12 | 1.000 | 14.197 |
| z\_pxv[3;6] | 0.838 | 0.844 | 0.003 | 75486.45 | 31495.68 | 1.000 | 19.309 |
| z\_pxv[4;6] | 0.500 | 0.571 | 0.003 | 52119.75 | 34030.35 | 1.000 | 13.332 |
| z\_pxv[5;6] | 0.022 | 0.588 | 0.003 | 49537.91 | 33413.79 | 1.000 | 12.672 |
| z\_pxv[6;6] | -0.093 | 0.627 | 0.003 | 35365.60 | 32438.99 | 1.000 | 9.046 |
| σ2 | 0.524 | 0.028 | 0.000 | 55274.33 | 31350.81 | 1.000 | 14.139 |