>> jkl

作业一

源码：

a=normrnd(0,1,1,50);

mean(a)

var(a)

b=normrnd(0,1,1,1000);

mean(b)

var(b)

c=normrnd(0,1,1,10000);

mean(c)

var(c)

a =

Columns 1 through 15

-1.2550 0.0442 0.2853 -1.4460 1.5290 -1.9570 -0.0160 -1.4589 0.0314 -0.4202 -0.4673 -0.8067 0.3505 -0.4922 -0.3585

Columns 16 through 30

1.0365 1.2242 0.6883 -0.2387 0.3743 -0.7785 -0.4848 -1.2685 -0.6801 -1.0075 -1.1331 -0.2481 1.2730 -0.4671 1.1292

Columns 31 through 45

0.4745 0.0437 -0.2469 -0.0155 3.4827 1.0937 0.7018 1.0736 -0.1399 1.5480 0.5928 0.1998 -1.1051 -0.7023 -0.1437

Columns 46 through 50

-0.6084 -0.8623 -0.1339 2.5177 -0.0901

ans =

0.0132

ans =

1.0712

b =

Columns 1 through 15

1.8965 -0.2456 0.0702 -0.2955 0.9543 0.9934 0.2285 2.2855 2.0922 -0.2150 1.3010 0.8713 -1.2390 -0.1193 0.8085

Columns 16 through 30

1.4366 -0.5699 -0.9572 -1.5498 -0.4680 -0.9644 -0.0036 -0.4528 0.8657 0.1824 0.6026 -1.1724 -0.3450 -0.1828 -0.8010

Columns 31 through 45

-0.1608 0.2889 0.0004 1.2741 -0.7135 -0.2952 -0.1166 0.6907 0.4154 -1.5489 -1.2147 0.3690 0.3804 0.4667 -0.0574

Columns 46 through 60

1.4929 0.7147 -2.2397 -2.6121 -1.0318 0.8184 0.2142 -0.2184 0.7234 1.6847 -0.0927 3.1045 0.3214 0.5916 -0.8807

Columns 61 through 75

0.1489 0.5951 -0.7732 -0.1316 0.9366 -0.0390 0.8210 0.5002 -0.2717 0.7190 -0.8242 -0.8478 -1.3168 -0.5241 0.4289

Columns 76 through 90

-0.7038 -0.7754 0.2153 -0.5458 -0.8411 -0.8345 -1.2982 0.5902 -2.3636 -0.0478 0.0789 0.8198 0.3572 0.3202 1.4321

Columns 91 through 105

-1.6708 -0.9414 -1.0691 -0.5360 -1.2715 1.0722 0.0352 -0.0042 0.3139 -0.6668 -1.8307 -0.2720 -0.0932 -0.4285 2.7615

Columns 106 through 120

-0.0251 -0.4972 1.8080 -0.0615 0.9686 0.1571 -0.9201 1.5317 -0.2179 0.3759 -1.7099 1.7435 0.5823 1.8427 -0.1638

Columns 121 through 135

0.2346 -1.3468 -0.0341 -0.8837 -0.2606 -0.8091 0.0450 1.0132 0.9158 -1.0384 0.3458 -3.5350 -0.2866 0.3775 0.0807

Columns 136 through 150

1.9308 1.3403 1.2071 -0.4483 -1.1620 0.1883 0.2716 -0.2933 1.1624 -0.1389 0.6593 2.5874 -0.0476 0.2533 -0.9391

Columns 151 through 165

0.3715 -0.0285 0.5987 0.5802 -0.8081 -0.2219 0.5305 -1.4343 0.1422 -0.3487 -0.1765 -0.1113 -1.6323 -0.4449 0.9804

Columns 166 through 180

-1.8611 0.7508 1.8281 -0.3995 0.6870 -2.0725 0.9910 -1.5066 0.3171 -0.3693 -0.2487 1.5256 1.7440 0.5230 -0.1481

Columns 181 through 195

-0.2872 0.1352 -1.9632 -0.3454 2.1132 -1.3338 1.4309 1.2795 0.3065 -0.2880 0.5119 2.2596 -0.1893 1.8473 0.4823

Columns 196 through 210

-0.0443 1.5567 -0.7239 -0.0409 0.1805 0.0899 1.3251 0.5901 -0.2262 -1.0541 -0.7367 0.9153 1.1886 1.5915 -0.5368

Columns 211 through 225

-0.7954 1.2869 -0.5196 1.2420 -3.0429 0.2293 0.5850 -0.0400 -1.1523 -0.2288 0.4855 -0.3081 0.7669 0.7093 0.3917

Columns 226 through 240

-0.0964 -0.6664 -0.6570 1.9022 -1.3990 -0.9703 -0.4818 1.1398 -0.5320 -1.0208 -1.0140 0.7426 0.9144 -0.4179 0.9974

Columns 241 through 255

-0.0702 0.9482 -0.6585 2.1211 0.6003 -0.0236 0.2403 -0.9443 -1.2509 -1.5017 -2.9136 0.2085 1.9562 -0.8819 -0.0312

Columns 256 through 270

-0.8598 -0.4178 0.5776 0.6371 1.4229 -1.6007 0.5020 1.1940 -0.4724 0.9567 -0.7127 0.8606 -0.6618 -1.0651 0.4493

Columns 271 through 285

1.8604 0.2587 1.9504 2.2082 -0.0612 0.3753 2.2635 -0.5016 0.5623 0.1792 0.1348 -1.4253 0.0849 0.1426 -0.3372

Columns 286 through 300

1.1371 -2.0512 -0.5038 0.6981 1.5354 0.2091 0.7258 0.2217 0.2079 0.5465 -1.2970 -0.3906 -0.0397 -0.8810 0.9067

Columns 301 through 315

0.0999 -1.1230 -1.1531 -1.3804 -0.9388 -0.5008 -0.1684 -0.3581 -0.8976 1.3880 0.1916 1.1848 -0.5617 -0.7795 0.0032

Columns 316 through 330

-0.3275 0.2921 1.4520 -0.2538 0.8176 -0.7999 -1.1372 0.5684 -1.4026 0.5357 0.4018 -1.1492 1.5024 0.3879 -1.0996

Columns 331 through 345

-1.9503 -0.4635 -0.2228 0.0927 0.3120 1.7511 -0.7384 0.2758 0.0226 0.1264 -1.3064 1.0235 -1.0879 -1.1509 -1.6760

Columns 346 through 360

1.4225 0.5808 -0.0486 0.0953 0.5442 -0.9370 -0.5711 -0.3921 1.1035 -0.3449 -0.1742 0.7731 -0.3450 0.9195 0.3937

Columns 361 through 375

0.4123 -0.4712 1.5979 0.8428 -0.2924 1.6170 -1.4948 -1.0787 -1.4309 -2.1152 0.9680 -0.4580 -1.2820 -0.0626 -0.7473

Columns 376 through 390

0.8076 0.9062 1.1848 2.2203 1.5768 0.8163 -0.0276 -1.4046 -0.4500 -1.5503 -0.2055 0.0338 0.7516 0.3309 -0.9459

Columns 391 through 405

0.7849 -1.9282 -0.5546 0.6728 0.9452 -1.5463 -0.3569 -1.0302 0.8982 1.6627 -0.6461 -0.9123 -0.6563 1.6579 -0.5227

Columns 406 through 420

-0.0525 -1.3997 0.7907 1.2596 0.1555 -1.7657 -1.3025 -0.7342 0.2910 -1.2725 -0.6129 -0.7699 -0.1174 -1.0400 1.4340

Columns 421 through 435

-0.7475 0.5370 0.8543 0.2112 2.2748 -0.7008 -0.4929 0.5889 2.1277 0.3497 -2.5174 1.0964 0.0454 0.8391 1.2208

Columns 436 through 450

-1.3083 -0.3638 0.0610 -0.4130 0.6273 0.9959 0.5472 0.1241 -0.7876 -0.8162 -0.6136 0.7914 0.5688 0.1860 -1.3488

Columns 451 through 465

-0.0990 0.4991 -1.1094 1.3485 0.2006 -1.5638 0.1909 -1.5987 -0.2086 0.9331 -0.6912 -1.2263 -1.0667 0.2115 -1.4828

Columns 466 through 480

3.1253 -0.7372 0.0582 -1.3581 0.4363 -0.7860 1.2553 -0.0847 -0.0218 1.0435 -0.1070 0.7950 -1.2615 0.1101 0.9847

Columns 481 through 495

0.3189 0.1989 0.3141 2.4774 -1.0477 0.7262 -0.2721 0.3809 -0.9679 0.1571 0.4565 -0.8486 -0.2241 1.7245 1.5597

Columns 496 through 510

-0.6485 -0.1413 1.1290 -0.1556 -1.5678 0.3422 0.2980 0.6127 -1.0257 -0.5620 -0.0855 0.3737 -1.5141 0.8016 0.1516

Columns 511 through 525

1.4456 3.6714 -0.1264 -0.8195 -1.0196 -0.3924 1.5518 -1.0312 2.7330 -1.0383 0.3464 -1.7156 -1.3587 0.2146 -0.8474

Columns 526 through 540

1.4885 -0.6229 0.9276 -0.5995 -3.6360 1.1335 0.4354 -0.1306 -0.2168 1.0826 -1.5195 -0.1830 1.0153 -0.8284 0.1716

Columns 541 through 555

-0.2573 0.5164 -1.3817 0.8315 -1.6709 0.8024 0.0608 0.2524 -1.5283 0.3253 -0.0266 -0.2001 -1.3233 1.6623 1.1279

Columns 556 through 570

1.0260 0.9742 -1.7448 -0.9131 1.1424 2.0950 0.3952 -0.0008 0.8028 -0.6501 -0.3342 -1.2965 0.1674 -0.2685 1.1739

Columns 571 through 585

1.3731 -0.7114 -0.8903 0.0771 0.2040 -0.9117 -0.6520 0.1215 -0.1193 0.2200 -2.2694 -0.0535 -0.4814 -0.4142 -0.0305

Columns 586 through 600

-0.1466 0.3543 0.5750 -0.3579 -0.3982 -1.5703 0.2530 -1.1825 -0.6780 -0.2198 -1.1637 1.0472 0.1021 0.5955 0.1060

Columns 601 through 615

0.3156 -0.3401 -0.4644 1.5382 1.2035 0.4541 -0.1699 -0.8245 -1.6203 1.2306 -0.1368 0.8336 1.4761 -1.4564 -0.7745

Columns 616 through 630

-0.2892 -0.6989 -1.2047 0.0740 -0.4967 -0.6313 0.0222 0.2828 -0.8962 -0.1450 -0.8940 -0.2410 0.4258 -0.1226 -0.5220

Columns 631 through 645

-1.7291 0.0689 -0.4415 0.1999 0.9584 0.2732 -1.0180 -0.9263 0.2140 -0.7750 0.0515 -0.9696 0.4758 -0.4866 -0.4861

Columns 646 through 660

-2.1319 -0.4315 0.1164 -0.1022 0.2410 2.0773 -1.7966 -0.6302 1.8460 0.7163 1.0398 0.3764 0.7650 -0.3242 0.9577

Columns 661 through 675

-1.6743 0.4123 1.1023 0.5598 0.2538 0.8839 -0.0512 -0.3360 1.1067 -2.2106 -0.3313 1.0866 -0.5633 0.1189 1.0687

Columns 676 through 690

0.9664 -0.0881 -2.6885 0.3068 0.0188 -1.5212 0.9077 -0.7512 1.4089 -0.7800 0.9263 -1.0866 1.2536 -0.1810 0.0294

Columns 691 through 705

-1.8945 0.4229 0.5175 0.0645 0.2457 1.0872 1.1916 0.2094 2.0984 -0.7563 -0.0953 1.4367 0.3652 0.3549 -0.3639

Columns 706 through 720

-1.3056 1.5352 -1.6525 0.7297 1.1935 0.0433 -1.9947 -0.8557 0.6915 -0.8378 1.2265 0.8414 -0.3704 -0.8654 0.2314

Columns 721 through 735

0.0193 0.0390 1.2050 0.5007 1.6355 -1.4412 -1.0959 1.0954 -1.4711 -0.8470 -0.9333 0.2496 -0.1205 1.1138 0.9425

Columns 736 through 750

0.6221 -0.9478 -0.7241 -0.3480 -1.0766 -1.4280 -1.0753 -0.8805 0.5269 0.3420 -0.6030 -1.0294 -0.0828 -0.2293 -0.9365

Columns 751 through 765

-0.4353 0.8976 -0.5241 1.5809 0.9299 0.6688 0.2139 -1.5471 -0.9085 -0.0025 0.9294 0.5677 0.5255 -0.6310 -1.0665

Columns 766 through 780

0.2331 -0.6738 -0.8121 -0.6118 1.1420 0.8248 0.0356 -0.0347 0.5612 0.1987 -0.9283 -0.8697 -0.3085 1.4759 -0.0407

Columns 781 through 795

0.4548 -0.3116 0.9464 0.3379 0.2385 -1.3241 0.5509 -0.5917 1.2720 0.0772 0.0463 -0.6600 0.6231 -0.7996 1.4866

Columns 796 through 810

1.4775 2.0438 -1.0459 -0.0587 -1.2933 0.8067 -0.4391 -0.4455 -0.0681 0.6086 -0.5729 -1.1659 1.3963 2.1840 1.0331

Columns 811 through 825

-0.2851 -0.5161 -0.1053 -1.6331 0.5428 -1.6764 0.1775 0.9941 0.0083 0.7715 -0.5038 1.0372 0.9284 1.5956 -0.5915

Columns 826 through 840

-0.7589 0.0115 0.1643 -2.0753 -1.0055 1.3228 -0.0810 0.2475 0.3612 0.1647 2.2300 -0.3479 1.1929 -1.3149 1.4254

Columns 841 through 855

-1.5492 -0.6818 1.2583 -0.1672 0.9665 -0.7459 1.0932 0.1528 -0.3657 0.8296 -0.5447 0.1969 -0.6235 0.2812 0.2533

Columns 856 through 870

0.4529 -0.5669 -0.7765 0.1092 0.1708 -0.3712 -0.0832 0.5928 0.3946 1.0030 1.2957 -0.6357 -1.6898 -1.5165 -0.7738

Columns 871 through 885

0.4164 -1.2661 0.5498 -0.6301 1.2981 -0.9733 0.7987 -0.5372 0.4654 -0.6262 0.7377 -0.6179 1.1199 1.5208 -1.5774

Columns 886 through 900

0.4788 0.5342 -0.2761 -1.4913 0.9357 -2.1945 -0.1675 1.5845 0.3237 -0.0347 -0.5340 -0.8460 0.1605 1.2098 2.6202

Columns 901 through 915

-0.2642 0.7340 -0.1269 0.5031 0.8870 -1.4333 0.5756 -0.6040 0.4384 0.6191 -1.6215 -0.9265 -0.9116 0.2548 0.1647

Columns 916 through 930

0.6200 0.5562 1.4845 -0.0521 0.0389 -0.1551 0.3206 -1.0396 -0.6816 0.4257 -0.1053 -1.3183 1.3460 -0.0544 -0.5296

Columns 931 through 945

-0.8631 0.0855 -0.1075 0.0139 0.0242 -0.5662 -0.9716 -0.5851 -1.3567 -1.7775 -0.2281 -1.0583 1.6416 -2.4293 1.4844

Columns 946 through 960

1.0509 -0.1080 -0.9332 -1.7093 0.6584 -0.2656 -0.4098 1.3829 1.2673 0.5110 -2.1250 0.4925 0.8438 -1.1069 -1.2537

Columns 961 through 975

0.2578 -1.8712 0.1067 -1.0678 0.8187 -1.2705 0.8909 -1.1240 0.8501 -1.3013 -1.6873 -0.0978 0.1525 1.0942 0.4872

Columns 976 through 990

-0.3239 -0.7947 0.4018 -1.8177 -1.0542 0.2206 -0.2693 0.9201 1.2350 -0.0566 1.7672 -1.2320 -1.5042 1.5776 -1.7183

Columns 991 through 1000

-1.0502 -0.7660 0.2473 0.0982 1.7776 -0.5958 0.5484 0.2328 0.2345 1.0098

ans =

-0.0057

ans =

1.0095

c =

Columns 1 through 15

-0.2772 0.9522 0.6596 -1.7363 0.8557 -1.0116 -0.5208 2.1016 -0.7000 -0.7200 0.9461 -0.3972 -0.3877 -0.9941 0.4044

Columns 16 through 30

0.0613 -1.0695 -0.5584 -0.9715 -1.0223 0.0421 0.4986 1.5955 0.8156 0.0389 -0.5484 -2.0279 -2.7799 -0.1669 0.6452

Columns 31 through 45

1.5995 -0.2046 -1.0163 -0.9667 0.2506 2.0217 -0.1323 -1.4264 -1.5402 1.2847 -0.0240 -0.2657 -0.4406 0.1600 -0.3887

Columns 46 through 60

-0.8306 0.0180 -0.5458 1.1123 0.6414 1.2168 -0.3949 -0.3652 0.4908 -0.9535 0.9853 0.5934 -0.2250 -0.6007 -1.7990

Columns 61 through 75

-1.5648 -0.8424 0.8880 0.6791 0.5060 -0.7886 -0.0415 1.1372 0.0273 -0.8330 -2.2061 0.4082 -0.3045 -0.5372 -2.3045

Columns 76 through 90

-0.1618 0.0403 1.1984 1.2679 0.0047 -0.3025 0.5853 -0.2362 0.5375 0.7130 -0.9719 0.0210 0.3211 -0.5817 -2.0353

Columns 91 through 105

0.6752 -2.1721 1.2481 0.5430 2.1095 0.9328 -0.1507 -1.0155 0.8239 -1.6514 0.0208 -0.2447 -0.9380 1.2467 0.3716

Columns 106 through 120

0.0065 -0.9430 1.9657 -0.6697 0.1675 -1.3958 -0.7616 -1.2208 -0.8083 -1.3499 1.1708 1.0693 -0.3340 1.9021 -1.9273

Columns 121 through 135

0.0462 0.2492 0.7100 0.1414 -0.9917 0.1103 2.1008 -0.7286 -0.3586 -1.5134 -0.2654 0.7310 1.9553 -1.4435 0.6954

Columns 136 through 150

0.4829 0.0952 0.3006 0.2965 0.6491 -2.3439 -0.9202 -0.6467 0.8697 -1.3376 -0.4494 -0.2242 2.4521 0.6871 -0.5067

Columns 151 through 165

-0.6481 -0.3704 -1.0888 0.2892 0.3621 -0.7265 1.1118 1.0275 -0.4911 -0.9113 1.0492 -0.4113 -0.3869 1.9190 -0.0452

Columns 166 through 180

-0.0259 -1.1598 -0.4408 -2.2160 -2.4875 -0.9989 -1.1416 -0.6017 0.9229 -0.8073 0.8866 -0.8738 0.6141 -2.0227 0.2693

Columns 181 through 195

-0.7102 -0.7345 -1.5857 1.4273 0.2310 0.3566 0.8330 -0.2728 -1.1489 0.9885 -0.2335 -0.1637 1.3440 -1.0108 -0.2411

Columns 196 through 210

-0.4378 -1.6757 1.0141 0.1346 -0.5586 -0.6055 0.5522 1.6970 -1.9229 0.7523 1.1054 0.8489 1.3035 2.3047 -0.9623

Columns 211 through 225

0.6249 0.2312 -0.4600 0.0184 1.2537 -0.2965 1.7238 0.5384 0.1886 -0.1803 0.1917 -0.5408 1.8470 -0.3986 -0.4972

Columns 226 through 240

1.5970 -1.1614 -0.5863 0.3189 -1.9312 0.0594 0.1103 -0.8306 0.3774 -0.5192 -0.6753 0.0495 -0.1741 1.2776 -1.0013

Columns 241 through 255

-0.4417 -3.1786 0.3327 -0.7708 -0.0705 1.1931 0.6266 -0.8128 -0.0297 0.7565 -0.6648 0.6945 2.3266 -1.7847 1.9411

Columns 256 through 270

-0.1976 -0.9711 -2.5161 0.1964 0.4875 0.6053 0.5438 -1.0508 0.1578 -0.1856 0.3690 0.1045 0.6478 0.2819 0.1102

Columns 271 through 285

-0.5894 0.2373 -2.5857 -1.0907 0.1041 0.5471 -1.2303 -0.1247 -1.0964 0.2912 -0.4591 -1.0185 -1.2833 2.0039 0.5954

Columns 286 through 300

1.4238 0.9546 -1.1405 1.6089 -0.1595 1.0659 -2.3427 -0.9957 -0.3739 -0.3266 1.3240 0.0326 -0.5929 -0.1859 0.5817

Columns 301 through 315

-0.0910 0.5632 -0.2526 -1.3894 1.8066 1.8458 1.0605 0.5254 0.0838 0.4916 -1.8029 0.6143 1.3410 -0.0382 2.0615

Columns 316 through 330

-0.3197 0.9805 -1.8031 0.6116 2.0183 -1.9173 1.6002 -0.5990 0.0235 -0.5862 -0.6913 0.6143 0.2312 -0.5533 -1.6743

Columns 331 through 345

0.0924 -0.5842 0.8882 -2.4051 0.1761 0.6204 1.5277 -0.2489 -0.3838 -0.5021 -1.0109 -0.1969 -0.1451 -0.5893 0.2950

Columns 346 through 360

0.3123 -0.1026 -0.3281 0.4911 0.5673 1.2747 1.1571 0.6611 0.0996 -2.1665 -0.1420 1.2763 -2.6908 -1.3494 -1.8119

Columns 361 through 375

0.6769 -0.0969 -1.8273 0.0929 0.7902 1.3092 1.6484 0.3679 1.9370 0.0695 -1.0265 0.0978 0.7033 0.2176 -0.4010

Columns 376 through 390

0.1882 -0.0154 -0.6755 1.5562 0.7862 1.5551 0.4598 -1.3824 2.2487 -1.0083 1.3264 -0.0728 0.3782 0.5535 -1.0614

Columns 391 through 405

-1.9610 -1.1824 -2.3765 0.6416 -0.5286 0.2054 -1.8339 -1.6248 0.7465 -1.4050 0.1047 -1.3535 0.7684 0.2939 2.2910

Columns 406 through 420

1.9814 1.0039 0.2003 1.7511 0.1263 -0.0379 0.4823 0.6006 -1.0926 -0.6723 1.3166 1.2088 0.7519 -0.8602 -0.9834

Columns 421 through 435

-1.4555 0.9613 -0.9692 0.8136 0.6603 0.2070 0.2625 2.1624 -0.1107 -1.2519 -1.2537 1.6267 0.4218 -0.2819 0.4525

Columns 436 through 450

-1.7062 -1.2504 -1.7415 1.0540 0.4853 -0.6123 -0.6585 -1.8330 0.8521 0.7209 -1.0438 0.4527 -1.4116 0.2712 0.6767

Columns 451 through 465

-1.5303 -0.0018 -2.5656 -1.6387 0.6484 -0.0461 -0.0139 -0.5868 -1.7263 0.3893 -1.3386 -2.1296 -0.7169 1.5592 1.1168

Columns 466 through 480

-1.5614 -0.4843 0.5524 -0.0839 -1.8083 -0.3062 0.8818 -0.1420 0.6333 -0.0939 0.4523 1.2011 1.3917 -0.1434 -0.1354

Columns 481 through 495

-2.1799 1.4621 -0.0520 0.3223 -0.6065 1.1096 0.5167 0.1837 0.3595 -1.3854 0.5806 -0.0561 0.6287 -0.5445 -0.0085

Columns 496 through 510

0.7903 0.3100 -1.2958 1.0194 1.2683 0.5509 -0.3321 -1.8550 -2.4387 1.3480 0.8970 0.9947 -2.1031 -0.0273 0.2977

Columns 511 through 525

0.3352 -0.6692 0.3560 -0.2880 0.3916 -0.8427 1.2543 -0.0434 -0.4987 -1.8883 0.3689 -0.1026 -1.8613 0.0523 -1.5273

Columns 526 through 540

-1.5572 0.1311 0.1583 -1.2336 0.4703 -0.6767 0.8001 -1.0965 0.0736 -1.4459 0.0338 0.0139 0.1197 1.1317 1.5899

Columns 541 through 555

0.2591 1.1050 0.3918 -1.3686 -0.8634 0.9991 -0.2015 -0.3768 1.2380 0.1805 0.6678 -0.4167 0.8065 0.1082 1.0263

Columns 556 through 570

0.3595 -0.1561 -0.4525 -0.0070 -1.1273 -0.8168 -1.7370 0.4412 0.2226 -0.9206 -0.0038 -0.0360 -0.4381 -0.5728 -0.1291

Columns 571 through 585

1.2740 -0.0460 -1.2070 -0.0464 0.5195 -0.1661 -0.4514 -1.3866 0.5527 -0.0459 0.6437 0.0697 0.6802 0.0714 -0.6069

Columns 586 through 600

-0.1148 -0.5833 -1.6035 -0.3115 -0.6689 -1.5471 0.3704 0.4951 0.4847 0.0175 -0.1988 -0.0224 -0.4585 0.3646 1.3330

Columns 601 through 615

0.7216 0.5525 0.9068 0.2954 2.1386 0.3487 -0.2422 -1.1271 0.9791 -0.4346 -0.5275 0.1943 -0.0970 0.1160 -0.1929

Columns 616 through 630

0.4260 0.4022 0.9416 1.3238 -0.1510 -1.2782 0.9940 -0.8831 1.8772 2.0356 -0.0952 -1.6193 0.4875 0.7162 0.5769

Columns 631 through 645

0.1322 0.8144 -0.3328 0.0033 0.3930 -0.4418 0.2087 -1.4270 -1.3488 0.3118 -0.5591 -1.2630 -0.8558 -0.0672 0.6719

Columns 646 through 660

-0.5520 -1.0768 -0.8236 -0.3161 -0.4045 -0.2923 0.5261 -0.5141 0.4754 -0.5759 -1.6200 0.3231 -1.9695 0.4768 1.1337

Columns 661 through 675

-1.2136 -0.5467 2.2869 0.8180 -0.3477 0.0310 -1.1591 -0.7337 -0.2510 1.5065 -1.7533 -1.6155 -0.5030 0.8121 2.2501

Columns 676 through 690

-0.9395 1.1476 0.7913 2.1984 -1.4009 -1.4782 -0.0475 0.2100 -0.9417 -0.2705 0.9511 -1.5198 -0.3599 -0.1260 0.3796

Columns 691 through 705

-0.2233 0.2983 -2.1073 -0.3877 -0.5237 0.0614 0.7156 -2.1779 -1.1688 0.7325 1.6320 0.8192 1.8822 0.4982 1.4333

Columns 706 through 720

-1.2698 0.5651 -0.2049 -1.8767 -0.6596 0.1139 -0.5020 -0.9393 1.0832 1.8339 0.3634 -0.6171 -1.1504 -1.7252 -0.3906

Columns 721 through 735

-1.7579 -1.5653 0.7435 -0.0544 1.4716 -1.1000 -0.1837 -0.3692 -0.2954 0.2368 -0.1912 0.3963 0.8756 0.7745 -0.0734

Columns 736 through 750

-0.0397 0.0050 -0.2854 2.6491 0.6639 1.2424 0.4727 -1.3208 -0.8596 -0.8590 -0.2268 0.5199 1.3712 -0.0940 0.5981

Columns 751 through 765

0.9786 1.4782 0.3986 -1.2837 -0.2944 1.0051 -0.4396 1.6520 1.4455 -0.7883 2.3879 -0.7560 1.5056 1.7142 -1.5253

Columns 766 through 780

-0.3882 0.2197 -0.0891 -1.0524 0.5323 -0.8057 0.5959 1.3883 0.6986 -1.2236 0.2054 2.3009 -0.9363 1.2005 -0.7701

Columns 781 through 795

0.0847 0.9715 0.0005 -0.2622 0.0072 0.0686 1.1655 -0.3790 0.4679 0.2296 -0.6140 -0.7390 -1.2161 0.0515 0.7417

Columns 796 through 810

-0.0973 -1.6782 -1.4424 -1.6412 -0.7590 0.3002 -0.3339 -1.7729 -0.5097 0.1083 1.3404 1.2575 -1.4832 -0.4198 -0.7385

Columns 811 through 825

0.8975 1.2631 -0.1018 -0.6812 -0.3545 -0.0322 0.5581 0.3512 -1.4065 -1.3655 0.2864 -0.3017 -1.5779 0.8863 -0.3240

Columns 826 through 840

1.1827 -0.4985 0.3486 0.3700 0.2590 1.3872 0.2389 -0.3949 0.1130 1.0345 -0.1922 -0.1397 0.0915 -1.1398 -1.1566

Columns 841 through 855

-0.7905 1.1942 0.9767 -1.0783 -0.7062 -1.1138 -0.9142 0.4527 0.8507 1.1616 0.8270 0.5378 0.4072 0.9704 -1.8898

Columns 856 through 870

1.7580 -0.0856 0.9539 1.1717 2.7192 -1.2173 -1.3581 -1.8455 0.5078 1.3230 1.4208 -0.9523 1.2201 0.3779 -0.7606

Columns 871 through 885

0.2073 -0.3219 0.3526 0.4481 -0.6724 -0.2283 -0.5712 0.4093 -1.7171 0.6253 1.5766 0.9198 -0.8669 0.1536 0.3756

Columns 886 through 900

0.2346 -0.4248 -1.0866 -0.5147 0.3808 0.1554 -0.6500 1.6878 -0.1248 -1.1690 -1.2607 -0.4898 -0.4641 1.3905 0.5204

Columns 901 through 915

1.9730 1.6461 -0.2398 0.0203 -1.7223 1.4928 -0.4512 -0.0093 0.0995 0.3513 -0.4458 1.0186 0.6263 1.7856 -0.0274

Columns 916 through 930

0.0623 1.0133 -0.1793 -0.1970 -0.1706 1.0432 0.0369 0.6255 -0.8972 0.5078 -0.2920 1.2949 0.2942 0.1465 0.7073

Columns 931 through 945

2.2540 1.5308 0.4549 0.1747 0.6385 0.4780 -0.3678 0.0375 -0.2370 -2.0343 1.0948 -1.4637 -0.9630 1.1326 0.9351

Columns 946 through 960

-0.4476 -1.6300 -1.4309 -1.1972 -0.4631 -2.9272 0.7500 -0.4008 -0.1385 -0.4359 0.1865 -0.0756 0.5186 2.0221 -1.9853

Columns 961 through 975

0.5355 -1.3632 1.9270 0.0105 -1.2337 -0.7864 -0.5080 -1.4085 1.4693 -1.6703 -0.2357 -1.7511 0.4854 -0.4823 1.1965

Columns 976 through 990

-0.9605 0.1054 -0.6343 -0.9538 0.9245 1.7277 0.9809 1.8303 0.3806 0.5179 0.3770 -0.5333 0.9021 -0.4919 0.3137

Columns 991 through 1005

1.2183 0.0756 -1.1058 -0.5496 -1.2996 0.5549 -1.0740 -1.3650 1.1326 -1.7027 0.8503 0.1847 -0.0025 -1.1090 -0.7536

Columns 1006 through 1020

-0.0501 1.3312 -1.0670 0.5493 -0.8995 0.7760 -0.1666 0.0325 2.0270 -0.4289 1.4999 -0.3166 -0.3411 0.4030 -1.4573

Columns 1021 through 1035

-0.1910 -0.1638 0.9498 0.5776 -2.4786 0.5818 0.0614 0.3520 -0.6531 1.6201 0.1741 0.9495 -2.0335 -0.7627 0.5930

Columns 1036 through 1050

-0.1141 -0.0320 -0.7382 -0.3254 -1.4602 1.0647 -0.2035 1.5249 0.9643 0.2032 0.5458 0.1183 -1.2944 -0.9540 -0.1502

Columns 1051 through 1065

-0.1212 0.0633 1.5896 -0.0278 0.3748 -0.3812 0.1617 0.5979 -0.4112 -0.6389 -1.4881 -0.8605 -0.6238 -0.4272 -1.1250

Columns 1066 through 1080

0.9842 0.0677 0.9716 -0.0997 -0.7147 -0.1649 1.5486 -1.3614 -0.6110 -1.5624 0.4351 1.5261 -0.3202 1.1659 -0.1370

Columns 1081 through 1095

0.6160 -0.0596 -1.0724 1.0429 -1.5300 1.2370 0.3228 -1.4681 -0.6745 0.3947 -0.2042 -1.0627 -0.1938 -0.6683 -0.4070

Columns 1096 through 1110

0.0611 -0.6619 1.0867 -1.8560 -0.3623 -0.7591 -0.0987 -0.5005 0.9318 0.0037 -0.7045 0.5399 -0.0435 1.7557 0.5862

Columns 1111 through 1125

0.5890 0.3827 -0.1301 0.2915 -0.4148 -0.7230 0.9301 1.1713 0.4033 -0.4194 1.7325 -0.3038 -0.2022 0.7714 0.8661

Columns 1126 through 1140

1.1970 -0.0291 0.9237 -0.8665 1.1089 -0.1927 -1.6060 0.5535 1.3308 0.8740 0.7062 -0.4297 -1.6739 0.8186 -0.4418

Columns 1141 through 1155

0.6071 -0.2573 -1.2491 0.7909 -0.1237 -0.8566 1.3066 -0.7874 1.1566 -0.7935 -1.4626 0.5669 2.5340 0.4802 0.3349

Columns 1156 through 1170

-0.1751 0.5179 0.0425 -0.6279 -0.2950 -0.9093 0.4188 -0.4122 0.4555 -0.5423 0.7517 1.1230 1.1336 2.4898 1.8734

Columns 1171 through 1185

-0.1839 -1.2870 -0.1222 -0.0434 -0.1008 -0.8183 -0.6756 -0.3953 -0.3148 -0.7091 0.8553 -1.6183 1.9735 -0.7792 -0.0121

Columns 1186 through 1200

-0.6899 0.2417 0.4537 -0.7501 -1.4766 0.0109 0.0973 0.4571 1.4375 -1.1037 -1.0599 -0.5217 2.2279 -0.6486 0.1462

Columns 1201 through 1215

-1.0732 0.5908 1.1222 1.1761 0.5203 -0.3882 0.5894 -0.4814 -1.9931 0.7499 0.4583 -0.4575 -0.8017 -1.5564 -1.3205

Columns 1216 through 1230

1.2853 -0.2303 -0.2710 0.1626 0.8872 -0.0370 -0.2898 -0.6964 0.7270 -0.7613 0.7969 -0.1237 0.2846 0.6461 0.5084

Columns 1231 through 1245

0.3354 1.9057 1.5948 0.4269 0.4609 -0.5019 -0.8131 -0.2906 0.2307 0.5151 1.1419 -0.4009 -0.3873 -1.2001 0.1836

Columns 1246 through 1260

0.8631 0.6367 -1.8474 -1.0639 -1.2238 0.4549 0.0105 1.5133 -1.7485 -0.4812 1.0643 -0.0179 -0.0282 -0.0763 2.2515

Columns 1261 through 1275

-0.2900 0.5638 -0.4154 1.5145 -0.3917 -1.1581 1.2690 -0.4063 -0.0413 -0.8429 -0.4107 -1.2391 -0.5507 -0.4818 0.5860

Columns 1276 through 1290

-0.1175 0.3477 0.9461 -1.2906 -0.0419 1.1354 -1.4023 0.5049 2.0448 1.0053 -0.0994 -0.5336 0.2089 0.2912 -0.7830

Columns 1291 through 1305

1.7050 0.8137 -0.1439 0.0005 -1.9041 1.6847 -1.0153 1.6626 -1.6328 0.6338 -0.0404 0.6830 -0.1482 -0.7826 0.5672

Columns 1306 through 1320

1.2121 1.5661 -0.7414 -1.7778 -0.1160 1.7905 0.5608 -0.0165 0.2010 -0.7305 -0.7716 0.6437 0.0173 2.4598 0.6452

Columns 1321 through 1335

1.6137 1.3072 -0.6767 0.3326 -0.4021 1.7571 -0.9871 0.1733 -1.1214 -1.3093 -0.1557 0.6368 -0.3017 -0.4921 1.7733

Columns 1336 through 1350

0.8418 -1.1136 0.5298 -0.3250 -0.1626 1.4945 -2.4371 0.3647 1.9806 -0.8002 0.7536 -0.6275 0.8805 -1.6125 -1.4176

Columns 1351 through 1365

-0.8779 1.0889 1.1216 -0.6592 -1.4331 0.7099 1.4475 -1.1686 -0.1615 0.6360 -0.2485 -0.3092 1.0955 0.5407 -1.7344

Columns 1366 through 1380

-0.5579 2.1828 -0.6422 0.9939 0.3355 0.2257 -0.8801 0.9310 -0.6259 2.4797 -0.7933 0.1177 -0.5359 0.1612 0.4803

Columns 1381 through 1395

-1.4215 0.0219 0.2645 -0.9288 1.0438 0.5981 1.0164 0.5953 -0.1195 -1.5360 -0.1884 -1.2255 0.2014 -0.5021 -0.0365

Columns 1396 through 1410

0.0543 2.2390 -0.6257 1.1072 -0.3602 -1.2547 1.1558 -1.7274 0.5117 -1.0157 0.2522 2.3279 2.1034 0.6041 0.5873

Columns 1411 through 1425

-0.2916 -0.3794 0.8738 -0.9449 -0.1716 2.2665 0.0829 -0.4495 -2.0830 -0.2398 -0.3960 -0.4192 -0.4694 0.0232 1.2651

Columns 1426 through 1440

-1.0955 0.1354 0.0027 -1.1750 1.6285 1.4950 0.7486 -0.2843 -1.0948 0.5591 0.6411 0.0557 -1.4001 1.7016 -1.4379

Columns 1441 through 1455

0.3780 -0.2855 -2.8302 0.1229 -0.9294 0.9690 0.6517 -1.6749 -0.4427 0.1652 0.2066 1.4310 -0.9822 0.0382 0.1483

Columns 1456 through 1470

-0.8860 1.1370 -1.3871 0.5823 -0.8732 0.4953 -0.9546 0.3069 -2.1276 -1.4890 -0.6582 0.1725 0.1457 -0.0404 -0.8847

Columns 1471 through 1485

-0.4864 -1.4975 -1.2686 -2.6585 0.1813 0.1403 0.2256 -1.2069 0.3197 0.3621 0.1825 2.4757 -0.9082 -0.1944 -1.3590

Columns 1486 through 1500

1.2363 1.6726 -1.5721 -0.1317 1.9700 0.1850 0.0558 0.6158 0.6817 -1.1075 0.2615 -0.5352 -1.4892 -1.1841 0.0393

Columns 1501 through 1515

-0.2975 -1.1276 0.5465 -0.8223 1.1631 0.8768 -0.3556 0.9086 0.2318 -0.1637 0.4296 -0.2632 -1.3504 0.8652 0.3612

Columns 1516 through 1530

-0.6454 0.2847 0.0385 -1.5417 -2.1605 -0.2002 -2.4753 0.2018 -1.4505 0.3044 -1.2601 -1.2251 1.2856 -0.0343 -1.1224

Columns 1531 through 1545

0.1754 -0.3916 -0.4540 -0.3241 -2.2449 -1.6496 -1.3523 0.5049 -0.0973 0.3231 -0.8192 -1.6932 0.3889 1.1326 -0.1558

Columns 1546 through 1560

1.1565 0.1860 1.2314 -0.7263 -0.6263 0.4644 1.2351 0.1516 1.1096 -0.0572 -1.7594 -1.2657 0.6849 0.7640 -0.0149

Columns 1561 through 1575

-0.2913 0.4879 -0.7543 -0.0181 -1.2979 0.3773 -1.5301 0.3579 1.4059 0.7218 -0.6266 -0.7827 -0.3361 2.5844 1.8654

Columns 1576 through 1590

0.3211 0.2156 0.3868 2.0212 0.3637 -0.3219 -1.5199 1.6283 -0.0571 0.3672 0.7806 -1.5662 0.9078 0.4035 1.8744

Columns 1591 through 1605

-0.5874 -0.7135 2.5545 0.3166 0.5067 0.7636 -1.1475 0.8613 1.1040 -1.0748 0.8945 -1.6170 0.3346 0.5163 -1.8823

Columns 1606 through 1620

-0.2525 -1.1990 0.5232 0.2478 0.0016 -0.3607 -0.7150 -0.8992 -0.1667 -0.6998 -2.1810 -1.2614 -0.5650 -1.3241 0.5209

Columns 1621 through 1635

-0.6019 0.6056 -0.7604 -0.2351 -0.2534 0.4324 -0.2669 0.9938 -2.5432 0.4902 1.9106 0.2893 0.0318 -0.1402 0.6078

Columns 1636 through 1650

0.1908 0.8713 1.1524 -1.3645 0.5765 -0.9529 -0.0335 -0.3967 0.3223 1.9817 0.2996 -1.0948 -0.1574 -1.4850 -0.4354

Columns 1651 through 1665

-0.6890 1.9856 -0.3985 0.3771 1.0068 -0.8085 -0.3621 -1.8338 -1.0643 0.5004 0.6924 -0.3648 -0.7725 0.1791 0.1575

Columns 1666 through 1680

-0.1825 0.8110 -0.8746 -0.1964 0.1002 2.4007 1.2243 -0.0010 -0.4157 -1.1279 0.3253 -0.8850 -0.1895 -2.9027 0.7509

Columns 1681 through 1695

-0.0942 0.1591 -0.2579 1.3618 -0.1277 0.5401 0.1640 0.2193 0.3246 -0.6633 1.1352 -2.2293 0.3037 -0.2950 0.3587

Columns 1696 through 1710

0.1342 -0.3639 -1.8605 -0.3630 -0.1553 -1.3864 -0.3333 0.0843 0.9140 -0.0979 -0.0839 -0.4551 1.8930 -1.2453 0.9775

Columns 1711 through 1725

-0.5189 0.3275 0.1315 0.1638 -0.7155 0.9515 -0.8760 -0.8882 0.3397 -1.2611 0.7929 -1.2112 -0.2663 -0.9505 0.0285

Columns 1726 through 1740

-1.1990 -0.2272 2.4087 -0.5846 -0.6013 3.2327 0.6456 -1.1734 -2.5007 -0.3844 1.1143 0.0281 -0.0036 0.6781 -0.4983

Columns 1741 through 1755

0.7802 0.2179 0.7231 0.4600 -0.9295 -0.0787 -0.5019 -1.9345 1.9326 0.6481 -0.0606 -0.5799 -0.5830 0.2001 -0.7219

Columns 1756 through 1770

-0.5914 0.8621 -0.3553 -1.5661 -0.0549 -0.5402 0.6368 0.4465 -1.2277 1.4362 0.5433 -1.3537 0.3018 -0.4300 0.9797

Columns 1771 through 1785

-0.6674 -1.6104 1.2086 -1.0795 -0.1637 -0.4606 0.0209 -2.6030 -1.7551 0.5704 0.2041 0.0273 -1.5563 0.6506 -1.9928

Columns 1786 through 1800

-0.7090 0.0623 0.1761 -0.1451 0.1130 1.0383 -1.3081 -0.9649 0.9298 0.1756 -0.9981 0.0722 -1.5467 0.8081 0.5557

Columns 1801 through 1815

-0.6888 0.3343 1.5955 -0.1191 0.3590 0.6727 0.9058 1.6423 1.1168 1.7514 0.7372 0.4511 -0.4216 0.6827 -1.9485

Columns 1816 through 1830

0.8740 -1.8671 -0.8091 -0.0716 -0.9964 -1.8522 0.7778 1.2624 -1.3705 0.7982 2.3803 1.3621 -1.0190 0.8979 1.3632

Columns 1831 through 1845

0.3990 -0.2225 -1.9776 -0.9596 -0.0223 -1.7821 0.7971 0.5938 -0.0133 0.2463 0.4552 -1.1908 0.8337 1.4665 -0.9194

Columns 1846 through 1860

0.7783 -0.2878 -0.2912 -0.3756 -0.6133 -0.1073 -1.3312 -0.5487 0.0494 1.5814 -0.4442 -0.9712 -0.6518 -1.7463 -0.7487

Columns 1861 through 1875

-0.7532 0.3804 0.6678 -0.3043 1.5939 -2.8301 -1.7061 0.2934 0.8969 0.7832 1.5087 0.8333 -0.8897 -1.7021 -0.0313

Columns 1876 through 1890

0.3920 -0.1581 -2.0439 0.1374 1.4162 -2.2375 -0.8040 1.2370 -1.8239 0.5800 -0.5423 0.2678 1.8290 0.7766 -0.1447

Columns 1891 through 1905

0.4249 -0.3714 -0.0662 0.0840 -0.5180 -0.0566 1.0130 0.6424 -0.4835 -1.3237 -0.4904 -1.0005 -0.8596 1.5137 0.0763

Columns 1906 through 1920

-2.0273 -1.8427 0.8040 0.2313 0.5394 1.6450 -0.5078 -0.2585 -0.8961 -1.3068 -0.9885 0.4295 0.9334 -0.5325 -1.4638

Columns 1921 through 1935

0.7013 -2.0659 -0.6855 -1.4177 -0.7716 -0.2539 1.7029 0.8693 -0.4481 0.0033 -1.4833 -0.2123 0.1285 -0.7439 -0.3515

Columns 1936 through 1950

0.7191 -1.4084 1.1434 1.8261 -0.6258 0.2487 -0.0233 -0.1933 -1.1131 -0.4440 0.6621 0.7542 -0.9395 0.1277 0.5379

Columns 1951 through 1965

1.3483 0.5032 -2.0437 -0.6629 -0.7148 -0.4417 -0.4542 1.0214 0.0818 1.9376 0.4238 -0.2438 0.8051 -0.5965 -0.5213

Columns 1966 through 1980

-0.1388 -1.3305 -0.4350 -0.9698 -0.8115 -0.5328 -1.6123 -0.5170 0.0045 1.5468 1.3917 -0.2606 -0.2007 1.2063 0.2584

Columns 1981 through 1995

-1.1546 -0.3827 -0.3310 -1.4047 -0.2633 1.6081 0.8096 1.2146 0.0863 0.0178 1.1140 -0.3448 0.3195 -0.7897 -1.9346

Columns 1996 through 2010

-0.5623 0.1832 0.9984 0.1352 -1.3136 0.7931 0.0106 -0.6587 -0.6493 -1.2360 0.2813 0.6392 0.3011 0.6937 0.1107

Columns 2011 through 2025

0.0796 -0.3584 1.6499 -1.1194 0.4872 1.2514 0.8130 1.0116 -0.0585 -0.5727 -0.0388 1.1580 0.7028 -0.5366 -2.1338

Columns 2026 through 2040

0.1402 1.8938 0.7697 1.7784 0.7732 -1.5896 -0.4471 0.2971 -0.8321 0.0565 -1.2812 0.4283 1.2898 -1.1259 0.3620

Columns 2041 through 2055

0.5831 -0.0523 -0.2348 -0.7714 -0.1654 -0.7163 0.3659 -1.5625 -1.8553 2.1147 -0.5471 -0.1100 -0.2484 -0.9856 1.6917

Columns 2056 through 2070

0.9613 -0.4439 0.6373 0.7664 -0.9356 1.5311 0.4182 1.0407 0.0546 0.5944 -1.5018 1.3952 -2.1509 -1.6035 0.0797

Columns 2071 through 2085

-0.9000 0.0854 0.8861 0.8403 0.4421 0.7272 0.8270 0.8437 0.7803 0.9486 0.6705 0.6783 0.1741 0.0154 0.0722

Columns 2086 through 2100

-0.2024 2.3586 2.5864 -0.6844 0.7746 -0.5246 -0.1269 0.7380 0.7305 1.3068 -1.7928 -1.8342 1.2129 -0.1915 0.6522

Columns 2101 through 2115

1.6135 -0.4189 -0.5108 -0.1406 -0.3615 1.6153 -0.9916 -1.1544 0.2332 -0.0361 -0.6512 -0.0922 1.5325 -0.1654 1.6990

Columns 2116 through 2130

-0.5372 1.4860 0.0602 1.4592 0.5576 1.6910 -0.2278 0.5535 0.8893 0.5352 -1.5706 -0.7680 1.1652 -1.4391 -3.5870

Columns 2131 through 2145

-0.8736 1.0721 -1.1083 0.9968 0.0386 0.3638 0.1835 -1.9196 -0.9063 -0.8783 0.2358 0.4204 0.5182 -1.4164 1.1746

Columns 2146 through 2160

0.3730 1.1644 0.2019 -0.7424 1.9703 2.8904 -1.4617 0.4274 -0.2725 0.2308 0.3797 -1.3085 0.4249 -0.1374 -0.3480

Columns 2161 through 2175

-1.6135 0.2631 -0.1448 -0.4895 0.4181 1.1379 -0.4007 -0.1490 -1.1642 0.5675 0.4650 0.1487 0.8176 -0.0186 0.9602

Columns 2176 through 2190

0.9320 1.6282 -0.0870 -0.9108 -1.4938 -0.4091 0.4528 0.2802 -1.4359 1.4014 -2.1159 0.3359 2.4267 0.0289 1.2232

Columns 2191 through 2205

0.1791 -0.6545 -0.3855 -0.4283 1.2318 -1.5972 -0.9778 0.7631 0.5617 0.6554 -1.1533 0.0545 -1.6295 -0.3743 1.2311

Columns 2206 through 2220

0.1676 -0.9036 -0.0965 -0.3089 -0.7941 1.2863 0.2841 -1.6332 1.4966 -0.6472 -0.1894 -0.1573 -1.4343 0.9654 1.8866

Columns 2221 through 2235

-0.6829 1.2197 0.5080 -0.5783 0.6239 -1.5921 -0.3963 -0.3068 -1.3437 0.0600 -0.2774 -1.1497 -0.6203 -1.0846 0.6326

Columns 2236 through 2250

1.0838 0.7452 1.1737 1.1631 -1.0453 -1.1151 -0.4991 2.8411 1.2135 0.5053 1.6552 0.0588 -0.3958 -0.2914 0.4075

Columns 2251 through 2265

0.7104 -0.3317 -0.1816 0.2496 -0.4355 -1.1842 -0.5541 0.9684 3.4918 -1.0544 1.6817 0.6487 0.4907 -1.0241 0.4173

Columns 2266 through 2280

-1.4696 1.3167 1.0446 0.7657 -0.0878 0.7260 0.5487 0.6151 -2.1957 0.4155 1.8186 -0.3118 -1.0876 0.7338 -0.7573

Columns 2281 through 2295

0.7213 -1.2750 -0.2008 -0.0484 -1.1350 0.3905 0.1611 1.6600 -0.7851 -1.8972 0.1003 0.1055 0.6867 0.4874 0.9836

Columns 2296 through 2310

0.5549 0.2056 0.6039 1.7071 -0.8104 -0.9512 -0.4857 1.4002 1.0818 -0.9625 -0.6118 2.5359 2.7246 -1.0837 2.1641

Columns 2311 through 2325

0.6255 0.4105 -0.9686 0.3720 -0.8928 0.9545 0.7248 0.1233 1.4965 -0.7841 -1.2726 -0.3485 -1.1034 -0.0994 0.1373

Columns 2326 through 2340

0.4062 0.8741 -0.5627 -0.9444 0.2762 0.8793 -0.5348 -0.2657 1.9053 -1.3861 0.4733 -0.7353 -0.6053 0.5075 0.1096

Columns 2341 through 2355

0.7399 -0.1758 -0.9587 -0.5778 -0.3840 0.4099 -0.8263 0.1747 1.3642 -1.3643 -0.4903 -0.6349 -1.2530 -0.6366 -0.6490

Columns 2356 through 2370

1.7731 -0.3141 0.1948 -0.0310 0.4621 1.4140 -1.1913 0.3732 0.5229 -0.6010 0.4841 0.3277 1.5379 -0.4083 -0.4649

Columns 2371 through 2385

2.2093 -0.4680 2.0523 1.0564 0.5521 -1.0233 0.9171 1.4298 -0.0967 -0.8364 0.2799 0.2911 2.1271 -1.5960 -0.4116

Columns 2386 through 2400

0.9633 0.5584 0.1870 1.5949 -0.6352 0.4683 -0.1396 0.6966 -1.0654 0.5015 0.7193 0.0780 0.3218 -0.4470 0.7473

Columns 2401 through 2415

0.6737 -3.2262 -0.1705 0.3561 -0.5345 -1.0718 -0.2009 1.8630 0.9158 0.4396 1.2903 0.3778 -0.4874 -1.2918 1.0195

Columns 2416 through 2430

-0.5733 -0.4520 0.5905 -0.5066 1.1814 1.5168 -0.1093 -1.7653 1.1715 0.0507 0.5584 -1.5200 0.3475 -0.7210 1.8775

Columns 2431 through 2445

0.9136 -1.1193 -1.2656 0.8887 -0.0618 0.3634 0.7752 -0.7240 0.8764 -1.0261 0.1983 -1.1637 1.1141 0.9617 1.1711

Columns 2446 through 2460

1.7249 0.2583 -1.4233 0.3175 1.9997 2.2072 0.4478 1.0928 0.0963 -1.0380 0.7532 0.1501 -0.7882 -0.1758 0.5468

Columns 2461 through 2475

-0.6154 2.5782 -0.6779 -0.4406 1.6659 -0.5616 -1.8815 1.3247 0.6564 1.4513 -0.5251 0.2018 -1.1795 0.9594 0.5772

Columns 2476 through 2490

-0.6842 -1.2291 0.9864 -1.0274 -0.0550 -0.4491 -0.3603 -2.1112 -0.7144 0.6798 0.8995 0.1906 1.4639 -0.7410 0.4390

Columns 2491 through 2505

0.3605 -0.4034 -1.9740 -0.4222 -0.3091 0.3211 0.1618 1.3840 1.8939 -2.4807 -1.0017 -0.5356 -0.5093 -0.5437 0.7156

Columns 2506 through 2520

2.3507 0.4227 -0.1248 -0.7989 1.2424 -0.6437 -0.5953 -0.4113 0.2215 -0.9005 -2.1767 0.8689 -2.3307 -0.4037 0.1035

Columns 2521 through 2535

-1.8080 0.9064 0.0166 -1.5746 1.5347 -0.5088 -0.0237 0.1964 2.0473 0.3496 0.3477 -1.8778 0.0540 0.1203 0.9783

Columns 2536 through 2550

-1.6597 0.0060 0.3555 -1.1781 -0.6843 -0.2556 0.7778 -2.1757 1.8177 -2.0458 -0.1648 -0.7217 -0.5470 0.5022 0.8267

Columns 2551 through 2565

-0.8309 -0.2968 1.7360 -2.3391 1.3989 -2.0023 0.8956 0.1545 -1.5905 0.5921 -2.2513 -1.1351 1.4436 -1.9263 0.8189

Columns 2566 through 2580

-0.8083 -0.8202 0.9522 -0.8033 -0.1833 0.0925 -0.0258 0.4626 -0.0574 -0.8221 1.3213 -1.0558 -0.6542 -0.8947 2.2167

Columns 2581 through 2595

-0.0026 -0.9493 0.6176 -0.0129 0.0039 -0.0654 0.4004 -0.3425 0.1690 0.1459 0.1297 0.0478 0.6988 1.0442 0.9243

Columns 2596 through 2610

-0.3219 0.4704 -0.8676 0.0266 0.3632 -1.5462 0.5584 -1.6263 -1.4443 -1.3771 0.3474 0.5456 0.3859 -0.9351 -0.2840

Columns 2611 through 2625

0.4672 1.1849 0.4968 -0.1205 -0.6811 -1.9184 0.4569 -1.6724 -0.2907 0.4188 1.6655 -0.2729 -0.5616 0.6656 -0.3775

Columns 2626 through 2640

0.6139 -0.5610 1.4686 0.4368 0.0379 1.5183 0.3658 0.8306 0.8046 -0.2627 0.4541 -0.6040 -0.9854 0.9325 -1.8159

Columns 2641 through 2655

0.6244 0.4839 0.3540 -0.2656 0.6688 -0.0778 0.4253 -0.0833 -0.1559 -0.3974 -0.2218 0.3799 0.3446 0.6466 1.2534

Columns 2656 through 2670

-0.4061 0.1631 0.3522 -1.4872 0.0966 -0.0588 -0.8741 1.8049 -2.3147 -0.1893 1.5152 -1.7165 -0.5100 -0.1446 -0.2722

Columns 2671 through 2685

1.0448 -0.9127 0.1531 0.1195 0.1176 2.7916 -0.5351 1.4899 -0.1382 0.8197 2.1933 -0.2923 0.5095 -1.4025 1.9048

Columns 2686 through 2700

2.0491 -1.7894 0.5133 1.1949 1.3316 0.6430 -0.1671 0.3447 -0.9439 0.2576 0.6777 -0.3149 -0.0058 -0.1537 -0.4602

Columns 2701 through 2715

0.5686 -1.5169 -1.4912 -1.9049 0.0668 -1.1548 -0.4573 1.3070 -1.0849 -0.6038 -1.0813 -0.7508 0.2128 1.9760 0.0884

Columns 2716 through 2730

-1.1392 -0.3259 0.1162 0.1245 -1.1910 -0.8500 -0.0626 0.3622 -0.6782 1.3099 -1.1328 0.5377 -0.8635 2.5937 0.2703

Columns 2731 through 2745

0.7275 -0.1972 -0.6844 -0.5511 0.7972 -0.6210 -0.3081 1.5977 0.7900 -0.2450 -1.2533 -0.7467 0.5234 -0.5143 1.3916

Columns 2746 through 2760

-0.8432 0.5877 0.3857 0.7160 0.5856 2.1907 -2.2337 -1.2003 -0.5461 -0.3171 0.9248 1.1102 -0.3121 -1.4513 0.7759

Columns 2761 through 2775

1.5158 -0.1573 -0.0499 0.2495 1.7168 0.0200 0.7912 -1.4352 0.6856 0.1548 -0.5123 0.1291 0.2481 -0.0797 -0.7483

Columns 2776 through 2790

-0.0066 0.2995 1.6079 -0.8810 -0.2212 0.8436 0.0205 -1.0013 1.5334 1.5658 -1.6657 -0.1977 -1.8755 1.9694 -1.0320

Columns 2791 through 2805

0.2337 0.0571 1.0553 -0.8672 0.8612 0.2825 -0.6677 -2.1642 -1.8264 -0.0762 1.2937 1.6897 0.1077 1.1067 -0.3266

Columns 2806 through 2820

-0.8443 0.6821 0.3401 -0.5408 -0.1779 -0.7930 2.4064 -1.0952 -0.0811 0.1855 0.1922 -0.1560 -0.9392 1.2588 -1.0846

Columns 2821 through 2835

-1.6071 -1.7309 1.3667 -0.3709 0.2504 -1.4760 -1.2951 2.2422 -0.2873 -1.2411 0.7468 1.4533 -1.6167 1.3981 0.0511

Columns 2836 through 2850

0.2784 -0.0533 -0.1332 1.2803 -0.5341 1.2486 0.1084 -0.5222 0.7062 -0.1809 -0.6341 -1.0650 1.0493 0.6819 1.1806

Columns 2851 through 2865

1.2084 0.4612 -0.5160 -2.3180 -1.6250 1.3144 -0.7684 1.7368 -2.2067 1.4924 -0.9724 0.3862 -0.5737 -0.9170 1.3371

Columns 2866 through 2880

-0.3543 -0.7228 0.0098 0.1371 -2.0198 -1.5771 1.3353 0.2255 1.3270 -0.7111 1.1169 0.2868 0.9337 1.3312 0.0588

Columns 2881 through 2895

1.1477 0.5700 0.4771 0.2041 -0.1562 -0.9399 0.5727 1.0114 -0.2527 -2.9150 -0.8521 -1.7540 -0.1463 1.7971 -1.1747

Columns 2896 through 2910

0.8380 0.4731 0.4900 -0.7870 -0.2048 0.4089 -0.2328 -0.0820 -0.5996 1.3256 0.5111 -0.4132 -0.0062 2.2318 -1.1548

Columns 2911 through 2925

0.2202 -1.0708 -1.3351 0.1012 0.6273 0.0896 0.0782 -0.2313 -0.0574 0.4920 0.7558 -1.9412 0.1843 -0.6877 0.5111

Columns 2926 through 2940

1.4212 -0.0050 -0.2499 0.5530 -1.6169 0.3341 0.8037 -0.7370 -0.4751 -0.6225 0.2559 1.4277 0.3337 -0.3262 -0.7346

Columns 2941 through 2955

-0.9170 -0.0297 -0.1576 1.4912 -0.0070 0.0942 -0.7256 0.3995 0.2014 -1.5428 -0.6458 1.0887 -1.8996 -0.6340 -0.6814

Columns 2956 through 2970

0.8105 -1.3184 0.6155 -1.0321 -0.4512 -2.7416 1.1954 -0.9690 -1.3404 0.0299 -1.3183 -0.9625 0.1785 -0.1728 -1.9761

Columns 2971 through 2985

1.3293 0.1155 -1.3136 -2.4127 -0.4831 0.9391 -0.5278 0.6082 1.7115 0.2725 0.2256 0.4136 1.0400 0.9050 1.2115

Columns 2986 through 3000

-0.0966 -1.0940 0.8287 -2.0694 -0.7679 0.7221 0.0311 2.0971 -0.1179 1.6179 -0.3419 -0.4170 1.1345 -0.5207 -1.7723

Columns 3001 through 3015

2.7768 1.7026 0.9383 0.4419 -1.4169 -0.1051 0.4567 -1.0587 0.8349 -1.7455 0.1589 0.1851 2.0297 0.5714 0.2613

Columns 3016 through 3030

-1.1761 0.2533 -0.2803 -0.1646 -0.8828 0.9307 1.3193 0.5031 2.6367 -0.6169 0.5575 -0.8217 -0.8877 -0.9027 -1.5829

Columns 3031 through 3045

-0.4626 -1.0465 -0.5217 0.0181 0.1512 -0.3935 -1.1312 0.5367 1.2882 -1.1788 0.9665 -0.2326 0.9456 1.4132 0.6329

Columns 3046 through 3060

-0.7784 -0.8099 -0.3002 0.9846 -1.1209 -0.4580 0.9209 -0.0424 -0.3764 1.3894 0.2371 -0.4584 3.1072 0.6354 1.6256

Columns 3061 through 3075

-0.4048 0.0171 -0.5014 0.5377 -0.6676 -0.7416 -0.7867 -0.3316 -1.8746 -0.2120 0.8055 0.5254 0.2658 -0.4497 0.5916

Columns 3076 through 3090

0.0696 0.5663 0.6167 -0.1627 1.2298 -0.4771 0.5971 -0.2579 1.0642 -1.5134 -0.2390 1.1448 -0.2420 -0.8321 -1.1170

Columns 3091 through 3105

-0.7644 0.8291 1.0756 0.5530 1.0976 0.5934 -0.4436 1.1201 -0.6909 0.0742 -0.2208 0.0526 1.1052 -0.0614 -1.4509

Columns 3106 through 3120

-0.1694 1.7352 2.3797 -1.6887 0.8178 0.5262 1.7110 0.5885 -1.2925 0.4693 -1.5936 0.0490 -0.1171 2.2311 0.3615

Columns 3121 through 3135

0.8889 0.5582 -0.2653 -0.6817 -0.1440 0.4186 1.1270 -0.7844 -0.7416 -1.1067 -0.2543 0.9864 0.1058 -0.8122 0.8961

Columns 3136 through 3150

-1.1748 -0.1510 -0.3778 -0.1185 -1.0067 -1.1807 0.0544 1.4464 -1.2298 2.5405 0.4612 -1.1365 -1.8315 0.3531 -2.9414

Columns 3151 through 3165

-0.1165 -0.0280 0.5839 0.1665 -0.6816 -0.4771 -1.2225 1.3587 -0.8504 0.7454 0.6055 1.7826 0.3400 -0.5337 -1.1463

Columns 3166 through 3180

0.7620 1.5436 -1.8317 0.6228 1.1246 -0.7792 -0.0927 0.2234 -1.3451 -0.3363 0.0886 -0.1240 -0.0729 0.4053 -0.1653

Columns 3181 through 3195

1.1024 -1.1193 1.1150 0.3383 -0.1347 0.6434 -0.2161 1.7066 -0.8009 -0.9269 0.7557 -0.4700 1.5631 0.6471 -0.4842

Columns 3196 through 3210

-0.8035 -2.1019 -0.8644 -1.1612 -1.0337 0.2230 -2.6673 -1.1673 0.2271 1.0402 -0.7536 0.1041 0.0369 1.8050 1.5695

Columns 3211 through 3225

-0.7973 -0.5399 -0.1857 -2.0173 -0.3807 3.0704 -0.6639 -1.4756 -1.9449 0.1601 1.7460 1.0512 0.5089 -0.1850 -1.4982

Columns 3226 through 3240

-1.4730 0.2634 0.4475 -1.6492 0.3509 0.2384 -0.4534 0.8194 1.4474 1.5073 0.6697 -0.0143 -0.2079 -0.0371 -0.1856

Columns 3241 through 3255

1.2120 -1.5916 -1.8943 -1.1965 -0.0428 -1.1360 -0.6398 -0.9020 -0.1067 0.7776 0.6163 -0.0110 1.7583 0.7907 -1.2534

Columns 3256 through 3270

-3.3769 -0.2857 -0.3816 0.2742 -1.8708 1.4710 -1.4828 -0.1601 -0.8444 -1.0165 1.4585 0.5566 0.6084 0.0136 0.1690

Columns 3271 through 3285

-0.8508 -0.1071 2.1130 1.3885 0.0920 1.0866 -0.1245 0.4876 0.3215 0.1371 1.0812 -0.1365 0.3285 0.5893 0.9904

Columns 3286 through 3300

-0.5814 1.2011 -0.6029 2.2879 -0.9588 -1.0195 0.8684 0.8562 -1.2128 1.9196 0.0877 1.6368 -0.0307 1.0898 -0.6018

Columns 3301 through 3315

-1.1388 0.5513 -0.1555 0.4110 -2.0454 -2.0152 -0.2613 -0.5275 -1.5531 -0.8179 1.1689 -0.4135 0.0721 -0.1237 -1.1303

Columns 3316 through 3330

-1.5844 -1.3986 -0.3827 0.6175 0.4915 1.0917 1.4978 -1.1903 -0.1907 -0.6796 0.3423 0.9901 -1.8416 0.2310 1.4159

Columns 3331 through 3345

1.7369 -0.2874 2.1168 0.8961 -0.2290 1.2541 0.3091 -1.3500 -0.2160 0.5560 -0.3525 -0.1302 1.0261 -0.8662 -1.3725

Columns 3346 through 3360

0.2206 1.0277 0.1154 -0.7147 0.8571 0.2174 -1.4004 0.9482 -1.3976 -1.2332 -0.2510 -2.0088 0.7309 -0.6486 2.4840

Columns 3361 through 3375

-1.1717 0.1241 -0.2379 -0.0042 -0.6206 -2.7296 -0.4887 -2.0770 0.1295 0.1923 -1.5462 2.3346 -0.3372 -0.6766 -0.1215

Columns 3376 through 3390

-0.5132 0.2901 1.2186 -0.9837 0.3820 0.8894 0.9493 -0.3342 0.5821 -1.1122 0.4347 -0.1388 0.1880 -2.4945 -0.9307

Columns 3391 through 3405

0.0444 0.1266 0.1631 -0.7236 -0.0466 1.0959 0.0214 0.1858 -1.2276 -1.4955 0.7650 -1.5989 0.5420 1.1199 -0.3769

Columns 3406 through 3420

-1.1963 -0.5948 0.1403 -0.1253 0.9776 -1.1193 0.8081 1.5082 1.5387 0.4489 -0.6083 0.7918 0.4845 -1.8246 -0.2360

Columns 3421 through 3435

0.3336 -0.1673 0.8278 -1.1754 -0.6465 -1.2785 -1.4343 -0.2631 -0.2655 0.9010 0.5159 0.4077 0.7433 0.9288 -1.0455

Columns 3436 through 3450

1.8688 2.9524 0.4870 -0.2477 -0.3569 0.0518 -1.2312 1.2497 -0.4120 0.7737 0.3199 1.3759 0.0768 -0.4263 -1.0433

Columns 3451 through 3465

0.1315 0.7885 0.2811 0.2606 2.4069 0.5319 0.8108 -0.6324 1.6163 -0.3100 -0.5298 -0.1494 0.6101 0.0156 -1.8497

Columns 3466 through 3480

0.3701 -0.1005 -0.4528 0.4709 -1.3820 -1.0812 0.1679 1.3554 -0.3868 -0.9647 -1.2481 -0.7203 -0.4580 0.1325 -1.6455

Columns 3481 through 3495

0.9112 -0.0141 -0.7604 0.5028 -0.0669 0.6148 -2.1002 -0.4614 1.3937 0.1633 -1.0672 0.1642 1.1562 -0.2129 -1.0380

Columns 3496 through 3510

-0.0915 -0.3515 0.3084 -0.1393 1.8851 0.8834 0.1194 -0.7249 -1.9525 -1.8324 -0.4016 -0.3212 0.4737 1.4421 -0.9107

Columns 3511 through 3525

1.2757 -0.0503 2.3775 1.1138 -0.0777 -0.5896 -0.0117 0.1404 1.2678 1.7110 2.0139 -0.2475 0.8633 0.0349 0.2529

Columns 3526 through 3540

-0.0753 -0.1487 -1.0062 -0.3976 -0.2033 -0.6837 -0.1180 -0.7049 1.7839 0.6397 -1.5208 0.3447 -1.8919 -0.3004 -0.0864

Columns 3541 through 3555

0.3704 -1.0992 0.9883 0.2832 0.3363 -1.4498 -0.0932 -0.4660 1.2231 1.4190 -0.0686 0.0175 -1.3762 0.8016 0.1305

Columns 3556 through 3570

2.3016 -0.3873 -1.6580 -0.3108 1.0137 -1.9175 1.4817 -0.2897 -0.2602 -1.7463 0.1386 -1.0239 0.7030 3.4203 0.7484

Columns 3571 through 3585

0.2689 0.5056 0.1978 -0.0853 -0.1167 0.6344 -2.0418 -0.8119 -1.2052 0.6511 -0.6429 -1.2389 1.6208 -1.3683 0.7479

Columns 3586 through 3600

1.2845 -1.2295 0.2109 0.3636 0.8367 0.3077 1.4342 0.7757 0.2043 0.5603 0.9367 -0.6593 -1.4869 -0.0904 -1.0835

Columns 3601 through 3615

-0.2027 0.4807 0.4958 -0.0020 1.4151 -0.4111 -0.6537 0.9335 -0.9420 -0.1930 -0.1206 0.2971 -0.0801 -0.4494 0.2956

Columns 3616 through 3630

-0.6343 -0.8610 -0.1331 1.1184 -0.4416 2.1232 -0.3262 -1.1249 -0.1518 0.3155 -2.1387 -0.7525 1.6231 -0.2650 -0.6406

Columns 3631 through 3645

0.5273 0.5615 1.0385 0.2029 -0.0624 -1.0033 -1.6511 -1.4113 1.0263 0.4314 0.0676 0.4433 -1.0306 0.5362 0.1048

Columns 3646 through 3660

0.0307 -1.9964 1.3889 -0.3097 -1.6920 0.1053 -0.6409 -0.9061 -1.3420 1.2252 0.9006 1.0478 -0.0592 0.5093 -0.2600

Columns 3661 through 3675

0.8240 0.7856 0.5446 -0.1021 -0.1800 -2.8243 -1.5660 -1.2538 0.5174 0.4634 -0.9213 -1.9928 0.1267 0.4061 1.4827

Columns 3676 through 3690

-2.6256 -1.2740 1.4371 1.9039 0.6789 -0.3013 1.3542 -0.2428 -1.1516 -1.0707 1.8359 -0.8740 0.4246 -1.1627 0.1380

Columns 3691 through 3705

0.0350 -0.2401 -0.8330 0.9201 -0.3469 -1.5048 0.2456 -0.6138 -0.3903 0.0280 0.8628 1.2714 1.9102 -1.2703 -0.5942

Columns 3706 through 3720

-1.6386 -0.3994 -0.7470 -1.3276 0.1666 0.0927 -0.6574 -0.8348 -0.2952 -1.5066 -0.1868 0.1329 -1.1161 1.2946 -0.3273

Columns 3721 through 3735

1.0334 0.8994 -0.2910 -1.0547 1.1132 0.3385 -1.2511 -0.6044 -2.5713 -0.8597 -1.0838 2.1985 -0.6599 1.0340 0.8109

Columns 3736 through 3750

-0.5578 -0.5941 -0.2240 0.7041 0.1476 -1.2492 0.7828 1.0305 -0.9868 -1.2611 0.9547 -0.2980 -1.0391 -0.1076 1.2867

Columns 3751 through 3765

0.0150 0.4517 0.3885 -1.2865 -0.5923 0.5948 0.6389 0.8594 -1.2960 -0.4427 -0.7307 -0.0691 -1.2949 -1.3969 1.3781

Columns 3766 through 3780

-0.1404 0.9409 2.3257 -0.5133 -0.0867 1.8664 -1.9813 0.4654 -0.4270 0.8471 -0.5813 0.3132 -0.6422 0.4371 -0.1118

Columns 3781 through 3795

0.0481 2.3846 1.4019 -0.0254 0.5172 -0.5049 -0.2312 -0.6394 0.4595 0.5060 0.0299 -0.1260 -0.1401 -0.0862 1.6579

Columns 3796 through 3810

2.6544 -0.7945 0.5484 2.1750 -0.9407 1.0608 0.5279 0.1624 1.1012 -1.4441 -0.7789 0.4299 0.2006 0.8302 -1.8465

Columns 3811 through 3825

-1.2076 -1.6041 -1.7395 0.2295 1.2780 -1.9613 -1.3127 0.0698 0.0935 1.2494 1.9277 -0.2406 -0.5860 -0.1524 0.5397

Columns 3826 through 3840

-0.2442 -0.0260 -0.7522 -0.9680 -0.5146 0.3146 0.2150 -0.8233 0.8283 -1.2549 -0.0028 -1.6368 -0.0669 2.2021 -0.9262

Columns 3841 through 3855

-0.1068 0.8538 -0.2005 -0.5858 1.3681 0.1508 2.4188 1.9277 -0.9894 0.5956 1.5369 0.3654 -0.0981 -0.5699 -1.2633

Columns 3856 through 3870

-1.0885 0.4787 -0.5066 -0.6241 -0.0913 -0.6688 0.0215 1.6819 -0.1135 0.9923 -2.1188 -1.4929 0.4965 0.6576 -0.9367

Columns 3871 through 3885

1.0125 -0.7530 -0.1989 0.5817 -0.0578 -1.1698 1.6670 2.4451 0.4424 -2.0752 0.9456 0.7481 -0.2458 -1.4939 -0.8136

Columns 3886 through 3900

-0.6473 -0.4693 -0.8116 -0.3395 -0.8973 -2.4120 -1.5080 -1.5019 1.2649 0.2133 0.4567 1.3242 0.8261 0.1700 -0.0274

Columns 3901 through 3915

-0.7203 0.4436 -0.1248 -0.8728 -1.5997 1.2093 0.5965 0.4754 -0.0974 -0.2299 0.8797 0.4943 -1.1324 0.5050 1.9766

Columns 3916 through 3930

0.4002 -0.3515 -0.6873 0.9655 1.7204 -0.6759 0.8175 -0.4867 -0.6787 0.3161 -1.0064 -0.0021 0.2161 -2.7402 -0.5198

Columns 3931 through 3945

0.8274 -0.0628 0.1347 1.6814 0.4854 1.2775 0.7688 0.0587 -1.1120 -1.2524 1.4787 -0.4194 -0.4664 0.4891 0.1042

Columns 3946 through 3960

-0.4311 1.6649 -1.8893 -0.5610 -0.9460 0.4664 2.0200 1.8864 -0.2663 -0.4758 1.2454 -1.5882 -0.2266 -0.1370 -0.2181

Columns 3961 through 3975

-1.4857 -0.9368 0.9545 -0.4744 -0.5751 -0.8568 -1.0039 0.2479 -0.2376 0.0718 0.7620 2.2707 -1.7259 -1.0742 2.8273

Columns 3976 through 3990

2.4895 -0.6927 0.5250 -0.9522 1.3523 0.4378 0.6298 0.2279 0.5703 0.2852 0.2154 1.6724 -1.7388 -0.9486 1.6804

Columns 3991 through 4005

-0.0969 0.1823 -1.0250 2.5727 1.2850 0.0177 0.1489 -1.9958 0.9134 0.4099 -0.5432 0.4698 0.8462 -2.2248 0.0883

Columns 4006 through 4020

0.2854 1.0138 0.1826 -1.0037 -0.4522 0.2622 -0.4686 0.5015 1.0653 1.9598 1.1337 0.2851 -1.4157 2.1891 0.4411

Columns 4021 through 4035

2.6628 3.2639 -1.2375 1.4058 1.3970 -0.8118 0.0402 0.3652 -0.9801 0.7727 -1.0959 -0.8657 0.1463 1.0610 0.3597

Columns 4036 through 4050

-1.5590 -0.6585 0.6246 0.3980 -1.4184 1.5248 -0.9677 -0.4421 -0.0212 3.2982 0.1350 0.3184 -0.4873 0.7368 -0.4657

Columns 4051 through 4065

0.8756 -0.1362 -0.9482 -0.9732 1.2770 -0.1278 1.3609 1.8297 0.1241 0.0326 0.5932 -0.2084 -0.5273 0.4773 -2.3115

Columns 4066 through 4080

-1.3531 0.7105 0.3830 1.8279 0.5822 0.1556 1.4996 -0.4239 0.3468 0.6528 -1.1521 1.3333 -0.0507 -0.4317 -0.0374

Columns 4081 through 4095

1.1351 0.9067 0.5558 0.0370 -1.1987 0.4651 -0.9441 1.4982 0.1366 0.6198 0.7496 -0.5403 0.7153 0.0637 -0.9223

Columns 4096 through 4110

-1.0282 0.0412 -1.6622 -0.0994 -0.0382 0.7600 -0.1508 -0.1473 -0.1662 0.8543 1.6473 0.7284 1.0155 0.8378 -0.5459

Columns 4111 through 4125

0.5488 0.9449 0.8407 1.2571 0.9121 1.0163 -0.4267 -0.7997 0.7465 0.0080 0.6963 1.0981 0.2511 0.3954 -1.1489

Columns 4126 through 4140

1.1091 -0.8220 -0.3569 1.5774 0.4002 -1.5734 1.5534 0.1823 -0.1445 0.7531 0.0377 1.3283 0.3790 0.6824 -1.4209

Columns 4141 through 4155

0.1211 -0.9928 -0.4014 -0.1267 -1.2875 -0.5365 1.5595 0.7601 1.0645 0.5858 -0.4813 0.5001 1.9858 -1.9199 -0.2286

Columns 4156 through 4170

-1.0198 0.2533 -0.2923 1.5505 -0.4688 0.7112 -0.0656 -0.3966 0.5731 -0.4618 0.8564 0.5344 0.2327 0.4744 1.4510

Columns 4171 through 4185

-0.6181 -1.3734 -0.4492 -0.8759 0.4134 2.4316 -0.8886 0.2884 -0.2680 -0.1374 0.9944 1.1052 1.2733 -0.3817 0.9909

Columns 4186 through 4200

-1.2653 -1.3150 1.2240 0.4152 0.7227 0.2650 -0.7827 -0.8482 -0.6045 1.6839 1.2370 -0.0846 1.4741 -0.6100 -1.2667

Columns 4201 through 4215

-0.9334 0.7331 -0.5776 0.0789 0.4488 0.0804 1.5904 0.0504 1.6194 1.3212 0.6513 1.7368 2.2242 -1.4112 0.6470

Columns 4216 through 4230

-0.8775 -1.5589 2.0974 0.2920 0.2957 1.9450 0.8008 0.7278 -0.0858 1.3504 0.1649 -0.1963 -0.9021 0.3826 1.4512

Columns 4231 through 4245

-1.1542 0.5842 -0.0649 -1.1369 1.1384 0.0634 0.1020 0.6519 -0.1591 -1.1878 -0.8993 0.9786 0.0706 0.9122 0.3394

Columns 4246 through 4260

2.0318 -1.4458 0.3781 -1.3727 1.5306 0.4429 -0.8549 0.7329 0.0764 -1.2908 0.6446 0.1045 -1.3932 -2.0243 -0.9015

Columns 4261 through 4275

0.8673 -0.9777 1.1130 -0.5445 1.0680 -0.2649 1.6366 1.4128 -2.0701 0.2603 0.5832 -0.8962 0.0713 1.2516 -0.3900

Columns 4276 through 4290

1.8393 -0.1478 0.9258 -2.2044 0.0352 0.4389 -0.9646 -0.0028 1.2356 -0.1816 -0.0355 1.0137 -0.6621 0.0641 0.3154

Columns 4291 through 4305

0.4681 0.1402 0.3235 -0.4710 -0.1455 -0.5599 1.8004 0.8667 -0.2275 -0.6242 0.0261 2.2953 -0.1853 0.5838 -0.3872

Columns 4306 through 4320

0.3530 -0.3795 -1.0614 0.0861 -0.2697 0.5893 1.5463 0.0677 -1.4231 -1.9142 0.3667 0.4499 0.7047 0.5912 -0.9575

Columns 4321 through 4335

-0.2283 -0.5766 -0.1377 -1.9083 1.4075 -0.7978 -1.0143 -1.3555 -0.1977 -0.2226 0.8548 -1.6963 1.2296 -1.0328 0.0363

Columns 4336 through 4350

-1.0457 -0.9216 0.9786 -1.6527 -1.1765 2.3334 0.0551 -2.0705 1.1775 -0.3924 -0.6600 -0.5629 -0.7024 1.2594 0.8845

Columns 4351 through 4365

-0.1548 1.0457 0.0545 -0.9603 1.0864 -0.8368 -0.4921 -0.2198 0.8738 -1.1798 -2.1174 0.2812 -0.3644 0.7781 1.1197

Columns 4366 through 4380

-1.1180 -0.1773 0.9870 -1.2789 -1.1733 0.7585 1.3362 0.2497 0.7184 0.1777 0.4378 0.1317 -2.3461 0.9025 0.7725

Columns 4381 through 4395

1.0982 0.8730 0.3983 -1.2934 -2.0647 -1.1401 1.0496 0.3964 -0.5129 0.7302 -1.7653 -0.1990 -0.2807 -0.2867 -1.8967

Columns 4396 through 4410

-0.0127 -0.1053 0.2305 -0.2752 0.7470 0.0744 -0.7219 -0.0624 1.6989 0.7650 1.2604 1.5708 0.7024 1.3583 0.5984

Columns 4411 through 4425

-2.2046 -1.0621 0.5053 -0.4462 0.7413 0.8374 -0.0821 -1.4030 1.9177 1.1277 -0.1579 1.4886 -0.3422 -0.1196 -1.8100

Columns 4426 through 4440

-0.8805 -0.9147 -0.5198 -0.9647 -0.7130 -1.6032 -0.8432 -0.7803 -2.1804 0.7542 -0.7053 0.1244 0.3375 -1.3909 -0.3251

Columns 4441 through 4455

0.2290 1.2673 -1.3310 0.2230 0.2663 1.1958 0.4539 -0.1454 0.7186 -0.2731 0.4270 -1.4081 -0.4428 0.6563 1.2853

Columns 4456 through 4470

0.2717 -0.3343 -0.0117 0.4471 -0.1506 0.3611 -0.6917 -0.1962 -0.4294 1.2312 0.9518 -0.3602 -1.3222 0.5495 -0.5293

Columns 4471 through 4485

-0.2743 0.7810 0.0498 0.0706 0.4739 1.0785 0.8918 -0.0276 1.7601 -1.0031 -0.4541 0.5079 0.3297 -0.7681 -0.6522

Columns 4486 through 4500

0.1746 0.2526 -1.5739 -0.9716 0.9839 -0.8823 0.8683 0.6031 0.7378 -0.0315 1.3504 -1.2418 -0.0466 0.4023 0.8787

Columns 4501 through 4515

0.5387 -1.4244 -0.0881 -0.4384 -1.7070 -0.9048 0.8300 -0.9544 0.1397 2.6682 -0.6596 -1.6737 0.5806 -2.1036 0.5983

Columns 4516 through 4530

1.0187 -1.1597 -1.1846 0.5798 -0.1179 0.8851 -0.0825 -1.7349 -1.3933 -0.1639 -0.1390 -0.7094 1.1652 1.5960 -0.2857

Columns 4531 through 4545

-1.1436 -1.0072 -0.0619 1.5185 0.5353 1.1800 -1.3292 0.1340 -0.0652 0.8661 0.7642 1.1896 -0.5145 1.8788 0.3083

Columns 4546 through 4560

-0.1438 1.5585 -0.6854 1.2941 -0.9262 0.7330 0.3104 -0.8342 -1.7046 0.3777 1.6348 0.7837 1.0283 0.7083 0.5867

Columns 4561 through 4575

0.2345 -1.2198 0.0797 -2.4273 0.0317 0.3928 2.0852 -1.5511 0.3715 -1.2190 -1.2655 1.3375 0.6635 0.4653 -0.7452

Columns 4576 through 4590

0.0020 -0.2363 1.1120 0.5941 -0.3802 0.2955 -0.4475 0.2849 -0.8043 0.6042 -0.5427 0.3931 -0.2173 -1.4634 -0.5009

Columns 4591 through 4605

2.5789 -0.6582 0.8084 -1.4039 -0.6008 -0.4194 -1.7666 -0.8010 0.0106 -1.1992 0.8047 -0.1321 0.3109 -0.5308 1.7271

Columns 4606 through 4620

1.2497 -0.9503 -0.9943 -1.2583 1.4407 0.2478 -0.6482 -0.3661 0.4561 0.1425 -1.4189 -0.2414 0.6816 0.5810 -0.9190

Columns 4621 through 4635

-1.1167 -0.8125 -0.1719 -0.1613 -0.3156 -0.6220 -2.7221 -0.8661 0.2642 -0.4463 -0.4650 -0.5717 0.8454 -0.9736 -0.8642

Columns 4636 through 4650

-0.7952 0.7694 1.0824 -0.3398 -0.3845 1.7236 -0.1307 1.8131 1.1120 0.4830 0.8487 0.4904 1.4850 0.7546 0.1118

Columns 4651 through 4665

-0.0443 -0.5877 -0.0415 -0.0638 0.3624 -1.0474 -2.2349 2.8083 -0.4888 1.4343 0.4806 0.1066 1.2322 0.3443 -0.1187

Columns 4666 through 4680

-1.9053 -0.2643 -1.7313 0.2868 1.4559 1.0219 0.9232 -0.6248 -0.2605 -1.2814 -0.2609 0.5383 -2.1381 -1.2014 -0.8429

Columns 4681 through 4695

-1.3626 0.7487 0.4788 -1.5737 1.7154 -2.2545 -2.3837 -0.2743 0.2509 -0.2806 -0.2520 0.2622 -0.5271 0.6097 1.2062

Columns 4696 through 4710

1.2474 1.8442 -0.7811 0.8459 1.2867 0.1659 -0.0316 1.0848 -0.7977 0.9693 3.3955 -1.4464 0.8675 -0.6537 -0.0570

Columns 4711 through 4725

2.2879 -1.7851 0.7005 1.2439 -1.8488 -0.0160 -0.8438 0.6846 1.0515 0.7471 -0.7055 -1.5077 -0.6499 1.0363 0.5712

Columns 4726 through 4740

1.5399 -0.1811 -0.7718 -0.5649 -0.8453 0.0604 0.0450 0.6902 -0.4803 0.6940 0.1307 -0.0429 -0.7585 0.6146 2.0810

Columns 4741 through 4755

-0.5251 0.0416 -0.6462 -0.1812 -0.1628 -0.7417 -0.8519 0.8619 0.4414 1.6494 -0.4462 -0.1109 2.0373 -0.5786 -0.1508

Columns 4756 through 4770

-0.2027 2.0329 0.7235 0.9159 0.1532 0.8091 -0.9959 1.0697 -1.5352 2.3527 0.5290 -0.3305 1.1175 -2.1819 -1.8308

Columns 4771 through 4785

-0.8081 -0.1686 -0.6723 2.3168 0.1918 -0.9361 0.7008 -0.8996 -0.3887 -0.0187 -0.4570 -0.3334 0.3533 -0.7202 0.6153

Columns 4786 through 4800

-0.4235 1.1980 0.4784 -1.6630 -0.2551 -0.6105 -0.3566 -0.8104 -0.5520 -1.5231 2.0906 0.8105 0.4658 0.0997 0.5809

Columns 4801 through 4815

0.0510 -1.1815 -0.0179 -0.4879 -1.5390 0.1941 -1.6495 0.4113 0.4004 0.3613 -0.4782 -1.3703 0.0329 -0.0429 0.3927

Columns 4816 through 4830

1.0515 0.8601 1.0403 0.1175 0.9631 1.3853 -1.0883 1.3396 0.1674 0.5284 0.1797 0.5898 -1.1481 0.2217 -1.3222

Columns 4831 through 4845

-1.0812 1.0372 -1.3929 -0.8079 -3.1680 0.5665 0.0239 0.0871 0.2356 0.3200 -0.2210 1.4173 -2.0164 0.8613 0.3161

Columns 4846 through 4860

1.0463 -0.8990 0.2808 -1.7530 -0.9902 -1.1629 -0.7986 0.7992 0.7673 0.0090 -2.1272 0.8585 -0.5442 -1.0777 -0.2700

Columns 4861 through 4875

-1.1886 -0.7610 0.0317 1.3752 -0.7858 -1.5960 -2.1492 -2.4783 0.1854 -1.6707 0.9245 -0.8760 0.2887 -2.9087 0.4519

Columns 4876 through 4890

0.9974 -0.8170 -1.7155 0.7207 -0.6285 -0.8777 -0.3585 -0.9409 0.7783 -1.0058 0.0039 -0.8095 -0.1435 0.7568 0.4425

Columns 4891 through 4905

-1.1223 0.1842 1.4526 -0.7512 0.6020 -1.8820 1.9798 0.6849 1.1552 1.7563 -0.3285 -0.7164 0.4700 -0.0243 0.7659

Columns 4906 through 4920

-1.0107 -1.5398 -2.4021 0.5317 0.5422 2.1294 1.2924 -0.7239 -0.0887 -0.5749 -0.8972 -0.7170 -0.9344 0.1041 -3.0864

Columns 4921 through 4935

0.1647 -1.9685 0.1651 0.7709 0.1873 0.9069 -0.4450 -0.1657 1.3714 -0.3241 -0.2919 -0.9988 -0.0642 -0.7493 1.4758

Columns 4936 through 4950

0.2346 -0.0734 -1.5268 0.6357 1.0274 0.0684 0.4301 -1.3045 0.7576 -0.9361 1.5931 1.6804 0.0272 -0.8095 -0.0619

Columns 4951 through 4965

0.9596 -0.7338 -0.7882 0.3051 0.5916 0.1015 -1.9856 -2.0618 -0.4611 -0.4896 -0.5844 -0.8478 -1.2048 -0.1890 1.1038

Columns 4966 through 4980

0.1622 -0.0537 -1.0504 -0.9157 -2.4610 0.5838 -0.6459 -0.1259 0.7856 -0.5984 -1.2777 0.6687 -0.2320 0.0441 0.0708

Columns 4981 through 4995

-0.3202 -1.5115 0.1278 -1.9122 1.5822 1.1046 -1.1742 -0.9142 0.4398 0.6185 0.0791 -1.2583 0.2212 0.1808 0.2678

Columns 4996 through 5010

0.5213 -0.0172 -1.8271 0.0571 -0.6848 1.4517 -2.4472 -0.3262 0.2815 -2.5534 -0.5060 0.2524 -0.7373 0.2635 -0.0512

Columns 5011 through 5025

2.0845 -1.4275 0.5213 -1.3066 1.1818 -1.1059 0.4888 -0.9968 1.0310 -0.2704 1.2807 -0.5929 -1.3128 -0.2021 0.4239

Columns 5026 through 5040

-1.2081 -3.3563 0.1679 0.7910 0.6358 0.4265 -0.0840 0.8754 -2.3073 -1.7569 -1.3632 -1.6145 0.1035 0.6998 -1.8372

Columns 5041 through 5055

0.6949 2.4533 0.4667 -0.7805 0.7915 0.6818 0.6933 2.7851 1.8443 -1.6297 0.8084 1.7402 -0.9757 -0.4256 0.9569

Columns 5056 through 5070

0.5599 1.4081 1.8357 -0.4395 0.3318 -0.4255 0.4062 1.9906 1.3771 0.8128 -0.8464 -0.4842 -0.3862 1.2062 0.0232

Columns 5071 through 5085

0.7740 -0.5315 -0.9747 1.3466 -1.0395 0.4782 0.1245 1.2038 -0.3094 1.4282 -1.9445 -0.8098 -0.4625 -0.8915 -1.0613

Columns 5086 through 5100

0.1341 0.7877 1.1617 -1.9432 0.4577 1.1616 1.3807 -0.0548 0.0141 1.0446 1.5180 -2.2126 1.1854 0.9991 0.3779

Columns 5101 through 5115

-0.7324 2.8129 -0.2748 1.5221 2.3391 -0.2397 2.0112 1.9309 -0.1901 1.2188 -1.5342 0.9768 -0.1201 -0.9088 -0.4741

Columns 5116 through 5130

1.1712 -0.4622 -0.7988 -0.4561 0.7670 -1.2399 0.3513 -0.0558 -0.3498 -2.0199 -0.1115 -0.6828 -1.6905 0.0203 -2.5981

Columns 5131 through 5145

0.8205 0.0497 -1.1288 0.8290 -0.7441 -0.5472 0.1871 -1.1515 -1.1673 -1.1991 1.2167 -0.7543 0.8406 0.3792 -1.0720

Columns 5146 through 5160

0.7295 -0.4011 0.5364 0.6447 -0.0115 -0.7182 1.6491 -0.1171 -0.2759 -0.7190 -0.4445 0.0724 -1.7568 -1.6018 -0.1228

Columns 5161 through 5175

-0.6768 0.3020 -2.4802 -0.0644 -0.6286 -0.0497 0.1504 -0.2546 0.3833 -0.3604 0.6514 0.6114 0.8754 2.0248 -0.2817

Columns 5176 through 5190

1.8066 0.0218 0.0888 0.9564 -0.9291 -1.5506 -0.1006 -1.0662 -0.3721 -1.7792 -1.1180 0.3306 -1.2174 0.4323 -0.9277

Columns 5191 through 5205

0.4678 -0.5975 -0.6449 -0.7250 0.1403 -0.0458 -0.5881 -0.9502 -0.2913 0.9101 0.0721 0.6527 -0.1012 0.7418 -0.2389

Columns 5206 through 5220

0.5657 -0.4136 1.5907 -0.2456 0.0666 -0.8649 0.5477 0.6485 0.8817 -0.6548 0.2989 -0.1127 -0.4888 -0.8097 1.0445

Columns 5221 through 5235

-1.5758 -1.0868 0.4806 0.4742 1.1693 2.1456 0.3029 0.1916 -0.2416 -0.1219 -0.7121 0.4398 -0.5277 -0.4908 0.4486

Columns 5236 through 5250

-0.5223 0.8977 -2.0682 -1.6189 -0.8554 0.4429 -0.5934 -1.5139 -2.0074 -0.0174 -1.4240 0.5788 1.1373 -0.3881 1.2168

Columns 5251 through 5265

1.6303 -0.8711 -0.0695 -1.1013 -0.1717 -0.0589 -1.6925 -1.5457 2.2697 0.6200 -1.4218 0.5871 0.3115 -0.8517 -0.7899

Columns 5266 through 5280

0.6409 -1.0896 0.9357 1.7872 -0.3455 0.7537 0.0965 -0.5882 1.3205 0.0403 0.9479 -0.1452 -0.1135 -0.4467 -0.4835

Columns 5281 through 5295

-1.1742 -2.0494 -0.4671 -0.1758 -0.8840 0.4986 0.7892 -1.5757 -0.5331 1.8504 -0.7679 -0.4370 0.0761 -1.3316 -0.9337

Columns 5296 through 5310

-0.0116 -0.5039 0.2625 -0.4511 -0.0918 -1.9450 0.9256 -1.9673 0.2775 -0.7578 -0.2145 1.1685 0.3527 -0.2324 -1.8382

Columns 5311 through 5325

-1.4326 -0.9520 0.7559 -1.4194 -0.3755 1.6481 0.6123 0.1151 0.2554 -1.1447 0.8515 -0.4219 -0.5176 -0.9796 -0.8862

Columns 5326 through 5340

0.8131 0.4280 0.7608 -0.6700 -0.0093 -0.9686 0.1964 -1.2004 0.1833 -0.6156 -1.1459 -2.1567 2.0708 -0.5305 -0.0479

Columns 5341 through 5355

1.2038 0.9406 1.0050 0.0582 0.6177 0.4964 0.0733 -0.0043 -0.6374 2.4441 0.6018 -0.3978 -0.7284 0.3090 -1.3321

Columns 5356 through 5370

0.4160 -1.9332 -1.2565 -0.4143 1.4784 -0.1344 0.2742 -0.7460 0.5994 1.5278 1.3447 0.3956 0.2434 -0.1487 0.9447

Columns 5371 through 5385

-0.4846 -1.9289 -0.4539 0.9850 0.7893 -0.6170 0.4284 0.9360 0.2770 -0.9566 -0.8679 -0.1080 -0.2766 1.4550 2.1822

Columns 5386 through 5400

-0.2528 -0.6078 -1.0355 0.2214 -0.0592 -0.9181 -1.4830 -0.4304 -2.0323 0.5069 0.4950 0.0002 0.3429 0.6059 -2.0707

Columns 5401 through 5415

-0.5053 -1.5594 1.3487 -0.2994 -0.8655 0.4773 0.4799 0.8509 0.7085 0.6086 -0.4522 -0.3171 -1.4049 -0.0570 -0.2978

Columns 5416 through 5430

1.0938 -0.3986 -0.9921 -1.1660 0.8604 0.0605 1.1384 0.1189 0.5498 0.5886 -1.5328 0.1748 0.2846 0.2565 -0.1191

Columns 5431 through 5445

-0.1270 -1.5024 -0.2275 -0.2120 1.2291 -0.5405 -0.7350 -0.7257 0.3314 -1.3263 1.9878 -0.5756 0.5406 1.7589 -0.3141

Columns 5446 through 5460

0.8124 0.5950 0.3528 -0.2595 0.7833 0.5256 -2.2359 -0.5840 2.1718 0.4843 -0.8739 -0.6745 0.7373 -0.3185 0.4624

Columns 5461 through 5475

0.4433 0.0799 -0.8629 -0.1234 1.1103 0.6283 0.1707 1.5828 1.9144 1.9607 -1.8299 1.2859 0.8030 -0.8229 -1.1848

Columns 5476 through 5490

-0.8199 -0.0877 0.3766 0.7716 1.7285 -0.9710 0.7701 1.5069 0.3097 -0.6653 0.4342 0.5767 -0.5195 -0.2693 1.4407

Columns 5491 through 5505

-0.5545 -0.5253 -0.9044 -0.8890 0.3885 -0.1855 0.1695 1.2661 1.9287 1.0753 0.6007 1.7258 0.6635 2.1577 -0.0736

Columns 5506 through 5520

0.5088 0.7910 -0.1960 -0.6747 1.0168 0.4181 -0.2972 -0.7611 0.2510 -1.6828 -0.0173 -1.5529 -2.0958 1.0473 0.3117

Columns 5521 through 5535

-1.2457 0.5455 -0.1556 0.0628 0.7541 -0.8442 0.1234 0.2583 -0.8859 -0.3526 1.0022 -0.1558 -0.2156 1.0514 0.1438

Columns 5536 through 5550

-0.8488 0.1010 1.3483 -0.3119 -0.3727 -0.4288 0.7953 -1.7832 1.2251 0.9731 0.1043 -0.2222 -0.0025 -0.8854 2.0973

Columns 5551 through 5565

-0.5841 0.0135 -0.0858 -0.8690 0.0569 -0.8344 0.3780 1.9634 -0.8907 -1.8503 -1.0430 -1.1363 -0.5059 0.0950 0.7058

Columns 5566 through 5580

-0.8491 0.8166 -1.3377 0.3894 -2.1338 -0.4746 0.0065 -1.1648 -1.0412 -1.9616 -0.5461 -1.6412 -0.6274 -0.6309 1.0065

Columns 5581 through 5595

2.1134 -0.3400 0.5076 -1.1909 -1.6842 0.4456 -2.7245 0.4826 0.1854 0.5469 0.1213 -1.5754 0.5361 -0.9562 -1.7048

Columns 5596 through 5610

0.1999 -0.5432 -0.6805 -1.1999 -0.0879 -1.8770 -0.7759 -0.8772 -0.1950 0.3923 0.6640 -0.5975 -0.3786 0.8125 0.8028

Columns 5611 through 5625

-0.4961 -1.2252 -1.1808 0.5152 -0.0894 0.7842 0.6425 -0.2359 0.9174 -0.3627 0.0976 -0.4415 -0.4533 -0.2170 0.7719

Columns 5626 through 5640

0.3409 -0.5418 1.5292 0.3320 -0.4429 -0.4423 2.0019 0.5116 -0.7100 1.9563 0.2203 -0.1524 0.0247 0.7181 1.0279

Columns 5641 through 5655

0.3112 1.2880 0.2050 -0.3948 -1.0959 -0.3828 -0.3661 0.3669 0.2647 0.8716 -0.1863 0.3587 0.1624 0.2407 0.7122

Columns 5656 through 5670

0.5116 1.7494 -0.3494 -0.0320 -2.1996 -0.6798 2.0409 0.8293 1.8484 -0.6957 -0.7819 -0.3621 2.6014 1.8284 -0.5108

Columns 5671 through 5685

-0.8588 0.8486 -0.3347 -0.5816 -0.2018 0.0851 -1.2229 -1.2379 -1.2626 -0.8717 -0.8085 0.1935 -1.1025 -0.1661 -0.0186

Columns 5686 through 5700

-0.5884 -0.1441 -0.8048 -0.8640 0.6608 0.1071 -0.8917 -0.0754 -0.7132 -0.8507 1.0512 1.2472 -0.0608 -1.3071 1.0545

Columns 5701 through 5715

0.8411 -2.6797 1.1240 -0.6566 0.6417 1.3704 -0.3407 -0.0815 -1.0773 -1.1338 -0.1202 -0.4645 -0.0703 -1.0161 -1.2153

Columns 5716 through 5730

-1.1973 0.7966 0.2809 -0.6322 1.2599 0.7717 0.1884 0.3194 0.9695 0.6102 0.2065 -0.4169 -0.4660 -1.9326 -0.4072

Columns 5731 through 5745

0.6376 -0.3213 -0.2496 0.1262 -0.7892 0.1829 -1.3240 0.3187 -0.2075 -0.3758 0.1009 0.4687 -0.6042 -0.1226 0.2868

Columns 5746 through 5760

1.2956 -0.7667 -0.0363 0.0790 1.5775 0.6040 -0.9676 -0.6725 0.5976 0.9731 0.1773 0.4475 -0.6347 -0.2585 0.0829

Columns 5761 through 5775

-0.4944 -0.3361 -2.3992 1.2241 1.6567 -0.6810 0.9927 0.7534 -1.6994 -1.3681 0.8904 1.1245 1.5606 -1.2563 1.1152

Columns 5776 through 5790

0.9543 -0.2448 0.0596 -0.7957 -1.2210 0.5549 0.7707 0.3107 0.2188 -0.3691 -1.1681 -0.0272 0.3174 -0.1823 -0.3167

Columns 5791 through 5805

-1.3041 -1.1984 0.8699 -1.0103 1.2508 0.2202 1.3617 -2.2105 -0.1152 -1.0089 0.8358 1.6798 0.7531 -0.2479 -0.8268

Columns 5806 through 5820

-2.0623 1.9147 1.2226 -0.2871 0.1893 -1.0116 -0.7701 0.2977 1.2403 0.2591 1.7017 0.4357 -0.9794 -0.9733 0.5411

Columns 5821 through 5835

-1.4203 0.2456 -0.8299 1.8646 0.0380 0.3008 -1.9170 -0.8287 -0.8961 0.7475 1.2107 -0.1601 0.3060 -0.1279 -0.0448

Columns 5836 through 5850

-0.5904 -1.0321 0.3180 0.5153 0.7300 0.3489 0.9216 -0.5209 -0.3819 -0.0547 0.0073 0.0585 -1.3603 -0.6816 -0.0577

Columns 5851 through 5865

-1.1085 -1.4591 -0.0988 0.3995 0.6628 -1.5067 -0.2985 -0.1878 -1.0571 0.3466 1.6558 0.0903 0.9502 1.4429 -0.5178

Columns 5866 through 5880

1.9780 -0.9239 0.0295 -1.2101 -0.7487 -0.0814 0.5122 1.6276 -0.5698 1.4950 -0.6004 -0.6295 0.6611 1.5288 0.2530

Columns 5881 through 5895

-1.3228 0.1630 1.5470 0.2882 1.1994 0.0915 -1.3400 0.7781 -0.0737 -1.6164 1.4180 0.3892 0.2074 0.5418 1.6119

Columns 5896 through 5910

1.2959 -0.0225 -0.5984 -1.2015 0.7104 1.0762 0.8980 -0.4622 -0.7881 0.0213 0.4867 0.8002 1.8829 1.1000 -1.1128

Columns 5911 through 5925

-1.1028 0.3544 0.9444 -1.2942 -1.3124 -1.3374 -1.6689 -0.0940 0.1194 -0.6384 -1.5143 0.4067 0.0958 -1.2625 -1.3146

Columns 5926 through 5940

-1.8514 1.0610 1.1394 -0.0006 0.5704 0.0091 0.0433 0.0094 1.0189 -0.3902 -0.5305 0.3619 -0.4511 0.0984 0.8472

Columns 5941 through 5955

0.0318 0.3371 1.1124 1.1359 -2.2332 -0.0584 0.0796 -0.8039 -0.5773 -1.2638 -1.5539 -0.3202 -1.3921 1.4928 -0.6878

Columns 5956 through 5970

-1.3365 0.8244 -1.9478 -0.7408 -0.2102 1.2823 0.6044 0.2226 0.4339 0.7673 0.6248 0.9221 0.4517 -0.6472 -1.4541

Columns 5971 through 5985

-2.9368 -0.3082 0.9687 -0.8115 -0.3301 0.9838 -0.0207 -2.3799 -1.4584 0.1828 -1.5823 0.4385 -0.6313 0.7887 -1.6882

Columns 5986 through 6000

0.1135 -0.2900 -0.0944 0.0411 0.2908 -1.1083 -1.0150 -0.9163 -0.5144 1.4843 0.9222 0.7069 -0.0252 0.1612 -0.7192

Columns 6001 through 6015

0.7935 1.7322 0.4652 0.5176 -1.2592 0.7888 -0.8658 0.1307 0.1723 0.4571 0.5277 0.0646 0.1021 1.5246 -1.3217

Columns 6016 through 6030

0.2093 -0.2365 -1.2008 -0.8954 2.7792 -1.3666 0.6192 -0.0772 1.1614 1.9774 0.5183 -0.0063 0.6998 2.1194 0.0278

Columns 6031 through 6045

0.1021 -1.0626 0.3410 -1.1831 1.3508 0.0318 -0.4278 0.7753 -2.4128 -1.0173 0.5385 -0.5422 1.4830 -0.3153 0.3318

Columns 6046 through 6060

0.3027 -0.0479 1.7421 -0.3241 -1.3813 -0.9578 -0.3209 0.5812 -0.8531 -0.2035 -0.3201 -0.9248 1.4174 0.3161 -1.1254

Columns 6061 through 6075

-0.0525 0.7160 -1.0678 1.3741 0.0629 -0.6382 -1.7151 -0.0128 -3.4757 -0.7016 -1.0701 1.2639 1.6821 -1.7084 -0.5309

Columns 6076 through 6090

-1.5623 0.2805 -0.7877 -1.4774 1.2850 -0.8593 -0.7774 -0.0157 1.1839 0.3608 -0.4707 0.2452 -1.1548 0.8097 -1.4703

Columns 6091 through 6105

0.3089 -1.0194 1.2445 1.2179 -0.5040 0.1138 -2.0270 0.1667 -0.3209 -1.8876 -0.0671 0.0095 -1.0908 -1.4258 0.7875

Columns 6106 through 6120

1.2308 -0.2439 0.6377 1.3798 0.5727 0.1161 -1.4732 -0.2058 0.7524 0.0166 0.4632 -0.0754 0.4293 0.4446 -0.4499

Columns 6121 through 6135

0.0939 -0.2780 0.2849 2.1723 -0.8840 0.4022 -0.3755 0.4479 0.8225 -0.1380 1.3630 -0.0745 -0.2224 0.4676 0.2913

Columns 6136 through 6150

2.8636 1.1618 1.3546 -1.3620 -0.4081 -1.2280 2.9122 -2.1382 -0.4492 1.3593 -1.6444 -0.6977 0.8486 0.3281 1.1114

Columns 6151 through 6165

1.0205 0.8492 0.2973 0.4128 -0.8361 -1.0647 -1.5307 0.3915 -0.0152 0.3108 1.9924 1.5944 0.5616 -0.3672 -1.4839

Columns 6166 through 6180

0.9352 1.7800 -0.7071 0.2367 0.9932 0.2655 0.6477 -1.1475 1.6353 -0.8822 -1.6810 -1.7802 1.7589 -1.7325 1.1031

Columns 6181 through 6195

1.0167 -0.5029 -1.0230 1.8800 1.0850 -0.2607 0.4233 -0.8442 -0.1076 -0.0462 -0.4872 -0.3184 0.2722 0.1074 -0.1475

Columns 6196 through 6210

-0.9773 -0.1555 0.0578 0.2598 0.6248 0.9329 -0.0044 -0.4549 -0.1768 -0.7503 0.0555 -0.7104 -0.5466 1.3839 -0.0152

Columns 6211 through 6225

0.1362 -0.4081 1.7989 0.9781 -1.3213 -1.2624 0.4630 -0.0489 1.8318 -1.9027 0.8368 -0.4183 0.0962 -0.2189 -1.3050

Columns 6226 through 6240

-1.2893 -1.3144 0.2803 -0.9600 -1.1255 -0.1980 -2.2004 -1.2190 -0.7142 -1.5466 1.3962 0.9408 -1.1696 1.6216 0.1362

Columns 6241 through 6255

-0.3932 -0.0167 -0.8118 0.6082 0.1511 0.6670 0.9723 -0.9654 0.6101 -2.2746 -0.3451 -0.1485 -1.4424 -0.5670 -0.5590

Columns 6256 through 6270

-0.9150 1.2695 0.2298 0.0331 1.0464 0.8212 -1.0767 -1.1669 -1.5934 -2.5330 0.6882 -2.3199 0.9127 2.3881 0.5212

Columns 6271 through 6285

0.8252 -0.0091 0.4322 0.8284 -0.0227 -0.9216 -2.3101 0.8333 -0.3928 -0.4214 -0.4630 1.3167 -1.0462 -0.3239 -1.2669

Columns 6286 through 6300

-0.1121 0.4026 0.0756 1.2373 -0.4290 0.2637 0.4679 -0.5776 -0.3840 0.5192 0.2773 0.0070 0.0565 -0.0326 1.9220

Columns 6301 through 6315

-0.2009 0.5286 1.3332 -0.6785 -1.4495 0.2259 0.2290 -0.3304 -0.7437 -0.6184 0.6675 0.8488 0.3771 -0.4815 0.8400

Columns 6316 through 6330

-0.2034 0.2573 0.2476 0.2633 -1.3485 -0.1402 0.8669 -0.0975 -0.0566 -0.3805 -0.1184 1.1847 -0.9154 0.2170 -2.0211

Columns 6331 through 6345

1.7353 -0.9931 -0.3747 1.1965 0.7497 0.1220 -0.0374 -0.1790 1.3008 0.2960 -1.1252 0.2055 0.1617 0.0006 -0.1796

Columns 6346 through 6360

0.0272 -0.0680 0.3762 0.3451 -0.0656 -0.1984 -0.7483 0.3689 -0.4654 -1.4516 -0.8950 0.6818 0.0612 3.0160 -0.2168

Columns 6361 through 6375

-0.7524 0.4162 -0.0424 0.5987 1.3318 0.7847 -0.5542 -0.9931 -0.4156 -1.2602 0.7437 0.9445 -0.6307 0.5206 -0.3675

Columns 6376 through 6390

0.7400 -0.4536 -0.9577 0.0048 0.6937 0.8148 -0.5338 1.3453 0.2877 -0.3410 0.9037 -0.4786 -1.8461 -1.3264 0.0920

Columns 6391 through 6405

0.1849 2.0982 -0.3820 -0.6097 -0.7750 -0.8838 -0.5595 0.6116 -0.2414 -1.1438 0.9621 2.2608 0.3971 0.2075 1.1513

Columns 6406 through 6420

-1.6609 -0.2911 -1.0556 -0.2381 0.4567 -1.2069 -0.2134 -0.1326 -0.9832 -1.1408 -0.0027 -0.3902 -0.0862 -1.2312 0.0775

Columns 6421 through 6435

0.2053 1.3741 -0.7605 -2.0807 -1.7636 0.6463 0.1306 0.1283 0.3377 0.2969 0.8112 -0.6267 -0.4694 -1.2486 0.7468

Columns 6436 through 6450

0.5960 1.8629 -0.8688 0.3668 0.5509 0.2858 -1.3720 0.0102 1.3548 -0.6395 0.2781 -0.0585 1.1616 -0.9622 -0.6550

Columns 6451 through 6465

-2.3798 0.1517 1.5904 0.9683 -0.0391 -0.1364 -0.6230 0.4498 1.3508 0.0417 -0.1683 0.2621 -0.6485 -0.9062 1.6477

Columns 6466 through 6480

1.2307 1.8225 0.5233 0.8005 1.1906 1.4181 -0.0984 1.6698 1.3340 -0.5551 0.7675 -0.2712 0.7558 -2.0263 1.2145

Columns 6481 through 6495

-0.6253 -0.2732 -1.9013 1.6678 -1.4961 0.8654 -1.3580 -0.3732 -0.6086 -0.2997 -0.9005 -0.0657 -0.6291 -0.5415 -0.9737

Columns 6496 through 6510

-0.0282 -0.0066 -0.5054 1.8421 1.1544 -0.8112 -0.4706 0.6166 -0.4586 -1.8274 -0.9630 0.9599 0.3783 -0.5984 0.1875

Columns 6511 through 6525

1.8518 0.5285 0.6025 -0.0850 1.0267 -1.4596 -0.6930 2.7943 1.7502 -0.9253 1.3354 -0.5404 -0.3742 -0.2082 0.7902

Columns 6526 through 6540

0.5093 0.7614 -0.8122 0.7563 -1.3107 0.9585 0.8532 -0.1556 0.1530 1.7666 1.2907 1.6127 -0.6362 -0.8420 0.0299

Columns 6541 through 6555

0.0324 0.3061 -0.7706 -0.9134 1.0437 1.0935 0.4226 0.5951 -1.7963 -0.3151 0.3513 0.2155 0.7626 0.8256 -0.2544

Columns 6556 through 6570

0.7459 -0.8178 1.6002 -0.3441 1.3937 -1.7116 0.3266 0.1389 0.9605 -0.7653 0.1401 2.3702 -0.3095 -0.5446 -1.0114

Columns 6571 through 6585

0.2809 0.0607 -0.4881 -0.3216 0.4062 0.9491 -0.3451 0.1080 1.8371 -1.1288 -1.7823 0.6815 -1.4429 0.6052 -0.7245

Columns 6586 through 6600

-0.0399 -0.1078 0.4819 0.0585 1.2573 -1.2254 0.0838 0.1090 0.1497 -1.1664 0.7555 -0.9333 -0.6812 -0.1648 -0.0042

Columns 6601 through 6615

0.7742 0.6141 1.3719 0.1317 0.3299 -0.0380 -0.4350 -1.1113 0.3903 0.2343 -1.4365 0.5416 -0.6912 -0.4323 -0.4374

Columns 6616 through 6630

0.5858 -0.0965 -0.9280 -1.0194 0.1663 -0.9462 -0.8309 -0.6310 -0.9711 0.0373 1.0723 -1.0759 0.2019 -1.2732 -0.6991

Columns 6631 through 6645

2.6883 -0.2055 3.5501 0.8820 -0.0855 1.2992 -1.1890 0.6700 -0.4939 1.1549 -0.3794 0.6780 -0.4143 -0.6644 -1.3675

Columns 6646 through 6660

3.8942 0.3735 1.0239 -0.5587 -0.9067 -0.7273 0.1069 2.8404 -0.3357 -1.7046 -0.6289 -0.8459 0.1301 0.4920 3.0758

Columns 6661 through 6675

-0.5645 0.5059 -1.4973 -1.0326 0.4598 -0.6360 0.3817 -0.2304 0.4082 -0.1771 -0.9356 0.2259 -0.2776 1.0240 -1.4619

Columns 6676 through 6690

1.0209 -0.2543 1.4992 0.3265 -0.5533 -0.5624 -0.7231 0.5761 -0.8942 0.9401 -0.9498 -0.8798 -0.2558 -0.8873 -0.7383

Columns 6691 through 6705

-0.5817 -0.4925 -0.8297 1.1439 -0.7812 -1.0026 -1.0143 -1.7534 1.2162 -1.5915 0.4396 -0.8876 1.9249 -0.6224 -0.9385

Columns 6706 through 6720

0.2508 -1.0527 0.2573 -0.8717 -0.1456 0.1670 -0.5722 0.1243 -1.3175 -0.1194 -0.1361 -0.7285 0.2832 0.4567 -0.1422

Columns 6721 through 6735

1.2835 0.8904 -0.4019 0.6747 -0.9561 0.9994 0.4006 -0.2766 0.0258 -0.0309 -0.0412 -1.6847 -0.8334 -0.8323 0.0316

Columns 6736 through 6750

0.6431 -0.1569 0.8489 -1.0345 -0.7239 -2.3898 0.7516 -1.5767 0.8948 -1.8359 1.1956 -0.0015 -0.1146 -0.2508 -0.4045

Columns 6751 through 6765

-0.6390 1.8608 1.7770 -2.8555 -0.3274 0.1500 -0.2854 -1.1862 -0.5549 0.5962 -0.5818 -0.8835 -0.5594 1.1051 -0.8149

Columns 6766 through 6780

-0.5138 0.2045 1.0395 1.1073 -1.6127 1.0610 1.0818 0.4343 -0.0973 0.3409 1.6381 -0.1274 -0.1088 -1.5020 0.9444

Columns 6781 through 6795

-0.0144 0.8892 1.5596 -1.4334 0.0232 0.5418 0.6993 0.4016 -0.2457 -1.5695 -0.1546 -0.6874 -0.2204 0.8031 -0.5274

Columns 6796 through 6810

-0.0295 1.1142 1.0375 0.7357 0.8192 -1.5805 1.5955 0.5043 0.6888 0.0926 0.7451 -1.6702 1.2258 -0.5709 -0.1149

Columns 6811 through 6825

-0.9211 0.3893 0.5140 0.1162 0.6677 -0.8069 -0.9206 -0.7019 0.1699 -1.8062 1.3939 -1.2782 -0.0260 1.0744 -1.4722

Columns 6826 through 6840

-2.4049 -1.0632 -0.2632 1.3806 0.9379 1.0081 -2.1122 -0.1651 -0.3221 0.4244 2.0060 0.3626 0.1765 0.6747 -0.6909

Columns 6841 through 6855

0.1135 -0.9017 0.3892 0.0753 -1.0880 -1.1806 -1.4954 -1.4261 -0.2000 0.0112 -1.4797 0.6455 -0.4980 2.0993 0.6067

Columns 6856 through 6870

-0.2569 -0.8052 -0.0496 1.7951 -0.9117 -0.8438 -1.3068 -1.5870 -0.8987 1.5872 -0.3228 0.2513 3.1950 -1.9115 -0.2980

Columns 6871 through 6885

2.0208 0.2809 0.6229 -0.1210 -0.4494 0.4101 -1.0730 -1.0678 -1.7367 1.2038 1.4096 0.6498 0.5170 0.3639 -0.2411

Columns 6886 through 6900

0.0862 -0.4741 -1.5180 0.9319 0.8827 -0.5307 -0.1037 0.0994 -0.5091 0.6077 -2.0694 0.5201 1.3841 -0.4288 -1.0458

Columns 6901 through 6915

-0.6069 -0.5476 0.7775 -0.5873 1.1993 -0.9002 0.2637 -1.5251 0.0322 0.9289 -1.0319 0.5075 0.3252 -0.0722 0.0039

Columns 6916 through 6930

1.0278 -0.7322 0.3989 -1.4423 -0.7765 -0.6782 -0.4406 -0.7238 0.8365 -0.0303 -0.4335 -0.2767 0.0138 -1.5357 0.2033

Columns 6931 through 6945

0.2100 0.0546 -0.3666 -0.1288 -1.6254 -0.0609 -0.6687 -0.7035 -0.3556 -0.2714 0.3326 -1.0756 0.3608 0.7453 -0.2199

Columns 6946 through 6960

-1.7089 0.0601 -0.7721 0.4989 -0.3780 -1.4439 -0.9907 -0.7319 -0.8260 0.3439 -0.2266 1.6044 1.7526 -0.1071 0.3494

Columns 6961 through 6975

0.2964 -0.7341 -0.0101 0.4724 -2.2343 0.0625 1.2093 -1.0088 -0.4072 0.9845 0.6377 -2.7295 1.2106 0.4004 -0.0825

Columns 6976 through 6990

-1.4770 1.3147 2.3775 -0.8509 1.3810 -1.0794 -0.9536 -0.3661 -1.2388 0.4989 0.1547 0.6648 -0.8435 1.0822 -0.2821

Columns 6991 through 7005

-1.2372 -1.3278 0.5685 -0.8644 0.5944 -0.3024 0.0107 0.9401 0.6897 0.5275 1.7809 -0.9200 -0.1906 -1.1425 -0.0804

Columns 7006 through 7020

-0.2650 0.8912 -0.8392 -1.0802 0.5928 -1.9974 1.7249 0.2400 -0.6194 0.7661 1.2183 -3.1466 0.0840 -0.5811 -0.4366

Columns 7021 through 7035

0.9778 -0.8548 1.6477 0.1652 -0.8114 0.5753 -0.6092 -1.3917 -0.6086 -0.3445 0.4671 -1.9711 1.1012 2.3954 0.1174

Columns 7036 through 7050

-0.0631 1.1576 1.5381 -2.1520 0.9092 -1.0236 -1.4824 0.4762 -0.8044 0.0605 -0.5256 0.0133 -0.0181 0.6207 -1.2154

Columns 7051 through 7065

0.8066 0.2073 -1.4562 0.9585 0.5900 1.5325 1.0697 -0.2427 -2.0573 0.5679 -1.1054 0.1511 -0.6207 0.5647 -0.2510

Columns 7066 through 7080

-0.7975 0.7449 -1.6762 -1.1740 1.8056 0.4786 -1.2566 0.3129 0.6385 -0.0508 2.5050 -2.0372 -0.4710 0.5254 2.7920

Columns 7081 through 7095

1.7597 0.5952 -1.0961 -0.1568 0.1914 -0.2855 -0.3725 0.5809 1.4365 1.5467 -0.0069 0.2336 -1.0543 -1.4440 -0.6535

Columns 7096 through 7110

-0.3952 -0.8905 -1.0705 -0.0314 1.8421 1.4127 -0.2282 -1.5984 0.4687 -1.7377 0.4123 0.2731 -0.9732 -0.7484 1.1428

Columns 7111 through 7125

0.0608 0.4750 0.4520 -0.2980 -0.6661 -1.1691 0.6752 0.5592 0.5265 0.4520 0.8802 1.1298 -0.8581 1.4786 0.8354

Columns 7126 through 7140

1.4740 1.2945 0.0334 0.5502 0.7326 0.1571 -0.9408 -0.6804 -0.5092 0.6156 0.2282 -2.6958 -0.8626 -1.2859 0.7521

Columns 7141 through 7155

-1.0698 1.3126 0.3121 0.7505 -2.0567 -0.2206 0.3277 0.0736 0.7742 -2.0657 -0.4496 1.9234 0.3477 -2.6008 -2.5480

Columns 7156 through 7170

-1.2296 -0.7316 -1.1607 1.5571 0.6810 -0.1698 0.1135 0.7345 -2.6033 -0.7286 0.5857 -0.6706 -0.7211 -0.9990 0.2601

Columns 7171 through 7185

0.3410 0.5547 -0.4088 0.1249 -0.7930 0.0297 -2.7646 -0.5167 1.0558 -0.8955 1.1819 1.1453 0.8326 0.4360 0.6636

Columns 7186 through 7200

0.8207 0.3456 -0.2405 -0.9035 -1.9082 -0.1024 -0.6945 -0.6529 -0.8222 1.5383 1.9025 -0.6584 -0.9793 -0.1225 2.1447

Columns 7201 through 7215

0.0019 -0.9636 -0.0650 1.4342 0.1615 1.9221 -0.8431 -1.2243 0.2708 -0.3101 -0.5162 -0.4566 0.5634 -0.8526 0.0370

Columns 7216 through 7230

-0.7503 -0.8248 0.0205 0.6120 -0.0921 0.6642 1.6149 0.9893 0.4433 2.3141 -0.0277 0.2026 -0.4181 1.5102 0.0176

Columns 7231 through 7245

-0.3252 0.1747 -1.1938 -0.0001 0.9641 0.2392 1.1967 0.3499 -0.8978 0.4331 1.2105 -0.7500 0.6037 1.5864 -0.2859

Columns 7246 through 7260

-2.2642 -0.1068 0.8306 1.3828 -1.0806 -1.1559 -0.8703 -0.6140 -0.2744 -1.4198 -1.0961 1.5975 -0.7523 2.1353 -0.4710

Columns 7261 through 7275

1.5055 1.6246 -1.1495 0.7583 0.8583 -0.4059 -0.2704 1.4450 -0.1116 -1.6370 -0.9988 -0.1481 -0.5484 -0.5353 0.3561

Columns 7276 through 7290

-1.6366 -0.6573 0.6238 -0.0388 0.0542 1.5497 0.0193 2.2266 0.9749 0.6282 -0.9264 -1.4148 1.6948 -0.0063 -1.3614

Columns 7291 through 7305

-0.5620 1.5356 -0.2213 1.1576 -0.6957 0.5785 -0.1103 -1.0345 0.6640 0.2528 1.2399 -0.9565 0.5630 0.8375 -0.7755

Columns 7306 through 7320

-0.9315 -0.2222 0.1057 0.9116 -0.5268 0.0796 -0.8747 0.6464 1.4741 0.4258 2.3899 -0.5405 1.6597 -1.7486 -0.6063

Columns 7321 through 7335

-0.7864 -1.0723 -1.1019 -2.3897 0.6444 0.9494 1.4199 0.2458 0.9017 0.9743 0.5010 -1.6324 1.0225 0.8965 -0.7790

Columns 7336 through 7350

0.7752 1.3542 -1.3543 -0.4562 -0.6978 0.3475 0.3628 -0.5475 0.6691 -0.9429 0.2693 -1.3504 0.8060 -0.7362 0.2097

Columns 7351 through 7365

0.6349 1.0624 1.7892 0.2277 -0.2704 -1.0589 -0.2288 -0.9025 -0.8840 1.1121 -1.9155 -2.8400 1.1269 -0.6182 0.5368

Columns 7366 through 7380

-1.4096 0.7519 2.2130 -1.0540 -0.0905 0.3622 -0.9409 1.1316 -0.3494 0.2539 -1.0381 0.8928 -0.2323 0.0923 -0.7789

Columns 7381 through 7395

0.4088 0.5210 0.7310 0.5636 -0.9963 0.5430 1.1129 0.2676 -0.4849 -1.1239 0.6259 0.2278 -0.8905 0.4060 -0.7600

Columns 7396 through 7410

-1.6472 -0.6056 0.7893 0.5691 0.3313 -1.6226 0.9006 -0.3820 0.6223 -0.5932 -0.3817 0.6952 2.5662 1.0459 0.3819

Columns 7411 through 7425

0.2300 0.1094 0.0977 -0.4811 -1.9461 1.6914 0.9777 -0.9309 -0.6528 0.6224 -0.1898 0.2386 -0.4686 1.3330 2.4646

Columns 7426 through 7440

2.4972 -0.5546 1.1400 -0.2520 0.3048 0.8573 0.0649 -0.8076 0.6579 0.5308 0.0300 -0.4475 0.7780 1.1388 1.0844

Columns 7441 through 7455

0.7619 0.2037 3.4041 0.4566 0.3750 0.0399 0.0659 0.9997 -1.3700 -2.2147 0.5224 -0.3576 0.3524 -0.4886 1.0686

Columns 7456 through 7470

-0.7949 0.1798 -0.2815 -0.4272 0.5625 -0.4291 -1.8749 -0.8004 1.0000 -1.1050 -0.4042 0.9938 -0.8713 -0.6120 1.3662

Columns 7471 through 7485

0.3837 -0.8533 -1.8459 -0.6506 1.4022 0.6904 0.0319 -1.0524 -1.4043 -0.1403 0.1568 -1.4542 1.2663 1.0298 1.8860

Columns 7486 through 7500

0.3337 -0.3755 -1.0225 -0.0224 1.7867 0.5740 1.4191 0.6858 0.8076 -0.2553 -0.4514 -0.2957 1.4682 0.0639 -0.9798

Columns 7501 through 7515

-0.2823 -0.3601 -0.1960 0.2129 -0.0888 0.3397 -1.4736 -1.4906 0.2296 -0.7434 -0.3095 -0.3671 0.0589 -0.7729 1.2609

Columns 7516 through 7530

-0.8128 -0.0185 -1.6372 -0.3574 -0.5995 -0.0544 -0.0241 -0.1077 1.0798 1.6972 -1.7447 0.1768 0.7219 -1.8338 -1.1399

Columns 7531 through 7545

0.0857 1.0085 -0.4351 -0.8723 0.5477 0.0566 -1.0739 0.9395 -0.8202 -0.4746 1.4772 0.9650 -0.4566 -0.1354 -1.3245

Columns 7546 through 7560

1.1466 1.3966 1.6563 0.7877 0.6074 -0.3931 -1.7854 -1.0168 0.0190 0.0770 0.3446 -0.2323 0.1604 0.3229 1.9768

Columns 7561 through 7575

-0.9219 -2.4724 -1.1457 0.9696 1.4048 -0.6613 0.7529 0.7684 0.7466 -0.9396 0.2588 0.2495 0.4813 1.6431 0.4136

Columns 7576 through 7590

0.1533 0.9490 -0.0978 -2.3194 -0.2087 0.1850 0.4438 0.4029 -0.6369 -0.8070 0.6773 -1.3036 -1.3751 0.4021 0.2017

Columns 7591 through 7605

-0.4952 -0.2990 -0.1364 0.5408 0.9544 -1.4399 -1.7205 0.3735 -0.3599 -0.1490 -0.0050 0.8993 -2.3932 -0.1270 1.2145

Columns 7606 through 7620

0.5515 1.9546 1.4305 -1.5429 -0.6751 -0.0587 -0.1546 -0.6905 -2.0518 -1.0266 1.0293 0.5825 -0.8877 -0.5294 1.0673

Columns 7621 through 7635

1.1611 1.5308 -0.1118 -1.2340 1.3598 -0.3766 -0.8730 -0.2775 -0.4375 -0.5565 2.0079 -1.3247 -1.0985 -0.3309 -2.3513

Columns 7636 through 7650

-0.3997 -0.4598 -1.0392 0.8933 0.3815 0.6896 0.7312 -1.5441 0.7832 -1.1917 0.3999 3.3170 1.1942 -0.3357 -0.5672

Columns 7651 through 7665

-0.0404 1.1775 -0.0511 2.4819 -2.2720 -0.3828 -1.2264 -1.8032 -1.1516 -0.6142 -0.1190 1.0438 0.9369 -0.3531 1.1732

Columns 7666 through 7680

0.6345 0.1827 0.6469 -0.3320 0.3448 -0.1868 0.6925 -1.0923 0.8717 -0.3913 1.0685 0.5633 1.1121 0.2196 1.3569

Columns 7681 through 7695

-1.5531 -0.8304 0.4024 -0.5527 -0.4631 -0.2683 -0.8313 -1.2466 -0.5162 0.1925 0.0795 0.7846 -1.3679 -1.5469 -1.6015

Columns 7696 through 7710

1.2449 -1.3703 -0.5548 0.2894 -0.2957 1.6830 -0.8085 0.3776 -0.4929 1.5111 -0.9990 0.1723 0.6007 1.3034 -0.0579

Columns 7711 through 7725

-1.2104 -0.6888 -0.2160 0.4382 0.2629 0.0052 -0.5836 0.1073 0.6533 0.2087 1.3699 0.3657 1.3826 -0.5962 1.2623

Columns 7726 through 7740

1.2730 0.8056 0.4954 -1.5316 0.3102 -0.1761 0.8075 -0.5480 1.2008 -1.1781 0.4585 0.1448 0.1489 0.1451 1.1578

Columns 7741 through 7755

0.3266 0.5548 -1.9339 -0.0119 1.5549 -0.8591 1.1393 -0.1487 -1.4197 -0.8849 0.1973 -0.0267 1.1050 -0.8570 0.4050

Columns 7756 through 7770

0.2637 0.3176 1.9049 -0.2087 -0.5219 0.4289 -0.5931 0.5767 1.0963 -1.6931 0.8935 1.4854 -0.1077 1.6926 -0.8763

Columns 7771 through 7785

-2.1239 0.3329 0.3191 -1.7643 2.2066 0.3602 -0.0321 -0.4156 -0.3719 0.4556 0.5518 2.4372 -0.0640 0.1266 -1.1393

Columns 7786 through 7800

2.1574 -1.3705 -0.2836 -0.2976 -0.9231 0.3639 0.0427 1.6121 -0.8660 -1.0546 1.8450 0.7034 0.3533 -1.2877 -0.3076

Columns 7801 through 7815

-0.2409 0.2176 0.2379 -0.4956 -0.2376 1.0032 -1.1175 -0.5724 0.9565 -0.1566 -0.3319 -2.4132 -1.2513 -1.0106 -0.9226

Columns 7816 through 7830

0.5380 0.1670 -0.9120 0.4865 0.5392 -1.8812 -2.6256 -1.1516 -0.4946 0.5053 1.9176 -0.3696 -0.1962 0.5120 1.2106

Columns 7831 through 7845

0.5330 -1.2060 1.2838 0.9671 0.8169 -0.5624 0.6934 -1.0923 -0.6149 -0.7287 -1.3956 -0.7382 -1.2964 -0.6846 1.8849

Columns 7846 through 7860

-0.3501 -0.9953 0.7448 -0.2661 -1.2842 -0.3954 0.5492 -0.4702 0.9503 1.3478 -1.2237 -1.0110 -1.5716 -0.4630 -0.7524

Columns 7861 through 7875

1.4433 -0.2776 1.5287 1.1783 1.5099 -0.6109 -0.1129 -0.3327 0.8089 -0.1680 -0.3968 -0.0908 -0.8843 0.6290 0.4415

Columns 7876 through 7890

1.0039 -0.1930 -0.8428 2.3814 1.2713 0.4028 1.5790 1.6061 0.6664 0.1961 0.2020 0.4773 0.1901 1.7820 1.6659

Columns 7891 through 7905

1.6278 0.8991 -0.6651 0.2345 -0.3862 0.1421 -0.8614 1.0459 0.5034 0.2239 -1.5177 -1.3277 -0.1389 -0.2400 1.6718

Columns 7906 through 7920

0.3355 2.1275 0.5309 -0.6128 1.2222 0.1403 0.1344 1.0905 -0.3397 0.9089 -0.6624 0.3248 0.2770 -1.2154 0.9945

Columns 7921 through 7935

0.0203 -0.7867 -0.0999 0.5130 2.3416 -1.0555 0.9641 -0.4146 -1.6442 -0.0630 1.5389 0.5252 0.4930 -0.3567 1.3889

Columns 7936 through 7950

-1.1563 0.2188 0.4035 1.8312 -0.5659 -0.2143 -0.0862 -1.1001 -0.3973 -0.6525 -2.1816 -0.2030 0.1390 1.1999 0.0330

Columns 7951 through 7965

-0.9452 -0.3445 -0.0549 -0.5162 -0.1091 -0.9636 1.8022 -0.9738 -1.3708 -0.3990 0.1782 -0.3627 -0.0509 0.1191 -2.8145

Columns 7966 through 7980

-0.9750 -1.1384 0.8198 1.3092 0.8740 -0.5837 -0.9775 1.1180 -0.4026 0.5617 -0.6206 -0.6721 -1.6654 -0.0762 -0.3523

Columns 7981 through 7995

-0.6042 0.5797 -1.3343 0.0075 0.5318 -0.3041 -1.1015 -0.5838 -0.5834 -0.8294 -0.6314 1.4449 0.0411 -0.6819 0.4362

Columns 7996 through 8010

1.3056 -0.1046 0.8385 0.3187 -1.5908 0.6368 0.1856 -0.6179 0.6154 -0.5837 1.1434 1.6710 0.1274 0.7565 0.8587

Columns 8011 through 8025

-0.3096 0.6417 0.1528 -0.8273 0.1257 -0.3215 0.1241 -0.4709 0.9741 -1.3356 0.4599 -0.2111 -0.0580 0.7130 0.9106

Columns 8026 through 8040

-0.8704 0.2013 1.3240 -1.5352 1.5855 0.8268 -0.9789 -0.6016 1.1591 0.6952 -0.7050 0.7713 0.4717 -1.9823 0.4529

Columns 8041 through 8055

-1.3061 0.5734 -0.6335 0.3719 0.7642 0.4375 -0.3358 2.0931 0.9037 -1.0603 -1.0220 0.0246 0.8570 1.1104 0.6420

Columns 8056 through 8070

0.7214 0.4476 0.6494 -0.5540 -0.0634 -0.8708 -0.7574 0.6339 -1.2075 0.2071 1.6867 0.3328 -0.2376 -0.9873 -0.2752

Columns 8071 through 8085

1.8052 0.5414 -0.1442 0.4145 1.9735 0.8794 -1.4074 -1.0567 -0.7689 0.0617 -0.6011 0.2204 1.0872 -1.0716 1.0236

Columns 8086 through 8100

0.3780 -1.0321 0.6050 0.0161 1.8587 -1.5566 0.5968 0.6945 0.6113 -0.7907 1.0271 -0.7302 -0.7946 -1.1640 0.3091

Columns 8101 through 8115

-0.3043 1.6110 1.9493 -0.4830 -0.9392 0.7866 -0.1575 -1.7023 1.7510 -0.4099 -0.1570 -0.8374 -0.4951 0.1972 0.2595

Columns 8116 through 8130

-1.0185 0.5317 -2.0738 -1.1054 -0.3579 0.3675 0.7334 -0.2873 -0.1145 -0.1941 -0.6809 0.6756 0.0452 0.6384 -0.7308

Columns 8131 through 8145

-0.3327 0.3463 0.8788 -0.0427 -1.2941 0.5198 0.0849 -0.2241 -1.7756 0.2427 0.8166 0.7612 0.4280 0.0039 -0.7675

Columns 8146 through 8160

1.3685 -0.8959 -0.7909 1.2232 0.0603 -0.2771 -0.3418 -0.3890 -0.4998 0.5017 -0.8518 0.7726 -1.0210 0.4168 0.9708

Columns 8161 through 8175

-0.0918 0.4826 -1.1203 -0.7247 0.2457 0.0796 0.3937 -0.6352 -1.9216 0.0785 -1.3706 0.1783 -1.0787 0.7292 -0.1567

Columns 8176 through 8190

-1.0212 -0.7559 2.2727 0.5225 0.0547 -0.8722 1.5619 0.2672 0.7411 -0.9486 -0.7900 0.0366 1.5558 0.1632 0.6707

Columns 8191 through 8205

-1.3362 -0.3608 1.7868 0.6437 0.3612 0.1504 -0.4530 1.6656 -0.2660 -1.3753 -0.1014 0.6009 -1.0410 1.4582 -0.8163

Columns 8206 through 8220

-0.1518 -1.3062 1.0123 0.1930 -0.1404 -0.4227 0.0104 -0.0480 0.5188 -0.6305 1.2908 0.1310 -0.0239 1.4982 -0.7435

Columns 8221 through 8235

0.9730 0.2938 -0.8661 0.4093 1.9169 0.2412 0.1594 -1.4354 1.7081 0.3292 -0.6550 -1.3102 0.1796 1.1400 -0.5364

Columns 8236 through 8250

-1.2986 -0.6632 1.6266 -2.0078 0.5041 -0.4770 -0.3440 0.8074 -0.2964 -0.4437 0.1491 1.0944 -0.8536 -0.6013 0.1445

Columns 8251 through 8265

-2.2665 1.0907 -0.5735 1.5637 0.2341 0.0065 0.3590 -0.7811 -1.7242 -0.4694 0.2817 0.0010 -0.4656 -0.8459 -1.7366

Columns 8266 through 8280

-0.6110 -0.4935 -0.1679 1.1652 -0.3176 -1.0036 0.4536 0.7200 -0.0509 -1.1018 1.0588 -0.2096 -0.5174 -1.0768 -1.5165

Columns 8281 through 8295

-0.2814 1.1671 -0.4429 3.2712 1.8702 1.4823 -0.0070 -0.4116 -1.5548 1.4848 -0.4793 2.2126 -0.2156 -0.7213 1.3428

Columns 8296 through 8310

0.9874 0.9200 0.2521 -0.1256 -1.5341 0.3062 -1.0887 1.1156 0.1954 0.7546 0.4216 0.2052 0.1445 -0.4067 -0.2429

Columns 8311 through 8325

-1.9090 0.8064 0.6612 -0.0503 0.3364 0.1297 0.5382 2.4420 0.3548 0.3428 0.0651 2.1132 0.6814 0.8737 -1.4435

Columns 8326 through 8340

-0.2824 2.1775 -0.5312 -0.6718 0.5779 1.0025 0.2741 -0.1385 -0.6792 1.5922 -2.2325 -1.2871 1.9045 0.9813 -0.4617

Columns 8341 through 8355

0.8433 1.6036 -1.0207 -1.0645 0.1736 0.8668 -0.0622 0.0083 0.6277 -0.9885 -0.4823 -1.4923 -1.5775 -0.0252 -0.8260

Columns 8356 through 8370

-0.8897 -2.1117 -1.1028 -1.2602 -0.0040 0.7951 -0.3922 1.0150 0.5898 -0.4700 0.5712 1.5920 1.3665 0.4694 -1.7404

Columns 8371 through 8385

-0.9648 -0.1131 -1.6112 -0.0141 -0.9715 0.4413 0.3642 -0.2696 -0.1188 0.4666 -0.7267 0.5101 -0.9236 -0.5286 -0.2399

Columns 8386 through 8400

-0.1605 -1.3830 -2.0396 -0.4427 1.7494 0.8593 -0.0824 0.2357 -1.1064 -0.9072 -0.4417 0.6527 0.1529 2.7517 1.1983

Columns 8401 through 8415

0.2494 0.0386 -1.3129 -2.4924 -2.2839 1.0275 -0.7285 -1.7803 -1.0485 -0.3183 0.8056 1.4276 0.6675 0.7317 -0.4023

Columns 8416 through 8430

0.1567 0.9835 0.8495 0.1135 -0.2657 -1.2214 1.3598 -0.5502 -0.7474 0.4931 -0.9555 -0.4314 -0.6467 -0.4311 -0.0518

Columns 8431 through 8445

1.0266 0.8527 0.0463 1.4821 0.6189 -0.0354 -0.0778 0.3106 0.3081 1.1170 1.1935 -0.5923 0.4030 0.0392 1.1084

Columns 8446 through 8460

-0.3015 1.9436 0.2907 -0.0196 0.8277 -0.5540 -1.5993 0.3177 0.7818 0.6317 -0.3474 -0.0003 -0.9536 0.6898 1.7423

Columns 8461 through 8475

-0.0436 -0.6882 1.1824 -1.1126 -0.3525 0.1573 -1.1133 1.1996 0.3716 -1.2448 -0.4184 -0.6755 -0.0400 -0.6163 -0.8598

Columns 8476 through 8490

-1.4152 -0.1759 0.2102 -1.2194 -0.1890 -0.5177 1.6728 0.3009 1.8639 -0.4066 1.3298 0.9525 0.3158 -1.6365 -1.1473

Columns 8491 through 8505

0.1629 1.3908 0.8729 0.6342 0.6036 -0.0113 -1.1798 0.5373 -1.1997 -0.7962 -0.1648 -1.8658 -0.6661 -0.0844 -0.9705

Columns 8506 through 8520

-1.0721 0.4834 1.2076 0.3984 0.3866 -1.1236 -0.6501 0.0950 -0.9103 0.7749 -1.0089 -0.2123 0.6630 -0.2807 -0.8200

Columns 8521 through 8535

-0.3097 -0.3443 0.9810 0.1220 -0.8964 -0.7906 -0.3150 -0.6703 -0.0377 0.1061 1.7912 -0.5720 0.1314 0.0589 -2.0578

Columns 8536 through 8550

-1.3128 2.0676 0.7200 0.8896 0.1178 -1.9838 0.2445 -0.4023 0.1308 0.9290 1.1262 -0.2137 -0.6156 -0.3132 0.5238

Columns 8551 through 8565

-0.3999 -1.7356 -0.2015 -1.1876 0.8828 -0.5840 0.5462 -0.7475 0.5890 -0.1883 1.2135 0.0404 0.2896 -0.1066 -0.1806

Columns 8566 through 8580

0.1385 -0.3940 -0.7588 0.3069 0.7201 -1.0714 -0.4514 1.3602 0.1545 1.6162 -0.0719 -1.5463 0.1951 0.4194 0.2785

Columns 8581 through 8595

-0.6871 -0.8960 -0.1078 -0.2637 1.8494 -2.1237 0.3110 0.4940 0.4071 -0.7331 -1.4983 1.2398 -0.7555 0.5283 -0.3628

Columns 8596 through 8610

-0.2910 -0.9294 0.0071 -1.0843 -0.3673 -1.7433 -0.6764 -0.1782 0.3618 -0.0784 0.4981 0.7382 1.8107 0.3289 -1.4797

Columns 8611 through 8625

0.5316 -0.7850 -0.2030 1.0051 1.1060 0.0206 0.4222 -0.0348 -0.5612 -1.9794 0.6870 -0.1238 1.3523 0.1748 -0.8623

Columns 8626 through 8640

-2.0709 -0.9980 1.1926 0.5000 -1.1260 -0.1168 0.5807 0.9442 0.4066 -0.4851 -0.2828 -2.0287 -0.1242 -1.3325 -0.6620

Columns 8641 through 8655

-0.3381 0.8114 -0.8954 0.0559 -0.3570 0.0258 0.6361 -0.9158 -1.1302 -1.1221 -0.4097 1.4731 -0.7048 -0.3902 -0.3255

Columns 8656 through 8670

-0.1264 -0.6140 -0.7200 -0.7591 -1.2381 -0.3607 1.4372 0.2911 0.6306 -1.1875 -0.4611 -0.6018 1.2832 -0.0803 -0.8811

Columns 8671 through 8685

0.1687 0.9348 0.7447 1.0059 0.4808 -0.1854 -0.6606 2.1048 0.2558 0.7590 -0.0458 0.0773 -0.4812 0.4393 -0.1093

Columns 8686 through 8700

0.2667 -1.6797 -0.4030 0.1009 -1.2961 0.4864 1.1923 0.3946 1.0947 0.8297 0.6914 0.4197 0.0457 -0.1502 0.6980

Columns 8701 through 8715

-0.4724 -1.0383 0.0643 -1.3690 1.7971 -0.0492 0.1958 -1.3461 -0.8660 -0.1472 -0.9612 -0.3451 -1.2870 -0.6268 0.4607

Columns 8716 through 8730

0.3207 0.8006 -2.1075 0.2380 0.0931 0.9749 0.4434 1.1500 -1.2527 1.2269 -1.9891 -0.4931 -1.6019 -0.9056 -1.0598

Columns 8731 through 8745

-0.2597 0.1156 -0.7976 -1.8745 -0.8182 0.6835 0.7317 -0.0960 1.0233 -0.8011 1.1375 -1.0728 -0.7583 0.3371 0.8721

Columns 8746 through 8760

0.6440 0.8151 0.0661 -1.1686 1.3424 0.7716 0.7198 0.8172 0.9669 -1.9561 0.5019 -1.0319 1.5131 -0.4659 1.1037

Columns 8761 through 8775

-1.7473 -1.3229 -0.5146 -0.0534 -1.5972 -0.6926 0.4749 -0.5387 -0.3452 -1.0536 0.6349 0.2465 1.8074 0.3985 1.6063

Columns 8776 through 8790

1.5881 -0.4236 1.3141 -0.6193 -0.9567 -0.6865 1.0554 0.0668 -0.4631 -0.3192 0.6051 0.6924 0.2714 -0.2856 -0.9172

Columns 8791 through 8805

-1.8814 -1.1146 0.6360 -0.7220 1.9278 -0.6313 -0.4143 -2.4755 1.6203 -1.8361 0.8758 -1.1638 -1.7722 -0.3710 0.5816

Columns 8806 through 8820

-1.4432 -1.6204 -1.6660 0.2559 0.7766 -0.5420 0.3033 -0.5776 -0.7279 -2.3054 0.7519 -0.0721 0.9869 -0.2770 -0.6785

Columns 8821 through 8835

-0.9435 1.6326 1.6659 0.1851 -1.5961 0.0242 0.9414 0.3403 1.8305 -0.5432 -0.2788 -2.9033 1.5721 2.3445 1.3896

Columns 8836 through 8850

0.2223 1.1481 0.1248 -0.8574 -0.5760 -1.1170 0.1885 -1.0205 -0.8160 -0.0472 0.6401 -1.3964 0.6872 -1.2775 0.9444

Columns 8851 through 8865

1.5757 3.2743 -0.7261 1.6469 1.1481 0.8456 0.2540 0.5714 0.1606 1.8007 -1.8005 -2.3606 1.4435 -1.2295 1.0524

Columns 8866 through 8880

1.7904 -0.5875 -0.1953 -0.6603 -0.6932 -0.1277 2.2026 -0.7451 0.4443 0.1582 0.2177 -0.9363 0.6006 2.0178 1.7249

Columns 8881 through 8895

-0.5523 -0.5192 -1.4305 -0.8194 -1.2799 1.4917 0.5249 1.2419 0.2920 -0.1082 -1.2544 -0.9040 -0.3410 -1.0294 -0.9622

Columns 8896 through 8910

-0.2015 0.4900 -0.1729 -0.8644 0.4167 1.5193 2.1204 1.0288 0.1103 -2.1403 -1.3768 -2.9609 -1.2612 -1.4399 0.2447

Columns 8911 through 8925

1.0292 0.5956 0.2507 0.7751 1.2144 -0.8206 -0.0128 -0.4683 -2.5188 0.8271 1.1115 -1.2999 -0.1092 0.9964 0.7785

Columns 8926 through 8940

1.7578 -1.4714 0.7614 -1.4793 1.9184 2.0998 -1.1796 1.9668 0.3853 0.3229 0.6773 0.1278 0.7574 2.0280 0.3245

Columns 8941 through 8955

-0.6743 -0.4747 -0.5608 0.2374 0.3804 0.5814 -0.3512 -0.2691 1.2231 -0.8200 -0.5226 -0.4669 1.3814 -0.1551 1.3555

Columns 8956 through 8970

-1.3183 -1.6836 0.8502 -0.9523 -0.1023 -0.3227 0.1472 -0.1757 0.3065 -0.8506 0.5497 0.2891 -1.9027 0.3766 1.3449

Columns 8971 through 8985

0.0179 -0.1133 -1.7205 0.3616 -0.3622 0.2717 -1.6562 0.1284 -1.3704 -0.1918 0.9852 -0.2227 0.4171 -1.3000 0.0118

Columns 8986 through 9000

0.6027 -1.2210 -1.1819 0.9597 0.8018 -0.5895 0.7388 0.5106 -1.0683 -0.7858 -0.4989 0.0779 1.1056 -0.6747 0.5337

Columns 9001 through 9015

0.9431 -1.2548 0.4196 0.0063 1.4019 1.0245 -1.0531 -0.5264 -0.6318 0.5120 0.5962 -0.1650 0.1889 -0.1759 -0.2359

Columns 9016 through 9030

1.4116 0.4397 0.8443 0.2081 -0.5661 0.4353 -1.2615 0.9977 -0.6645 1.6918 0.2027 -0.8288 0.1101 0.3334 0.5849

Columns 9031 through 9045

1.3532 -2.0778 -1.4404 -2.3521 -1.6309 -0.2067 -1.4300 -0.7898 1.8299 0.2008 -1.3308 0.4243 0.1743 1.3411 0.0987

Columns 9046 through 9060

0.9937 2.0284 1.3661 -0.3514 -0.4176 -0.6697 -0.3796 0.9608 1.8497 -0.3240 1.1968 -1.4415 0.4208 -0.5782 -0.1725

Columns 9061 through 9075

0.9642 0.9743 0.8115 0.1110 -0.2507 -0.5707 -0.4942 -2.3534 -0.7580 1.1936 -0.0754 -0.0959 -0.8437 -0.3077 0.8037

Columns 9076 through 9090

1.4381 0.4443 1.9459 -0.1658 -0.0605 1.1360 0.4144 1.1511 0.5114 0.2162 0.7214 0.1888 -0.4616 1.3414 -1.2185

Columns 9091 through 9105

0.1948 0.1752 0.2730 0.6727 -0.5098 -0.1210 0.7199 -0.2136 1.3316 -0.8193 -1.1493 -2.4584 0.6812 0.4505 0.7694

Columns 9106 through 9120

-0.0490 1.1109 -0.7358 -0.0363 -0.5126 -0.3414 -0.2137 0.0640 0.6975 -1.1892 -1.5971 0.0602 1.0766 -0.4075 0.8520

Columns 9121 through 9135

-0.2126 0.7066 0.0144 0.2391 0.8065 -0.1186 0.6944 -0.7446 -0.8254 -0.7209 -0.0409 0.7773 -1.0265 -0.5119 -0.1477

Columns 9136 through 9150

0.7577 0.2866 -0.2755 -0.5395 1.6181 -0.8577 0.9710 -2.0218 -0.5235 0.7835 0.9273 0.2800 0.8725 0.2133 -0.8801

Columns 9151 through 9165

-0.2080 -1.9329 0.1614 -0.7449 0.0163 1.8488 -0.1099 -0.6460 -2.5278 -0.0717 -1.5070 1.0197 -0.9942 0.0151 1.0034

Columns 9166 through 9180

-0.7123 0.2327 -0.7339 -0.8311 -1.8346 -0.4311 1.1665 -0.6328 0.3194 -0.0467 0.1432 0.3817 -0.6243 -0.9630 -0.3509

Columns 9181 through 9195

-0.2849 1.2296 0.0597 -1.5291 -0.1167 -0.5200 2.3207 1.2420 0.6822 0.9709 -0.4156 0.3332 0.0592 0.4678 0.8461

Columns 9196 through 9210

0.2128 -0.0406 -0.5862 1.0356 -1.1088 -0.0586 -0.1096 0.8660 0.2241 -0.3957 -0.3369 -0.5707 -0.0728 0.3582 0.1501

Columns 9211 through 9225

1.1860 0.6096 -1.1123 0.8574 0.4442 1.3941 -0.8499 -0.1941 1.6432 0.5383 0.2940 -0.6687 0.2478 0.2742 0.7836

Columns 9226 through 9240

0.3385 0.0215 -3.0610 0.0256 0.2994 1.1647 -1.8347 0.6090 0.5029 0.9547 -0.3991 -0.2069 1.2038 -0.2870 -2.0134

Columns 9241 through 9255

0.6897 2.0900 -1.6701 -1.2369 -1.5051 -0.2210 -0.1399 -0.8718 0.2461 1.5443 -0.2669 -0.0065 0.4067 2.2308 -0.6339

Columns 9256 through 9270

0.7835 -0.6597 -0.0378 2.2258 2.2195 0.7766 0.6450 0.4127 -0.7610 1.1577 -1.1894 -1.8447 -0.3976 -0.5608 -0.4140

Columns 9271 through 9285

-0.9150 -2.2457 -2.3475 -0.2566 0.6103 0.7396 1.6570 0.6279 1.5906 0.3670 1.0295 1.3507 0.7781 -0.3830 0.5084

Columns 9286 through 9300

-0.7259 0.7937 -1.1505 -0.9602 -0.9800 -0.2036 0.3543 1.0881 -1.1494 1.0100 0.1299 -0.0692 -0.0633 -1.2236 0.3388

Columns 9301 through 9315

0.1264 1.8785 -0.8496 0.4517 0.7890 -0.6892 -0.7091 -1.9758 -0.6234 1.5673 0.7733 -1.3004 -0.5445 -0.9843 1.6500

Columns 9316 through 9330

-0.6349 0.0802 0.6509 0.3555 -1.3008 0.3799 0.8681 0.3638 -1.4625 -0.8637 -0.2750 0.4017 -1.3027 0.3421 -0.8751

Columns 9331 through 9345

-1.3559 0.4381 1.1052 1.0798 0.4367 0.6961 0.3361 0.7826 -0.0318 -0.3719 -0.2806 0.6722 -0.4494 1.5801 -1.9805

Columns 9346 through 9360

-0.6596 -1.9915 -0.4729 0.4733 -0.8481 -1.8866 -1.1141 -0.2812 0.7251 1.3728 0.7737 -1.1751 0.8113 1.7104 0.0319

Columns 9361 through 9375

-0.9100 0.4824 0.7246 1.4069 0.5241 -0.3172 2.0849 -0.3014 1.4599 0.1635 -0.6516 0.8106 1.0644 -0.3837 1.4188

Columns 9376 through 9390

-1.9819 -0.2029 -1.2212 -0.0602 -1.6034 -1.7193 0.1326 -0.2888 -1.2536 -1.8723 -0.8403 0.9614 0.2383 -0.9267 -0.2389

Columns 9391 through 9405

-0.4013 1.2143 -0.2215 0.5488 0.8556 -1.2630 -0.2173 0.9438 -0.1019 0.0935 -0.3071 0.0590 -0.4046 -0.8761 -0.5885

Columns 9406 through 9420

-1.7091 -1.2739 -1.2272 -0.7349 0.4966 0.8097 -0.7347 1.4872 0.0020 -0.0567 -1.2267 -0.9747 -0.0762 -0.8364 0.2553

Columns 9421 through 9435

1.3803 2.0412 0.7539 1.3607 -0.3453 -0.0005 1.1009 0.6086 -1.0549 0.4374 -0.5328 -1.0503 0.0008 -1.6022 0.0862

Columns 9436 through 9450

-0.5686 0.3771 -0.0772 0.8531 -0.1713 -0.1716 1.4250 0.7852 0.8065 0.5451 -1.9774 -0.0577 -1.4238 -1.1475 -0.7932

Columns 9451 through 9465

2.1158 -1.0303 -0.4291 -0.1270 1.4437 -1.3735 1.5393 0.2232 1.1076 1.8578 -0.5865 0.0313 0.6968 -1.4040 -1.0557

Columns 9466 through 9480

1.5085 0.2881 1.6970 -0.6153 -0.0022 -0.1692 1.0450 -0.2509 1.3413 -0.2423 0.2288 -0.5856 -0.7640 0.6536 0.0604

Columns 9481 through 9495

0.3967 0.4018 1.4374 0.0102 0.5522 3.0035 1.4308 1.8963 0.4991 1.1567 0.6119 0.0952 1.5253 0.8609 -0.5781

Columns 9496 through 9510

-1.2285 0.1341 -0.6339 -0.4299 -1.0977 -0.7062 -0.7585 0.4395 0.3054 -0.7473 -0.6045 0.1175 0.3401 -1.8288 -0.9611

Columns 9511 through 9525

-0.9942 0.8232 0.2574 -0.0044 -0.2010 0.2466 -0.7421 0.0569 -1.1989 -0.4354 -0.5858 -0.5651 -0.4944 0.9028 0.2078

Columns 9526 through 9540

1.6866 -0.2857 -0.3638 0.9999 -0.1704 0.0782 -0.3507 -0.5532 -0.0714 0.0427 -0.8760 -0.6908 0.7887 0.7765 -1.1143

Columns 9541 through 9555

1.6969 0.5281 1.6211 1.6987 -1.1709 0.1479 2.2234 -2.0493 -0.1943 -0.4318 0.5918 -1.7057 -0.8873 2.9071 0.5882

Columns 9556 through 9570

0.3849 0.0935 1.9499 -1.1342 -0.2646 0.5871 -1.1517 -0.5067 -0.1699 -0.3158 1.1693 -1.4660 2.2005 0.2384 0.4031

Columns 9571 through 9585

-0.2777 -1.0250 -1.6656 0.1999 0.6017 -0.1517 2.1519 -0.8746 0.2989 -0.7393 -1.2380 -1.3230 -0.5494 -0.1748 1.7316

Columns 9586 through 9600

-0.5347 0.7999 0.7269 -0.6213 0.7247 -0.2739 0.5286 0.8893 -0.0540 0.2797 -0.5991 -0.0854 -0.3004 0.2720 0.5334

Columns 9601 through 9615

0.2282 0.7713 0.3343 -1.5487 0.0926 -0.6676 -0.0242 -1.2021 -1.3859 0.6488 -0.1219 -0.1031 -0.9081 -0.9618 1.7235

Columns 9616 through 9630

1.0070 -0.0065 -0.7719 1.0020 -1.1803 -1.9906 -0.0606 2.4376 0.7858 0.7304 -0.7335 0.6425 -1.0103 -0.0324 -0.6894

Columns 9631 through 9645

-0.4189 1.5269 0.4505 0.9103 0.7028 0.2117 1.4686 -0.3068 0.4647 -0.6709 0.9517 -1.1557 -1.2026 -1.0468 0.1453

Columns 9646 through 9660

0.8274 -1.1526 1.7192 0.2547 -1.0955 0.4091 0.4601 -0.2683 0.7623 -0.2441 -1.2641 -0.0510 0.4191 -0.6556 0.3053

Columns 9661 through 9675

-0.6831 0.7311 0.1165 -0.9036 -0.1936 -0.4412 1.0054 -0.8782 -1.9546 0.1990 -1.6733 -2.2094 0.3288 -0.0773 0.8621

Columns 9676 through 9690

-1.6272 0.5434 1.2143 0.4540 0.2152 1.6494 0.5430 0.7541 1.0305 0.5352 -1.6953 -0.3999 0.9502 -0.5106 -0.7941

Columns 9691 through 9705

0.0229 -0.1213 0.6509 -1.3505 -1.8632 1.6829 -1.5652 -1.2254 0.4432 1.4725 -1.1131 -0.7981 0.2956 1.4213 0.2022

Columns 9706 through 9720

-0.9309 -0.9169 -0.6712 0.7352 -0.6859 0.3469 -1.1328 0.2812 1.0815 -0.5719 -1.1855 0.8154 0.2019 -0.8396 -0.1041

Columns 9721 through 9735

0.5190 -1.3475 0.1839 -0.5268 -1.0765 2.0221 0.5953 0.9115 1.3514 0.8205 -0.1814 -0.0356 -1.4253 -1.6711 0.6395

Columns 9736 through 9750

-0.0255 1.4060 -1.0048 0.5473 -1.2228 2.4171 -0.6673 0.6277 0.4804 0.6874 1.7060 -0.8414 1.0072 -1.2864 -0.0040

Columns 9751 through 9765

-2.7657 -0.6585 -0.7907 0.4335 0.6281 0.0562 -0.4864 -0.5683 0.0943 -1.3322 0.3337 -0.7778 -1.3574 -0.4996 -1.1873

Columns 9766 through 9780

1.3068 0.1692 0.7767 -1.5426 1.5652 -0.6140 0.6866 -0.3688 1.3578 0.5436 -0.4735 1.0287 -0.6030 1.5494 -1.9684

Columns 9781 through 9795

-0.3732 0.1014 -0.0439 1.6871 0.0770 -0.7025 0.1440 0.7080 -0.0697 -0.8540 -0.0286 0.2747 -1.3990 0.0372 -1.6064

Columns 9796 through 9810

1.0537 1.5999 -0.8727 -1.1898 0.6153 -1.0337 0.1976 -1.5555 -0.7146 -1.0215 -0.7075 -2.1740 -0.4974 0.6584 1.3906

Columns 9811 through 9825

-1.3140 1.3250 -0.5760 -1.6735 -0.2319 -0.5512 0.5248 -1.0328 0.2365 -1.0728 -0.1823 -0.1638 0.6288 -0.4092 -0.4135

Columns 9826 through 9840

0.1986 -0.2509 0.6545 0.0156 1.4699 -2.4516 0.6810 -0.5904 -0.0570 1.2533 1.2233 0.5960 -1.5837 0.5443 0.1297

Columns 9841 through 9855

-1.0161 -0.6970 0.3858 -1.6772 -0.3875 1.6326 -0.7616 1.5258 0.2669 0.2265 -0.4836 -1.3094 0.4426 0.2012 -0.1241

Columns 9856 through 9870

-0.2364 -0.6389 -0.3587 -0.7873 0.5617 1.0738 -0.4895 0.7767 -0.4616 -0.8345 -0.7857 -0.5827 0.5648 -1.1178 -0.3587

Columns 9871 through 9885

0.4771 0.0486 -0.2100 -1.0124 0.0441 -2.3974 -2.3001 1.6941 -0.0035 0.2600 -1.7321 -0.7656 2.9852 0.5223 0.5049

Columns 9886 through 9900

0.4928 -0.5072 0.2886 0.4651 0.7607 -1.3150 -0.5123 0.8500 1.7969 1.0135 -1.1270 1.9078 1.2480 -0.5435 0.6148

Columns 9901 through 9915

-0.4603 0.8781 0.8675 -1.6776 -0.8103 -0.4655 -1.0168 0.9302 -1.3260 -1.5534 1.0216 -0.5530 -1.4142 0.6566 -0.7995

Columns 9916 through 9930

0.4462 -0.1959 -0.5145 1.0566 -0.0202 -0.4550 -1.4161 0.6696 -1.1377 0.7650 -0.1810 0.7125 -2.4625 -0.9476 -0.1985

Columns 9931 through 9945

0.5176 2.1262 -0.4811 -0.1672 -1.0693 2.0182 -1.4600 -0.0208 -1.4409 0.6106 -0.4441 -1.9419 0.6736 -1.1051 1.5423

Columns 9946 through 9960

0.8871 1.9302 0.2398 -0.7555 0.2970 -0.0920 -0.9635 0.7533 -0.6018 1.1590 -0.7020 -0.9697 1.1836 -2.0540 -1.3979

Columns 9961 through 9975

-0.5239 0.1990 1.0228 -0.4541 1.3816 0.0236 0.4624 -0.9148 0.2389 1.9682 0.5021 -0.6218 0.6755 0.5407 -0.0253

Columns 9976 through 9990

1.3259 -1.0862 -0.3045 0.0761 -0.0482 0.9485 0.0693 0.6397 -0.3546 -0.8055 -0.1297 -0.8383 -0.8183 -0.0887 1.1875

Columns 9991 through 10000

0.2340 0.8782 -1.8392 0.9956 -1.0843 -0.6823 0.9092 0.9742 0.5576 2.3246

ans =

-0.0126

ans =

1.0146

随着样本容量K的增加，样本均值与总体均值越来越接近，样本方差与总体方差越来越接近

作业二

a=normrnd(0,1,1,5000);

mean(a);

var(a);

subplot(3,1,1)

histfit(a)

b=normrnd(4,1,1,5000)

mean(b);

var(b);

subplot(3,1,2)

histfit(b)

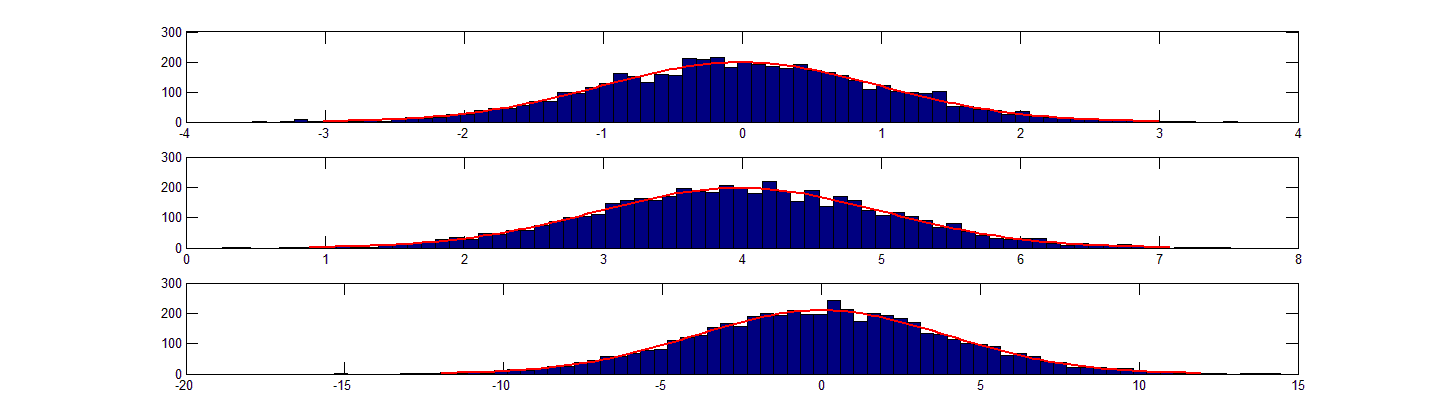
c=normrnd(0,4,1,5000)

mean(c);

var(c);

subplot(3,1,3)

histfit(c)



期望的大小影响函数曲线在x轴方向上的位置，曲线对称轴趋向于期望的x坐标

方差越大，函数曲线越趋向于y轴方向上数值减小，x方向上数据量增加