**第一题**

啊>> X=poissrnd(15,1,500)

X =

Columns 1 through 16

9 11 20 15 9 7 14 18 12 8 16 8 10 20 16 19

Columns 17 through 32

19 8 18 25 15 14 15 12 11 17 17 8 15 11 16 8

Columns 33 through 48

16 20 9 11 11 18 14 17 15 9 12 17 17 15 9 14

Columns 49 through 64

25 27 14 18 16 10 17 23 17 16 15 12 22 20 17 23

Columns 65 through 80

22 13 15 12 17 15 14 19 19 9 15 17 16 8 17 19

Columns 81 through 96

9 16 20 11 31 14 14 14 12 13 17 11 7 17 18 14

Columns 97 through 112

12 14 12 17 14 13 18 15 9 17 21 18 15 8 16 17

Columns 113 through 128

14 13 20 20 14 26 11 10 17 21 11 13 19 14 15 13

Columns 129 through 144

16 17 23 21 14 16 11 14 17 15 10 13 12 19 10 18

Columns 145 through 160

11 15 22 20 13 14 12 13 10 11 17 23 17 12 19 15

Columns 161 through 176

14 19 21 15 18 17 6 26 17 14 14 17 12 12 17 6

Columns 177 through 192

15 14 18 6 12 16 15 21 18 15 17 28 7 19 17 12

Columns 193 through 208

17 14 17 14 23 15 14 20 17 11 10 10 21 16 16 15

Columns 209 through 224

16 15 13 8 10 13 13 26 15 10 12 17 18 15 14 15

Columns 225 through 240

17 16 18 15 17 21 25 15 10 16 11 13 17 15 15 16

Columns 241 through 256

10 15 13 20 13 9 19 12 19 18 15 15 19 20 18 17

Columns 257 through 272

13 6 17 12 14 8 17 14 20 14 19 17 9 12 11 13

Columns 273 through 288

19 18 12 11 11 15 15 6 17 15 11 10 14 15 29 12

Columns 289 through 304

13 16 18 14 17 18 11 13 13 12 13 14 12 15 17 10

Columns 305 through 320

19 19 10 10 11 12 19 11 13 13 19 17 16 26 21 16

Columns 321 through 336

22 12 14 22 12 15 14 16 5 18 17 15 11 12 10 7

Columns 337 through 352

9 21 20 13 14 16 17 15 18 18 14 14 9 9 19 15

Columns 353 through 368

13 23 22 18 20 13 10 15 17 15 19 11 16 16 8 19

Columns 369 through 384

20 5 13 16 17 15 19 10 22 19 12 22 13 13 11 12

Columns 385 through 400

15 12 17 18 15 12 17 15 7 17 18 11 15 14 23 8

Columns 401 through 416

22 18 14 17 16 20 15 13 17 18 21 22 18 12 13 16

Columns 417 through 432

12 13 12 22 17 17 21 16 14 19 13 21 15 19 13 16

Columns 433 through 448

22 21 20 22 13 22 18 12 18 13 17 16 12 10 14 15

Columns 449 through 464

14 15 18 10 20 16 18 9 17 20 15 8 14 12 11 21

Columns 465 through 480

15 16 22 14 15 23 17 19 13 13 13 14 14 11 11 7

Columns 481 through 496

15 14 19 10 9 14 12 11 13 14 17 5 22 18 15 18

Columns 497 through 500

16 12 10 15

>> Y=-3\*X+1

Y =

Columns 1 through 16

-26 -32 -59 -44 -26 -20 -41 -53 -35 -23 -47 -23 -29 -59 -47 -56

Columns 17 through 32

-56 -23 -53 -74 -44 -41 -44 -35 -32 -50 -50 -23 -44 -32 -47 -23

Columns 33 through 48

-47 -59 -26 -32 -32 -53 -41 -50 -44 -26 -35 -50 -50 -44 -26 -41

Columns 49 through 64

-74 -80 -41 -53 -47 -29 -50 -68 -50 -47 -44 -35 -65 -59 -50 -68

Columns 65 through 80

-65 -38 -44 -35 -50 -44 -41 -56 -56 -26 -44 -50 -47 -23 -50 -56

Columns 81 through 96

-26 -47 -59 -32 -92 -41 -41 -41 -35 -38 -50 -32 -20 -50 -53 -41

Columns 97 through 112

-35 -41 -35 -50 -41 -38 -53 -44 -26 -50 -62 -53 -44 -23 -47 -50

Columns 113 through 128

-41 -38 -59 -59 -41 -77 -32 -29 -50 -62 -32 -38 -56 -41 -44 -38

Columns 129 through 144

-47 -50 -68 -62 -41 -47 -32 -41 -50 -44 -29 -38 -35 -56 -29 -53

Columns 145 through 160

-32 -44 -65 -59 -38 -41 -35 -38 -29 -32 -50 -68 -50 -35 -56 -44

Columns 161 through 176

-41 -56 -62 -44 -53 -50 -17 -77 -50 -41 -41 -50 -35 -35 -50 -17

Columns 177 through 192

-44 -41 -53 -17 -35 -47 -44 -62 -53 -44 -50 -83 -20 -56 -50 -35

Columns 193 through 208

-50 -41 -50 -41 -68 -44 -41 -59 -50 -32 -29 -29 -62 -47 -47 -44

Columns 209 through 224

-47 -44 -38 -23 -29 -38 -38 -77 -44 -29 -35 -50 -53 -44 -41 -44

Columns 225 through 240

-50 -47 -53 -44 -50 -62 -74 -44 -29 -47 -32 -38 -50 -44 -44 -47

Columns 241 through 256

-29 -44 -38 -59 -38 -26 -56 -35 -56 -53 -44 -44 -56 -59 -53 -50

Columns 257 through 272

-38 -17 -50 -35 -41 -23 -50 -41 -59 -41 -56 -50 -26 -35 -32 -38

Columns 273 through 288

-56 -53 -35 -32 -32 -44 -44 -17 -50 -44 -32 -29 -41 -44 -86 -35

Columns 289 through 304

-38 -47 -53 -41 -50 -53 -32 -38 -38 -35 -38 -41 -35 -44 -50 -29

Columns 305 through 320

-56 -56 -29 -29 -32 -35 -56 -32 -38 -38 -56 -50 -47 -77 -62 -47

Columns 321 through 336

-65 -35 -41 -65 -35 -44 -41 -47 -14 -53 -50 -44 -32 -35 -29 -20

Columns 337 through 352

-26 -62 -59 -38 -41 -47 -50 -44 -53 -53 -41 -41 -26 -26 -56 -44

Columns 353 through 368

-38 -68 -65 -53 -59 -38 -29 -44 -50 -44 -56 -32 -47 -47 -23 -56

Columns 369 through 384

-59 -14 -38 -47 -50 -44 -56 -29 -65 -56 -35 -65 -38 -38 -32 -35

Columns 385 through 400

-44 -35 -50 -53 -44 -35 -50 -44 -20 -50 -53 -32 -44 -41 -68 -23

Columns 401 through 416

-65 -53 -41 -50 -47 -59 -44 -38 -50 -53 -62 -65 -53 -35 -38 -47

Columns 417 through 432

-35 -38 -35 -65 -50 -50 -62 -47 -41 -56 -38 -62 -44 -56 -38 -47

Columns 433 through 448

-65 -62 -59 -65 -38 -65 -53 -35 -53 -38 -50 -47 -35 -29 -41 -44

Columns 449 through 464

-41 -44 -53 -29 -59 -47 -53 -26 -50 -59 -44 -23 -41 -35 -32 -62

Columns 465 through 480

-44 -47 -65 -41 -44 -68 -50 -56 -38 -38 -38 -41 -41 -32 -32 -20

Columns 481 through 496

-44 -41 -56 -29 -26 -41 -35 -32 -38 -41 -50 -14 -65 -53 -44 -53

Columns 497 through 500

-47 -35 -29 -44

第二题

>> mean(X),mean(Y),var(X),var(Y)

ans =

15.1380

ans =

-44.4140

ans =

17.3096

ans =

155.7862

>> cov(X,Y)

ans =

17.3096 -51.9287

-51.9287 155.7862

>> corrcoef(X,Y)

ans =

1 -1

-1 1

第三题

>> X=poissrnd(15,1,500)

X =

Columns 1 through 16

14 12 11 14 15 17 25 11 14 19 10 24 20 9 17 18

Columns 17 through 32

15 11 10 10 13 16 11 5 18 21 19 15 18 10 12 12

Columns 33 through 48

22 12 12 18 9 9 6 13 19 12 17 12 11 10 22 16

Columns 49 through 64

20 11 19 17 20 16 13 9 16 18 13 15 18 17 17 18

Columns 65 through 80

18 10 17 16 14 21 11 12 15 16 9 9 18 14 12 14

Columns 81 through 96

14 11 11 15 13 16 14 13 18 17 14 10 13 12 11 17

Columns 97 through 112

13 14 14 16 20 10 19 16 23 13 12 16 8 22 16 13

Columns 113 through 128

21 11 18 16 11 19 12 17 19 14 8 14 16 13 22 15

Columns 129 through 144

16 15 12 11 11 13 18 18 16 13 24 15 19 18 16 16

Columns 145 through 160

10 14 17 20 16 10 16 20 13 19 15 15 13 22 13 11

Columns 161 through 176

19 15 16 16 12 16 14 16 14 17 22 15 14 20 15 12

Columns 177 through 192

16 15 8 12 19 24 10 15 24 16 12 14 12 18 15 15

Columns 193 through 208

16 18 17 13 7 16 10 14 24 16 14 16 18 20 19 14

Columns 209 through 224

17 16 19 11 17 13 19 16 11 16 15 11 12 15 13 19

Columns 225 through 240

12 10 20 15 14 13 13 11 25 12 12 12 17 16 7 23

Columns 241 through 256

21 15 16 13 18 16 17 8 14 17 16 20 17 14 18 22

Columns 257 through 272

8 13 12 14 19 14 10 8 10 16 9 10 18 13 12 16

Columns 273 through 288

8 13 12 16 20 16 16 13 17 18 16 16 19 16 22 18

Columns 289 through 304

23 19 10 22 13 14 19 11 19 18 12 16 17 10 19 15

Columns 305 through 320

22 16 17 20 15 10 18 18 13 17 12 13 15 15 19 16

Columns 321 through 336

18 14 11 14 17 14 17 12 15 15 10 19 13 14 17 13

Columns 337 through 352

16 13 12 12 12 13 18 18 15 21 7 12 16 11 19 12

Columns 353 through 368

10 19 12 17 19 23 20 19 8 16 16 10 15 9 11 16

Columns 369 through 384

14 22 10 16 14 15 17 13 20 17 16 23 11 17 16 16

Columns 385 through 400

13 16 17 20 13 11 11 12 15 11 18 12 16 18 14 24

Columns 401 through 416

11 13 23 20 20 12 21 17 17 15 14 12 22 21 16 13

Columns 417 through 432

17 17 13 14 15 16 15 16 16 18 13 14 17 18 18 14

Columns 433 through 448

14 15 14 12 13 13 15 13 21 21 14 18 15 18 15 17

Columns 449 through 464

16 17 15 18 13 15 17 14 10 13 15 19 20 13 7 16

Columns 465 through 480

18 18 10 17 13 12 12 13 15 15 15 20 14 15 14 16

Columns 481 through 496

15 10 13 16 14 14 17 15 15 21 18 15 10 17 22 12

Columns 497 through 500

15 15 10 17

>> A=X.^(-2)

A =

Columns 1 through 9

0.0051 0.0069 0.0083 0.0051 0.0044 0.0035 0.0016 0.0083 0.0051

Columns 10 through 18

0.0028 0.0100 0.0017 0.0025 0.0123 0.0035 0.0031 0.0044 0.0083

Columns 19 through 27

0.0100 0.0100 0.0059 0.0039 0.0083 0.0400 0.0031 0.0023 0.0028

Columns 28 through 36

0.0044 0.0031 0.0100 0.0069 0.0069 0.0021 0.0069 0.0069 0.0031

Columns 37 through 45

0.0123 0.0123 0.0278 0.0059 0.0028 0.0069 0.0035 0.0069 0.0083

Columns 46 through 54

0.0100 0.0021 0.0039 0.0025 0.0083 0.0028 0.0035 0.0025 0.0039

Columns 55 through 63

0.0059 0.0123 0.0039 0.0031 0.0059 0.0044 0.0031 0.0035 0.0035

Columns 64 through 72

0.0031 0.0031 0.0100 0.0035 0.0039 0.0051 0.0023 0.0083 0.0069

Columns 73 through 81

0.0044 0.0039 0.0123 0.0123 0.0031 0.0051 0.0069 0.0051 0.0051

Columns 82 through 90

0.0083 0.0083 0.0044 0.0059 0.0039 0.0051 0.0059 0.0031 0.0035

Columns 91 through 99

0.0051 0.0100 0.0059 0.0069 0.0083 0.0035 0.0059 0.0051 0.0051

Columns 100 through 108

0.0039 0.0025 0.0100 0.0028 0.0039 0.0019 0.0059 0.0069 0.0039

Columns 109 through 117

0.0156 0.0021 0.0039 0.0059 0.0023 0.0083 0.0031 0.0039 0.0083

Columns 118 through 126

0.0028 0.0069 0.0035 0.0028 0.0051 0.0156 0.0051 0.0039 0.0059

Columns 127 through 135

0.0021 0.0044 0.0039 0.0044 0.0069 0.0083 0.0083 0.0059 0.0031

Columns 136 through 144

0.0031 0.0039 0.0059 0.0017 0.0044 0.0028 0.0031 0.0039 0.0039

Columns 145 through 153

0.0100 0.0051 0.0035 0.0025 0.0039 0.0100 0.0039 0.0025 0.0059

Columns 154 through 162

0.0028 0.0044 0.0044 0.0059 0.0021 0.0059 0.0083 0.0028 0.0044

Columns 163 through 171

0.0039 0.0039 0.0069 0.0039 0.0051 0.0039 0.0051 0.0035 0.0021

Columns 172 through 180

0.0044 0.0051 0.0025 0.0044 0.0069 0.0039 0.0044 0.0156 0.0069

Columns 181 through 189

0.0028 0.0017 0.0100 0.0044 0.0017 0.0039 0.0069 0.0051 0.0069

Columns 190 through 198

0.0031 0.0044 0.0044 0.0039 0.0031 0.0035 0.0059 0.0204 0.0039

Columns 199 through 207

0.0100 0.0051 0.0017 0.0039 0.0051 0.0039 0.0031 0.0025 0.0028

Columns 208 through 216

0.0051 0.0035 0.0039 0.0028 0.0083 0.0035 0.0059 0.0028 0.0039

Columns 217 through 225

0.0083 0.0039 0.0044 0.0083 0.0069 0.0044 0.0059 0.0028 0.0069

Columns 226 through 234

0.0100 0.0025 0.0044 0.0051 0.0059 0.0059 0.0083 0.0016 0.0069

Columns 235 through 243

0.0069 0.0069 0.0035 0.0039 0.0204 0.0019 0.0023 0.0044 0.0039

Columns 244 through 252

0.0059 0.0031 0.0039 0.0035 0.0156 0.0051 0.0035 0.0039 0.0025

Columns 253 through 261

0.0035 0.0051 0.0031 0.0021 0.0156 0.0059 0.0069 0.0051 0.0028

Columns 262 through 270

0.0051 0.0100 0.0156 0.0100 0.0039 0.0123 0.0100 0.0031 0.0059

Columns 271 through 279

0.0069 0.0039 0.0156 0.0059 0.0069 0.0039 0.0025 0.0039 0.0039

Columns 280 through 288

0.0059 0.0035 0.0031 0.0039 0.0039 0.0028 0.0039 0.0021 0.0031

Columns 289 through 297

0.0019 0.0028 0.0100 0.0021 0.0059 0.0051 0.0028 0.0083 0.0028

Columns 298 through 306

0.0031 0.0069 0.0039 0.0035 0.0100 0.0028 0.0044 0.0021 0.0039

Columns 307 through 315

0.0035 0.0025 0.0044 0.0100 0.0031 0.0031 0.0059 0.0035 0.0069

Columns 316 through 324

0.0059 0.0044 0.0044 0.0028 0.0039 0.0031 0.0051 0.0083 0.0051

Columns 325 through 333

0.0035 0.0051 0.0035 0.0069 0.0044 0.0044 0.0100 0.0028 0.0059

Columns 334 through 342

0.0051 0.0035 0.0059 0.0039 0.0059 0.0069 0.0069 0.0069 0.0059

Columns 343 through 351

0.0031 0.0031 0.0044 0.0023 0.0204 0.0069 0.0039 0.0083 0.0028

Columns 352 through 360

0.0069 0.0100 0.0028 0.0069 0.0035 0.0028 0.0019 0.0025 0.0028

Columns 361 through 369

0.0156 0.0039 0.0039 0.0100 0.0044 0.0123 0.0083 0.0039 0.0051

Columns 370 through 378

0.0021 0.0100 0.0039 0.0051 0.0044 0.0035 0.0059 0.0025 0.0035

Columns 379 through 387

0.0039 0.0019 0.0083 0.0035 0.0039 0.0039 0.0059 0.0039 0.0035

Columns 388 through 396

0.0025 0.0059 0.0083 0.0083 0.0069 0.0044 0.0083 0.0031 0.0069

Columns 397 through 405

0.0039 0.0031 0.0051 0.0017 0.0083 0.0059 0.0019 0.0025 0.0025

Columns 406 through 414

0.0069 0.0023 0.0035 0.0035 0.0044 0.0051 0.0069 0.0021 0.0023

Columns 415 through 423

0.0039 0.0059 0.0035 0.0035 0.0059 0.0051 0.0044 0.0039 0.0044

Columns 424 through 432

0.0039 0.0039 0.0031 0.0059 0.0051 0.0035 0.0031 0.0031 0.0051

Columns 433 through 441

0.0051 0.0044 0.0051 0.0069 0.0059 0.0059 0.0044 0.0059 0.0023

Columns 442 through 450

0.0023 0.0051 0.0031 0.0044 0.0031 0.0044 0.0035 0.0039 0.0035

Columns 451 through 459

0.0044 0.0031 0.0059 0.0044 0.0035 0.0051 0.0100 0.0059 0.0044

Columns 460 through 468

0.0028 0.0025 0.0059 0.0204 0.0039 0.0031 0.0031 0.0100 0.0035

Columns 469 through 477

0.0059 0.0069 0.0069 0.0059 0.0044 0.0044 0.0044 0.0025 0.0051

Columns 478 through 486

0.0044 0.0051 0.0039 0.0044 0.0100 0.0059 0.0039 0.0051 0.0051

Columns 487 through 495

0.0035 0.0044 0.0044 0.0023 0.0031 0.0044 0.0100 0.0035 0.0021

Columns 496 through 500

0.0069 0.0044 0.0044 0.0100 0.0035

>> B=X.^(-5)

B =

1.0e-003 \*

Columns 1 through 9

0.0019 0.0040 0.0062 0.0019 0.0013 0.0007 0.0001 0.0062 0.0019

Columns 10 through 18

0.0004 0.0100 0.0001 0.0003 0.0169 0.0007 0.0005 0.0013 0.0062

Columns 19 through 27

0.0100 0.0100 0.0027 0.0010 0.0062 0.3200 0.0005 0.0002 0.0004

Columns 28 through 36

0.0013 0.0005 0.0100 0.0040 0.0040 0.0002 0.0040 0.0040 0.0005

Columns 37 through 45

0.0169 0.0169 0.1286 0.0027 0.0004 0.0040 0.0007 0.0040 0.0062

Columns 46 through 54

0.0100 0.0002 0.0010 0.0003 0.0062 0.0004 0.0007 0.0003 0.0010

Columns 55 through 63

0.0027 0.0169 0.0010 0.0005 0.0027 0.0013 0.0005 0.0007 0.0007

Columns 64 through 72

0.0005 0.0005 0.0100 0.0007 0.0010 0.0019 0.0002 0.0062 0.0040

Columns 73 through 81

0.0013 0.0010 0.0169 0.0169 0.0005 0.0019 0.0040 0.0019 0.0019

Columns 82 through 90

0.0062 0.0062 0.0013 0.0027 0.0010 0.0019 0.0027 0.0005 0.0007

Columns 91 through 99

0.0019 0.0100 0.0027 0.0040 0.0062 0.0007 0.0027 0.0019 0.0019

Columns 100 through 108

0.0010 0.0003 0.0100 0.0004 0.0010 0.0002 0.0027 0.0040 0.0010

Columns 109 through 117

0.0305 0.0002 0.0010 0.0027 0.0002 0.0062 0.0005 0.0010 0.0062

Columns 118 through 126

0.0004 0.0040 0.0007 0.0004 0.0019 0.0305 0.0019 0.0010 0.0027

Columns 127 through 135

0.0002 0.0013 0.0010 0.0013 0.0040 0.0062 0.0062 0.0027 0.0005

Columns 136 through 144

0.0005 0.0010 0.0027 0.0001 0.0013 0.0004 0.0005 0.0010 0.0010

Columns 145 through 153

0.0100 0.0019 0.0007 0.0003 0.0010 0.0100 0.0010 0.0003 0.0027

Columns 154 through 162

0.0004 0.0013 0.0013 0.0027 0.0002 0.0027 0.0062 0.0004 0.0013

Columns 163 through 171

0.0010 0.0010 0.0040 0.0010 0.0019 0.0010 0.0019 0.0007 0.0002

Columns 172 through 180

0.0013 0.0019 0.0003 0.0013 0.0040 0.0010 0.0013 0.0305 0.0040

Columns 181 through 189

0.0004 0.0001 0.0100 0.0013 0.0001 0.0010 0.0040 0.0019 0.0040

Columns 190 through 198

0.0005 0.0013 0.0013 0.0010 0.0005 0.0007 0.0027 0.0595 0.0010

Columns 199 through 207

0.0100 0.0019 0.0001 0.0010 0.0019 0.0010 0.0005 0.0003 0.0004

Columns 208 through 216

0.0019 0.0007 0.0010 0.0004 0.0062 0.0007 0.0027 0.0004 0.0010

Columns 217 through 225

0.0062 0.0010 0.0013 0.0062 0.0040 0.0013 0.0027 0.0004 0.0040

Columns 226 through 234

0.0100 0.0003 0.0013 0.0019 0.0027 0.0027 0.0062 0.0001 0.0040

Columns 235 through 243

0.0040 0.0040 0.0007 0.0010 0.0595 0.0002 0.0002 0.0013 0.0010

Columns 244 through 252

0.0027 0.0005 0.0010 0.0007 0.0305 0.0019 0.0007 0.0010 0.0003

Columns 253 through 261

0.0007 0.0019 0.0005 0.0002 0.0305 0.0027 0.0040 0.0019 0.0004

Columns 262 through 270

0.0019 0.0100 0.0305 0.0100 0.0010 0.0169 0.0100 0.0005 0.0027

Columns 271 through 279

0.0040 0.0010 0.0305 0.0027 0.0040 0.0010 0.0003 0.0010 0.0010

Columns 280 through 288

0.0027 0.0007 0.0005 0.0010 0.0010 0.0004 0.0010 0.0002 0.0005

Columns 289 through 297

0.0002 0.0004 0.0100 0.0002 0.0027 0.0019 0.0004 0.0062 0.0004

Columns 298 through 306

0.0005 0.0040 0.0010 0.0007 0.0100 0.0004 0.0013 0.0002 0.0010

Columns 307 through 315

0.0007 0.0003 0.0013 0.0100 0.0005 0.0005 0.0027 0.0007 0.0040

Columns 316 through 324

0.0027 0.0013 0.0013 0.0004 0.0010 0.0005 0.0019 0.0062 0.0019

Columns 325 through 333

0.0007 0.0019 0.0007 0.0040 0.0013 0.0013 0.0100 0.0004 0.0027

Columns 334 through 342

0.0019 0.0007 0.0027 0.0010 0.0027 0.0040 0.0040 0.0040 0.0027

Columns 343 through 351

0.0005 0.0005 0.0013 0.0002 0.0595 0.0040 0.0010 0.0062 0.0004

Columns 352 through 360

0.0040 0.0100 0.0004 0.0040 0.0007 0.0004 0.0002 0.0003 0.0004

Columns 361 through 369

0.0305 0.0010 0.0010 0.0100 0.0013 0.0169 0.0062 0.0010 0.0019

Columns 370 through 378

0.0002 0.0100 0.0010 0.0019 0.0013 0.0007 0.0027 0.0003 0.0007

Columns 379 through 387

0.0010 0.0002 0.0062 0.0007 0.0010 0.0010 0.0027 0.0010 0.0007

Columns 388 through 396

0.0003 0.0027 0.0062 0.0062 0.0040 0.0013 0.0062 0.0005 0.0040

Columns 397 through 405

0.0010 0.0005 0.0019 0.0001 0.0062 0.0027 0.0002 0.0003 0.0003

Columns 406 through 414

0.0040 0.0002 0.0007 0.0007 0.0013 0.0019 0.0040 0.0002 0.0002

Columns 415 through 423

0.0010 0.0027 0.0007 0.0007 0.0027 0.0019 0.0013 0.0010 0.0013

Columns 424 through 432

0.0010 0.0010 0.0005 0.0027 0.0019 0.0007 0.0005 0.0005 0.0019

Columns 433 through 441

0.0019 0.0013 0.0019 0.0040 0.0027 0.0027 0.0013 0.0027 0.0002

Columns 442 through 450

0.0002 0.0019 0.0005 0.0013 0.0005 0.0013 0.0007 0.0010 0.0007

Columns 451 through 459

0.0013 0.0005 0.0027 0.0013 0.0007 0.0019 0.0100 0.0027 0.0013

Columns 460 through 468

0.0004 0.0003 0.0027 0.0595 0.0010 0.0005 0.0005 0.0100 0.0007

Columns 469 through 477

0.0027 0.0040 0.0040 0.0027 0.0013 0.0013 0.0013 0.0003 0.0019

Columns 478 through 486

0.0013 0.0019 0.0010 0.0013 0.0100 0.0027 0.0010 0.0019 0.0019

Columns 487 through 495

0.0007 0.0013 0.0013 0.0002 0.0005 0.0013 0.0100 0.0007 0.0002

Columns 496 through 500

0.0040 0.0013 0.0013 0.0100 0.0007

>> C=X.^(-10)

C =

1.0e-006 \*

Columns 1 through 9

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 10 through 18

0.0000 0.0001 0.0000 0.0000 0.0003 0.0000 0.0000 0.0000 0.0000

Columns 19 through 27

0.0001 0.0001 0.0000 0.0000 0.0000 0.1024 0.0000 0.0000 0.0000

Columns 28 through 36

0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 37 through 45

0.0003 0.0003 0.0165 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 46 through 54

0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 55 through 63

0.0000 0.0003 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 64 through 72

0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 73 through 81

0.0000 0.0000 0.0003 0.0003 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 82 through 90

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 91 through 99

0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 100 through 108

0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 109 through 117

0.0009 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 118 through 126

0.0000 0.0000 0.0000 0.0000 0.0000 0.0009 0.0000 0.0000 0.0000

Columns 127 through 135

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 136 through 144

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 145 through 153

0.0001 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000 0.0000

Columns 154 through 162

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 163 through 171

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 172 through 180

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0009 0.0000

Columns 181 through 189

0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 190 through 198

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0035 0.0000

Columns 199 through 207

0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 208 through 216

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 217 through 225

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 226 through 234

0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 235 through 243

0.0000 0.0000 0.0000 0.0000 0.0035 0.0000 0.0000 0.0000 0.0000

Columns 244 through 252

0.0000 0.0000 0.0000 0.0000 0.0009 0.0000 0.0000 0.0000 0.0000

Columns 253 through 261

0.0000 0.0000 0.0000 0.0000 0.0009 0.0000 0.0000 0.0000 0.0000

Columns 262 through 270

0.0000 0.0001 0.0009 0.0001 0.0000 0.0003 0.0001 0.0000 0.0000

Columns 271 through 279

0.0000 0.0000 0.0009 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 280 through 288

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 289 through 297

0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 298 through 306

0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000

Columns 307 through 315

0.0000 0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 316 through 324

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 325 through 333

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000

Columns 334 through 342

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 343 through 351

0.0000 0.0000 0.0000 0.0000 0.0035 0.0000 0.0000 0.0000 0.0000

Columns 352 through 360

0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 361 through 369

0.0009 0.0000 0.0000 0.0001 0.0000 0.0003 0.0000 0.0000 0.0000

Columns 370 through 378

0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 379 through 387

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 388 through 396

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 397 through 405

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 406 through 414

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 415 through 423

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 424 through 432

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 433 through 441

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 442 through 450

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 451 through 459

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000

Columns 460 through 468

0.0000 0.0000 0.0000 0.0035 0.0000 0.0000 0.0000 0.0001 0.0000

Columns 469 through 477

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Columns 478 through 486

0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000

Columns 487 through 495

0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000

Columns 496 through 500

0.0000 0.0000 0.0000 0.0001 0.0000

>> corrcoef(X,A)

ans =

1.0000 -0.8229

-0.8229 1.0000

>> corrcoef(X,B)

ans =

1.0000 -0.3911

-0.3911 1.0000

>> corrcoef(X,C)

ans =

1.0000 -0.1670

-0.1670 1.0000

相关系数增大