

2.5 weekly report

Hening Cui

2/3/2023

load library

```
library(tidyverse)
library(nlme)
library(lme4)
library(Seurat)
library(Matrix); library(stringr)
library(readr); library(here)
library(fitdistrplus); library(dplyr); library(plyr)
library(monocle)

library(pals)
library(ggplot2); library(viridis)
```

load data

```
load(file="/Users/cuihening/Desktop/shikun/seurat/robs/chicken_normalised_scanorama3.Robj")
```

Extract THMB4X expression data

```
tmsb4x=FetchData(object=chicken.integrated,vars=c('TMSB4X','ident'))
tmsb4x <- cbind(cell = rownames(tmsb4x), tmsb4x)
tmsb4x$time= sub("_.*","", tmsb4x$cell)
tmsb4x$time= as.numeric(sub(".*D","", tmsb4x$time))

write_csv(tmsb4x,"/Users/cuihening/Desktop/express.csv")
```

```

LMM1 <- lme (TMSB4X ~ time +ident, random = ~1 | time, data = tmsb4x, method='REML')
summary (LMM1)

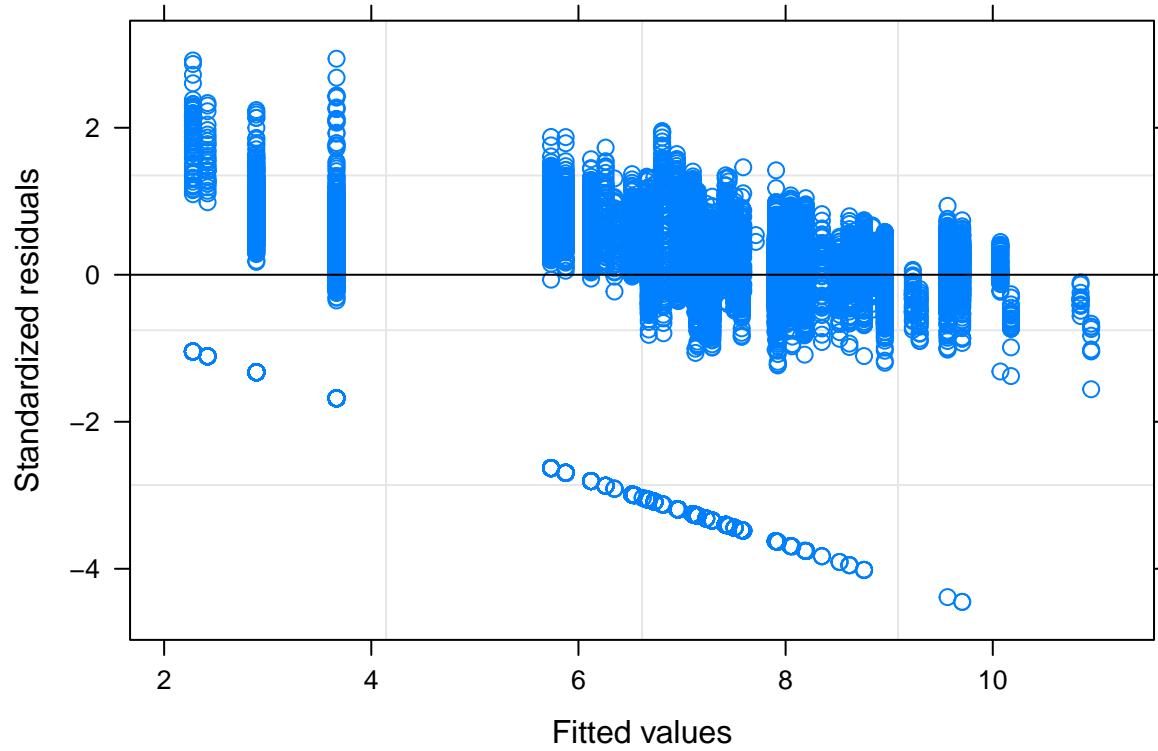
## Linear mixed-effects model fit by REML
## Data: tmsb4x
##      AIC      BIC logLik
## 98213.81 98358.03 -49088.9
##
## Random effects:
## Formula: ~1 | time
##             (Intercept) Residual
## StdDev:    0.3876681 2.180669
##
## Fixed effects: TMSB4X ~ time + ident
##                 Value Std.Error DF   t-value p-value
## (Intercept)     8.604272 0.5045159 22297 17.05451 0.0000
## time          -0.126327 0.0528064      2 -2.39226 0.1392
## identImmature myocardial cells -0.284910 0.0639846 22297 -4.45278 0.0000
## identCardiomyocytes-1       -0.842558 0.0626747 22297 -13.44334 0.0000
## identFibroblast cells       -0.446356 0.0667755 22297 -6.68443 0.0000
## identValve cells            0.607252 0.0753879 22297  8.05504 0.0000
## identCardiomyocytes-2       -0.155445 0.0738124 22297 -2.10594 0.0352
## identMural cells            -1.228358 0.0765822 22297 -16.03973 0.0000
## identEpi-epithelial cells   -0.343664 0.0880455 22297 -3.90326 0.0001
## identErythrocytes           -4.685979 0.0721934 22297 -64.90867 0.0000
## identTMSB4X high cells      2.599518 0.0871112 22297 29.84137 0.0000
## identVascular endothelial cells 0.944400 0.0878750 22297 10.74708 0.0000
## identEpi-mesenchymal cells  1.652023 0.1002903 22297 16.47241 0.0000
## identMT-enriched cardiomyocytes -0.425927 0.0923133 22297 -4.61393 0.0000
## identMacrophage              0.485711 0.1426695 22297  3.40445 0.0007
## identDendritic cells         2.497624 0.2738885 22297  9.11912 0.0000
##
## Correlation:
##                  (Intr) time idnImc idnC-1 idntFc idntVc
## time               -0.920
## identImmature myocardial cells -0.110  0.057
## identCardiomyocytes-1       -0.109  0.056  0.580
## identFibroblast cells       -0.104  0.054  0.552  0.540
## identValve cells            -0.116  0.067  0.541  0.539  0.512
## identCardiomyocytes-2       -0.112  0.063  0.531  0.530  0.503  0.545
## identMural cells            -0.035  0.001  0.264  0.270  0.253  0.221
## identEpi-epithelial cells   -0.092  0.051  0.470  0.458  0.436  0.446
## identErythrocytes           -0.104  0.056  0.529  0.521  0.495  0.512
## identTMSB4X high cells      -0.024 -0.005  0.212  0.219  0.205  0.179
## identVascular endothelial cells -0.030 -0.002  0.248  0.249  0.234  0.214
## identEpi-mesenchymal cells  -0.022 -0.004  0.192  0.196  0.184  0.161
## identMT-enriched cardiomyocytes -0.083  0.045  0.439  0.425  0.405  0.404
## identMacrophage              -0.047  0.023  0.240  0.240  0.228  0.241
## identDendritic cells         -0.029  0.016  0.153  0.147  0.141  0.140
##                               idnC-2 idntMrc idntEp-pc idntEr iTMShc idnVec
## time
## identImmature myocardial cells
## identCardiomyocytes-1
## identFibroblast cells
## identValve cells

```

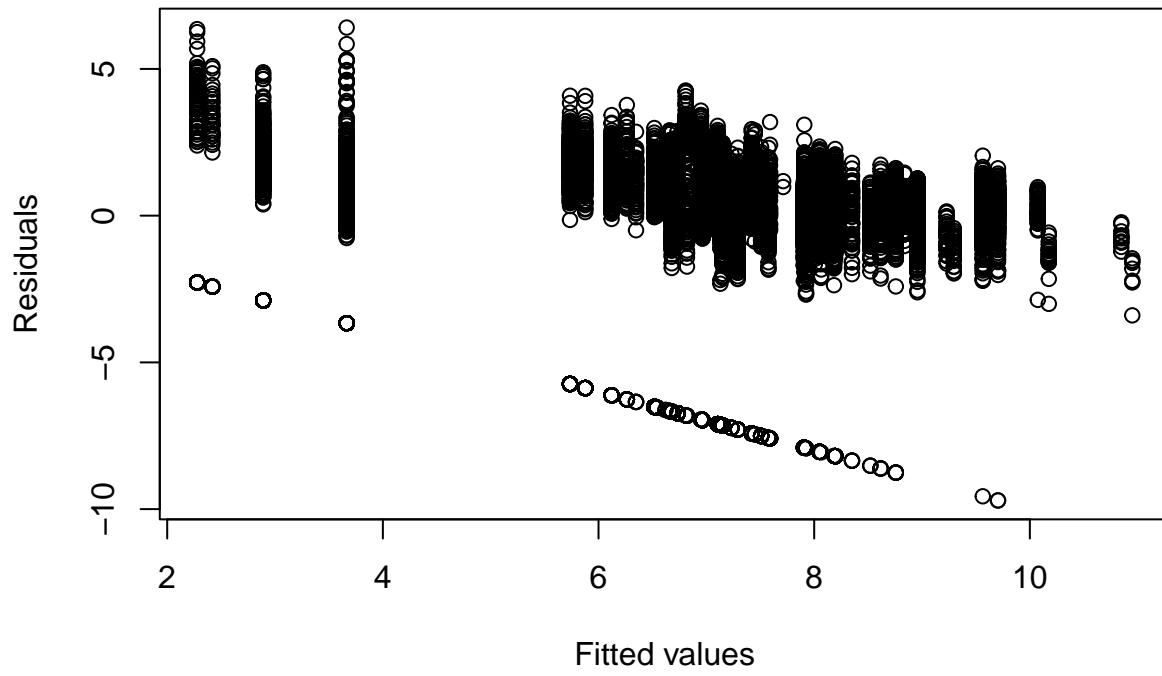
```

## identCardiomyocytes-2
## identMural cells          0.226
## identEpi-epithelial cells  0.436  0.189
## identErythrocytes         0.501  0.232  0.425
## identTMSB4X high cells    0.184  0.194  0.153   0.189
## identVascular endothelial cells 0.217  0.187  0.184   0.220  0.173
## identEpi-mesenchymal cells  0.165  0.168  0.138   0.170  0.151  0.151
## identMT-enriched cardiomyocytes 0.396  0.181  0.348   0.391  0.146  0.174
## identMacrophage           0.237  0.116  0.194   0.225  0.099  0.113
## identDendritic cells       0.137  0.061  0.121   0.136  0.049  0.060
##                                         idntEp-mc idMT-c idntMcr
## time
## identImmature myocardial cells
## identCardiomyocytes-1
## identFibroblast cells
## identValve cells
## identCardiomyocytes-2
## identMural cells
## identEpi-epithelial cells
## identErythrocytes
## identTMSB4X high cells
## identVascular endothelial cells
## identEpi-mesenchymal cells
## identMT-enriched cardiomyocytes  0.132
## identMacrophage               0.088     0.177
## identDendritic cells          0.045     0.113  0.061
##
## Standardized Within-Group Residuals:
##      Min       Q1       Med       Q3       Max
## -4.45027528 -0.09504531  0.21803860  0.51885624  2.93959409
##
## Number of Observations: 22315
## Number of Groups: 4
plot(LMM1)

```

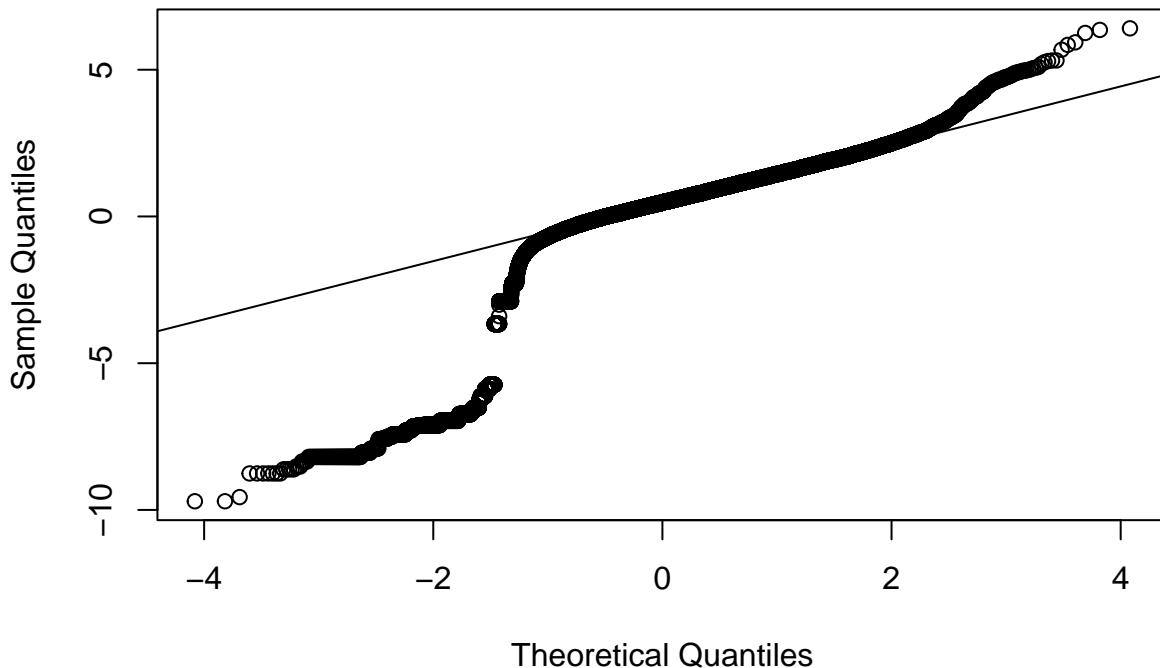


```
plot(resid(LMM1) ~ fitted(LMM1), xlab = "Fitted values", ylab = "Residuals")
```



```
qqnorm(resid(LMM1))
qqline(resid(LMM1))
```

Normal Q-Q Plot



Data exploration

```
tmsb4x2=FetchData(object=chicken.integrated, vars=c('TMSB4X', 'ident'))
tmsb4x2 <- cbind(cell = rownames(tmsb4x2), tmsb4x2)
tmsb4x2$time= sub("_.*", "", tmsb4x2$cell)
tmsb4x2$time= sub(".*D", "", tmsb4x2$time)

LMM2 <- lme (TMSB4X ~ time + ident, random = ~1 | time, data = tmsb4x, method='REML')
summary (LMM2)

## Linear mixed-effects model fit by REML
##   Data: tmsb4x
##       AIC     BIC   logLik
##   98213.81 98358.03 -49088.9
##
## Random effects:
##   Formula: ~1 | time
##             (Intercept) Residual
##   StdDev:    0.3876681 2.180669
##
## Fixed effects: TMSB4X ~ time + ident
##                               Value Std.Error   DF   t-value p-value
##   (Intercept)           8.604272 0.5045159 22297 17.05451 0.0000
##   time                 -0.126327 0.0528064      2 -2.39226 0.1392
##   identImmature myocardial cells -0.284910 0.0639846 22297 -4.45278 0.0000
##   identCardiomyocytes-1   -0.842558 0.0626747 22297 -13.44334 0.0000
##   identFibroblast cells  -0.446356 0.0667755 22297 -6.68443 0.0000
##   identValve cells        0.607252 0.0753879 22297  8.05504 0.0000
##   identCardiomyocytes-2  -0.155445 0.0738124 22297 -2.10594 0.0352
```

```

## identMural cells           -1.228358 0.0765822 22297 -16.03973 0.0000
## identEpi-epithelial cells -0.343664 0.0880455 22297 -3.90326 0.0001
## identErythrocytes         -4.685979 0.0721934 22297 -64.90867 0.0000
## identTMSB4X high cells    2.599518 0.0871112 22297 29.84137 0.0000
## identVascular endothelial cells 0.944400 0.0878750 22297 10.74708 0.0000
## identEpi-mesenchymal cells 1.652023 0.1002903 22297 16.47241 0.0000
## identMT-enriched cardiomyocytes -0.425927 0.0923133 22297 -4.61393 0.0000
## identMacrophage            0.485711 0.1426695 22297 3.40445 0.0007
## identDendritic cells       2.497624 0.2738885 22297 9.11912 0.0000
## Correlation:
##                                     (Intr) time idnImc idnC-1 idntFc idntVc
## time                                -0.920
## identImmature myocardial cells     -0.110 0.057
## identCardiomyocytes-1              -0.109 0.056 0.580
## identFibroblast cells             -0.104 0.054 0.552 0.540
## identValve cells                  -0.116 0.067 0.541 0.539 0.512
## identCardiomyocytes-2              -0.112 0.063 0.531 0.530 0.503 0.545
## identMural cells                  -0.035 0.001 0.264 0.270 0.253 0.221
## identEpi-epithelial cells         -0.092 0.051 0.470 0.458 0.436 0.446
## identErythrocytes                -0.104 0.056 0.529 0.521 0.495 0.512
## identTMSB4X high cells           -0.024 -0.005 0.212 0.219 0.205 0.179
## identVascular endothelial cells -0.030 -0.002 0.248 0.249 0.234 0.214
## identEpi-mesenchymal cells      -0.022 -0.004 0.192 0.196 0.184 0.161
## identMT-enriched cardiomyocytes -0.083 0.045 0.439 0.425 0.405 0.404
## identMacrophage                 -0.047 0.023 0.240 0.240 0.228 0.241
## identDendritic cells            -0.029 0.016 0.153 0.147 0.141 0.140
##                                         idnC-2 idntMrc idntEp-pc idntEr iTMShc idnVec
## time
## identImmature myocardial cells
## identCardiomyocytes-1
## identFibroblast cells
## identValve cells
## identCardiomyocytes-2
## identMural cells           0.226
## identEpi-epithelial cells  0.436 0.189
## identErythrocytes          0.501 0.232 0.425
## identTMSB4X high cells    0.184 0.194 0.153 0.189
## identVascular endothelial cells 0.217 0.187 0.184 0.220 0.173
## identEpi-mesenchymal cells 0.165 0.168 0.138 0.170 0.151 0.151
## identMT-enriched cardiomyocytes 0.396 0.181 0.348 0.391 0.146 0.174
## identMacrophage            0.237 0.116 0.194 0.225 0.099 0.113
## identDendritic cells       0.137 0.061 0.121 0.136 0.049 0.060
##                                         idntEp-mc idMT-c idntMcr
## time
## identImmature myocardial cells
## identCardiomyocytes-1
## identFibroblast cells
## identValve cells
## identCardiomyocytes-2
## identMural cells
## identEpi-epithelial cells
## identErythrocytes
## identTMSB4X high cells
## identVascular endothelial cells

```

```

## identEpi-mesenchymal cells
## identMT-enriched cardiomyocytes 0.132
## identMacrophage 0.088 0.177
## identDendritic cells 0.045 0.113 0.061
##
## Standardized Within-Group Residuals:
##      Min       Q1       Med       Q3       Max
## -4.45027528 -0.09504531  0.21803860  0.51885624  2.93959409
##
## Number of Observations: 22315
## Number of Groups: 4
tmsb4x$ident=factor(tmsb4x$ident,levels=unique(tmsb4x$ident))

VarCorr(LMM1) # covariance estimates for random effects and variance for residuals

## time = pdLogChol(1)
##          Variance StdDev
## (Intercept) 0.1502865 0.3876681
## Residual    4.7553152 2.1806685

LMM1$sigma # std for residuals

## [1] 2.180669

vcov(LMM1) # covari

##                                     (Intercept)           time
## (Intercept) 0.254536261 -2.450415e-02
## time        -0.024504154  2.788515e-03
## identImmature myocardial cells -0.003562955 1.929034e-04
## identCardiomyocytes-1         -0.003448303 1.843366e-04
## identFibroblast cells        -0.003504461 1.891515e-04
## identValve cells             -0.004407079 2.658231e-04
## identCardiomyocytes-2        -0.004167467 2.452876e-04
## identMural cells             -0.001333308 6.045895e-06
## identEpi-epithelial cells   -0.004101274 2.379577e-04
## identErythrocytes            -0.003803245 2.139572e-04
## identTMSB4X high cells      -0.001033606 -2.521839e-05
## identVascular endothelial cells -0.001312039 -7.797487e-06
## identEpi-mesenchymal cells   -0.001102491 -1.960252e-05
## identMT-enriched cardiomyocytes -0.003877712 2.189256e-04
## identMacrophage              -0.003372508 1.743286e-04
## identDendritic cells         -0.004003401 2.286312e-04
##                                     identImmature myocardial cells
## (Intercept)                      -0.0035629546
## time                           0.0001929034
## identImmature myocardial cells  0.0040940340
## identCardiomyocytes-1           0.0023247998
## identFibroblast cells          0.0023602058
## identValve cells                0.0026090293
## identCardiomyocytes-2           0.0025083951
## identMural cells                0.0012912872
## identEpi-epithelial cells      0.0026499976
## identErythrocytes               0.0024449356
## identTMSB4X high cells          0.0011843447

```

```

## identVascular endothelial cells          0.0013916629
## identEpi-mesenchymal cells              0.0012313767
## identMT-enriched cardiomyocytes         0.0025946632
## identMacrophage                         0.0021906522
## identDendritic cells                   0.0026836229
##                                         identCardiomyocytes-1 identFibroblast cells
## (Intercept)                            -0.0034483030   -0.0035044610
## time                                    0.0001843366   0.0001891515
## identImmature myocardial cells          0.0023247998   0.0023602058
## identCardiomyocytes-1                  0.0039281235   0.0022590034
## identFibroblast cells                  0.0022590034   0.0044589695
## identValve cells                        0.0025476132   0.0025774089
## identCardiomyocytes-2                  0.0024516801   0.0024791802
## identMural cells                        0.0012944629   0.0012947177
## identEpi-epithelial cells              0.0025248750   0.0025627548
## identErythrocytes                      0.0023570248   0.0023872246
## identTMSB4X high cells                 0.0011963277   0.0011923183
## identVascular endothelial cells          0.0013720351   0.0013738661
## identEpi-mesenchymal cells              0.0012347799   0.0012325534
## identMT-enriched cardiomyocytes         0.0024570571   0.0024955475
## identMacrophage                         0.0021482028   0.0021678363
## identDendritic cells                   0.0025300826   0.0025717824
##                                         identValve cells identCardiomyocytes-2
## (Intercept)                            -0.0044070793   -0.0041674673
## time                                    0.0002658231   0.0002452876
## identImmature myocardial cells          0.0026090293   0.0025083951
## identCardiomyocytes-1                  0.0025476132   0.0024516801
## identFibroblast cells                  0.0025774089   0.0024791802
## identValve cells                        0.0056833302   0.0030333078
## identCardiomyocytes-2                  0.0030333078   0.0054482763
## identMural cells                        0.0012732282   0.0012755461
## identEpi-epithelial cells              0.0029619675   0.0028341063
## identErythrocytes                      0.0027846495   0.0026704292
## identTMSB4X high cells                 0.0011760667   0.0011859521
## identVascular endothelial cells          0.0014171724   0.0014085560
## identEpi-mesenchymal cells              0.0012160688   0.0012228762
## identMT-enriched cardiomyocytes         0.0028117532   0.0026954910
## identMacrophage                         0.0025937948   0.0024943117
## identDendritic cells                   0.0028924137   0.0027699506
##                                         identMural cells identEpi-epithelial cells
## (Intercept)                            -1.333308e-03   -0.0041012739
## time                                    6.045895e-06   0.0002379577
## identImmature myocardial cells          1.291287e-03   0.0026499976
## identCardiomyocytes-1                  1.294463e-03   0.0025248750
## identFibroblast cells                  1.294718e-03   0.0025627548
## identValve cells                        1.273228e-03   0.0029619675
## identCardiomyocytes-2                  1.275546e-03   0.0028341063
## identMural cells                        5.864838e-03   0.0012775690
## identEpi-epithelial cells              1.277569e-03   0.0077520019
## identErythrocytes                      1.284336e-03   0.0027006044
## identTMSB4X high cells                 1.293857e-03   0.0011703461
## identVascular endothelial cells          1.258736e-03   0.0014257295
## identEpi-mesenchymal cells              1.292677e-03   0.0012213070
## identMT-enriched cardiomyocytes         1.283060e-03   0.0028299147

```

```

## identMacrophage          1.267431e-03      0.0024410041
## identDendritic cells     1.277887e-03      0.0029288900
## identErythrocytes        identTMSB4X high cells
## (Intercept)              -0.0038032446     -1.033606e-03
## time                      0.0002139572     -2.521839e-05
## identImmature myocardial cells 0.0024449356     1.184345e-03
## identCardiomyocytes-1    0.0023570248     1.196328e-03
## identFibroblast cells    0.0023872246     1.192318e-03
## identValve cells          0.0027846495     1.176067e-03
## identCardiomyocytes-2    0.0026704292     1.185952e-03
## identMural cells          0.0012843358     1.293857e-03
## identEpi-epithelial cells 0.0027006044     1.170346e-03
## identErythrocytes         0.0052118902     1.188619e-03
## identTMSB4X high cells   0.0011886187     7.588363e-03
## identVascular endothelial cells 0.0013957511     1.321384e-03
## identEpi-mesenchymal cells 0.0012288776     1.318713e-03
## identMT-enriched cardiomyocytes 0.0026043164     1.173621e-03
## identMacrophage           0.0023172886     1.226387e-03
## identDendritic cells      0.0026827298     1.167024e-03
## identVascular endothelial cells
## (Intercept)              -1.312039e-03
## time                      -7.797487e-06
## identImmature myocardial cells 1.391663e-03
## identCardiomyocytes-1    1.372035e-03
## identFibroblast cells    1.373866e-03
## identValve cells          1.417172e-03
## identCardiomyocytes-2    1.408556e-03
## identMural cells          1.258736e-03
## identEpi-epithelial cells 1.425729e-03
## identErythrocytes         1.395751e-03
## identTMSB4X high cells   1.321384e-03
## identVascular endothelial cells 7.722018e-03
## identEpi-mesenchymal cells 1.327413e-03
## identMT-enriched cardiomyocytes 1.415470e-03
## identMacrophage           1.417106e-03
## identDendritic cells      1.433578e-03
## identEpi-mesenchymal cells
## (Intercept)              -1.102491e-03
## time                      -1.960252e-05
## identImmature myocardial cells 1.231377e-03
## identCardiomyocytes-1    1.234780e-03
## identFibroblast cells    1.232553e-03
## identValve cells          1.216069e-03
## identCardiomyocytes-2    1.222876e-03
## identMural cells          1.292677e-03
## identEpi-epithelial cells 1.221307e-03
## identErythrocytes         1.228878e-03
## identTMSB4X high cells   1.318713e-03
## identVascular endothelial cells 1.327413e-03
## identEpi-mesenchymal cells 1.005814e-02
## identMT-enriched cardiomyocytes 1.225197e-03
## identMacrophage           1.253999e-03
## identDendritic cells      1.223255e-03
## identMT-enriched cardiomyocytes identMacrophage

```

```

## (Intercept) -0.0038777115 -0.0033725082
## time 0.0002189256 0.0001743286
## identImmature myocardial cells 0.0025946632 0.0021906522
## identCardiomyocytes-1 0.0024570571 0.0021482028
## identFibroblast cells 0.0024955475 0.0021678363
## identValve cells 0.0028117532 0.0025937948
## identCardiomyocytes-2 0.0026954910 0.0024943117
## identMural cells 0.0012830604 0.0012674307
## identEpi-epithelial cells 0.0028299147 0.0024410041
## identErythrocytes 0.0026043164 0.0023172886
## identTMSB4X high cells 0.0011736209 0.0012263874
## identVascular endothelial cells 0.0014154701 0.0014171058
## identEpi-mesenchymal cells 0.0012251965 0.0012539991
## identMT-enriched cardiomyocytes 0.0085217398 0.0023342275
## identMacrophage 0.0023342275 0.0203545746
## identDendritic cells 0.0028565627 0.0023922965

## identDendritic cells
## (Intercept) -0.0040034009
## time 0.0002286312
## identImmature myocardial cells 0.0026836229
## identCardiomyocytes-1 0.0025300826
## identFibroblast cells 0.0025717824
## identValve cells 0.0028924137
## identCardiomyocytes-2 0.0027699506
## identMural cells 0.0012778870
## identEpi-epithelial cells 0.0029288900
## identErythrocytes 0.0026827298
## identTMSB4X high cells 0.0011670243
## identVascular endothelial cells 0.0014335777
## identEpi-mesenchymal cells 0.0012232550
## identMT-enriched cardiomyocytes 0.0028565627
## identMacrophage 0.0023922965
## identDendritic cells 0.0750149374

random.effects(LMM1) # BLUP

## (Intercept)
## 4 0.2514471
## 7 -0.1437478
## 10 -0.3770593
## 14 0.2693599

residuals(LMM1)

##          4          4          4          4          4
## 9.751443e-01 1.130125e+00 5.046549e-04 -8.194967e+00 -2.427361e-01
##          4          4          4          4          4
## 4.200625e-01 3.772700e-01 2.273270e+00 -4.192563e-01 8.951173e-01
##          4          4          4          4          4
## 1.200707e+00 -2.957389e-02 -5.133992e-02 3.342394e-01 -1.994230e+00
##          4          4          4          4          4
## -8.998744e-01 2.832131e-01 -7.599580e-02 -2.491700e-01 9.839775e-01
##          4          4          4          4          4
## 7.936374e-01 4.417504e-01 -6.686336e-01 1.160485e+00 3.083501e-01
##          4          4          4          4          4
## -9.478263e-01 7.812329e-01 3.678346e-01 -1.039251e+00 -7.972090e-01

```

```

##          4          4          4          4          4          4
## 7.215401e-01 5.775379e-01 9.290468e-01 -6.049940e-02 -1.585973e-01
##          4          4          4          4          4          4
## 1.279544e-01 -6.709674e-01 4.442977e-01 1.061512e+00 -7.904056e+00
##          4          4          4          4          4          4
## 5.782337e-02 -1.296069e+00 7.082706e-01 3.455407e-01 8.869727e-01
##          4          4          4          4          4          4
## -3.664433e+00 -8.194967e+00 8.784796e-01 -4.439738e-01 6.662673e-01
##          4          4          4          4          4          4
## 2.982414e-02 3.617276e-01 3.731281e-02 7.512177e-01 2.323429e+00
##          4          4          4          4          4          4
## -7.162920e-02 3.180263e-01 1.027826e+00 6.321438e-01 6.219701e-01
##          4          4          4          4          4          4
## 4.482278e-01 2.326821e-01 -1.690901e-01 -1.392468e+00 6.300768e-01
##          4          4          4          4          4          4
## -1.229769e-01 1.161311e+00 -2.262157e-02 1.626413e+00 9.746551e-01
##          4          4          4          4          4          4
## -8.656925e-01 -3.095626e-01 3.384991e-01 6.231553e-01 -1.414854e+00
##          4          4          4          4          4          4
## 2.326042e-01 8.604363e-01 -1.575011e-02 5.741613e-01 3.715158e-01
##          4          4          4          4          4          4
## -5.457236e-01 -6.622952e-02 5.847754e-01 3.993688e-01 4.148035e-01
##          4          4          4          4          4          4
## -8.860648e-01 -4.539487e-01 1.308318e-01 1.419949e+00 -6.815300e-01
##          4          4          4          4          4          4
## 9.041650e-01 -1.792804e-01 -5.480794e-01 6.346238e-01 -8.673891e-01
##          4          4          4          4          4          4
## -9.249467e-01 2.559919e-01 -8.603812e-01 -1.956722e+00 -8.311420e-01
##          4          4          4          4          4          4
## 4.943580e-01 -2.283457e-01 3.399483e-01 -7.210104e-01 -2.283457e-01
##          4          4          4          4          4          4
## -6.116269e-02 1.012146e+00 -8.194967e+00 6.060015e-01 2.147818e-01
##          4          4          4          4          4          4
## 4.952546e-01 3.324090e-01 1.245243e+00 9.097144e-01 5.981278e-01
##          4          4          4          4          4          4
## -2.790554e-01 -5.285995e-01 4.086048e-01 1.862960e-01 1.556334e+00
##          4          4          4          4          4          4
## -2.601947e-01 -4.842811e-03 4.057914e-01 -8.194967e+00 6.481003e-01
##          4          4          4          4          4          4
## 8.351322e-01 3.903784e-02 -7.554370e-01 4.717021e-01 1.834215e+00
##          4          4          4          4          4          4
## -1.850511e-01 -4.551458e-01 8.212664e-01 8.265277e-01 9.794662e-01
##          4          4          4          4          4          4
## 1.552525e+00 5.917228e-01 -2.851912e-01 1.068216e+00 1.140762e+00
##          4          4          4          4          4          4
## 3.837686e-01 -8.194967e+00 6.412887e-01 -7.657423e-01 1.737556e+00
##          4          4          4          4          4          4
## -3.577446e-01 3.199558e-02 2.008725e-01 1.468859e+00 -3.915403e-01
##          4          4          4          4          4          4
## -7.197769e-01 1.502125e-01 4.376675e-01 8.516355e-02 3.532010e-01
##          4          4          4          4          4          4
## 3.645424e-01 5.584756e-01 2.198396e-01 -4.644417e-01 7.639649e-01
##          4          4          4          4          4          4
## 1.032291e+00 -8.194967e+00 1.133825e-01 7.370329e-01 6.101125e-01

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##          4          4          4          4          4
## -1.180623e-01 -1.962898e-01 -6.833588e-01  1.813852e+00 -1.414124e+00
##          4          4          4          4          4
##  2.752664e-01  7.510870e-01  1.437953e-01 -2.601778e-01  7.887997e-01
##          4          4          4          4          4
## -9.341917e-01  1.723807e+00  3.655610e-01  5.506564e-01  3.837525e-02
##          4          4          4          4          4
##  2.947968e-02 -8.052289e-03 -3.903161e-01 -8.770752e-01  1.179110e+00
##          4          4          4          4          4
## -3.652361e-01 -5.229481e-01  7.918043e-02  9.933221e-02  1.432380e-01
##          4          4          4          4          4
## -6.373984e-01  5.269733e-01  1.006212e+00  1.480611e+00 -1.039251e+00
##          4          4          4          4          4
##  6.498329e-01  9.372331e-01  7.863731e-01 -1.887663e-01 -2.884279e-01
##          4          4          4          4          4
## -4.472542e-01  1.457988e+00  6.497564e-01  4.024254e-01  9.366663e-01
##          4          4          4          4          4
## -2.212065e-01 -9.847735e-01  3.650388e-01  1.370271e-01  3.649771e-01
##          4          4          4          4          4
##  5.266670e-01  1.048743e+00  1.317742e+00 -5.240720e-01  9.225111e-01
##          4          4          4          4          4
## -8.194967e+00 -1.012562e+00 -2.085876e-01  5.944157e-01  1.137116e+00
##          4          4          4          4          4
##  1.563414e+00  1.420555e+00 -7.245158e-01  3.546782e-01  3.704988e-01
##          4          4          4          4          4
## -5.298608e-01 -5.519677e-01  3.310768e-03 -6.518040e-01  3.702071e-01
##          4          4          4          4          4
## -6.526314e-01  1.475709e+00  4.775899e-01 -6.274265e-02 -9.691246e-01
##          4          4          4          4          4
## -1.047149e-01 -1.615897e-01 -3.664433e+00 -2.016065e-01  1.302346e+00
##          4          4          4          4          4
## -2.028903e-01 -2.969205e-01  1.588018e-01  7.426187e-01  2.235087e-01
##          4          4          4          4          4
##  4.498193e-01  8.457244e-01  4.082631e-01  7.757622e-02  1.741158e+00
##          4          4          4          4          4
## -1.811141e-01  9.332551e-01  1.521928e-01 -1.155087e+00 -1.235925e+00
##          4          4          4          4          4
## -1.087997e+00  4.601197e-01  3.089528e-02  6.771166e-01  1.144215e+00
##          4          4          4          4          4
## -3.984477e-02 -1.624976e-01  9.057337e-01 -7.717826e-01  3.422435e-02
##          4          4          4          4          4
##  4.689410e-02  8.670690e-01  1.207083e+00  9.114135e-01 -1.396648e-02
##          4          4          4          4          4
##  8.891182e-01  9.354677e-02  1.083567e+00 -4.932028e-01  7.883629e-01
##          4          4          4          4          4
##  9.572439e-01  3.236968e-01  2.071865e-01 -2.665884e-01 -3.166143e-02
##          4          4          4          4          4
## -1.070735e+00  1.148035e-01  1.569782e+00  4.736427e-02  4.112400e-01
##          4          4          4          4          4
##  7.493004e-01  7.419406e-01  4.513004e+00  2.458235e+00  7.880053e-04
##          4          4          4          4          4
##  7.852694e-01  5.163959e-01 -7.086169e-01  1.065911e-01  9.935045e-01
##          4          4          4          4          4
##  6.695824e-01 -2.264250e-01 -2.746313e-01  9.703260e-01 -1.595642e-01

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##          4          4          4          4          4
## -2.021648e-01  7.884467e-01  1.834296e-01  1.176018e+00  4.969514e-01
##          4          4          4          4          4
##  9.820416e-01 -1.076796e+00 -2.776190e-01  2.673679e-01  9.323667e-01
##          4          4          4          4          4
## -6.796978e-01  1.060321e+00  1.518622e+00  7.319710e-01 -1.545170e+00
##          4          4          4          4          4
##  9.856601e-01  3.949825e-01  7.316859e-03  5.296864e-01  1.001716e+00
##          4          4          4          4          4
## -1.063500e+00  1.066986e+00  2.307995e-01  4.459638e-01  6.776134e-01
##          4          4          4          4          4
##  6.844115e-01  1.583604e-01  3.363106e-01  2.500258e-01 -4.658203e-03
##          4          4          4          4          4
## -8.219994e-01  9.239452e-01  7.172404e-02  4.763900e-01 -1.296153e+00
##          4          4          4          4          4
##  1.369779e+00 -1.018517e-01 -3.664433e+00  3.645889e-01  4.453240e-01
##          4          4          4          4          4
## -7.542708e-01 -5.620570e-02 -9.453500e-02 -1.286783e-02  1.414261e+00
##          4          4          4          4          4
##  3.543538e-02  1.121509e+00  1.905397e-01 -3.324889e-01  8.524005e-01
##          4          4          4          4          4
##  4.500729e-01  5.842551e-01  2.316904e-01  5.251921e-01  4.330832e-01
##          4          4          4          4          4
## -5.200709e-01 -3.987336e-01 -9.059807e-01 -8.408643e-01  5.847086e+00
##          4          4          4          4          4
##  7.904522e-01  7.351203e-01  4.248676e-01  1.071402e+00  7.279730e-01
##          4          4          4          4          4
##  6.039851e-01  2.548473e+00  3.306457e-01  4.071508e-01 -4.388403e-02
##          4          4          4          4          4
##  1.035900e+00 -5.272865e-02 -5.132660e-01  3.608547e-01  1.869530e-02
##          4          4          4          4          4
## -2.570200e-01 -3.664433e+00  1.442063e+00 -9.288669e-02 -9.727615e-02
##          4          4          4          4          4
##  7.729885e-01 -1.429134e+00  8.504350e-01 -5.995441e-01 -9.825332e-01
##          4          4          4          4          4
## -6.505358e-01  9.651019e-01  5.779095e-01 -6.034361e-01 -4.103830e-01
##          4          4          4          4          4
## -2.832354e-01  7.132137e-01  3.052229e-01 -6.829534e-01 -8.174979e-02
##          4          4          4          4          4
##  6.678422e-02 -4.916164e-01 -1.202440e+00  5.348505e-01  5.968146e-01
##          4          4          4          4          4
## -5.246057e-01  6.397406e-02 -3.608926e-01  1.604375e+00  8.844587e-01
##          4          4          4          4          4
##  1.103863e+00 -1.396423e+00  5.934018e-01  8.869678e-01  3.352441e-01
##          4          4          4          4          4
##  4.687503e-02  2.625981e-01  6.911936e-01  5.112094e-01 -8.511800e-01
##          4          4          4          4          4
##  5.904786e-01  3.679124e-01  1.359872e-01  6.357093e-01  5.464893e-01
##          4          4          4          4          4
##  3.132218e-01  4.191601e-01  1.390974e+00  3.291134e-01  1.262676e-01
##          4          4          4          4          4
##  5.788870e-01  1.214375e+00  8.099638e-01 -4.039224e-02  4.893944e-01
##          4          4          4          4          4
## -2.570269e-02  3.001797e-01  7.673398e-01 -6.031197e-02  6.308200e-01

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##          4          4          4          4          4
## 1.033241e+00 3.169106e-02 -1.221481e-01 1.019587e+00 -4.269183e-01
##          4          4          4          4          4
## -5.975551e-01 4.445704e-01 -2.685965e-01 -6.098262e-01 7.385621e-01
##          4          4          4          4          4
## -3.372233e-02 6.008468e-01 8.099184e-02 -4.131423e-01 -8.065502e+00
##          4          4          4          4          4
## -2.313114e-01 -8.194967e+00 2.240966e-01 -8.645877e-02 7.141028e-02
##          4          4          4          4          4
## 3.723944e-01 -2.319970e-01 -6.796806e-02 3.489908e-01 1.450662e-01
##          4          4          4          4          4
## 6.722177e-01 1.123514e+00 -5.231766e-01 8.030933e-02 8.110727e-01
##          4          4          4          4          4
## -7.904056e+00 2.944921e-01 -2.815863e-01 6.717873e-01 8.803983e-01
##          4          4          4          4          4
## 8.766913e-02 7.618175e-01 1.242979e-01 1.678942e+00 1.434978e+00
##          4          4          4          4          4
## 1.497854e-01 1.980496e-01 -7.349887e-01 3.545983e-01 -8.630784e-01
##          4          4          4          4          4
## -6.531652e-02 9.936617e-01 5.063688e-01 1.394340e+00 -4.204809e-01
##          4          4          4          4          4
## 1.086425e+00 1.262545e+00 1.092227e+00 1.074699e+00 -8.194967e+00
##          4          4          4          4          4
## 2.169042e-02 7.760134e-02 6.533845e-01 1.909008e-01 -6.970388e-01
##          4          4          4          4          4
## -6.783022e-02 5.212574e-01 2.563396e-01 3.767863e-02 -6.216596e-01
##          4          4          4          4          4
## -3.755228e-01 2.724731e-01 1.277171e+00 9.385199e-01 1.070716e+00
##          4          4          4          4          4
## 5.453164e-01 1.471112e-01 3.131472e-01 4.274811e-01 9.347150e-01
##          4          4          4          4          4
## 4.623886e+00 1.384981e+00 -6.023761e-02 3.563207e-01 2.753342e-01
##          4          4          4          4          4
## -2.966163e-01 -5.179279e-01 -1.413557e+00 7.247850e-01 9.587835e-01
##          4          4          4          4          4
## -6.796818e-01 -8.634373e-01 7.756376e-01 5.682827e-01 -1.730815e+00
##          4          4          4          4          4
## 2.150906e-01 5.087055e-01 -2.055666e-02 -1.275705e+00 1.196265e+00
##          4          4          4          4          4
## -7.924485e+00 6.820578e-01 -3.246326e-01 1.000581e+00 -1.172575e-01
##          4          4          4          4          4
## -2.511751e-01 4.887825e-01 -1.217984e+00 1.671195e-01 6.397406e-02
##          4          4          4          4          4
## -4.719248e-01 7.254440e-01 -7.864568e-01 3.743743e-01 3.560114e-02
##          4          4          4          4          4
## -1.092487e-01 7.643708e-01 2.797925e-01 1.945664e-01 3.375188e-01
##          4          4          4          4          4
## 5.486587e-01 1.133245e+00 8.588277e-01 -8.194967e+00 -7.471033e-01
##          4          4          4          4          4
## 8.670690e-01 5.057412e-01 3.179943e-01 7.627346e-01 -5.722720e-02
##          4          4          4          4          4
## 4.213920e+00 7.892826e-01 -3.664433e+00 -1.879203e-01 2.371602e+00
##          4          4          4          4          4
## -1.703291e+00 -1.778087e+00 -1.048151e+00 5.795988e-02 -8.464600e-01

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##          4          4          4          4          4
## 5.338383e-01 3.949382e-01 8.058518e-02 5.644543e-01 3.032993e-01
##          4          4          4          4          4
## 7.085789e-01 1.566885e+00 3.312808e-01 6.025088e-01 -9.194830e-01
##          4          4          4          4          4
## -8.564447e-02 6.152461e-01 8.844497e-01 2.763248e-01 2.045677e-02
##          4          4          4          4          4
## -1.630277e-01 -1.268756e-02 -2.477505e-01 5.143119e-01 1.119270e+00
##          4          4          4          4          4
## -8.024815e-01 7.375526e-02 -3.664433e+00 2.248528e+00 5.255883e-01
##          4          4          4          4          4
## -3.785574e-01 2.141431e-01 -7.924485e+00 4.263786e-01 -1.808910e-01
##          4          4          4          4          4
## 4.397390e-01 -3.296788e-01 -1.876894e+00 5.700439e-01 4.445704e-01
##          4          4          4          4          4
## 1.325658e+00 -2.131364e-01 3.292211e-01 -1.226521e+00 -6.969198e-01
##          4          4          4          4          4
## 4.272060e-01 8.691860e-01 -5.819852e-02 9.015408e-01 -2.136020e-02
##          4          4          4          4          4
## -9.202845e-02 9.029122e-02 -1.026375e+00 3.629144e-01 2.912565e-01
##          4          4          4          4          4
## 1.682355e-01 1.692055e-01 -8.142446e-01 4.221042e-01 -1.785650e-01
##          4          4          4          4          4
## 7.036228e-01 -1.469066e-01 -3.052045e-01 6.093671e-01 -8.693154e-01
##          4          4          4          4          4
## 2.669371e-01 1.443946e-01 1.267944e+00 2.109350e+00 -6.799994e-03
##          4          4          4          4          4
## 2.004091e-01 2.766039e-01 -1.379889e-01 2.501201e-01 6.254218e-01
##          4          4          4          4          4
## -7.791125e-01 4.023245e-01 3.243731e-03 1.777754e-01 -3.828643e-01
##          4          4          4          4          4
## -8.351425e-01 -3.852220e-01 -3.664433e+00 1.553689e+00 3.157588e-01
##          4          4          4          4          4
## -9.750389e-03 1.246716e+00 7.920069e-01 -4.497617e-01 -9.440578e-01
##          4          4          4          4          4
## 4.675411e-01 1.874114e-01 -9.824514e-01 2.752338e-01 1.764455e+00
##          4          4          4          4          4
## 1.212537e+00 -6.161416e-01 -9.191249e-01 -8.336398e-02 5.452169e-01
##          4          4          4          4          4
## 2.810330e-01 -4.421919e-01 4.044717e-01 6.075115e-01 -4.184347e-01
##          4          4          4          4          4
## 6.815843e-01 5.575164e-01 8.853829e-01 1.327204e+00 -2.640881e-01
##          4          4          4          4          4
## 6.336943e-01 -8.194967e+00 1.042056e+00 -2.414616e-01 5.175411e-01
##          4          4          4          4          4
## 9.525524e-01 4.443455e-01 2.185660e-01 1.077895e+00 1.143090e-01
##          4          4          4          4          4
## 9.567990e-01 8.543280e-02 1.132588e+00 3.753018e-01 -8.194967e+00
##          4          4          4          4          4
## 7.588562e-01 6.410280e+00 1.049638e+00 1.176614e-01 6.288981e-01
##          4          4          4          4          4
## -1.060676e+00 -1.903101e-01 1.049371e+00 7.811050e-01 1.966791e-01
##          4          4          4          4          4
## -5.125348e-01 -7.197073e-02 2.168698e-01 4.298792e-02 7.154034e-01

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##          4          4          4          4          4
## 7.353926e-01 3.200497e-01 -3.717156e-01 4.317478e-01 -7.507854e+00
##          4          4          4          4          4
## 7.026512e-01 1.668987e-01 9.271792e-01 -1.824244e-01 -7.689526e-01
##          4          4          4          4          4
## 4.521305e-01 -6.851875e-01 -1.369328e+00 -6.705223e-01 -1.203182e+00
##          4          4          4          4          4
## 5.352910e-01 -7.587520e-01 -2.993407e-01 1.401776e+00 4.316783e-01
##          4          4          4          4          4
## 1.697377e-01 -1.739131e-01 -6.003694e-01 -8.874489e-01 1.329626e-01
##          4          4          4          4          4
## 3.804481e-01 4.867469e-01 6.289144e-01 8.941799e-01 -3.664433e+00
##          4          4          4          4          4
## -8.650071e-01 -4.707222e-01 1.973216e-01 2.048298e-01 -1.467368e+00
##          4          4          4          4          4
## 8.012322e-01 1.847984e+00 3.288846e-01 -7.507854e+00 -7.120760e-02
##          4          4          4          4          4
## -1.361033e+00 1.357934e+00 5.255239e+00 1.405638e+00 2.930818e+00
##          4          4          4          4          4
## -8.281805e-01 -6.508574e-01 2.604023e+00 -7.227706e-01 1.566927e-01
##          4          4          4          4          4
## -1.597634e-01 1.152953e+00 3.357694e-01 -1.310780e-01 -2.811788e-01
##          4          4          4          4          4
## -3.700811e-01 9.004449e-02 1.128780e+00 -5.655338e-01 3.426245e-01
##          4          4          4          4          4
## 6.260894e-01 -7.759490e-01 -5.703876e-01 -7.087445e-01 1.086405e+00
##          4          4          4          4          4
## -6.795838e-01 2.235426e-01 4.047023e-03 -3.990939e-01 -3.664433e+00
##          4          4          4          4          4
## -8.727091e-01 -8.616687e-01 2.667824e-01 5.452545e-01 3.222582e+00
##          4          4          4          4          4
## 5.027163e-01 9.243131e-01 1.912357e-01 -4.301399e-01 1.135078e+00
##          4          4          4          4          4
## 9.816050e-01 -8.092134e-01 1.637327e+00 3.078830e-01 1.604918e+00
##          4          4          4          4          4
## -3.664433e+00 3.525171e-01 -8.194967e+00 7.827145e-01 5.956033e-01
##          4          4          4          4          4
## 9.620636e-02 3.501592e-01 -2.410409e-02 1.712915e+00 2.915132e-01
##          4          4          4          4          4
## 5.123418e-01 1.134433e-02 3.587116e-01 6.012149e-02 9.325937e-01
##          4          4          4          4          4
## 7.804733e-02 3.730631e-01 1.058988e+00 9.917588e-01 -5.615319e-01
##          4          4          4          4          4
## -8.840603e-02 -7.623717e-01 -5.685007e-01 6.343787e-01 8.063816e-02
##          4          4          4          4          4
## -1.532588e-01 -1.713463e-01 7.709618e-01 6.807442e-01 3.932745e-01
##          4          4          4          4          4
## -2.931130e-01 1.876657e-01 -4.864178e-02 1.392384e+00 6.944824e-01
##          4          4          4          4          4
## -3.420172e-02 1.600041e-01 2.966755e-02 -4.995204e-01 -8.917120e-01
##          4          4          4          4          4
## 8.492441e-01 6.129255e-01 -2.493476e-01 1.602165e-01 1.157559e-01
##          4          4          4          4          4
## -1.380735e-01 3.512470e-01 -6.082880e-01 -1.795530e+00 1.576454e+00

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##          4          4          4          4          4
## -3.936583e-01 -4.463250e-01  3.351599e-03  1.686587e-01  4.862680e-01
##          4          4          4          4          4
##  1.972002e-01  1.804557e+00 -5.383254e-01  8.540017e-01 -7.163405e-01
##          4          4          4          4          4
## -4.988221e-01  3.998436e-01  1.003611e+00 -6.938474e-01  6.689249e-02
##          4          4          4          4          4
## -7.176453e-01  2.440205e-01  3.982738e-01  5.541939e-02  6.625856e-01
##          4          4          4          4          4
##  2.737890e-01  3.278136e-01  3.115711e-01  1.007506e+00  1.114879e+00
##          4          4          4          4          4
##  4.782882e-01 -1.030186e+00 -8.764066e-01  8.890994e-01 -1.458947e-01
##          4          4          4          4          4
## -9.942210e-01  1.007666e+00  9.977361e-01  5.418908e-01  5.336194e-01
##          4          4          4          4          4
## -1.383263e-01  3.384373e-01 -8.036003e-01  6.823695e-01  1.504850e+00
##          4          4          4          4          4
##  1.346054e-01  2.690117e-01  8.183881e-02  8.009412e-01  1.987180e+00
##          4          4          4          4          4
##  3.099164e-02  4.119411e-01  1.681527e-01 -7.103968e-01 -4.644397e-01
##          4          4          4          4          4
##  6.912837e-01  1.366148e+00  8.216101e-01  7.036331e-01  1.526134e+00
##          4          4          4          4          4
##  8.086681e-01 -3.182584e-02  4.488160e-01  7.453709e-01  2.068756e+00
##          4          4          4          4          4
##  9.372331e-01  1.559621e-01  4.888433e-01  8.238671e-01  7.979357e-01
##          4          4          4          4          4
## -3.698270e-01 -1.659309e+00  1.124534e+00 -1.192112e-01  1.035001e+00
##          4          4          4          4          4
## -5.000378e-01 -1.399334e+00  8.783378e-01  1.252984e+00 -2.186436e-01
##          4          4          4          4          4
##  4.497946e-01 -8.813066e-01 -8.194967e+00  6.515638e-01  1.513825e+00
##          4          4          4          4          4
## -7.745188e-01  5.830030e-01  1.798504e+00  1.435955e-01 -1.396172e-01
##          4          4          4          4          4
##  2.301611e-01  2.020872e+00  9.279588e-01  9.527458e-02 -4.386347e-02
##          4          4          4          4          4
## -2.297929e-01  2.545471e+00  3.789037e-01 -6.211662e-01  5.232289e-01
##          4          4          4          4          4
## -4.802005e-01  1.180889e+00 -9.228004e-01 -2.031169e-01 -3.525186e-01
##          4          4          4          4          4
##  3.073079e+00  2.313463e-01  1.370820e+00 -1.694317e+00  4.817415e-01
##          4          4          4          4          4
##  3.427660e-01 -4.496142e-01  2.054772e-01 -8.794781e-01  3.417943e-01
##          4          4          4          4          4
## -3.883298e-01  9.566181e-01  8.341775e-01 -1.749034e+00  1.486773e+00
##          4          4          4          4          4
## -6.970334e-01  5.953266e-01  2.816360e-02 -4.604737e-01  1.518596e+00
##          4          4          4          4          4
## -9.781720e-01 -8.194967e+00 -3.664433e+00 -1.038990e+00  4.342988e-01
##          4          4          4          4          4
##  6.874995e-01 -8.089007e-01  2.893076e-01  4.865209e-02  4.825649e-01
##          4          4          4          4          4
## -1.106345e+00  1.238615e-01  1.568195e-01  9.268933e-02  1.114625e-01

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##          4          4          4          4          4
## 2.280143e-01 -5.270288e-01 7.759010e-01 8.140442e-01 1.149236e-01
##          4          4          4          4          4
## -3.099020e-01 7.118210e-01 1.902347e-01 8.844022e-01 1.013808e+00
##          4          4          4          4          4
## -8.830627e-02 6.370807e-01 -3.664433e+00 5.478361e-01 2.700813e-01
##          4          4          4          4          4
## -9.291848e-04 1.666074e-01 3.457775e-01 8.257383e-01 -6.010957e-01
##          4          4          4          4          4
## 1.066516e-01 1.763121e-01 3.325380e-01 2.592430e+00 1.685099e+00
##          4          4          4          4          4
## 3.265232e-01 8.227089e-02 3.356206e-01 -7.572942e-01 4.908809e-01
##          4          4          4          4          4
## 2.750845e-01 -2.905957e-01 1.212537e+00 -1.265621e+00 1.785320e+00
##          4          4          4          4          4
## 7.923544e-01 7.244258e-01 1.541206e+00 -8.219170e-01 5.323286e-01
##          4          4          4          4          4
## 1.576592e-01 -4.540046e-01 -7.753667e-02 2.128436e-01 -5.975551e-01
##          4          4          4          4          4
## 2.088211e-01 7.807827e-02 3.838144e-01 -8.965872e-01 -3.232162e-02
##          4          4          4          4          4
## 1.925223e-01 -8.194967e+00 1.257198e-01 -4.948562e-01 -5.538383e-01
##          4          4          4          4          4
## 3.799473e-01 4.005014e-01 1.063551e-01 2.178115e-01 -6.591916e-01
##          4          4          4          4          4
## -7.507854e+00 2.301698e-01 3.145376e-01 -8.194967e+00 4.483433e-01
##          4          4          4          4          4
## 4.084774e-01 -7.507854e+00 1.563079e-01 2.811728e-01 2.337406e+00
##          4          4          4          4          4
## -8.732485e-01 5.947625e-01 1.097295e+00 8.463027e-01 -3.664433e+00
##          4          4          4          4          4
## -4.841797e-02 -3.646926e-01 2.531929e-01 -4.559457e-02 7.174700e-01
##          4          4          4          4          4
## 1.308860e+00 -6.074610e-01 -6.074610e-01 6.123060e-01 -6.385154e-01
##          4          4          4          4          4
## -2.077498e-01 -7.988380e-01 1.036869e+00 -7.124484e-01 1.231164e-01
##          4          4          4          4          4
## -2.852948e-01 5.015069e-01 1.051837e+00 1.127192e+00 8.646042e-01
##          4          4          4          4          4
## -2.398817e-01 5.457162e-01 5.640498e-01 1.048879e+00 9.677659e-01
##          4          4          4          4          4
## -6.318210e-01 1.055099e+00 -2.111017e-01 5.246062e-02 -8.194967e+00
##          4          4          4          4          4
## -9.753917e-01 1.522084e-01 7.535468e-01 -8.041721e-01 9.849216e-01
##          4          4          4          4          4
## -2.763582e-01 4.616618e-01 1.625633e+00 1.076141e+00 -8.015891e-01
##          4          4          4          4          4
## 3.340548e-01 -4.615274e-01 -8.434606e-01 -1.001441e+00 6.332770e-02
##          4          4          4          4          4
## 1.119238e+00 5.396551e-01 5.572801e-01 6.012149e-02 -2.130149e-01
##          4          4          4          4          4
## 2.047272e+00 6.013214e-01 3.041323e-01 -4.419360e-01 -4.039224e-02
##          4          4          4          4          4
## 1.046644e-01 9.666878e-01 2.282413e+00 6.108606e-01 7.658877e-01

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##          4          4          4          4          4
## 3.678131e-01 -3.664433e+00 4.512660e-01 9.671267e-01 6.704038e-01
##          4          4          4          4          4
## -7.372841e-01 1.342844e-02 -6.153156e-01 4.047803e-01 1.410421e+00
##          4          4          4          4          4
## 6.954189e-01 -1.131495e-01 1.914255e-01 -3.664433e+00 -2.826225e-01
##          4          4          4          4          4
## -2.797406e-01 -7.519650e-01 -3.170988e-01 1.236556e+00 7.832266e-01
##          4          4          4          4          4
## -5.780835e-01 8.720572e-01 -9.485438e-01 2.952058e-01 -8.194967e+00
##          4          4          4          4          4
## 2.696508e-01 4.277663e-01 -2.270048e+00 4.540296e-01 1.059003e-01
##          4          4          4          4          4
## 3.137342e-01 -4.461959e-02 6.536010e-02 -7.089824e-02 -2.934864e-01
##          4          4          4          4          4
## -3.271145e-02 2.800137e-01 -7.573311e-01 2.854531e-01 -2.739942e-01
##          4          4          4          4          4
## 1.030713e+00 5.727763e-01 4.058379e-01 1.317701e-02 9.534119e-02
##          4          4          4          4          4
## -8.323442e-01 -1.160664e+00 1.166282e+00 -8.194967e+00 -6.366026e-01
##          4          4          4          4          4
## -8.194967e+00 1.330356e-01 -2.042290e-01 5.043598e-01 -8.194967e+00
##          4          4          4          4          4
## 5.918976e-02 -1.348348e+00 4.295775e-01 3.001588e-01 -8.194967e+00
##          4          4          4          4          4
## 5.899180e-01 -6.000982e-01 -8.664841e-01 3.815221e-01 1.168132e-01
##          4          4          4          4          4
## 4.359652e-02 -6.881642e-02 1.963928e+00 8.189604e-01 -5.009643e-01
##          4          4          4          4          4
## 6.302630e-01 -1.045942e+00 9.872926e-01 1.141903e+00 7.310247e-01
##          4          4          4          4          4
## 1.147089e+00 -7.970301e-01 1.283352e-01 2.488873e-01 1.373779e+00
##          4          4          4          4          4
## -8.194967e+00 -4.806141e-01 -4.145204e-01 -8.936775e-01 -6.658225e-01
##          4          4          4          4          4
## -7.136645e-01 3.141286e-01 -5.159067e-01 -4.105718e-01 -8.194967e+00
##          4          4          4          4          4
## 8.215172e-02 -1.038966e-02 1.033110e+00 6.400569e-02 5.593509e-01
##          4          4          4          4          4
## 1.068216e+00 -2.530626e-01 -1.808192e+00 -1.385066e-01 1.580070e-01
##          4          4          4          4          4
## -6.366026e-01 1.148200e+00 5.294798e-01 1.010841e-03 -8.343258e-01
##          4          4          4          4          4
## 7.642359e-01 5.950792e-01 7.249628e-01 5.383660e-01 -3.874079e-01
##          4          4          4          4          4
## 7.686409e-01 -8.838646e-01 3.375364e-01 5.786784e-01 7.496424e-02
##          4          4          4          4          4
## 1.847664e+00 1.085987e+00 1.883814e+00 -4.924788e-01 4.185513e-01
##          4          4          4          4          4
## 2.813660e-01 -3.664433e+00 -2.276547e-02 -2.469037e-01 -9.360523e-02
##          4          4          4          4          4
## 9.201728e-01 1.394265e+00 -2.711871e-01 -8.350412e+00 4.030494e-01
##          4          4          4          4          4
## 9.643356e-01 5.685180e-01 -3.664433e+00 -2.969309e-01 -7.262752e-01

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##          4          4          4          4          4
## 9.364583e-01 8.173205e-01 3.076050e-01 5.483781e-01 -6.860958e-01
##          4          4          4          4          4
## 9.049911e-02 3.777785e-01 1.443186e-01 -1.947793e-01 -6.768318e-02
##          4          4          4          4          4
## 3.647205e-01 1.259117e+00 -2.270048e+00 1.181194e+00 2.567761e-01
##          4          4          4          4          4
## 6.049360e-01 5.160838e-02 6.791529e-01 -1.164994e+00 -6.094900e-01
##          4          4          4          4          4
## -2.835827e-01 -5.013536e-01 -9.415221e-01 9.189302e-01 9.099986e-01
##          4          4          4          4          4
## -8.194967e+00 -3.664433e+00 1.782115e+00 -6.833588e-01 2.228396e-01
##          4          4          4          4          4
## 1.949135e-01 5.878619e-01 -4.309784e-01 1.035674e+00 -1.223990e-01
##          4          4          4          4          4
## -9.752828e-02 2.978789e-01 -2.871718e-01 5.767957e-02 1.979469e+00
##          4          4          4          4          4
## 7.454768e-01 1.441106e+00 2.328324e-01 -7.748523e-01 9.136604e-02
##          4          4          4          4          4
## -8.194967e+00 -1.942466e-01 3.325452e-01 -5.123940e-01 2.761861e-01
##          4          4          4          4          4
## -6.778622e-01 8.373463e-01 1.813926e+00 8.193798e-01 -1.492350e-01
##          4          4          4          4          4
## 4.875109e-01 3.825180e-01 5.859512e-02 1.325601e+00 -1.018763e+00
##          4          4          4          4          4
## 1.165914e+00 2.332133e-01 6.564441e-01 2.889178e-01 -3.349083e-01
##          4          4          4          4          4
## 1.126051e+00 4.692319e-01 2.070429e-01 1.393420e-01 1.654560e-01
##          4          4          4          4          4
## 9.449557e-01 8.581136e-01 7.725543e-01 1.035932e-01 3.632398e-01
##          4          4          4          4          4
## 1.250848e-01 3.893201e-01 -3.664433e+00 9.920030e-01 -4.914235e-01
##          4          4          4          4          4
## 5.171297e-01 1.003080e+00 -1.930783e-02 1.047649e+00 1.483734e+00
##          4          4          4          4          4
## 9.369230e-01 3.393395e-01 4.378148e-01 1.694699e-01 5.303267e-01
##          4          4          4          4          4
## 3.035511e-01 1.177571e+00 8.415387e-01 -7.759079e-01 -3.664433e+00
##          4          4          4          4          4
## 2.257661e-01 8.026384e-01 1.812459e-01 6.381367e-01 5.871126e-01
##          4          4          4          4          4
## 3.114373e-01 -9.999465e-01 -2.305710e-01 9.898078e-01 1.339820e+00
##          4          4          4          4          4
## 1.685248e-02 4.454440e-01 1.531380e-01 7.311448e-01 -8.194967e+00
##          4          4          4          4          4
## -8.678446e-01 2.436332e-01 -4.392474e-01 7.493004e-01 -7.830287e-02
##          4          4          4          4          4
## 3.914053e-01 1.143998e+00 -2.140385e-01 -1.101972e+00 1.640017e+00
##          4          4          4          4          4
## 1.010372e+00 3.772233e-01 6.255044e-01 8.346286e-02 -8.966330e-01
##          4          4          4          4          4
## -6.032342e-01 3.746454e+00 5.015196e-01 5.090828e-01 8.483056e-01
##          4          4          4          4          4
## -4.625832e-01 -6.721929e-01 4.253793e-01 6.404461e-01 -8.299630e-01

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##          4          4          4          4          4
## -5.092609e-01 -8.994983e-01  3.169106e-02  3.174248e-01  2.195900e-01
##          4          4          4          4          4
## -9.745056e-01 -3.903161e-01 -3.698913e-01  4.578384e-01  9.762563e-01
##          4          4          4          4          4
##  2.020391e-01  1.067384e-01  1.234770e-01  4.222271e-01  6.701530e-01
##          4          4          4          4          4
##  4.591906e-01 -3.664433e+00  1.039256e+00  5.425350e-01 -3.007814e-01
##          4          4          4          4          4
##  4.415410e-01  8.334675e-01  5.225841e-01  9.540707e-01 -1.219526e+00
##          4          4          4          4          4
## -8.308720e-01 -4.813199e-01  7.962951e-01 -1.977185e-01 -9.934367e-01
##          4          4          4          4          4
## -8.194967e+00  5.844759e-01 -1.540262e-01  6.219282e-01  6.952075e-01
##          4          4          4          4          4
##  5.597812e-02 -7.443128e-02 -1.938279e-01  4.921940e+00 -9.298374e-01
##          4          4          4          4          4
##  8.952366e-01  2.018651e+00 -5.420278e-01 -8.786503e-02 -7.507854e+00
##          4          4          4          4          4
##  1.033820e+00  1.219340e+00  1.564152e+00  3.834467e+00  5.827448e-01
##          4          4          4          4          4
##  7.819098e-01 -7.268253e-01 -1.231809e+00 -6.354618e-01  5.240980e-01
##          4          4          4          4          4
## -7.528078e-01 -1.943910e-01 -7.017462e-02  4.888433e-01  1.917105e+00
##          4          4          4          4          4
##  3.619549e-01 -3.585150e-01  4.908134e-01 -2.871940e-01 -2.695396e-01
##          4          4          4          4          4
## -1.999442e-01 -1.200638e-01  1.619461e+00  1.141892e-01 -3.181264e-01
##          4          4          4          4          4
## -7.457361e-02 -5.769969e-01  1.160485e+00  2.390072e+00  8.097080e-01
##          4          4          4          4          4
## -2.704195e-01  6.685749e-01 -4.791454e-01  5.027163e-01  5.452593e-01
##          4          4          4          4          4
##  9.057337e-01 -1.213712e+00 -1.352985e+00  5.413291e-01 -4.544998e-01
##          4          4          4          4          4
## -1.025643e-01 -3.576178e-01  1.019047e-01  3.027169e-01 -6.681173e-01
##          4          4          4          4          4
##  2.605054e-01 -3.664433e+00 -2.332246e-01  6.303418e-02  6.577627e-03
##          4          4          4          4          4
## -4.283549e-01  1.892922e+00 -8.833307e-01  1.232008e-01 -8.194967e+00
##          4          4          4          4          4
## -7.506158e-01  2.394779e-01  1.472897e+00  5.666174e-01 -1.408778e-01
##          4          4          4          4          4
##  3.080688e-01  8.893668e-01  1.268021e+00 -1.961685e-02 -3.664433e+00
##          4          4          4          4          4
##  1.063759e+00 -3.364360e-01  8.258261e-01 -2.168443e-01 -4.240985e-01
##          4          4          4          4          4
##  6.449836e-01  1.314654e+00  5.771590e-01 -2.034489e-01 -4.686814e-02
##          4          4          4          4          4
##  9.666878e-01 -1.213412e+00 -1.889608e-02  1.446221e+00 -2.563346e-01
##          4          4          4          4          4
## -4.214920e-01 -1.038966e-02 -6.448093e-01  5.745743e-01  3.162295e-02
##          4          4          4          4          4
##  1.136402e+00  1.003875e+00  8.772211e-01  9.544308e-01  4.123263e-01

```

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##          4          4          4          4          4
## 6.869277e-01 1.638994e-01 6.826180e-01 3.936229e-01 -2.954813e-01
##          4          4          4          4          4
## 1.417252e-01 -1.601099e-01 -8.521850e-01 2.837361e+00 -1.025349e+00
##          4          4          4          4          4
## -1.675603e-01 7.565057e-01 1.061695e-01 -3.461745e-01 8.167386e-01
##          4          4          4          4          4
## -8.698559e-01 1.582279e+00 9.848511e-01 -1.225077e+00 8.995871e-01
##          4          4          4          4          4
## -3.664433e+00 2.651331e-01 -2.777908e-01 7.220095e-01 7.109694e-01
##          4          4          4          4          4
## -3.664433e+00 9.152467e-01 1.187836e+00 -9.417815e-01 5.212025e-01
##          4          4          4          4          4
## -2.691842e-03 -9.896975e-02 -4.495778e-01 3.484106e-01 -7.953596e-01
##          4          4          4          4          4
## 7.972001e-01 1.302120e+00 -2.182937e-01 -3.063490e-01 8.771727e-01
##          4          4          4          4          4
## 6.465403e-01 -3.197387e-03 1.703718e-01 1.304852e-01 4.451982e-01
##          4          4          4          4          4
## -3.664433e+00 3.317983e-02 1.505270e+00 -1.260707e-01 -4.725049e-01
##          4          4          4          4          4
## -1.065479e+00 -1.054487e+00 -4.621277e-02 3.444657e-01 -3.664433e+00
##          4          4          4          4          4
## -1.430306e-01 1.918962e-01 -5.981320e-01 1.479795e+00 9.626363e-01
##          4          4          4          4          4
## 7.606317e-02 7.403546e-02 -5.955621e-01 -5.630201e-01 2.101727e+00
##          4          4          4          4          4
## 7.238275e-01 -6.631828e-01 6.416602e-01 1.619119e+00 1.183860e+00
##          4          4          4          4          4
## 3.867473e-01 4.878773e-02 -5.532068e-02 -5.313156e-01 1.882160e+00
##          4          4          4          4          4
## 6.266398e-01 -3.516269e-02 5.998598e-01 -6.429315e-01 -6.574454e-01
##          4          4          4          4          4
## -5.770300e-01 2.705884e-01 5.859111e-01 -4.178838e-01 2.461323e-01
##          4          4          4          4          4
## 1.857487e-01 3.124774e-01 8.705228e-01 1.966924e-01 -5.605502e-01
##          4          4          4          4          4
## -3.271238e-01 -8.089348e-01 3.155387e+00 2.203768e-01 -8.072487e-01
##          4          4          4          4          4
## 5.322275e-01 3.492666e-03 2.226200e-01 6.285586e-01 4.470606e-01
##          4          4          4          4          4
## 7.818644e-01 6.267839e-01 1.793208e+00 8.774428e-01 2.848823e-01
##          4          4          4          4          4
## 6.387961e-01 2.520985e-01 -1.211495e+00 -9.096487e-01 8.199278e-01
##          4          4          4          4          4
## 3.058998e-01 -1.797331e-01 -9.313351e-02 3.623723e-01 -1.646708e+00
##          4          4          4          4          4
## 8.313976e-02 6.859124e-01 4.767223e-01 8.595498e-01 1.106730e-01
##          4          4          4          4          4
## 1.224633e+00 4.658964e-01 -3.662661e-01 -9.522954e-01 -5.321796e-01
##          4          4          4          4          4
## -2.762468e-01 -2.009712e-01 1.508647e-01 7.475956e-01 1.060071e+00
##          4          4          4          4          4
## 3.252220e-01 -7.528078e-01 2.468905e-01 5.759853e-01 -1.621397e+00

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##          4          4          4          4          4
## 2.281598e-01 1.311162e+00 1.364880e-01 2.735714e-01 -1.685595e-01
##          4          4          4          4          4
## 3.023433e-01 -5.208097e-01 -2.638714e-01 7.416678e-01 1.416188e+00
##          4          4          4          4          4
## 1.087070e-01 2.165894e-01 5.636020e-01 1.285259e-02 -2.408632e-01
##          4          4          4          4          4
## 3.393395e-01 3.494649e-01 -2.648759e-01 9.655519e-01 7.101270e-01
##          4          4          4          4          4
## -3.397293e+00 9.459541e-01 2.210946e-01 7.378697e-01 6.236721e-01
##          4          4          4          4          4
## -5.879292e-01 4.615633e-01 -8.134668e-01 6.100448e-02 1.653673e-01
##          4          4          4          4          4
## 1.468105e+00 7.357113e-01 6.202982e-01 4.514863e-01 1.754752e-01
##          4          4          4          4          4
## 2.882585e-01 2.091849e-01 -2.167440e-02 6.839974e-01 -1.268170e+00
##          4          4          4          4          4
## -7.504839e-01 -2.307796e-01 -2.089370e-01 9.331641e-01 5.902749e-01
##          4          4          4          4          4
## -3.971376e-01 -2.130968e-01 -6.890230e-01 3.333259e-01 -3.664433e+00
##          4          4          4          4          4
## -1.267762e+00 1.125750e+00 -6.089706e-03 1.030701e+00 1.123411e+00
##          4          4          4          4          4
## 2.855489e-02 5.839093e-01 -4.073204e-01 -7.181910e-01 -3.803238e-01
##          4          4          4          4          4
## 9.219924e-01 9.673263e-01 5.689133e-01 1.272157e+00 1.088967e-01
##          4          4          4          4          4
## -6.444139e-02 -1.675259e-02 -8.194967e+00 -6.848300e-02 4.838262e-01
##          4          4          4          4          4
## -1.718939e-01 -2.051711e+00 -3.664433e+00 1.159330e+00 6.992085e-01
##          4          4          4          4          4
## -1.969680e-01 9.639376e-01 -7.507854e+00 -5.698448e-01 3.672583e-01
##          4          4          4          4          4
## -1.904427e-01 2.575411e-01 3.418961e-01 -5.955621e-01 1.899649e-01
##          4          4          4          4          4
## -4.988221e-01 -1.614179e-01 -5.493738e-01 -4.017679e-01 -8.194967e+00
##          4          4          4          4          4
## -3.214365e-01 3.042621e-01 3.606080e-02 -7.507854e+00 8.827061e-01
##          4          4          4          4          4
## -5.845861e-02 1.026874e-03 -7.436268e-01 9.459185e-01 -1.596705e+00
##          4          4          4          4          4
## -3.395822e-01 1.111075e-02 1.677734e+00 1.389638e+00 -7.507854e+00
##          4          4          4          4          4
## -4.024920e-02 -1.216358e+00 3.293846e+00 5.340588e-01 9.542582e-01
##          4          4          4          4          4
## 1.308904e+00 6.349526e-01 -1.105814e+00 9.249930e-01 -8.926275e-01
##          4          4          4          4          4
## 2.030733e-01 3.341587e-01 9.074550e-01 8.936660e-01 1.696038e-01
##          4          4          4          4          4
## 9.654706e-01 1.238099e+00 7.318627e-02 -3.340447e-01 1.075114e+00
##          4          4          4          4          4
## -3.663932e-01 -2.056787e-01 1.603924e-01 -4.657712e-01 1.304713e-01
##          4          4          4          4          4
## 1.553933e-01 1.463679e+00 1.201876e+00 2.688915e-01 -7.548905e-02

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```

##          4          4          4          4          4
## 1.485105e-01 -7.217613e-01 -9.579883e-01 -1.990773e+00 3.117106e-01
##          4          4          4          4          4
## 6.793572e-01 -3.746269e-01  3.644549e-01  4.747397e-01 -1.228102e-01
##          4          4          4          4          4
## 2.882585e-01  7.240817e-01  6.875312e-01  1.357947e+00 -1.827646e-01
##          4          4          4          4          4
## -1.247070e+00 1.587343e+00  1.765495e-01 -4.402508e-01 -7.368697e-01
##          4          4          4          4          4
## 2.708968e-01  8.456220e-01  2.554032e-01  2.341372e-01 -2.576783e-01
##          4          4          4          4          4
## -1.487611e-01 1.511204e+00 -3.664433e+00  6.767577e-02  6.190839e-01
##          4          4          4          4          4
## -2.582348e-01 -6.870064e-01 -3.399685e-02  8.623038e-02 -9.490907e-01
##          4          4          4          4          4
## -3.421155e-01  7.284493e-01  4.655000e-01  6.802081e-01 -1.751856e-01
##          4          4          4          4          4
## -4.257707e-01  6.839367e-02  1.262775e+00  9.296441e-03  2.171075e+00
##          4          4          4          4          4
## 9.519334e-02   2.625981e-01  5.128872e-01  7.265752e-01  1.468105e+00
##          4          4          4          4          4
## 7.129376e-01 -1.848209e+00 -3.664433e+00  3.445778e-01  4.219468e-01
##          4          4          4          4          4
## -3.664433e+00 -4.704765e-01  6.218390e-02 -3.854041e-01 -2.952880e-01
##          4          4          4          4          4
## 3.336521e-01 -2.100088e-01  6.251692e-01 -5.858105e-01 -1.369758e+00
##          4          4          4          4          4
## -9.796577e-01  5.522822e-01  1.328074e+00  4.358933e-01  5.603106e-01
##          4          4          4          4          4
## 1.317701e-02 -3.138541e-01 -1.036818e+00  3.261277e-01 -6.963148e-01
##          4          4          4          4          4
## -9.052099e-01  4.316179e-01  1.559515e-01 -6.405397e-02  2.315967e-01
##          4          4          4          4          4
## 1.545557e-01 -2.624203e-01 -6.750554e-01 -1.411903e-01 -3.804997e-01
##          4          4          4          4          4
## -3.731644e-01  3.950231e-01  3.362800e-01  2.689470e-02  7.206744e-01
##          4          4          4          4          4
## -7.052338e-01  4.412933e-01  1.130272e+00  1.013475e+00  2.148513e-01
##          4          4          4          4          4
## 1.409950e+00 -3.664433e+00  5.954376e-02  1.571004e+00 -1.215685e+00
##          4          4          4          4          4
## -2.076728e-01 -4.334592e-01 -9.447797e-01  6.772569e-01  5.820076e-02
##          4          4          4          4          4
## -7.273560e-01  8.754643e-01 -1.001441e+00  4.052327e-01  1.050152e-02
##          4          4          4          4          4
## -7.507854e+00  4.859752e-02  7.467097e-01  4.612584e-01  2.535700e+00
##          4          4          4          4          4
## 4.688704e-01  7.757622e-02  1.564891e+00  1.359375e+00  6.537459e-02
##          4          4          4          4          4
## 7.127934e-01  5.180470e-01 -1.902639e-01  5.853690e-01  1.569961e-01
##          4          4          4          4          4
## 4.183314e-01  4.769905e-01  9.812000e-01  1.162707e-01 -1.255633e-02
##          4          4          4          4          4
## -4.765664e-01 1.013475e+00 -3.419900e-01  2.364243e-01  5.142088e-01

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##          4          4          4          4          4
## -5.708899e-01 -6.922005e-01 -3.664433e+00  5.375500e-01 -4.714770e-01
##          4          4          4          4          4
##  1.386506e+00 -3.244955e-01 -1.003315e+00  1.239879e+00  5.635744e-01
##          4          4          4          4          4
##  4.266560e-01  1.173205e+00  1.789140e-01 -5.430881e-01  2.050013e+00
##          4          4          4          4          4
##  4.767175e-02 -7.030366e-01  1.823715e+00  7.824541e-01  5.563062e-01
##          4          4          4          4          4
## -3.664433e+00  9.330742e-01  3.985952e-01 -3.477686e-02 -8.323532e-02
##          4          4          4          4          4
##  4.702686e-01 -4.932657e-03 -3.726933e-01  1.886256e-01 -4.172344e-01
##          4          4          4          4          4
##  1.095574e-01  9.790133e-01  9.933221e-02  1.300612e+00 -4.738209e-01
##          4          4          4          4          4
##  6.998039e-01 -1.302853e+00 -1.214027e-01 -1.827646e-01  4.485479e-01
##          4          4          4          4          4
##  1.082095e+00  4.024735e-01  7.083530e-01  1.033553e+00 -9.758698e-01
##          4          4          4          4          4
##  3.684607e-01  1.472015e-01  1.304609e-01  3.284165e-01  1.429324e+00
##          4          4          4          4          4
## -3.018303e-01 -3.664433e+00 -6.208745e-03 -3.532210e-01  1.118855e+00
##          4          4          4          4          4
##  7.087416e-01 -5.090505e-01 -2.350948e+00 -7.939430e-01  7.472345e-01
##          4          4          4          4          4
## -3.978535e-01  1.207203e-01 -1.644939e-01  3.177065e-01  5.716227e-01
##          4          4          4          4          4
## -3.618544e-01  5.697755e-01 -3.626567e-02  4.534581e+00  4.849147e-01
##          4          4          4          4          4
##  6.801368e-02  2.223767e+00  6.249276e-01  9.587032e-01  5.983590e-01
##          4          4          4          4          4
##  9.296795e-01 -7.032580e-01  7.758974e-01  7.393045e-01  4.786227e-01
##          4          4          4          4          4
## -6.161373e-01  4.033238e-01  1.542755e+00  1.358948e-01  7.871274e-01
##          4          4          4          4          4
## -2.410193e-02  1.416648e-01  1.232687e+00  2.081555e+00  4.585709e-01
##          4          4          4          4          4
## -7.824703e-01  1.082095e+00  1.164559e+00  1.412606e+00 -4.394076e-01
##          4          4          4          4          4
##  3.174392e-01 -9.538159e-01  1.537993e+00  1.117660e+00  7.546781e-01
##          4          4          4          4          4
##  2.338434e-01  2.741112e-01 -2.465266e-01  5.430328e-01 -9.077942e-01
##          4          4          4          4          4
## -3.794340e-01  2.065256e-01  2.443873e-01  5.451275e-01 -1.317145e-01
##          4          4          4          4          4
## -2.283368e-01 -7.852633e-01 -9.393395e-01  5.613062e-01  6.639807e-01
##          4          4          4          4          4
## -2.182250e-01  1.827452e-01  6.974518e-01 -2.091249e-01  7.012523e-01
##          4          4          4          4          4
##  5.688616e-01  5.158362e-01  7.550634e-01  1.018812e+00  5.229062e-01
##          4          4          4          4          4
##  5.243306e-01 -1.619276e-01  1.502800e+00  1.097037e+00  6.405126e-01
##          4          4          4          4          4
##  7.574578e-01  1.857540e+00  1.759094e-01  3.801036e-01  1.309308e+00

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##          4          4          4          4          4
## 5.676436e-01 3.160793e-01 2.546110e-01 -4.048555e-01 1.548862e+00
##          4          4          4          4          4
## 2.530838e-01 1.466465e-02 1.327421e+00 1.300659e+00 -6.708348e-01
##          4          4          4          4          4
## -1.313297e-01 2.294924e-01 1.143294e+00 -7.507854e+00 8.611507e-01
##          4          4          4          4          4
## -3.283497e-02 -1.170911e+00 4.596454e-01 3.196563e-01 -4.483173e-01
##          4          4          4          4          4
## 7.415173e-03 8.950396e-01 9.534440e-01 -8.194967e+00 9.976348e-01
##          4          4          4          4          4
## -6.371084e-01 -6.730542e-01 -7.841850e-01 1.947187e+00 -8.194967e+00
##          4          4          4          4          4
## 6.354830e-01 3.174566e-01 -4.084503e-01 1.208141e-01 4.891744e-01
##          4          4          4          4          4
## -3.664433e+00 8.454734e-01 -8.101671e-01 -4.905535e-01 7.572822e-01
##          4          4          4          4          4
## 2.439390e-01 7.397430e-02 4.076043e-01 1.985661e+00 4.039708e-01
##          4          4          4          4          4
## -1.048553e-01 6.624922e-01 6.363701e-01 -8.340686e-02 -8.284419e-02
##          4          4          4          4          4
## 3.866663e-02 2.068986e+00 5.433799e-01 1.958995e+00 -4.770099e-01
##          4          4          4          4          4
## -3.664433e+00 1.036391e+00 -2.095315e-01 3.108290e-01 1.619442e-01
##          4          4          4          4          4
## 1.273458e+00 -3.602258e-01 -1.796439e-01 -8.194967e+00 6.257333e-01
##          4          4          4          4          4
## 8.528429e-01 3.613099e-01 6.526112e-01 -4.774434e-02 -3.664433e+00
##          4          4          4          4          4
## 8.248736e-01 1.180693e+00 -1.205447e-01 1.208200e+00 -2.212657e-01
##          4          4          4          4          4
## -4.037009e-01 2.332824e-01 4.941895e-01 -2.724604e-01 -2.414356e-01
##          4          4          4          4          4
## 1.574081e+00 1.671590e-01 4.355731e-01 1.103689e+00 1.592699e-01
##          4          4          4          4          4
## -1.467208e+00 3.409256e-01 -3.664433e+00 2.089815e+00 6.450093e-03
##          4          4          4          4          4
## -7.621419e-01 -1.849197e-01 4.186143e+00 7.965198e-02 1.316552e+00
##          4          4          4          4          4
## -5.506912e-01 -6.112850e-01 5.484408e-01 -4.083084e-01 5.239851e-01
##          4          4          4          4          4
## -3.664433e+00 -1.348193e-01 1.734418e+00 -9.799916e-01 -7.376408e-01
##          4          4          4          4          4
## 1.223312e+00 1.278762e+00 -5.290824e-01 4.810861e-01 -8.194967e+00
##          4          4          4          4          4
## -6.876174e-01 -3.316532e-02 -6.530643e-01 -8.779198e-01 2.639801e-02
##          4          4          4          4          4
## 8.389600e-02 9.068260e-03 -8.037091e-01 -5.643547e-02 -3.525836e-01
##          4          4          4          4          4
## 7.885348e-01 5.902582e-01 7.108521e-01 -5.063084e-01 9.074948e-01
##          4          4          4          4          4
## 2.641689e-01 4.664401e-01 3.082960e-01 5.315670e-01 -1.064264e+00
##          4          4          4          4          4
## 1.286123e+00 -3.909157e-01 8.991848e-01 4.936721e-02 4.365499e-01

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##          4          4          4          4          4
## 1.132985e+00 5.486587e-01 3.755770e-01 2.129919e+00 1.843671e-01
##          4          4          4          4          4
## 8.827631e-01 5.956459e-01 2.284598e-01 1.723374e-01 -1.433418e-01
##          4          4          4          4          4
## 2.606381e-01 7.397316e-01 8.605687e-01 -1.156600e-01 1.136205e+00
##          4          4          4          4          4
## -1.182227e+00 -5.582629e-01 -1.946246e-01 -7.602642e-01 2.151029e-01
##          4          4          4          4          4
## -1.141055e-01 -8.194967e+00 6.720124e-01 -3.444138e-01 -4.117354e-01
##          4          4          4          4          4
## 1.665247e-01 -8.934948e-01 -1.119519e+00 2.878036e-01 -5.548432e-01
##          4          4          4          4          4
## 3.543538e-02 2.574636e-01 9.631419e-01 7.702044e-01 1.046789e+00
##          4          4          4          4          4
## 1.229731e-01 -3.877956e-01 5.780829e-01 -2.698182e-01 4.178989e-01
##          4          4          4          4          4
## -7.864669e-01 -8.194967e+00 -1.385089e-01 1.116046e+00 3.300092e-01
##          4          4          4          4          4
## -4.663828e-01 6.164675e-01 1.043553e+00 -1.721425e-01 -3.664433e+00
##          4          4          4          4          4
## 1.523494e+00 4.770922e-01 6.020147e-01 2.196768e-01 -8.155809e-01
##          4          4          4          4          4
## 2.054152e-02 -3.664433e+00 1.616417e+00 1.087485e+00 1.062297e+00
##          4          4          4          4          4
## 2.869009e-01 -3.664433e+00 -5.062458e-01 3.909845e-01 -3.664433e+00
##          4          4          4          4          4
## 1.012074e+00 5.605940e-01 -8.981831e-01 4.929815e-01 6.523637e-02
##          4          4          4          4          4
## -2.861353e-01 -9.875643e-01 -3.664433e+00 -6.089879e-01 -3.664433e+00
##          4          4          4          4          4
## 6.963298e-01 8.773619e-01 -8.194967e+00 1.023951e+00 -8.197766e-01
##          4          4          4          4          4
## 3.216645e-01 -3.399685e-02 3.469469e-02 -9.282923e-02 -2.737852e-01
##          4          4          4          4          4
## 1.018746e+00 1.300282e+00 -2.281664e-01 7.834504e-01 1.338455e-01
##          4          4          4          4          4
## 1.936353e-01 1.193217e+00 1.117263e+00 2.046677e-01 2.061036e-01
##          4          4          4          4          4
## 6.185626e-01 6.560950e-01 5.271890e-01 4.780709e-01 3.297981e-01
##          4          4          4          4          4
## 3.767205e-01 1.502452e-01 9.354882e-02 -9.386989e-01 1.622784e+00
##          4          4          4          4          4
## 9.325937e-01 -7.121997e-02 -3.607588e-01 -2.724226e-02 -6.042222e-02
##          4          4          4          4          4
## 7.578692e-01 2.640452e-01 7.686097e-01 1.095746e+00 -2.917289e-01
##          4          4          4          4          4
## 1.305036e+00 -1.670401e-01 5.469711e-01 2.319325e-02 7.571697e-02
##          4          4          4          4          4
## -1.373278e+00 -5.911082e-02 -7.035681e-01 1.143045e+00 -3.664433e+00
##          4          4          4          4          4
## -5.077488e-01 -4.764327e-01 1.133602e+00 2.137127e+00 4.315088e-01
##          4          4          4          4          4
## -7.518874e-01 -7.151052e-01 6.710383e-01 3.851152e-01 5.278319e-01

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##          4          4          4          4          4
## 2.031675e+00 1.816973e-02 3.383703e-01 5.616236e-01 7.643512e-01
##          4          4          4          4          4
## 7.636767e-01 4.586818e+00 -3.664433e+00 6.114398e-01 4.334040e-01
##          4          4          4          4          4
## -4.406763e-01 -9.014463e-01 8.525690e-01 1.275399e-02 -1.857643e-01
##          4          4          4          4          4
## -5.712419e-01 -3.664433e+00 6.955994e-02 3.554591e-01 6.846703e-01
##          4          4          4          4          4
## -6.516382e-01 1.251174e+00 -4.273877e-01 -1.417343e-01 2.239116e-02
##          4          4          4          4          4
## 8.319959e-01 -1.037464e+00 3.789851e-01 -5.425843e-01 -4.037737e-01
##          4          4          4          4          4
## 5.754329e-01 -6.783436e-01 -1.415208e+00 2.906906e-01 2.329258e-01
##          4          4          4          4          4
## 1.058863e+00 -1.155143e-01 -6.461305e-01 6.613034e-01 9.473595e-01
##          4          4          4          4          4
## 1.178666e+00 -9.145424e-02 3.723944e-01 -7.833934e-01 8.979824e-02
##          4          4          4          4          4
## -8.466512e-02 -2.530626e-01 7.009016e-01 7.511426e-02 2.782873e-01
##          4          4          4          4          4
## -2.728689e-01 -4.590901e-01 1.642786e+00 3.063840e-01 8.412115e-02
##          4          4          4          4          4
## 2.640160e-01 -1.270567e+00 1.944258e-01 4.616618e-01 -5.954967e-01
##          4          4          4          4          4
## 9.238154e-01 4.149163e-01 2.470248e-01 1.095080e+00 3.124774e-01
##          4          4          4          4          4
## -4.084870e-01 -4.315929e-01 -8.194967e+00 1.918406e-02 2.419107e+00
##          4          4          4          4          4
## 1.003309e+00 7.920580e-01 9.568531e-01 -5.601779e-02 2.539434e-01
##          4          4          4          4          4
## -5.985501e-01 -7.619294e-01 6.920692e-01 3.132771e-01 8.324437e-01
##          4          4          4          4          4
## 6.260719e-01 8.351195e-01 1.699147e-01 2.629662e-01 1.849138e-01
##          4          4          4          4          4
## -2.374354e-01 2.043624e+00 1.252004e-01 1.399973e+00 2.451522e+00
##          4          4          4          4          4
## 3.153412e-01 -8.749359e-01 4.057914e-01 4.966052e-01 -8.223213e-01
##          4          4          4          4          4
## 9.583809e-01 5.192465e-01 7.883629e-01 3.029407e-01 2.579006e-01
##          4          4          4          4          4
## 6.143796e-01 -5.467256e-02 -5.541007e-01 8.903240e-01 4.878994e-01
##          4          4          4          4          4
## 7.244258e-01 -1.493833e+00 -5.654243e-02 2.843230e-01 -3.898013e-01
##          4          4          4          4          4
## -8.350412e+00 6.178649e-01 7.244258e-01 1.168304e-01 2.036145e+00
##          4          4          4          4          4
## 4.316942e-01 1.958201e-01 7.828014e-01 -7.559685e-01 6.386399e-01
##          4          4          4          4          4
## -9.482255e-01 7.183703e-01 6.640270e-01 1.126051e+00 2.987682e-01
##          4          4          4          4          4
## 4.908134e-01 -4.841005e-01 -7.972090e-01 1.202153e-01 8.575316e-01
##          4          4          4          4          4
## -4.053701e-01 -1.528776e+00 8.310195e-02 -6.548379e-01 -2.013735e-01

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##          4          4          4          4          4
## -3.899012e-01  1.378376e-01  2.094653e-01  5.418438e-01 -4.514108e-01
##          4          4          4          4          4
##  9.572101e-01  9.534119e-02  9.843389e-01  5.747155e-01  1.447108e-02
##          4          4          4          4          4
## -3.471398e-01  1.438836e+00  6.040802e-01 -4.904733e-01  6.833612e-01
##          4          4          4          4          4
##  4.410615e-01 -2.619742e-01  5.130898e-01 -1.134367e+00 -4.917013e-01
##          4          4          4          4          4
## -3.664433e+00  2.241903e+00 -5.813951e-02  6.368953e-02  9.599654e-01
##          4          4          4          4          4
##  1.772727e-01  7.803388e-01  9.559676e-02  1.406091e-01  5.815469e-01
##          4          4          4          4          4
##  2.377960e-01 -5.545149e-01  1.183860e+00  4.962475e+00  4.545049e-01
##          4          4          4          4          4
##  9.959953e-01  8.186183e-01 -2.632535e-01 -8.350412e+00  2.942390e-01
##          4          4          4          4          4
## -1.129746e+00 -7.926921e-02  5.010072e-01  5.837445e-01  4.395115e-01
##          4          4          4          4          4
##  7.817920e-01 -7.031232e-02 -5.098283e-01  2.726026e-01  1.052960e+00
##          4          4          4          4          4
## -7.507854e+00 -8.194967e+00  9.098966e-01 -8.245469e-01 -5.862528e-01
##          4          4          4          4          4
##  1.328807e-01  9.302820e-01 -5.162319e-01  6.584879e-01 -9.907542e-01
##          4          4          4          4          4
## -4.086144e-01  1.098847e+00  1.094459e-01  4.865209e-02  3.569423e-01
##          4          4          4          4          4
## -1.690901e-01  5.361995e-01 -1.046708e-02  3.248400e-01  9.961809e-01
##          4          4          4          4          4
##  1.151444e+00 -2.162965e-01  8.843518e-01  1.608662e-01  2.382238e-01
##          4          4          4          4          4
## -1.474586e+00 -3.604970e-01 -1.226153e+00  7.871119e-01  7.326023e-01
##          4          4          4          4          4
## -7.586498e-01  2.904492e-01 -2.624203e-01  5.660219e-02  6.503057e-01
##          4          4          4          4          4
##  8.499765e-01 -1.331309e-01  2.834837e-01 -9.549555e-01  2.866345e+00
##          4          4          4          4          4
##  2.170202e+00  5.279788e-01 -3.897392e-01  9.952153e-02 -7.779562e-02
##          4          4          4          4          4
##  1.247331e+00  1.506094e+00 -1.160868e-01  1.585133e+00 -7.658584e-01
##          4          4          4          4          4
## -1.023806e+00 -9.254830e-01 -6.906408e-01  5.321256e-02  8.374892e-01
##          4          4          4          4          4
##  8.543280e-02 -1.680956e-02  1.291085e-01  3.972284e-01  1.654753e+00
##          4          4          4          4          4
## -2.791140e-01  2.226014e-01 -1.435228e-02  1.632641e-01  1.997919e-01
##          4          4          4          4          4
##  3.046090e-01  6.433579e-01  8.725501e-01  5.187875e-01  9.795007e-01
##          4          4          4          4          4
## -7.768733e-01 -7.521908e-01 -1.101740e+00  1.157825e-01 -7.507854e+00
##          4          4          4          4          4
## -1.102001e+00 -2.814712e-02 -1.055109e-01  2.438139e-01  1.056484e-01
##          4          4          4          4          4
##  6.665611e-01 -8.194967e+00 -7.032580e-01  5.795953e-01  2.521458e-01

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##          4          4          4          4          4
## 8.938438e-02 4.752971e-01 -1.947434e-01 -7.078689e-01 2.205643e-01
##          4          4          4          4          4
## 7.017882e-01 2.242990e+00 -8.756240e-01 7.886253e-02 7.241679e-01
##          4          4          4          4          4
## -7.633166e-01 2.549424e-01 -1.918359e-01 2.042926e+00 5.898368e-01
##          4          4          4          4          4
## -7.924485e+00 4.370670e-01 -1.797331e-01 -2.498392e-01 -6.231089e-01
##          4          4          4          4          4
## -1.172534e-02 -3.664433e+00 5.665427e-01 -3.730400e-01 -5.763014e-01
##          4          4          4          4          4
## -1.706723e+00 8.135130e-01 1.201082e+00 -5.616061e-01 3.250955e-01
##          4          4          4          4          4
## 1.698620e+00 1.344693e+00 -1.403433e-01 -6.429969e-01 7.155369e-01
##          4          4          4          4          4
## 1.229731e-01 -5.614089e-01 -8.080031e-01 -6.106930e-01 4.700778e-01
##          4          4          4          4          4
## -9.560382e-01 -1.217967e-02 -1.428828e-01 4.586783e-01 -9.221460e-01
##          4          4          4          4          4
## -3.664433e+00 -5.444975e-02 -3.169628e-01 -2.145830e-01 -3.565005e-01
##          4          4          4          4          4
## -4.924012e-02 8.483056e-01 -4.169283e-01 -1.760238e-02 -1.118502e-01
##          4          4          4          4          4
## -7.489794e-01 4.392895e-01 3.030959e-01 8.030770e-01 6.153269e-01
##          4          4          4          4          4
## -3.433023e-01 7.152594e-01 -1.519722e-01 2.443008e-01 -8.229593e-01
##          4          4          4          4          4
## -6.178230e-01 1.569843e+00 4.748757e-01 1.112465e+00 -6.276581e-01
##          4          4          4          4          4
## -1.391201e-03 1.612074e+00 5.228313e-01 7.991896e-01 1.538031e+00
##          4          4          4          4          4
## -4.185958e-01 1.042056e+00 6.592409e-01 -6.678188e-02 2.248528e+00
##          4          4          4          4          4
## -6.033157e-01 6.146670e-01 -3.664433e+00 -1.053227e+00 8.099195e-01
##          4          4          4          4          4
## 2.202820e-01 -1.444365e-01 -5.212383e-01 -5.553327e-01 2.779414e-02
##          4          4          4          4          4
## 5.591566e-01 -1.225211e-01 3.993980e-01 -2.254301e+00 4.661509e-01
##          4          4          4          4          4
## -1.101821e+00 -1.256036e+00 8.917156e-02 -6.341361e-01 -7.496072e-01
##          4          4          4          4          4
## 4.489028e-01 3.632398e-01 -1.174269e+00 1.417490e+00 1.074670e+00
##          4          4          4          4          4
## 6.906564e-01 4.849147e-01 9.327311e-02 1.328291e+00 2.953483e-01
##          4          4          4          4          4
## 8.741792e-01 1.024681e+00 9.310827e-01 4.404865e-01 -7.520003e-01
##          4          4          4          4          4
## 9.663061e-01 5.570069e-01 1.188621e-01 5.985029e-01 6.398213e-01
##          4          4          4          4          4
## -2.330448e-01 5.935666e-01 8.189949e-01 1.115610e+00 2.353197e-01
##          4          4          4          4          4
## 8.706011e-01 2.638626e-01 -6.514075e-01 7.657982e-01 -5.420601e-01
##          4          4          4          4          4
## 9.518343e-01 -6.211662e-01 1.092173e-01 -1.378475e-01 5.904145e-01

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##          4          4          4          4          4
## -8.194967e+00  2.642919e+00  3.564794e-01  2.460859e-01  1.030585e+00
##          4          4          4          4          4
##  1.896852e+00 -8.387922e-01  4.243166e-01 -3.288392e-01  2.095598e-01
##          4          4          4          4          4
## -3.451329e-01  5.985052e-02  1.596539e+00  1.107945e+00  7.943562e-01
##          4          4          4          4          4
##  2.020323e-01  9.814721e-01  2.372735e-01 -1.462206e+00  7.660208e-01
##          4          4          4          4          4
##  5.968146e-01 -1.515494e+00 -1.289292e-01  1.327876e+00 -8.689355e-02
##          4          4          4          4          4
##  6.778511e-01  9.276435e-01  6.913097e-01  3.908769e-02 -2.875099e-01
##          4          4          4          4          4
## -2.502771e-01 -1.708814e-01  7.887140e-01  4.006075e-01 -3.605614e-01
##          4          4          4          4          4
##  1.215296e+00  1.096170e+00  6.238344e-01 -3.983886e-01 -1.783959e-01
##          4          4          4          4          4
##  3.207608e-01 -1.224397e+00  2.144719e+00  9.446847e-01  8.589178e-01
##          4          4          4          4          4
##  4.732207e-01 -1.307728e-01  1.005524e+00  8.432205e-01  5.129407e-01
##          4          4          4          4          4
##  7.153514e-01 -3.664433e+00 -1.173303e-01 -1.253471e-01  7.128398e-03
##          4          4          4          4          4
## -5.727801e-01  1.843816e-01  2.543506e+00  2.366378e+00  2.800137e-01
##          4          4          4          4          4
##  5.892895e-01 -2.087562e-01  9.171474e-01  6.812017e-01 -5.142586e-01
##          4          4          4          4          4
## -3.275287e-01  9.111240e-01  7.442055e-01 -7.512144e-01  8.846797e-01
##          4          4          4          4          4
##  1.173959e+00  7.686409e-01 -7.476103e-01  3.637166e-01  1.333663e+00
##          4          4          4          4          4
##  3.134348e-01  1.230561e+00  1.339989e+00  1.168132e-01 -4.951819e-01
##          4          4          4          4          4
## -3.664433e+00 -8.198597e-01  3.623723e-01  6.063154e-01 -3.664433e+00
##          4          4          4          4          4
##  7.764831e-01  5.971923e-01  1.869171e+00  5.261676e-01  1.259050e+00
##          4          4          4          4          4
## -3.023601e-01  8.984682e-01  2.351916e-01  5.945670e-01  1.150053e+00
##          4          4          4          4          4
##  2.424871e-01 -5.687795e-01  3.335884e-01 -1.200906e-01 -5.043275e-01
##          4          4          4          4          4
##  5.408535e-01 -5.330238e-01  3.734918e-01  6.456781e-01  3.554591e-01
##          4          4          4          4          4
##  1.021490e+00 -3.498164e-01  9.444093e-02  1.083171e+00 -5.420539e-02
##          4          4          4          4          4
##  2.667824e-01 -6.008550e-01  3.009670e-01  9.781810e-01  8.856285e-02
##          4          4          4          4          4
##  8.758371e-01 -8.050013e-01  3.152450e-01 -8.839018e-02  9.213659e-01
##          4          4          4          4          4
## -3.664433e+00 -3.138120e-01  8.465155e-01  1.184892e-01  7.668916e-01
##          4          4          4          4          4
##  3.906761e-01  3.167851e-02 -7.808107e-01  3.174248e-01  1.004169e+00
##          4          4          4          4          4
## -1.143108e+00  8.432745e-01  2.817467e-01 -3.458727e-01  5.122798e-01

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##          4          4          4          4          4
## -4.335663e-01 -8.326784e-01 -1.793877e-02  1.051393e+00  1.431507e-01
##          4          4          4          4          4
## -1.486110e-01  7.151787e-01  4.968491e-01  1.344894e-01 -7.551402e-01
##          4          4          4          4          4
##  6.410035e-01  5.826379e-01 -7.120760e-02  1.945132e-01  6.626314e-01
##          4          4          4          4          4
##  3.603777e-01 -7.879831e-01  6.719243e-01 -3.853207e-02 -5.517214e-01
##          4          4          4          4          4
## -4.515276e-01  1.408658e+00 -9.026326e-01  3.107492e-02  6.899048e-01
##          4          4          4          4          4
## -6.073775e-01 -6.536284e-01  1.071402e+00 -2.972787e-01  4.485802e-02
##          4          4          4          4          4
## -5.826028e-01  2.230693e+00  9.545186e-01 -1.815459e-01 -4.630990e-01
##          4          4          4          4          4
##  7.540376e-02  4.643288e-01  3.036078e-01 -5.168833e-01  8.135754e-01
##          4          4          4          4          4
##  4.259165e-01  5.809300e-02  1.170069e+00 -3.301193e-01  1.307799e-01
##          4          4          4          4          4
##  5.252049e-01  4.972233e-01  1.453626e+00 -1.601186e-01 -1.767659e-02
##          4          4          4          4          4
##  5.120275e-01  7.012076e-01 -3.743909e-02 -7.262752e-01  1.593228e+00
##          4          4          4          4          4
##  6.097071e-01  1.048866e+00  3.815339e-01  3.329823e-02 -1.287540e+00
##          4          4          4          4          4
##  4.905137e-01  6.937600e-01  2.779146e-01 -8.194967e+00  7.473868e-01
##          4          4          4          4          4
##  6.589667e-01 -1.540912e+00  1.098878e-01 -2.398921e-01  9.976348e-01
##          4          4          4          4          4
##  8.265277e-01  5.123418e-01 -1.292358e-01  2.015016e+00  2.149641e-01
##          4          4          4          4          4
##  4.265904e-01  5.212607e-01  3.426245e-01  1.700602e+00  3.308951e-01
##          4          4          4          4          4
## -3.664433e+00  1.036162e+00  1.877445e-01  1.109855e+00  3.722266e-01
##          4          4          4          4          4
##  2.310384e-01  1.168114e+00  2.678213e-01  6.130432e-01  4.498987e-01
##          4          4          4          4          4
##  1.278210e+00 -5.886770e-01  4.148099e-01 -1.641395e-01  1.070980e+00
##          4          4          4          4          4
## -1.694132e-01 -2.660967e+00  5.769976e-01  7.441958e-02  5.330548e-01
##          4          4          4          4          4
## -3.664433e+00  8.289248e-01  5.988994e-01  2.942316e-01  8.387347e-01
##          4          4          4          4          4
## -7.904056e+00  1.124162e+00 -3.037114e-01  1.092956e+00  8.003856e-01
##          4          4          4          4          4
## -2.469869e-01  5.048625e-01  4.865209e-02  8.327358e-01 -3.233718e-01
##          4          4          4          4          4
##  4.751602e-01  3.833622e-01  1.387812e+00 -3.664433e+00  7.763324e-01
##          4          4          4          4          4
## -1.243904e+00 -1.977185e-01 -3.930562e-01 -1.695325e+00 -8.271372e-01
##          4          4          4          4          4
## -6.077442e-02 -6.639870e-01 -7.711831e-01  1.923551e+00  7.316859e-03
##          4          4          4          4          4
##  1.231072e+00  2.904199e-01 -8.592213e-01  8.192763e-01 -1.856081e-01

```

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##          4          4          4          4          4
## -4.489940e-01  2.735070e-01 -1.492440e+00  9.645472e-01 -1.896848e-01
##          4          4          4          4          4
##  8.903006e-01 -8.194967e+00  1.132058e-01  1.722213e-01 -1.370688e-01
##          4          4          4          4          4
##  2.315639e-01  9.701567e-01 -4.237654e-01  1.419208e-01 -3.176556e-01
##          4          4          4          4          4
## -3.310758e-02  1.929566e-01  1.572243e+00  4.754959e-01  1.273982e+00
##          4          4          4          4          4
##  1.091113e+00  5.001620e-01  2.213730e-01  2.854531e-01  1.292636e+00
##          4          4          4          4          4
##  2.472960e-01 -1.063223e-01 -3.756755e-01  1.422292e-01 -5.160319e-01
##          4          4          4          4          4
## -2.620491e-03  4.692153e-01  6.508738e-01  3.842892e-01 -6.104102e-02
##          4          4          4          4          4
## -2.638116e-01  4.502351e-01 -1.033344e+00 -1.507673e-01  1.024649e+00
##          4          4          4          4          4
## -1.509651e-02  2.714623e-01  9.235367e-02 -1.051793e+00 -1.849129e-02
##          4          4          4          4          4
##  5.736832e-02  9.351685e-01  5.417569e-01 -4.127328e-01 -4.870235e-01
##          4          4          4          4          4
##  4.296637e-02 -8.845445e-01 -2.287485e-02  1.090849e-01 -1.383919e-01
##          4          4          4          4          4
##  3.840617e-01  2.702041e-01  6.847834e-02  7.833577e-02  1.726023e-01
##          4          4          4          4          4
## -4.106228e-01  1.925541e-01  7.149163e-01  6.785638e-02  8.352567e-01
##          4          4          4          4          4
##  1.521516e-01  1.035244e+00  1.317581e-01  7.070452e-01  1.195834e+00
##          4          4          4          4          4
##  7.244258e-01  2.377960e-01 -7.807712e-01  3.670545e-01  4.577188e-01
##          4          4          4          4          4
##  7.814204e-01  8.977848e-01 -8.006659e-02 -1.797331e-01 -7.640584e-01
##          4          4          4          4          4
## -3.664433e+00  8.553576e-01  2.419609e-01  3.527160e-01 -9.642699e-01
##          4          4          4          4          4
## -2.080625e-01  1.958470e-01  8.521422e-01  3.108290e-01 -7.868128e-01
##          4          4          4          4          4
## -1.118745e+00  1.857602e+00  9.568705e-01  5.708431e-01  6.133798e-01
##          4          4          4          4          4
##  1.612292e-01  1.105663e+00  6.510768e-01  1.908461e-01  4.992364e-01
##          4          4          4          4          4
## -3.664433e+00  1.241796e-02 -1.918776e-02  9.967571e-01  8.739886e-01
##          4          4          4          4          4
##  2.343925e-01  3.174772e-01 -1.949303e-01 -1.076482e-01 -5.532388e-01
##          4          4          4          4          4
## -2.413151e-01 -2.548733e+00 -8.194967e+00  1.389994e+00  1.461006e+00
##          4          4          4          4          4
## -1.575011e-02 -8.717121e-02 -8.400547e-02 -7.145510e-02 -5.789169e-01
##          4          4          4          4          4
## -5.593578e-01  1.096014e+00 -8.291587e-01  2.352534e-02  1.529860e-02
##          4          4          4          4          4
##  4.985459e-01 -8.471901e-01  3.274373e-01  9.986021e-02  3.428748e-01
##          4          4          4          4          4
##  5.518414e-01 -6.673082e-01 -1.715546e-01  9.676592e-01 -4.875461e-02

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```

##          4          4          4          4          4
## -8.194967e+00  7.885800e-01  6.524049e-01  2.241105e-01  9.179029e-01
##          4          4          4          4          4
##  2.483278e-01  1.958201e-01  1.614047e-01 -1.872664e-01 -7.507854e+00
##          4          4          4          4          4
##  2.610074e-02  1.689655e-01 -7.665175e-02 -4.940195e-01 -7.277289e-01
##          4          4          4          4          4
##  1.469122e+00  4.049322e-01  1.183876e+00  3.652377e-01 -5.284761e-01
##          4          4          4          4          4
##  7.789085e-01 -1.112641e+00 -1.882657e-01 -1.189388e-01  7.581120e-02
##          4          4          4          4          4
##  6.845540e-01  6.289144e-01  1.178584e+00  3.719566e-01  1.206962e+00
##          4          4          4          4          4
## -5.335804e-01 -2.224274e+00  8.803610e-01 -1.745736e-01  5.662474e-01
##          4          4          4          4          4
## -3.664433e+00 -3.730199e-01 -9.555077e-01  1.066299e+00  2.263456e-01
##          4          4          4          4          4
##  1.634934e+00  1.178872e-01 -6.178172e-01 -3.664433e+00 -9.070813e-01
##          4          4          4          4          4
##  1.935160e-01 -4.824196e-01  5.902582e-01 -6.047317e-02  1.206736e-01
##          4          4          4          4          4
##  7.152477e-01  7.866145e-02  5.593997e-01 -8.738123e-01 -3.352028e-01
##          4          4          4          4          4
##  1.090204e+00 -5.986255e-01 -3.664433e+00  3.206152e-01  8.064396e-02
##          4          4          4          4          4
##  2.215379e-01  1.708156e+00 -5.294627e-01  5.346819e-01  1.034058e+00
##          4          4          4          4          4
## -4.884243e-02  5.617659e-01  7.531489e-01 -2.972547e-01  1.484402e+00
##          4          4          4          4          4
##  1.192827e+00  6.382246e-01 -9.079273e-02  6.705619e-02  5.495611e-01
##          4          4          4          4          4
## -7.190621e-01  6.574798e-01 -2.255497e-01 -1.062280e+00  6.219800e-01
##          4          4          4          4          4
## -2.645194e-01  6.659379e-01  1.145333e+00  3.081445e-02  2.388915e-01
##          4          4          4          4          4
##  1.056655e+00 -1.097720e-01 -3.635871e-01  2.688960e-01  1.054062e+00
##          4          4          4          4          4
##  3.668882e-01 -6.699170e-01  4.241714e-01  9.676316e-01 -4.211008e-01
##          4          4          4          4          4
##  6.034143e-01  1.590081e+00  7.573307e-01 -9.023384e-01  1.191027e+00
##          4          4          4          4          4
## -5.708782e-01  1.575602e+00  1.194284e+00  2.841114e-01  3.284192e-01
##          4          4          4          4          4
##  4.057914e-01  5.864287e-01  6.039951e-01 -1.032559e+00  8.057758e-01
##          4          4          4          4          4
##  5.902582e-01 -5.938474e-01  1.196839e+00 -6.094304e-01 -5.111766e-01
##          4          4          4          4          4
##  3.273079e-01  4.663811e-01  6.379981e-01  5.738153e-01  1.282613e+00
##          4          4          4          4          4
##  7.338688e-01  4.436575e-01  9.354386e-01  5.253112e-01  9.444930e-01
##          4          4          4          4          4
## -1.575011e-02  2.575610e-01 -1.987091e-01  7.437417e-01  3.457529e-01
##          4          4          4          4          4
## -7.824272e-01  3.000075e-01  1.224413e+00  5.689097e-01  3.140956e-01

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##          4          4          4          4          4
## 8.092125e-01 -3.572017e-01 8.290139e-01 -8.649618e-01 1.465182e+00
##          4          4          4          4          4
## -5.610108e-02 2.066330e+00 -1.728466e-01 5.701269e-01 -6.750016e-02
##          4          4          4          4          4
## -5.763652e-01 3.485925e-01 9.933221e-02 -5.509341e-01 -3.227342e-02
##          4          4          4          4          4
## 3.283217e-01 2.657421e-01 9.335164e-02 3.855278e-01 1.829272e+00
##          4          4          4          4          4
## 5.084501e-01 -5.459611e-01 3.805975e-01 5.097734e-01 2.131017e-01
##          4          4          4          4          4
## -3.976391e-01 6.029181e-01 -7.192493e-01 9.137524e-03 7.360542e-01
##          4          4          4          4          4
## -2.495990e-01 -9.771552e-01 3.367862e-01 4.189939e-01 -3.664433e+00
##          4          4          4          4          4
## 5.545561e-01 9.932247e-01 7.234345e-01 -7.824272e-01 7.572467e-01
##          4          4          4          4          4
## -3.528735e-01 -2.058770e-01 -1.136691e+00 9.689602e-01 6.528626e-01
##          4          4          4          4          4
## 2.391860e-01 4.790506e-01 2.511945e-02 8.275170e-01 1.163673e+00
##          4          4          4          4          4
## -4.247287e-01 6.579601e-01 -3.664433e+00 -2.195534e-01 -2.651295e-01
##          4          4          4          4          4
## 7.563089e-01 -1.557336e+00 -4.355544e-01 -2.638551e-02 4.642761e-01
##          4          4          4          4          4
## -3.664433e+00 8.228509e-02 2.380613e+00 -1.131455e+00 -6.308419e-01
##          4          4          4          4          4
## 1.228900e+00 -2.780963e-01 -2.139256e-01 2.252372e-01 1.407466e+00
##          4          4          4          4          4
## -9.540919e-01 7.053472e-01 1.252984e+00 1.271857e-01 -7.031232e-02
##          4          4          4          4          4
## 5.378254e-01 2.049684e+00 2.404984e-01 4.987329e-01 1.062833e+00
##          4          4          4          4          4
## 1.471112e-01 8.039261e-01 1.564773e+00 -5.995441e-01 2.085781e-01
##          4          4          4          4          4
## 3.842892e-01 1.167391e-01 2.392815e-01 -6.911967e-01 -6.757821e-02
##          4          4          4          4          4
## 2.259434e-01 -4.658318e-02 -3.674027e-01 8.264244e-01 8.766042e-01
##          4          4          4          4          4
## 1.195780e+00 8.953956e-01 4.445704e-01 9.306156e-01 1.387621e+00
##          4          4          4          4          4
## 8.498990e-01 -1.088961e+00 -8.958190e-02 2.264700e-01 -4.340865e-01
##          4          4          4          4          4
## 1.329022e+00 -3.664433e+00 4.022364e-01 8.391409e-01 -6.536880e-01
##          4          4          4          4          4
## 6.050500e-01 -4.013452e-02 -8.702776e-01 1.034031e+00 -5.195953e-01
##          4          4          4          4          4
## 1.458497e+00 6.978090e-02 6.422320e-01 -8.546404e-01 2.926800e-01
##          4          4          4          4          4
## 9.751443e-01 1.029312e-02 -4.519873e-02 3.737091e-01 8.381047e-01
##          4          4          4          4          4
## -2.577281e-01 1.257956e+00 -1.285359e-01 5.682967e-01 -2.244255e-01
##          4          4          4          4          4
## 5.631815e-01 1.093800e-01 2.478533e-02 -1.260944e+00 1.937589e-01

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##          4          4          4          4          4
## 3.566899e-01 6.101634e-01 -1.955786e+00 1.684192e+00 -2.379825e-01
##          4          4          4          4          4
## 2.322696e+00 -3.935648e-01 -4.561498e-01 4.445704e-01 7.828014e-01
##          4          4          4          4          4
## 2.528462e-01 4.563271e-01 6.765928e-01 5.162361e-02 -3.841325e-01
##          4          4          4          4          4
## -2.880547e-01 -3.152981e-01 -2.690905e+00 5.444681e-01 -2.498027e-01
##          4          4          4          4          4
## -6.461305e-01 1.132657e+00 -1.869232e-01 8.178674e-01 -2.743454e-01
##          4          4          4          4          4
## 7.766425e-01 1.407555e+00 9.409918e-01 1.187169e+00 5.208407e-01
##          4          4          4          4          4
## -2.227925e-02 4.564488e-01 -2.500609e-01 -3.930037e-01 7.545814e-01
##          4          4          4          4          4
## 4.162098e-01 4.098243e-02 9.859172e-01 1.092904e+00 -3.664433e+00
##          4          4          4          4          4
## 1.919822e-01 3.169106e-02 -1.301086e+00 1.253480e+00 8.084818e-01
##          4          4          4          4          4
## 6.007752e-01 6.061795e-01 -5.462335e-01 8.779995e-01 2.495613e-01
##          4          4          4          4          4
## 7.367096e-02 2.350058e-01 1.234727e+00 -4.352595e-01 7.600199e-01
##          4          4          4          4          4
## 3.591860e-02 8.415217e-01 1.398082e+00 8.924807e-01 -2.950490e-03
##          4          4          4          4          4
## 6.427890e-02 3.077639e-01 -1.157527e+00 3.779256e-01 -1.989284e-01
##          4          4          4          4          4
## 4.279349e-01 5.396551e-01 -7.507854e+00 7.562168e-02 -8.675374e-01
##          4          4          4          4          4
## 4.459966e-01 3.468844e-01 1.162736e+00 2.881488e-01 7.249846e-01
##          4          4          4          4          4
## 1.483563e+00 1.208911e-01 1.041887e+00 3.907425e+00 8.873866e-01
##          4          4          4          4          4
## 2.265775e-01 -7.623717e-01 1.045929e+00 -4.691129e-01 1.090733e+00
##          4          4          4          4          4
## -2.762468e-01 1.287202e+00 1.541271e-01 1.897435e-01 1.616417e+00
##          4          4          4          4          4
## 2.223641e-01 1.411006e-01 -4.403313e-01 3.706767e-01 2.217406e-01
##          4          4          4          4          4
## -1.048167e+00 1.654085e+00 7.379066e-01 1.243413e+00 -1.947627e-01
##          4          4          4          4          4
## 8.632548e-01 1.195299e-01 -8.194967e+00 1.374575e-02 -1.882054e-01
##          4          4          4          4          4
## -5.737352e-02 -3.664433e+00 4.081002e-01 -9.824514e-01 1.115226e+00
##          4          4          4          4          4
## -5.577117e-01 -1.608823e+00 -6.107435e-01 3.104996e-01 -8.658286e-02
##          4          4          4          4          4
## -7.606820e-01 1.414901e+00 3.804490e-03 -5.121290e-02 4.287659e-02
##          4          4          4          4          4
## 6.700908e-01 1.414986e-02 7.053253e-01 1.683875e+00 1.625689e-01
##          4          4          4          4          4
## 1.650079e+00 1.164346e+00 -1.046891e+00 -4.907632e-01 7.562470e-01
##          4          4          4          4          4
## 1.186415e+00 1.259930e+00 1.401406e+00 1.069033e+00 1.751400e-02

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##          4          4          4          4          4
## -3.670771e-01 -5.156608e-01  3.415989e-01  9.915215e-02  4.158027e-01
##          4          4          4          4          4
##  8.575364e-01 -2.582835e+00  5.734998e-02  2.097126e-01  1.161642e+00
##          4          4          4          4          4
##  2.720578e+00  6.030634e-01  3.606395e-01 -1.872664e-01  9.633726e-02
##          4          4          4          4          4
##  3.9277703e-01  6.862080e-02 -1.193089e+00 -8.194967e+00 -8.194967e+00
##          4          4          4          4          4
##  4.453240e-01  2.750250e-01  1.025751e+00 -3.664433e+00 -2.743713e-01
##          4          4          4          4          4
## -3.147872e-01 -5.105999e-02 -3.580150e-01  9.897401e-01 -1.036492e+00
##          4          4          4          4          4
##  2.323024e-01 -7.390912e-01  3.363235e-01  1.160485e+00  1.094542e-01
##          4          4          4          4          4
##  1.176354e+00  4.302684e-01 -1.221481e-01 -6.250477e-01  4.920568e-01
##          4          4          4          4          4
## -1.573422e+00 -5.527513e-01  1.229923e+00  5.032153e-01 -1.233869e+00
##          4          4          4          4          4
##  1.071402e+00  5.683536e-01  7.208044e-01 -5.995441e-01 -5.265454e-01
##          4          4          4          4          4
## -7.623717e-01  1.304713e-01 -7.814126e-01 -3.015456e-01 -8.418107e-02
##          4          4          4          4          4
##  6.037982e-01 -3.281719e-02 -3.517649e-01  4.343313e-01  3.999177e-01
##          4          4          4          4          4
## -2.909784e-01  3.386821e-01  4.753820e-01  3.826849e-01  4.346062e-01
##          4          4          4          4          4
## -1.012016e+00 -3.476364e-02  2.592489e-01 -3.663696e-01  3.542281e-01
##          4          4          4          4          4
## -3.664433e+00 -9.292253e-01  1.149019e+00  7.290748e-01  4.240659e-01
##          4          4          4          4          4
## -8.846527e-02  1.141903e+00 -7.147572e-01 -1.065764e+00  9.681920e-01
##          4          4          4          4          4
## -1.675603e-01 -9.621962e-01  7.994224e-01 -1.361457e+00 -2.828118e-01
##          4          4          4          4          4
##  3.439003e-01  7.150828e-01 -4.127103e-01  1.082728e-02  5.660649e-01
##          4          4          4          4          4
##  8.775289e-01  3.213948e-01 -5.355612e-01 -3.664433e+00  9.451549e-01
##          4          4          4          4          4
## -8.386330e-01  1.126919e-01 -1.293042e+00  1.629061e-03 -4.424956e-01
##          4          4          4          4          4
##  1.385440e-02 -7.349887e-01  5.187211e-01  7.172404e-02  4.903047e-01
##          4          4          4          4          4
## -7.990121e-01 -6.985297e-01 -4.905610e-01  1.393811e+00  4.721857e-01
##          4          4          4          4          4
##  8.449079e-01 -7.904056e+00  8.542707e-01 -8.194967e+00 -4.787571e-02
##          4          4          4          4          4
## -7.521908e-01 -8.194967e+00 -2.351210e-01 -4.073188e-01  8.797921e-01
##          4          4          4          4          4
## -8.992126e-02  5.460259e-02  5.294429e-01  6.515973e-01  8.903232e-01
##          4          4          4          4          4
## -1.431507e-01  7.936983e-01  1.037418e+00  1.096533e+00  6.229141e-01
##          4          4          4          4          4
##  8.951828e-01  8.768134e-01  1.166747e+00 -6.633646e-01 -3.664433e+00

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##          4          4          4          4          4
## 4.081237e-01 -7.149495e-01 -2.877554e-01 2.305949e+00 1.360755e+00
##          4          4          4          4          4
## 9.954562e-01 1.161920e+00 -6.593576e-01 2.327333e-01 2.969179e-01
##          4          4          4          4          4
## 6.802730e-01 -4.575159e-01 -1.137818e+00 -7.904056e+00 1.940587e-01
##          4          4          4          4          4
## 3.793295e-01 1.754752e-01 4.619919e+00 5.297224e+00 6.917350e-02
##          4          4          4          4          4
## -1.112302e+00 -6.799994e-03 8.940034e-02 -1.500444e-01 -6.033415e-01
##          4          4          4          4          4
## 1.360456e+00 -6.615305e-04 9.966251e-01 -1.836160e-01 7.424395e-01
##          4          4          4          4          4
## -1.189388e-01 -1.594214e+00 5.892281e-01 8.465928e-01 -3.664433e+00
##          4          4          4          4          4
## -3.788094e-01 -4.169088e-01 1.450074e+00 5.867957e-01 5.093037e-01
##          4          4          4          4          4
## -1.193416e+00 3.683533e-01 1.027763e+00 9.616894e-01 3.648032e-01
##          4          4          4          4          4
## 5.728598e-01 -1.082956e+00 1.501305e-02 -6.437983e-01 6.044654e-01
##          4          4          4          4          4
## -9.330194e-02 8.159805e-01 7.765704e-01 -2.693618e-01 4.376360e-01
##          4          4          4          4          4
## 2.667954e-01 4.550471e-01 3.300722e-01 -1.807141e+00 5.534264e-01
##          4          4          4          4          4
## 6.141373e-01 4.541167e-01 6.741020e-01 2.291318e-01 1.266707e+00
##          4          4          4          4          4
## -2.075991e-01 5.413416e-01 -5.281888e-01 -7.326763e-01 8.359527e-01
##          4          4          4          4          4
## -6.035823e-01 1.195834e+00 1.060029e+00 -3.664433e+00 1.017065e+00
##          4          4          4          4          4
## 3.254063e-03 3.837421e-01 5.788870e-01 1.081200e+00 5.723445e-02
##          4          4          4          4          4
## 6.197948e-02 -2.748727e-01 -5.330540e-01 1.563599e+00 4.254054e-01
##          4          4          4          4          4
## 5.772730e-01 4.141201e-02 9.171474e-01 2.841843e-01 4.754699e-01
##          4          4          4          4          4
## 1.168589e+00 1.342913e-01 1.181344e+00 1.559672e+00 1.052140e+00
##          4          4          4          4          4
## 7.162428e-01 2.075482e-01 1.493932e-02 1.370816e-01 2.333993e+00
##          4          4          4          4          4
## 1.714720e-01 1.884218e-01 2.677190e-01 3.269393e-01 -4.331979e-01
##          4          4          4          4          4
## 7.608597e-01 7.423004e-01 -8.056735e-02 -9.832935e-02 1.697721e+00
##          4          4          4          4          4
## 1.511987e+00 1.467468e+00 6.291522e-01 -5.449635e-01 -4.356963e-01
##          4          4          4          4          4
## 3.826492e-01 4.373960e-01 7.751447e-01 5.417842e-01 -7.884639e-01
##          4          4          4          4          4
## -1.688076e-01 -7.877669e-02 5.061838e-01 7.491411e-01 -1.892593e-01
##          4          4          4          4          4
## 3.528790e-01 4.964327e-01 2.266006e-01 -7.623717e-01 3.710193e-01
##          4          4          4          4          4
## 3.333958e-02 -3.191708e-01 -3.518229e-03 3.817717e-01 3.560214e-01

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##          4          4          4          4          4          4
## 2.749868e-01 -8.367102e-01 -4.204455e-01 5.358613e-01 5.135366e-01
##          4          4          4          4          4          4
## -1.476652e-01 3.108290e-01 -4.247543e-01 2.810393e-01 8.084818e-01
##          4          4          4          4          4          4
## -6.218162e-01 1.641861e+00 -2.651972e-01 9.064361e-01 1.535955e+00
##          4          4          4          4          4          4
## -8.194967e+00 -1.338399e+00 -5.937665e-02 2.107957e-01 3.519297e-01
##          4          4          4          4          4          4
## -9.038047e-01 5.103375e-01 1.493471e+00 -4.115279e-03 5.836077e-01
##          4          4          4          4          4          4
## 7.730363e-01 -7.211746e-01 6.970567e-01 -1.407293e+00 6.030634e-01
##          4          4          4          4          4          4
## 1.213906e+00 -1.545492e+00 -8.355888e-01 7.917914e-01 -3.664433e+00
##          4          4          4          4          4          4
## -1.171684e-01 -8.673911e-01 -6.574454e-01 -3.664433e+00 1.727389e+00
##          4          4          4          4          4          4
## -2.290512e-01 1.056089e+00 -3.349214e-02 3.406186e-01 1.133806e-01
##          4          4          4          4          4          4
## -4.622116e-01 -3.118070e-01 3.597742e-01 5.764564e-01 5.712409e-01
##          4          4          4          4          4          4
## 3.305760e-01 1.258169e-01 1.997627e-01 2.262451e-01 6.917257e-01
##          4          4          4          4          4          4
## 5.912816e-01 3.548429e-01 2.616587e+00 -7.003281e-01 2.066499e-01
##          4          4          4          4          4          4
## 3.269722e-01 7.641222e-01 2.654442e-01 1.788267e-01 7.725543e-01
##          4          4          4          4          4          4
## -4.391231e-02 -1.454886e-01 1.248311e-01 -1.034896e+00 1.641465e+00
##          4          4          4          4          4          4
## 3.360068e-01 -1.121564e+00 1.154722e+00 -1.559684e-01 -1.867901e-01
##          4          4          4          4          4          4
## 1.714782e-01 7.402158e-01 -8.921670e-01 1.212481e-01 2.812840e-01
##          4          4          4          4          4          4
## 2.857110e-01 1.978548e+00 -2.518599e-01 -8.391549e-01 -8.194967e+00
##          4          4          4          4          4          4
## 5.533770e-01 -5.592574e-01 5.684804e-01 -9.985329e-03 1.623666e+00
##          4          4          4          4          4          4
## 2.902848e-01 -3.841723e-01 1.019026e+00 -2.737315e-01 -3.664433e+00
##          4          4          4          4          4          4
## 7.705758e-01 5.599144e-01 -9.524213e-01 1.831097e+00 3.359882e+00
##          4          4          4          4          4          4
## 1.174364e+00 3.009948e-01 -7.807712e-01 -2.037154e-01 9.285143e-01
##          4          4          4          4          4          4
## 7.272486e-01 7.392405e-01 8.705228e-01 9.831639e-03 3.456898e-01
##          4          4          4          4          4          4
## -3.664433e+00 -3.664433e+00 9.379755e-01 1.412692e-01 4.539290e-01
##          4          4          4          4          4          4
## 7.817905e-01 4.356307e-01 1.580744e+00 -8.862253e-01 3.548855e-01
##          4          4          4          4          4          4
## -1.415133e+00 3.110131e-01 -1.000112e+00 -9.662811e-01 -1.065099e-01
##          4          4          4          4          4          4
## 7.745167e-01 -1.739751e-01 2.667914e-01 -1.902604e+00 1.740378e-01
##          4          4          4          4          4          4
## 2.395322e-01 9.740716e-01 -4.744102e-01 -2.084637e-01 3.505595e-01

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##          4          4          4          4          4
## -3.664433e+00 1.179939e+00 5.994149e-01 -3.664433e+00 1.058883e-01
##          4          4          4          4          4
## 1.521674e+00 7.526225e-01 -3.366089e-01 -1.598764e-01 5.467799e-01
##          4          4          4          4          4
## 6.105895e-01 5.112432e-02 1.218380e+00 3.543538e-02 1.985181e-01
##          4          4          4          4          4
## -5.955621e-01 -3.092475e-01 3.641532e-01 -7.862938e-02 4.462719e-01
##          4          4          4          4          4
## -3.664433e+00 -5.770675e-02 -3.664433e+00 -5.614348e-01 4.153522e-01
##          4          4          4          4          4
## -1.928127e+00 7.966571e-01 5.267888e-01 -1.072525e+00 -3.655109e-01
##          4          4          4          4          4
## -2.274274e-01 -3.808088e-01 1.554314e+00 6.772569e-01 -5.857875e-01
##          4          4          4          4          4
## 1.908684e-01 -8.335672e-01 1.318594e-01 8.549735e-01 -1.173864e+00
##          4          4          4          4          4
## -3.823471e-01 -5.084641e-01 7.468316e-01 -5.687898e-01 -1.976440e-01
##          4          4          4          4          4
## -7.525678e-01 -7.904056e+00 1.806021e+00 1.160485e+00 -7.297697e-01
##          4          4          4          4          4
## -3.476040e-01 -7.082140e-01 -2.147068e-03 1.652392e-01 3.000942e-01
##          4          4          4          4          4
## 1.107860e+00 -7.172818e-01 1.963494e+00 -5.222925e-01 2.570206e-01
##          4          4          4          4          4
## 2.453548e-01 8.869678e-01 8.995687e-01 -5.218236e-01 1.078863e+00
##          4          4          4          4          4
## 4.313323e-01 -6.308419e-01 1.885065e-01 -3.664433e+00 -8.037091e-01
##          4          4          4          4          4
## -5.746042e-01 8.278036e-01 4.192253e-01 2.181896e-01 4.717269e-01
##          4          4          4          4          4
## 1.690051e-01 -1.346540e-01 -7.971478e-01 2.150899e-01 7.447663e-01
##          4          4          4          4          4
## 6.415995e-01 5.640705e-01 5.032838e-01 -5.148991e-01 2.096803e-01
##          4          4          4          4          4
## 1.607286e+00 -2.647113e-01 3.358746e-01 -7.572558e-01 8.523401e-02
##          4          4          4          4          4
## 1.156492e+00 5.782337e-02 -6.682657e-01 8.462176e-01 8.182846e-01
##          4          4          4          4          4
## -9.754582e-01 -1.010312e+00 -1.549954e-01 -8.599730e-01 1.674260e-01
##          4          4          4          4          4
## 6.397406e-02 1.004552e+00 2.413194e-01 1.228420e-01 1.918646e+00
##          4          4          4          4          4
## 6.660310e-01 1.852477e-01 1.736146e-01 6.325419e-01 -3.664433e+00
##          4          4          4          4          4
## 4.085120e-01 -1.646292e+00 9.676405e-01 -3.664433e+00 -3.664433e+00
##          4          4          4          4          4
## -1.600898e+00 1.677346e-01 1.885609e-01 -2.951291e-01 4.446054e-01
##          4          4          4          4          4
## -4.255475e-02 2.943994e-01 5.605937e-02 1.079587e+00 8.663354e-01
##          4          4          4          4          4
## 1.451269e+00 -3.664433e+00 -7.457361e-02 -1.247375e+00 2.211393e-01
##          4          4          4          4          4
## 1.389408e+00 4.521597e-01 2.887673e-01 9.819292e-01 -3.664433e+00

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##          4          4          4          4          4
## 4.951841e-01 -6.286338e-01 4.199362e-01 -1.374515e+00 3.866090e-01
##          4          4          4          4          4
## 1.480651e+00 -1.251492e+00 -8.194967e+00 -3.548657e-01 1.242511e+00
##          4          4          4          4          4
## 6.519503e-01 -1.734228e-01 1.254768e-01 9.988836e-01 -1.431071e+00
##          4          4          4          4          4
## 6.093844e-02 4.145235e-01 4.669801e-01 -1.180702e+00 1.258199e+00
##          4          4          4          4          4
## 1.567820e+00 3.556636e-01 1.517042e+00 6.929018e-01 1.009539e+00
##          4          4          4          4          4
## 5.323922e-01 6.246659e-01 4.076628e-01 2.875241e-01 -1.216583e-01
##          4          4          4          4          4
## -1.558376e-01 9.136604e-02 7.917914e-01 -8.350412e+00 -3.664433e+00
##          4          4          4          4          4
## 4.782041e-01 3.303234e-01 1.870756e+00 8.432814e-01 -6.734506e-01
##          4          4          4          4          4
## -2.554346e-01 7.646399e-02 6.551526e-01 6.412545e-01 -7.418473e-01
##          4          4          4          4          4
## 1.840778e-01 5.561624e-01 7.724266e-02 -2.885617e-01 3.087722e-01
##          4          4          4          4          4
## 1.958201e-01 4.767716e-01 4.003461e-02 2.925266e-01 7.627994e-01
##          4          4          4          4          4
## 7.608597e-01 6.461761e-01 -3.006623e-01 2.054750e+00 4.086804e-01
##          4          4          4          4          4
## 9.189555e-02 2.176253e-01 -5.280679e-01 4.094940e-01 -9.946367e-02
##          4          4          4          4          4
## 4.055655e-02 3.834467e+00 6.960353e-01 1.855959e-01 7.757067e-03
##          4          4          4          4          4
## 8.284939e-01 3.000737e-01 5.315670e-01 -8.355897e-01 5.316907e+00
##          4          4          4          4          4
## -1.080604e+00 -2.413151e-01 9.488615e-01 3.974679e-01 5.497062e-01
##          4          4          4          4          4
## -7.456016e-01 -3.664433e+00 -9.499077e-03 -9.052689e-01 4.429798e-02
##          4          4          4          4          4
## 1.207009e+00 1.119344e-01 -5.641507e-01 1.012146e+00 1.153058e-01
##          4          4          4          4          4
## -2.567444e-01 1.899649e-01 6.543516e-01 6.890897e-01 4.781799e-01
##          4          4          4          4          4
## -1.048056e+00 -5.945966e-01 6.216537e-01 1.993874e-01 -2.817242e-01
##          4          4          4          4          4
## 4.209518e-01 7.156944e-01 4.240701e-01 -6.172696e-01 1.567078e+00
##          4          4          4          4          4
## 5.446948e-01 -2.769794e-01 -2.477055e-01 -4.910157e-01 -8.194967e+00
##          4          4          4          4          4
## 6.020205e-01 1.209988e+00 1.310778e+00 6.482892e-01 1.613800e+00
##          4          4          4          4          4
## 7.162896e-01 1.130877e+00 1.082566e+00 2.741114e+00 1.114018e-01
##          4          4          4          4          4
## -1.451885e+00 4.924466e-01 -1.937828e-01 -2.922717e-01 -8.465118e-01
##          4          4          4          4          4
## -2.397161e-01 -5.365394e-01 6.031984e-01 -2.027408e-01 -7.490805e-01
##          4          4          4          4          4
## 3.585608e-01 -5.716699e-01 -1.235423e+00 3.949825e-01 1.682355e-01

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##          4          4          4          4          4          4
## 3.146971e-02 6.905303e-01 -8.242250e-01 2.077761e-01 3.974272e-01
##          4          4          4          4          4          4
## -1.040809e-01 2.753085e-01 1.104729e-01 7.501142e-01 6.554519e-01
##          4          4          4          4          4          4
## 6.058412e-01 -7.507854e+00 -3.664433e+00 2.236130e-01 5.925643e-01
##          4          4          4          4          4          4
## 6.626460e-01 7.687933e-01 -1.793341e-01 7.938037e-01 5.047944e-01
##          4          4          4          4          4          4
## 1.573327e+00 -1.969756e-01 7.124452e-01 8.094386e-01 9.413013e-01
##          4          4          4          4          4          4
## 6.590649e-01 1.562677e+00 -1.317145e-01 6.648581e-01 2.559919e-01
##          4          4          4          4          4          4
## 7.309646e-01 1.037132e+00 4.936837e-01 1.248388e+00 -1.076385e-01
##          4          4          4          4          4          4
## -4.417084e-01 7.114102e-01 3.285951e-01 7.610831e-01 -1.269811e+00
##          4          4          4          4          4          4
## 9.157582e-01 -4.597196e-01 2.532250e-01 1.050955e+00 -4.188925e-01
##          4          4          4          4          4          4
## -8.164734e-01 -1.523914e-01 9.131131e-01 -8.596440e-03 -1.475935e+00
##          4          4          4          4          4          4
## 3.722458e-01 4.366981e-01 1.175956e+00 4.226596e-01 7.345360e-01
##          4          4          4          4          4          4
## 1.333761e+00 4.370451e-01 7.836089e-01 1.940698e-02 5.194113e-01
##          4          4          4          4          4          4
## 6.613436e-01 -1.801669e-01 4.645486e-01 4.760093e-01 2.466730e-01
##          4          4          4          4          4          4
## 1.462927e+00 4.367578e-01 9.694123e-01 -5.813535e-03 9.365814e-01
##          4          4          4          4          4          4
## 6.064700e-01 -3.003369e-01 8.089148e-01 2.166239e+00 3.929909e-01
##          4          4          4          4          4          4
## -7.642809e-01 1.337471e+00 -3.401527e-01 9.162847e-01 7.791559e-01
##          4          4          4          4          4          4
## 6.978090e-02 7.164132e-02 -7.560941e-01 -5.736990e-01 1.052518e-01
##          4          4          4          4          4          4
## 9.101511e-01 4.180928e-01 -4.892582e-01 -3.079067e-01 5.058086e-01
##          4          4          4          4          4          4
## -6.877042e-01 3.778533e-01 -1.956271e-01 1.735112e-01 -2.818559e-01
##          4          4          4          4          4          4
## 3.182990e-01 -3.030773e-02 7.251777e-01 -1.872664e-01 -7.708036e-01
##          4          4          4          4          4          4
## -8.709880e-01 -2.441256e-01 1.163509e+00 -4.069587e-01 2.591822e-02
##          4          4          4          4          4          4
## -6.250477e-01 3.548855e-01 8.844587e-01 4.165339e-01 5.312114e-01
##          4          4          4          4          4          4
## -5.819881e-01 5.732909e-01 5.188106e-01 -1.061581e-01 8.251765e-01
##          4          4          4          4          4          4
## -5.359743e-01 1.398942e-01 1.271742e+00 2.195900e-01 -6.250608e-01
##          4          4          4          4          4          4
## 2.128384e-01 6.536438e-02 2.882585e-01 -1.005420e+00 1.225841e+00
##          4          4          4          4          4          4
## 4.648925e-01 -5.272700e-01 1.324195e+00 -5.498010e-01 1.006212e+00
##          4          4          4          4          4          4
## 4.955576e-01 -1.092119e-01 -1.989518e-01 1.543629e+00 -2.324983e-01

```

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##          4          4          4          4          4
## -8.613251e-01 -2.329084e-01  3.803523e-01 -2.660439e-01  9.619377e-01
##          4          4          4          4          4
##  1.016829e+00  5.215498e-01  1.502713e+00 -6.110110e-01  2.199105e-01
##          4          4          4          4          4
##  1.005105e+00 -8.194967e+00 -4.228552e-01  1.538503e+00  1.403257e+00
##          4          4          4          4          4
##  1.235772e+00  9.354789e-02  5.654527e-01  3.853478e-01  5.687090e-01
##          4          4          4          4          4
##  5.427468e-01  1.292402e+00  2.622835e-01 -6.585543e-01 -1.916594e-01
##          4          4          4          4          4
## -1.053786e+00  6.556819e-01  2.835607e-01  4.022478e-01 -3.664433e+00
##          4          4          4          4          4
##  1.002163e+00  1.473369e+00  7.422204e-01  7.629827e-02 -3.143535e-01
##          4          4          4          4          4
## -1.967545e+00 -1.406929e+00  6.531289e-01 -1.741848e-01 -4.546381e-01
##          4          4          4          4          4
##  7.415173e-03 -1.986560e-02  5.301170e-01 -8.152634e-01  4.147731e-01
##          4          4          4          4          4
## -6.756311e-02 -1.835584e+00 -2.485300e-01  8.089339e-01  4.712849e-01
##          4          4          4          4          4
## -8.960937e-01 -8.194967e+00 -1.612903e-02  4.757415e-01 -3.664433e+00
##          4          4          4          4          4
## -8.194967e+00  6.657174e-01 -3.129611e-01  1.288008e+00  7.106945e-01
##          4          4          4          4          4
## -3.583132e-01  1.439332e-01  3.638112e-01  2.914415e-01  1.245219e+00
##          4          4          4          4          4
##  6.145622e-01 -2.936575e-01  5.123418e-01 -3.664433e+00 -6.054876e-01
##          4          4          4          4          4
##  2.781358e-01  6.123956e-01  1.332254e-01  1.401103e+00  6.164995e-02
##          4          4          4          4          4
##  1.963605e-01  4.821678e-01 -1.892969e+00  1.611926e-01  3.086512e-01
##          4          4          4          4          4
##  1.898260e-01  7.058083e-01  1.300058e+00  6.492060e-01  5.780256e-02
##          4          4          4          4          4
## -8.418455e-01  1.161303e+00  1.162662e+00  4.738580e-02 -3.664433e+00
##          4          4          4          4          4
## -3.200970e-01  4.531128e-01 -9.383663e-01 -7.824272e-01  1.602751e+00
##          4          4          4          4          4
##  3.226555e-01 -3.787865e-01  6.212238e-01 -5.441086e-01  2.487845e-01
##          4          4          4          4          4
##  1.035674e+00  3.830865e+00  9.752622e-01 -4.249061e-01 -1.451121e-01
##          4          4          4          4          4
##  4.947413e-01 -4.729597e-01  4.504376e-01  6.504479e-01  1.101352e-01
##          4          4          4          4          4
## -3.664433e+00 -1.957778e-01  3.157826e-01  7.781540e-01  4.780326e-01
##          4          4          4          4          4
##  1.781143e-01  9.733471e-02  1.288122e+00  7.608597e-01 -1.673377e-01
##          4          4          4          4          4
##  2.131849e-01  9.926850e-01 -6.404585e-01  3.501631e-01 -4.696817e-01
##          4          4          4          4          4
## -3.688539e-01 -5.534494e-01 -5.905911e-01  6.183977e-01  3.754165e-03
##          4          4          4          4          4
##  7.438373e-01  1.108788e+00  7.281913e-01 -8.194967e+00  1.923367e-01

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##          4          4          4          4          4
## -8.194967e+00 5.901143e-01 -1.067341e+00 -1.062847e-01 -7.502374e-01
##          4          4          4          4          4
## -1.466872e+00 2.276320e-01 -4.214138e-01 6.754251e-01 1.133065e+00
##          4          4          4          4          4
## 3.374750e-01 5.628372e-02 -1.254056e+00 -4.428713e-01 9.390676e-01
##          4          4          4          4          4
## -9.360419e-01 -2.687355e-01 5.864012e-01 3.814853e-01 8.584862e-01
##          4          4          4          4          4
## 5.486587e-01 -2.162118e+00 -1.301265e-01 1.054920e+00 -4.249724e-01
##          4          4          4          4          4
## -2.157556e-01 -3.868188e-01 -5.051870e-02 -1.770711e-01 3.530824e-01
##          4          4          4          4          4
## 4.885475e-01 2.057894e-01 -6.461021e-01 7.288246e-01 -9.832131e-01
##          4          4          4          4          4
## -1.597065e-01 -3.992120e-01 -1.538343e+00 -6.029213e-01 1.017905e+00
##          4          4          4          4          4
## -3.144698e-01 7.500121e-01 -8.785259e-01 2.676884e-01 8.938438e-02
##          4          4          4          4          4
## -8.194967e+00 9.704562e-01 -2.623723e-01 6.055700e-01 -6.026859e-02
##          4          4          4          4          4
## 4.349551e-01 -3.056476e-01 -2.070140e-01 1.010547e+00 9.266602e-01
##          4          4          4          4          4
## -2.526267e-01 -9.863340e-02 1.833057e-01 -3.264314e-02 1.035349e+00
##          4          4          4          4          4
## 2.000324e-02 9.803852e-01 7.330269e-01 -7.504839e-01 4.281794e-01
##          4          4          4          4          4
## -8.668305e-01 5.346000e-01 1.477869e+00 8.415387e-01 2.393893e-01
##          4          4          4          4          4
## 3.584200e-01 1.178584e+00 4.416736e-01 -2.028503e-01 6.198066e-01
##          4          4          4          4          4
## -3.664433e+00 1.441150e-01 8.270412e-01 -4.957859e-01 1.224413e+00
##          4          4          4          4          4
## -7.524893e-01 3.167753e-01 7.828014e-01 -5.199920e-01 -1.274717e+00
##          4          4          4          4          4
## 6.204761e-01 1.050357e+00 -1.109724e-01 -3.082200e-01 5.644206e-01
##          4          4          4          4          4
## 6.919286e-02 7.695520e-02 5.002423e-01 2.061011e-01 2.358115e-01
##          4          4          4          4          4
## -1.278704e-01 6.345146e-01 1.644826e-01 -1.454083e+00 9.677076e-01
##          4          4          4          4          4
## 6.034143e-01 2.382334e-01 1.352598e+00 6.667791e-02 4.468744e-01
##          4          4          4          4          4
## 6.736054e-01 7.330535e-01 1.084969e+00 -1.782196e-01 3.780142e-01
##          4          4          4          4          4
## -6.083114e-01 9.118964e-01 -5.578393e-01 7.049884e-03 -8.194967e+00
##          4          4          4          4          4
## 5.581977e-01 2.548992e-01 -2.021608e-03 1.452006e+00 -5.063007e-01
##          4          4          4          4          4
## 5.708431e-01 -5.233709e-01 3.374708e-01 1.804630e-01 1.218214e-01
##          4          4          4          4          4
## 2.938046e-01 8.406031e-02 -1.309994e-01 1.567017e+00 -2.523525e-01
##          4          4          4          4          4
## 6.097860e-01 3.308538e-01 3.200132e-01 -9.109874e-01 -3.445598e-02

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```

##          4          4          4          4          4
## -2.004211e-01 -8.894854e-01 -7.665117e-01  1.328946e+00  7.705957e-01
##          4          4          4          4          4
##  3.918250e-01 -3.548333e-01  5.345685e-01 -5.044121e-01 -2.155668e-02
##          4          4          4          4          4
##  7.837957e-01 -6.696959e-01 -2.983043e-01  8.149032e-01 -1.545425e+00
##          4          4          4          4          4
## -5.079265e-01  3.274373e-01  1.167507e+00 -1.765886e-01  6.509169e-01
##          4          4          4          4          4
##  7.086221e-02  9.578212e-01 -9.946367e-02  4.978349e-01  1.907008e-01
##          4          4          4          4          4
##  1.974734e-01 -1.068300e-01  3.074566e-01 -1.709707e+00  1.294589e+00
##          4          4          4          4          4
##  3.919378e-02 -1.959401e-01  1.027224e+00  1.021553e+00  2.405884e-01
##          4          4          4          4          4
## -6.129688e-01 -1.072180e-01 -8.634373e-01 -3.126763e-01  5.494047e-01
##          4          4          4          4          4
##  1.316492e+00  6.526433e-01  5.602536e-01  1.376891e+00 -7.923060e-01
##          4          4          4          4          4
##  1.083632e+00 -6.160856e-02 -4.849787e-01  5.585030e-01 -8.643929e-02
##          4          4          4          4          4
##  3.899920e-01  4.332466e-03  1.237019e+00  9.965036e-02 -7.862419e-01
##          4          4          4          4          4
##  8.370246e-01 -2.660076e-01  7.969358e-01  8.885150e-01  3.842892e-01
##          4          4          4          4          4
##  3.822775e-01 -8.194967e+00  9.580465e-01  9.144831e-01 -3.062129e-02
##          4          4          4          4          4
## -3.664433e+00  2.345489e-01  1.485948e+00 -1.287243e-01 -2.265830e-01
##          4          4          4          4          4
## -3.664433e+00  6.651336e-01  5.267406e-01  5.375109e-01  2.365638e-01
##          4          4          4          4          4
##  1.162273e+00  1.180743e+00  5.346343e-02  9.843005e-01 -1.653100e-01
##          4          4          4          4          4
## -6.181675e-01  3.789851e-01  1.575222e-01 -3.263674e-01 -9.206496e-01
##          4          4          4          4          4
##  1.146704e+00  1.087070e-01  2.007662e+00 -4.841727e-01  4.487986e-01
##          4          4          4          4          4
##  4.540272e-01  1.833829e-01 -1.477795e-01  1.582434e+00  2.657421e-01
##          4          4          4          4          4
## -8.115879e-01 -7.507854e+00  1.290687e+00 -3.664433e+00 -8.482601e-02
##          4          4          4          4          4
##  4.243667e-01 -1.190542e+00  1.722010e+00  4.093066e-01  5.332746e-01
##          4          4          4          4          4
##  6.053080e-01 -4.975644e-01 -9.852503e-01  9.778225e-01 -5.614348e-01
##          4          4          4          4          4
##  3.099971e-01  3.789851e-01 -9.510246e-01  9.989453e-01  3.860197e-01
##          4          4          4          4          4
##  5.493691e-02 -1.937271e-01  4.862684e-01  4.225084e-01  4.844173e-01
##          4          4          4          4          4
## -7.699343e-01 -3.158645e-01 -4.662218e-01 -2.003003e-01  6.862082e-01
##          4          4          4          4          4
## -9.832131e-01  6.513679e-01  8.174731e-01 -6.133577e-01  4.259109e-01
##          4          4          4          4          4
##  6.472325e-01  5.527140e-01  3.669233e-01  1.375268e+00  1.168259e+00

```

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##          4          4          4          4          4
## 4.621413e-01 -4.516325e-01 6.672134e-01 5.453868e-01 -3.664433e+00
##          4          4          4          4          4
## -1.187512e+00 -3.664433e+00 9.986010e-01 9.784394e-01 9.019891e-01
##          4          4          4          4          4
## 1.088037e+00 1.436098e-01 2.073349e-01 -7.237122e-01 -1.235921e-01
##          4          4          4          4          4
## -1.652221e-01 9.085694e-01 2.371837e-01 8.813695e-02 -4.859961e-02
##          4          4          4          4          4
## -5.092020e-02 -5.845288e-01 7.299343e-01 1.033995e+00 -3.281842e-01
##          4          4          4          4          4
## 2.412416e-01 5.269559e-01 7.117282e-01 -9.938121e-02 -1.003284e+00
##          4          4          4          4          4
## -2.294012e-01 6.600750e-02 1.482703e-01 -1.533803e-01 -6.574454e-01
##          4          4          4          4          4
## 9.884010e-01 -3.551511e-01 9.537615e-01 -2.280235e-01 7.199545e-01
##          4          4          4          4          4
## 1.427141e-01 4.119834e-01 3.054088e-01 4.902702e-01 -6.499164e-01
##          4          4          4          4          4
## 4.426893e-01 -2.939872e-01 6.273700e-01 9.625910e-01 1.220222e+00
##          4          4          4          4          4
## 6.774291e-02 -1.127154e+00 -2.133198e-01 2.228369e-01 -1.659834e-01
##          4          4          4          4          4
## -1.235993e+00 1.947308e-01 -1.268153e-03 4.972656e-01 7.198571e-01
##          4          4          4          4          4
## 2.426799e+00 9.623468e-01 -6.050757e-01 3.245856e-01 -1.258283e-01
##          4          4          4          4          4
## -3.242243e-01 8.307936e-01 3.235687e-01 -1.059976e-01 6.184249e-01
##          4          4          4          4          4
## -4.309498e-02 5.007226e-01 -5.935651e-01 1.638237e-01 -1.414468e-01
##          4          4          4          4          4
## 1.054913e+00 -4.106290e-01 9.762563e-01 2.943499e-01 -3.664433e+00
##          4          4          4          4          4
## -2.058690e+00 4.285288e-01 9.746551e-01 4.941778e-02 1.063080e+00
##          4          4          4          4          4
## 1.085110e-01 -2.787619e-01 2.443008e-01 -4.997313e-01 -6.620298e-01
##          4          4          4          4          4
## 2.976059e-01 -7.443128e-02 9.534119e-02 -6.300762e-02 -4.141811e-01
##          4          4          4          4          4
## 4.764883e-01 -6.518040e-01 -6.833588e-01 -4.576872e-01 -1.016072e-01
##          4          4          4          4          4
## 4.222271e-01 2.093059e-01 -7.610527e-01 5.698829e-01 1.148121e-01
##          4          4          4          4          4
## -4.566639e-01 -8.212508e-02 -2.684174e-01 -6.404817e-01 5.953672e-01
##          4          4          4          4          4
## 8.702899e-01 -4.570790e-01 1.259330e-01 -2.139256e-01 -4.482677e-01
##          4          4          4          4          4
## -3.456644e-01 1.140613e-01 -2.254832e+00 9.798308e-02 1.854034e+00
##          4          4          4          4          4
## 6.363430e-01 -7.507854e+00 4.552272e-01 9.161799e-02 -1.411903e-01
##          4          4          4          4          4
## 2.594640e-01 -1.653084e-02 -3.931666e-02 6.302576e-01 -6.172696e-01
##          4          4          4          4          4
## 9.933221e-02 -2.120401e+00 3.494049e-01 2.483102e-01 -2.222343e-02

```

```

##          4          4          4          4          4
## 1.320694e+00 1.024164e+00 1.056097e+00 2.122237e+00 1.636493e+00
##          4          4          4          4          4
## 3.065238e-01 1.186282e+00 2.926538e+00 4.203875e-01 -1.100863e+00
##          4          4          4          4          4
## 5.382788e-01 3.268945e-01 2.096013e-01 4.712849e-01 7.198571e-01
##          4          4          4          4          4
## 7.589239e-01 -8.543055e-01 -4.121262e-01 -3.331515e-01 7.688684e-01
##          4          4          4          4          4
## -2.787376e-01 -1.043056e-01 -6.037540e-01 1.044458e+00 -5.351429e-01
##          4          4          4          4          4
## 7.478321e-01 -2.483998e-01 1.842602e+00 -2.336941e-01 1.213465e-02
##          4          4          4          4          4
## 2.547811e-01 -1.495243e-01 -1.390232e+00 1.869530e-02 -1.177463e-01
##          4          4          4          4          4
## -1.184997e+00 3.822927e-02 -3.715373e-01 -3.664433e+00 2.506931e-01
##          4          4          4          4          4
## 5.014787e-01 4.675326e-02 -3.664433e+00 -2.620491e-03 -5.218675e-01
##          4          4          4          4          4
## 1.361461e+00 -1.011012e-01 1.193428e+00 -3.557614e-02 -2.433999e-02
##          4          4          4          4          4
## 1.4111555e-02 -1.854522e-01 2.563396e-01 7.337459e-01 1.911262e+00
##          4          4          4          4          4
## 7.182941e-01 -7.210104e-01 4.653792e-01 -3.399304e-01 2.490714e-01
##          4          4          4          4          4
## -4.959701e-01 1.730280e-01 4.408679e-01 1.904742e-01 9.797732e-01
##          4          4          4          4          4
## -8.263242e-01 -8.194967e+00 -7.507854e+00 8.646665e-01 2.145713e+00
##          4          4          4          4          4
## 2.263491e-01 7.177182e-01 -4.361259e-01 3.853432e-01 3.159246e-01
##          4          4          4          4          4
## 1.245764e+00 4.011096e-02 1.836670e+00 4.621417e-01 -4.866679e-01
##          4          4          4          4          4
## 1.218683e+00 -5.003017e-01 2.700460e-01 2.018814e-01 3.919378e-02
##          4          4          4          4          4
## -2.610909e+00 8.098942e-02 9.734090e-01 -6.346860e-01 4.799531e-02
##          4          4          4          4          4
## -4.296527e-01 -2.651451e-01 -7.945249e-01 2.191818e+00 -5.999274e-01
##          4          4          4          4          4
## 1.341252e-01 -5.288008e-01 1.359344e+00 7.603453e-01 4.172947e-01
##          4          4          4          4          4
## 1.559274e+00 6.470833e-01 7.322082e-01 9.596227e-01 -3.664433e+00
##          4          4          4          4          4
## 4.771035e-01 6.249816e-01 8.928922e-01 8.346286e-02 4.849147e-01
##          4          4          4          4          4
## -3.664433e+00 -1.972006e-01 -5.016331e-01 -5.310647e-01 -5.882582e-01
##          4          4          4          4          4
## 9.024839e-01 1.826938e-01 7.484372e-01 -6.261310e-01 -3.512861e-01
##          4          4          4          4          4
## 2.871986e-01 3.050806e-01 1.705272e-01 8.847203e-01 3.361489e-01
##          4          4          4          4          4
## -1.594882e+00 1.434457e+00 8.844615e-01 -3.314550e-01 6.872143e-01
##          4          4          4          4          4
## -3.340640e-01 1.357726e+00 -7.507854e+00 3.598289e-01 -4.345976e-01

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##          4          4          4          4          4
## 9.710129e-01 6.232375e-01 -1.854369e-01 -8.323442e-01 1.337916e-01
##          4          4          4          4          4
## 2.222304e-01 9.946531e-01 -2.782825e-01 -4.426595e-02 -7.904056e+00
##          4          4          4          4          4
## 7.498489e-01 3.151557e-01 -1.706217e-01 -1.157192e-01 1.430049e+00
##          4          4          4          4          4
## 3.437292e-01 4.223949e-01 -6.389235e-01 1.949234e-01 1.588799e+00
##          4          4          4          4          4
## 1.696721e+00 -4.754958e-01 -8.573157e-01 1.244535e+00 -1.847893e+00
##          4          4          4          4          4
## 3.651041e-01 3.238219e-01 9.202647e-02 1.742179e+00 5.213276e-01
##          4          4          4          4          4
## 5.669403e-01 -3.610885e-01 1.183199e+00 1.289177e-01 7.235471e-01
##          4          4          4          4          4
## 1.540179e+00 1.205688e+00 5.104518e-01 5.697058e-01 2.738849e-01
##          4          4          4          4          4
## -2.303917e-01 9.540101e-02 -3.437059e-02 -8.792540e-02 1.857203e-01
##          4          4          4          4          4
## -3.664433e+00 -3.664433e+00 6.970762e-01 6.540498e-01 1.459111e-01
##          4          4          4          4          4
## -2.917986e-01 4.337271e-01 7.944753e-01 1.060108e+00 8.403210e-01
##          4          4          4          4          4
## 2.163375e-01 9.630116e-01 -2.915877e-01 5.696045e-01 1.178666e+00
##          4          4          4          4          4
## 1.204476e+00 1.035674e+00 -1.094446e-01 -2.966386e-01 8.597153e-01
##          4          4          4          4          4
## -4.300990e-01 1.649243e-01 -8.197766e-01 4.490996e-01 4.645198e-01
##          4          4          4          4          4
## 6.410035e-01 8.152601e-01 3.181585e-01 1.057742e-01 -3.967017e-01
##          4          4          4          4          4
## 7.562200e-01 3.583972e-01 5.697777e-01 8.218455e-01 4.044339e-01
##          4          4          4          4          4
## 4.584522e-01 1.229731e-01 3.972079e-02 -7.904056e+00 -1.201673e+00
##          4          4          4          4          4
## -6.555685e-01 1.253116e+00 4.643764e-01 1.562839e+00 3.801135e-02
##          4          4          4          4          4
## -1.593988e-01 -5.403269e-01 -8.194967e+00 6.996787e-01 7.680675e-01
##          4          4          4          4          4
## 1.962666e+00 9.245262e-01 1.066761e+00 1.065294e-01 8.879328e-01
##          4          4          4          4          4
## 1.845829e-01 -9.624289e-01 -1.383969e-02 2.106100e-01 -4.944573e-02
##          4          4          4          4          4
## 6.484876e-02 7.844477e-01 -4.242316e-01 -6.961245e-01 8.839502e-02
##          4          4          4          4          4
## 7.969358e-01 1.354037e-02 6.369143e-01 -7.507854e+00 -6.015292e-01
##          4          4          4          4          4
## -3.664433e+00 7.552537e-02 1.195834e+00 1.493736e+00 -3.664433e+00
##          4          4          4          4          4
## 3.605687e-01 1.469227e-01 -1.048648e+00 4.484171e-01 -1.669946e-02
##          4          4          4          4          4
## 1.117599e+00 -4.013604e-01 2.245931e-01 -2.081388e-01 4.130628e-01
##          4          4          4          4          4
## 6.345775e-01 3.413743e-01 2.053237e-01 -8.194967e+00 -2.019304e-01

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##          4          4          4          4          4
## 4.791097e-01 1.669396e+00 -3.672682e-01 5.115241e-01 6.582621e-01
##          4          4          4          4          4
## -4.557204e-01 -1.313903e-01 7.670798e-01 -3.664433e+00 9.154378e-01
##          4          4          4          4          4
## 6.154314e-01 7.417640e-01 1.905497e-01 6.482755e-01 -7.920043e-02
##          4          4          4          4          4
## 7.487360e-01 3.164661e-01 1.329928e-01 1.248053e+00 -7.161185e-02
##          4          4          4          4          4
## 5.354688e-03 3.990544e-01 -1.995443e-01 3.351008e-01 2.039910e-01
##          4          4          4          4          4
## -3.664433e+00 1.299565e+00 -6.973172e-02 1.776943e+00 7.662153e-01
##          4          4          4          4          4
## 5.354984e-01 4.338771e-01 -7.401805e-01 8.458133e-01 -2.996038e-01
##          4          4          4          4          4
## -3.705215e-01 1.381687e+00 1.250294e+00 1.421206e+00 5.154536e-01
##          4          4          4          4          4
## 3.580460e-01 3.224258e-01 3.687979e-02 -8.593471e-01 1.622610e-01
##          4          4          4          4          4
## 1.596813e-01 -3.205822e-01 -1.706990e+00 -3.418544e-01 -4.775774e-01
##          4          4          4          4          4
## 8.998334e-01 7.485170e-01 8.229371e-01 5.027994e-01 1.484271e-01
##          4          4          4          4          4
## 5.055454e-02 6.961678e-02 -1.778749e-01 1.380540e+00 7.624111e-01
##          4          4          4          4          4
## 9.924210e-01 4.288077e-02 -2.696324e-01 1.270858e+00 -1.113208e+00
##          4          4          4          4          4
## 1.952373e+00 -9.745056e-01 -4.939673e-01 1.156852e+00 6.723810e-01
##          4          4          4          4          4
## 1.251620e-01 1.195299e-01 -3.715771e-01 3.386229e-01 6.997261e-01
##          4          4          4          4          4
## -8.194967e+00 4.790506e-01 5.898368e-01 -1.030991e+00 6.830851e-01
##          4          4          4          4          4
## -2.826612e-01 1.413194e+00 -3.020837e-01 6.722543e-01 1.212165e+00
##          4          4          4          4          4
## 4.751602e-01 6.719570e-01 -4.732268e-02 3.966331e-01 3.853292e-02
##          4          4          4          4          4
## 6.617235e-01 -6.870064e-01 -9.241821e-01 4.631562e-01 -3.518054e-01
##          4          4          4          4          4
## 1.719729e-01 6.150616e-01 7.397687e-01 -4.265000e-01 3.288289e-01
##          4          4          4          4          4
## -1.797331e-01 7.512839e-01 4.185513e-01 1.391407e-01 -2.608512e-01
##          4          4          4          4          4
## 2.859709e-01 -8.387225e-01 1.086609e-01 -1.011012e-01 -6.701461e-01
##          4          4          4          4          4
## 5.692421e-01 -1.278338e+00 3.049226e-01 1.351971e+00 8.807068e-01
##          4          4          4          4          4
## 9.913751e-01 6.034286e-01 -6.424886e-01 4.632690e-01 3.207608e-01
##          4          4          4          4          4
## -5.499565e-02 -3.953659e-01 3.873443e-01 3.080547e-01 -1.033308e-01
##          4          4          4          4          4
## 4.790479e-03 4.893355e-01 -3.197405e-02 -1.327718e-01 9.287549e-02
##          4          4          4          4          4
## 1.916844e+00 -8.625956e-01 -3.664433e+00 1.145125e+00 -2.693195e-01

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##          4          4          4          4          4          4
## 8.353529e-01 3.324741e-01 4.912725e-01 1.116608e-01 1.279696e+00
##          4          4          4          4          4          4
## 2.545227e-01 -1.068510e-01 5.968146e-01 -6.745829e-01 -8.362120e-01
##          4          4          4          4          4          4
## 5.134611e-01 -3.273315e-01 -1.993604e-01 -4.829867e-01 -2.109984e-01
##          4          4          4          4          4          4
## 1.686714e+00 9.120529e-01 -1.696648e-01 1.158607e+00 -7.961625e-02
##          4          4          4          4          4          4
## 4.274811e-01 -5.515016e-01 -4.921725e-01 -1.164734e+00 -5.768760e-01
##          4          4          4          4          4          4
## -3.692092e-01 6.197450e-01 -5.292930e-01 7.204629e-01 -2.049002e-01
##          4          4          4          4          4          4
## 2.697974e-01 2.083424e-01 -6.484239e-01 4.095404e-01 -1.099416e+00
##          4          4          4          4          4          4
## -2.898288e-01 -6.039983e-02 -4.265676e-02 6.521132e-02 -1.985136e-01
##          4          4          4          4          4          4
## 5.369423e-01 5.065283e-01 -7.855920e-01 1.257567e+00 -2.912382e-01
##          4          4          4          4          4          4
## 2.423857e-01 1.438971e+00 1.470804e+00 3.195948e-01 -1.046100e+00
##          4          4          4          4          4          4
## -8.194967e+00 4.958519e-01 -1.341268e+00 8.346286e-02 -3.551919e-01
##          4          4          4          4          4          4
## 5.724693e-01 -1.185314e-01 8.920009e-02 -3.284130e-01 -6.651170e-01
##          4          4          4          4          4          4
## 5.291997e-01 -6.611887e-01 1.046640e+00 1.012665e+00 2.729032e-02
##          4          4          4          4          4          4
## 1.031439e+00 -3.608926e-01 -9.076971e-01 -1.090873e-01 1.789309e+00
##          4          4          4          4          4          4
## 9.262512e-01 -4.227837e-01 9.879996e-01 3.457174e-01 -8.194967e+00
##          4          4          4          4          4          4
## -2.716811e-01 7.562168e-02 4.914823e+00 7.042820e-02 -3.664433e+00
##          4          4          4          4          4          4
## 7.655212e-01 4.392454e-02 -6.757219e-02 -4.176606e-01 1.537302e-01
##          4          4          4          4          4          4
## -7.051936e-01 5.055454e-02 -6.657611e-01 1.666579e+00 4.967472e-01
##          4          4          4          4          4          4
## -6.404957e-01 1.526359e-01 1.381576e+00 -8.194967e+00 1.312673e+00
##          4          4          4          4          4          4
## 1.109340e+00 -6.507784e-02 2.117128e-01 9.137524e-03 3.632398e-01
##          4          4          4          4          4          4
## 3.490212e-01 6.578415e-01 -3.928533e-01 -3.664433e+00 4.859752e-02
##          4          4          4          4          4          4
## -7.507854e+00 -1.472956e+00 -2.912382e-01 -2.387455e-01 1.154874e+00
##          4          4          4          4          4          4
## -3.341155e-01 -2.135669e-01 -1.794305e-01 8.974280e-02 6.781484e-01
##          4          4          4          4          4          4
## 1.777591e-01 9.310269e-01 5.238937e-01 7.789750e-01 -2.063493e-01
##          4          4          4          4          4          4
## -1.298129e+00 1.803249e-01 -1.683102e-01 -7.811211e-02 -2.520201e-01
##          4          4          4          4          4          4
## 1.279883e-01 3.566025e-01 4.472235e-01 6.830871e-01 -1.018568e+00
##          4          4          4          4          4          4
## -3.865210e-02 5.419819e-01 -3.664433e+00 -1.453313e+00 5.495970e-01

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##          4          4          4          4          4
## 5.266197e-01 -2.616120e-01 -2.198413e-01 1.557059e+00 3.270083e-01
##          4          4          4          4          4
## -2.554907e-01 1.969965e-01 5.647223e-02 4.499218e-01 2.096326e+00
##          4          4          4          4          4
## -2.091053e-01 1.007342e+00 7.092503e-01 8.207504e-01 2.372778e-01
##          4          4          4          4          4
## -3.525223e-01 3.811050e-01 8.515090e-01 -1.465328e+00 -2.803525e-02
##          4          4          4          4          4
## 6.383615e-01 -1.033579e+00 4.865209e-02 -7.386212e-01 2.056405e-01
##          4          4          4          4          4
## 1.070159e+00 -3.664433e+00 -9.175003e-01 -1.351993e-01 -1.896909e-03
##          4          4          4          4          4
## 9.913250e-01 -5.962350e-01 -1.411903e-01 -2.817242e-01 -1.737991e-01
##          4          4          4          4          4
## 7.216482e-01 4.154201e-01 5.707580e-01 6.553946e-02 2.330147e-01
##          4          4          4          4          4
## -1.268921e+00 8.233035e-01 7.660404e-01 1.194148e+00 -8.696836e-01
##          4          4          4          4          4
## 4.659808e-01 6.984573e-01 -1.793451e-02 -9.411932e-01 1.741469e-02
##          4          4          4          4          4
## 4.633330e-01 2.816121e-01 1.106119e+00 -2.462078e-02 -6.860704e-01
##          4          4          4          4          4
## -6.107316e-01 -5.848367e-01 5.246062e-02 1.543160e+00 -3.616214e-01
##          4          4          4          4          4
## -6.803476e-01 9.004449e-02 -1.676420e-01 6.988763e-01 5.308439e-01
##          4          4          4          4          4
## 5.450853e-01 7.005652e-01 1.254118e+00 -3.903134e-01 -1.463651e-01
##          4          4          4          4          4
## 6.162426e-01 3.338476e-02 -4.628344e-01 4.276435e-01 1.785467e-01
##          4          4          4          4          4
## 6.012149e-02 2.478122e-02 1.694708e-01 -3.063238e-01 -1.882149e-02
##          4          4          4          4          4
## -6.830698e-01 6.182210e-01 1.125275e-01 6.398256e-01 -7.177274e-01
##          4          4          4          4          4
## 2.715550e-01 4.067042e-01 -4.520335e-01 8.363507e-01 -2.785490e-01
##          4          4          4          4          4
## 8.332526e-03 2.678883e-01 7.369909e-02 9.666976e-02 1.023840e+00
##          4          4          4          4          4
## -1.054190e-01 -2.160615e-01 -5.945984e-01 -6.250786e-01 -5.306150e-01
##          4          4          4          4          4
## 1.091572e+00 -5.826334e-03 -4.911649e-01 -3.949621e-01 6.590593e-02
##          4          4          4          4          4
## 4.908134e-01 -2.082645e-01 2.158117e-01 -3.664433e+00 3.323569e-01
##          4          4          4          4          4
## -1.959877e-01 -7.904056e+00 -1.512096e-01 -2.217214e+00 1.588490e-01
##          4          4          4          4          4
## -1.934251e-01 5.241559e-01 1.753565e+00 4.918731e-01 -9.863856e-02
##          4          4          4          4          4
## 6.020994e-01 2.190521e-01 1.607850e-01 1.863501e-01 1.412193e+00
##          4          4          4          4          4
## 1.153080e+00 5.388636e-01 7.856318e-01 4.688704e-01 -1.590811e-02
##          4          4          4          4          4
## -8.883740e-01 1.152052e-01 -3.673744e-01 -7.635562e-01 -2.360883e-01

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##          4          4          4          4          4
## 3.128671e-01 -9.529647e-02 4.880201e-01 3.766473e-01 5.934584e-01
##          4          4          4          4          4
## -4.289415e-01 -2.915254e-01 6.796415e-01 3.057866e-01 -8.194967e+00
##          4          4          4          4          4
## -1.670622e-01 4.486137e-01 8.956081e-01 3.793829e-01 1.114879e+00
##          4          4          4          4          4
## -2.859517e-01 -4.804280e-01 3.309515e-01 -7.778777e-02 2.697810e-01
##          4          4          4          4          4
## 2.630727e-01 -1.097642e+00 -1.175425e-01 5.312940e+00 -5.875786e-01
##          4          4          4          4          4
## 8.036162e-01 -9.255455e-01 -1.675603e-01 1.013295e+00 -4.612378e-01
##          4          4          4          4          4
## 8.531688e-01 4.616618e-01 6.332506e-01 4.577926e-01 -1.046677e-01
##          4          4          4          4          4
## 5.007226e-01 -7.275949e-01 4.630148e-01 3.573975e-01 -8.071533e-02
##          4          4          4          4          4
## 9.039434e-01 6.799573e-01 1.050897e+00 5.010469e-01 1.357013e+00
##          4          4          4          4          4
## 8.445882e-01 -8.700666e-02 -5.677288e-01 8.083709e-01 4.090570e-01
##          4          4          4          4          4
## 3.149553e-01 -5.913476e-01 -3.664433e+00 1.320420e+00 6.843014e-02
##          4          4          4          4          4
## 1.194735e-01 1.014682e+00 -1.262676e-01 1.075208e+00 1.596109e-01
##          4          4          4          4          4
## 1.058974e+00 -6.019910e-01 1.879450e+00 1.076734e+00 2.039715e-01
##          4          4          4          4          4
## 4.889361e-01 7.152774e-01 3.999411e-01 1.786585e-03 8.692650e-01
##          4          4          4          4          4
## 1.003309e+00 1.134433e-02 -3.664433e+00 2.396624e-01 3.750914e-01
##          4          4          4          4          4
## 7.172404e-02 9.663070e-01 8.904019e-01 -1.545113e+00 -2.649623e+00
##          4          4          4          4          4
## 2.129278e-01 -3.896518e-01 2.515950e-01 1.100988e+00 6.983482e-01
##          4          4          4          7          7
## 7.679508e-01 7.773219e-01 5.848779e-01 -1.556645e-01 3.150375e-01
##          7          7          7          7          7
## 3.867991e-01 9.270448e-01 1.785301e+00 1.517538e-01 9.900227e-01
##          7          7          7          7          7
## -7.969442e-02 1.078349e+00 2.177174e+00 2.063704e-01 -2.890258e+00
##          7          7          7          7          7
## 1.929116e+00 1.593120e+00 1.083015e+00 7.345500e-01 1.601432e+00
##          7          7          7          7          7
## 1.679308e+00 1.340209e+00 5.060009e-01 -7.232573e+00 1.686874e-01
##          7          7          7          7          7
## 3.845573e+00 8.244101e-01 5.424767e-01 8.758208e-01 -7.129881e+00
##          7          7          7          7          7
## 1.492758e+00 9.489643e-01 5.147249e-01 -5.072470e-02 -1.499357e-01
##          7          7          7          7          7
## -2.890258e+00 -8.469532e-01 1.296282e+00 -3.620500e-01 -7.129881e+00
##          7          7          7          7          7
## 4.745369e-01 9.785801e-03 1.589013e+00 1.306652e+00 1.475318e+00
##          7          7          7          7          7
## 1.522692e+00 1.300632e+00 1.220447e+00 1.150548e+00 8.805440e-01

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##          7          7          7          7          7
## -6.983002e-01  5.699807e-01 -1.803441e-01  1.044379e+00 -6.733679e+00
##          7          7          7          7          7
##  9.665598e-01 -4.049448e-01  8.190331e-01 -5.705259e-01  1.652179e+00
##          7          7          7          7          7
##  3.336049e-02  8.695163e-01 -7.420792e+00  1.015896e+00 -2.857868e-01
##          7          7          7          7          7
##  7.139101e-01 -6.733679e+00  1.194527e+00  2.066042e-01  1.420316e+00
##          7          7          7          7          7
##  1.309155e+00  3.992689e-01 -7.143564e-01  1.525659e+00  4.139058e-01
##          7          7          7          7          7
##  1.057388e+00  4.349135e-01  2.855341e-01  7.718572e-01 -1.716396e-01
##          7          7          7          7          7
##  2.480784e+00 -7.415618e-01  2.109850e+00  2.138651e-01  4.960520e-01
##          7          7          7          7          7
##  7.454792e-01 -9.046554e-01  9.661676e-01 -6.733679e+00 -8.127706e-02
##          7          7          7          7          7
##  2.312165e+00  1.571739e+00  3.680208e-01  1.033012e+00 -6.347879e+00
##          7          7          7          7          7
##  1.147369e+00  8.873071e-01  1.921801e+00  4.976360e-01  1.660049e+00
##          7          7          7          7          7
## -7.129881e+00  9.059853e-01 -1.580390e+00  1.121582e+00  9.210978e-01
##          7          7          7          7          7
##  1.170900e+00 -3.965668e-01  1.035181e+00 -1.318324e+00  2.773509e+00
##          7          7          7          7          7
##  3.165071e-01  1.700972e+00 -4.332340e-01  1.146809e+00  1.674308e+00
##          7          7          7          7          7
##  1.103653e+00 -8.509747e-02  1.354436e+00 -7.043859e-01  1.090147e+00
##          7          7          7          7          7
## -2.683914e-01 -7.591399e-01  7.114324e-01  9.409755e-01  1.094545e+00
##          7          7          7          7          7
##  2.257931e-01  5.945881e-01  6.300747e-01 -7.011766e-01  3.275923e-02
##          7          7          7          7          7
## -8.529126e-01 -2.792393e-01 -5.334126e-01 -3.463590e-01  1.435925e+00
##          7          7          7          7          7
##  3.045756e-01  2.111480e+00  2.976631e-01 -3.701749e-01  2.561557e-01
##          7          7          7          7          7
## -1.548710e+00  1.377397e+00 -2.123090e+00  6.905109e-01 -2.890258e+00
##          7          7          7          7          7
##  2.550632e+00 -1.414660e+00 -1.699923e-01  6.797427e-01 -2.347071e-01
##          7          7          7          7          7
##  5.679864e-01  4.381588e-01 -1.498016e-01 -2.367928e-01 -2.639875e-01
##          7          7          7          7          7
##  1.182358e-01  1.518553e-02  2.577643e-01  6.711022e-01  1.279576e+00
##          7          7          7          7          7
##  6.310343e-01  7.228352e-01  1.375022e+00 -2.754763e-01  8.505958e-02
##          7          7          7          7          7
##  1.051555e-01  1.774058e+00  8.603976e-01  4.147511e-01  1.876275e-01
##          7          7          7          7          7
##  9.860425e-01  1.470108e-01  1.056064e+00 -7.294537e-01  1.016070e+00
##          7          7          7          7          7
##  1.486430e+00  1.024295e+00  5.849003e-01  3.831425e-01 -4.298847e-01
##          7          7          7          7          7
## -5.319160e-01  2.481318e+00  6.908843e-01  2.408957e-01  7.390280e-01

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##          7          7          7          7          7
## -1.746181e+00 -7.420792e+00 -1.192112e+00  1.319868e+00 -1.031377e+00
##          7          7          7          7          7
## -9.157844e-01  2.446234e+00  6.700503e-01  4.525663e-01  1.846845e-01
##          7          7          7          7          7
## 6.097515e-02 -2.890258e+00 -2.890258e+00  4.306205e-01  1.164125e+00
##          7          7          7          7          7
## 6.933163e-01  1.991801e+00  1.067818e+00 -6.733679e+00  6.128222e-02
##          7          7          7          7          7
## 3.736232e-01 -1.459412e+00  1.084125e+00  2.926226e-01  2.215616e+00
##          7          7          7          7          7
## 1.300517e+00 -5.972934e-02  8.299453e-01  5.801918e-01  1.328284e+00
##          7          7          7          7          7
## -5.045194e-01  2.068502e-01  1.369061e+00  5.759326e-01  2.410987e+00
##          7          7          7          7          7
## -6.733679e+00  1.890733e-01  6.044218e-01 -7.232573e+00  4.996289e-01
##          7          7          7          7          7
## 2.138663e+00  1.150161e+00  5.065915e-01  9.592464e-01  1.312239e-02
##          7          7          7          7          7
## 1.214224e+00 -1.533517e-02  1.052424e+00  4.785924e-01 -2.890258e+00
##          7          7          7          7          7
## 7.671077e-01 -6.733679e+00  1.687856e+00  1.291213e+00  8.077364e-02
##          7          7          7          7          7
## -7.129881e+00  1.018398e-01 -6.809748e-01 -2.890258e+00  8.538271e-01
##          7          7          7          7          7
## 6.411215e-01  4.513023e-01 -6.733679e+00  4.481737e-01  5.055146e-01
##          7          7          7          7          7
## -6.733679e+00  7.567119e-01  2.556196e-02  1.978651e+00  1.767598e+00
##          7          7          7          7          7
## -7.150310e+00 -9.647175e-02  1.179192e+00 -6.767071e-01 -5.105072e-01
##          7          7          7          7          7
## 1.334211e-01  9.381115e-01  3.758979e-01  9.110121e-01 -2.890258e+00
##          7          7          7          7          7
## 1.031833e+00  1.868035e+00  8.038426e-01 -1.132729e+00  3.905531e-01
##          7          7          7          7          7
## 1.541607e+00  3.327088e-01  3.137488e-01 -1.170739e+00 -2.890258e+00
##          7          7          7          7          7
## -2.875978e-03  2.828074e-01  1.476327e+00 -2.303290e-01 -7.557422e-01
##          7          7          7          7          7
## 5.253165e-03  2.604403e+00  3.170772e-01 -5.078596e-01 -4.100586e-01
##          7          7          7          7          7
## 5.318002e-01  9.989812e-01 -7.464349e-03 -1.040933e-01  3.132785e-01
##          7          7          7          7          7
## 5.271660e-01  4.352080e-01  8.622823e-01  6.783097e-01  5.512677e-01
##          7          7          7          7          7
## 3.386563e-01 -7.129881e+00  5.198787e-01 -6.733679e+00  1.644121e+00
##          7          7          7          7          7
## 5.047173e-01 -4.106456e-01 -2.298019e-02 -2.890258e+00  1.642876e+00
##          7          7          7          7          7
## 3.872243e-01  3.563971e+00  9.286229e-01  2.937557e-01  9.542898e-02
##          7          7          7          7          7
## 2.150283e+00  3.708576e-01  6.497474e-02  3.002722e-01  1.315207e+00
##          7          7          7          7          7
## 4.310330e-01 -3.838228e-02  1.251128e+00  1.484738e+00 -7.150310e+00

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##          7          7          7          7          7
## 1.358552e+00 1.465190e+00 -2.890258e+00 7.881512e-01 -2.998547e-01
##          7          7          7          7          7
## 1.467488e+00 3.228015e-01 -6.733679e+00 -2.890258e+00 1.033111e+00
##          7          7          7          7          7
## 5.526925e-01 -1.119111e-01 -3.891964e-01 2.266648e+00 1.453290e+00
##          7          7          7          7          7
## 1.596174e+00 -2.653626e-01 1.886539e-01 1.484605e-01 1.075884e+00
##          7          7          7          7          7
## 1.059604e+00 1.230935e+00 4.978428e-02 1.525354e+00 1.293728e+00
##          7          7          7          7          7
## -7.129881e+00 -6.733679e+00 -1.044451e+00 1.608622e+00 1.478141e+00
##          7          7          7          7          7
## -2.334326e-01 1.414034e-01 8.424988e-01 1.621624e-01 -7.150310e+00
##          7          7          7          7          7
## -4.294904e-02 7.761054e-01 1.587994e+00 -6.733679e+00 -2.890258e+00
##          7          7          7          7          7
## -1.089088e+00 1.308637e+00 2.603584e-01 -7.748458e-01 -3.288724e-01
##          7          7          7          7          7
## 1.179326e+00 1.116868e+00 1.191945e+00 1.121214e+00 3.969429e-02
##          7          7          7          7          7
## 1.097851e+00 2.228242e-01 1.247362e+00 -4.515943e-01 2.180586e+00
##          7          7          7          7          7
## 8.458991e-01 -6.042911e-01 2.320101e-01 -8.994227e-02 -5.195682e-02
##          7          7          7          7          7
## 1.129061e+00 1.197454e+00 1.597675e-01 -1.147809e+00 1.517373e+00
##          7          7          7          7          7
## -2.890258e+00 -1.646124e-01 6.728122e-01 1.997852e-01 3.999043e-01
##          7          7          7          7          7
## 1.926899e+00 3.844722e-01 7.836977e-02 -6.347879e+00 2.814275e-02
##          7          7          7          7          7
## 9.164685e-01 1.423892e+00 5.109624e-01 -1.830822e-01 1.248390e+00
##          7          7          7          7          7
## -2.004176e-01 2.658542e+00 -7.129881e+00 3.007984e-01 3.717286e-01
##          7          7          7          7          7
## -2.050746e-01 -8.950389e-01 8.127077e-01 -6.493368e-01 1.151046e+00
##          7          7          7          7          7
## 1.709781e+00 1.227066e+00 1.821578e+00 1.847352e+00 -3.777658e-01
##          7          7          7          7          7
## 2.970606e-02 -1.075422e+00 -3.862679e-01 9.955662e-01 1.456888e+00
##          7          7          7          7          7
## -4.092007e-01 1.848413e+00 -2.109663e-02 1.467262e+00 1.272908e+00
##          7          7          7          7          7
## 7.505777e-01 -7.420792e+00 1.450693e+00 8.637671e-01 5.667030e-01
##          7          7          7          7          7
## 4.140232e-01 2.559936e+00 4.346605e-02 -2.349970e-01 2.092151e+00
##          7          7          7          7          7
## 1.621146e+00 1.195595e-01 -7.283186e-01 1.551521e+00 1.314880e+00
##          7          7          7          7          7
## 1.320098e+00 4.334660e-01 1.009528e-01 -3.585018e-01 1.263352e-01
##          7          7          7          7          7
## 1.238933e-01 6.109739e-01 3.854936e-01 -2.734978e-02 1.087648e+00
##          7          7          7          7          7
## 1.103045e+00 -3.225685e-01 -2.890258e+00 5.361990e-01 6.394684e-01

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##          7          7          7          7          7
## 1.440722e+00 1.069134e+00 5.314539e-01 -5.980993e-01 9.169178e-01
##          7          7          7          7          7
## 1.348799e+00 5.620212e-01 -3.451670e-01 -6.733679e+00 9.774859e-01
##          7          7          7          7          7
## 1.723864e+00 1.438386e+00 1.690616e+00 -6.733679e+00 1.949440e+00
##          7          7          7          7          7
## 1.538918e+00 6.568551e-01 -3.869586e-01 4.281690e-01 -7.129881e+00
##          7          7          7          7          7
## 7.660490e-01 7.007975e-01 5.975815e-01 -2.890258e+00 2.252595e+00
##          7          7          7          7          7
## 1.815696e+00 1.479983e+00 7.574805e-01 -7.572041e-01 1.409943e+00
##          7          7          7          7          7
## 2.248066e-01 -1.777815e-01 5.022917e-01 1.128773e+00 1.759026e+00
##          7          7          7          7          7
## 6.112957e-01 1.747031e+00 9.480782e-01 8.935490e-01 6.009069e-01
##          7          7          7          7          7
## -4.362293e-01 2.723538e-01 1.787660e-01 8.258049e-01 8.343498e-01
##          7          7          7          7          7
## 1.712160e+00 -2.890258e+00 4.656684e+00 8.022022e-01 1.059179e+00
##          7          7          7          7          7
## 1.456888e+00 -4.943612e-01 8.818936e-01 8.848606e-01 1.567503e-01
##          7          7          7          7          7
## 1.239046e+00 1.137737e+00 1.015312e+00 -7.388728e-02 -2.069780e+00
##          7          7          7          7          7
## 8.246855e-01 7.016231e-01 -6.733679e+00 -1.556623e-01 1.226772e+00
##          7          7          7          7          7
## 6.377823e-02 8.439742e-01 1.312884e+00 7.507300e-01 1.263431e+00
##          7          7          7          7          7
## 4.038090e-01 5.666091e-01 -7.027221e-01 -8.657709e-02 -1.646107e-01
##          7          7          7          7          7
## 2.684194e+00 9.188790e-01 1.237085e+00 1.714239e+00 5.004466e-02
##          7          7          7          7          7
## 5.479577e-01 3.353168e-01 1.596140e+00 1.127243e+00 1.049162e+00
##          7          7          7          7          7
## -2.328856e-01 1.519240e+00 1.568956e-01 6.569635e-01 5.314506e-01
##          7          7          7          7          7
## -4.668599e-01 2.209603e+00 2.894393e-01 1.205467e-01 1.015778e+00
##          7          7          7          7          7
## 3.883593e-01 2.825587e-01 1.194238e+00 -6.733679e+00 6.569133e-01
##          7          7          7          7          7
## -6.733679e+00 -6.733679e+00 5.812401e-01 -6.733679e+00 -2.890258e+00
##          7          7          7          7          7
## -5.840650e-01 -1.511623e-01 2.584472e+00 9.725893e-01 4.076411e-01
##          7          7          7          7          7
## 3.343383e-01 -1.533517e-02 6.366715e-02 1.502154e+00 -6.733679e+00
##          7          7          7          7          7
## -2.890258e+00 1.730338e+00 2.510307e+00 4.344466e-01 1.911102e+00
##          7          7          7          7          7
## 7.980609e-02 4.467684e-01 5.269404e-01 -4.410171e-01 1.187013e+00
##          7          7          7          7          7
## 7.262672e-02 7.423492e-01 3.841893e-01 9.022488e-01 -7.232573e+00
##          7          7          7          7          7
## 1.802983e-01 7.804245e-01 2.942576e-01 -4.618774e-02 1.088873e+00

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##          7          7          7          7          7
## -7.236672e-01 -1.095885e-01  1.040569e+00 -1.800640e+00 -3.088433e-01
##          7          7          7          7          7
##  4.734825e-02  1.456030e+00  7.520775e-01  8.668730e-01  7.998780e-01
##          7          7          7          7          7
##  6.495129e-01 -1.102205e+00  8.545861e-02  7.078621e-01  7.644242e-01
##          7          7          7          7          7
## -5.993182e-02  1.568818e+00 -2.890258e+00  1.454488e+00  1.400030e-01
##          7          7          7          7          7
## -7.129881e+00 -2.890258e+00  4.376910e-02  1.650688e+00  5.029376e-01
##          7          7          7          7          7
## -8.800912e-02  1.343958e+00 -2.890258e+00 -7.291327e+00  1.975961e+00
##          7          7          7          7          7
##  9.896732e-01 -7.129881e+00  1.943918e+00  5.870557e-02  1.128622e-01
##          7          7          7          7          7
##  3.279432e-01  8.142097e-01  1.266153e+00 -2.191823e-01 -2.736047e-01
##          7          7          7          7          7
##  2.151597e-03  3.180253e-01 -1.329376e-01  9.081629e-02  5.998559e-01
##          7          7          7          7          7
##  1.816030e+00 -6.733679e+00  5.502579e-01  1.896234e+00  9.028132e-01
##          7          7          7          7          7
##  5.795505e-01 -3.832825e-01  2.560070e-01 -7.420792e+00  7.034284e-01
##          7          7          7          7          7
##  7.834258e-01  1.424379e+00  9.648607e-01 -1.020898e+00 -2.890258e+00
##          7          7          7          7          7
## -1.554987e+00  2.250349e-02 -2.890258e+00  3.746021e-02  1.589180e-01
##          7          7          7          7          7
## -5.633500e-01  1.194264e+00  1.509621e-01 -3.869433e-01  1.150847e+00
##          7          7          7          7          7
##  7.868465e-01  1.172901e+00 -6.520129e-02  1.771249e+00 -8.224391e-02
##          7          7          7          7          7
##  1.565204e-02 -6.733679e+00 -2.890258e+00  5.212352e-01 -4.222335e-01
##          7          7          7          7          7
##  3.231537e-01 -5.260727e-01 -2.777890e-01  3.862236e-01  1.087478e+00
##          7          7          7          7          7
## -4.806500e-02 -1.375285e-01  1.362418e+00  2.154798e+00  5.966664e-02
##          7          7          7          7          7
##  3.540382e-01  6.634637e-01  3.972150e-01  1.081346e+00  1.324298e+00
##          7          7          7          7          7
##  1.625074e+00  1.969648e+00  6.107185e-01  8.015665e-01  1.104128e+00
##          7          7          7          7          7
##  5.989894e-01  5.871938e-01 -7.154303e-01  6.925678e-01  3.360961e-01
##          7          7          7          7          7
##  1.815356e+00  1.674348e+00  2.964407e-01  7.963700e-01  1.738960e+00
##          7          7          7          7          7
##  2.228195e-01  8.176642e-01  1.949148e+00 -6.984706e-01  2.266132e-01
##          7          7          7          7          7
## -9.341931e-01  1.443140e+00  6.047281e-01  4.621541e-01 -2.120166e-01
##          7          7          7          7          7
##  9.736349e-01  5.902548e-01  1.199168e+00  1.737262e+00  3.084819e-01
##          7          7          7          7          7
##  1.128622e-01  5.377704e-01 -7.129881e+00  1.280675e+00  5.175702e-02
##          7          7          7          7          7
## -2.890258e+00  1.162684e-02  1.043584e+00  9.652893e-01  2.871975e+00

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##          7          7          7          7          7
## -7.576237e+00  9.449860e-01  7.368313e-02  2.471874e+00 -2.890258e+00
##          7          7          7          7          7
## -2.890258e+00  7.054493e-01  1.126400e+00 -7.232573e+00 -1.421431e+00
##          7          7          7          7          7
## 7.606793e-01 -1.157984e-01  6.252830e-01 -4.360584e-01  1.599010e-01
##          7          7          7          7          7
## 1.179363e+00 -1.601838e-01 -7.129881e+00  5.407732e-01  2.340212e+00
##          7          7          7          7          7
## 1.568422e+00  6.056613e-01  1.105240e+00  3.907073e+00  2.782050e-01
##          7          7          7          7          7
## 9.883147e-01 -3.606894e-01 -7.420792e+00 -1.576460e+00 -7.743244e-01
##          7          7          7          7          7
## 6.304160e-01  1.688985e+00 -7.291327e+00  1.358424e-01 -1.621617e+00
##          7          7          7          7          7
## 1.126024e+00  5.097239e-01  9.892771e-02  1.966440e-01  1.665775e+00
##          7          7          7          7          7
## -3.831718e-01 -1.554568e-01  7.597199e-01 -1.589432e+00  1.957142e+00
##          7          7          7          7          7
## 1.575483e+00  5.426602e-01 -6.733679e+00  9.479572e-01 -7.576237e+00
##          7          7          7          7          7
## -5.657397e-01  3.688295e-01  7.478270e-01 -6.560946e-01  1.268940e+00
##          7          7          7          7          7
## -1.820585e-01  6.003013e-01  7.245658e-01  1.767889e+00  1.299884e+00
##          7          7          7          7          7
## 6.025183e-01  3.536996e-01  7.084050e-01  2.265714e+00  4.060681e-01
##          7          7          7          7          7
## -6.428111e-01  5.414835e-01  9.328246e-01  1.190019e-01  1.306809e+00
##          7          7          7          7          7
## 1.269931e+00 -1.342502e-01  9.734003e-01  4.405231e-01  1.460258e+00
##          7          7          7          7          7
## 7.871071e-01  2.816099e-01  5.757220e-01 -2.890258e+00  5.393857e-01
##          7          7          7          7          7
## 5.562318e-01  7.998856e-01  2.250112e+00 -5.256529e-01  4.566403e-01
##          7          7          7          7          7
## 3.576302e-01  1.486032e+00  5.318111e-01  1.091187e+00  1.618516e+00
##          7          7          7          7          7
## 5.505267e-01  2.696398e-01  9.195400e-01  7.567608e-01 -2.022020e-01
##          7          7          7          7          7
## -9.046622e-02  6.353776e-01  7.856660e-01 -4.282296e-01  3.211743e-01
##          7          7          7          7          7
## 4.033443e-01 -1.062969e+00 -3.164967e-01  2.462117e-01 -7.420792e+00
##          7          7          7          7          7
## 1.551971e+00  1.235683e+00  5.692749e-01  2.657091e+00  3.237983e-01
##          7          7          7          7          7
## 9.834402e-01  3.114170e-01  8.625236e-01 -3.683034e-01 -1.340656e+00
##          7          7          7          7          7
## 6.249142e-01 -1.335842e+00  1.426412e-01  5.046886e-01  4.150894e-01
##          7          7          7          7          7
## 3.116655e+00  8.986138e-01 -2.890258e+00 -3.612209e-01  6.083407e-01
##          7          7          7          7          7
## 3.794464e-01  9.993096e-02 -1.154321e-01  1.609643e+00  1.716069e+00
##          7          7          7          7          7
## 7.584250e-01 -5.737180e-01  1.636763e+00  4.797090e-02  2.889297e+00

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##          7          7          7          7          7
## 9.385581e-01 7.402776e-01 2.294031e+00 -4.386589e-01 2.759054e-01
##          7          7          7          7          7
## 2.170377e+00 -1.354588e-01 1.203283e+00 1.524753e+00 7.613995e-01
##          7          7          7          7          7
## 1.170148e+00 8.657260e-01 1.527314e+00 -1.047022e-01 -2.714866e-02
##          7          7          7          7          7
## 1.090327e+00 1.786565e+00 -6.733679e+00 1.778502e-01 -4.333325e-01
##          7          7          7          7          7
## 1.876809e+00 3.153567e-01 1.151290e+00 -6.636851e-02 -1.181866e-02
##          7          7          7          7          7
## -4.538887e-01 -1.166197e+00 1.052333e+00 1.070953e+00 -7.420792e+00
##          7          7          7          7          7
## 2.139191e+00 4.460602e-01 -6.733679e+00 9.689059e-01 -1.264874e-02
##          7          7          7          7          7
## 1.643982e+00 8.870982e-01 6.371363e-01 -7.420792e+00 1.049931e+00
##          7          7          7          7          7
## -1.689288e+00 -2.890258e+00 -9.054299e-01 -2.890258e+00 -8.112189e-01
##          7          7          7          7          7
## 1.664419e+00 2.272192e+00 3.684843e-01 -3.702470e-01 -1.695202e-01
##          7          7          7          7          7
## 7.932630e-01 8.209283e-01 1.061936e+00 1.015529e+00 8.483440e-01
##          7          7          7          7          7
## -2.890258e+00 2.142092e-01 1.946203e+00 5.109624e-01 -4.861857e-01
##          7          7          7          7          7
## -9.899075e-03 8.479303e-01 -2.890258e+00 7.449619e-01 3.854808e-01
##          7          7          7          7          7
## -1.328822e+00 3.425943e-01 5.102634e-01 7.920824e-01 1.492876e+00
##          7          7          7          7          7
## 2.782925e-01 1.051418e+00 1.334905e+00 4.716047e-01 1.506156e+00
##          7          7          7          7          7
## 1.291434e+00 -1.620409e-01 5.273433e-01 2.603341e+00 1.517556e+00
##          7          7          7          7          7
## 9.656228e-01 3.522044e-01 -8.089412e-01 9.930579e-01 -2.466490e-01
##          7          7          7          7          7
## 1.738430e+00 2.197687e+00 -2.890258e+00 2.953580e-01 2.467305e-01
##          7          7          7          7          7
## -7.420792e+00 7.014519e-01 -8.520637e+00 -6.610858e-01 1.552266e+00
##          7          7          7          7          7
## -5.086342e-01 7.249878e-01 4.876428e-01 3.199663e-01 3.540054e-01
##          7          7          7          7          7
## 2.472048e-01 1.940496e-01 1.507014e+00 -7.420792e+00 -1.777757e-02
##          7          7          7          7          7
## -6.733679e+00 1.163656e+00 4.357886e+00 1.038433e+00 -7.576512e-01
##          7          7          7          7          7
## 3.961364e-01 2.613775e-01 1.284584e+00 1.021580e+00 -9.897417e-01
##          7          7          7          7          7
## 9.774859e-01 5.507234e-01 -1.279659e+00 5.122130e-02 -3.471903e-01
##          7          7          7          7          7
## 1.930540e+00 -3.561165e-01 6.059972e-01 1.203858e-01 1.030243e+00
##          7          7          7          7          7
## 8.587897e-01 6.964354e-01 1.801141e+00 1.251757e+00 1.369645e+00
##          7          7          7          7          7
## 8.211651e-01 -2.595944e-02 1.440551e+00 -6.733679e+00 -2.890258e+00

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##          7          7          7          7          7
## -3.413953e-01  1.507674e+00  1.272721e+00  1.545735e+00  1.512603e+00
##          7          7          7          7          7
##  1.107660e+00  1.919672e+00  8.080569e-01 -6.733679e+00  1.141992e+00
##          7          7          7          7          7
##  2.354556e+00  1.103383e+00  2.975716e-01 -2.597636e-01 -5.627097e-01
##          7          7          7          7          7
##  1.168426e+00  1.375236e+00 -3.888796e-01  1.161922e+00  1.733115e+00
##          7          7          7          7          7
##  2.467449e+00  5.972069e-01 -2.347077e-01  6.308073e-01 -7.420792e+00
##          7          7          7          7          7
##  8.353706e-01 -3.031998e-01  3.372272e-01  5.597087e-01  1.775761e-01
##          7          7          7          7          7
## -7.576237e+00  2.877680e+00  9.862761e-01  6.269356e-01 -6.733679e+00
##          7          7          7          7          7
##  1.195284e+00  3.201203e-01  5.991565e-01  4.629354e-01 -2.559938e-01
##          7          7          7          7          7
##  9.478105e-01  8.607509e-01  2.977583e+00  8.976793e-01  3.284652e+00
##          7          7          7          7          7
##  1.374060e+00  3.928535e-01  1.242001e+00  9.513422e-01 -4.827649e-01
##          7          7          7          7          7
##  1.705316e+00  1.806100e-01 -2.209869e-01  2.133016e-01 -4.746906e-01
##          7          7          7          7          7
## -1.785988e-01  9.092193e-01  2.649881e-01 -7.291327e+00  4.654163e+00
##          7          7          7          7          7
##  1.596455e+00 -8.577400e-01 -6.317504e-01  8.676897e-01 -1.799821e-01
##          7          7          7          7          7
## -5.046303e-01  1.518553e-02  2.857199e-01 -1.182473e+00  1.177686e+00
##          7          7          7          7          7
## -3.306279e-01  1.070173e+00  4.907572e-01  1.620132e+00  4.512436e-01
##          7          7          7          7          7
##  9.999409e-02  3.112118e+00  2.801817e+00  3.436109e-02  9.194694e-02
##          7          7          7          7          7
##  5.639952e-01  1.547477e+00 -6.151179e-01  1.302973e+00  7.836901e-01
##          7          7          7          7          7
##  1.039334e+00  1.550013e+00  1.859020e+00  1.415856e-01  4.240263e-01
##          7          7          7          7          7
##  9.460073e-01  8.482422e-01  1.218552e+00  1.018476e+00 -2.675110e-01
##          7          7          7          7          7
##  2.603229e-01  9.433765e-01  1.203124e+00 -3.877764e-01 -1.300951e+00
##          7          7          7          7          7
##  7.978777e-01  4.349135e-01  1.701124e-01  8.943227e-01  5.103668e-01
##          7          7          7          7          7
##  3.261963e-01  9.724784e-01 -2.890258e+00  2.573824e+00  7.156811e-01
##          7          7          7          7          7
## -2.890258e+00 -3.683562e-02  3.147479e-01  1.222034e+00  1.228847e+00
##          7          7          7          7          7
##  1.311230e-02  1.340743e+00  8.875663e-01  1.251279e+00 -3.254529e-01
##          7          7          7          7          7
##  4.060957e+00 -8.328586e-01  1.638272e-02  1.784459e+00 -7.420792e+00
##          7          7          7          7          7
##  4.603686e-02  1.377589e+00 -1.479793e+00 -2.606575e-01 -1.678422e-01
##          7          7          7          7          7
##  1.746907e+00  2.243454e-02  4.471532e-01  8.573277e-01 -2.516189e-01

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##          7          7          7          7          7
## -1.003413e+00 1.405405e+00 1.467603e+00 -2.953443e-02 -8.520637e+00
##          7          7          7          7          7
## -6.733679e+00 5.380113e-01 8.800742e-01 -2.890258e+00 -6.944865e-01
##          7          7          7          7          7
## 1.314718e+00 8.003883e-01 -1.520468e-01 -4.275493e-01 6.488280e-01
##          7          7          7          7          7
## 2.616403e-01 1.217618e+00 4.505881e-01 -2.890258e+00 2.413793e+00
##          7          7          7          7          7
## 8.858780e-01 7.460280e-01 -2.328573e-01 1.075904e+00 -7.246626e-01
##          7          7          7          7          7
## 1.746042e-01 9.798172e-01 1.103645e+00 -9.715548e-01 3.786776e-01
##          7          7          7          7          7
## -7.555280e-01 1.628655e+00 1.659754e+00 7.818711e-02 -2.890258e+00
##          7          7          7          7          7
## -2.890258e+00 6.310616e-01 4.237500e-01 -2.890258e+00 -7.291327e+00
##          7          7          7          7          7
## -2.890258e+00 1.546422e+00 3.882237e-02 2.414773e+00 1.112280e-01
##          7          7          7          7          7
## 1.135961e-01 -7.576237e+00 7.245658e-01 3.263656e-01 5.967994e-01
##          7          7          7          7          7
## 2.111870e-01 -2.561677e-01 5.201434e-01 -9.116373e-01 1.525262e+00
##          7          7          7          7          7
## 1.036948e+00 3.770088e-01 -7.061374e-01 2.242380e+00 9.305757e-01
##          7          7          7          7          7
## 9.402587e-01 -7.129881e+00 1.556629e+00 7.098904e-01 1.129121e-01
##          7          7          7          7          7
## -4.614449e-01 5.328792e-01 5.633617e-01 -7.420792e+00 7.466787e-01
##          7          7          7          7          7
## -9.715917e-01 1.454109e+00 1.259560e+00 1.750322e-02 -1.053030e-01
##          7          7          7          7          7
## 7.530630e-01 -1.111556e+00 2.243454e-02 8.272307e-01 1.496723e+00
##          7          7          7          7          7
## 1.0244446e+00 -1.577449e-01 1.275553e+00 1.427285e+00 1.302477e+00
##          7          7          7          7          7
## 1.037248e+00 1.610528e+00 -7.129881e+00 1.439938e+00 1.401686e+00
##          7          7          7          7          7
## 5.871022e-01 8.278514e-01 1.639360e+00 1.690852e-01 1.224347e+00
##          7          7          7          7          7
## 2.492090e-01 7.638859e-01 3.992689e-01 -1.224819e-01 2.184125e+00
##          7          7          7          7          7
## 6.430325e-01 -1.121046e+00 -3.686604e-01 1.364012e+00 1.236145e+00
##          7          7          7          7          7
## 9.915972e-01 1.134328e+00 -1.390988e-01 7.815903e-01 -2.890258e+00
##          7          7          7          7          7
## 4.073435e-01 1.132221e+00 -1.857652e-02 3.963699e-01 -8.595424e-01
##          7          7          7          7          7
## 1.207511e+00 -1.659778e-01 -3.140997e-01 8.715098e-01 1.590510e+00
##          7          7          7          7          7
## 6.794045e-01 5.473809e-01 1.711408e+00 5.128442e-01 1.125517e+00
##          7          7          7          7          7
## 1.006803e+00 2.055047e-01 -2.890258e+00 6.109043e-01 5.828898e-01
##          7          7          7          7          7
## -3.538584e-01 8.066463e-02 2.869357e-01 1.408180e+00 1.478459e+00

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##          7          7          7          7          7
## -2.890258e+00 -2.890258e+00 4.297429e-01 -2.389480e-01 6.723216e-02
##          7          7          7          7          7
## 1.865270e+00 7.604211e-01 1.049442e+00 -6.733679e+00 1.815886e+00
##          7          7          7          7          7
## 1.578373e+00 -2.191009e-01 1.885107e+00 2.199289e+00 -2.281923e-01
##          7          7          7          7          7
## 6.478549e-01 1.399112e+00 1.145730e+00 -4.161087e-01 6.329848e-01
##          7          7          7          7          7
## -2.890258e+00 1.096320e+00 1.419685e+00 -2.544806e-01 9.220719e-01
##          7          7          7          7          7
## 2.841474e+00 1.197172e+00 1.521410e+00 -1.824244e-01 9.272319e-01
##          7          7          7          7          7
## 4.769204e-01 1.033890e+00 5.870259e-01 -5.021254e-02 1.115741e+00
##          7          7          7          7          7
## -2.495970e-01 -2.890258e+00 1.176836e+00 5.774009e-01 -3.114138e-01
##          7          7          7          7          7
## 1.142076e+00 1.160626e+00 1.843803e+00 1.788725e+00 -2.246018e-01
##          7          7          7          7          7
## 1.868092e+00 4.753452e-01 -7.291327e+00 7.411578e-01 1.292198e+00
##          7          7          7          7          7
## -1.317011e+00 1.743334e+00 4.260764e-02 -2.116448e-01 -2.890258e+00
##          7          7          7          7          7
## 8.313160e-01 -6.733679e+00 9.514061e-01 9.331487e-02 3.895439e-01
##          7          7          7          7          7
## 7.682958e-02 -4.612564e-01 1.733348e+00 -1.697864e+00 -1.125785e+00
##          7          7          7          7          7
## 1.782386e-02 1.641970e+00 5.147249e-01 -7.420792e+00 1.279091e+00
##          7          7          7          7          7
## 6.593731e-01 1.921587e-01 3.682585e-01 -1.271249e-01 -2.890258e+00
##          7          7          7          7          7
## 4.266561e-01 -2.198331e-01 -1.730700e-02 2.446748e+00 2.179473e+00
##          7          7          7          7          7
## 1.151710e+00 8.079009e-01 -2.890258e+00 3.336732e-01 3.431747e-01
##          7          7          7          7          7
## 1.174547e+00 5.301820e-01 1.729507e+00 1.088074e+00 8.132628e-01
##          7          7          7          7          7
## 2.836719e-01 -1.383973e+00 3.457069e-01 -2.337971e-01 2.139961e+00
##          7          7          7          7          7
## -7.233669e-02 1.058380e+00 6.052760e-01 4.104578e-01 -2.890258e+00
##          7          7          7          7          7
## 1.065065e+00 8.878899e-01 1.885324e+00 4.381037e-01 2.266968e-01
##          7          7          7          7          7
## 9.610446e-01 -5.474839e-01 1.347183e+00 1.099972e+00 1.205386e+00
##          7          7          7          7          7
## -7.757543e-01 -4.419555e-01 -7.291327e+00 -6.733679e+00 4.032158e-01
##          7          7          7          7          7
## 8.620413e-01 1.268448e+00 -3.577850e-03 9.749530e-01 7.336075e-01
##          7          7          7          7          7
## 1.195175e+00 3.409314e-01 -3.307611e-01 2.393715e-01 -6.733679e+00
##          7          7          7          7          7
## 1.015312e+00 1.238632e+00 2.624209e-01 8.082508e-01 -8.973756e-01
##          7          7          7          7          7
## 2.898430e+00 1.633711e+00 3.821352e-01 -6.733679e+00 -9.809048e-01

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##          7          7          7          7          7
## 3.572221e-02 -1.164297e+00 4.055414e-01 -2.890258e+00 8.605584e-01
##          7          7          7          7          7
## 1.037806e+00 8.470990e-01 2.149122e+00 1.162061e+00 1.386155e+00
##          7          7          7          7          7
## 1.013457e+00 -1.211712e+00 1.356376e+00 8.898763e-02 7.810740e-02
##          7          7          7          7          7
## -2.079553e-01 -9.288677e-01 -1.496322e+00 -6.733679e+00 5.252953e-01
##          7          7          7          7          7
## -6.727937e-01 4.193094e-01 4.289526e-01 -5.712926e-01 5.038649e-01
##          7          7          7          7          7
## -7.117987e-01 -1.893494e-01 -6.365988e-02 5.769433e-01 1.320387e+00
##          7          7          7          7          7
## 1.812517e+00 1.329574e+00 2.256871e+00 6.962468e-01 -2.890258e+00
##          7          7          7          7          7
## 1.823194e+00 9.641879e-01 2.015507e+00 -7.420792e+00 -4.132323e-01
##          7          7          7          7          7
## 9.741447e-01 7.678409e-01 1.256545e+00 1.908253e+00 5.230754e-01
##          7          7          7          7          7
## 1.058797e+00 8.383032e-01 5.270975e-01 6.377993e-01 2.032608e+00
##          7          7          7          7          7
## -7.366375e-01 1.800857e+00 6.463900e-01 7.677798e-01 -1.374225e+00
##          7          7          7          7          7
## 8.812290e-02 1.358969e+00 2.029211e-01 -2.890258e+00 1.498440e+00
##          7          7          7          7          7
## 8.220451e-02 7.853151e-01 1.218415e+00 -6.347879e+00 -3.860630e-01
##          7          7          7          7          7
## -2.890258e+00 1.530422e+00 -2.591077e-01 6.045103e-01 -2.215134e-01
##          7          7          7          7          7
## -7.249288e-01 1.291654e+00 6.538293e-01 7.458383e-01 1.970825e-01
##          7          7          7          7          7
## 2.026547e+00 -1.006498e+00 -5.195682e-02 -3.618800e-01 6.723286e-01
##          7          7          7          7          7
## 3.298598e-01 2.166510e+00 3.346971e-01 -4.013754e-01 -1.197620e+00
##          7          7          7          7          7
## 1.285090e+00 -5.464955e-01 1.229020e+00 9.962052e-01 1.833817e+00
##          7          7          7          7          7
## -3.342854e-01 1.297262e+00 -8.252139e-03 -5.762795e-01 1.195109e+00
##          7          7          7          7          7
## 4.357779e-01 1.041996e+00 1.000175e+00 -4.987499e-01 1.116911e+00
##          7          7          7          7          7
## -2.171617e-01 2.814468e-01 6.754270e-01 8.263208e-01 5.924276e-01
##          7          7          7          7          7
## 2.025349e+00 -2.890258e+00 9.681426e-02 -7.129881e+00 1.844467e+00
##          7          7          7          7          7
## -3.005865e+00 -4.738462e-02 1.106165e+00 6.372348e-01 2.382893e-01
##          7          7          7          7          7
## 7.211076e-01 1.580138e+00 -3.316843e-01 2.334624e-01 3.245978e-01
##          7          7          7          7          7
## 1.121370e+00 -1.870013e-01 1.839360e+00 1.801795e+00 6.506884e-01
##          7          7          7          7          7
## -2.508774e-01 8.392446e-01 3.283503e-01 -1.594444e-01 4.922579e-01
##          7          7          7          7          7
## -6.733679e+00 -3.616947e-02 -6.733679e+00 2.601206e-01 -1.514806e+00

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##          7          7          7          7          7
## -1.407185e+00  8.449862e-01  9.082218e-02 -7.129881e+00  6.495129e-01
##          7          7          7          7          7
##  2.230257e-01  1.220630e+00  1.900226e+00  6.697312e-01 -1.204254e+00
##          7          7          7          7          7
##  1.394473e+00  2.068682e+00  1.145238e+00  1.083298e+00  1.853311e+00
##          7          7          7          7          7
##  1.095127e+00  1.771074e+00  4.823141e+00  1.920084e+00  1.322834e+00
##          7          7          7          7          7
## -3.921832e-01  2.025742e+00  2.043035e+00  2.156677e+00  1.769194e+00
##          7          7          7          7          7
##  1.167514e+00 -8.199392e-02  5.805911e-01  8.932504e-01  4.047069e-01
##          7          7          7          7          7
##  5.493801e-01  2.261977e+00  1.149833e+00  1.374035e+00 -6.023497e-02
##          7          7          7          7          7
##  7.271259e-01  6.871346e-01 -7.389936e-01  1.509940e+00  1.064045e-01
##          7          7          7          7          7
##  6.474622e-01  7.783028e-01 -7.420792e+00  3.730578e-01  6.095503e-01
##          7          7          7          7          7
## -3.825726e-01 -2.074834e-01  5.533786e-01  2.933667e-01 -1.033459e+00
##          7          7          7          7          7
##  1.083090e+00 -2.890258e+00  1.597167e+00  2.775353e-01  6.205922e-02
##          7          7          7          7          7
## -6.743243e-02 -1.353217e-01  1.464098e+00  1.346375e+00 -8.053372e-01
##          7          7          7          7          7
## -1.043032e-01  1.527194e+00  1.232013e+00 -2.890258e+00  1.003223e+00
##          7          7          7          7          7
## -6.754408e-01  1.768647e+00  1.174283e+00 -1.679210e-01  1.019644e+00
##          7          7          7          7          7
##  7.638883e-01  4.605112e-01  2.746543e+00 -4.214331e-01 -5.729321e-02
##          7          7          7          7          7
## -5.316935e-01  7.866557e-01  1.443757e+00  7.662124e-01 -8.878286e-01
##          7          7          7          7          7
##  5.639450e-01 -7.672227e-01  1.066084e+00  1.506471e+00 -1.366458e+00
##          7          7          7          7          7
## -6.733679e+00 -8.140843e-02  1.261545e+00  3.135460e+00  1.202909e+00
##          7          7          7          7          7
##  1.292776e+00 -3.036053e-01 -7.420792e+00 -2.437402e-02  1.565632e+00
##          7          7          7          7          7
## -9.188504e-01 -6.431434e-01  8.152534e-01  1.974840e+00  5.993776e-01
##          7          7          7          7          7
##  4.013246e-01 -1.430038e-01 -2.890258e+00  1.088946e+00 -7.420792e+00
##          7          7          7          7          7
## -8.408054e-02 -1.813090e-02 -2.890258e+00 -8.520637e+00  1.727818e+00
##          7          7          7          7          7
##  6.267172e-01  2.146298e+00 -2.890258e+00  3.761023e-01  1.736219e-02
##          7          7          7          7          7
##  1.857615e+00 -4.308091e-02 -3.267261e-01 -4.343937e-01 -6.294735e-01
##          7          7          7          7          7
##  4.328038e-01  1.571023e-01  1.283573e+00  8.362210e-01  6.353404e-01
##          7          7          7          7          7
##  2.042546e+00  1.892393e+00 -2.093988e-01  1.513239e+00  1.441882e+00
##          7          7          7          7          7
##  7.090972e-01  6.859189e-01 -3.082478e-01 -6.733679e+00  1.136024e+00

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##          7          7          7          7          7
## 1.381687e+00 -1.112745e-01 1.324550e+00 8.088698e-01 8.735073e-01
##          7          7          7          7          7
## 9.022974e-01 -1.852758e-01 2.497229e-02 2.056109e+00 6.698046e-01
##          7          7          7          7          7
## 3.589479e+00 -1.238611e+00 8.818149e-01 -8.362536e-01 -8.869656e-01
##          7          7          7          7          7
## 1.270411e+00 1.026235e+00 6.603931e-01 -1.537831e-01 -1.415501e-01
##          7          7          7          7          7
## 3.598786e-01 1.348300e+00 -1.058052e+00 1.189620e+00 -1.480977e+00
##          7          7          7          7          7
## -6.429457e-01 1.140740e+00 7.991657e-01 -4.789497e-01 3.188119e-01
##          7          7          7          7          7
## -1.715491e-01 -1.891508e-01 -1.202790e-02 -6.451887e-01 1.181900e+00
##          7          7          7          7          7
## 6.711022e-01 -6.418972e-01 1.209806e+00 6.633049e-01 2.928988e-01
##          7          7          7          7          7
## -2.154452e+00 1.024260e+00 -2.890258e+00 5.162524e-01 4.627643e-01
##          7          7          7          7          7
## 1.347027e+00 -6.361507e-01 2.242043e-01 2.072457e+00 1.404655e+00
##          7          7          7          7          7
## 3.230862e-01 2.123379e-01 6.993649e-01 4.813368e-01 2.370559e-01
##          7          7          7          7          7
## 1.604573e+00 2.237771e+00 1.132221e+00 -7.129881e+00 2.732712e+00
##          7          7          7          7          7
## -2.890258e+00 4.744013e-01 3.261963e-01 6.889839e-01 1.149834e-01
##          7          7          7          7          7
## -9.075946e-01 5.057798e-01 4.799800e-01 5.865364e-01 4.453467e-01
##          7          7          7          7          7
## 1.194563e+00 1.403903e+00 -2.890258e+00 3.316643e-01 1.035620e+00
##          7          7          7          7          7
## 1.438081e+00 1.470878e+00 7.305836e-01 7.835425e-01 8.021358e-01
##          7          7          7          7          7
## 6.916554e-01 4.110221e-01 9.694542e-01 -8.851161e-01 8.151575e-01
##          7          7          7          7          7
## 1.383002e+00 7.257234e-01 -1.536799e+00 2.586692e-01 4.000886e-02
##          7          7          7          7          7
## -7.173386e-03 1.097601e+00 3.156764e+00 8.199749e-01 1.887037e+00
##          7          7          7          7          7
## 2.177956e+00 1.535819e+00 2.287319e+00 -2.890258e+00 8.432323e-01
##          7          7          7          7          7
## 1.006803e+00 1.689812e+00 1.688947e-02 -7.291327e+00 6.234777e-01
##          7          7          7          7          7
## 5.524636e-01 4.364151e-02 4.024691e-01 -2.890258e+00 1.826977e+00
##          7          7          7          7          7
## -5.889812e-02 1.252440e+00 -2.890258e+00 1.623332e+00 2.435943e+00
##          7          7          7          7          7
## 1.134221e+00 7.272397e-01 1.719970e+00 8.502924e-01 9.359840e-01
##          7          7          7          7          7
## 1.288130e+00 -6.733679e+00 7.082898e-01 8.275705e-01 1.365046e+00
##          7          7          7          7          7
## 1.077906e-01 3.287147e+00 5.248543e-01 9.274207e-01 1.138048e+00
##          7          7          7          7          7
## 2.374982e+00 -3.538317e-01 1.191240e+00 -1.016466e+00 9.029289e-01

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##          7          7          7          7          7
## -6.733679e+00  8.599685e-01  8.822788e-01  1.458091e+00  1.884401e+00
##          7          7          7          7          7
##  2.126038e+00  1.046768e+00 -1.092912e+00  5.679864e-01 -1.176363e-01
##          7          7          7          7          7
##  1.139733e+00 -6.733679e+00  9.307736e-01  5.448700e-01  1.720111e-02
##          7          7          7          7          7
##  8.835551e-01 -1.555543e-01  7.181411e-01  4.561895e-01  2.704411e+00
##          7          7          7          7          7
##  1.783697e+00  7.297756e-01  6.116775e-01 -1.402915e-01 -1.595697e-01
##          7          7          7          7          7
##  4.592794e-01  6.548799e-01  1.139413e+00  5.170839e-01  1.088946e+00
##          7          7          7          7          7
## -9.394842e-01  7.457696e-01 -1.287341e+00  5.679864e-01  1.069134e+00
##          7          7          7          7          7
##  1.423048e+00  5.528883e-01 -7.576237e+00  2.393425e-01 -1.334605e-01
##          7          7          7          7          7
##  1.463795e+00  1.469973e+00 -3.612925e-01 -4.090547e-02  2.247493e-01
##          7          7          7          7          7
## -2.890258e+00  1.089934e+00  1.217417e+00  1.371706e+00  4.101445e-01
##          7          7          7          7          7
##  5.954404e-01  9.717403e-01  6.366881e-01 -2.480276e-01  6.199525e-01
##          7          7          7          7          7
##  3.761828e-01  5.246579e-01  4.001684e-01 -5.196235e-01  1.826006e+00
##          7          7          7          7          7
## -8.296815e-01  2.201277e-01  9.755158e-01  1.656054e-01  4.917142e-01
##          7          7          7          7          7
## -4.659073e-01  1.739328e+00  9.163278e-01 -7.150310e+00  1.531069e+00
##          7          7          7          7          7
##  1.457385e+00 -3.196937e-01  2.115162e-01 -3.642064e-01 -6.733679e+00
##          7          7          7          7          7
##  1.516901e+00  9.853930e-01  1.030070e+00  1.456288e+00  2.138512e+00
##          7          7          7          7          7
## -4.658326e-01 -8.030749e-02 -7.301807e-01 -5.025957e-01 -6.733679e+00
##          7          7          7          7          7
## -6.733679e+00  1.236972e+00 -6.389879e-01  1.230931e+00  9.689349e-01
##          7          7          7          7          7
##  1.209545e-01  5.662766e-01  3.843738e-01 -3.730339e-01 -7.129881e+00
##          7          7          7          7          7
##  1.268036e+00  1.059529e+00 -6.733679e+00  4.754031e+00  7.455703e-01
##          7          7          7          7          7
## -3.725323e-01 -6.733679e+00  7.318023e-01  1.665695e+00  2.335931e+00
##          7          7          7          7          7
##  1.076802e+00  1.861254e-01  1.010603e+00  9.297113e-01  4.505881e-01
##          7          7          7          7          7
##  2.914028e-01  1.959028e+00  4.655424e-01  2.204272e+00  1.886282e+00
##          7          7          7          7          7
##  4.329922e-01  1.351448e+00  1.461685e-02 -1.565015e-01  5.544205e-01
##          7          7          7          7          7
##  1.689942e+00  3.226997e-02  1.075609e-01  5.177517e-02 -2.890258e+00
##          7          7          7          7          7
## -2.317907e-01  2.242883e+00 -3.306279e-01  1.060873e-01  5.617199e-01
##          7          7          7          7          7
##  4.073658e-01 -1.392427e+00  5.965579e-01  4.947786e-01 -7.420792e+00

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##          7          7          7          7          7
## -2.774485e-01  5.254945e-01  4.958021e-01  6.940654e-01  1.684238e+00
##          7          7          7          7          7
##  1.126170e+00  1.013309e+00 -6.733679e+00  2.046279e+00  1.161697e+00
##          7          7          7          7          7
##  2.047149e+00  1.445772e-01  1.343841e+00  1.223711e-01  1.841570e+00
##          7          7          7          7          7
## -1.049790e+00 -7.672128e-03 -7.420792e+00  5.033930e-02  3.730810e-01
##          7          7          7          7          7
##  8.768200e-01  1.911177e+00  1.190549e+00  1.233812e+00 -6.054664e-01
##          7          7          7          7          7
##  1.402703e+00  1.232331e+00  9.658282e-01 -3.278061e-01  5.967625e-01
##          7          7          7          7          7
##  9.012633e-01 -7.129881e+00  1.670409e+00  8.707260e-01  5.704182e-01
##          7          7          7          7          7
## -2.890258e+00  1.441166e+00 -1.611593e-03  1.047578e+00 -1.821695e-01
##          7          7          7          7          7
##  1.093556e-01  1.320727e+00  1.192392e+00 -6.733679e+00  1.791998e+00
##          7          7          7          7          7
##  1.849577e+00  1.222518e+00 -1.052363e-01 -2.890258e+00 -7.129881e+00
##          7          7          7          7          7
##  1.886282e+00  8.333390e-01  1.146713e+00 -5.459192e-01  1.119960e+00
##          7          7          7          7          7
##  1.684403e+00  2.460692e-01  8.285185e-01 -4.057772e-01 -7.581822e-01
##          7          7          7          7          7
##  1.340850e+00 -1.428351e-01 -7.150310e+00 -1.409031e+00 -3.883474e-01
##          7          7          7          7          7
##  1.523879e+00  1.580818e+00  1.032989e+00 -1.199680e+00  1.564248e+00
##          7          7          7          7          7
##  1.530833e+00 -6.053433e-01  9.297516e-01  2.881372e-01  1.425444e+00
##          7          7          7          7          7
## -7.492089e-01  1.563521e-01  5.654077e-01  1.387805e-01 -6.233518e-02
##          7          7          7          7          7
##  3.666178e-01  1.155997e+00  5.087611e-01  7.849534e-01 -1.024029e+00
##          7          7          7          7          7
## -1.551903e+00  1.451432e+00 -5.592764e-01 -9.084359e-01  1.225807e+00
##          7          7          7          7          7
## -1.159152e+00 -6.540600e-01 -1.536637e+00  1.178277e+00  7.664238e-01
##          7          7          7          7          7
##  1.848240e+00  1.061028e-01  1.896222e+00  3.427887e-01 -2.266169e-01
##          7          7          7          7          7
##  3.649145e-01 -2.890258e+00  5.133239e-01  9.082218e-02  2.191827e+00
##          7          7          7          7          7
##  1.090767e+00  8.263570e-01  2.187734e+00 -2.890258e+00  1.082858e+00
##          7          7          7          7          7
##  1.156614e+00  2.605514e-01 -2.219201e-01 -1.290987e-01 -3.596677e-01
##          7          7          7          7          7
##  1.556629e+00  1.865212e+00  5.490854e-01  7.652204e-01  2.148147e-01
##          7          7          7          7          7
## -2.890258e+00  1.171074e+00 -5.939673e-02  7.880218e-01  1.336265e-01
##          7          7          7          7          7
##  1.422058e-01  1.766941e+00  3.396363e-01  5.235847e-01 -9.063167e-01
##          7          7          7          7          7
##  1.634132e+00 -9.351000e-01  4.324487e-01  9.033177e-01 -9.145589e-01

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##          7          7          7          7          7
## 7.237389e-01 -5.388525e-01 7.679301e-01 7.345500e-01 -6.733679e+00
##          7          7          7          7          7
## 7.855194e-01 1.273036e+00 1.854188e-01 1.604352e+00 1.600427e+00
##          7          7          7          7          7
## 1.019504e+00 6.392328e-01 4.557733e-01 6.961657e-01 6.231434e-02
##          7          7          7          7          7
## -1.481784e-01 -7.342234e-01 8.434348e-01 1.893860e+00 3.189616e+00
##          7          7          7          7          7
## 3.247753e-01 -7.420792e+00 -6.733679e+00 4.414897e-01 -7.129881e+00
##          7          7          7          7          7
## 1.355290e+00 5.703093e-01 2.660079e-01 -7.455331e-01 5.845735e-02
##          7          7          7          7          7
## -4.752714e-02 6.409803e-01 2.991064e-01 -2.890258e+00 4.550984e-01
##          7          7          7          7          7
## 2.184557e-01 7.122130e-01 -2.370353e+00 3.068041e+00 2.055047e-01
##          7          7          7          7          7
## 9.116033e-01 8.482921e-01 1.424181e+00 3.812984e-01 5.973423e-01
##          7          7          7          7          7
## 3.253017e+00 -1.438833e+00 -4.937385e-03 9.835915e-02 7.369305e-01
##          7          7          7          7          7
## 1.955097e+00 6.349313e-01 4.775293e-01 1.594281e+00 2.715151e-01
##          7          7          7          7          7
## 2.451736e-01 7.142268e-01 2.613098e-01 2.382471e+00 9.327375e-01
##          7          7          7          7          7
## 2.956170e-01 1.305121e+00 3.197411e-01 -2.806689e-01 -1.440177e+00
##          7          7          7          7          7
## 1.985544e+00 3.195820e-01 1.231433e+00 2.355921e+00 2.721564e-01
##          7          7          7          7          7
## 3.559117e-01 3.745753e-01 -5.578039e-01 1.389529e+00 3.856066e-01
##          7          7          7          7          7
## 6.768581e-01 9.768239e-01 -2.059629e-01 8.744086e-01 -1.123696e+00
##          7          7          7          7          7
## 6.270010e-01 1.863012e+00 -1.185712e-02 2.580515e-01 1.005750e+00
##          7          7          7          7          7
## -7.420792e+00 1.960764e+00 7.680754e-01 9.270448e-01 -2.890258e+00
##          7          7          7          7          7
## 8.242357e-02 1.696637e+00 5.039184e-01 -6.733679e+00 2.172169e+00
##          7          7          7          7          7
## 1.132221e+00 2.388673e+00 2.187523e+00 1.927921e+00 3.951086e-01
##          7          7          7          7          7
## 8.132628e-01 -6.733679e+00 1.475546e+00 9.036056e-01 4.192802e-01
##          7          7          7          7          7
## 7.173130e-01 -2.799986e-01 7.001332e-02 1.262745e+00 -9.872319e-01
##          7          7          7          7          7
## 1.204291e+00 -2.890258e+00 5.566356e-02 1.919536e+00 1.870709e+00
##          7          7          7          7          7
## -2.890258e+00 7.823570e-01 -6.733679e+00 3.440607e-01 3.981563e-02
##          7          7          7          7          7
## 2.479719e+00 2.304854e+00 1.741074e+00 1.534973e+00 8.032233e-01
##          7          7          7          7          7
## -5.454408e-01 2.357920e-01 5.308888e-01 2.533114e-01 1.777899e+00
##          7          7          7          7          7
## -2.890258e+00 2.362140e+00 -1.028908e+00 4.334673e-01 1.872570e+00

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##          7          7          7          7          7
## 1.100033e-01 -1.874024e+00 -1.182534e+00 8.635595e-01 -1.037631e-01
##          7          7          7          7          7
## 4.985368e-01  2.799932e-02  7.743969e-01 -1.729354e+00  1.968062e-01
##          7          7          7          7          7
## 3.616940e-01 -7.576237e+00  1.547075e+00  5.243381e-01  2.200244e+00
##          7          7          7          7          7
## 1.278032e+00  5.429830e-01  1.278307e+00  4.238483e-01  6.964259e-02
##          7          7          7          7          7
## 8.971820e-01 -7.576237e+00 -2.348800e-01  4.254313e-01 -7.232573e+00
##          7          7          7          7          7
## 6.843915e-01  7.592157e-01  3.714951e-01  1.594957e-01  1.302183e+00
##          7          7          7          7          7
## 5.498131e-01  2.993886e-01 -6.619631e-01  7.928778e-01  5.141409e-01
##          7          7          7          7          7
## -1.059188e+00 1.937741e+00  7.147356e-01 -6.733679e+00  1.847536e+00
##          7          7          7          7          7
## 2.407399e-01  8.257874e-01 -8.642619e-01 -9.297038e-01  7.982939e-01
##          7          7          7          7          7
## 4.199047e-01  1.372636e+00  4.412684e-01 -8.391152e-02  1.066854e+00
##          7          7          7          7          7
## 2.320406e+00  1.260907e+00  1.005865e+00 -6.985983e-01  5.060636e-01
##          7          7          7          7          7
## -7.517150e-01 3.381518e-02  7.873521e-01  3.594732e-01 -7.129881e+00
##          7          7          7          7          7
## -7.150310e+00 9.512045e-01 -1.486850e-01 -7.420792e+00  9.619887e-01
##          7          7          7          7          7
## 7.774123e-01  9.478105e-01  9.597943e-01  1.592870e+00  6.124513e-01
##          7          7          7          7          7
## -8.015076e-02 -6.594674e-01  3.367733e-02 -2.735305e-01  1.537288e+00
##          7          7          7          7          7
## 2.565617e-01  9.624806e-01 -2.890258e+00  3.274646e-02  6.955775e-01
##          7          7          7          7          7
## 1.551659e+00  7.992145e-01  3.190120e-03  1.602804e+00 -8.023032e-01
##          7          7          7          7          7
## 7.236682e-01  1.431143e+00  9.834616e-01  3.370625e-01  1.326405e+00
##          7          7          7          7          7
## 9.671277e-01 -2.890258e+00  1.060506e+00  7.109420e-01  6.909568e-02
##          7          7          7          7          7
## -3.455576e-01 8.638118e-01  3.130598e-01 -4.621957e-01  2.862310e-01
##          7          7          7          7          7
## -4.534359e-01 -1.391650e-01  6.214607e-01  1.420915e+00  1.966080e-01
##          7          7          7          7          7
## 2.727125e-01  7.116587e-01  4.475501e-01  2.231688e-01 -6.003932e-01
##          7          7          7          7          7
## 8.157146e-01  1.959383e+00  4.569686e-01  1.238303e+00  4.095180e-01
##          7          7          7          7          7
## -7.129881e+00 1.345356e-01 -4.430288e-01  1.467850e+00 -1.014798e-01
##          7          7          7          7          7
## -1.105832e+00 -5.273825e-01  1.538918e+00  3.860374e-01  2.403518e-01
##          7          7          7          7          7
## -6.767042e-02 1.927352e-01 -5.623031e-01  1.020221e+00 -1.057425e-01
##          7          7          7          7          7
## 4.479599e-01  4.279677e-01  3.024159e-01  5.484722e-01 -7.129881e+00

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##          7          7          7          7          7
## 2.805311e-01 -8.380507e-02 -9.561613e-01 -1.441487e+00 9.506371e-01
##          7          7          7          7          7
## -2.890258e+00 -6.038792e-01  1.183261e+00  1.031507e+00 5.783139e-01
##          7          7          7          7          7
## 1.139413e+00  1.774761e+00  3.234376e-01 -2.890258e+00 6.173889e-01
##          7          7          7          7          7
## 1.536648e+00  2.454267e+00  1.830200e+00  1.317475e-01 1.197677e+00
##          7          7          7          7          7
## -6.733679e+00 -2.394298e-01 -1.083019e+00  1.441430e+00 -7.462115e-01
##          7          7          7          7          7
## 1.884597e+00  8.783576e-02  1.665956e+00 -8.270208e-01 1.108179e+00
##          7          7          7          7          7
## 1.179540e-01  6.869544e-01 -1.663369e+00 -6.733679e+00 2.283209e-01
##          7          7          7          7          7
## -2.890258e+00  7.664588e-01  1.644957e-01  5.182192e-02 1.199519e+00
##          7          7          7          7          7
## 1.733215e+00  9.874923e-01  7.184189e-01  1.057127e+00 9.755046e-01
##          7          7          7          7          7
## -7.321065e-01 -2.890258e+00  3.823423e-01 -2.183958e-01 -4.866101e-01
##          7          7          7          7          7
## 9.834883e-01  9.628173e-01 -2.890258e+00  1.261788e+00 1.199758e-02
##          7          7          7          7          7
## -2.890258e+00  1.525286e-01 -6.811680e-02  3.001296e-01 -1.765438e+00
##          7          7          7          7          7
## 3.280847e-01  4.648802e-01  1.083518e+00  1.280446e-01 -5.707684e-01
##          7          7          7          7          7
## -4.638415e-01 -2.537227e-01  6.413067e-01  6.661351e-02 6.486549e-01
##          7          7          7          7          7
## -3.343349e-01  2.105746e+00  8.752832e-01 -7.291327e+00 9.832001e-01
##          7          7          7          7          7
## -3.066478e-01  1.371706e+00 -2.890258e+00  5.005863e-01 1.651281e+00
##          7          7          7          7          7
## 2.400845e-01  3.680291e-01  9.820420e-01  5.963262e-01 1.354499e+00
##          7          7          7          7          7
## -9.526171e-01  1.155280e+00  3.605019e-01  1.635335e+00 1.886196e+00
##          7          7          7          7          7
## -2.890258e+00 -1.326588e-02  1.536188e+00  1.596955e+00 1.045216e+00
##          7          7          7          7          7
## 3.039249e-01  2.934721e-01 -3.617173e-01  1.791535e+00 3.759943e-01
##          7          7          7          7          7
## 1.649060e+00  9.422267e-01  6.505661e-01  1.033133e+00 -3.354024e-01
##          7          7          7          7          7
## 1.004041e+00 -1.055427e+00  7.262994e-01 -6.733679e+00 1.397442e-01
##          7          7          7          7          7
## -1.112890e+00  1.764149e+00 -4.937408e-01  3.905531e-01 -1.046793e+00
##          7          7          7          7          7
## -2.890258e+00 -2.268791e-01  3.018068e-02 -5.590793e-01 -1.755668e-02
##          7          7          7          7          7
## 1.022417e+00  1.301412e+00  2.892089e+00  1.063818e+00 7.608215e-01
##          7          7          7          7          7
## 5.301695e-01  9.222921e-01 -2.412311e-01 -2.890258e+00 1.651351e-01
##          7          7          7          7          7
## -3.820507e-01  7.689008e-01 -2.890258e+00 -1.628004e-02 1.045187e+00

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##          7          7          7          7          7
## 4.636213e-01 -3.895412e-01 -1.496245e-01 1.313830e+00 -1.940893e-01
##          7          7          7          7          7
## 1.524857e+00 8.427925e-01 8.697240e-01 1.693456e-01 7.971126e-01
##          7          7          7          7          7
## -2.890258e+00 2.305342e-01 -5.359859e-01 1.143968e+00 2.042041e+00
##          7          7          7          7          7
## 1.622481e+00 6.497474e-02 3.868410e-01 2.545976e-01 -1.634736e-01
##          7          7          7          7          7
## 7.285805e-01 1.356046e+00 1.501234e+00 1.805189e+00 1.110021e+00
##          7          7          7          7          7
## 2.355011e-01 1.892722e+00 1.492979e+00 1.960215e-01 6.202784e-01
##          7          7          7          7          7
## -1.317705e+00 1.482266e+00 -7.129881e+00 9.703750e-01 2.007954e+00
##          7          7          7          7          7
## -4.093268e-01 1.888781e-01 9.681473e-01 2.046450e-01 2.415670e-01
##          7          7          7          7          7
## 8.466247e-01 2.639113e+00 1.976185e+00 1.909813e+00 -7.232573e+00
##          7          7          7          7          7
## 1.004289e+00 9.509810e-01 -1.075187e-01 5.783139e-01 -5.736064e-02
##          7          7          7          7          7
## 1.760554e+00 1.006509e+00 1.664792e+00 2.622134e+00 1.680878e+00
##          7          7          7          7          7
## 6.300532e-01 5.334310e-01 3.082856e+00 1.196934e+00 -6.733679e+00
##          7          7          7          7          7
## 1.399582e+00 5.925028e-01 -4.287726e-01 3.750505e-01 9.607184e-01
##          7          7          7          7          7
## -8.644236e-02 1.215279e+00 1.290820e-01 1.333437e-01 1.844249e+00
##          7          7          7          7          7
## 9.810370e-01 3.001296e-01 1.234518e+00 -3.011767e-01 2.185747e-01
##          7          7          7          7          7
## 5.077675e-01 7.508912e-01 -5.988448e-02 2.210356e+00 -2.890258e+00
##          7          7          7          7          7
## 2.123346e+00 1.079718e+00 6.831771e-01 2.166570e+00 1.192207e+00
##          7          7          7          7          7
## 1.412240e+00 7.897583e-01 -1.163118e+00 -1.518929e+00 1.289405e+00
##          7          7          7          7          7
## 5.476462e-01 -6.733679e+00 -1.131281e+00 2.735738e+00 -2.988667e-01
##          7          7          7          7          7
## 1.268036e+00 -1.169807e-01 2.065707e+00 1.178955e+00 8.534438e-01
##          7          7          7          7          7
## -2.890258e+00 6.335735e-01 1.782462e+00 -7.129881e+00 5.197970e-01
##          7          7          7          7          7
## 8.026662e-01 6.145491e-01 -2.890258e+00 1.552130e-01 1.427525e+00
##          7          7          7          7          7
## 1.394022e+00 6.592000e-01 5.188079e-01 8.264731e-01 1.712079e+00
##          7          7          7          7          7
## 5.577645e-01 1.874327e+00 1.805562e+00 1.516822e+00 -2.890258e+00
##          7          7          7          7          7
## 7.874501e-02 8.688545e-01 -6.733679e+00 7.814732e-01 8.790192e-01
##          7          7          7          7          7
## -2.890258e+00 2.534798e-01 1.446844e-01 -5.735087e-02 3.356657e-01
##          7          7          7          7          7
## 7.792516e-01 6.299315e-01 2.443212e-01 2.711145e-01 4.408644e-01

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##          7          7          7          7          7
## 1.034389e+00 -9.068929e-02 -7.766696e-01 -8.891967e-02 1.845499e+00
##          7          7          7          7          7
## -6.779070e-01 -3.406582e-01 -1.258068e-01 -2.890258e+00 8.164227e-01
##          7          7          7          7          7
## 1.350527e+00 1.027818e+00 1.535035e+00 2.788202e-01 1.144434e+00
##          7          7          7          7          7
## 1.326762e+00 1.883515e+00 -6.733679e+00 -6.733679e+00 1.361824e+00
##          7          7          7          7          7
## 1.398168e+00 -2.849735e-01 2.232410e-01 -7.966486e-01 2.706951e+00
##          7          7          7          7          7
## -2.431801e-01 3.762612e-01 2.439466e+00 -1.631644e+00 7.699440e-01
##          7          7          7          7          7
## 8.825630e-02 1.864493e-01 -1.037487e-01 -4.197572e-01 1.563398e+00
##          7          7          7          7          7
## 2.367037e+00 4.407627e-01 7.091051e-01 -1.343686e-02 -6.733679e+00
##          7          7          7          7          7
## 4.894186e-01 1.916375e-01 7.205518e-01 8.855324e-01 1.214049e+00
##          7          7          7          7          7
## 2.608903e+00 -8.183489e+00 1.280799e+00 9.140934e-01 1.232716e+00
##          7          7          7          7          7
## -2.954466e-01 1.255188e+00 5.588663e-01 -2.834923e-01 1.995702e+00
##          7          7          7          7          7
## 1.813502e+00 5.405753e-02 -2.721752e-01 1.198245e+00 7.108620e-01
##          7          7          7          7          7
## 6.613097e-01 -9.017934e-02 1.251659e+00 7.613075e-01 9.926153e-01
##          7          7          7          7          7
## -4.336884e-01 -2.090381e-01 -1.252086e+00 -7.992465e-01 6.483002e-01
##          7          7          7          7          7
## -7.809796e-01 -2.890258e+00 1.747252e+00 8.277548e-01 7.657839e-01
##          7          7          7          7          7
## 1.413110e+00 1.462784e+00 -7.991858e-01 4.610814e-01 6.829394e-01
##          7          7          7          7          7
## 7.955142e-01 1.283815e+00 -4.590779e-01 9.215413e-01 6.821756e-01
##          7          7          7          7          7
## -3.728939e-01 9.222181e-01 -1.201391e-01 3.047585e-01 2.922169e-01
##          7          7          7          7          7
## -1.487971e-01 3.445223e-01 4.547444e-01 -2.691093e-02 7.292143e-01
##          7          7          7          7          7
## -2.890258e+00 1.217133e+00 9.253241e-01 2.327289e+00 6.070057e-01
##          7          7          7          7          7
## 1.040466e+00 -4.632861e-02 3.636457e-01 1.221785e-01 1.793536e+00
##          7          7          7          7          7
## -1.101795e+00 2.283072e-01 1.134179e+00 1.521316e-01 -4.780099e-01
##          7          7          7          7          7
## 8.915180e-01 7.106363e-01 8.323738e-01 7.403823e-01 -6.485422e-01
##          7          7          7          7          7
## 1.197013e+00 3.980192e-01 -8.202782e-01 1.256519e+00 4.100943e-01
##          7          7          7          7          7
## 2.251099e-01 8.808017e-01 -6.733679e+00 2.906744e-01 1.898822e+00
##          7          7          7          7          7
## -7.576237e+00 8.321805e-01 -6.733679e+00 8.263822e-01 -1.443374e-01
##          7          7          7          7          7
## -1.660561e+00 1.397224e+00 -6.617407e-02 5.684102e-01 1.189470e+00

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##          7          7          7          7          7
## 1.720829e-01 8.405880e-01 1.299475e-01 1.652819e-01 1.001192e+00
##          7          7          7          7          7
## -2.890258e+00 1.164385e+00 -7.576237e+00 1.057483e+00 -5.230942e-03
##          7          7          7          7          7
## 1.036773e+00 -9.624065e-01 3.946285e-01 6.667587e-01 -1.304805e-01
##          7          7          7          7          7
## -2.152792e-01 8.655149e-02 9.447183e-01 1.366622e+00 1.318527e+00
##          7          7          7          7          7
## -6.733679e+00 1.149534e+00 8.258751e-01 1.193314e+00 1.589253e+00
##          7          7          7          7          7
## -5.014908e-01 -5.809308e-01 7.264307e-01 -4.606594e-01 -2.045988e-01
##          7          7          7          7          7
## -7.150310e+00 -1.459046e-01 2.155402e-01 -1.306132e+00 -2.736047e-01
##          7          7          7          7          7
## -6.319790e-02 4.935706e-01 -2.890258e+00 7.262672e-02 1.821019e-01
##          7          7          7          7          7
## 1.217606e+00 1.232013e+00 1.747397e+00 1.261552e+00 6.309157e-01
##          7          7          7          7          7
## 2.343786e+00 3.549273e-01 -4.030088e-01 -7.420792e+00 1.639647e+00
##          7          7          7          7          7
## 7.176613e-01 1.795156e+00 7.084050e-01 -4.060430e-01 -1.029930e-01
##          7          7          7          7          7
## -2.890258e+00 5.200842e-01 -5.491761e-01 1.401788e+00 2.024196e-01
##          7          7          7          7          7
## -2.890258e+00 1.814167e+00 1.702151e+00 9.213575e-01 -4.510167e-01
##          7          7          7          7          7
## 1.053968e+00 1.746426e+00 7.884680e-01 4.101522e-01 -4.262067e-01
##          7          7          7          7          7
## 9.780722e-01 3.122581e-01 7.899961e-01 1.397654e+00 5.956348e-01
##          7          7          7          7          7
## 6.739092e-01 1.511777e+00 1.535934e+00 7.014433e-02 6.682584e-01
##          7          7          7          7          7
## 1.653810e+00 1.026340e+00 -3.900054e-01 -7.291327e+00 8.577776e-01
##          7          7          7          7          7
## 8.845218e-01 -2.890258e+00 1.606444e+00 1.358947e-01 -7.291327e+00
##          7          7          7          7          7
## 1.450898e+00 2.109614e+00 1.458171e+00 -1.285727e+00 8.473546e-01
##          7          7          7          7          7
## 1.339161e+00 8.333228e-02 -2.928737e-01 2.583684e+00 1.672482e+00
##          7          7          7          7          7
## -8.053557e-01 2.7777764e+00 8.463703e-01 2.351267e+00 1.437845e+00
##          7          7          7          7          7
## 8.584952e-01 -2.890258e+00 1.497849e+00 8.400810e-01 2.315165e+00
##          7          7          7          7          7
## 7.366104e-02 7.560631e-01 1.611309e+00 7.947166e-01 1.194802e+00
##          7          7          7          7          7
## -7.291327e+00 -2.890258e+00 -8.062411e-01 4.196097e-01 7.314739e-01
##          7          7          7          7          7
## 7.384513e-01 -4.675637e-01 6.194607e-01 6.594321e-02 5.712489e-01
##          7          7          7          7          7
## 2.771488e-01 1.039026e+00 -2.890258e+00 -2.665976e-01 6.264194e-01
##          7          7          7          7          7
## 1.423854e+00 1.673091e+00 7.308259e-01 5.767248e-02 7.836901e-01

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##          7          7          7          7          7
## 1.871364e-01 7.881689e-01 3.282299e-01 3.642493e-01 7.562406e-01
##          7          7          7          7          7
## 2.033292e+00 1.441980e+00 -7.576237e+00 -2.890258e+00 5.033405e-01
##          7          7          7          7          7
## 1.117547e+00 -6.733679e+00 -6.733679e+00 1.609397e+00 6.116381e-01
##          7          7          7          7          7
## -5.415629e-01 -6.733679e+00 4.724996e-01 2.810692e+00 5.238424e-01
##          7          7          7          7          7
## -2.752201e-01 2.086457e+00 2.796676e+00 1.280446e-01 1.465335e+00
##          7          7          7          7          7
## -2.890258e+00 -2.637603e-01 9.859031e-01 8.478583e-01 -6.733679e+00
##          7          7          7          7          7
## 9.451838e-01 4.380110e-01 7.367360e-01 8.744877e-01 2.168987e-01
##          7          7          7          7          7
## 1.532040e+00 -5.676954e-01 -2.890258e+00 1.690302e+00 -6.733679e+00
##          7          7          7          7          7
## 1.589258e+00 5.880003e-01 7.366848e-01 4.582741e-01 3.117422e-01
##          7          7          7          7          7
## 7.123422e-01 -2.942873e-01 7.697985e-01 6.446056e-01 1.192905e+00
##          7          7          7          7          7
## 1.546088e+00 -1.334848e+00 -7.420792e+00 -2.890258e+00 9.538138e-01
##          7          7          7          7          7
## 2.131126e-01 8.518106e-01 -9.217081e-01 -2.890258e+00 9.497611e-01
##          7          7          7          7          7
## 8.569909e-01 -1.294369e+00 -1.043682e+00 8.266424e-01 7.246204e-01
##          7          7          7          7          7
## 6.597533e-01 -4.265445e-01 3.830990e-01 1.232832e-01 1.081996e+00
##          7          7          7          7          7
## 3.963927e-01 1.956879e+00 1.592376e+00 -9.521691e-02 9.993096e-02
##          7          7          7          7          7
## 9.075268e-01 4.011618e-02 -6.940938e-01 -6.733679e+00 -1.520534e+00
##          7          7          7          7          7
## 8.440184e-01 6.529604e-01 1.558693e+00 7.569208e-01 6.297500e-01
##          7          7          7          7          7
## 1.733150e+00 3.365791e+00 2.357935e+00 7.200242e-01 2.212759e-03
##          7          7          7          7          7
## 2.314814e-01 1.189451e-01 -4.023552e-01 -4.997462e-01 2.129508e+00
##          7          7          7          7          7
## 5.239973e-01 1.843907e-01 -6.733679e+00 2.304164e+00 9.226396e-01
##          7          7          7          7          7
## 4.644106e-01 5.458383e-01 3.499491e+00 1.416905e-01 2.468720e-01
##          7          7          7          7          7
## 1.193314e+00 8.773029e-02 -7.420792e+00 -7.129881e+00 4.550046e-01
##          7          7          7          7          7
## 9.812162e-01 1.189541e+00 1.470194e+00 1.650435e+00 -2.890258e+00
##          7          7          7          7          7
## 1.109245e-01 3.921611e-01 9.966329e-01 1.254697e+00 1.454515e+00
##          7          7          7          7          7
## -3.368508e-01 1.144621e+00 1.729395e+00 -7.106468e-01 2.548579e-01
##          7          7          7          7          7
## -6.733679e+00 -4.010075e-01 1.498164e-01 1.332752e+00 7.519953e-01
##          7          7          7          7          7
## 1.374198e+00 1.583555e-01 -2.890258e+00 -2.890258e+00 6.986716e-02

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##          7          7          7          7          7
## -8.007636e-01 1.987821e+00 5.766010e-01 -6.634783e-01 1.081991e+00
##          7          7          7          7          7
## 2.724481e-01 2.089955e-01 -7.150310e+00 2.506092e-02 7.861855e-01
##          7          7          7          7          7
## 2.169978e-01 1.478710e+00 7.959498e-02 4.650457e-01 7.662293e-01
##          7          7          7          7          7
## 1.768210e+00 1.070321e+00 1.200216e+00 2.045501e+00 -7.576237e+00
##          7          7          7          7          7
## 1.821445e+00 -6.733679e+00 1.423798e+00 7.557016e-01 2.120879e+00
##          7          7          7          7          7
## 3.461200e+00 2.592078e-01 -2.890258e+00 -6.733679e+00 9.599237e-01
##          7          7          7          7          7
## -5.655264e-01 -6.013516e-01 -9.042464e-01 -2.210521e-01 -7.420792e+00
##          7          7          7          7          7
## -6.733679e+00 4.062254e-01 1.932631e+00 5.952117e-01 1.706348e-01
##          7          7          7          7          7
## 6.335480e-02 9.210978e-01 -4.301285e-02 4.051648e-01 8.726943e-01
##          7          7          7          7          7
## 1.781272e-01 -3.442271e-01 1.149640e+00 6.755623e-01 3.550503e-01
##          7          7          7          7          7
## -7.576237e+00 5.707586e-01 1.456288e+00 -4.844012e-01 1.020993e+00
##          7          7          7          7          7
## 1.442575e+00 7.285805e-01 -1.306948e-01 -7.129881e+00 1.344837e+00
##          7          7          7          7          7
## 6.949557e-01 -9.323344e-01 1.185996e-02 9.371579e-02 -1.034261e+00
##          7          7          7          7          7
## 1.155622e+00 1.399687e+00 -1.386496e+00 1.349576e-01 1.477075e+00
##          7          7          7          7          7
## 1.510772e-01 9.545120e-01 6.830669e-02 2.773018e-01 -8.651331e-01
##          7          7          7          7          7
## 5.277118e-01 2.362802e+00 1.733746e+00 -5.516195e-01 -2.890258e+00
##          7          7          7          7          7
## -1.595508e-01 2.747991e-01 1.574040e+00 3.509934e-01 2.110900e+00
##          7          7          7          7          7
## 3.977719e-01 2.141543e+00 5.628117e-01 6.167367e-01 8.829587e-01
##          7          7          7          7          7
## -1.722357e+00 -1.463107e+00 6.447078e-02 5.612069e-01 7.502352e-02
##          7          7          7          7          7
## -1.339169e+00 1.472625e+00 -1.745055e-01 1.372627e+00 -4.057772e-01
##          7          7          7          7          7
## 1.382691e+00 8.471966e-01 1.219616e+00 2.831553e-01 1.763983e+00
##          7          7          7          7          7
## 5.032029e-01 1.413456e+00 7.006060e-01 8.400476e-01 5.646436e-01
##          7          7          7          7          7
## 6.091724e-01 5.571218e-01 1.428238e+00 3.733465e-01 9.393723e-01
##          7          7          7          7          7
## 1.674120e+00 1.179564e+00 8.674670e-01 1.642534e+00 -2.890258e+00
##          7          7          7          7          7
## 1.118641e+00 -3.294952e-01 2.148817e+00 3.939836e-01 6.736195e-01
##          7          7          7          7          7
## 1.320098e+00 -6.347879e+00 1.838533e+00 4.042838e-01 -2.094920e-02
##          7          7          7          7          7
## 5.507043e-01 2.239537e+00 1.657999e+00 3.576676e-01 3.905910e-02

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##          7          7          7          7          7
## 1.848526e+00 2.277915e-01 2.726550e+00 5.399347e-01 2.536414e-01
##          7          7          7          7          7
## 7.369986e-01 4.879247e-01 1.260207e-01 1.408872e+00 7.021249e-01
##          7          7          7          7          7
## -6.750889e-01 1.312796e+00 1.377345e+00 -6.438349e-02 5.413604e-01
##          7          7          7          7          7
## 4.743410e-01 1.407090e-01 6.968051e-01 -6.809705e-01 -1.164497e+00
##          7          7          7          7          7
## 6.147763e-01 1.702258e+00 -2.890258e+00 6.238456e-01 9.225046e-01
##          7          7          7          7          7
## 2.193391e-01 6.398626e-01 -1.863151e-02 -2.890258e+00 -1.422082e-01
##          7          7          7          7          7
## 3.127481e-01 1.476301e+00 -2.890258e+00 5.534407e-01 1.870709e+00
##          7          7          7          7          7
## 1.058797e+00 7.405910e-01 -2.890258e+00 -6.733679e+00 -6.733679e+00
##          7          7          7          7          7
## 1.715796e+00 -1.781455e+00 2.521567e+00 1.911869e-01 -7.576237e+00
##          7          7          7          7          7
## 8.738254e-01 -1.454789e+00 1.484407e+00 2.634879e-01 1.295224e+00
##          7          7          7          7          7
## -2.890258e+00 1.425127e+00 8.280465e-01 8.478460e-01 -1.097922e+00
##          7          7          7          7          7
## 4.826954e-01 2.316698e-01 4.515726e-01 1.027400e+00 1.429627e+00
##          7          7          7          7          7
## 3.747193e-01 -7.149293e-01 -7.232573e+00 1.648308e+00 9.562095e-02
##          7          7          7          7          7
## 5.796124e-01 -7.007686e-01 8.999014e-01 6.004857e-01 3.348678e-01
##          7          7          7          7          7
## 7.273558e-01 -2.890258e+00 -2.890258e+00 1.280913e-01 -2.890258e+00
##          7          7          7          7          7
## 1.240932e+00 1.804870e+00 -9.969094e-01 1.467701e-01 1.307327e+00
##          7          7          7          7          7
## 8.718341e-01 1.795784e+00 1.000306e+00 1.301412e+00 -1.470600e-01
##          7          7          7          7          7
## 1.127518e+00 -8.902335e-01 1.630962e-01 1.462914e+00 6.402570e-01
##          7          7          7          7          7
## 1.118641e+00 -7.129039e-01 1.196643e+00 1.595893e+00 1.824039e+00
##          7          7          7          7          7
## 1.394891e-01 6.612195e-01 -2.890258e+00 -1.858493e-01 8.828291e-01
##          7          7          7          7          7
## 1.002189e+00 1.719814e+00 -5.770066e-01 -8.886080e-02 1.318965e+00
##          7          7          7          7          7
## -2.981844e-01 9.483232e-01 1.449845e+00 1.026434e+00 -4.487600e-01
##          7          7          7          7          7
## 5.033164e-01 6.045406e-01 5.100626e-01 1.557190e+00 -7.908617e-01
##          7          7          7          7          7
## 1.834641e+00 -7.883899e-02 1.013764e+00 3.689475e-01 -5.825838e-01
##          7          7          7          7          7
## -2.855271e-01 1.269828e+00 2.727825e-02 -6.733679e+00 3.299763e-01
##          7          7          7          7          7
## 1.376446e+00 2.459863e-01 1.075228e+00 7.671654e-02 7.519558e-01
##          7          7          7          7          7
## 1.331834e+00 8.739502e-01 1.258324e+00 7.064167e-01 7.228992e-01

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##          7          7          7          7          7
## 1.863406e+00 -5.243538e-01 1.342780e-01 -1.322238e-01 3.425822e-01
##          7          7          7          7          7
## 7.810740e-02 -7.840991e-01 -4.003945e-01 7.770161e-01 7.306754e-01
##          7          7          7          7          7
## -7.744416e-01 7.990907e-01 -2.890258e+00 6.173889e-01 1.278797e+00
##          7          7          7          7          7
## -1.813379e-01 1.535717e+00 -5.962353e-01 5.775685e-01 3.574929e-01
##          7          7          7          7          7
## -2.890258e+00 -2.890258e+00 1.735314e+00 1.038145e+00 -7.232573e+00
##          7          7          7          7          7
## 3.052003e+00 2.405849e-01 9.709005e-01 8.853983e-01 -6.942260e-02
##          7          7          7          7          7
## -5.108709e-02 1.851158e-01 1.676378e+00 -9.023498e-01 -8.874949e-01
##          7          7          7          7          7
## 6.852811e-01 -6.038792e-01 -2.890258e+00 4.401111e-01 4.256160e-01
##          7          7          7          7          7
## 1.321146e+00 1.538864e+00 4.110788e-01 -1.137566e+00 4.759207e-01
##          7          7          7          7          7
## 1.164654e+00 -8.059219e-01 5.735527e-01 1.192160e+00 -2.903092e-02
##          7          7          7          7          7
## 1.460065e-01 3.830990e-01 4.921133e-01 -2.890258e+00 8.180064e-01
##          7          7          7          7          7
## 1.397397e+00 -2.890258e+00 7.176613e-01 7.405910e-01 1.183375e+00
##          7          7          7          7          7
## 9.740772e-02 1.824149e-02 1.059542e+00 8.790216e-01 1.905289e+00
##          7          7          7          7          7
## -5.251744e-01 2.222814e+00 1.529364e+00 -6.733679e+00 4.300169e-01
##          7          7          7          7          7
## -1.592748e-01 -1.603564e+00 -1.110802e+00 7.138851e-01 -2.890258e+00
##          7          7          7          7          7
## 2.492358e+00 2.155938e-01 3.722544e-01 2.251360e+00 1.720243e-02
##          7          7          7          7          7
## 6.142987e-01 1.720752e+00 2.744202e-01 -4.084006e-01 -6.794323e-01
##          7          7          7          7          7
## -4.651719e-01 1.150859e-01 7.903424e-01 6.805032e-02 1.038953e+00
##          7          7          7          7          7
## -8.113345e-02 -7.232573e+00 -2.342105e-01 -4.645279e-01 -5.528012e-01
##          7          7          7          7          7
## 1.294230e-01 -2.890258e+00 2.742435e-01 -2.890258e+00 9.130831e-01
##          7          7          7          7          7
## 5.229217e-01 9.605252e-01 -2.890258e+00 5.116919e-01 2.821898e+00
##          7          7          7          7          7
## 7.439611e-01 1.222346e+00 -1.159535e+00 -1.533517e-02 -4.133512e-01
##          7          7          7          7          7
## -9.737099e-02 1.437043e+00 1.197476e+00 -1.301936e-01 -1.552888e+00
##          7          7          7          7          7
## 6.496084e-01 -1.385639e-01 5.925900e-01 1.193644e+00 1.236658e+00
##          7          7          7          7          7
## -2.890258e+00 3.655607e-01 1.357473e+00 2.065177e+00 7.090972e-01
##          7          7          7          7          7
## -1.400631e-01 8.909801e-01 -5.889509e-01 -5.554964e-01 -1.343368e+00
##          7          7          7          7          7
## 1.256025e+00 1.092112e+00 8.460754e-02 7.869539e-01 5.788953e-01

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##          7          7          7          7          7
## 1.909267e+00 1.552928e-01 1.644378e+00 1.225744e+00 3.696031e-01
##          7          7          7          7          7
## 3.244906e-01 -7.420792e+00 1.087059e+00 -2.890258e+00 1.147315e+00
##          7          7          7          7          7
## 1.091614e+00 8.304588e-01 3.071318e+00 1.198672e+00 -2.221285e-01
##          7          7          7          7          7
## 5.415885e-01 -2.699422e-01 -2.890258e+00 2.585735e+00 1.333376e+00
##          7          7          7          7          7
## 5.206724e-01 2.073064e-02 2.336828e-01 3.430617e-01 1.515767e+00
##          7          7          7          7          7
## 1.199889e+00 -2.890258e+00 -6.733679e+00 2.399134e-01 -7.649853e-01
##          7          7          7          7          7
## -5.099501e-01 -2.890258e+00 -3.157939e-01 -6.733679e+00 -6.733679e+00
##          7          7          7          7          7
## 6.836295e-01 9.602219e-01 1.080452e+00 -2.890258e+00 6.592123e-01
##          7          7          7          7          7
## 7.943474e-01 1.552654e+00 7.130847e-01 1.348678e+00 4.486218e-01
##          7          7          7          7          7
## -4.696836e-01 6.497694e-01 9.035456e-01 -9.540239e-03 -6.733679e+00
##          7          7          7          7          7
## 1.345569e+00 3.307277e-01 -7.150310e+00 1.292198e+00 1.803475e+00
##          7          7          7          7          7
## 7.538201e-02 1.373255e+00 1.022950e+00 1.028109e+00 -2.021083e-01
##          7          7          7          7          7
## 1.647886e+00 5.102634e-01 -5.337077e-01 6.210028e-01 1.759026e+00
##          7          7          7          7          7
## 7.771001e-01 -6.733679e+00 6.583684e-01 1.583542e+00 -3.358569e-01
##          7          7          7          7          7
## 1.212897e+00 1.318419e+00 1.865270e+00 1.401182e+00 1.467154e+00
##          7          7          7          7          7
## 1.538362e+00 1.216401e+00 1.620768e+00 -1.231990e-01 1.673781e-02
##          7          7          7          7          7
## 8.486379e-01 -6.624072e-02 1.263569e+00 -9.795574e-02 -2.890258e+00
##          7          7          7          7          7
## 1.805189e+00 1.151762e+00 1.372627e+00 9.697106e-01 1.481214e+00
##          7          7          7          7          7
## 1.174063e+00 1.110021e+00 2.826593e-01 -5.984452e-02 -2.890258e+00
##          7          7          7          7          7
## -2.890258e+00 9.909632e-01 1.539703e+00 -1.532972e-02 -4.801180e-01
##          7          7          7          7          7
## 1.245309e+00 -2.867036e-01 1.340873e+00 1.326430e+00 1.349837e+00
##          7          7          7          7          7
## -7.420792e+00 1.238019e+00 -8.795225e-01 1.301936e+00 -2.890258e+00
##          7          7          7          7          7
## 1.114995e+00 1.657142e+00 -6.733679e+00 1.812451e+00 -1.429855e+00
##          7          7          7          7          7
## 9.721821e-01 2.438534e-01 -1.171940e-01 -7.129881e+00 -1.737545e-01
##          7          7          7          7          7
## 2.026345e+00 1.621296e+00 2.052156e-01 -2.890258e+00 1.510535e+00
##          7          7          7          7          7
## 2.727779e+00 1.282827e+00 -6.733679e+00 2.425579e-01 -2.890258e+00
##          7          7          7          7          7
## 7.885901e-01 4.003047e-01 -3.898718e-01 7.367647e-01 -7.694801e-01

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##          7          7          7          7          7
## 1.007457e+00 5.953498e-01 -5.495796e-01 1.141163e+00 1.642166e-01
##          7          7          7          7          7
## -8.332456e-01 -1.528089e-01 9.797195e-01 1.350974e-01 9.943612e-01
##          7          7          7          7          7
## 8.884841e-01 1.649402e-01 5.540702e-01 2.164061e-01 4.886608e+00
##          7          7          7          7          7
## 2.460744e+00 -1.208485e-01 8.876263e-01 -6.389778e-01 1.751436e-01
##          7          7          7          7          7
## 1.631144e-01 5.302073e-01 6.171203e-01 1.870557e+00 5.710249e-01
##          7          7          7          7          7
## -7.291327e+00 -8.677830e-02 1.003861e+00 -7.237787e-01 4.781796e-01
##          7          7          7          7          7
## 1.520292e+00 5.713248e-01 -1.670007e-01 -2.890258e+00 3.037872e+00
##          7          7          7          7          7
## 3.140333e-01 4.194812e-01 -5.522438e-02 9.336856e-01 1.023825e+00
##          7          7          7          7          7
## 8.266020e-01 -2.890258e+00 1.278533e-01 3.968370e-01 1.485643e+00
##          7          7          7          7          7
## -4.631466e-01 -1.298562e+00 1.532803e+00 -1.326215e-01 -1.227345e-01
##          7          7          7          7          7
## -3.670595e-02 6.781664e-01 5.096069e-01 8.383503e-01 6.431708e-01
##          7          7          7          7          7
## 1.303141e+00 1.112100e+00 1.149963e+00 -2.059973e-01 8.207974e-02
##          7          7          7          7          7
## 2.189713e+00 5.902490e-01 1.576079e-01 1.679376e+00 6.025507e-01
##          7          7          7          7          7
## 1.304012e+00 -4.222102e-01 -7.685674e-02 -1.551703e-02 5.622784e-01
##          7          7          7          7          7
## -2.890258e+00 2.121751e-01 -2.153346e-01 -6.995484e-02 6.301433e-01
##          7          7          7          7          7
## -4.538299e-01 1.097034e+00 -7.586670e-01 7.775360e-01 5.236011e-01
##          7          7          7          7          7
## 1.151732e+00 1.217104e+00 1.569437e+00 9.405293e-03 4.323249e-01
##          7          7          7          7          7
## -9.883930e-01 -8.830302e-01 5.919462e-02 1.582923e+00 -1.299065e+00
##          7          7          7          7          7
## 4.686023e-01 -1.670949e-01 9.853210e-01 -2.890258e+00 4.371375e-01
##          7          7          7          7          7
## 1.239675e+00 4.070162e-01 1.439849e+00 1.810256e+00 -7.291327e+00
##          7          7          7          7          7
## 1.746309e-01 1.539821e-01 6.249142e-01 -6.882281e-01 1.240082e+00
##          7          7          7          7          7
## 1.109704e+00 -1.914368e-01 -7.150310e+00 7.408246e-02 2.859021e-01
##          7          7          7          7          7
## 2.127978e+00 7.197259e-01 6.022783e-02 8.121787e-01 -2.890258e+00
##          7          7          7          7          7
## -8.636560e-01 -3.857895e-01 -1.564069e+00 -3.888796e-01 1.179966e+00
##          7          7          7          7          7
## 4.580829e-01 2.706661e-02 1.696623e+00 -7.380414e-02 9.360090e-01
##          7          7          7          7          7
## 6.339654e-01 4.819713e-01 1.217426e+00 1.159287e+00 1.072135e+00
##          7          7          7          7          7
## 3.618695e-01 -1.127719e+00 1.432261e+00 6.735462e-01 5.208008e-01

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##          7          7          7          7          7
## -2.721180e-01 1.091497e+00 1.576253e-01 -1.006841e+00 4.641766e-01
##          7          7          7          7          7
## 4.638409e-01 1.152987e+00 1.198484e+00 -2.890258e+00 7.455703e-01
##          7          7          7          7          7
## 3.720196e-02 5.943752e-01 8.498921e-01 2.727805e-01 -2.890258e+00
##          7          7          7          7          7
## 1.398881e-01 2.402823e-02 2.116802e+00 -2.586027e-01 -7.601355e-01
##          7          7          7          7          7
## 4.485064e-01 4.080615e-01 -6.744696e-02 4.151701e-01 -7.129881e+00
##          7          7          7          7          7
## 1.896057e+00 -5.394065e-01 7.910276e-01 1.179966e+00 3.949452e-01
##          7          7          7          7          7
## 1.394282e+00 1.176836e+00 -7.576237e+00 1.547290e+00 6.073136e-01
##          7          7          7          7          7
## 6.734130e-02 7.858785e-01 1.204452e+00 5.621671e-01 -7.150310e+00
##          7          7          7          7          7
## 9.967078e-01 1.837810e+00 2.535232e-01 -6.733679e+00 9.389413e-01
##          7          7          7          7          7
## 2.897595e-01 1.986141e+00 1.040213e+00 4.349373e-01 -6.733679e+00
##          7          7          7          7          7
## 1.710214e+00 1.084710e-01 2.638241e-01 1.961900e+00 -6.786046e-02
##          7          7          7          7          7
## 1.908616e+00 1.150471e+00 2.400845e-01 -4.370652e-02 -9.871500e-01
##          7          7          7          7          7
## -1.354131e+00 9.920946e-01 -2.117574e-01 -2.890258e+00 1.198279e+00
##          7          7          7          7          7
## -3.547149e-01 -7.291327e+00 6.309304e-01 1.638714e+00 -9.781026e-01
##          7          7          7          7          7
## 3.457069e-01 2.104850e+00 8.718341e-01 -6.895872e-02 -2.605487e-01
##          7          7          7          7          7
## 9.698222e-01 -2.890258e+00 1.131269e+00 1.224458e+00 6.730863e-01
##          7          7          7          7          7
## 1.126362e+00 1.299429e-01 9.614152e-01 1.315236e+00 1.169229e+00
##          7          7          7          7          7
## 1.274845e+00 1.124827e+00 4.254251e-01 -1.920697e-01 8.576783e-01
##          7          7          7          7          7
## 7.411578e-01 2.882136e-01 2.254104e-01 1.719663e+00 1.903907e+00
##          7          7          7          7          7
## 1.685299e+00 1.974410e+00 5.937904e-01 6.924013e-01 -6.347879e+00
##          7          7          7          7          7
## 4.317012e-01 8.845218e-01 -8.766297e-01 1.313824e+00 9.166919e-01
##          7          7          7          7          7
## 2.193509e-01 3.378237e-01 7.136271e-01 1.547707e+00 4.220367e-01
##          7          7          7          7          7
## 1.248192e+00 -9.025311e-01 1.513001e+00 7.634179e-01 9.175894e-01
##          7          7          7          7          7
## -7.129881e+00 1.090767e+00 1.480848e+00 9.538923e-01 2.930391e+00
##          7          7          7          7          7
## -7.420792e+00 4.176924e-01 1.596578e-01 -7.150310e+00 -7.100632e-03
##          7          7          7          7          7
## 1.812451e+00 1.926196e+00 4.111945e-01 1.442204e+00 1.552654e+00
##          7          7          7          7          7
## -2.890258e+00 8.891001e-01 1.592103e+00 -2.890258e+00 9.108428e-01

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##          7          7          7          7          7
## 1.047556e+00 1.341744e+00 1.067673e+00 6.598086e-01 1.041926e+00
##          7          7          7          7          7
## -1.728634e-01 7.603562e-01 8.170558e-01 6.558656e-01 -7.000412e-01
##          7          7          7          7          7
## 1.603573e-01 4.607222e-01 9.740085e-01 2.220354e+00 -7.129881e+00
##          7          7          7          7          7
## 4.421311e-02 1.258138e+00 5.872518e-01 4.013514e+00 5.134107e-02
##          7          7          7          7          7
## -2.890258e+00 1.196934e+00 -8.657709e-02 -2.890258e+00 1.266843e+00
##          7          7          7          7          7
## 6.381306e-01 -2.316946e-01 -6.733679e+00 1.560017e+00 -4.594280e-01
##          7          7          7          7          7
## -9.311619e-02 -1.683338e-01 3.247463e-01 -6.733679e+00 2.065214e-01
##          7          7          7          7          7
## 1.781734e-01 1.536910e+00 8.023569e-01 -1.201965e+00 -7.129881e+00
##          7          7          7          7          7
## 1.611477e+00 6.723216e-02 1.747521e+00 -2.094859e-01 -2.265134e-01
##          7          7          7          7          7
## -2.890258e+00 3.684821e-01 -3.175635e-01 1.259806e+00 2.235350e+00
##          7          7          7          7          7
## -6.733679e+00 -4.830654e-01 8.497005e-01 1.036890e-01 1.219653e+00
##          7          7          7          7          7
## 9.297271e-02 3.899839e-01 -2.890258e+00 2.156463e+00 -2.890258e+00
##          7          7          7          7          7
## 2.431729e+00 -7.420792e+00 1.108900e+00 8.902508e-01 1.690993e-01
##          7          7          7          7          7
## 1.142040e+00 4.869956e-01 -9.415011e-01 4.109529e-01 -4.019317e-01
##          7          7          7          7          7
## -1.810376e-01 3.856066e-01 1.144621e+00 1.692978e+00 -3.641918e-01
##          7          7          7          7          7
## 1.171186e+00 7.946236e-01 1.612909e+00 2.649142e-01 -2.890258e+00
##          7          7          7          7          7
## 7.362498e-01 -7.420792e+00 1.094957e+00 -7.129881e+00 -1.468452e-01
##          7          7          7          7          7
## -3.512661e-01 -3.760004e-02 7.131341e-01 -4.207460e-01 -1.568926e+00
##          7          7          7          7          7
## -3.982479e-01 -8.940686e-03 -1.841364e+00 1.040858e+00 2.419035e+00
##          7          7          7          7          7
## 1.546024e-01 1.782049e+00 3.863120e-01 -5.022139e-01 1.778062e+00
##          7          7          7          7          7
## 6.737660e-01 5.202898e-01 -2.566981e-02 1.110961e+00 5.116296e-01
##          7          7          7          7          7
## 2.106722e+00 1.010757e+00 -7.232573e+00 1.603949e-02 -1.461199e+00
##          7          7          7          7          7
## -2.542048e-01 1.498470e+00 5.371773e-01 -7.129881e+00 -3.265857e-01
##          7          7          7          7          7
## 4.991447e-01 1.147315e+00 -5.355575e-01 9.106186e-02 1.865082e-01
##          7          7          7          7          7
## -2.890258e+00 -6.803855e-01 1.673147e+00 -2.890258e+00 3.571436e-01
##          7          7          7          7          7
## -2.890258e+00 -3.147875e-01 1.561956e+00 1.326292e+00 9.307384e-01
##          7          7          7          7          7
## 1.177163e+00 1.268254e+00 -1.885572e-01 1.224862e+00 1.615728e+00

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##          7          7          7          7          7
## 5.320226e-01 7.367647e-01 2.485028e-01 1.000050e+00 3.636457e-01
##          7          7          7          7          7
## 1.149834e-01 -2.890258e+00 1.008760e+00 1.357464e+00 9.892686e-01
##          7          7          7          7          7
## 8.746628e-01 1.042592e+00 5.138187e-01 1.119679e+00 9.689059e-01
##          7          7          7          7          7
## 1.337658e+00 2.509042e-01 4.601916e-01 2.113438e-01 -6.325164e-01
##          7          7          7          7          7
## 2.225593e-01 6.970672e-01 9.424105e-01 1.335941e+00 1.574925e-01
##          7          7          7          7          7
## -2.890258e+00 1.024826e-01 4.325884e-02 1.108593e+00 7.788254e-01
##          7          7          7          7          7
## 9.697284e-01 1.205039e-01 7.118497e-01 1.651351e-01 9.892871e-01
##          7          7          7          7          7
## 5.144382e-01 2.768848e-01 1.361606e+00 -1.758422e-01 1.355290e+00
##          7          7          7          7          7
## 1.689661e+00 -1.231990e-01 -8.181319e-01 -6.733679e+00 3.762619e-01
##          7          7          7          7          7
## 2.185755e+00 4.096882e-01 3.909695e-01 1.764309e+00 4.212118e-01
##          7          7          7          7          7
## 1.323378e+00 -6.733679e+00 -1.803441e-01 -9.642478e-01 9.210978e-01
##          7          7          7          7          7
## 1.879413e-01 9.411561e-01 -3.643217e-01 2.302534e-01 1.432017e+00
##          7          7          7          7          7
## 1.086653e+00 8.007388e-01 1.395966e+00 -6.733679e+00 9.351871e-01
##          7          7          7          7          7
## -7.232573e+00 8.386457e-01 -7.822465e-01 1.677998e+00 1.742992e+00
##          7          7          7          7          7
## 8.523786e-01 -1.415641e-01 1.494850e+00 1.740979e-01 1.249704e+00
##          7          7          7          7          7
## 7.053117e-01 7.630497e-02 -2.890258e+00 -1.173198e-01 4.837322e-02
##          7          7          7          7          7
## -4.461727e-02 1.556697e+00 -8.564314e-01 7.599165e-01 6.686503e-01
##          7          7          7          7          7
## 5.835180e-01 4.313601e-01 1.952743e+00 -1.254190e-01 -5.173961e-01
##          7          7          7          7          7
## -4.388090e-01 2.595662e-01 -2.833990e-01 6.699198e-01 -1.490948e+00
##          7          7          7          7          7
## 2.896899e-01 -1.360154e-01 9.542337e-02 7.372322e-01 -2.267938e-01
##          7          7          7          7          7
## 5.790444e-02 2.237771e+00 1.704083e+00 -6.751737e-01 -1.511917e+00
##          7          7          7          7          7
## 9.537028e-02 1.413395e+00 -7.576237e+00 4.608279e-01 1.744564e+00
##          7          7          7          7          7
## 1.095926e+00 6.747328e-01 -5.514761e-01 -7.576237e+00 -2.890258e+00
##          7          7          7          7          7
## 7.715956e-01 5.300241e-01 3.203507e+00 2.942096e-01 7.527977e-01
##          7          7          7          7          7
## 2.249648e+00 -1.082178e+00 -7.576237e+00 -5.507837e-02 -2.890258e+00
##          7          7          7          7          7
## -5.457958e-02 1.047768e+00 3.582527e-01 -3.813814e-01 1.902433e+00
##          7          7          7          7          7
## 4.935134e-01 1.289644e-01 -7.129881e+00 4.921547e-01 -9.382100e-03

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##          7          7          7          7          7
## -2.890258e+00 8.965274e-01 1.330172e-01 1.197013e+00 -2.890258e+00
##          7          7          7          7          7
## 4.040269e-01 8.356117e-01 -8.519770e-01 1.254869e+00 -5.797996e-01
##          7          7          7          7          7
## 1.151732e+00 1.055248e+00 1.611901e+00 3.100750e-01 7.337454e-01
##          7          7          7          7          7
## -1.236161e-02 1.041178e+00 -1.006763e-01 -6.122349e-01 -2.890258e+00
##          7          7          7          7          7
## 1.149584e+00 -9.510205e-01 9.463899e-01 1.964803e+00 -9.499593e-01
##          7          7          7          7          7
## -2.890258e+00 3.165929e-01 -6.733679e+00 -2.070412e-01 1.291179e+00
##          7          7          7          7          7
## 5.140242e-01 -2.777210e-01 6.284924e-01 -1.297565e+00 9.440070e-01
##          7          7          7          7          7
## -2.890258e+00 7.973010e-01 1.266520e+00 1.779972e+00 1.998354e-01
##          7          7          7          7          7
## 1.265592e+00 2.458797e+00 4.385536e-01 1.412240e+00 7.322282e-01
##          7          7          7          7          7
## 6.226884e-01 1.816400e+00 -4.436554e-01 -5.994267e-01 1.353336e+00
##          7          7          7          7          7
## -1.530552e+00 -1.353464e+00 1.186291e+00 4.334129e-01 2.016492e-01
##          7          7          7          7          7
## 2.873470e-01 -6.733679e+00 -3.652857e-01 1.495930e+00 -6.733679e+00
##          7          7          7          7          7
## -1.601283e-01 2.346666e+00 -6.733679e+00 -7.420792e+00 1.223245e+00
##          7          7          7          7          7
## -7.085823e-01 6.474360e-01 4.930750e-01 -2.890258e+00 1.826845e+00
##          7          7          7          7          7
## 5.175429e-01 1.761468e+00 1.599880e+00 1.139413e+00 -5.065372e-01
##          7          7          7          7          7
## -7.759130e-01 -3.710493e-01 -6.733679e+00 -7.588383e-01 8.954871e-01
##          7          7          7          7          7
## 1.795820e+00 -2.890258e+00 2.586889e-01 5.993776e-01 1.074236e+00
##          7          7          7          7          7
## -7.576237e+00 -9.841488e-01 -2.890258e+00 4.074587e-01 -1.029028e+00
##          7          7          7          7          7
## 6.045808e-01 8.644016e-01 3.431967e-01 -2.612722e-01 2.994822e-01
##          7          7          7          7          7
## 2.462168e-01 4.988791e-01 2.061133e-01 -2.890258e+00 2.069233e+00
##          7          7          7          7          7
## -6.733679e+00 5.657871e-01 -3.086770e-01 -5.143368e-01 5.817647e-01
##          7          7          7          7          7
## -6.645394e-02 -6.445788e-02 -7.420792e+00 -1.423057e-01 3.283642e-01
##          7          7          7          7          7
## 3.922101e-01 -3.766724e-01 1.088821e+00 6.712122e-01 1.557968e-01
##          7          7          7          7          7
## 1.956548e+00 -2.890258e+00 -2.747644e-01 1.799727e+00 -1.781903e-01
##          7          7          7          7          7
## 1.408987e+00 1.507794e+00 1.629311e+00 -3.901132e-04 -1.252052e-02
##          7          7          7          7          7
## 1.418291e+00 8.697890e-01 7.420387e-01 -2.890258e+00 -2.890258e+00
##          7          7          7          7          7
## 6.557110e-01 1.374720e-02 1.316345e+00 3.031028e-01 1.403073e+00

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##          7          7          7          7          7
## -3.392580e-01  9.163585e-01  1.326405e+00  1.184106e+00  6.983206e-01
##          7          7          7          7          7
##  3.162447e-01  5.451325e-01  1.401401e+00  5.917664e-01  8.632504e-01
##          7          7          7          7          7
##  3.470079e-02  1.543300e+00  6.159250e-01  1.714306e+00 -7.129881e+00
##          7          7          7          7          7
##  3.176588e-01 -1.422954e-02  5.838907e-01 -1.046891e+00  1.067058e+00
##          7          7          7          7          7
##  1.274598e+00  1.352169e-01  1.381083e-01 -2.499451e-02  1.565297e+00
##          7          7          7          7          7
##  1.054189e+00  1.180199e+00  2.858127e+00  1.776064e-01  3.272804e-01
##          7          7          7          7          7
## -4.249500e-01  1.371732e+00 -2.890258e+00  1.033701e+00  6.478549e-01
##          7          7          7          7          7
##  1.792382e+00  1.611521e+00  1.192504e+00  2.605679e-01  3.651605e-01
##          7          7          7          7          7
##  1.738511e+00  2.054064e-01  8.170558e-01  2.114388e+00 -8.545856e-01
##          7          7          7          7          7
##  8.401218e-01 -3.405410e-01 -2.178498e-01  1.307201e+00 -2.890258e+00
##          7          7          7          7          7
##  1.197784e+00 -4.560150e-02  1.064866e+00  1.539018e+00  8.076000e-01
##          7          7          7          7          7
##  1.611865e-01  2.754304e+00  8.963787e-01  1.494047e-01  6.577141e-01
##          7          7          7          7          7
##  9.691593e-01  1.695908e-01  1.157059e+00  1.421831e+00  1.160102e+00
##          7          7          7          7          7
##  1.938392e+00 -3.283728e-02  8.110549e-01 -7.420792e+00  2.249651e+00
##          7          7          7          7          7
## -4.458550e-02 -2.890258e+00 -1.405931e+00  8.931416e-01  1.180426e+00
##          7          7          7          7          7
##  1.223196e+00  4.193917e-01  1.048021e-01 -4.241518e-01  1.443757e+00
##          7          7          7          7          7
##  1.503522e-01 -6.771113e-01 -1.138824e-01  1.603573e-01  1.932037e+00
##          7          7          7          7          7
## -2.806048e-01 -2.890258e+00  1.018499e+00 -4.297115e-01  1.254760e+00
##          7          7          7          7          7
##  2.902823e-01  1.003856e+00  4.132822e-01  4.427854e-01 -6.733679e+00
##          7          7          7          7          7
## -2.890258e+00  8.359783e-02  2.323199e+00 -1.871360e-01  4.666563e-01
##          7          7          7          7          7
## -3.308033e-01 -2.112314e-02  1.196087e+00  5.923149e-01 -7.150310e+00
##          7          7          7          7          7
##  6.689919e-01  4.187613e-01 -2.359997e-01 -1.087365e+00  3.159166e+00
##          7          7          7          7          7
##  3.185402e-01  1.442180e+00  5.661899e-01  1.609099e+00 -1.147616e+00
##          7          7          7          7          7
## -4.904705e-01  7.275919e-01  1.471886e+00  4.324932e-01  9.259942e-01
##          7          7          7          7          7
## -6.733679e+00  1.341066e+00 -7.576237e+00  3.270660e-01  1.565788e-01
##          7          7          7          7          7
##  1.603306e+00 -2.223913e-01 -3.067315e-01  1.702641e+00  8.420682e-01
##          7          7          7          7          7
## -3.640239e-01 -2.890258e+00 -6.058659e-01  2.584551e+00 -1.533643e-01

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##          7          7          7          7          7
##  1.548043e+00 -1.588551e-01  1.114794e+00  7.663914e-01  1.289237e+00
##          7          7          7          7          7
## -1.047437e-01  2.350302e+00  2.095973e+00  7.481811e-01  5.262898e-01
##          7          7          7          7          7
##  7.435223e-01  5.852691e-01  2.480034e+00  5.688674e-01  2.173548e+00
##          7          7          7          7          7
##  4.176746e-01  9.922450e-01  1.669294e+00 -1.448450e+00  1.376919e+00
##          7          7          7          7          7
##  1.524835e+00  1.552626e+00  1.272522e+00  9.804824e-01  2.035088e-01
##          7          7          7          7          7
##  3.226072e-01  9.899530e-01  1.102076e+00  4.356495e-01  1.103225e+00
##          7          7          7          7          7
## -1.535820e+00  1.267555e+00  6.657843e-01 -3.495652e-01  1.063164e+00
##          7          7          7          7          7
##  1.426608e+00  1.285198e-01  8.683997e-01  1.126491e+00 -7.420792e+00
##          7          7          7          7          7
## -1.243532e+00 -1.291936e-01  7.782929e-01  1.093269e+00  9.703716e-01
##          7          7          7          7          7
## -8.335028e-01  7.779294e-03  1.291465e+00  1.380649e+00  1.455567e+00
##          7          7          7          7          7
##  4.872084e-01 -9.716910e-01  3.970447e-01  1.615415e+00  8.096519e-01
##          7          7          7          7          7
## -4.357570e-01  8.401218e-01  1.038701e+00 -2.890258e+00  8.424302e-01
##          7          7          7          7          7
##  5.129018e-02  2.042952e-01  4.505881e-01  1.612301e+00  1.189674e+00
##          7          7          7          7          7
## -1.314252e-02 -1.182001e-01  9.288598e-01  5.541636e-01  1.380573e+00
##          7          7          7          7          7
##  7.213639e-01  2.678715e+00  1.281675e+00  1.658647e-03 -7.291327e+00
##          7          7          7          7          7
##  1.117357e+00  1.866021e+00  2.188206e-01  1.917220e+00  1.372249e-01
##          7          7          7          7          7
##  1.038701e+00 -5.844730e-01 -2.890258e+00  2.873240e+00  1.509180e+00
##          7          7          7          7          7
##  1.465883e-01  1.093700e-01  3.739641e-01 -2.890258e+00  1.204933e+00
##          7          7          7          7          7
##  9.791476e-01  1.609324e+00 -2.890258e+00 -2.890258e+00  6.444625e-01
##          7          7          7          7          7
##  1.721274e+00 -1.909554e-01  1.292810e+00  1.267535e+00  1.525519e+00
##          7          7          7          7          7
## -5.323615e-01 -6.733679e+00  1.092543e-01  2.261673e-01  4.276807e-01
##          7          7          7          7          7
##  9.558378e-01  1.335941e+00 -3.288006e-01  9.188790e-01 -3.386637e-01
##          7          7          7          7          7
## -5.052428e-02 -7.420792e+00 -4.438411e-01  2.736268e-01  2.400845e-01
##          7          7          7          7          7
## -2.890258e+00  1.619477e+00  1.056490e+00  3.736232e-01 -2.890258e+00
##          7          7          7          7          7
##  1.692978e+00 -8.252046e-01  1.040907e+00  7.414783e-01  1.448512e+00
##          7          7          7          7          7
## -1.048368e+00 -1.186369e-01  7.407617e-01  7.804511e-01 -1.879682e-01
##          7          7          7          7          7
## -3.507826e-01  1.061889e+00  7.030350e-01 -1.850094e+00  2.377678e-01

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##          7          7          7          7          7
## -1.305900e-02 -2.890258e+00 4.193389e-01 5.993776e-01 1.550672e+00
##          7          7          7          7          7
## -5.411113e-01 -2.890258e+00 1.607700e+00 3.004595e-01 -7.420792e+00
##          7          7          7          7          7
## 2.838221e-01 -2.692212e-01 7.630851e-01 -6.733679e+00 -7.420792e+00
##          7          7          7          7          7
## 7.454792e-01 3.600390e-01 5.431649e-01 9.138582e-01 -3.654434e-01
##          7          7          7          7          7
## 1.020550e+00 5.895621e-02 8.977940e-01 1.370093e+00 -3.654093e-01
##          7          7          7          7          7
## 1.539099e+00 -1.055576e+00 1.120651e-01 7.402776e-01 -1.265335e+00
##          7          7          7          7          7
## 1.172748e+00 5.060009e-01 8.209315e-01 -6.543124e-01 2.231688e-01
##          7          7          7          7          7
## -5.044725e-01 -2.803814e-01 -2.890258e+00 1.247216e-01 8.537097e-01
##          7          7          7          7          7
## 3.472519e-02 9.179397e-01 1.029390e+00 -3.344792e-01 1.307602e+00
##          7          7          7          7          7
## 1.143356e+00 9.687998e-01 1.176350e+00 7.081147e-01 -7.471229e-01
##          7          7          7          7          7
## 2.985475e-01 -2.144787e-01 1.052311e+00 -2.890258e+00 8.356706e-02
##          7          7          7          7          7
## 1.550672e+00 1.368887e-01 1.456991e+00 6.867806e-02 8.582498e-01
##          7          7          7          7          7
## 5.598828e-02 -1.518269e-01 1.980383e-03 1.502547e+00 4.100125e-01
##          7          7          7          7          7
## -3.037677e-02 -1.577786e-01 9.521181e-01 -2.899514e-01 1.171715e+00
##          7          7          7          7          7
## 1.838511e+00 6.454612e-01 2.429219e-01 9.699850e-01 3.418787e-01
##          7          7          7          7          7
## -6.484093e-02 1.177938e+00 5.022248e-01 6.900392e-01 8.439560e-01
##          7          7          7          7          7
## 8.488245e-01 5.928252e-01 1.615697e+00 4.627432e-01 -2.466287e-02
##          7          7          7          7          7
## 1.552654e+00 5.215073e-01 4.433154e-01 2.358102e+00 -4.896994e-01
##          7          7          7          7          7
## -1.043041e+00 1.243927e+00 1.686874e-01 1.572145e+00 2.316052e+00
##          7          7          7          7          7
## 1.030977e-02 -4.954805e-01 -1.771337e+00 -5.571751e-01 1.587240e-01
##          7          7          7          7          7
## 1.275995e+00 1.331691e+00 8.146062e-01 -7.129881e+00 3.059164e-01
##          7          7          7          7          7
## 7.496034e-01 -1.986896e-01 6.996966e-02 -7.150310e+00 -2.794893e-01
##          7          7          7          7          7
## 4.607328e-01 -4.528601e-02 1.415039e+00 1.328629e-01 2.014335e+00
##          7          7          7          7          7
## -1.620348e-01 5.925397e-01 1.256908e+00 -1.354489e-01 2.113414e-01
##          7          7          7          7          7
## 4.083232e-01 -7.400665e-01 1.106434e+00 -7.420792e+00 1.800552e+00
##          7          7          7          7          7
## -8.443012e-01 3.073407e-01 4.241064e-01 1.186052e+00 -8.752575e-01
##          7          7          7          7          7
## -2.890258e+00 7.972115e-01 1.009797e+00 6.272684e-01 4.242213e-02

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##          7          7          7          7          7
## -1.046192e+00  9.911965e-02  1.629534e+00  1.195155e+00  2.139266e+00
##          7          7          7          7          7
##  1.694334e-01 -3.653684e-01  1.212252e+00 -1.320243e+00  4.505719e-01
##          7          7          7          7          7
##  1.028297e-01 -1.191905e-01 -2.890258e+00  1.018800e+00  8.362403e-01
##          7          7          7          7          7
##  9.514169e-02  8.368213e-01  3.701000e-01  1.442572e+00 -2.890258e+00
##          7          7          7          7          7
##  2.776243e-01 -1.193197e-01  1.266049e-01 -1.147431e+00  9.578932e-01
##          7          7          7          7          7
##  7.125140e-01 -1.382709e+00 -2.601435e-01  7.455703e-01  1.105740e-01
##          7          7          7          7          7
##  8.094345e-01 -8.720809e-01  2.577307e-01 -4.262067e-01 -1.010308e+00
##          7          7          7          7          7
##  4.778323e-02  1.482197e+00  1.378349e+00  1.580831e+00  7.806737e-01
##          7          7          7          7          7
## -4.245091e-01 -1.085639e+00  2.661541e-01  1.818960e+00  2.943094e-01
##          7          7          7          7          7
##  9.854851e-01  3.576580e-01  2.391356e-01  2.436812e+00  1.150247e+00
##          7          7          7          7          7
##  1.886301e-01  1.682885e+00  1.978776e-01 -7.122050e-01  1.054771e+00
##          7          7          7          7          7
## -1.537278e+00 -3.355083e-01 -2.890258e+00 -7.898655e-01 -1.379068e-01
##          7          7          7          7          7
##  3.099763e-01  1.205518e+00  5.451301e-01  2.822577e-01  6.394809e-01
##          7          7          7          7          7
##  7.881224e-01  3.903654e-01  1.627713e+00  7.925405e-01  1.066084e+00
##          7          7          7          7          7
## -2.434087e-01  7.059215e-01  1.618518e+00 -5.286231e-02 -7.291327e+00
##          7          7          7          7          7
## -2.868869e-01  2.918268e+00  4.879107e-02 -1.033514e+00 -5.070568e-01
##          7          7          7          7          7
## -1.878289e-01  1.835064e-01  8.394738e-01 -2.721924e-01  4.254251e-01
##          7          7          7          7          7
##  2.968551e-01  3.211304e-01  4.105879e-01 -1.799361e-01  3.397950e-03
##          7          7          7          7          7
## -4.146653e-01  3.135077e-01  2.195326e-01  7.156101e-01  6.433103e-01
##          7          7          7          7          7
##  7.008983e-01 -4.989997e-01 -7.747718e-02  1.072593e+00  8.251944e-01
##          7          7          7          7          7
##  2.887157e-01  3.831425e-01 -6.733679e+00  1.085446e+00  2.753132e-01
##          7          7          7          7          7
## -2.890258e+00 -2.318577e+00 -6.733679e+00  2.681320e+00 -7.972184e-01
##          7          7          7          7          7
## -5.329831e-01  5.385759e-02  6.790671e-01 -5.200109e-01 -7.813232e-01
##          7          7          7          7          7
## -1.029551e+00  3.678168e-01  6.160830e-01 -2.229425e-01  2.379543e-01
##          7          7          7          7          7
## -4.154463e-01 -2.890258e+00  1.463781e+00  5.513591e-01  1.693735e-01
##          7          7          7          7          7
##  2.853441e-01  4.528017e-01  1.129737e-01 -2.192245e+00  1.015492e+00
##          7          7          7          7          7
## -1.109856e+00 -4.185449e-01  7.676060e-02  1.637840e+00  5.450599e-01

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##          7          7          7          7          7
## -1.219538e-01  1.355106e+00  2.849952e-01 -9.614867e-01  1.725309e-03
##          7          7          7          7          7
## -6.733679e+00 -6.630954e-01 -2.890258e+00 -5.357861e-03  3.113407e-01
##          7          7          7          7          7
##  2.217842e+00  6.306081e-01 -2.076351e+00  5.545570e-01 -1.305800e-01
##          7          7          7          7          7
## -8.222088e-01  8.082508e-01  6.804213e-01 -6.759607e-02  1.081378e+00
##          7          7          7          7          7
##  1.306981e+00  1.698396e+00  8.949779e-01 -2.890258e+00 -3.253292e-03
##          7          7          7          7          7
## -1.728634e-01  2.246239e+00  1.777808e+00  7.053998e-01  1.659627e+00
##          7          7          7          7          7
##  2.107832e+00 -1.113037e+00  2.527984e-01  5.543333e-01 -5.404405e-02
##          7          7          7          7          7
##  5.271389e-01  1.905858e+00  6.828209e-01  1.416954e+00  1.198091e+00
##          7          7          7          7          7
## -1.681173e-01  1.091236e+00 -1.266948e-01  8.932096e-01  7.257852e-01
##          7          7          7          7          7
##  9.590402e-01 -5.688474e-01  1.709086e+00 -2.391378e-01 -1.255470e-01
##          7          7          7          7          7
## -4.719412e-02 -3.717751e-01  6.924196e-01 -1.308081e+00 -1.016571e-01
##          7          7          7          7          7
## -2.795297e-01  5.406438e-01 -1.872579e-01 -5.931392e-01 -1.656491e+00
##          7          7          7          7          7
## -5.191691e-01  8.677230e-01 -7.291327e+00  4.579709e-01  8.781182e-01
##          7          7          7          7          7
##  2.118631e-02  6.542994e-01  6.147763e-01  2.132200e+00 -2.890258e+00
##          7          7          7          7          7
## -1.176883e+00 -5.014139e-01 -6.733679e+00  1.542785e+00 -2.890258e+00
##          7          7          7          7          7
##  6.970672e-01  7.760489e-01  1.027022e+00  2.471785e-01  5.658323e-02
##          7          7          7          7          7
##  1.398304e-01  3.423757e-01  8.031644e-01  7.330001e-01  5.710072e-01
##          7          7          7          7          7
## -2.647444e-01 -1.078705e+00  1.127454e+00  1.180642e+00  7.434556e-02
##          7          7          7          7          7
##  6.153248e-01 -4.442712e-01 -2.357547e-01  3.353168e-01 -6.733679e+00
##          7          7          7          7          7
##  1.935995e+00 -2.890258e+00  1.056360e+00 -4.711012e-01  1.101695e+00
##          7          7          7          7          7
##  6.349739e-01  1.213634e-01 -5.009758e-01  6.814667e-01  5.266008e-01
##          7          7          7          7          7
## -2.890258e+00  6.610625e-01 -1.209509e-01  6.484423e-01  6.638451e-01
##          7          7          7          7          7
## -1.064477e+00  9.918373e-01  6.706329e-01  1.266574e+00  2.141080e-01
##          7          7          7          7          7
##  1.896928e-01 -2.890258e+00  8.908644e-01 -3.607550e-01 -1.089779e+00
##          7          7          7          7          7
##  2.308430e-01  2.889265e-01  1.865451e+00  9.339506e-01  8.325226e-01
##          7          7          7          7          7
## -2.890258e+00 -1.677470e+00 -2.890258e+00  5.313568e-01  1.440485e+00
##          7          7          7          7          7
## -8.923265e-01  6.211128e-01  4.156601e-01 -3.917509e-01  1.507584e+00

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##          7          7          7          7          7
## 4.381588e-01 -1.964129e-01 5.196383e-01 1.969111e-01 1.523462e+00
##          7          7          7          7          7
## 7.109420e-01 8.184816e-01 5.174156e-01 -7.150310e+00 1.221341e+00
##          7          7          7          7          7
## 1.127032e+00 8.010338e-01 6.596948e-01 -6.488111e-01 5.639582e-01
##          7          7          7          7          7
## 7.846514e-01 -5.435381e-01 1.782049e+00 6.470183e-01 1.937716e-01
##          7          7          7          7          7
## -5.156894e-01 4.763710e-01 1.497820e+00 -6.733679e+00 1.855160e-01
##          7          7          7          7          7
## -2.890258e+00 1.099763e+00 -3.417906e-01 2.026405e+00 1.744501e+00
##          7          7          7          7          7
## -6.733679e+00 -2.059498e-01 -6.733679e+00 1.109704e+00 -2.890258e+00
##          7          7          7          7          7
## 1.444015e+00 2.013934e-01 3.040959e-01 3.257695e-01 -8.132467e-02
##          7          7          7          7          7
## -2.183958e-01 1.901356e+00 2.211473e+00 -7.063248e-01 -3.728246e-01
##          7          7          7          7          7
## 1.787286e+00 7.280360e-01 -6.733679e+00 1.508809e-01 1.358811e+00
##          7          7          7          7          7
## 7.074858e-01 1.112716e+00 7.501130e-01 1.960915e-01 1.282052e+00
##          7          7          7          7          7
## 4.082664e-01 8.289990e-01 -6.113385e-01 3.198396e-01 1.539703e+00
##          7          7          7          7          7
## 1.003629e+00 -4.643745e-01 -2.762013e-01 4.445687e-01 -7.291327e+00
##          7          7          7          7          7
## -1.155048e-01 1.180010e+00 3.465570e-01 3.253376e-01 3.027202e-01
##          7          7          7          7          7
## -7.291327e+00 7.425074e-01 6.309304e-01 1.775004e+00 1.474098e+00
##          7          7          7          7          7
## -4.480941e-01 1.856271e+00 1.788649e-01 1.593300e-01 5.119379e-01
##          7          7          7          7          7
## 9.538875e-01 7.159426e-01 1.081797e+00 -2.993496e-01 -3.374348e-01
##          7          7          7          7          7
## 1.345245e+00 4.118536e-01 -7.420792e+00 -1.044563e+00 3.116952e-01
##          7          7          7          7          7
## 2.307499e+00 2.082897e-01 -5.275094e-02 8.722605e-01 -8.988677e-02
##          7          7          7          7          7
## 7.909367e-01 -7.150310e+00 1.641244e+00 6.972296e-01 -7.576237e+00
##          7          7          7          7          7
## 9.952611e-02 1.891915e-01 3.368569e-01 1.444836e+00 -2.113027e-01
##          7          7          7          7          7
## 1.204508e+00 -3.214859e-01 -1.763797e+00 1.148373e+00 8.853704e-01
##          7          7          7          7          7
## 1.986024e-01 7.968819e-01 2.368302e+00 -1.397827e+00 1.676826e-01
##          7          7          7          7          7
## -1.662019e+00 -3.853161e-01 -4.461727e-02 1.156633e+00 -2.890258e+00
##          7          7          7          7          7
## 1.189666e-01 1.096605e+00 1.401989e+00 9.920946e-01 -6.733679e+00
##          7          7          7          7          7
## -2.495472e-02 1.910227e-01 6.755570e-01 6.970672e-01 -6.520429e-01
##          7          7          7          7          7
## -4.403327e-01 -2.890258e+00 1.613251e+00 1.144265e+00 4.815668e-01

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##          7          7          7          7          7
## 5.580430e-01 -6.733679e+00 6.377823e-02 7.076199e-01 3.377341e-01
##          7          7          7          7          7
## 7.689008e-01 -2.890258e+00 1.400798e+00 -4.648146e-03 1.170951e+00
##          7          7          7          7          7
## 2.373721e-01 1.715173e-02 1.140766e+00 -6.733679e+00 1.306051e+00
##          7          7          7          7          7
## 1.053720e+00 2.276975e+00 -1.137132e+00 -1.983468e-01 -1.465066e-01
##          7          7          7          7          7
## 6.061768e-01 4.254313e-01 5.519999e-02 -6.733679e+00 2.877881e-01
##          7          7          7          7          7
## 1.264856e-01 -8.963697e-01 -8.337147e-01 -4.935493e-01 6.860567e-01
##          7          7          7          7          7
## 6.855014e-01 1.234288e+00 4.304005e-01 -8.526008e-01 8.782345e-01
##          7          7          7          7          7
## 1.560317e+00 -2.357657e-01 7.433573e-01 -1.798774e+00 1.357464e+00
##          7          7          7          7          7
## -3.763595e-01 -2.416792e-01 1.645721e-02 1.026434e+00 -5.036483e-01
##          7          7          7          7          7
## -8.330625e-02 -1.108575e-01 1.813108e-01 7.466136e-02 8.084881e-01
##          7          7          7          7          7
## 2.302976e-01 1.120228e+00 4.074092e-01 1.049789e+00 -2.109969e-01
##          7          7          7          7          7
## 9.431289e-01 -2.890258e+00 1.976501e+00 -1.061103e-02 4.743499e-01
##          7          7          7          7          7
## 4.883386e-01 -2.973687e-01 1.848633e-01 1.542130e+00 1.222834e+00
##          7          7          7          7          7
## 7.671654e-02 -2.890258e+00 1.390778e+00 1.161703e+00 -8.428581e-01
##          7          7          7          7          7
## -6.733679e+00 1.608455e+00 -2.890258e+00 -7.420792e+00 6.182807e-01
##          7          7          7          7          7
## 5.556992e-01 6.260211e-01 9.058274e-01 -9.836022e-01 1.283200e+00
##          7          7          7          7          7
## 2.449095e-01 -1.795175e-01 -1.040972e+00 -6.371107e-02 5.088589e-01
##          7          7          7          7          7
## 7.946019e-01 -5.769735e-01 1.011462e-01 -7.420792e+00 1.896721e+00
##          7          7          7          7          7
## 2.740711e+00 3.304165e-01 -1.516691e+00 -5.120347e-01 -2.890258e+00
##          7          7          7          7          7
## 5.141200e-01 9.685282e-01 3.561917e-01 1.138896e-01 1.725116e+00
##          7          7          7          7          7
## 9.250219e-01 1.592103e+00 -2.143088e-01 -2.890258e+00 6.448311e-01
##          7          7          7          7          7
## 2.999791e-02 6.880030e-01 6.787464e-02 8.420682e-01 -4.035787e-01
##          7          7          7          7          7
## -5.684329e-01 -6.733679e+00 -7.420792e+00 6.495962e-02 -6.203260e-01
##          7          7          7          7          7
## 1.560882e+00 1.029906e+00 -6.733679e+00 -7.420792e+00 -7.164537e-02
##          7          7          7          7          7
## 4.896921e-01 -3.253154e-01 1.030881e+00 1.146677e+00 2.357920e-01
##          7          7          7          7          7
## 1.127751e+00 4.017498e-01 8.500259e-02 1.329859e+00 1.497012e+00
##          7          7          7          7          7
## 5.227898e-01 -7.624189e-01 3.280503e-02 1.199726e-01 1.688005e+00

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##          7          7          7          7          7
## -2.890258e+00  1.490079e+00 -2.890258e+00  6.473118e-01  1.042427e+00
##          7          7          7          7          7
## -2.142437e+00 -3.133452e-01  3.652292e-03  1.313830e+00  1.592181e-01
##          7          7          7          7          7
## -3.647871e-01  2.903173e-01 -7.420792e+00 -4.388329e-01  7.429205e-01
##          7          7          7          7          7
##  7.050848e-01 -2.027557e-01 -2.090025e-01  2.416851e-01 -1.361115e+00
##          7          7          7          7          7
##  7.583272e-02  3.941412e-01  1.308828e+00  1.261578e-02  1.448527e+00
##          7          7          7          7          7
##  8.033117e-02 -1.049453e+00 -7.420792e+00 -2.379127e-01  9.499787e-01
##          7          7          7          7          7
##  1.585914e+00  6.735910e-01 -1.045317e+00 -1.418467e-01  9.750430e-02
##          7          7          7          7          7
## -7.150310e+00  1.477036e+00  3.280847e-01  3.835478e-01 -4.096296e-01
##          7          7          7          7          7
##  1.506146e+00  8.381491e-01  5.007299e-01  4.396674e-01  5.200949e-01
##          7          7          7          7          7
## -6.733679e+00  1.846908e+00  2.032994e+00 -3.985529e-01  2.621877e-01
##          7          7          7          7          7
##  1.185137e+00  1.253226e+00  1.237184e+00 -3.697000e-01 -7.291327e+00
##          7          7          7          7          7
## -7.150310e+00  8.494086e-01  4.186851e-01 -2.890258e+00 -1.962268e-01
##          7          7          7          7          7
##  5.266422e-01  9.106095e-01  1.782403e-01  1.055465e+00  9.161895e-01
##          7          7          7          7          7
##  1.245276e-01 -2.139146e-01 -2.077841e-01 -7.420792e+00  9.457092e-02
##          7          7          7          7          7
## -7.150310e+00  3.150794e-01 -4.634302e-01  7.607676e-01 -2.890258e+00
##          7          7          7          7          7
## -9.654513e-01  4.039413e-01  3.356828e-01  1.115478e+00  1.781570e+00
##          7          7          7          7          7
## -4.094307e-01  2.013389e-01  9.372304e-01 -5.878479e-01  2.926367e-01
##          7          7          7          7          7
## -8.773909e-01  1.815471e+00 -3.141816e-02  6.300747e-01  4.911715e-01
##          7          7          7          7          7
## -2.957353e-01  2.635631e+00  3.504591e-01  8.918689e-01  1.039054e+00
##          7          7          7          7          7
##  8.781943e-01 -4.284546e-01 -7.218426e-02  1.622207e+00  5.197143e-01
##          7          7          7          7          7
##  2.259610e-01  9.094719e-02  4.346299e-01 -1.096439e+00 -1.672470e+00
##          7          7          7          7          7
##  4.681953e-01 -7.917654e-01  4.413956e-01  5.042633e-02 -7.963746e-01
##          7          7          7          7          7
##  1.093269e+00 -4.935493e-01 -1.137042e+00 -8.597467e-01  9.718339e-01
##          7          7          7          7          7
##  1.569055e-01 -2.057068e+00  1.212128e-01 -1.280847e-01  8.537097e-01
##          7          7          7          7          7
## -6.733679e+00  5.819268e-01  9.021294e-01  5.582842e-01  3.653429e-02
##          7          7          7          7          7
##  2.940180e-02 -6.686726e-01 -2.755584e-01 -5.037646e-01 -2.890258e+00
##          7          7          7          7          7
## -8.031568e-01 -4.692112e-01  1.792151e+00  1.276523e+00 -6.733679e+00

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```

##          7          7          7          7          7
## 5.047856e-01 -1.254190e-01 -9.322022e-01 -1.028767e+00 1.929291e+00
##          7          7          7          7          7
## -1.123412e+00 7.052465e-01 1.000726e+00 1.422451e+00 1.118988e+00
##          7          7          7          7          7
## 1.730959e+00 8.304420e-01 1.918429e+00 -1.120240e-01 2.816414e+00
##          7          7          7          7          7
## 1.621858e+00 9.100486e-01 7.159426e-01 1.273676e-01 6.309961e-01
##          7          7          7          7          7
## 7.742816e-01 -2.890258e+00 -7.420792e+00 9.552260e-01 9.781363e-02
##          7          7          7          7          7
## 2.179645e+00 -6.994406e-01 -7.869074e-01 2.222671e-01 8.667875e-01
##          7          7          7          7          7
## 1.529130e+00 -3.519133e-01 8.163338e-01 -1.138469e+00 4.619665e-01
##          7          7          7          7          7
## 7.952683e-01 7.232850e-01 6.888383e-01 -4.165002e-01 -9.000071e-02
##          7          7          7          7          7
## 7.176613e-01 7.661625e-01 3.750505e-01 2.909669e-01 9.397214e-01
##          7          7          7          7          7
## 4.546728e-01 6.101932e-01 5.093453e-01 3.164521e-01 7.530931e-01
##          7          7          7          7          7
## 3.999567e-01 -1.346610e+00 -1.452642e+00 7.101192e-01 8.777683e-01
##          7          7          7          7          7
## 1.852977e+00 3.180680e-01 -2.890258e+00 -4.645864e-01 1.038954e+00
##          7          7          7          7          7
## 1.163534e+00 -6.203144e-01 -7.420792e+00 -9.736948e-01 8.243453e-01
##          7          7          7          7          7
## 7.674104e-01 -5.671883e-01 8.588113e-01 7.736097e-01 -2.908140e-01
##          7          7          7          7          7
## 6.668395e-01 2.198428e-02 -1.922367e-03 1.793297e-01 2.536151e-02
##          7          7          7          7          7
## -1.261846e-01 7.970019e-01 -7.420792e+00 1.419707e-01 5.685340e-01
##          7          7          7          7          7
## 5.385365e-01 9.787462e-01 -7.808593e-01 1.684025e+00 3.201203e-01
##          7          7          7          7          7
## 1.222787e+00 1.033074e+00 4.018723e-01 1.445772e-01 -1.120556e+00
##          7          7          7          7          7
## 2.828412e-01 1.564320e+00 7.643802e-01 3.788449e-01 6.107185e-01
##          7          7          7          7          7
## 3.363788e-01 6.269344e-01 -2.684109e-01 -2.795297e-01 6.350834e-01
##          7          7          7          7          7
## 9.307066e-02 1.962781e-01 -7.271907e-01 5.609425e-02 2.270351e+00
##          7          7          7          7          7
## -1.486931e-01 5.407732e-01 9.300652e-01 5.413635e-01 -6.733679e+00
##          7          7          7          7          7
## 7.192529e-01 9.447730e-02 -2.565704e-01 4.020273e-02 4.643208e-01
##          7          7          7          7          7
## -7.420792e+00 3.392582e-01 -1.743515e+00 6.427260e-01 -9.374384e-01
##          7          7          7          7          7
## 9.409528e-01 -9.135748e-01 -2.890258e+00 1.708162e+00 4.396470e-01
##          7          7          7          7          7
## 8.861583e-01 9.656567e-01 2.884154e-01 -1.360129e-01 -3.423108e-01
##          7          7          7          7          7
## 2.039124e+00 -1.181062e+00 -6.524335e-02 -4.472309e-01 1.346440e+00

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##          7          7          7          7          7
## 2.552578e+00 -5.608737e-01 5.837157e-01 8.161062e-01 -6.733679e+00
##          7          7          7          7          7
## 7.857930e-01 -6.733679e+00 4.009292e-01 1.100442e+00 1.309154e+00
##          7          7          7          7          7
## 1.240849e+00 7.689905e-01 9.898331e-01 4.258258e-01 8.187587e-01
##          7          7          7          7          7
## -1.804537e+00 7.067178e-01 -3.864648e-01 1.369441e+00 7.136675e-01
##          7          7          7          7          7
## 2.509122e-01 1.192251e+00 2.310206e+00 -3.100718e-01 -6.733679e+00
##          7          7          7          7          7
## -6.882281e-01 1.131274e+00 -1.921243e-01 7.597518e-01 -1.587401e+00
##          7          7          7          7          7
## -1.944001e-01 1.201386e+00 2.451599e+00 -1.108834e-01 7.342443e-01
##          7          7          7          7          7
## -1.173755e+00 1.237930e+00 -3.819222e-01 -6.733679e+00 -1.936037e-01
##          7          7          7          7          7
## -4.600702e-01 1.566154e+00 -2.486003e-01 -3.125753e-01 1.414547e+00
##          7          7          7          7          7
## -1.360154e-01 1.508964e+00 9.272662e-01 2.788942e+00 5.345716e-01
##          7          7          7          7          7
## 7.634179e-01 -8.614994e-01 -7.585854e-02 3.588304e-01 -6.631007e-02
##          7          7          7          7          7
## -5.624028e-01 1.078586e-01 1.075884e+00 -6.442530e-01 9.944612e-01
##          7          7          7          7          7
## 3.388718e-01 -3.278464e-02 8.274312e-01 -5.556364e-01 -6.733679e+00
##          7          7          7          7          7
## 1.191504e+00 4.518263e-01 -4.652870e-01 -3.572777e-01 1.194700e+00
##          7          7          7          7          7
## -2.890258e+00 9.583913e-01 -4.179038e-01 -7.150310e+00 4.153855e-01
##          7          7          7          7          7
## 1.932573e+00 -7.623632e-01 -7.942904e-02 8.171574e-01 -9.341262e-02
##          7          7          7          7          7
## 3.771702e-01 7.606550e-01 1.763915e+00 2.027526e-01 -7.420792e+00
##          7          7          7          7          7
## 8.921109e-01 -1.440360e-01 3.246739e-01 8.703432e-01 1.348553e+00
##          7          7          7          7          7
## 1.352746e+00 7.935821e-01 5.371773e-01 1.013838e+00 -1.669396e+00
##          7          7          7          7          7
## 9.180955e-01 6.087175e-02 -6.795354e-01 4.124282e-01 -1.096927e+00
##          7          7          7          7          7
## -2.434076e-01 1.892765e-01 -1.728634e-01 8.142097e-01 1.552628e+00
##          7          7          7          7          7
## -1.804169e-01 6.108045e-01 8.170558e-01 -2.454688e-01 6.784522e-01
##          7          7          7          7          7
## 5.676964e-01 -3.882008e-01 6.256983e-01 1.911007e+00 8.241767e-01
##          7          7          7          7          7
## -5.243538e-01 8.275617e-01 2.828628e-01 7.080883e-01 1.573499e+00
##          7          7          7          7          7
## 9.605252e-01 2.557244e-01 1.913757e+00 3.006536e-01 -6.350099e-02
##          7          7          7          7          7
## -9.417635e-01 -1.221364e-01 1.533985e+00 -3.591492e-01 -5.919413e-02
##          7          7          7          7          7
## 1.715474e-01 3.443223e+00 2.237608e-01 -1.451016e-01 9.672630e-01

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##          7          7          7          7          7
## 1.237260e+00 -2.890258e+00 1.383507e+00 -6.733679e+00 2.180573e+00
##          7          7          7          7          7
## 6.686892e-01 -4.355849e-01 1.121214e+00 1.767844e+00 2.699175e-01
##          7          7          7          7          7
## 2.056746e+00 -1.710755e-01 1.219296e+00 1.151839e+00 6.723234e-01
##          7          7          7          7          7
## 7.332770e-01 5.527468e-01 -6.733679e+00 -2.890258e+00 1.805190e-01
##          7          7          7          7          7
## 1.982129e+00 -5.808766e-01 7.959266e-01 4.686288e-01 7.185885e-03
##          7          7          7          7          7
## 1.016404e+00 -1.662681e-01 -1.652679e-01 2.949969e-01 4.421740e-01
##          7          7          7          7          7
## -2.283981e-01 3.595922e-01 4.163472e-01 2.881372e-01 4.472164e-01
##          7          7          7          7          7
## 3.412064e-01 1.510662e-01 3.731972e-01 7.173130e-01 5.193894e-01
##          7          7          7          7          7
## -1.152544e-01 8.676518e-01 8.795184e-01 1.217606e+00 1.070289e+00
##          7          7          7          7          7
## -2.890258e+00 8.970670e-01 5.315962e-01 -7.358591e-01 5.049591e-01
##          7          7          7          7          7
## 1.467743e-01 1.670955e+00 -6.952699e-01 1.983361e-01 -1.703953e-01
##          7          7          7          7          7
## 1.330019e+00 1.546443e-01 5.628624e-01 9.292561e-01 -7.291327e+00
##          7          7          7          7          7
## 1.080458e-01 8.951817e-01 2.184017e+00 1.056862e+00 2.120879e+00
##          7          7          7          7          7
## 5.516393e-01 9.999759e-01 -9.183569e-01 -7.605876e-01 1.703226e-01
##          7          7          7          7          7
## -2.890258e+00 -7.129881e+00 -7.420792e+00 -6.733679e+00 4.389849e-01
##          7          7          7          7          7
## 1.168054e-02 1.841867e+00 1.006774e+00 -7.129881e+00 7.030606e-01
##          7          7          7          7          7
## 1.071270e+00 1.286115e+00 2.859808e+00 -4.073824e-03 1.485953e+00
##          7          7          7          7          7
## 1.545380e+00 1.263663e+00 1.181536e+00 5.738691e-02 4.666785e-01
##          7          7          7          7          7
## 9.240061e-02 5.720835e-01 -1.052584e-01 5.291281e-01 6.101212e-01
##          7          7          7          7          7
## 8.959964e-01 -4.820685e-01 -8.285487e-02 1.081645e+00 8.504734e-01
##          7          7          7          7          7
## 5.385545e-01 9.185609e-01 -1.003746e+00 1.342146e+00 3.498699e-01
##          7          7          7          7          7
## 4.838050e-01 4.720486e-01 1.838810e-01 -3.495546e-01 4.014840e-01
##          7          7          7          7          7
## 8.842286e-01 1.109036e+00 -7.150310e+00 -2.967827e-01 1.301131e+00
##          7          7          7          7          7
## 8.257168e-02 -3.082798e-01 3.365925e-01 1.504720e+00 2.131441e+00
##          7          7          7          7          7
## 1.653486e-01 -9.067665e-01 1.043038e+00 -2.740239e-01 8.407392e-01
##          7          7          7          7          7
## 5.431649e-01 -2.352258e-01 6.220807e-01 5.669000e-02 9.258630e-01
##          7          7          7          7          7
## -2.649766e-01 1.117999e+00 1.319717e+00 4.887207e-01 1.014549e+00

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##          7          7          7          7          7
## -6.733679e+00  4.862963e-02  1.969327e-01 -2.890258e+00 -1.702542e+00
##          7          7          7          7          7
##  1.588398e+00 -6.793439e-01 -5.890176e-01 -6.648713e-01 -1.259728e-01
##          7          7          7          7          7
##  2.358286e-01 -5.792916e-01  9.543737e-01 -3.411492e-01 -1.049608e+00
##          7          7          7          7          7
## -6.733679e+00 -4.778385e-02  6.151976e-01  8.828291e-01 -7.420792e+00
##          7          7          7          7          7
## -8.845123e-01 -1.082710e-01 -4.450215e-01  1.683299e+00 -3.625357e-01
##          7          7          7          7          7
## -2.890258e+00  2.797811e-01  1.039936e+00  4.106370e-01  9.484004e-01
##          7          7          7          7          7
## -7.129881e+00  1.527839e+00 -4.132605e-01  9.253241e-01 -2.890258e+00
##          7          7          7          7          7
##  1.244858e+00 -1.157880e+00  8.385085e-02 -5.425319e-01  1.183596e+00
##          7          7          7          7          7
## -1.515410e+00 -1.038660e+00  3.837580e-01  6.603931e-01  4.188812e-02
##          7          7          7          7          7
##  1.070241e-01  6.796401e-01  1.853302e+00 -8.303672e-01 -1.759082e-01
##          7          7          7          7          7
##  7.228317e-01  9.420650e-01 -1.720476e+00 -1.400944e-01 -7.420792e+00
##          7          7          7          7          7
## -5.304021e-01  2.885531e+00 -1.147134e+00  6.842064e-01  6.741583e-01
##          7          7          7          7          7
##  2.260188e-01  1.962909e+00 -4.922882e-01 -1.693582e+00 -1.210050e-01
##          7          7          7          7          7
## -2.195437e-01 -3.623058e-01  1.206321e+00  1.126293e-01 -7.930403e-01
##          7          7          7          7          7
## -2.890258e+00 -2.512696e-01  3.350963e-01  3.664816e-01 -2.890258e+00
##          7          7          7          7          7
##  6.184266e-01  2.923712e-01  1.724179e-01 -1.870457e-01 -6.733679e+00
##          7          7          7          7          7
##  2.311662e-01 -7.150310e+00  7.344748e-01 -9.597267e-02  3.829740e-02
##          7          7          7          7          7
## -1.093247e-01  1.075973e+00 -6.625027e-01 -5.538149e-01 -5.425334e-01
##          7          7          7          7          7
##  1.107952e+00  1.018678e+00 -7.291327e+00 -2.542207e-01 -2.158231e-01
##          7          7          7          7          7
## -4.652945e-01  1.604573e+00  1.036659e+00  7.678945e-01  9.291494e-01
##          7          7          7          7          7
##  2.007011e+00  7.935802e-01  7.614170e-01  6.295315e-01  1.391464e-01
##          7          7          7          7          7
## -2.890258e+00  8.906478e-01 -2.890258e+00 -2.361404e-01  1.057260e+00
##          7          7          7          7          7
##  8.617848e-01  1.473600e+00 -1.803057e-01 -7.950542e-01 -3.547149e-01
##          7          7          7          7          7
##  2.943094e-01 -9.036541e-01 -2.890258e+00  4.909133e-02  9.624806e-01
##          7          7          7          7          7
##  4.101491e-01  1.417302e+00  8.913720e-02  1.018398e-01 -5.765537e-01
##          7          7          7          7          7
## -5.857981e-01 -7.696433e-01  1.587453e+00  2.177526e+00  1.840273e+00
##          7          7          7          7          7
## -6.733679e+00  2.336852e+00  1.133666e+00  4.221219e-01  1.204091e+00

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##          7          7          7          7          7
## -7.203083e-01 -2.890258e+00 4.991447e-01 -6.733679e+00 -2.890258e+00
##          7          7          7          7          7
## 2.061301e-01 3.836860e-01 1.552654e+00 -2.890258e+00 -6.450213e-01
##          7          7          7          7          7
## 6.616645e-01 2.027853e-01 1.586958e+00 1.477237e+00 -4.694619e-01
##          7          7          7          7          7
## 2.760626e-01 5.206678e-01 5.563843e-01 4.316787e-01 1.766200e-01
##          7          7          7          7          7
## 7.320457e-01 2.577588e+00 -2.869647e+00 -3.132895e-01 -1.243277e-01
##          7          7          7          7          7
## -5.397480e-01 -6.733679e+00 -2.285943e-01 7.847311e-01 -2.890258e+00
##          7          7          7          7          7
## 1.502305e+00 -5.425139e-01 3.916075e-01 1.170009e+00 -5.853018e-01
##          7          7          7          7          7
## -5.630283e-01 7.902138e-01 2.441721e-01 -5.062880e-01 2.529620e-01
##          7          7          7          7          7
## 1.591072e+00 2.670627e-01 4.410338e-01 7.119298e-02 -2.890258e+00
##          7          7          7          7          7
## -3.832208e-01 7.004899e-01 1.100635e+00 1.610849e+00 5.970631e-01
##          7          7          7          7          7
## -3.401834e-02 -6.733679e+00 2.810060e-01 -1.432012e-01 2.018215e-01
##          7          7          7          7          7
## -7.150310e+00 7.644242e-01 1.198568e+00 2.177227e+00 1.365122e+00
##          7          7          7          7          7
## 9.044958e-02 6.753025e-02 1.414093e-01 -7.187345e-01 1.752543e-01
##          7          7          7          7          7
## 6.532252e-01 1.712217e-01 -4.587870e-01 -1.210697e+00 2.659316e+00
##          7          7          7          7          7
## 6.772234e-01 8.596940e-01 -6.733679e+00 5.200949e-01 1.427875e+00
##          7          7          7          7          7
## 1.696010e+00 2.132051e+00 1.593135e+00 -1.207991e-01 -6.733679e+00
##          7          7          7          7          7
## 1.220631e-01 1.612358e+00 1.098269e+00 7.836901e-01 9.963459e-01
##          7          7          7          7          7
## -2.890258e+00 2.790106e+00 7.671764e-01 -1.996906e-01 -3.848502e-01
##          7          7          7          7          7
## 1.516930e+00 1.324334e+00 -5.111218e-01 -3.990278e-02 -2.890258e+00
##          7          7          7          7          7
## -1.112288e-01 2.298170e+00 -2.079825e-01 1.021656e+00 3.585425e-01
##          7          7          7          7          7
## -2.890258e+00 1.198868e+00 8.823862e-01 3.807316e-01 1.219214e+00
##          7          7          7          7          7
## 7.008325e-01 -6.733679e+00 2.374435e+00 1.125208e+00 2.693378e-01
##          7          7          7          7          7
## -6.733679e+00 6.231716e-02 1.956171e-01 -1.712094e-01 -1.243253e+00
##          7          7          7          7          7
## -2.994356e-01 -1.269053e-01 -6.733679e+00 1.199168e+00 6.719696e-01
##          7          7          7          7          7
## -7.908801e-01 1.448119e-01 1.220883e-02 -7.129881e+00 1.139632e+00
##          7          7          7          7          7
## 1.586628e+00 -1.037631e-01 1.019492e+00 -1.269266e-01 9.804824e-01
##          7          7          7          7          7
## 5.710249e-01 1.360187e+00 -8.082432e-02 8.172204e-02 -2.297247e-01

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##          7          7          7          7          7
## 2.231688e-01 6.376100e-01 1.350958e+00 -2.890258e+00 -2.558318e-01
##          7          7          7          7          7
## 5.113146e-01 1.756672e+00 -2.890258e+00 -2.151820e-01 7.391462e-01
##          7          7          7          7          7
## 1.967865e+00 5.438548e-01 -2.786056e-01 6.612590e-01 1.280616e-01
##          7          7          7          7          7
## -7.457791e-01 2.756083e-01 2.634909e-01 -6.353756e-01 -5.003735e-01
##          7          7          7          7          7
## 1.713850e+00 -6.502551e-01 2.501346e+00 -6.733679e+00 5.799144e-01
##          7          7          7          7          7
## -2.466691e-01 1.958943e+00 -2.995424e-01 3.807316e-01 2.040439e+00
##          7          7          7          7          7
## 1.268586e+00 2.001987e+00 -7.448915e-01 2.144452e-01 1.332089e+00
##          7          7          7          7          7
## 1.006920e+00 -9.996437e-02 1.046768e+00 2.221631e+00 -5.226189e-01
##          7          7          7          7          7
## -2.989994e-01 1.521454e+00 -7.072442e-02 -1.127933e-01 8.695163e-01
##          7          7          7          7          7
## 6.068264e-01 8.350413e-02 6.351561e-01 1.289746e+00 1.147884e+00
##          7          7          7          7          7
## 5.385478e-01 8.703432e-01 -2.890258e+00 1.301641e-03 3.654365e-01
##          7          7          7          7          7
## 1.053744e+00 1.514789e+00 -2.890258e+00 1.621418e+00 2.322905e+00
##          7          7          7          7          7
## -4.859224e-01 1.180653e+00 5.635265e-02 1.563309e+00 4.616170e-01
##          7          7          7          7          7
## 7.655786e-01 6.640791e-01 2.337710e-01 -2.890258e+00 -3.228805e-01
##          7          7          7          7          7
## 1.027742e+00 -1.678226e-01 2.217440e-01 -1.229679e+00 1.678548e+00
##          7          7          7          7          7
## 3.667689e-01 -3.852331e-01 3.366992e-01 1.066899e+00 -2.890258e+00
##          7          7          7          7          7
## 9.514830e-02 -3.679809e-01 -7.173220e-01 5.643784e-01 -1.604444e+00
##          7          7          7          7          7
## 6.863975e-01 -4.859364e-01 -6.883331e-01 4.410978e-01 2.071214e-01
##          7          7          7          7          7
## -3.906724e-02 1.910942e+00 -5.449016e-01 -6.733679e+00 1.733348e+00
##          7          7          7          7          7
## -1.921862e-01 1.290486e-01 4.662667e-01 -3.371755e-02 -2.890258e+00
##          7          7          7          7          7
## 8.089854e-01 -2.890258e+00 3.601961e-01 1.850337e+00 -7.146168e-01
##          7          7          7          7          7
## 4.665127e-01 1.865451e+00 -8.214627e-02 -3.947620e-01 1.416766e+00
##          7          7          7          7          7
## 8.647530e-02 1.198868e+00 1.473164e+00 5.468119e-01 -2.890258e+00
##          7          7          7          7          7
## 7.424498e-01 1.275203e-01 6.951576e-01 1.221836e+00 -6.322691e-01
##          7          7          7          7          7
## -1.071445e+00 -2.687536e-01 1.175449e+00 1.963985e+00 2.524878e-02
##          7          7          7          7          7
## -6.649158e-01 1.128373e+00 -3.459446e-01 7.621591e-01 5.530971e-01
##          7          7          7          7          7
## 4.544272e-01 1.286181e+00 9.039253e-01 -1.011967e+00 -1.809465e-01

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##          7          7          7          7          7
## -5.445156e-01  1.019204e+00  1.029102e+00  1.413390e+00 -2.890258e+00
##          7          7          7          7          7
##  4.973472e-01  1.007473e+00  6.210638e-02  1.438892e-01  3.907279e-01
##          7          7          7          7          7
## 1.483216e+00  9.973230e-01 -6.511557e-02 -5.892007e-01  5.470205e-01
##          7          7          7          7          7
## 2.708742e-01  5.535634e-02  1.156169e+00 -1.099520e-01  8.189578e-01
##          7          7          7          7          7
## 1.375725e-01 -2.028857e-01  1.301412e+00 -7.686298e-01 -1.247037e+00
##          7          7          7          7          7
## 9.631209e-01  6.928835e-01 -8.142159e-01  1.050985e+00  1.687788e-01
##          7          7          7          7          7
## -4.881717e-01 -7.896994e-01  3.108600e-01  6.311215e-01  7.012514e-01
##          7          7          7          7          7
## 8.484365e-01  8.864010e-01  7.073932e-01 -1.344701e+00  1.284584e+00
##          7          7          7          7          7
## 1.235738e+00 -9.019059e-02 -4.542606e-02  8.049304e-03  1.112289e-01
##          7          7          7          7          7
## -3.023402e-02  9.722246e-02 -6.298225e-02  1.482199e+00 -2.890258e+00
##          7          7          7          7          7
## 1.6777876e+00  6.538067e-01  1.771071e+00  2.948728e-01  7.488021e-01
##          7          7          7          7          7
## -7.143564e-01  1.372249e-01 -2.631518e-01 -6.733679e+00 -7.576237e+00
##          7          7          7          7          7
## 6.808979e-01 -6.733679e+00  9.977707e-01 -3.816907e-01 -7.291327e+00
##          7          7          7          7          7
## -3.125985e-01  1.958051e+00  2.174414e+00 -6.099839e-01  6.016723e-01
##          7          7          7          7          7
## 2.405849e-01  6.666576e-01 -2.572969e-01  8.099323e-01  1.703880e-01
##          7          7          7          7          7
## 3.749021e-01 -1.158605e-01 -6.733679e+00  4.914349e-02  1.402865e+00
##          7          7          7          7          7
## -2.890258e+00  8.735073e-01 -1.343698e-01 -2.890258e+00  1.336354e+00
##          7          7          7          7          7
## 5.203485e-01 -6.733679e+00  1.172687e+00  9.191918e-01  6.415115e-01
##          7          7          7          7          7
## -1.162117e+00  9.124234e-01 -6.733679e+00  7.811346e-01  1.288532e-01
##          7          7          7          7          7
## 2.539491e+00  2.676759e-01  8.543895e-01 -4.335935e-01  3.788560e-01
##          7          7          7          7          7
## -2.650853e-01  1.809500e+00  4.058884e-01  1.408662e+00  1.216709e+00
##          7          7          7          7          7
## 7.633082e-01 -1.422555e+00  1.389514e+00  1.669177e-01  9.523994e-01
##          7          7          7          7          7
## -1.399940e-01  1.040290e+00  2.942096e-01  1.496098e+00  1.523589e-01
##          7          7          7          7          7
## -1.649121e-02  1.807452e+00 -3.275649e-01  1.510844e+00  6.260006e-01
##          7          7          7          7          7
## -2.339694e-01  9.871689e-02  1.877763e+00  1.005056e+00  1.929718e+00
##          7          7          7          7          7
## 1.922619e+00  1.763338e-01 -2.806689e-01 -7.359212e-02  1.241898e+00
##          7          7          7          7          7
## -9.062428e-01  1.810875e-01  1.651896e+00 -6.733679e+00  2.557244e-01

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##          7          7          7          7          7
## 1.164202e+00 1.492658e-01 9.925296e-01 2.191615e+00 -2.694490e-02
##          7          7          7          7          7
## 2.393387e-02 3.525344e-01 5.964651e-01 -1.639437e-02 4.615761e-01
##          7          7          7          7          7
## 1.053354e+00 -2.853398e-01 1.844660e+00 -4.575535e-01 1.227128e+00
##          7          7          7          7          7
## -4.232890e-01 -2.890258e+00 7.235898e-01 -3.397753e-01 5.696390e-01
##          7          7          7          7          7
## 1.395151e+00 -6.733679e+00 -7.847627e-01 -6.557908e-01 7.125140e-01
##          7          7          7          7          7
## 2.922440e-01 -7.471120e-01 1.723323e-01 8.243810e-01 2.091572e+00
##          7          7          7          7          7
## 7.744676e-01 -6.733679e+00 7.022985e-01 9.467774e-01 3.598413e-01
##          7          7          7          7          7
## 5.178405e-01 2.203907e+00 -7.421425e-01 7.552637e-01 -6.733679e+00
##          7          7          7          7          7
## 8.498921e-01 1.184126e+00 7.845022e-01 -6.486996e-02 9.012071e-01
##          7          7          7          7          7
## 1.178654e+00 1.365741e+00 -1.353710e-01 1.234824e+00 -6.342118e-01
##          7          7          7          7          7
## 3.859310e-02 -7.129881e+00 1.080941e+00 -3.693070e-01 -2.917214e-01
##          7          7          7          7          7
## 3.014565e-02 -4.244180e-01 1.038348e+00 -6.503824e-01 -4.218244e-01
##          7          7          7          7          7
## -7.291327e+00 -9.947850e-01 1.349135e+00 1.157587e+00 4.258934e-01
##          7          7          7          7          7
## -6.611014e-02 1.305819e+00 3.342615e+00 5.681127e-01 1.412929e+00
##          7          7          7          7          7
## 3.184634e-02 3.982085e-01 8.568312e-01 1.955064e+00 3.611487e-01
##          7          7          7          7          7
## -7.150310e+00 1.309755e-01 -1.900105e+00 4.718779e-01 7.900827e-01
##          7          7          7          7          7
## 1.245093e+00 1.757325e-01 1.476301e+00 1.094522e+00 -2.890258e+00
##          7          7          7          7          7
## 8.750700e-01 -1.979165e-01 6.124602e-01 -4.551437e-01 -3.519374e-01
##          7          7          7          7          7
## -6.733679e+00 -6.733679e+00 9.735085e-01 2.478718e+00 6.552402e-01
##          7          7          7          7          7
## -2.890258e+00 -3.252068e-02 6.723216e-02 8.920567e-01 3.423514e-03
##          7          7          7          7          7
## 2.464516e-01 7.016959e-02 -8.619528e-02 -1.152171e+00 -7.150310e+00
##          7          7          7          7          7
## 4.195731e-02 -5.795849e-01 1.662840e+00 -5.677415e-02 1.656880e+00
##          7          7          7          7          7
## 1.094993e+00 2.577466e-01 3.916775e-01 -1.225974e+00 2.189844e-01
##          7          7          7          7          7
## 1.584907e+00 -1.150136e+00 1.208943e+00 -4.374777e-01 8.576379e-01
##          7          7          7          7          7
## -2.890258e+00 1.641465e-01 -2.890258e+00 2.840786e-01 -2.890258e+00
##          7          7          7          7          7
## 6.209231e-01 7.761038e-01 1.659374e+00 -7.129881e+00 -1.720012e+00
##          7          7          7          7          7
## -8.937243e-01 2.948886e+00 -6.733679e+00 2.546473e-01 -7.420792e+00

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##          7          7          7          7          7
## 1.409486e+00 2.081245e-01 2.998823e-01 1.415510e+00 6.638785e-01
##          7          7          7          7          7
## -2.563418e-01 1.087957e+00 -2.890258e+00 7.368672e-01 1.293271e+00
##          7          7          7          7          7
## 3.251777e-01 -1.419469e-01 -2.890258e+00 8.554919e-01 7.670958e-01
##          7          7          7          7          7
## 3.690888e-01 -4.032357e-02 6.543447e-01 2.148147e-01 1.342349e+00
##          7          7          7          7          7
## 6.888978e-01 5.315348e-01 -1.645296e-01 2.248120e+00 -2.890258e+00
##          7          7          7          7          7
## 1.165397e+00 1.172476e+00 1.733881e+00 -2.890258e+00 1.687667e+00
##          7          7          7          7          7
## -3.117856e-01 -2.890258e+00 -7.114868e-01 6.836776e-01 -1.461704e-01
##          7          7          7          7          7
## 1.569995e+00 7.023857e-01 1.512603e-01 8.241778e-01 1.296282e+00
##          7          7          7          7          7
## 1.005772e+00 1.441093e+00 1.291365e+00 5.116061e-02 1.321669e+00
##          7          7          7          7          7
## 1.325678e+00 9.215677e-01 -7.420792e+00 3.403875e-01 4.372267e-01
##          7          7          7          7          7
## 1.267924e+00 -7.576237e+00 1.638895e+00 1.246055e+00 3.719204e-01
##          7          7          7          7          7
## -2.890258e+00 1.018114e+00 -6.392476e-01 1.160428e+00 3.733392e-01
##          7          7          7          7          7
## -6.733679e+00 -7.129881e+00 -5.511938e-02 -1.407158e-01 -1.746200e-01
##          7          7          7          7          7
## -5.204461e-01 8.052443e-01 5.129018e-02 7.222251e-01 6.235233e-01
##          7          7          7          7          7
## 1.785894e-01 2.466768e-01 6.653547e-01 5.746132e-01 5.237509e-01
##          7          7          7          7          7
## 7.371080e-01 4.563121e-01 7.286155e-01 4.708364e-01 1.344574e-03
##          7          7          7          7          7
## 5.963001e-01 -2.890258e+00 2.196997e+00 -1.140840e+00 -2.717991e-01
##          7          7          7          7          7
## 2.680752e+00 1.117971e+00 1.205651e+00 -3.288724e-01 9.911965e-02
##          7          7          7          7          7
## 1.117547e+00 -1.912799e+00 8.436854e-01 4.840559e-01 -4.111239e-01
##          7          7          7          7          7
## -2.125752e+00 -6.733679e+00 -2.890258e+00 -5.510584e-01 -1.868875e-01
##          7          7          7          7          7
## 1.368334e+00 -1.647899e-01 -2.158841e-01 -3.253762e-01 3.124781e-01
##          7          7          7          7          7
## 1.075884e+00 1.924387e+00 -2.748507e-01 2.159732e+00 1.611865e-01
##          7          7          7          7          7
## 1.336981e+00 -3.472631e-02 -1.600545e-01 -7.415848e-01 1.366491e+00
##          7          7          7          7          7
## 7.945105e-01 6.927987e-01 -7.420792e+00 -3.642231e-01 1.278161e+00
##          7          7          7          7          7
## 1.500899e+00 2.171936e+00 3.938513e-01 4.658263e-01 3.864897e-01
##          7          7          7          7          7
## 1.682197e+00 7.826355e-02 -7.276660e-01 1.377853e-01 -3.899370e-01
##          7          7          7          7          7
## 1.911071e+00 5.629668e-02 -3.978256e-02 9.153186e-01 1.160534e+00

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##          7          7          7          7          7
## -2.887148e-01  2.872560e-01 -4.253648e-01  1.361824e+00 -5.299713e-01
##          7          7          7          7          7
##  1.272870e-01 -2.890258e+00  5.928106e-01  5.476626e-01  3.992689e-01
##          7          7          7          7          7
##  2.182650e+00  1.122935e-02  1.630073e+00  1.275035e+00  1.927987e-01
##          7          7          7          7          7
##  1.465916e+00 -1.282087e+00  3.847826e-01 -1.205470e+00 -8.940627e-01
##          7          7          7          7          7
## -1.808043e+00  9.159539e-01  6.377993e-01  6.753831e-01 -1.354732e+00
##          7          7          7          7          7
## -1.613059e-02  1.064311e-01 -8.631713e-02 -1.088685e-01 -1.377592e+00
##          7          7          7          7          7
##  3.770088e-01  5.952704e-03  1.207668e+00  1.105388e+00  2.521071e-01
##          7          7          7          7          7
##  8.342966e-01 -6.733679e+00  1.149201e+00  3.213326e-01  8.603613e-01
##          7          7          7          7          7
## -2.950388e-01  7.403003e-01  8.171415e-01  1.806662e+00  3.208139e-02
##          7          7          7          7          7
##  4.870720e-01  1.356298e+00  7.182516e-01 -1.223252e+00  7.562406e-01
##          7          7          7          7          7
## -9.618798e-01  5.333669e-01  1.416978e+00 -6.733679e+00  1.996967e+00
##          7          7          7          7          7
## -2.890258e+00  3.131810e-01 -4.055332e-01  1.757341e+00 -1.034667e-01
##          7          7          7          7          7
##  1.131573e+00  1.361911e+00 -6.733679e+00  3.166534e-01  1.674298e-01
##          7          7          7          7          7
##  2.160681e+00  8.057196e-01  4.475060e-01 -1.158127e-02  2.948728e-01
##          7          7          7          7          7
##  5.500037e-01 -8.195231e-02  3.152220e-01 -1.361717e+00  1.088346e-01
##          7          7          7          7          7
##  1.024198e+00  8.021358e-01  7.542615e-01  2.830257e-01  4.014100e-01
##          7          7          7          7          7
##  1.416364e+00 -5.147536e-01 -2.727164e-01  4.284544e-01  1.456288e+00
##          7          7          7          7          7
##  7.153245e-01 -7.291327e+00  3.782325e-01  6.997608e-01 -8.307672e-02
##          7          7          7          7          7
##  1.622458e+00  6.457645e-01  1.537748e-01  2.109619e+00  8.785709e-01
##          7          7          7          7          7
##  9.576047e-01  4.096911e-01 -2.890258e+00  1.467935e+00  6.652506e-01
##          7          7          7          7          7
##  1.011971e+00 -7.420792e+00  1.299179e+00  1.082860e+00 -2.890258e+00
##          7          7          7          7          7
## -6.733679e+00  1.609099e+00  1.192392e+00  5.177245e-01  5.757484e-01
##          7          7          7          7          7
##  1.471464e-01  2.309234e+00  9.281516e-01  9.021310e-01  3.397982e-01
##          7          7          7          7          7
## -2.890258e+00  5.056821e-01  8.121787e-01  1.228211e+00  3.859428e-01
##          7          7          7          7          7
##  4.342481e-02  7.405910e-01 -6.733679e+00  9.723503e-02  2.032817e+00
##          7          7          7          7          7
##  1.171354e+00 -6.751380e-01  1.093340e+00  7.132534e-02  9.385424e-01
##          7          7          7          7          7
##  1.159791e+00 -1.235981e-01  2.668336e-03 -8.709637e-03  4.781463e-01

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##          7          7          7          7          7
## 5.493886e-01 -5.179604e-01 -6.577486e-01  1.354424e+00 -2.890258e+00
##          7          7          7          7          7
## 7.085860e-01  1.427466e-01  2.786834e-01  1.161606e+00 -1.483241e-01
##          7          7          7          7          7
## 1.354544e+00 -1.090071e+00  1.476303e+00  8.191492e-01  2.418095e-01
##          7          7          7          7          7
## 8.029614e-01  1.480721e+00  6.136175e-01  1.475463e+00 -7.150310e+00
##          7          7          7          7          7
## 8.208634e-01 -7.403189e-01  1.163309e+00 -2.890258e+00  6.881511e-01
##          7          7          7          7          7
## -3.302771e-01  6.635358e-01  1.478149e+00  5.005278e-01  7.508912e-01
##          7          7          7          7          7
## 6.629985e-01  4.419133e-01  1.946814e+00  7.757439e-01  3.222791e-01
##          7          7          7          7          7
## -8.314878e-01  4.404103e-01 -4.219204e-01  1.501347e+00  3.736902e-01
##          7          7          7          7          7
## 6.630361e-01 -1.836907e-01 -6.733679e+00  2.318783e-01 -2.819782e-02
##          7          7          7          7          7
## 1.745372e+00  6.229785e-01  6.834704e-01 -7.581530e-01  1.189674e+00
##          7          7          7          7          7
## -7.472211e-02  9.605636e-02  9.992861e-01 -2.890258e+00  1.137784e+00
##          7          7          7          7          7
## -1.090665e-01  1.125721e+00 -1.842665e+00  5.682096e-01  1.478141e+00
##          7          7          7          7          7
## 1.413787e+00  1.387790e+00  3.238334e-04  1.0000911e+00  8.797833e-01
##          7          7          7          7          7
## 8.677589e-01 -1.212258e-03  9.734003e-01  2.201203e-01 -7.129881e+00
##          7          7          7          7          7
## -6.733679e+00  1.058330e+00  1.600049e+00  4.205655e-01  1.193159e+00
##          7          7          7          7          7
## 1.431852e+00  7.833246e-01  6.774467e-01 -7.321679e-03  1.177803e-01
##          7          7          7          7          7
## -7.129881e+00 -2.890258e+00 -2.517320e-01 -6.733679e+00 -5.124947e-01
##          7          7          7          7          7
## 3.652085e-01 -4.856445e-01 -5.746327e-01 -1.224065e+00  3.807243e-02
##          7          7          7          7          7
## 3.511393e-01 -3.449077e-01  1.218745e+00 -1.975257e-02 -8.029485e-01
##          7          7          7          7          7
## 1.901233e-01  1.790763e+00  1.661082e+00  1.367375e-01  1.218285e+00
##          7          7          7          7          7
## 8.202997e-01  2.579974e-01  3.852411e-01  8.253523e-01 -2.248475e-01
##          7          7          7          7          7
## 3.612352e-01  1.891095e-01  4.813368e-01 -7.291327e+00  1.764732e+00
##          7          7          7          7          7
## 3.636457e-01 -7.288823e-02  2.459075e+00 -6.733679e+00 -2.590135e-01
##          7          7          7          7          7
## 4.903002e-02  6.372116e-01  2.956160e-01 -3.628994e-01  1.068525e+00
##          7          7          7          7          7
## -5.717296e-03  3.670712e-01 -4.287222e-01  8.831369e-01  4.543464e-01
##          7          7          7          7          7
## 1.414311e+00  1.608273e+00  9.905129e-01 -5.116983e-01  1.262485e-01
##          7          7          7          7          7
## 1.369577e+00  7.073932e-01  7.202449e-01 -7.261176e-01 -1.641205e+00

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```

##          7          7          7          7          7
## -1.844552e+00 -2.890258e+00 1.114037e+00 1.468202e+00 3.823420e-01
##          7          7          7          7          7
## 6.935441e-01 -2.399289e-01 -2.156722e-01 1.454665e+00 -1.199312e-01
##          7          7          7          7          7
## -7.420792e+00 -5.571988e-01 -2.890258e+00 1.978477e+00 4.820196e-01
##          7          7          7          7          7
## -2.663128e-02 -7.232573e+00 -7.092092e-01 -7.150310e+00 -1.033114e+00
##          7          7          7          7          7
## -9.357187e-01 9.767719e-01 6.552363e-01 3.056868e-01 -4.812277e-01
##          7          7          7          7          7
## -2.332131e-01 -1.107442e+00 9.770099e-02 4.280609e-01 3.509986e-01
##          7          7          7          7          7
## -7.053614e-01 5.663139e-01 6.377115e-01 1.231994e+00 -2.457346e-01
##          7          7          7          7          7
## 7.041631e-01 -2.890258e+00 -4.736454e-02 9.357152e-01 9.290653e-01
##          7          7          7          7          7
## -5.648398e-03 2.002192e-01 3.603711e-01 1.236721e-01 -2.542913e-01
##          7          7          7          7          7
## 3.341547e-01 3.986850e-01 1.667141e-01 1.349305e-02 1.675341e-01
##          7          7          7          7          7
## 5.198481e-01 3.697960e-01 -1.992178e-01 1.926727e+00 1.147997e+00
##          7          7          7          7          7
## 2.353083e+00 2.957411e-01 1.616149e+00 -8.082432e-02 -1.289021e-01
##          7          7          7          7          7
## 1.226780e+00 9.176286e-01 1.320098e+00 1.239427e+00 -1.065734e-01
##          7          7          7          7          7
## 6.301427e-02 1.967768e-01 -2.890258e+00 1.270027e+00 -1.155593e-02
##          7          7          7          7          7
## -1.141774e+00 9.948591e-01 -2.890258e+00 1.683243e+00 7.956797e-01
##          7          7          7          7          7
## 3.241387e-02 4.513057e-01 9.240061e-02 1.217133e+00 -3.520166e-01
##          7          7          7          7          7
## 1.171268e+00 5.145432e-01 7.146555e-01 -8.953247e-01 -1.087365e+00
##          7          7          7          7          7
## 1.993591e-01 2.570144e+00 1.634595e-01 2.355888e-01 9.357117e-01
##          7          7          7          7          7
## 1.602018e-01 -4.440380e-01 -4.275000e-01 -2.618734e-01 -2.890258e+00
##          7          7          7          7          7
## 4.003159e-01 1.211439e-01 -2.890258e+00 1.509243e-02 7.457121e-01
##          7          7          7          7          7
## 3.295233e-01 5.787085e-01 1.108105e-01 -7.129226e-01 -1.644125e+00
##          7          7          7          7          7
## 1.249118e+00 -1.002290e+00 -8.787581e-01 3.811007e-02 4.807875e-01
##          7          7          7          7          7
## 5.884471e-01 5.876795e-01 -6.212137e-01 6.629178e-01 1.148987e+00
##          7          7          7          7          7
## 1.138168e-01 2.322220e+00 -1.215051e+00 2.525083e-01 2.127163e+00
##          7          7          7          7          7
## -2.324260e-01 3.231814e-01 1.258238e+00 5.546424e-05 -3.120649e-01
##          7          7          7          7          7
## 1.359582e+00 -1.253232e-01 -7.420792e+00 1.132082e-01 5.516393e-01
##          7          7          7          7          7
## 1.770754e-01 9.758788e-02 -1.124281e+00 -9.958298e-01 1.218552e+00

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##          7          7          7          7          7
## 1.776808e+00 5.272497e-01 8.366518e-01 3.477690e-01 -2.890258e+00
##          7          7          7          7          7
## -1.548055e-01 9.886071e-01 -6.786839e-01 1.528971e+00 6.904727e-01
##          7          7          7          7          7
## 9.637516e-01 1.311958e+00 -5.516426e-01 1.781217e+00 -1.192156e+00
##          7          7          7          7          7
## 2.137963e-01 8.570082e-01 9.670995e-01 -3.236446e-02 4.456677e-01
##          7          7          7          7          7
## -1.973153e-01 1.992664e+00 -5.788722e-03 1.383175e+00 1.868780e+00
##          7          7          7          7          7
## -6.733679e+00 1.164592e+00 4.118536e-01 1.073540e+00 1.523334e+00
##          7          7          7          7          7
## -1.075187e-01 -2.719435e-01 1.835897e+00 3.598976e-01 -5.452939e-01
##          7          7          7          7          7
## 1.138643e+00 -7.126356e-01 2.049453e+00 2.281195e-01 -4.127312e-01
##          7          7          7          7          7
## 1.512048e+00 -2.890258e+00 8.223504e-01 1.397696e+00 2.719522e+00
##          7          7          7          7          7
## 7.751041e-01 -2.890258e+00 1.254702e+00 1.196977e-01 6.875246e-01
##          7          7          7          7          7
## 1.513829e-01 -5.493874e-01 -1.695322e+00 -1.901261e-01 -1.505116e+00
##          7          7          7          7          7
## 5.159403e-01 1.640620e+00 -7.505829e-01 6.632733e-01 5.315078e-01
##          7          7          7          7          7
## 1.772329e+00 1.396847e+00 -7.420792e+00 3.992737e-01 -3.837914e-01
##          7          7          7          7          7
## 1.753451e-01 -1.657193e+00 2.324601e-01 -8.033877e-01 -1.089022e-01
##          7          7          7          7          7
## 1.395447e+00 6.019732e-01 -2.890258e+00 1.030464e+00 1.244742e+00
##          7          7          7          7          7
## 1.048363e+00 1.085267e+00 4.560820e-02 2.044753e-01 -5.405224e-03
##          7          7          7          7          7
## -9.939470e-02 7.290018e-01 1.658138e-02 -8.282979e-01 -1.094153e+00
##          7          7          7          7          7
## 2.211644e-01 1.227788e-01 9.085250e-01 6.769164e-01 9.533525e-01
##          7          7          7          7          7
## -6.733679e+00 -6.733679e+00 -1.390988e-01 7.115773e-01 7.352866e-02
##          7          7          7          7          7
## 5.049205e-01 -1.470120e-01 6.422645e-01 -5.733378e-01 -1.292832e-01
##          7          7          7          7          7
## 1.266049e-01 -2.890258e+00 -4.259070e-01 2.469051e-01 -1.225318e-01
##          7          7          7          7          7
## 6.039723e-01 1.686874e-01 -1.631349e-01 6.940654e-01 5.065991e-02
##          7          7          7          7          7
## 3.721705e+00 -7.913305e-01 7.607584e-01 -1.292566e+00 9.483555e-02
##          7          7          7          7          7
## 1.277180e+00 -7.291327e+00 1.863682e+00 2.427627e-01 5.976484e-01
##          7          7          7          7          7
## 1.395816e-01 1.319284e+00 -8.337177e-01 -6.733679e+00 -6.733679e+00
##          7          7          7          7          7
## 9.779351e-01 9.554199e-01 -1.656474e+00 7.620448e-01 4.885220e-01
##          7          7          7          7          7
## 2.910757e-01 1.169671e-01 -4.105861e-01 -5.334126e-01 -7.291327e+00

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##          7          7          7          7          7
## -7.150310e+00 9.085214e-01 -2.890258e+00 9.590889e-01 1.348738e-01
##          7          7          7          7          7
## 6.383851e-01 6.219983e-01 2.649975e-01 -1.037611e+00 -2.890258e+00
##          7          7          7          7          7
## 2.024199e+00 7.057093e-01 -1.039980e+00 1.575585e+00 -8.425728e-01
##          7          7          7          7          7
## 3.966813e-01 1.507409e+00 -7.291327e+00 -2.094920e-02 6.148120e-01
##          7          7          7          7          7
## 1.770720e+00 3.507565e-01 2.290831e+00 5.186844e-01 -6.733679e+00
##          7          7          7          7          7
## 8.808802e-01 -1.686485e-01 -3.661207e-01 8.838444e-01 1.362651e+00
##          7          7          7          7          7
## 2.622621e-01 -2.438426e-01 8.021358e-01 3.473239e-01 -3.253521e-01
##          7          7          7          7          7
## 5.072609e-01 -3.803629e-01 2.649142e-01 1.419159e+00 -5.208810e-01
##          7          7          7          7          7
## 6.524811e-01 -4.059267e-01 7.187113e-01 1.789648e+00 6.277132e-01
##          7          7          7          7          7
## 1.007213e+00 1.419111e+00 2.662906e+00 1.184640e-01 1.080202e+00
##          7          7          7          7          7
## -6.733679e+00 6.236701e-01 1.930644e+00 3.189227e-01 -1.541088e-02
##          7          7          7          7          7
## 1.830843e+00 -2.024139e-01 3.126978e-01 -3.600084e-01 -7.420792e+00
##          7          7          7          7          7
## 1.833840e-01 1.329112e+00 8.812031e-01 9.796523e-01 6.810512e-01
##          7          7          7          7          7
## 4.680293e-01 1.255684e+00 -4.609325e-01 -7.129881e+00 -6.733679e+00
##          7          7          7          7          7
## -8.625290e-01 7.082529e-02 2.053181e+00 -1.241059e-01 3.672164e-01
##          7          7          7          7          7
## -1.019668e+00 1.589013e+00 -2.890258e+00 4.273358e-01 8.628998e-01
##          7          7          7          7          7
## -9.085851e-01 1.158438e+00 4.349809e-01 -6.283740e-01 9.849708e-01
##          7          7          7          7          7
## -1.789272e-01 1.561420e+00 -1.219161e+00 1.067771e+00 7.067496e-01
##          7          7          7          7          7
## 5.642691e-01 -6.733679e+00 6.290413e-01 2.648985e+00 2.706661e-02
##          7          7          7          7          7
## 8.204627e-01 1.269819e+00 1.065176e+00 1.106439e-01 8.497968e-01
##          7          7          7          7          7
## 1.364139e+00 -1.835652e-01 2.486510e-01 -3.090451e-01 -1.199260e-01
##          7          7          7          7          7
## 9.637195e-01 5.419099e-01 -7.291327e+00 1.114027e+00 1.183531e+00
##          7          7          7          7          7
## -2.507913e-01 1.972525e-01 3.663164e-01 -1.052584e-01 3.862236e-01
##          7          7          7          7          7
## 1.620787e+00 8.634410e-01 -1.141089e-01 1.101589e+00 -2.890258e+00
##          7          7          7          7          7
## 1.090693e+00 4.405625e-01 7.289609e-01 -9.589677e-01 -4.558100e-02
##          7          7          7          7          7
## -6.733679e+00 1.102161e+00 -7.119391e-01 2.862078e-01 8.778201e-01
##          7          7          7          7          7
## -1.945739e+00 -7.420792e+00 3.485073e-01 1.324139e+00 -9.580625e-02

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##          7          7          7          7          7
## 9.025947e-02 1.654404e+00 6.251564e-01 3.725005e-01 7.895265e-01
##          7          7          7          7          7
## 4.034623e-01 6.132257e-01 -2.890258e+00 -3.585801e-02 -1.933293e-01
##          7          7          7          7          7
## -4.988980e-01 7.834163e-01 1.668402e+00 4.284665e-01 6.828482e-01
##          7          7          7          7          7
## 4.354008e-01 -1.628914e-03 6.097754e-01 2.317678e-01 1.473424e+00
##          7          7          7          7          7
## 6.961067e-01 -4.202428e-01 4.029641e-01 5.301792e-01 8.256692e-01
##          7          7          7          7          7
## 9.945505e-01 1.917069e+00 7.824523e-01 -3.861279e-01 -1.010308e+00
##          7          7          7          7          7
## 1.142900e+00 -2.890258e+00 6.481777e-01 6.212786e-01 -1.024166e+00
##          7          7          7          7          7
## 2.671028e-01 1.697882e-01 1.170599e+00 1.006920e+00 -6.620517e-01
##          7          7          7          7          7
## 7.116655e-01 -1.330492e-01 -6.721662e-01 -3.625544e-02 1.491112e+00
##          7          7          7          7          7
## 1.405469e+00 1.582246e+00 2.096329e-01 3.872121e-01 2.705693e-02
##          7          7          7          7          7
## 1.645308e+00 1.101944e+00 1.403659e+00 8.407043e-01 -1.188812e+00
##          7          7          7          7          7
## 1.202583e+00 1.406702e+00 1.227427e+00 4.331591e-01 -1.353002e+00
##          7          7          7          7          7
## 3.727375e-01 6.561616e-01 2.263607e+00 1.394782e+00 1.294615e+00
##          7          7          7          7          7
## 1.378915e+00 2.178137e-01 1.185041e+00 -2.890258e+00 -2.063849e+00
##          7          7          7          7          7
## 1.314611e+00 1.002911e+00 1.542130e+00 -6.165902e-01 1.765005e+00
##          7          7          7          7          7
## 5.906591e-01 1.146161e-01 -1.451141e+00 1.084711e+00 1.303471e+00
##          7          7          7          7          7
## 1.661683e+00 -1.255359e-02 1.011588e+00 1.359219e+00 4.131912e-01
##          7          7          7          7          7
## 3.900028e-01 1.182339e+00 7.068774e-01 1.216212e+00 2.418835e+00
##          7          7          7          7          7
## 1.285106e+00 7.661228e-01 3.079936e-02 2.159384e+00 1.744348e-01
##          7          7          7          7          7
## 3.600321e-01 -5.445156e-01 4.198640e-01 5.970257e-01 5.495838e-01
##          7          7          7          7          7
## -2.191124e-01 -7.455114e-02 7.914982e-02 2.019040e+00 9.282818e-01
##          7          7          7          7          7
## 7.093934e-01 7.548984e-01 1.393609e+00 2.415029e+00 -2.165202e-01
##          7          7          7          7          7
## 1.940339e+00 1.633604e+00 1.025564e+00 -1.822686e-01 1.315360e+00
##          7          7          7          7          7
## 9.000990e-01 4.549444e-01 7.991359e-01 2.947719e-01 1.828373e+00
##          7          7          7          7          7
## 3.667353e-01 -2.890258e+00 2.616473e-01 6.624501e-01 2.150265e+00
##          7          7          7          7          7
## 1.411622e+00 5.027555e-01 9.803222e-01 1.141466e-01 -6.733679e+00
##          7          7          7          7          7
## 1.607086e+00 -7.420792e+00 1.061040e-01 1.050100e+00 -2.542207e-01

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##          7          7          7          7          7
## -5.163774e-01  5.599939e-01  1.127304e+00  5.774631e-01 -1.246982e-01
##          7          7          7          7          7
##  8.920037e-01  1.725792e-01  1.375699e+00  9.605636e-02  6.079276e-02
##          7          7          7          7          7
## -3.570236e-01  1.219314e+00  2.082088e+00  5.900738e-01 -2.890258e+00
##          7          7          7          7          7
##  1.559288e+00  1.307725e-01  1.270922e+00  1.911523e+00  5.827729e-01
##          7          7          7          7          7
##  1.948004e-01  1.706787e-01  5.511507e-01 -1.939280e+00 -5.495987e-01
##          7          7          7          7          7
## -2.890258e+00  1.476987e-01  9.552322e-02 -1.168016e+00  2.723961e-01
##          7          7          7          7          7
## -3.411530e-01  5.460087e-01 -6.676182e-02 -7.290872e-01  9.393113e-01
##          7          7          7          7          7
##  3.784836e-02 -2.890258e+00 -1.336521e-01  1.451826e+00 -6.733679e+00
##          7          7          7          7          7
##  1.482559e-01  1.064192e+00  8.419670e-01 -7.129881e+00  1.416436e-01
##          7          7          7          7          7
##  2.513647e-01 -2.264015e-01  8.952366e-01 -1.066175e+00 -2.175879e-01
##          7          7          7          7          7
## -4.426874e-01  8.559027e-02  7.342443e-01  2.651246e-01 -3.418501e-01
##          7          7          7          7          7
##  1.029606e+00  4.285988e-01  4.466464e-01  7.920647e-02  5.171168e-02
##          7          7          7          7          7
##  1.017314e+00  1.426125e+00  2.435726e+00 -1.697464e-02 -2.370515e-01
##          7          7          7          7          7
##  7.818925e-01  3.673938e-01  8.433679e-01  5.683575e-01  1.282303e+00
##          7          7          7          7          7
##  9.877165e-01  2.231735e-01  6.452860e-01 -6.733679e+00  2.101801e+00
##          7          7          7          7          7
## -9.325222e-02  8.052624e-01  6.295315e-01  5.587890e-01  2.366715e-02
##          7          7          7          7          7
##  6.714833e-01 -1.017204e+00  9.974042e-02 -3.782196e-01  1.319370e+00
##          7          7          7          7          7
## -4.758426e-02  6.561951e-01  1.277459e+00 -2.890258e+00 -7.420792e+00
##          7          7          7          7          7
## -1.087650e-01  1.263332e+00  5.534155e-01  1.226812e+00  1.721358e+00
##          7          7          7          7          7
##  4.627468e-01  1.190346e+00 -5.608484e-02  7.140415e-01 -2.160697e+00
##          7          7          7          7          7
##  3.575365e-01  4.860189e-01  1.178093e-01  7.776035e-01 -2.855627e-01
##          7          7          7          7          7
##  1.832052e-03 -6.191549e-01  8.868963e-01  8.221358e-01  3.109012e-02
##          7          7          7          7          7
## -5.015617e-01  2.155576e+00  1.174358e-01 -5.060786e-01  6.234777e-01
##          7          7          7          7          7
## -5.974442e-01  7.951876e-01  2.330332e+00  5.017274e-01  2.407283e-01
##          7          7          7          7          7
## -5.015069e-01  4.526793e-02  1.057587e+00  6.233837e-01  1.239291e+00
##          7          7          7          7          7
##  5.534974e-01 -1.136603e+00  1.936828e+00 -9.885753e-03 -2.890258e+00
##          7          7          7          7          7
##  1.034882e+00 -2.890258e+00  5.858962e-01  1.838763e+00  4.029442e-01

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##          7          7          7          7          7
## 1.224410e+00 1.525769e+00 4.611763e-01 2.254004e+00 8.447831e-02
##          7          7          7          7          7
## 7.166048e-01 1.841488e+00 7.893327e-01 -8.082432e-02 5.904486e-02
##          7          7          7          7          7
## 1.254955e+00 -9.167022e-02 3.080793e-01 1.082860e+00 1.033632e+00
##          7          7          7          7          7
## 6.275184e-01 1.789999e+00 6.605123e-01 1.535609e+00 5.268693e-02
##          7          7          7          7          7
## 3.492690e-01 9.838147e-01 1.283737e+00 1.688424e+00 1.472872e+00
##          7          7          7          7          7
## -5.172091e-01 2.165485e+00 1.301230e-01 8.904005e-01 7.190628e-01
##          7          7          7          7          7
## -8.008783e-02 3.469375e+00 6.082929e-01 -4.971133e-01 1.508546e+00
##          7          7          7          7          7
## 8.428624e-01 5.072177e-01 1.344872e+00 -8.157589e-01 1.685943e+00
##          7          7          7          7          7
## 1.179022e-01 -1.285496e-01 -8.543661e-01 -4.053131e-01 1.782177e+00
##          7          7          7          7          7
## 7.660351e-02 -3.249994e-01 6.480496e-01 -1.032980e-01 8.679243e-01
##          7          7          7          7          7
## -4.528601e-02 4.289210e-01 5.131688e-01 -1.691706e+00 -7.129881e+00
##          7          7          7          7          7
## 1.111274e+00 2.221211e-01 1.257131e+00 -8.307340e-01 -5.696759e-01
##          7          7          7          7          7
## -1.982904e+00 6.241307e-01 -4.728941e-02 1.887205e+00 5.303724e-02
##          7          7          7          7          7
## -6.733679e+00 7.134856e-01 -1.479029e-01 2.191499e-01 1.330759e+00
##          7          7          7          7          7
## 7.105187e-01 1.518220e+00 1.782403e-01 1.189064e+00 7.185593e-01
##          7          7          7          7          7
## -8.189606e-02 -3.214176e-01 8.326213e-01 8.715098e-01 -1.145034e+00
##          7          7          7          7          7
## -7.735195e-01 1.745053e+00 6.288470e-01 -6.733679e+00 9.217668e-01
##          7          7          7          7          7
## 9.911376e-01 -2.303388e-02 -2.295973e-01 -3.630146e-01 4.539294e-01
##          7          7          7          7          7
## 4.416542e-01 2.485413e-01 7.349373e-01 9.586989e-01 1.496919e+00
##          7          7          7          7          7
## 2.006817e+00 8.807162e-02 1.108415e+00 4.759144e-01 4.537248e-01
##          7          7          7          7          7
## 2.027994e-01 -1.602838e-01 3.264663e-01 -7.291327e+00 1.489527e+00
##          7          7          7          7          7
## 6.390563e-01 5.130625e-01 -6.733679e+00 3.360230e-01 1.400167e+00
##          7          7          7          7          7
## 7.604512e-01 8.228272e-01 2.742964e-01 -5.177779e-01 1.167010e+00
##          7          7          7          7          7
## -7.033716e-01 1.996779e-01 -3.215785e-01 1.086986e+00 -4.913511e-01
##          7          7          7          7          7
## 8.400000e-01 9.597404e-01 -2.890258e+00 -8.433074e-01 1.205853e+00
##          7          7          7          7          7
## 7.765158e-01 2.031761e-01 3.745658e-01 -2.835897e-01 1.062839e+00
##          7          7          7          7          7
## 8.898981e-01 2.938638e+00 1.164111e+00 1.445538e+00 8.911124e-01

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##          7          7          7          7          7
## 9.038887e-01 -6.038373e-01 1.258279e+00 1.364167e-01 -6.443811e-01
##          7          7          7          7          7
## 7.403878e-01 1.444647e+00 -2.890258e+00 -1.252896e+00 7.481811e-01
##          7          7          7          7          7
## 4.904736e-02 -4.491587e-01 2.279266e-01 1.290261e+00 8.469509e-01
##          7          7          7          7          7
## 1.570668e+00 -2.890258e+00 1.322196e+00 2.029056e-02 9.069748e-01
##          7          7          7          7          7
## 7.760597e-01 5.163911e-01 -2.890258e+00 -4.909537e-01 1.646259e+00
##          7          7          7          7          7
## -1.227256e+00 -3.918735e-01 1.130019e+00 -2.890258e+00 -2.821109e-01
##          7          7          7          7          7
## 4.957176e-01 1.014437e+00 1.231537e+00 7.900225e-01 7.833422e-01
##          7          7          7          7          7
## -1.751206e-01 3.988399e-01 -1.181106e+00 -6.733679e+00 2.335144e-01
##          7          7          7          7          7
## 3.856066e-01 9.468061e-02 1.206794e+00 5.537384e-01 7.947166e-01
##          7          7          7          7          7
## 1.129864e-01 7.815903e-01 8.816238e-01 1.452924e-01 8.031843e-01
##          7          7          7          7          7
## 7.635313e-01 -3.369223e-01 -3.826551e-01 -5.294708e-01 1.572535e-01
##          7          7          7          7          7
## 1.089518e+00 2.278398e-01 -2.890258e+00 2.019495e+00 -1.663124e+00
##          7          7          7          7          7
## 9.632601e-01 6.792136e-01 1.044976e+00 9.286732e-01 5.652381e-01
##          7          7          7          7          7
## 8.208634e-01 -6.733679e+00 5.263678e-01 -3.676768e-01 1.029386e+00
##          7          7          7          7          7
## 5.880019e-01 2.196724e-01 1.296362e+00 -5.909797e-01 -2.890258e+00
##          7          7          7          7          7
## -4.538887e-01 7.712693e-01 4.156188e-02 2.760831e-01 -3.202256e-01
##          7          7          7          7          7
## 2.703388e+00 -1.175260e+00 3.546332e-02 9.672630e-01 -1.029122e-01
##          7          7          7          7          7
## 6.288410e-01 -7.679089e-01 5.880003e-01 2.305342e-01 1.077421e+00
##          7          7          7          7          7
## -2.524523e-02 -5.618090e-01 1.658210e+00 1.477351e+00 -2.165963e-01
##          7          7          7          7          7
## 6.688671e-01 1.071213e+00 -6.644657e-01 -6.733679e+00 4.258824e-01
##          7          7          7          7          7
## -8.848142e-01 1.900144e-02 -2.890258e+00 4.083597e-01 5.229062e-02
##          7          7          7          7          7
## -2.890258e+00 -7.129881e+00 7.269464e-01 4.258824e-01 -3.603882e-01
##          7          7          7          7          7
## 8.743074e-01 1.197698e-01 7.779381e-01 2.945884e-01 -9.474838e-01
##          7          7          7          7          7
## 2.214239e-01 2.368909e-01 8.144312e-01 2.306728e+00 -4.198810e-01
##          7          7          7          7          7
## 8.743819e-01 1.117357e+00 -5.530722e-01 1.092427e+00 3.420672e-01
##          7          7          7          7          7
## 1.084125e+00 -1.089826e+00 -2.152543e-01 1.422423e+00 9.880539e-02
##          7          7          7          7          7
## -2.496630e-01 8.865641e-01 -6.733679e+00 3.587913e-01 1.511199e+00

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##          7          7          7          7          7
## 7.945105e-01 -1.111354e-01 4.284839e-01 -2.890258e+00 2.749670e-01
##          7          7          7          7          7
## 6.134169e-01 -8.887768e-01 -6.809748e-01 1.401716e+00 6.505661e-01
##          7          7          7          7          7
## 2.280770e-01 8.116344e-01 5.842128e-01 -6.733679e+00 1.158841e+00
##          7          7          7          7          7
## 7.458383e-01 6.821475e-01 1.217858e+00 -4.784083e-01 1.440206e+00
##          7          7          7          7          7
## 1.491112e+00 1.365930e+00 -1.325559e-01 1.437286e+00 5.019128e-01
##          7          7          7          7          7
## 1.545427e-01 1.018398e-01 -2.767568e-01 -4.319623e-01 1.721996e+00
##          7          7          7          7          7
## 1.095777e+00 6.133481e-01 -7.420792e+00 1.301669e+00 2.422861e+00
##          7          7          7          7          7
## -1.024315e+00 -2.490102e-01 6.565625e-01 -6.733679e+00 -4.226875e-02
##          7          7          7          7          7
## -1.279344e+00 1.576746e+00 9.569745e-01 -7.129881e+00 3.722749e-01
##          7          7          7          7          7
## 5.628162e-01 1.069571e+00 2.638100e-01 5.041785e-01 -1.569691e+00
##          7          7          7          7          7
## -2.890258e+00 5.270072e-01 -1.821151e-01 -5.927729e-01 9.239133e-01
##          7          7          7          7          7
## 4.211170e-02 6.696763e-03 2.158461e+00 1.113340e-01 -1.670949e-01
##          7          7          7          7          7
## -7.420792e+00 -1.289807e-01 2.482803e-01 -7.614148e-02 1.546064e+00
##          7          7          7          7          7
## 5.210363e-01 2.028025e-02 -7.855951e-01 8.164227e-01 1.784164e+00
##          7          7          7          7          7
## -1.623036e+00 6.969148e-01 5.314506e-01 -2.890258e+00 -6.733679e+00
##          7          7          7          7          7
## 8.298248e-01 1.631441e+00 4.088920e-01 3.377030e-01 -5.323873e-01
##          7          7          7          7          7
## 1.327540e-01 6.801217e-01 -7.673575e-01 2.605169e-01 -7.291327e+00
##          7          7          7          7          7
## 1.501239e-01 -6.213198e-01 5.451677e-01 1.919901e+00 1.721042e-01
##          7          7          7          7          7
## 1.717794e-01 -7.150310e+00 2.893206e-01 -2.890258e+00 9.128174e-01
##          7          7          7          7          7
## 8.314169e-01 -1.776771e+00 1.145065e-01 -4.916057e-01 -1.359991e+00
##          7          7          7          7          7
## 1.346323e+00 -3.535467e-01 -8.187731e-02 -6.213673e-03 -2.890258e+00
##          7          7          7          7          7
## -2.890258e+00 5.812073e-01 -1.287945e+00 -9.841078e-01 2.379025e-02
##          7          7          7          7          7
## 2.573293e-01 5.107629e-01 4.032429e-01 2.878899e-01 -1.949546e-01
##          7          7          7          7          7
## 1.978477e+00 3.980192e-01 1.088667e+00 1.076169e+00 1.002335e+00
##          7          7          7          7          7
## 1.478511e+00 2.461946e-01 1.080627e-01 1.569627e+00 -1.386688e+00
##          7          7          7          7          7
## 6.982763e-01 -1.608547e-01 -9.232332e-02 -1.067459e+00 1.395518e+00
##          7          7          7          7          7
## 7.624162e-01 4.288025e-01 -1.291876e-01 -4.957782e-01 1.278995e+00

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##          7          7          7          7          7
## -5.623473e-01  3.349191e-01  5.843378e-01 -2.890258e+00  1.323554e+00
##          7          7          7          7          7
## -2.890258e+00 -2.890258e+00  4.404262e-01  1.435761e-01  6.083407e-01
##          7          7          7          7          7
## 1.743699e+00  2.321857e+00  1.524123e+00  3.497418e-01  3.371451e-01
##          7          7          7          7          7
## 7.342147e-01 -7.448591e-02  1.191931e+00  1.518026e-01 -1.495865e-01
##          7          7          7          7          7
## 6.592000e-01 -6.212875e-01  7.714722e-01  2.643605e-01  1.048980e+00
##          7          7          7          7          7
## -7.129881e+00 -2.189350e-01  1.550632e+00  7.228352e-01 -9.731431e-01
##          7          7          7          7          7
## -5.413965e-01 -1.723451e-01  1.298167e+00 -6.733679e+00 -3.266114e-01
##          7          7          7          7          7
## 9.742993e-02  1.587990e-02  7.829422e-01  2.511735e+00  7.614024e-01
##          7          7          7          7          7
## 3.383738e-01 -2.890258e+00  2.039569e-01  6.580817e-01 -6.733679e+00
##          7          7          7          7          7
## 9.002302e-01 -5.996568e-01 -1.016515e+00 -3.282825e-01  8.934196e-01
##          7          7          7          7          7
## 4.407739e-01  7.731257e-02 -1.797216e-01  1.268048e-01 -7.291327e+00
##          7          7          7          7          7
## 1.110961e+00  1.906789e-02  7.050923e-01  1.146117e+00  9.539079e-01
##          7          7          7          7          7
## 4.135062e-01  4.194812e-01  8.284454e-01  7.598228e-01  4.150154e-01
##          7          7          7          7          7
## 1.336911e+00  3.671875e-01 -3.875551e-01  7.785974e-01  7.956092e-01
##          7          7          7          7          7
## 1.176836e+00  1.208085e+00  7.802158e-01 -1.279840e+00  1.556661e-01
##          7          7          7          7          7
## 1.330960e-01  3.289397e-01  1.679399e+00  1.095777e+00 -3.717563e-01
##          7          7          7          7          7
## 8.066594e-01  5.835180e-01  4.380417e-01 -4.376536e-01 -6.733679e+00
##          7          7          7          7          7
## 2.751859e-01  1.173940e+00  4.472461e-01 -3.887214e-01  1.154867e+00
##          7          7          7          7          7
## -3.780669e-01  4.258824e-01  1.083549e+00  3.790669e-01 -1.419879e-01
##          7          7          7          7          7
## -7.242538e-01  3.533789e-01  4.902011e-01  8.935498e-02  1.636404e+00
##          7          7          7          7          7
## 4.294418e-01  1.558850e-02 -1.030329e+00 -4.796947e-01  4.619205e-02
##          7          7          7          7          7
## 7.892623e-01 -1.698825e-01 -7.129881e+00 -7.426069e-01  1.414440e+00
##          7          7          7          7          7
## 3.266336e-01 -2.173822e-01  1.558392e+00  2.045625e+00  2.707347e-01
##          7          7          7          7          7
## -2.890258e+00  1.360520e+00 -6.147108e-01  6.167465e-01  5.010046e-01
##          7          7          7          7          7
## -1.691589e-01  1.078722e+00 -6.933625e-01  2.987180e-01  1.752318e+00
##          7          7          7          7          7
## 1.127054e+00 -2.323021e-01  5.129740e-01  2.282304e-01 -1.536784e-01
##          7          7          7          7          7
## 8.824909e-01  7.438030e-01 -1.483241e-01  1.511003e+00  1.908687e+00

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##          7          7          7          7          7
## 1.426386e+00 2.235150e+00 1.426998e+00 5.249733e-01 1.334740e+00
##          7          7          7          7          7
## -4.649879e-01 7.994297e-01 1.569055e-01 3.537514e-01 -1.272603e-01
##          7          7          7          7          7
## -5.487762e-01 -1.313151e-01 3.096599e-01 -1.648195e-01 7.825076e-01
##          7          7          7          7          7
## -5.836567e-01 2.883485e-01 1.086653e+00 6.780338e-01 -4.179038e-01
##          7          7          7          7          7
## -1.080643e-01 -6.733679e+00 4.156601e-01 -2.890258e+00 1.248280e+00
##          7          7          7          7          7
## 1.844627e-01 1.024694e+00 8.663782e-01 1.428458e+00 -2.919868e-02
##          7          7          7          7          7
## -3.672313e-01 7.416061e-01 3.014233e-01 -2.890258e+00 -2.657373e-01
##          7          7          7          7          7
## 1.399120e-01 -3.483731e-01 -1.178445e+00 1.532855e+00 8.872360e-01
##          7          7          7          7          7
## 1.829749e+00 1.258420e+00 -9.052328e-01 1.590354e+00 1.245007e+00
##          7          7          7          7          7
## 3.032131e-01 8.825581e-01 6.510134e-01 -4.101089e-02 -4.227134e-01
##          7          7          7          7          7
## 8.924891e-01 -1.232238e+00 8.386344e-02 -7.150310e+00 3.312881e-01
##          7          7          7          7          7
## 9.821949e-01 1.773284e+00 -7.855393e-01 4.503972e-02 7.576411e-01
##          7          7          7          7          7
## -2.604392e-01 6.070071e-02 4.777711e-01 4.444582e-01 2.673784e+00
##          7          7          7          7          7
## 1.466568e+00 1.441219e+00 -4.295810e-01 7.630799e-01 1.348399e+00
##          7          7          7          7          7
## 1.726243e+00 -2.890258e+00 1.400846e+00 -2.856033e-01 1.035821e-01
##          7          7          7          7          7
## 6.367412e-01 8.990901e-01 -6.733679e+00 -6.733679e+00 -9.439082e-01
##          7          7          7          7          7
## -3.815731e-01 -2.598745e-01 1.671152e-01 -1.214891e+00 5.154400e-01
##          7          7          7          7          7
## 6.860374e-02 1.173005e+00 4.090981e-02 -1.104500e+00 -6.994891e-01
##          7          7          7          7          7
## -4.301288e-02 4.625662e-01 9.009368e-01 -5.077494e-01 -1.554973e+00
##          7          7          7          7          7
## -8.172728e-02 1.090767e+00 -3.555771e-01 -2.890258e+00 2.973097e-02
##          7          7          7          7          7
## 8.689258e-01 7.503962e-01 -4.704968e-01 1.472475e+00 -2.508774e-01
##          7          7          7          7          7
## 1.079172e+00 1.631588e-01 1.241113e+00 2.158076e+00 5.390935e-01
##          7          7          7          7          7
## 2.996560e-01 8.247296e-01 1.915140e+00 1.264043e+00 1.547957e+00
##          7          7          7          7          7
## 1.190957e+00 7.239394e-01 -5.392003e-01 1.252246e+00 4.966381e-02
##          7          7          7          7          7
## -6.156416e-01 -6.651584e-01 1.140133e+00 -8.307672e-02 -3.796461e-01
##          7          7          7          7          7
## -7.243353e-01 7.191127e-01 -1.767395e-01 -2.514472e-01 3.086864e-01
##          7          7          7          7          7
## 2.259731e-01 1.554640e+00 -4.886209e-01 9.872870e-01 -2.890258e+00

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##          7          7          7          7          7
## 4.273358e-01 1.304721e+00 1.091771e+00 1.618235e+00 6.337073e-02
##          7          7          7          7          7
## -2.890258e+00 1.895175e-01 2.452306e-01 4.859566e-01 2.132109e+00
##          7          7          7          7          7
## 7.000780e-01 -4.082144e-01 -3.508010e-02 2.062502e-01 -8.622260e-01
##          7          7          7          7          7
## 1.881896e-02 2.392224e+00 -1.356936e+00 -7.232573e+00 1.327460e+00
##          7          7          7          7          7
## 6.739715e-01 4.457087e-01 1.707155e+00 1.214987e+00 -5.353746e-01
##          7          7          7          7          7
## 1.180930e+00 -7.291327e+00 1.769937e+00 8.995723e-01 1.615195e-01
##          7          7          7          7          7
## 7.974621e-01 1.765082e+00 6.493033e-01 4.794419e-01 1.748005e+00
##          7          7          7          7          7
## -2.890258e+00 -7.291327e+00 6.024384e-01 -5.578061e-01 -6.733679e+00
##          7          7          7          7          7
## 4.655424e-01 -2.890258e+00 1.304502e+00 2.182883e+00 -2.934855e-02
##          7          7          7          7          7
## 2.072649e+00 1.671817e+00 1.547707e+00 1.152618e+00 8.377852e-01
##          7          7          7          7          7
## -7.129881e+00 1.019715e+00 -5.213042e-01 7.103561e-02 -1.585910e+00
##          7          7          7          7          7
## 9.499787e-01 -2.155726e-01 -8.719145e-01 -2.290863e-01 -2.579765e-01
##          7          7          7          7          7
## -3.598441e-02 1.621133e+00 2.660806e-01 5.063915e-01 9.928013e-02
##          7          7          7          7          7
## 8.903810e-01 6.804213e-01 -6.036992e-01 -1.867353e-01 5.690878e-01
##          7          7          7          7          7
## -1.850161e-01 1.412243e-01 -7.271682e-01 1.081109e+00 8.032403e-01
##          7          7          7          7          7
## 1.400553e+00 8.645662e-01 1.614505e+00 1.627251e+00 1.190894e+00
##          7          7          7          7          7
## -3.712965e-02 1.314872e+00 2.410512e-01 2.535022e-01 7.873429e-01
##          7          7          7          7          7
## 6.527315e-01 -3.040194e-01 1.393120e+00 6.424606e-01 -1.017097e+00
##          7          7          7          7          7
## -5.134265e-03 -7.420792e+00 8.559449e-02 -3.726663e-02 1.048268e+00
##          7          7          7          7          7
## -5.878238e-02 4.512847e-01 1.299357e+00 -2.067124e-01 2.088403e-01
##          7          7          7          7          7
## 6.256983e-01 1.332281e+00 -2.890258e+00 1.096488e+00 7.165460e-01
##          7          7          7          7          7
## 4.521711e-01 -3.938309e-01 1.491574e+00 -7.291327e+00 -8.758161e-01
##          7          7          7          7          7
## -8.577014e-02 3.257584e-01 -2.192616e-01 8.703919e-01 -9.321397e-02
##          7          7          7          7          7
## 4.973524e-01 3.227685e-01 -1.967271e-01 1.257646e+00 -2.890258e+00
##          7          7          7          7          7
## 2.166215e-02 -6.733679e+00 8.192967e-01 1.553661e+00 6.149316e-01
##          7          7          7          7          7
## -2.890258e+00 4.342447e-01 1.146132e+00 -7.150310e+00 6.009069e-01
##          7          7          7          7          7
## 8.511609e-01 -3.785581e-01 1.524490e+00 1.309108e+00 2.201436e+00

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##          7          7          7          7          7
## 1.838887e-01 6.383287e-01 -7.420792e+00 3.159922e-01 9.712069e-01
##          7          7          7          7          7
## 6.307554e-01 6.655979e-01 -7.129881e+00 2.527794e-01 7.020903e-01
##          7          7          7          7          7
## 9.703457e-01 1.010195e+00 -6.579848e-01 -7.420792e+00 -1.531620e+00
##          7          7          7          7          7
## 1.071040e+00 3.864873e-01 -6.733679e+00 -1.765543e-01 1.827403e-01
##          7          7          7          7          7
## 5.489536e-01 9.615666e-01 1.592166e+00 8.921185e-01 -5.013974e-01
##          7          7          7          7          7
## 1.247362e+00 -3.747064e-01 1.281555e+00 -8.886080e-02 2.358212e-01
##          7          7          7          7          7
## -2.133624e-01 -1.233823e-01 2.021748e-01 9.607594e-02 1.254697e+00
##          7          7          7          7          7
## 3.658667e-01 -1.377078e+00 6.690511e-01 2.852561e-01 -4.036941e-01
##          7          7          7          7          7
## 7.171772e-02 1.171186e+00 4.968268e-01 8.038426e-01 -1.538531e+00
##          7          7          7          7          7
## -1.337819e-01 9.719096e-01 -2.350150e-01 2.031761e-01 1.536154e+00
##          7          7          7          7          7
## -9.334212e-01 1.746740e+00 4.585187e-01 4.664268e-01 1.338094e+00
##          7          7          7          7          7
## 7.804253e-01 1.631712e+00 3.457069e-01 2.719961e-01 1.824149e-02
##          7          7          7          7          7
## -1.675488e-01 5.097667e-01 1.685419e+00 9.696651e-01 9.116588e-01
##          7          7          7          7          7
## 3.493688e-01 -4.952462e-01 1.170618e+00 5.602588e-01 -8.346765e-01
##          7          7          7          7          7
## -2.798027e-02 8.605469e-01 2.213010e-01 1.000645e+00 -7.350724e-01
##          7          7          7          7          7
## 9.479156e-01 7.904125e-01 -8.384701e-02 2.577397e-01 5.849656e-01
##          7          7          7          7          7
## 3.767169e-01 6.219569e-01 1.082508e+00 4.071143e-02 1.746309e-01
##          7          7          7          7          7
## 1.589909e+00 1.240709e+00 9.888651e-02 1.534157e+00 4.814386e-02
##          7          7          7          7          7
## 5.271771e-01 4.292529e-01 6.222249e-01 4.232770e-03 -1.643228e+00
##          7          7          7          7          7
## 9.761669e-01 -3.147162e-01 8.066694e-01 9.442364e-01 7.968531e-01
##          7          7          7          7          7
## 1.751737e+00 -3.508095e-01 -7.576237e+00 -2.890258e+00 7.912355e-02
##          7          7          7          7          7
## -9.719747e-02 7.722732e-01 1.409413e+00 5.506585e-01 5.466792e-01
##          7          7          7          7          7
## 3.944016e-02 1.245342e+00 -1.383491e-01 -2.708961e-01 1.020595e+00
##          7          7          7          7          7
## 8.379622e-01 6.041747e-01 -1.088104e+00 1.537258e-01 5.092048e-01
##          7          7          7          7          7
## 8.116403e-01 1.083696e-01 2.297065e+00 4.932521e-01 1.337146e+00
##          7          7          7          7          7
## 7.039938e-01 1.262085e+00 1.967376e-01 8.876263e-01 2.453099e-01
##          7          7          7          7          7
## 1.606112e+00 2.446332e-01 2.237688e-01 1.211599e+00 2.037620e+00

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##          7          7          7          7          7
## 1.205153e+00 4.103551e-01 1.009995e+00 3.013393e-01 -1.636004e-02
##          7          7          7          7          7
## 3.780801e-01 -3.397071e-01 -6.918982e-01 1.497349e+00 -5.628889e-01
##          7          7          7          7          7
## 3.038843e-01 -1.346004e-01 1.279428e+00 6.684902e-01 1.237151e+00
##          7          7          7          7          7
## -6.733679e+00 -2.890258e+00 1.206273e+00 2.014432e-01 4.460602e-01
##          7          7          7          7          7
## -2.890258e+00 6.881412e-01 -4.640101e-01 7.122130e-01 4.634629e-01
##          7          7          7          7          7
## 1.161605e-01 3.043710e-02 -2.607324e-02 2.214427e+00 -1.349066e+00
##          7          7          7          7          7
## 1.020792e+00 9.583340e-01 -5.560715e-01 6.345525e-02 -6.236340e-01
##          7          7          7          7          7
## -4.280471e-02 -7.232573e+00 1.021223e+00 -3.913526e-02 6.384391e-01
##          7          7          7          7          7
## -6.235731e-01 6.622925e-01 -6.409429e-01 -2.663548e-01 1.240838e+00
##          7          10          10          10          10
## -7.777271e-01 5.134941e-01 1.073468e+00 -5.735587e+00 1.823734e+00
##          10          10          10          10          10
## -5.735587e+00 -3.251402e-01 1.932385e+00 1.354641e+00 3.739744e-01
##          10          10          10          10          10
## 1.321991e+00 4.852473e-01 -1.439569e+00 -1.136972e-01 -3.404905e-02
##          10          10          10          10          10
## 2.742593e+00 1.860830e+00 1.772981e+00 1.976022e+00 -5.735587e+00
##          10          10          10          10          10
## -2.560076e-02 5.306758e-01 9.987536e-01 2.004012e+00 2.066780e+00
##          10          10          10          10          10
## 1.080445e+00 -4.437675e-01 1.832739e+00 -4.199787e-01 1.981901e+00
##          10          10          10          10          10
## 1.157141e+00 1.478072e+00 9.187749e-01 2.199050e+00 1.174856e+00
##          10          10          10          10          10
## 9.141055e-02 9.556309e-01 1.349736e+00 1.824239e+00 7.562908e-01
##          10          10          10          10          10
## 2.956198e+00 -2.277966e+00 -2.277966e+00 1.108874e+00 1.685052e+00
##          10          10          10          10          10
## 2.193908e+00 -6.517589e+00 2.308803e+00 9.263478e-01 -6.121388e+00
##          10          10          10          10          10
## 2.024177e+00 7.686438e-01 -2.277966e+00 1.572467e+00 1.182992e+00
##          10          10          10          10          10
## -2.277966e+00 4.064751e-01 -6.679036e+00 1.023054e+00 1.007816e+00
##          10          10          10          10          10
## 1.861605e+00 1.198460e+00 9.438502e-01 -6.121388e+00 2.435938e+00
##          10          10          10          10          10
## 1.004453e+00 1.135938e+00 1.261368e+00 1.243282e+00 1.151428e+00
##          10          10          10          10          10
## 8.617472e-01 1.142102e+00 1.143097e+00 -7.908345e+00 7.483360e-01
##          10          10          10          10          10
## 4.597657e-01 1.194113e+00 8.896604e-01 -6.679036e+00 9.507393e-01
##          10          10          10          10          10
## 6.091257e-01 -5.735587e+00 3.345707e-01 -3.731087e-01 2.957949e-01
##          10          10          10          10          10
## -5.735587e+00 -6.121388e+00 -7.908345e+00 -6.963945e+00 1.273642e-01

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##          10          10          10          10          10
## -5.735587e+00  2.848259e-01  7.882099e-01  4.535710e-01  1.287062e+00
##          10          10          10          10          10
##  2.165938e+00  1.729648e+00  1.189281e+00  4.703400e-01  1.099978e+00
##          10          10          10          10          10
##  1.125024e+00  7.381092e-01  3.494419e-01  7.317226e-01  3.431539e-01
##          10          10          10          10          10
## -1.887042e-01 -5.735587e+00  1.753140e+00  2.542438e-01  6.225981e-01
##          10          10          10          10          10
## -6.121388e+00 -3.002101e-01 -1.102039e+00  8.306957e-01  9.829723e-01
##          10          10          10          10          10
##  1.198484e+00 -6.517589e+00  9.627508e-01  5.780373e-01 -2.386041e-01
##          10          10          10          10          10
##  2.843615e-01  5.421223e-01  1.193499e+00  5.051603e-01  8.165016e-01
##          10          10          10          10          10
##  6.590105e-01 -6.963945e+00  8.684992e-01  2.848451e+00  2.012539e+00
##          10          10          10          10          10
##  3.858386e-01 -2.277966e+00  5.241882e-01  1.272100e+00  1.238448e+00
##          10          10          10          10          10
## -6.517589e+00  1.160917e+00  3.267290e-01  1.747777e+00  1.970158e+00
##          10          10          10          10          10
##  3.194012e+00  1.517445e+00  1.631394e+00 -6.963945e+00 -6.538018e+00
##          10          10          10          10          10
##  1.379532e+00  1.941580e+00  2.234553e+00  8.096294e-03  1.327765e-01
##          10          10          10          10          10
##  6.813099e-01  1.730749e+00  1.660642e+00  1.308288e+00  6.091799e-01
##          10          10          10          10          10
##  4.831040e-01 -1.450476e-01  2.698411e+00  2.285658e-01  2.809155e-01
##          10          10          10          10          10
##  1.535987e+00  2.502417e-01 -2.277966e+00 -6.963945e+00  2.021279e+00
##          10          10          10          10          10
##  9.675258e-01  1.956249e+00  1.901372e+00  9.717954e-01  1.228267e+00
##          10          10          10          10          10
## -5.735587e+00 -3.732986e-01  1.935538e+00  1.897097e+00  1.636421e+00
##          10          10          10          10          10
## -3.967566e-01  1.902122e+00  2.046056e+00  4.001500e-01  2.027475e+00
##          10          10          10          10          10
##  2.263545e+00 -6.963945e+00  2.634855e+00  8.159225e-01  1.218246e+00
##          10          10          10          10          10
##  1.238711e+00 -2.364998e-01  8.582577e-01 -2.277966e+00  2.136631e+00
##          10          10          10          10          10
## -6.963945e+00  4.644117e-01  1.622223e+00  1.708069e+00  1.074236e+00
##          10          10          10          10          10
##  6.444781e-01  5.186770e-01  2.264140e+00  1.895880e+00  1.624031e-01
##          10          10          10          10          10
##  1.698073e+00  1.633095e+00  2.050373e+00  1.212199e+00  1.638626e+00
##          10          10          10          10          10
##  1.064994e+00  3.660602e-01  1.458603e+00  3.265310e-01  3.228311e-01
##          10          10          10          10          10
##  1.219737e+00  2.266761e+00  1.605483e+00 -6.517589e+00  9.479745e-01
##          10          10          10          10          10
##  1.171003e+00  7.863063e-02  1.590364e+00  1.586436e+00  1.468435e+00
##          10          10          10          10          10
##  1.687280e+00  1.675300e+00  4.398392e-01  9.680022e-01  1.709323e+00

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##          10          10          10          10          10
## 9.575253e-01 -2.850136e-01 9.637851e-01 2.365669e+00 2.783444e+00
##          10          10          10          10          10
## -1.336737e-02 1.002587e+00 2.439698e+00 1.212390e+00 1.607452e+00
##          10          10          10          10          10
## 1.073868e+00 5.560909e-01 -6.121388e+00 1.236422e+00 4.247355e+00
##          10          10          10          10          10
## 1.985443e+00 1.927164e+00 2.472737e+00 5.398439e-01 1.319685e+00
##          10          10          10          10          10
## 1.086693e+00 5.346383e-01 9.612038e-01 8.412037e-01 -6.517589e+00
##          10          10          10          10          10
## 1.159253e+00 -6.963945e+00 -6.047587e-01 6.374569e-01 -2.277966e+00
##          10          10          10          10          10
## -7.595218e-02 7.945694e-01 1.590482e-01 1.179220e+00 1.154195e+00
##          10          10          10          10          10
## 1.327342e+00 -6.963945e+00 -6.517589e+00 1.585317e+00 1.539586e+00
##          10          10          10          10          10
## 9.951711e-01 2.565164e-01 1.899912e+00 -6.517589e+00 1.483012e+00
##          10          10          10          10          10
## 2.106748e+00 -6.677675e-01 -6.963945e+00 6.253269e+00 2.827965e-01
##          10          10          10          10          10
## 1.063462e+00 7.240633e-01 1.306644e+00 -2.277966e+00 1.054269e+00
##          10          10          10          10          10
## 1.204989e+00 9.615228e-01 5.787644e-01 -6.517589e+00 -6.963945e+00
##          10          10          10          10          10
## 1.388248e-01 2.033767e+00 7.057646e-01 2.930473e-02 1.727174e+00
##          10          10          10          10          10
## 1.509818e+00 3.841047e-01 2.432922e+00 4.659160e+00 1.644397e+00
##          10          10          10          10          10
## 1.267262e+00 -5.735587e+00 7.207986e-01 4.951509e-02 1.675592e+00
##          10          10          10          10          10
## 9.581289e-01 9.452093e-01 -7.908345e+00 7.272751e-01 1.804004e+00
##          10          10          10          10          10
## 1.962287e+00 8.491825e-01 1.780129e+00 9.380501e-01 8.801531e-01
##          10          10          10          10          10
## 8.638374e-01 -7.804133e-01 -6.959325e-02 -2.277966e+00 -6.121388e+00
##          10          10          10          10          10
## -6.538018e+00 1.178142e-01 6.838273e-01 -4.817299e-02 -2.277966e+00
##          10          10          10          10          10
## 1.618637e+00 4.265034e-01 1.275709e-01 2.730337e-01 -6.963945e+00
##          10          10          10          10          10
## 1.880354e+00 7.405314e-01 9.751201e-01 2.517156e+00 2.046313e+00
##          10          10          10          10          10
## 1.248896e+00 1.342220e+00 8.157386e-01 9.589031e-01 7.715368e-01
##          10          10          10          10          10
## 2.811107e-02 1.029333e+00 -6.963945e+00 8.480830e-01 -5.735587e+00
##          10          10          10          10          10
## 6.396929e-01 -5.735587e+00 8.956822e-01 6.328035e-01 6.598448e-01
##          10          10          10          10          10
## 2.034156e+00 1.4111519e+00 1.494936e+00 -6.963945e+00 7.099926e-01
##          10          10          10          10          10
## 1.155441e+00 1.824694e+00 2.333075e+00 1.820093e+00 1.021490e+00
##          10          10          10          10          10
## 5.596109e-01 2.544419e+00 1.983998e+00 1.720653e+00 1.643824e+00

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##          10          10          10          10          10
## 7.037550e-01 9.415416e-01 3.495165e-01 1.692684e+00 1.592011e+00
##          10          10          10          10          10
## 1.432732e+00 1.512522e+00 2.148551e+00 1.795704e+00 -1.257786e-01
##          10          10          10          10          10
## 2.595750e+00 1.739743e+00 -4.370242e-01 1.659105e+00 8.584863e-01
##          10          10          10          10          10
## -2.860754e-01 2.073998e+00 5.531598e-01 7.013487e-01 2.095971e+00
##          10          10          10          10          10
## 2.504127e+00 9.968422e-01 9.026090e-01 2.520463e+00 3.001011e+00
##          10          10          10          10          10
## 9.954110e-01 9.303597e-01 1.310557e+00 7.244572e-01 -3.876905e-01
##          10          10          10          10          10
## 7.803648e-01 1.300156e+00 1.521871e+00 -6.963945e+00 2.043918e+00
##          10          10          10          10          10
## 2.595886e+00 1.298047e+00 5.535847e-01 1.112887e+00 1.079823e+00
##          10          10          10          10          10
## 2.780379e+00 7.809430e-01 9.157275e-01 2.011449e+00 3.074290e+00
##          10          10          10          10          10
## 1.356008e+00 2.227988e+00 8.464109e-01 -5.735587e+00 1.041390e+00
##          10          10          10          10          10
## 2.073976e+00 2.611397e+00 -6.679036e+00 4.033076e-01 -6.538018e+00
##          10          10          10          10          10
## 1.272100e+00 5.568410e-01 1.462184e+00 1.104262e-01 1.213491e+00
##          10          10          10          10          10
## 1.495856e+00 1.393616e+00 1.098349e+00 8.318423e-01 1.064994e+00
##          10          10          10          10          10
## 2.053145e+00 1.715202e+00 2.269600e-02 3.419786e-01 1.470350e+00
##          10          10          10          10          10
## 7.132222e-01 5.764554e-01 2.857454e+00 1.261779e+00 1.392215e+00
##          10          10          10          10          10
## 1.399399e+00 1.084606e+00 -5.735587e+00 1.649539e+00 1.828538e+00
##          10          10          10          10          10
## 1.210827e+00 1.454360e+00 7.436564e-01 1.226463e+00 2.292883e+00
##          10          10          10          10          10
## 1.374116e+00 3.112279e-01 3.117222e+00 1.356922e+00 8.961137e-01
##          10          10          10          10          10
## -6.517589e+00 5.067986e-01 1.340250e+00 3.519487e-02 1.707737e+00
##          10          10          10          10          10
## 1.349903e+00 1.251842e+00 1.665049e-01 9.989927e-01 8.480830e-01
##          10          10          10          10          10
## 4.878306e-01 1.679448e+00 -7.908345e+00 1.519599e+00 1.671834e+00
##          10          10          10          10          10
## 1.602064e+00 1.371861e+00 1.742256e+00 -6.121388e+00 6.068658e-01
##          10          10          10          10          10
## -6.963945e+00 1.166581e+00 -2.277966e+00 7.774203e-01 2.249938e+00
##          10          10          10          10          10
## 4.995766e+00 7.277505e-02 3.078237e-01 -7.399339e-02 -5.735587e+00
##          10          10          10          10          10
## 4.703400e-01 -6.963945e+00 -4.313002e-02 3.367873e-01 2.034057e+00
##          10          10          10          10          10
## 1.420987e+00 1.708069e+00 -6.517589e+00 6.894362e-01 7.037996e-01
##          10          10          10          10          10
## -6.517589e+00 7.484291e-01 -8.166976e-01 6.673530e-01 -2.383070e-01

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##          10          10          10          10          10
## 8.439779e-01 8.674162e-01 1.536922e+00 -5.375259e-01 7.882099e-01
##          10          10          10          10          10
## 1.429920e+00 1.755556e+00 1.162346e+00 -6.963945e+00 1.853536e+00
##          10          10          10          10          10
## -4.729177e-02 1.451317e+00 1.006050e+00 -6.963945e+00 5.241882e-01
##          10          10          10          10          10
## 3.779229e-01 2.075052e+00 -1.177676e-02 1.487362e+00 1.432240e+00
##          10          10          10          10          10
## 2.512477e+00 4.160237e-01 1.325013e+00 2.631175e-01 1.346480e+00
##          10          10          10          10          10
## 2.372398e-01 4.658642e-01 1.201995e+00 1.630612e+00 -6.538018e+00
##          10          10          10          10          10
## 2.837242e+00 1.635456e+00 8.645070e-01 -3.786878e-01 3.197711e+00
##          10          10          10          10          10
## -6.679036e+00 2.024780e-01 1.943843e+00 1.837242e+00 -2.277966e+00
##          10          10          10          10          10
## 1.071253e+00 -5.598306e-01 9.689115e-01 1.128286e+00 1.476025e+00
##          10          10          10          10          10
## 2.679722e+00 1.922037e+00 1.269586e+00 2.669863e+00 7.306248e-01
##          10          10          10          10          10
## -5.735587e+00 9.695303e-01 2.003864e+00 2.572808e+00 1.473037e+00
##          10          10          10          10          10
## 9.639424e-01 1.010936e+00 6.733070e-01 -6.963945e+00 1.133799e+00
##          10          10          10          10          10
## -6.121388e+00 1.091405e+00 1.023695e+00 -2.277966e+00 9.743209e-01
##          10          10          10          10          10
## 1.985443e+00 2.085431e-01 -6.517589e+00 1.928724e+00 8.321676e-01
##          10          10          10          10          10
## 8.705469e-01 1.184275e+00 1.941807e+00 1.041094e+00 1.132387e+00
##          10          10          10          10          10
## 2.331481e+00 2.543290e-01 1.614734e-01 4.252653e-01 2.429576e-01
##          10          10          10          10          10
## 5.839437e-01 2.307700e+00 1.937116e+00 3.333136e+00 5.867898e-01
##          10          10          10          10          10
## 1.104384e+00 6.222692e-01 -9.972475e-03 2.079894e+00 1.235069e+00
##          10          10          10          10          10
## -6.963945e+00 5.053564e+00 1.027627e+00 7.028726e-01 1.421409e+00
##          10          10          10          10          10
## 2.290290e+00 1.531312e+00 1.722575e+00 3.439003e-01 -7.514393e-01
##          10          10          10          10          10
## -4.313002e-02 1.142102e+00 1.258643e+00 5.462155e-01 1.134846e+00
##          10          10          10          10          10
## 4.652797e-01 2.239036e+00 5.070333e-01 1.763139e+00 1.685052e+00
##          10          10          10          10          10
## 2.682137e-01 2.206254e+00 1.466612e+00 9.954342e-01 -4.037801e-01
##          10          10          10          10          10
## 8.947214e-01 1.547041e+00 -6.963945e+00 3.584721e-01 8.421003e-01
##          10          10          10          10          10
## -2.545500e-01 4.088023e+00 4.634956e-02 -3.837199e-01 1.914732e+00
##          10          10          10          10          10
## 1.979305e+00 -6.963945e+00 1.099307e+00 7.425958e-02 1.656569e+00
##          10          10          10          10          10
## 1.723235e+00 1.379532e+00 1.877971e+00 -6.963945e+00 -2.396853e-01

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##          10          10          10          10          10
## 1.291152e+00 1.465943e+00 7.186280e-01 1.055836e+00 1.585325e+00
##          10          10          10          10          10
## -2.277966e+00 2.743555e+00 6.396675e-01 3.680859e-01 3.011846e-01
##          10          10          10          10          10
## 3.807016e+00 8.003030e-01 1.021980e+00 -2.277966e+00 3.345707e-01
##          10          10          10          10          10
## 2.154609e+00 1.242986e+00 1.855346e+00 -2.277966e+00 2.119752e+00
##          10          10          10          10          10
## 1.498434e+00 -6.963945e+00 1.427449e+00 5.623884e-01 2.053817e-02
##          10          10          10          10          10
## 5.422436e-01 5.549987e-01 1.307837e+00 1.436434e+00 1.527191e+00
##          10          10          10          10          10
## -2.277966e+00 -6.963945e+00 1.456310e+00 2.321750e+00 1.803812e+00
##          10          10          10          10          10
## 2.303916e+00 2.457197e+00 -6.963945e+00 1.067119e+00 6.709113e-01
##          10          10          10          10          10
## 6.077408e-01 -5.735587e+00 5.096148e-01 -3.500789e-02 -6.963945e+00
##          10          10          10          10          10
## 4.732724e+00 1.045258e+00 1.148034e+00 2.033523e-01 6.414630e-01
##          10          10          10          10          10
## 9.995159e-01 1.613186e+00 1.533220e-01 1.370125e+00 1.619199e+00
##          10          10          10          10          10
## 1.244199e+00 1.847984e+00 2.010837e+00 -6.121388e+00 1.694327e+00
##          10          10          10          10          10
## 1.903471e+00 5.590013e-01 -6.121388e+00 1.923003e+00 -6.963945e+00
##          10          10          10          10          10
## 1.021810e+00 3.124635e-01 1.193532e+00 1.960456e+00 1.468034e+00
##          10          10          10          10          10
## 3.588097e-02 8.106127e-01 8.834352e-01 7.943847e-01 1.543989e+00
##          10          10          10          10          10
## 9.893004e-01 7.014313e-01 5.464441e-01 3.834021e+00 1.160377e+00
##          10          10          10          10          10
## 9.678709e-01 4.568817e+00 4.975542e-01 9.364585e-01 -1.058946e+00
##          10          10          10          10          10
## 3.742250e-01 1.013183e-01 6.897779e-01 -6.963945e+00 7.277617e-01
##          10          10          10          10          10
## -2.277966e+00 1.292808e+00 9.671904e-01 1.094558e+00 2.718844e+00
##          10          10          10          10          10
## -6.517589e+00 3.195579e-01 1.620361e+00 -5.735587e+00 7.228978e-01
##          10          10          10          10          10
## 1.205659e+00 1.266189e+00 -2.277966e+00 2.379480e+00 -2.277966e+00
##          10          10          10          10          10
## 1.227298e+00 -6.808501e+00 8.355327e-01 -5.519061e-02 1.158994e-02
##          10          10          10          10          10
## 1.683695e+00 1.613484e+00 -8.481100e-01 1.227571e+00 1.194695e+00
##          10          10          10          10          10
## -4.009196e-02 1.008366e+00 2.144008e+00 4.453501e-01 2.426842e+00
##          10          10          10          10          10
## 1.123968e+00 1.062544e+00 7.544082e-01 1.212306e+00 3.097870e-01
##          10          10          10          10          10
## 5.282509e-01 1.151421e+00 1.483491e+00 1.536558e+00 1.502595e+00
##          10          10          10          10          10
## 1.805075e+00 4.215701e-01 7.240633e-01 1.407986e+00 8.109374e-01

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##          10          10          10          10          10
## 6.824323e-01 1.476503e+00 1.298613e+00 1.738239e+00 4.602449e-01
##          10          10          10          10          10
## 7.879577e-01 1.667223e+00 -6.121388e+00 9.542767e-01 1.028118e+00
##          10          10          10          10          10
## 1.463933e+00 -5.735587e+00 7.302007e-01 3.424308e-02 9.781870e-02
##          10          10          10          10          10
## 6.214981e-01 -6.517589e+00 1.518707e+00 7.852902e-01 -2.313799e-01
##          10          10          10          10          10
## 2.745267e+00 -1.938585e-02 1.419043e+00 1.145587e+00 6.314779e-01
##          10          10          10          10          10
## 1.731944e+00 1.388395e+00 8.385223e-01 3.170127e-01 1.890826e+00
##          10          10          10          10          10
## 1.431806e+00 -6.121388e+00 5.933853e+00 1.304238e+00 -6.121388e+00
##          10          10          10          10          10
## 4.410294e+00 8.592518e-01 -1.091162e+00 -5.735587e+00 -2.277966e+00
##          10          10          10          10          10
## 4.112454e-01 2.201304e+00 2.013675e+00 1.651869e+00 1.957886e+00
##          10          10          10          10          10
## -4.962414e-01 -2.497199e-01 1.317134e+00 2.037711e+00 4.527220e-01
##          10          10          10          10          10
## 2.906751e+00 2.345946e-01 1.459524e+00 9.026090e-01 2.127931e+00
##          10          10          10          10          10
## 1.763581e+00 2.260158e+00 1.840247e+00 -3.182620e-01 5.491212e-02
##          10          10          10          10          10
## -6.121388e+00 2.093505e+00 2.347948e-01 1.069484e+00 1.426546e+00
##          10          10          10          10          10
## 3.651872e+00 2.315211e+00 9.172677e-01 3.360479e-01 -6.594989e-01
##          10          10          10          10          10
## 1.364154e+00 2.038417e+00 1.001372e+00 7.707706e-02 1.933526e+00
##          10          10          10          10          10
## 1.476503e+00 1.101632e+00 6.887252e-01 8.521874e-01 3.098327e+00
##          10          10          10          10          10
## -6.963945e+00 1.616153e+00 1.280651e+00 2.355992e+00 3.583461e-01
##          10          10          10          10          10
## -6.517589e+00 8.645748e-01 1.496136e+00 9.942044e-01 1.240143e+00
##          10          10          10          10          10
## -6.963945e+00 -1.108500e+00 1.055012e+00 2.032227e-01 9.283817e-01
##          10          10          10          10          10
## 2.278886e+00 1.316737e+00 2.312815e+00 9.914690e-01 -5.081384e-01
##          10          10          10          10          10
## 2.049654e+00 9.699949e-01 6.215916e-01 2.966898e+00 1.785969e+00
##          10          10          10          10          10
## 7.172561e-01 -2.277966e+00 1.450096e+00 -1.086764e-01 9.673420e-01
##          10          10          10          10          10
## 1.422691e+00 8.924994e-01 2.089575e-01 -8.615968e+00 3.097541e-01
##          10          10          10          10          10
## -4.457223e-01 1.759513e+00 1.354493e+00 6.939746e-01 1.131558e+00
##          10          10          10          10          10
## 3.522911e-01 1.864199e+00 2.706019e+00 2.540179e+00 5.673455e-01
##          10          10          10          10          10
## 1.766763e+00 1.212909e+00 -2.277966e+00 1.578684e+00 4.160386e-01
##          10          10          10          10          10
## -1.328360e+00 -7.908345e+00 3.604648e-01 -7.790713e-02 5.982562e-01

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##          10          10          10          10          10
## 3.379444e-01 5.461085e-01 -2.277966e+00 7.618285e-01 1.813948e+00
##          10          10          10          10          10
## 2.111487e-01 -5.735587e+00 2.229027e+00 1.462712e+00 4.430937e-01
##          10          10          10          10          10
## 2.478075e+00 9.591845e-01 -1.540034e+00 1.178418e+00 2.266360e-01
##          10          10          10          10          10
## 1.506256e+00 1.489548e+00 1.331675e+00 -2.277966e+00 2.539657e+00
##          10          10          10          10          10
## 9.848600e-02 6.408305e-01 -6.963945e+00 8.117304e-01 1.032213e-01
##          10          10          10          10          10
## 3.824059e-01 2.404603e+00 1.322388e+00 1.574771e-01 1.765721e+00
##          10          10          10          10          10
## 2.036089e+00 5.530975e-01 1.594262e+00 1.565532e+00 9.010696e-02
##          10          10          10          10          10
## 9.783401e-01 -1.485831e-01 5.968126e-01 5.254693e-01 1.168311e+00
##          10          10          10          10          10
## 1.331675e+00 1.491917e-01 1.052802e+00 1.503478e+00 1.035782e+00
##          10          10          10          10          10
## 7.691870e-01 8.954068e-01 -6.963945e+00 -2.277966e+00 2.267123e+00
##          10          10          10          10          10
## 1.273730e-01 -2.277966e+00 1.321270e-01 8.068215e-01 7.262457e-01
##          10          10          10          10          10
## -1.594407e-01 -6.963945e+00 1.100440e+00 4.652797e-01 4.184438e-01
##          10          10          10          10          10
## 5.491212e-02 5.056223e-01 1.967582e+00 1.296961e+00 1.702542e-01
##          10          10          10          10          10
## 5.514170e-01 5.087487e-01 2.631686e+00 6.975222e-01 1.040758e+00
##          10          10          10          10          10
## 5.047468e-01 1.631394e+00 -5.735587e+00 1.021001e+00 8.542760e-01
##          10          10          10          10          10
## 7.451385e-01 1.431710e+00 -1.318396e+00 5.835020e-01 1.043081e+00
##          10          10          10          10          10
## 1.089046e+00 8.242545e-01 1.317481e+00 1.179305e-01 -8.568885e-02
##          10          10          10          10          10
## 2.286367e+00 2.753694e-01 1.061168e+00 9.826183e-01 -1.058318e-01
##          10          10          10          10          10
## 2.249115e+00 -6.517589e+00 1.719109e+00 3.115135e-01 1.184851e+00
##          10          10          10          10          10
## -5.264556e-01 1.844973e+00 -6.346130e-01 2.453780e+00 1.212736e+00
##          10          10          10          10          10
## -6.963945e+00 5.383076e-01 2.984669e-01 -6.538018e+00 7.897340e-01
##          10          10          10          10          10
## 2.322417e-01 6.713615e-01 7.619195e-01 8.176980e-01 6.575931e-01
##          10          10          10          10          10
## -2.295753e-01 2.022007e+00 1.967949e+00 -5.101691e-01 2.577494e+00
##          10          10          10          10          10
## -6.963945e+00 -2.989778e-02 1.416000e+00 8.115520e-01 1.030498e+00
##          10          10          10          10          10
## -5.735587e+00 1.714367e+00 6.606649e-01 -5.735587e+00 6.334669e-01
##          10          10          10          10          10
## -5.216242e-01 1.754916e+00 -1.001219e-02 2.187054e+00 1.918241e+00
##          10          10          10          10          10
## 1.927660e+00 1.443428e+00 1.909051e+00 1.503476e+00 1.282913e+00

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##          10          10          10          10          10
## 1.367159e+00 1.187159e+00 1.642215e+00 1.180592e+00 -7.910482e-02
##          10          10          10          10          10
## 2.216644e+00 1.328665e+00 1.376716e+00 6.298386e-01 1.095667e+00
##          10          10          10          10          10
## 1.902046e+00 5.012523e-01 1.555575e+00 1.606838e+00 1.751863e+00
##          10          10          10          10          10
## 1.813948e+00 1.939426e+00 1.623818e+00 -6.963945e+00 1.847411e+00
##          10          10          10          10          10
## -6.121388e+00 1.226292e+00 1.818018e+00 -6.121388e+00 -6.963945e+00
##          10          10          10          10          10
## -3.358782e-01 1.421900e+00 -7.097194e-03 -6.042565e-01 2.743143e+00
##          10          10          10          10          10
## 1.355245e-01 8.586280e-01 1.217800e+00 1.844259e+00 1.799122e+00
##          10          10          10          10          10
## 1.573646e+00 1.017827e+00 -5.735587e+00 -6.121388e+00 1.753000e+00
##          10          10          10          10          10
## -6.679036e+00 1.744432e+00 -2.277966e+00 -8.182685e-01 1.176245e+00
##          10          10          10          10          10
## 8.301735e-01 9.856382e-01 1.165389e+00 5.353018e-01 8.203351e-01
##          10          10          10          10          10
## 8.541204e-01 9.452093e-01 -8.835809e-01 1.226483e+00 1.214085e+00
##          10          10          10          10          10
## -6.963945e+00 7.317226e-01 -3.161029e-01 7.196597e-02 1.085619e+00
##          10          10          10          10          10
## 1.164885e+00 8.086395e-01 8.620084e-01 2.282527e-01 4.635986e-01
##          10          10          10          10          10
## -6.963945e+00 -1.032408e+00 -6.648728e-01 -6.121388e+00 1.589068e+00
##          10          10          10          10          10
## -5.735587e+00 1.124185e+00 -5.762721e-01 -1.713973e-01 8.198640e-01
##          10          10          10          10          10
## 1.934061e+00 1.337377e+00 -6.963945e+00 8.905733e-01 1.032099e+00
##          10          10          10          10          10
## 9.354731e-01 1.867482e+00 2.287238e+00 5.216916e-01 1.285392e+00
##          10          10          10          10          10
## 1.690224e+00 1.247167e+00 2.025514e+00 3.256079e+00 3.695955e-01
##          10          10          10          10          10
## 8.875675e-01 1.333358e+00 1.949831e+00 7.580419e-02 -6.121388e+00
##          10          10          10          10          10
## 1.209513e-01 1.050785e+00 1.940808e+00 -6.963945e+00 -6.017316e-02
##          10          10          10          10          10
## 1.807849e+00 9.026090e-01 1.253413e+00 1.454843e+00 1.066528e+00
##          10          10          10          10          10
## 1.4144441e+00 1.902474e+00 1.078866e+00 2.329784e+00 8.512463e-01
##          10          10          10          10          10
## 1.097320e+00 1.541851e+00 1.226292e+00 9.352174e-01 -6.963945e+00
##          10          10          10          10          10
## 1.866815e+00 -2.872065e-01 7.653005e-01 -2.277966e+00 1.431249e+00
##          10          10          10          10          10
## 9.273676e-01 -1.853974e-01 1.120476e+00 2.153379e+00 1.911850e+00
##          10          10          10          10          10
## 2.315481e+00 6.323861e-01 5.083034e-01 -6.963945e+00 -1.678973e-01
##          10          10          10          10          10
## 1.094987e+00 2.372450e+00 1.883633e+00 8.778367e-01 1.786320e+00

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##          10          10          10          10          10
## 2.562719e+00 1.275284e+00 1.186581e+00 2.068579e+00 1.178533e+00
##          10          10          10          10          10
## 1.622745e+00 9.958109e-02 2.374575e+00 9.049576e-01 1.693323e+00
##          10          10          10          10          10
## 1.748819e+00 1.931160e+00 6.535875e-01 1.205143e+00 1.584760e+00
##          10          10          10          10          10
## -5.735587e+00 9.954110e-01 -1.128365e+00 2.320605e+00 1.914835e+00
##          10          10          10          10          10
## -6.963945e+00 6.575938e-01 6.586701e-01 -6.679036e+00 1.407116e+00
##          10          10          10          10          10
## 7.449912e-01 9.832041e-01 -6.121388e+00 1.529067e+00 -2.277966e+00
##          10          10          10          10          10
## -3.460290e-01 7.318075e-01 1.949831e+00 6.961175e-01 -6.963945e+00
##          10          10          10          10          10
## 5.562582e-03 -6.121388e+00 9.060904e-01 -4.917854e-02 1.765346e-01
##          10          10          10          10          10
## -6.121388e+00 5.012523e-01 -6.963945e+00 2.317404e+00 1.502249e+00
##          10          10          10          10          10
## 2.929302e-01 8.597372e-01 8.660153e-01 1.811293e+00 4.288305e-01
##          10          10          10          10          10
## 4.901231e-01 5.429608e-01 1.327342e+00 7.166283e-01 2.768913e+00
##          10          10          10          10          10
## -2.277966e+00 4.635986e-01 1.815148e+00 2.443053e-01 9.983988e-02
##          10          10          10          10          10
## 1.023690e+00 1.056212e+00 -1.227944e+00 2.279345e+00 1.698844e+00
##          10          10          10          10          10
## 2.156041e+00 -5.383311e-01 9.091467e-01 1.440143e+00 1.443123e+00
##          10          10          10          10          10
## 3.032947e-01 2.507489e+00 1.414542e+00 -6.121388e+00 8.739320e-01
##          10          10          10          10          10
## 3.170127e-01 9.415231e-01 -6.963945e+00 -6.977611e-01 -6.963945e+00
##          10          10          10          10          10
## -6.121388e+00 1.974091e+00 2.833674e+00 -6.963945e+00 -5.735587e+00
##          10          10          10          10          10
## 6.275116e-01 6.454851e-01 1.994346e+00 1.975209e+00 5.563605e-02
##          10          10          10          10          10
## 8.378740e-01 7.414851e-01 1.472050e+00 -8.545241e-01 -6.121388e+00
##          10          10          10          10          10
## 1.331497e+00 1.736393e+00 7.446897e-01 2.190484e+00 1.979046e+00
##          10          10          10          10          10
## 1.258983e+00 7.561431e-01 1.638022e+00 -1.088470e-01 -6.517589e+00
##          10          10          10          10          10
## 1.837508e+00 1.092980e+00 2.087368e+00 3.604150e-01 7.064165e-01
##          10          10          10          10          10
## -1.257240e-01 4.740388e-01 1.024876e-01 -6.963945e+00 3.299428e-01
##          10          10          10          10          10
## 5.829967e-01 1.326519e+00 -6.517589e+00 2.513963e+00 1.087738e+00
##          10          10          10          10          10
## 1.853941e-01 1.981883e-01 -5.735587e+00 1.141440e+00 4.502508e-01
##          10          10          10          10          10
## 1.022959e+00 -3.595084e-01 1.358747e+00 1.300415e+00 1.405060e+00
##          10          10          10          10          10
## 1.414803e+00 8.927261e-01 9.285746e-01 1.479593e+00 5.170748e-01

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##          10          10          10          10          10
## 3.250218e-01 -8.374910e-02 -6.963945e+00 1.276371e+00 2.666590e+00
##          10          10          10          10          10
## 1.993161e+00 -1.546530e-01 -6.963945e+00 3.378272e+00 -2.142339e+00
##          10          10          10          10          10
## 1.709325e+00 5.679669e-01 1.415166e+00 1.476025e+00 1.177674e+00
##          10          10          10          10          10
## 6.982396e-01 4.977700e-01 -1.976355e-01 -6.963945e+00 8.490708e-01
##          10          10          10          10          10
## 1.396111e+00 1.125509e+00 1.509918e+00 9.317006e-01 1.614647e+00
##          10          10          10          10          10
## 1.259732e+00 -9.742977e-01 -5.735587e+00 8.706688e-01 1.538115e+00
##          10          10          10          10          10
## -1.274630e+00 2.141009e+00 1.094081e+00 1.336017e+00 6.381042e-01
##          10          10          10          10          10
## -5.735587e+00 1.300803e+00 1.357862e+00 3.666983e-01 -5.735587e+00
##          10          10          10          10          10
## 8.699160e-01 1.381235e+00 1.125024e+00 1.598683e+00 1.311513e+00
##          10          10          10          10          10
## -8.568885e-02 2.053763e-01 2.368024e+00 -6.095717e-01 8.285305e-01
##          10          10          10          10          10
## 1.561659e+00 2.459643e+00 9.483878e-01 2.286019e+00 1.841135e+00
##          10          10          10          10          10
## 2.220913e+00 -2.277966e+00 1.195502e+00 1.491269e+00 -3.254257e-01
##          10          10          10          10          10
## -2.443884e-01 1.824051e+00 1.010541e+00 1.419264e+00 -6.762573e-01
##          10          10          10          10          10
## 8.586280e-01 -5.735587e+00 -2.277966e+00 3.896511e-01 2.376441e+00
##          10          10          10          10          10
## 9.686017e-01 3.330956e-01 -4.266759e-02 7.614513e-01 -5.400331e-02
##          10          10          10          10          10
## 2.227537e+00 3.760401e-01 1.448680e+00 -5.735587e+00 1.104079e+00
##          10          10          10          10          10
## -6.963945e+00 5.845228e-01 -6.121388e+00 -1.190380e-01 2.250494e+00
##          10          10          10          10          10
## 1.635249e+00 -5.735587e+00 2.961953e-01 8.126599e-01 1.099074e+00
##          10          10          10          10          10
## 1.667715e+00 3.509413e-01 -6.963945e+00 5.484115e-01 3.231614e+00
##          10          10          10          10          10
## 4.087297e+00 8.663135e-01 -6.121388e+00 1.802667e+00 9.415416e-01
##          10          10          10          10          10
## 9.458895e-01 1.117675e+00 -6.963945e+00 -6.963945e+00 1.597143e+00
##          10          10          10          10          10
## 8.891330e-01 9.819318e-01 5.118073e-02 1.590364e+00 2.101448e+00
##          10          10          10          10          10
## -6.121388e+00 1.895782e-01 1.825646e+00 2.273115e+00 2.089508e+00
##          10          10          10          10          10
## 8.285305e-01 2.307766e+00 1.012721e+00 4.275644e-01 5.117727e-01
##          10          10          10          10          10
## -6.963945e+00 1.307690e+00 1.379532e+00 2.788983e+00 8.124179e-01
##          10          10          10          10          10
## 1.758285e+00 -2.277966e+00 9.438502e-01 6.239185e-01 5.792180e-01
##          10          10          10          10          10
## 2.021379e+00 1.001148e+00 1.715753e+00 9.867374e-01 2.440664e+00

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##          10          10          10          10          10
## -6.963945e+00  2.267918e-01  1.604731e+00 -6.517589e+00 -5.735587e+00
##          10          10          10          10          10
## -6.121388e+00  1.686284e+00  5.591086e-01  9.447560e-01  1.242366e+00
##          10          10          10          10          10
##  9.900775e-01  2.991502e+00 -2.277966e+00  1.870233e+00  1.704309e+00
##          10          10          10          10          10
##  1.156719e+00 -6.963945e+00  1.472287e+00  1.748983e+00  4.960333e-01
##          10          10          10          10          10
##  1.652505e+00  1.257231e+00  3.165207e+00 -6.517589e+00 -6.808501e+00
##          10          10          10          10          10
##  1.782820e+00  1.014438e+00  3.519848e-01 -5.735587e+00  9.556911e-01
##          10          10          10          10          10
##  1.244995e+00  1.822360e+00  3.020021e+00  1.962098e-01  1.171451e+00
##          10          10          10          10          10
##  1.566186e+00  1.105579e+00 -5.735587e+00 -1.603402e-01  1.318611e+00
##          10          10          10          10          10
##  2.988383e+00  8.472606e-01  6.357344e+00  1.458158e+00  2.939189e-01
##          10          10          10          10          10
##  2.933915e+00 -8.615968e+00  1.963783e-01 -4.481017e-01  1.779380e+00
##          10          10          10          10          10
##  9.679623e-02 -2.277966e+00  8.375593e-01  8.756082e-01  3.277004e-01
##          10          10          10          10          10
## -4.633129e-02  1.471682e+00 -6.963945e+00  1.785969e+00  1.345126e+00
##          10          10          10          10          10
##  1.158130e+00  4.627591e-01  1.357719e+00  3.783223e-01  4.190988e+00
##          10          10          10          10          10
##  1.299388e+00  1.645993e+00 -2.383070e-01  6.062238e-01  1.152345e+00
##          10          10          10          10          10
##  3.889585e-01  1.950063e+00  1.275694e+00  7.472263e-01  7.812603e-01
##          10          10          10          10          10
##  1.255666e-01  2.073976e+00  1.851508e-01 -1.403890e+00  1.220012e+00
##          10          10          10          10          10
##  1.211870e+00  2.053817e-02  1.300803e+00 -6.517589e+00  4.140958e-01
##          10          10          10          10          10
##  7.606972e-01 -5.419111e-02 -6.963945e+00  8.598266e-01  2.295806e-01
##          10          10          10          10          10
## -6.963945e+00 -6.963945e+00  1.786229e+00 -6.963945e+00  2.174246e+00
##          10          10          10          10          10
##  1.718456e+00  1.006975e+00  7.404737e-02  1.625038e-01  7.921432e-01
##          10          10          10          10          10
## -6.517589e+00  3.538677e-01  1.051289e+00  1.549003e+00  2.000015e+00
##          10          10          10          10          10
## -6.121388e+00  2.084772e+00 -6.963945e+00 -4.791994e-01  1.001148e+00
##          10          10          10          10          10
##  1.827383e+00  2.195847e+00  1.772981e+00  1.869937e+00  1.646004e-01
##          10          10          10          10          10
##  2.483591e-01  1.313501e+00  2.448177e-01  1.703081e+00  1.665883e+00
##          10          10          10          10          10
## -6.963945e+00  1.403624e+00  1.083813e+00 -1.443480e+00 -6.963945e+00
##          10          10          10          10          10
##  1.998142e+00 -1.449374e-01  1.238177e+00  5.135369e-01  1.997002e+00
##          10          10          10          10          10
##  2.293352e+00  1.618063e+00 -6.121388e+00 -6.679036e+00  9.082725e-01

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##          10          10          10          10          10
## -6.963945e+00  4.678066e-01  1.608925e+00  1.978887e+00  3.047754e+00
##          10          10          10          10          10
##  1.372658e+00  1.422448e+00 -5.735587e+00 -6.517589e+00 -6.963945e+00
##          10          10          10          10          10
## -1.353037e-01  1.321737e-01  1.080445e+00  1.512884e+00  1.621484e-01
##          10          10          10          10          10
##  2.156234e+00 -3.287126e-01  1.105121e+00  1.125459e+00  1.892094e+00
##          10          10          10          10          10
##  2.161826e+00  1.244639e+00  9.911477e-01 -2.938642e-01  1.670356e+00
##          10          10          10          10          10
##  2.017174e+00 -6.121388e+00  8.893029e-01  2.608189e-03  1.281577e+00
##          10          10          10          10          10
## -5.735587e+00  6.689028e-01  1.495856e+00  6.152837e-01  6.576570e-01
##          10          10          10          10          10
##  1.396061e-01  2.959553e-01  8.974094e-01  7.520359e-01  1.098863e+00
##          10          10          10          10          10
##  8.105191e-01  2.292955e+00  1.123398e+00  2.052060e+00  1.288583e+00
##          10          10          10          10          10
##  2.126896e+00  2.065476e+00  9.893824e-01  1.547633e+00  1.656015e+00
##          10          10          10          10          10
##  6.665282e-01  4.824955e-01 -1.361843e-01  7.770130e-01  1.509995e+00
##          10          10          10          10          10
##  1.204607e+00  9.167686e-01 -6.963945e+00  2.326257e-01  1.133027e+00
##          10          10          10          10          10
##  1.719250e+00  2.001249e+00  1.555125e+00 -2.277966e+00  5.385690e-01
##          10          10          10          10          10
## -6.517589e+00  1.636813e+00  1.106953e+00  2.003864e+00  1.652697e+00
##          10          10          10          10          10
##  2.162568e+00  1.044911e+00  3.350403e-02  5.754535e-01 -1.336737e-02
##          10          10          10          10          10
##  1.942659e+00  8.987068e-01  7.572245e-01  9.429451e-01 -6.963945e+00
##          10          10          10          10          10
## -3.608461e-01  3.420759e-01  7.003663e-01  9.423154e-01  1.071474e+00
##          10          10          10          10          10
##  2.237613e+00  1.553406e-01  1.503478e+00  8.866959e-01  1.441157e+00
##          10          10          10          10          10
##  2.149201e+00  2.596811e+00  1.204888e+00  2.427719e+00  2.498950e+00
##          10          10          10          10          10
##  5.737203e-01  4.112454e-01  3.884458e-01  2.388510e+00 -8.058591e-01
##          10          10          10          10          10
## -6.121388e+00  1.251723e+00 -5.735587e+00 -1.563302e-01  8.771473e-01
##          10          10          10          10          10
## -5.735587e+00  9.150065e-01  1.535284e+00  1.724391e+00 -2.277966e+00
##          10          10          10          10          10
##  2.575407e-01 -6.963945e+00  5.568410e-01  4.949035e-01 -1.152826e-01
##          10          10          10          10          10
##  9.431423e-01 -3.805062e-01  1.655479e+00  1.741523e-01 -7.908345e+00
##          10          10          10          10          10
##  2.126040e+00 -6.963945e+00  9.492108e-01  5.950567e-01  2.588342e+00
##          10          10          10          10          10
##  1.116917e+00  3.087502e-01  1.947528e+00  9.667613e-01  1.037024e+00
##          10          10          10          10          10
##  1.260425e+00  5.661039e-01 -6.121388e+00 -6.808501e+00 -1.961349e-01

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##          10          10          10          10          10
## 2.382552e-03 5.098759e-01 1.347304e+00 1.218148e+00 1.617974e+00
##          10          10          10          10          10
## 1.611772e+00 -6.963945e+00 2.122448e+00 3.235863e+00 2.150710e+00
##          10          10          10          10          10
## 2.778630e+00 -6.808501e+00 1.146602e+00 2.815248e+00 1.910623e+00
##          10          10          10          10          10
## 6.235653e-02 -2.277966e+00 1.311208e+00 1.251657e+00 9.270419e-01
##          10          10          10          10          10
## -4.820419e-01 1.907225e+00 1.446150e+00 -6.963945e+00 1.182112e+00
##          10          10          10          10          10
## 1.203579e+00 1.218849e+00 -8.814135e-01 -6.121388e+00 -6.121388e+00
##          10          10          10          10          10
## 4.403925e-01 8.361348e-01 2.055381e+00 2.893834e+00 1.576303e+00
##          10          10          10          10          10
## 9.616604e-01 1.142914e+00 1.198776e+00 1.252655e+00 -6.966710e-01
##          10          10          10          10          10
## 1.871535e+00 -6.121388e+00 2.002270e+00 -3.236661e-01 5.295568e-01
##          10          10          10          10          10
## 1.515197e+00 4.552353e-01 1.346480e+00 1.746843e-01 9.551771e-03
##          10          10          10          10          10
## 1.005472e+00 1.433258e-01 2.543827e+00 1.811159e+00 5.343977e-01
##          10          10          10          10          10
## -6.963945e+00 -1.657203e-01 1.935132e+00 9.452093e-01 2.157043e+00
##          10          10          10          10          10
## 1.119205e+00 1.318457e-01 -1.701816e-01 7.271227e-01 5.586867e-01
##          10          10          10          10          10
## 1.714258e+00 2.736349e-01 1.848887e+00 2.024520e+00 1.498401e+00
##          10          10          10          10          10
## -6.963945e+00 2.811107e-02 8.603632e-01 -5.735587e+00 1.923003e+00
##          10          10          10          10          10
## -6.121388e+00 -6.963945e+00 1.356683e+00 1.146602e+00 1.097722e+00
##          10          10          10          10          10
## 1.754333e+00 2.481053e+00 2.093790e+00 2.175581e+00 1.206401e+00
##          10          10          10          10          10
## 7.833692e-01 1.972848e-01 -5.735587e+00 3.117222e+00 -8.615968e+00
##          10          10          10          10          10
## 2.980627e+00 -4.281223e-01 -6.710720e-02 6.328035e-01 1.318443e+00
##          10          10          10          10          10
## 3.047028e+00 1.022225e+00 1.829502e+00 1.247874e+00 4.652797e-01
##          10          10          10          10          10
## 7.425760e-02 1.719619e+00 1.659900e+00 -2.277966e+00 2.087610e+00
##          10          10          10          10          10
## 2.363199e+00 2.613058e-01 3.149156e+00 2.367594e+00 -7.908345e+00
##          10          10          10          10          10
## 8.987068e-01 1.272639e+00 1.137891e+00 -6.121388e+00 1.310612e+00
##          10          10          10          10          10
## 1.129220e+00 2.399747e-01 -6.121388e+00 4.838378e-01 6.298669e-01
##          10          10          10          10          10
## 1.815442e+00 6.328538e-01 -3.666305e-01 3.970024e-01 1.434579e+00
##          10          10          10          10          10
## 5.305644e-01 1.217076e+00 3.020973e-01 1.419820e+00 2.497189e+00
##          10          10          10          10          10
## 1.654288e+00 9.717897e-01 -8.615968e+00 -6.963945e+00 8.301453e-01

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##          10          10          10          10          10
## 9.107871e-03 2.302990e+00 -8.944893e-02 5.047729e-01 -6.963945e+00
##          10          10          10          10          10
## 9.813105e-01 7.439836e-01 8.185286e-01 9.246161e-01 1.718456e+00
##          10          10          10          10          10
## 1.449110e+00 -7.595218e-02 7.203179e-02 2.728276e+00 1.031773e+00
##          10          10          10          10          10
## 1.679996e+00 1.282294e+00 8.034805e-01 -6.517589e+00 -6.963945e+00
##          10          10          10          10          10
## -7.301255e-02 2.772061e-01 2.427748e+00 2.630363e-01 4.121706e-01
##          10          10          10          10          10
## 6.947152e-01 1.640624e+00 3.112279e-01 -7.873486e-01 -6.416237e-01
##          10          10          10          10          10
## 1.638011e+00 2.117440e+00 -6.611957e-02 -2.277966e+00 5.279893e-01
##          10          10          10          10          10
## 1.966251e+00 1.665056e+00 9.116803e-01 2.017731e+00 8.465062e-01
##          10          10          10          10          10
## 1.740604e+00 -6.963945e+00 6.504622e-01 2.837571e+00 1.628696e+00
##          10          10          10          10          10
## 1.573315e+00 -5.735587e+00 1.384933e+00 -1.791130e-02 1.330719e-01
##          10          10          10          10          10
## 2.551522e-01 -6.121388e+00 1.037717e+00 1.226269e-03 9.817845e-01
##          10          10          10          10          10
## 2.213708e+00 7.267252e-01 -2.118798e-01 7.461049e-01 6.876737e-01
##          10          10          10          10          10
## -6.963945e+00 1.123940e+00 2.204413e+00 1.465462e+00 5.628521e-01
##          10          10          10          10          10
## -9.330279e-02 -6.517589e+00 5.596797e-01 -6.009331e-01 2.158048e+00
##          10          10          10          10          10
## 8.449403e-01 -6.517589e+00 1.071146e+00 1.110055e+00 2.019478e+00
##          10          10          10          10          10
## 5.976157e-01 3.962288e-01 1.741211e+00 7.367259e-01 4.378972e-01
##          10          10          10          10          10
## 9.330432e-01 1.358061e+00 2.351845e+00 5.038720e-01 -5.735587e+00
##          10          10          10          10          10
## 2.880117e+00 -3.221684e-01 1.376716e+00 7.516921e-01 1.923416e+00
##          10          10          10          10          10
## 1.630719e+00 -6.963945e+00 2.451044e+00 1.370322e+00 1.074623e+00
##          10          10          10          10          10
## 9.819318e-01 1.741307e+00 -6.121388e+00 1.342647e+00 7.494535e-01
##          10          10          10          10          10
## 9.071645e-01 1.732131e+00 4.558894e-01 8.264524e-01 1.684671e+00
##          10          10          10          10          10
## 2.079737e+00 2.095196e+00 1.526801e+00 2.396142e+00 4.874931e-01
##          10          10          10          10          10
## 1.156448e+00 -6.963945e+00 7.390723e-01 -6.963945e+00 4.329982e-01
##          10          10          10          10          10
## -5.551244e-01 1.210142e+00 1.819104e+00 -3.598799e-02 2.677468e+00
##          10          10          10          10          10
## 4.890626e+00 8.800579e-01 1.360394e+00 2.608602e+00 3.289483e+00
##          10          10          10          10          10
## 4.994949e-01 4.471030e-01 1.481142e+00 1.500708e+00 9.961929e-01
##          10          10          10          10          10
## 4.817387e-01 1.181113e+00 3.544636e-01 1.775857e+00 1.353537e+00

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##          10          10          10          10          10
## -5.735587e+00  2.012240e+00  8.807662e-01  2.022396e+00  1.844065e+00
##          10          10          10          10          10
##  9.954110e-01  9.170489e-01 -6.794059e-01  2.749345e+00  1.728568e+00
##          10          10          10          10          10
##  1.436977e+00 -2.277966e+00  2.322925e+00 -3.095991e-01  7.806834e-01
##          10          10          10          10          10
##  3.996247e-01  4.720325e-01  8.370930e-01 -6.121388e+00  9.711221e-01
##          10          10          10          10          10
##  1.474521e+00  1.199485e+00 -8.615968e+00  7.996245e-01  6.503332e-01
##          10          10          10          10          10
## -1.581785e-01  1.997712e+00 -8.521219e-01  2.510316e+00  4.419144e+00
##          10          10          10          10          10
##  9.345708e-01  5.839437e-01  6.839924e-01  1.794987e+00 -6.121388e+00
##          10          10          10          10          10
##  5.351933e-01  7.694421e-01  1.249469e+00  1.012721e+00  2.508032e+00
##          10          10          10          10          10
##  1.945192e+00  1.899355e+00  4.296821e-01 -2.761490e-01  1.005327e+00
##          10          10          10          10          10
##  2.971873e+00  3.464499e-01 -4.972532e-01  1.862684e+00  1.948233e+00
##          10          10          10          10          10
##  2.456547e-01  1.006141e+00  9.704835e-01  2.228657e+00  1.117886e+00
##          10          10          10          10          10
##  1.258362e+00 -6.963945e+00 -7.778066e-01  8.636292e-01 -6.326447e-01
##          10          10          10          10          10
##  1.467414e+00  5.936802e-01  2.319987e+00  5.206252e-01  7.953913e-01
##          10          10          10          10          10
## -2.277966e+00  1.660256e+00 -5.735587e+00  5.224296e-01 -6.963945e+00
##          10          10          10          10          10
##  3.574215e-01 -6.963945e+00 -6.121388e+00  1.347835e+00  4.370790e-01
##          10          10          10          10          10
##  1.282720e+00 -2.277966e+00  1.664358e+00  1.931721e+00  2.371318e+00
##          10          10          10          10          10
##  7.349829e-01  1.407416e+00  1.531691e+00  1.414958e+00  4.986394e-01
##          10          10          10          10          10
##  1.230176e+00  1.610889e+00  3.861163e-01 -5.735587e+00  1.874976e+00
##          10          10          10          10          10
## -6.517589e+00  9.506643e-01  2.377151e-01  4.248863e-01  1.919190e+00
##          10          10          10          10          10
##  1.311208e+00  1.260199e+00  1.857901e+00  2.458592e+00  1.615311e+00
##          10          10          10          10          10
##  1.734936e+00  6.343516e-01  1.985894e+00 -5.735587e+00  1.316849e+00
##          10          10          10          10          10
## -2.277966e+00  1.059651e+00  1.770241e+00  2.135757e+00  1.915793e+00
##          10          10          10          10          10
##  8.250420e-01  2.061074e+00  1.825745e+00  1.762589e+00  9.295315e-01
##          10          10          10          10          10
##  5.735766e-01  1.305192e+00  2.034928e+00  1.626178e+00  7.656276e-01
##          10          10          10          10          10
## -3.328219e-01 -1.449374e-01 -1.524482e-02  1.187736e+00  4.541516e-01
##          10          10          10          10          10
##  7.382466e-01  4.942997e-01  1.862252e+00  1.037770e+00  5.944832e-01
##          10          10          10          10          10
## -9.586205e-01  4.892308e-01  1.842191e+00  1.908180e+00 -4.667909e-01

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##          10          10          10          10          10
## 6.927775e-01 1.634100e+00 8.117304e-01 -6.963945e+00 1.232514e+00
##          10          10          10          10          10
## -6.963945e+00 3.584721e-01 1.061564e+00 1.676126e+00 1.514235e+00
##          10          10          10          10          10
## 7.127234e-01 -6.963945e+00 8.832485e-01 1.373879e+00 -6.121388e+00
##          10          10          10          10          10
## -6.121388e+00 1.118914e-01 2.729548e+00 5.533495e-01 -2.281144e-01
##          10          10          10          10          10
## 5.606125e-01 7.331883e-01 1.491828e+00 1.762154e+00 2.378395e-01
##          10          10          10          10          10
## 1.409253e-02 2.091823e+00 9.538418e-01 1.662127e+00 9.788780e-01
##          10          10          10          10          10
## 2.266128e+00 1.520987e+00 1.057357e+00 6.581597e-01 1.740131e+00
##          10          10          10          10          10
## -3.078151e-01 2.707951e+00 1.508355e+00 1.481015e+00 -8.402897e-01
##          10          10          10          10          10
## 7.675047e-01 1.535550e+00 -6.963945e+00 4.721721e+00 -5.735587e+00
##          10          10          10          10          10
## 8.571741e-01 4.995096e-01 9.958482e-01 4.925858e-01 8.048283e-01
##          10          10          10          10          10
## 1.998548e+00 5.577635e-01 1.038602e+00 1.277143e+00 -2.563759e-01
##          10          10          10          10          10
## -2.006588e-01 2.022236e+00 5.701619e-01 1.707153e+00 1.751863e+00
##          10          10          10          10          10
## -6.517589e+00 7.635280e-01 2.497140e-01 2.216644e+00 1.760435e+00
##          10          10          10          10          10
## -5.735587e+00 5.904752e-01 2.888258e+00 3.362101e-01 1.887028e+00
##          10          10          10          10          10
## 1.440518e+00 1.646000e+00 1.552994e+00 2.295928e+00 -6.963945e+00
##          10          10          10          10          10
## -5.735587e+00 -8.234212e-01 3.827284e-01 2.223491e+00 1.241451e+00
##          10          10          10          10          10
## 1.581842e+00 1.574280e+00 2.907702e-01 4.891169e-01 2.694061e+00
##          10          10          10          10          10
## 7.922862e-01 9.004052e-01 1.190282e+00 -1.475307e+00 -5.735587e+00
##          10          10          10          10          10
## 2.154229e+00 1.360473e+00 -7.877668e-01 1.455335e+00 -6.121388e+00
##          10          10          10          10          10
## 1.231408e-01 2.205208e-01 -5.735587e+00 2.151195e+00 -3.395041e-01
##          10          10          10          10          10
## 1.158130e+00 2.052662e+00 -2.959553e-02 1.373947e+00 5.833626e-01
##          10          10          10          10          10
## 1.649539e+00 -6.963945e+00 1.241756e+00 4.641919e-01 1.402169e+00
##          10          10          10          10          10
## 1.783817e+00 9.205811e-01 -7.449656e+00 -5.735587e+00 8.718098e-01
##          10          10          10          10          10
## 9.712331e-01 1.195859e+00 1.432202e+00 -5.735587e+00 -5.735587e+00
##          10          10          10          10          10
## 4.991719e-01 1.992308e+00 -5.735587e+00 1.677477e+00 1.375377e+00
##          10          10          10          10          10
## 2.366087e+00 8.124163e-01 2.522371e+00 1.926122e+00 -4.211836e-02
##          10          10          10          10          10
## -6.121388e+00 -6.375395e-01 9.397839e-01 1.908308e+00 1.515706e+00

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##          10          10          10          10          10
## 7.341665e-01 6.885310e-01 1.899914e+00 1.342424e+00 -6.517589e+00
##          10          10          10          10          10
## 1.085649e+00 -2.136872e-01 1.365355e+00 1.643681e-01 1.478356e+00
##          10          10          10          10          10
## 6.801537e-02 9.448933e-01 9.499808e-01 1.993588e+00 1.264583e+00
##          10          10          10          10          10
## 8.571741e-01 5.421967e-01 1.252488e+00 1.207579e+00 1.984543e+00
##          10          10          10          10          10
## 6.045215e-01 9.779268e-01 1.060405e+00 1.246035e+00 8.692506e-01
##          10          10          10          10          10
## 8.154199e-01 1.613717e+00 6.624847e-03 -2.277966e+00 -9.441318e-01
##          10          10          10          10          10
## 2.912412e-01 1.631394e+00 1.930819e+00 9.607347e-02 2.044860e+00
##          10          10          10          10          10
## 4.072476e+00 1.709541e+00 5.665469e-01 -6.121388e+00 1.155888e+00
##          10          10          10          10          10
## 7.056065e-01 -1.728488e-01 7.649059e-01 1.119764e+00 9.080763e-01
##          10          10          10          10          10
## 1.917268e-01 1.478047e+00 1.917083e+00 2.439292e+00 1.914504e+00
##          10          10          10          10          10
## 1.059642e+00 1.371517e+00 8.848147e-01 -6.517589e+00 1.461481e+00
##          10          10          10          10          10
## 1.256380e+00 -5.735587e+00 2.272856e-01 1.303115e+00 1.430805e-01
##          10          10          10          10          10
## -4.868615e-03 2.039921e-01 9.465702e-01 -7.902720e-01 5.321410e-01
##          10          10          10          10          10
## 6.887252e-01 4.850936e-01 2.276028e+00 -6.963945e+00 2.764089e-01
##          10          10          10          10          10
## -6.963945e+00 9.991326e-01 -2.277966e+00 1.728310e+00 1.086693e+00
##          10          10          10          10          10
## 1.004317e+00 2.329254e+00 2.968771e+00 -6.963945e+00 -2.277966e+00
##          10          10          10          10          10
## 8.423290e-01 1.750340e+00 -7.567755e-01 1.169043e+00 1.099023e+00
##          10          10          10          10          10
## 1.709069e+00 2.453447e+00 1.972479e+00 9.774298e-01 2.742671e+00
##          10          10          10          10          10
## -1.728488e-01 1.595745e+00 7.164622e-01 5.153043e-01 1.054093e+00
##          10          10          10          10          10
## 1.973958e+00 5.705132e-01 6.799498e-01 7.892167e-01 -6.963945e+00
##          10          10          10          10          10
## 3.691116e-01 1.474961e+00 1.706425e+00 6.222692e-01 5.661039e-01
##          10          10          10          10          10
## 2.568758e+00 -6.963945e+00 8.188268e-01 1.214276e-01 3.767812e-01
##          10          10          10          10          10
## 2.238899e+00 5.785298e-01 1.365854e+00 1.159454e+00 -1.118176e-01
##          10          10          10          10          10
## -5.735587e+00 1.441930e+00 4.261574e-02 2.386057e+00 2.230527e+00
##          10          10          10          10          10
## 1.201931e-01 4.785224e-02 2.253040e+00 -6.963945e+00 2.218050e-01
##          10          10          10          10          10
## -6.963945e+00 6.985488e-01 1.401117e+00 5.602287e-02 2.558443e+00
##          10          10          10          10          10
## 2.596115e+00 1.488610e+00 1.353326e+00 1.107579e+00 -2.277966e+00

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##          10          10          10          10          10
## 1.193874e+00 1.964331e+00 1.077336e+00 1.751863e+00 1.219746e+00
##          10          10          10          10          10
## 4.842890e-01 1.671895e+00 2.196960e+00 8.456911e-01 9.130900e-01
##          10          10          10          10          10
## 2.065396e+00 2.311141e+00 1.911447e+00 1.350552e+00 1.786408e+00
##          10          10          10          10          10
## 1.825373e+00 1.210827e+00 1.387484e+00 -2.277966e+00 1.432363e+00
##          10          10          10          10          10
## -6.963945e+00 2.313538e-01 9.075738e-01 3.342490e+00 9.705444e-01
##          10          10          10          10          10
## 1.483965e+00 -1.512585e-01 1.955727e+00 1.266451e+00 5.206252e-01
##          10          10          10          10          10
## 1.641283e+00 1.205695e+00 1.452977e+00 4.133540e-01 1.895880e+00
##          10          10          10          10          10
## 2.512604e+00 2.816637e-01 1.408680e+00 1.090036e+00 2.569434e+00
##          10          10          10          10          10
## 1.535269e+00 1.736026e+00 -1.302202e-01 -1.217415e-01 1.511036e+00
##          10          10          10          10          10
## 1.419610e+00 -5.735587e+00 -8.791116e-01 2.022396e+00 1.965955e+00
##          10          10          10          10          10
## -5.735587e+00 2.031793e+00 -6.963945e+00 -6.963945e+00 2.315481e+00
##          10          10          10          10          10
## -3.770891e-01 1.118533e+00 2.519502e+00 -6.679036e+00 1.502781e+00
##          10          10          10          10          10
## 5.003806e-01 7.882099e-01 1.082003e+00 1.336011e-01 1.207887e-01
##          10          10          10          10          10
## 3.278351e+00 2.538915e+00 1.685067e+00 3.272056e-01 2.229489e-01
##          10          10          10          10          10
## 1.113692e+00 1.772987e+00 1.488882e+00 1.914981e+00 -2.277966e+00
##          10          10          10          10          10
## -5.735587e+00 -5.031499e-01 1.407495e+00 1.899914e+00 1.273642e-01
##          10          10          10          10          10
## 1.699603e+00 9.218805e-01 2.273360e+00 1.948073e+00 -2.469631e-01
##          10          10          10          10          10
## 1.316712e-01 -6.963945e+00 5.280035e-01 3.596364e+00 4.268904e-01
##          10          10          10          10          10
## 6.068536e-01 1.588032e+00 1.867283e+00 5.171514e-01 -6.121388e+00
##          10          10          10          10          10
## 1.258983e+00 4.184438e-01 7.735734e-01 1.744573e+00 2.382552e-03
##          10          10          10          10          10
## 1.736235e-01 6.288319e-01 1.771919e+00 1.509818e+00 8.117304e-01
##          10          10          10          10          10
## 1.870598e+00 2.678594e+00 -1.809757e+00 1.265023e+00 1.951024e+00
##          10          10          10          10          10
## 1.949157e+00 -4.040205e-01 6.384569e-01 2.920197e-01 1.310557e+00
##          10          10          10          10          10
## 4.168397e-01 2.368144e+00 2.021228e+00 1.805075e+00 9.607347e-02
##          10          10          10          10          10
## 9.483878e-01 -6.963945e+00 -6.121388e+00 5.848915e-01 -7.449656e+00
##          10          10          10          10          10
## -2.277966e+00 9.923262e-01 1.892146e+00 3.627118e+00 2.176925e-01
##          10          10          10          10          10
## 1.088212e+00 2.550472e+00 -5.735587e+00 8.750221e-01 2.273917e+00

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##          10          10          10          10          10
## 7.152720e-01 2.222248e+00 -6.517589e+00 2.417251e+00 -6.963945e+00
##          10          10          10          10          10
## 1.828008e+00 -6.963945e+00 3.240056e+00 -6.963945e+00 1.741806e+00
##          10          10          10          10          10
## -6.631740e-02 3.226437e-01 1.283994e+00 1.539266e+00 8.819711e-01
##          10          10          10          10          10
## -6.963945e+00 -5.735587e+00 1.221349e+00 -6.963945e+00 9.163939e-01
##          10          10          10          10          10
## 2.823656e-01 5.458377e-01 1.085649e+00 2.475033e+00 -1.531853e-03
##          10          10          10          10          10
## 1.701810e+00 1.176717e+00 4.176415e-01 1.176888e+00 -2.255455e-01
##          10          10          10          10          10
## 1.801865e+00 1.243222e+00 1.020611e+00 1.131349e+00 1.752160e-01
##          10          10          10          10          10
## -1.183737e-01 1.766940e+00 2.612377e+00 5.782756e-01 -6.963945e+00
##          10          10          10          10          10
## 1.671209e+00 3.915946e+00 2.377250e+00 -1.089337e+00 7.390352e-01
##          10          10          10          10          10
## 5.813945e-02 1.824055e+00 1.596706e+00 7.719824e-01 8.370377e-01
##          10          10          10          10          10
## -2.063314e-02 1.014323e+00 6.334669e-01 6.454851e-01 3.170631e-01
##          10          10          10          10          10
## 1.011267e+00 1.317112e+00 1.076143e+00 4.354447e-01 9.099996e-01
##          10          10          10          10          10
## 1.883316e+00 6.985338e-01 5.963360e-01 2.760804e+00 1.636813e+00
##          10          10          10          10          10
## 7.186280e-01 9.375319e-01 -3.454951e-01 -2.195037e-01 -1.327793e-01
##          10          10          10          10          10
## 9.004052e-01 2.531963e+00 2.169542e+00 -6.963945e+00 4.661553e-01
##          10          10          10          10          10
## 1.099099e-01 9.424929e-01 -6.517589e+00 -6.121388e+00 1.901934e+00
##          10          10          10          10          10
## 1.721835e+00 1.805692e+00 -9.742152e-01 5.032708e-01 1.304293e+00
##          10          10          10          10          10
## 9.904972e-02 1.308860e+00 -5.388447e-01 -6.963945e+00 7.073093e-01
##          10          10          10          10          10
## 1.063972e+00 2.342018e+00 8.970028e-02 7.881835e-01 3.602763e-01
##          10          10          10          10          10
## 1.018559e+00 1.921829e+00 6.385514e-01 2.113887e+00 2.042471e+00
##          10          10          10          10          10
## -1.120525e-01 2.158718e+00 7.071307e-01 4.121296e-01 1.183050e+00
##          10          10          10          10          10
## -7.465751e-01 -1.105684e-01 1.655461e+00 1.141135e+00 -3.082911e-01
##          10          10          10          10          10
## -3.833887e-02 5.237104e-01 1.746471e+00 9.157275e-01 1.088525e-02
##          10          10          10          10          10
## 1.022225e+00 7.828005e-01 1.062697e+00 9.330432e-01 -6.963945e+00
##          10          10          10          10          10
## -5.735587e+00 2.083893e+00 1.106048e+00 5.677409e-01 9.985650e-01
##          10          10          10          10          10
## -2.277966e+00 2.072036e+00 2.425383e+00 1.521471e+00 1.523895e+00
##          10          10          10          10          10
## -6.517589e+00 7.663668e-01 4.437722e-01 2.389525e-01 3.257531e-01

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##          10          10          10          10          10
## 2.481771e+00 1.952794e+00 1.038765e+00 -1.162228e-01 1.092013e+00
##          10          10          10          10          10
## -5.735587e+00 1.211351e+00 2.640180e-01 -3.916073e-01 1.411098e+00
##          10          10          10          10          10
## 9.049284e-01 1.132263e+00 -4.753503e-01 1.593221e+00 6.155028e-01
##          10          10          10          10          10
## 6.771481e-01 1.401833e+00 2.242245e+00 1.771150e+00 -6.679036e+00
##          10          10          10          10          10
## 1.568558e+00 1.387494e+00 1.240394e+00 1.273988e+00 -1.707177e-01
##          10          10          10          10          10
## -6.963945e+00 8.333829e-01 -9.521624e-02 1.988014e+00 1.543499e+00
##          10          10          10          10          10
## -3.017756e-01 -3.696318e-01 1.875860e+00 6.434720e-01 2.153114e+00
##          10          10          10          10          10
## 1.913703e+00 2.456183e+00 1.615311e+00 5.648639e-01 9.882859e-01
##          10          10          10          10          10
## -6.963945e+00 -1.274364e-01 1.096139e+00 1.955727e+00 1.526325e+00
##          10          10          10          10          10
## -5.851198e-01 -5.018307e-02 -5.735587e+00 1.205224e+00 9.997106e-01
##          10          10          10          10          10
## 7.801891e-01 1.117886e+00 6.836364e-01 -5.735587e+00 -2.532118e-01
##          10          10          10          10          10
## 2.075811e+00 -6.121388e+00 -5.089262e-01 1.275880e+00 5.346237e-01
##          10          10          10          10          10
## 1.974116e+00 1.629993e+00 1.099307e+00 -6.121388e+00 1.045258e+00
##          10          10          10          10          10
## -2.277966e+00 1.250640e+00 9.699949e-01 1.912663e+00 -6.963945e+00
##          10          10          10          10          10
## 1.154770e+00 2.350673e+00 1.074799e+00 3.112279e-01 1.325013e+00
##          10          10          10          10          10
## 1.419164e+00 5.349543e-01 4.101636e-01 1.090539e+00 1.231800e+00
##          10          10          10          10          10
## 1.677477e+00 1.290153e+00 6.425810e-03 8.309537e-01 1.071785e-01
##          10          10          10          10          10
## 2.424777e-01 2.778811e+00 -9.097027e-01 1.561186e+00 6.258479e-01
##          10          10          10          10          10
## 3.229138e+00 1.367009e+00 5.010171e-01 3.610723e-01 -6.963945e+00
##          10          10          10          10          10
## -1.904504e-01 -1.113714e+00 -1.388657e+00 -6.121388e+00 4.641133e-01
##          10          10          10          10          10
## 2.132271e+00 1.626004e+00 1.193241e+00 2.806302e-01 -6.121388e+00
##          10          10          10          10          10
## 7.812322e-01 2.038150e+00 8.587038e-01 -2.277966e+00 7.812603e-01
##          10          10          10          10          10
## 3.881730e-01 1.189520e-01 -5.382294e-01 4.229422e-01 -8.134308e-01
##          10          10          10          10          10
## 8.536248e-01 4.129283e-01 -2.277966e+00 1.840702e-01 4.198897e+00
##          10          10          10          10          10
## 7.550595e-01 1.298255e+00 -6.963945e+00 9.645387e-01 1.032136e+00
##          10          10          10          10          10
## 1.381214e+00 3.283081e+00 7.496282e-01 1.122585e+00 1.128286e+00
##          10          10          10          10          10
## 4.054393e+00 -5.735587e+00 -6.963945e+00 1.565855e+00 -2.031822e-01

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##          10          10          10          10          10
## 1.247819e+00 1.041403e+00 1.506959e+00 9.695303e-01 1.185427e+00
##          10          10          10          10          10
## 4.541955e+00 4.121203e-01 3.691116e-01 6.314779e-01 2.432201e+00
##          10          10          10          10          10
## 2.193254e+00 9.652045e-01 1.402036e+00 -2.277966e+00 4.896895e-01
##          10          10          10          10          10
## 1.146248e+00 6.556119e-01 5.897466e-01 -1.400881e+00 1.178247e+00
##          10          10          10          10          10
## -6.517589e+00 4.785224e-02 -1.058318e-01 5.431057e-01 7.561845e-01
##          10          10          10          10          10
## 1.670578e+00 8.333829e-01 6.220836e-01 -5.613491e-01 -6.517589e+00
##          10          10          10          10          10
## 7.794518e-01 -6.517589e+00 -7.634245e-01 3.998607e-01 -1.598021e-01
##          10          10          10          10          10
## 1.014178e+00 -6.517589e+00 7.331883e-01 -3.579661e-02 7.284329e-01
##          10          10          10          10          10
## 1.317489e+00 2.747171e+00 1.576637e+00 1.240846e+00 8.930507e-01
##          10          10          10          10          10
## 2.114484e-01 2.334652e+00 -1.250802e-01 2.298887e+00 1.155888e+00
##          10          10          10          10          10
## -4.688868e-01 5.376641e-01 5.600742e-01 -4.054408e-01 2.000427e+00
##          10          10          10          10          10
## 1.026641e+00 -1.624299e+00 1.272100e+00 -2.179826e-01 1.407937e+00
##          10          10          10          10          10
## 9.692401e-01 -3.317459e-01 1.164207e+00 4.563464e-01 3.767812e-01
##          10          10          10          10          10
## -1.209104e-01 -5.735587e+00 1.591666e+00 1.688384e+00 1.303679e-02
##          10          10          10          10          10
## -6.963945e+00 -5.860064e-01 1.583386e+00 1.051080e+00 1.440338e+00
##          10          10          10          10          10
## 5.938643e-01 2.841990e-01 1.272100e+00 6.429118e-01 -2.277966e+00
##          10          10          10          10          10
## -6.121388e+00 7.724935e-01 -8.672749e-01 4.656530e-01 1.436901e+00
##          10          10          10          10          10
## 1.468092e+00 -2.277966e+00 1.431710e+00 5.390217e-01 3.313631e-01
##          10          10          10          10          10
## 7.774267e-01 -6.517589e+00 1.006975e+00 3.007031e+00 -6.517589e+00
##          10          10          10          10          10
## 1.506979e+00 1.883054e+00 6.061954e-01 -8.083787e-01 -8.730265e-01
##          10          10          10          10          10
## 9.807967e-01 -5.425885e-01 -6.963945e+00 6.853747e-02 -6.121388e+00
##          10          10          10          10          10
## 2.485481e+00 6.166849e-01 1.534617e+00 4.529878e-01 -2.323058e-01
##          10          10          10          10          10
## 9.223519e-01 1.028857e+00 1.170549e+00 1.498757e+00 1.492836e+00
##          10          10          10          10          10
## -6.963945e+00 9.602829e-01 -4.513482e-01 2.520908e+00 1.318429e+00
##          10          10          10          10          10
## -9.125634e-01 7.471354e-01 1.219690e+00 -7.908345e+00 -6.517589e+00
##          10          10          10          10          10
## 1.291913e+00 6.814752e-01 6.212626e-01 1.361406e+00 -2.277966e+00
##          10          10          10          10          10
## -2.277966e+00 2.649241e+00 -6.963945e+00 1.358130e+00 1.033953e+00

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##          10          10          10          10          10
## 1.531014e+00 1.299639e+00 -1.757586e+00 1.275103e+00 6.964100e-01
##          10          10          10          10          10
## 1.508909e+00 3.427765e+00 -7.497326e-02 3.506169e-02 1.166920e+00
##          10          10          10          10          10
## 8.883747e-01 1.249791e+00 1.811564e-01 2.610780e+00 1.336147e+00
##          10          10          10          10          10
## 1.081816e+00 -7.572697e-01 -5.039402e-01 1.967799e+00 -6.963945e+00
##          10          10          10          10          10
## -3.602678e-02 -2.828670e-01 -6.963945e+00 -5.178389e-01 1.991983e+00
##          10          10          10          10          10
## -9.353428e-02 -6.963945e+00 3.294395e+00 6.611848e-01 1.455133e+00
##          10          10          10          10          10
## -7.207729e-01 1.128831e+00 -1.866135e-02 1.022225e+00 -3.715839e-01
##          10          10          10          10          10
## 1.246257e+00 5.440156e-01 1.890363e+00 6.269295e-02 9.994039e-01
##          10          10          10          10          10
## 1.779233e+00 3.300988e-02 1.390514e+00 2.082486e+00 6.040613e-01
##          10          10          10          10          10
## 1.318451e+00 -1.275242e+00 -6.240859e-01 6.993024e-01 1.155275e+00
##          10          10          10          10          10
## 1.899355e+00 9.006161e-01 1.469316e+00 1.696830e+00 1.356008e+00
##          10          10          10          10          10
## 1.908279e+00 3.691116e-01 -6.538018e+00 1.066016e+00 -3.370319e-01
##          10          10          10          10          10
## 6.294928e-01 -2.277966e+00 1.231440e+00 1.294996e+00 -2.277966e+00
##          10          10          10          10          10
## -9.148558e-02 -7.359682e-01 -5.735587e+00 2.287436e+00 5.039161e-01
##          10          10          10          10          10
## 1.132067e+00 1.522206e+00 -2.470184e-01 9.853061e-01 1.039459e+00
##          10          10          10          10          10
## 5.972452e-01 9.546097e-01 -5.735587e+00 1.133799e+00 1.332356e+00
##          10          10          10          10          10
## 2.948370e+00 1.478917e+00 1.006569e-01 -6.517589e+00 -1.414090e+00
##          10          10          10          10          10
## 1.080996e+00 1.655323e+00 1.479665e-01 -2.277966e+00 5.100116e-01
##          10          10          10          10          10
## 2.321864e+00 1.592774e+00 1.118533e+00 6.994166e-01 1.518517e+00
##          10          10          10          10          10
## -6.197423e-01 4.289757e-01 -2.277966e+00 1.151081e+00 2.702618e-01
##          10          10          10          10          10
## 1.012460e+00 -6.963945e+00 -6.517589e+00 1.188266e+00 -7.908345e+00
##          10          10          10          10          10
## 1.675592e+00 -2.431218e-01 1.309359e+00 7.893728e-01 -6.963945e+00
##          10          10          10          10          10
## 1.612371e+00 2.186960e+00 2.139148e+00 3.097541e-01 1.558003e+00
##          10          10          10          10          10
## 2.714111e+00 1.052330e+00 1.031819e+00 1.274742e+00 5.707678e-01
##          10          10          10          10          10
## -2.579078e-02 3.974010e-01 2.830460e+00 -4.707932e-01 2.044160e+00
##          10          10          10          10          10
## 1.213936e+00 2.498788e+00 1.809464e+00 1.941149e+00 2.151597e+00
##          10          10          10          10          10
## 1.287276e+00 2.006718e+00 1.010712e-01 1.760025e+00 -1.445586e+00

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##          10          10          10          10          10
## 2.649053e+00 4.848183e-01 8.470591e-01 8.504716e-02 -9.312270e-02
##          10          10          10          10          10
## 1.442997e-01 4.713637e-01 1.290236e+00 -2.816377e-01 1.353822e+00
##          10          10          10          10          10
## 2.295028e-01 1.724374e+00 9.925549e-01 1.709541e+00 -6.963945e+00
##          10          10          10          10          10
## 4.519095e-01 7.691873e-01 4.322192e-01 1.399045e+00 -6.963945e+00
##          10          10          10          10          10
## -5.149266e-02 2.647392e+00 1.230176e+00 1.573010e+00 -6.517589e+00
##          10          10          10          10          10
## 8.201973e-01 1.642215e+00 -3.994242e-01 1.250620e+00 1.503478e+00
##          10          10          10          10          10
## -4.269931e-01 1.169640e+00 1.596579e+00 2.592504e-01 1.527136e+00
##          10          10          10          10          10
## -6.963945e+00 3.316228e-01 2.242219e+00 5.653588e-01 1.547252e+00
##          10          10          10          10          10
## 4.099685e+00 1.303115e+00 1.116917e+00 -6.517589e+00 1.186581e+00
##          10          10          10          10          10
## -6.517589e+00 7.589257e-01 7.606972e-01 1.237982e+00 1.242366e+00
##          10          10          10          10          10
## 2.688494e+00 1.593515e-01 -1.458501e-01 1.352083e+00 1.796387e+00
##          10          10          10          10          10
## 1.635249e+00 6.196260e-01 -6.517589e+00 7.087400e-01 1.324172e+00
##          10          10          10          10          10
## 1.065129e-01 -8.435758e-02 1.667155e+00 8.395663e-01 -1.196705e+00
##          10          10          10          10          10
## 1.052802e+00 1.335165e+00 1.328357e+00 2.619919e-01 1.124743e+00
##          10          10          10          10          10
## 4.274124e-01 6.893138e-01 2.293352e+00 7.916642e-01 4.377985e+00
##          10          10          10          10          10
## -6.517589e+00 4.671570e+00 -6.935157e-01 -5.735587e+00 1.495797e+00
##          10          10          10          10          10
## 1.486402e+00 1.778311e+00 2.033523e-01 -4.386241e-01 1.644397e+00
##          10          10          10          10          10
## -6.963945e+00 2.419858e+00 -6.121388e+00 1.727769e+00 1.229154e+00
##          10          10          10          10          10
## -6.121388e+00 8.896604e-01 6.834784e-01 1.153812e+00 6.839415e-01
##          10          10          10          10          10
## 1.998687e+00 -3.841951e-01 5.517828e-01 -6.121388e+00 -7.908345e+00
##          10          10          10          10          10
## -6.963945e+00 4.403557e-01 2.452580e+00 1.167147e+00 1.441930e+00
##          10          10          10          10          10
## -6.963945e+00 1.865369e+00 -3.510208e-01 1.849037e+00 1.560394e+00
##          10          10          10          10          10
## -7.001107e-01 -6.963945e+00 1.538562e+00 -2.277966e+00 7.528133e-01
##          10          10          10          10          10
## 3.162877e-01 2.914339e+00 -3.267356e-01 5.800981e-01 -2.974099e-02
##          10          10          10          10          10
## 9.391077e-01 3.630180e-01 5.829967e-01 1.027462e+00 -6.963945e+00
##          10          10          10          10          10
## 5.896441e-01 -5.735587e+00 4.925691e-01 3.246438e-02 6.054043e-01
##          10          10          10          10          10
## -6.963945e+00 -2.982197e-01 2.856596e+00 4.301221e-01 1.592033e+00

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##          10          10          10          10          10
## 2.606634e-01 1.096930e+00 8.922742e-02 2.412550e+00 -6.121388e+00
##          10          10          10          10          10
## 2.095971e+00 1.733738e+00 2.796008e+00 1.364937e+00 1.923645e+00
##          10          10          10          10          10
## 1.747206e+00 1.185447e-01 8.251478e-01 5.052636e-01 1.718166e+00
##          10          10          10          10          10
## -2.277966e+00 1.368532e+00 2.717534e+00 6.803435e-01 9.569672e-02
##          10          10          10          10          10
## 2.400664e+00 2.049654e+00 2.343661e+00 -4.033161e-01 1.402907e+00
##          10          10          10          10          10
## -6.517589e+00 3.130123e+00 -1.298991e-01 -6.517589e+00 1.287306e+00
##          10          10          10          10          10
## 1.724391e+00 -6.517589e+00 4.720770e-01 1.470350e+00 -1.147024e+00
##          10          10          10          10          10
## 9.055180e-01 6.387905e-01 -5.706936e-01 1.434421e+00 9.578932e-01
##          10          10          10          10          10
## -2.277966e+00 7.107094e-01 -5.735587e+00 -5.735587e+00 5.195991e+00
##          10          10          10          10          10
## 4.075332e-01 3.847749e-01 1.967582e+00 3.669231e+00 3.345347e-01
##          10          10          10          10          10
## 5.845174e-01 -4.076399e-01 1.776551e+00 4.073218e-01 -5.841083e-01
##          10          10          10          10          10
## 5.887360e-01 -3.400399e-01 4.769274e-01 1.265195e+00 -6.963945e+00
##          10          10          10          10          10
## 8.740871e-01 2.071915e+00 1.356922e+00 2.456547e-01 2.540131e+00
##          10          10          10          10          10
## 1.723809e+00 9.707772e-01 -5.735587e+00 1.043756e+00 1.561814e+00
##          10          10          10          10          10
## -6.517589e+00 7.659879e-01 9.506643e-01 8.180971e-01 -6.121388e+00
##          10          10          10          10          10
## 9.478795e-01 5.040576e-01 -6.963945e+00 9.927869e-01 1.172661e+00
##          10          10          10          10          10
## 1.040632e+00 2.044860e+00 1.607788e+00 2.552654e+00 2.912412e-01
##          10          10          10          10          10
## 9.737180e-01 1.892152e-01 1.724798e+00 1.009882e+00 -6.121388e+00
##          10          10          10          10          10
## 6.492750e-01 4.881583e-01 1.304415e+00 -5.168011e-02 1.686435e+00
##          10          10          10          10          10
## 1.495495e+00 3.574215e-01 1.812329e+00 1.455335e+00 6.697089e-01
##          10          10          10          10          10
## 1.766190e+00 -6.538018e+00 1.302017e+00 1.999804e+00 -4.573716e-01
##          10          10          10          10          10
## 1.064020e+00 1.126757e+00 -6.963945e+00 2.006162e+00 -2.277966e+00
##          10          10          10          10          10
## 1.139786e+00 -1.502324e+00 -6.679036e+00 8.680258e-01 2.097644e+00
##          10          10          10          10          10
## 6.424670e-01 -1.771422e-02 1.780990e+00 7.848085e-01 1.222310e+00
##          10          10          10          10          10
## 1.815849e+00 -6.963945e+00 1.198923e+00 1.140337e+00 1.235069e+00
##          10          10          10          10          10
## -6.517589e+00 -5.735587e+00 1.321530e+00 -6.963945e+00 7.591907e-01
##          10          10          10          10          10
## -6.679036e+00 1.492411e+00 -1.904504e-01 9.699219e-01 6.314779e-01

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##          10          10          10          10          10
## -6.517589e+00 1.294032e+00 2.004246e+00 1.009363e+00 5.331519e-01
##          10          10          10          10          10
## 1.946264e+00 1.079032e-02 1.942659e+00 8.109374e-01 -6.963945e+00
##          10          10          10          10          10
## -9.151611e-01 4.128406e-01 2.001806e+00 1.792021e-01 2.758982e+00
##          10          10          10          10          10
## 2.348814e+00 1.730749e+00 3.747547e+00 -2.277966e+00 -6.808501e+00
##          10          10          10          10          10
## -5.735587e+00 3.615004e-01 1.747132e+00 1.503091e-02 -5.735587e+00
##          10          10          10          10          10
## 6.206083e-01 1.188332e+00 8.353727e-03 -6.679036e+00 1.476503e+00
##          10          10          10          10          10
## 6.637879e-01 1.475065e+00 9.883554e-02 7.851152e-01 1.493118e+00
##          10          10          10          10          10
## 4.035849e-01 4.873952e-01 1.221948e+00 3.129175e+00 1.430417e+00
##          10          10          10          10          10
## 1.426842e+00 1.533204e+00 1.110055e+00 -1.540267e-01 7.794518e-01
##          10          10          10          10          10
## 7.449912e-01 -1.773108e-01 2.282527e-01 2.898288e-01 -7.010738e-01
##          10          10          10          10          10
## 8.874030e-01 2.069661e+00 -6.963945e+00 1.599876e-01 4.094790e-01
##          10          10          10          10          10
## 1.315257e+00 6.874858e-01 -2.277966e+00 -6.963945e+00 6.947393e-01
##          10          10          10          10          10
## 2.628848e-01 -5.735587e+00 -6.538018e+00 -6.517589e+00 1.142268e+00
##          10          10          10          10          10
## 3.464499e-01 8.739281e-02 4.793301e-01 6.271242e-01 -6.121388e+00
##          10          10          10          10          10
## 1.000285e+00 5.127163e-01 1.054824e+00 1.077336e+00 1.744573e+00
##          10          10          10          10          10
## -7.401795e-01 -9.951729e-01 1.590364e+00 4.306666e-01 8.785402e-01
##          10          10          10          10          10
## 1.440338e+00 1.424956e+00 -2.277966e+00 -6.121388e+00 9.166961e-01
##          10          10          10          10          10
## 2.499217e+00 1.060037e-01 1.862821e+00 1.215380e+00 -2.277966e+00
##          10          10          10          10          10
## 4.001756e-01 -1.172675e+00 1.146553e+00 4.759070e+00 7.263535e-01
##          10          10          10          10          10
## 2.519593e+00 1.181974e+00 1.902461e+00 4.488574e+00 -7.977476e-01
##          10          10          10          10          10
## 4.788312e-01 -2.870857e-01 1.681257e+00 8.599953e-01 1.068834e+00
##          10          10          10          10          10
## -4.206743e-01 1.942729e+00 2.464336e+00 -7.908345e+00 1.089833e+00
##          10          10          10          10          10
## 3.793285e-02 -2.581966e-01 -1.752571e-02 2.843353e+00 1.303154e+00
##          10          10          10          10          10
## 1.204882e+00 2.684095e-01 5.717032e-01 1.570591e+00 6.419725e-01
##          10          10          10          10          10
## 1.000129e+00 4.447359e-01 9.991326e-01 1.184033e-01 1.044132e+00
##          10          10          10          10          10
## 2.897454e+00 8.922742e-02 2.143822e+00 5.047468e-01 -6.963945e+00
##          10          10          10          10          10
## 4.588730e+00 1.398922e+00 -6.538018e+00 1.074845e+00 -2.400046e-01

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##          10          10          10          10          10
## 1.059489e+00 -6.517589e+00 8.848870e-01 2.271114e+00 -4.332380e-01
##          10          10          10          10          10
## -6.517589e+00 1.554163e+00 1.537156e+00 7.399812e-01 -2.277966e+00
##          10          10          10          10          10
## 7.468325e-01 6.887252e-01 1.813365e+00 -6.963945e+00 8.200951e-01
##          10          10          10          10          10
## 2.380453e+00 5.009742e-02 2.159670e+00 -5.735587e+00 -7.908345e+00
##          10          10          10          10          10
## -1.345752e-01 -6.517589e+00 1.691248e+00 8.474662e-01 1.007158e+00
##          10          10          10          10          10
## 1.308598e+00 1.243099e+00 3.295425e-01 -2.277966e+00 3.493133e-02
##          10          10          10          10          10
## 1.874106e-01 -6.963945e+00 1.321021e+00 -6.865940e-01 4.799052e+00
##          10          10          10          10          10
## -9.735131e-01 5.789558e-01 -2.277966e+00 2.049918e+00 -6.963945e+00
##          10          10          10          10          10
## 1.642262e+00 -6.121388e+00 3.790786e-01 7.056977e-01 1.551783e+00
##          10          10          10          10          10
## 1.095687e+00 1.768739e+00 9.644336e-01 4.856292e-01 8.922367e-01
##          10          10          10          10          10
## -5.735587e+00 -7.036375e-01 -1.053569e-01 6.576497e-01 5.963360e-01
##          10          10          10          10          10
## 1.207108e+00 2.681879e-01 1.498450e+00 1.690147e+00 2.147697e+00
##          10          10          10          10          10
## 1.079667e+00 -6.808501e+00 1.969015e-01 -2.277966e+00 1.454308e+00
##          10          10          10          10          10
## 4.343145e-02 -2.277966e+00 2.494412e+00 3.511841e+00 -3.328219e-01
##          10          10          10          10          10
## 2.732693e-01 2.002597e+00 3.622326e-03 6.354599e-01 1.291913e+00
##          10          10          10          10          10
## 1.382688e+00 1.497854e+00 5.654837e-01 1.332016e+00 -6.963945e+00
##          10          10          10          10          10
## 4.835169e-01 1.500866e+00 2.977731e-01 -6.963945e+00 -5.735587e+00
##          10          10          10          10          10
## 5.047468e-01 -4.076399e-01 2.053817e-02 1.349597e+00 -4.120949e-01
##          10          10          10          10          10
## 9.250141e-01 -6.963945e+00 2.075619e+00 1.239777e+00 3.429641e-01
##          10          10          10          10          10
## 1.706571e+00 -2.628424e-01 -6.963945e+00 1.122585e+00 1.051362e+00
##          10          10          10          10          10
## -5.194352e-02 2.331033e+00 1.853941e-01 -3.599975e-01 -6.517589e+00
##          10          10          10          10          10
## -5.735587e+00 1.310067e+00 3.459298e+00 -5.305515e-01 -6.517589e+00
##          10          10          10          10          10
## -6.620281e+00 6.322266e-01 -3.710886e-01 4.240787e-01 -6.538018e+00
##          10          10          10          10          10
## 1.328508e+00 1.298864e+00 9.664714e-01 1.037770e+00 1.964484e+00
##          10          10          10          10          10
## 1.706341e-01 5.073757e-01 9.741202e-01 7.914359e-01 -5.735587e+00
##          10          10          10          10          10
## 8.881971e-01 6.583298e-01 -6.963945e+00 9.844204e-01 -5.735587e+00
##          10          10          10          10          10
## 1.942659e+00 1.360806e+00 -6.963945e+00 -6.400463e-01 1.535284e+00

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##          10          10          10          10          10
## 7.361259e-01 1.307425e+00 1.259781e+00 -7.497326e-02 3.637601e-01
##          10          10          10          10          10
## 1.129512e+00 -6.963945e+00 1.101290e+00 6.166849e-01 1.565749e-01
##          10          10          10          10          10
## -6.517589e+00 9.065265e-01 1.280942e+00 -6.963945e+00 9.826222e-01
##          10          10          10          10          10
## 7.213900e-01 8.630027e-01 1.370221e+00 1.168682e+00 2.389257e-01
##          10          10          10          10          10
## -2.277966e+00 8.468497e-01 -1.964058e+00 -6.517589e+00 1.576303e+00
##          10          10          10          10          10
## -6.538018e+00 2.660069e-01 3.054765e-01 1.319111e-02 1.191313e+00
##          10          10          10          10          10
## 7.194957e-01 4.501446e-03 -6.121388e+00 -6.963945e+00 -3.296698e-02
##          10          10          10          10          10
## 9.180410e-01 3.645379e-01 7.154999e-01 -1.421944e-01 -3.649500e-01
##          10          10          10          10          10
## -5.735587e+00 -2.277966e+00 1.299639e+00 -6.963945e+00 1.819309e+00
##          10          10          10          10          10
## 1.861280e+00 6.492750e-01 6.215414e-01 9.729776e-01 5.707678e-01
##          10          10          10          10          10
## 1.241843e+00 8.192543e-02 -2.277966e+00 5.513044e-01 1.613975e+00
##          10          10          10          10          10
## 1.959820e-01 9.686017e-01 2.188471e-01 7.197127e-01 -6.121388e+00
##          10          10          10          10          10
## -6.517589e+00 -2.277966e+00 -5.203212e-01 1.596439e-01 -5.735587e+00
##          10          10          10          10          10
## -5.735587e+00 3.083986e+00 -6.963945e+00 7.523523e-01 -5.656708e-01
##          10          10          10          10          10
## 1.800950e+00 1.239407e+00 -2.277966e+00 1.183699e+00 -6.121388e+00
##          10          10          10          10          10
## 1.215628e+00 8.394817e-01 -2.313371e-01 8.169800e-01 7.407004e-01
##          10          10          10          10          10
## 9.223519e-01 1.675300e+00 1.573315e+00 -1.261423e-01 -6.517589e+00
##          10          10          10          10          10
## -6.536555e-02 1.430417e+00 2.361414e+00 -5.735587e+00 -7.449656e+00
##          10          10          10          10          10
## 9.207736e-01 9.486769e-01 -7.202887e-01 1.414729e+00 1.510328e+00
##          10          10          10          10          10
## 1.447871e+00 3.597638e+00 -7.899316e-01 -6.517589e+00 -1.283652e-01
##          10          10          10          10          10
## 1.682204e+00 6.685883e-01 -6.963945e+00 5.236528e-01 2.010773e+00
##          10          10          10          10          10
## -6.963945e+00 -3.891212e-01 -9.508611e-01 1.502290e+00 2.214753e+00
##          10          10          10          10          10
## 1.770322e+00 8.117304e-01 5.735058e-01 1.219522e+00 7.807467e-01
##          10          10          10          10          10
## 1.353276e+00 1.171686e+00 1.353312e-02 2.089692e+00 7.590271e-01
##          10          10          10          10          10
## -6.121388e+00 -6.517589e+00 2.429900e+00 1.163590e+00 1.765349e+00
##          10          10          10          10          10
## -6.517589e+00 -2.277966e+00 1.167476e-01 2.350942e-01 1.338384e+00
##          10          10          10          10          10
## -1.183791e+00 9.183766e-01 2.654293e-01 4.405766e+00 2.488105e-01

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##          10          10          10          10          10
## 2.009892e-01 -4.941491e-01 6.929427e-01 1.673099e+00 1.984543e+00
##          10          10          10          10          10
## -6.517589e+00 4.551089e-01 1.373879e+00 -6.963945e+00 2.091843e+00
##          10          10          10          10          10
## 2.275290e+00 1.926569e+00 -6.963945e+00 1.735736e+00 2.150599e+00
##          10          10          10          10          10
## 1.360588e+00 -1.332644e-01 -8.097962e-02 2.967922e+00 2.506853e-01
##          10          10          10          10          10
## -2.277966e+00 2.786007e-01 -6.963945e+00 -6.517589e+00 2.631175e-01
##          10          10          10          10          10
## 2.465246e+00 1.182989e-01 3.110254e+00 9.198711e-01 1.108874e+00
##          10          10          10          10          10
## 1.742156e+00 9.520327e-01 -2.277966e+00 4.443457e-01 1.375823e+00
##          10          10          10          10          10
## -6.963945e+00 1.395410e+00 4.514946e-01 1.185678e+00 -4.059895e-02
##          10          10          10          10          10
## 5.188484e-01 3.915178e-01 1.195320e-02 -6.517589e+00 1.634833e+00
##          10          10          10          10          10
## -2.051162e-01 -8.374910e-02 -3.841048e-01 1.246954e+00 2.619941e+00
##          10          10          10          10          10
## 9.828907e-01 1.112819e+00 7.878965e-01 -6.963945e+00 -5.916457e-01
##          10          10          10          10          10
## 1.516391e-02 -6.517589e+00 1.757978e+00 7.916223e-01 2.799974e-01
##          10          10          10          10          10
## 7.743588e-01 1.705485e+00 8.858083e-01 1.570817e+00 1.297660e-01
##          10          10          10          10          10
## 1.243588e+00 1.269275e+00 8.499285e-01 -2.277966e+00 1.595006e+00
##          10          10          10          10          10
## -9.563463e+00 -5.735587e+00 4.856765e-01 -2.772851e-01 2.246620e+00
##          10          10          10          10          10
## 9.520327e-01 -6.963945e+00 -6.121388e+00 1.171171e+00 6.245751e-01
##          10          10          10          10          10
## 2.081269e+00 7.500268e-02 -2.093766e-01 2.254262e+00 -4.138312e-01
##          10          10          10          10          10
## -2.277966e+00 7.053426e-01 7.432672e-01 6.027512e-01 2.513039e-02
##          10          10          10          10          10
## 3.980505e-01 8.987068e-01 1.631394e+00 1.409378e+00 -1.869989e+00
##          10          10          10          10          10
## 1.345556e+00 -2.277966e+00 1.304044e+00 1.008745e+00 4.510009e-01
##          10          10          10          10          10
## -5.900423e-01 1.067040e+00 2.416118e-01 1.553448e+00 2.035447e+00
##          10          10          10          10          10
## 2.352569e+00 2.606717e+00 -6.963945e+00 9.741202e-01 2.447555e+00
##          10          10          10          10          10
## 1.048502e+00 8.642561e-01 1.175103e+00 7.261053e-02 5.794094e-01
##          10          10          10          10          10
## -9.114201e-01 -5.491158e-01 -6.963945e+00 -6.121388e+00 4.085148e-01
##          10          10          10          10          10
## 3.301334e-01 1.262460e+00 -6.963945e+00 7.277521e-01 1.922237e+00
##          10          10          10          10          10
## 5.741557e-01 5.123604e-01 1.671288e-01 -6.963945e+00 -2.952361e-01
##          10          10          10          10          10
## -5.735587e+00 2.216678e+00 1.647605e+00 2.289050e+00 7.433952e-01

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##          10          10          10          10          10
## 2.918995e+00 9.547752e-01 1.997012e+00 1.344450e+00 -7.097194e-03
##          10          10          10          10          10
## -3.031367e-01 1.675083e+00 4.734385e+00 1.367009e+00 2.723682e+00
##          10          10          10          10          10
## 7.707469e-02 1.351913e+00 1.910094e+00 1.311864e+00 2.222090e+00
##          10          10          10          10          10
## 1.238711e+00 -6.517589e+00 1.047365e+00 -7.582258e-02 1.110477e+00
##          10          10          10          10          10
## 9.547752e-01 1.866661e-01 1.577053e+00 9.705444e-01 3.268892e-01
##          10          10          10          10          10
## 6.354599e-01 -6.963945e+00 -6.517589e+00 -6.963945e+00 3.126710e-01
##          10          10          10          10          10
## 1.481724e+00 4.680981e+00 4.085148e-01 1.025904e+00 5.421967e-01
##          10          10          10          10          10
## 1.510038e+00 -1.946930e-01 1.335366e+00 1.249717e+00 -6.963945e+00
##          10          10          10          10          10
## 1.479593e+00 -2.962942e-01 1.303115e+00 -6.963945e+00 -6.517589e+00
##          10          10          10          10          10
## -6.963945e+00 3.312762e-04 2.065120e+00 2.893838e-02 8.915920e-01
##          10          10          10          10          10
## -8.198638e-03 -9.420796e-01 1.289030e+00 -2.557865e-01 3.808946e-01
##          10          10          10          10          10
## 1.123398e+00 7.417928e-01 1.967149e+00 7.427675e-01 3.011846e-01
##          10          10          10          10          10
## 4.788467e+00 -6.538018e+00 1.815875e-01 1.388248e-01 1.435601e+00
##          10          10          10          10          10
## 2.029043e+00 -6.121388e+00 -6.963945e+00 1.568427e+00 2.091361e+00
##          10          10          10          10          10
## -6.679036e+00 3.796059e-02 2.335749e-01 -2.372485e-01 2.223141e+00
##          10          10          10          10          10
## 1.983392e+00 -2.376264e-01 5.016884e-01 -2.364998e-01 1.012237e+00
##          10          10          10          10          10
## 2.203221e-01 -1.272566e-02 7.686438e-01 6.918866e-01 3.069113e-01
##          10          10          10          10          10
## 7.097216e-01 -3.490101e-01 -6.963945e+00 -1.086243e+00 2.590769e+00
##          10          10          10          10          10
## -4.097121e-01 -2.277966e+00 -5.735587e+00 6.057690e-01 -7.180835e-01
##          10          10          10          10          10
## -5.735587e+00 1.446540e+00 1.349387e+00 5.673833e-01 -6.963945e+00
##          10          10          10          10          10
## -2.277966e+00 -1.699945e+00 9.286042e-01 -3.547558e-01 5.899063e-02
##          10          10          10          10          10
## 1.594262e+00 -1.236300e-01 1.314473e-01 5.494066e-01 1.198188e+00
##          10          10          10          10          10
## 3.590766e-01 -6.963945e+00 1.028290e+00 6.196260e-01 2.089692e+00
##          10          10          10          10          10
## 1.079032e-02 1.284246e+00 8.467820e-01 9.456627e-01 1.631394e+00
##          10          10          10          10          10
## -6.121388e+00 -5.735587e+00 1.052849e+00 1.322829e+00 -1.677459e-01
##          10          10          10          10          10
## -5.735587e+00 1.475213e+00 1.011267e+00 1.817050e+00 -6.538018e+00
##          10          10          10          10          10
## 8.260167e-01 1.042692e+00 3.228425e-01 -6.963945e+00 1.320873e+00

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##          10          10          10          10          10
## 5.241707e-01 9.961178e-01 3.650451e-01 -6.963945e+00 2.014915e+00
##          10          10          10          10          10
## -6.517589e+00 1.677006e+00 1.249717e+00 7.824152e-01 -6.517589e+00
##          10          10          10          10          10
## 2.116733e+00 7.947400e-01 -6.963945e+00 8.317088e-01 1.985669e+00
##          10          10          10          10          10
## 1.478047e+00 4.220945e-01 4.486096e-01 4.771272e-01 8.333829e-01
##          10          10          10          10          10
## 9.071029e-01 2.665296e+00 9.097858e-01 1.611241e+00 1.021810e+00
##          10          10          10          10          10
## 7.035648e-01 -6.538018e+00 1.236888e+00 2.239891e+00 4.544028e-01
##          10          10          10          10          10
## -2.277966e+00 1.209940e+00 3.729391e-01 9.675258e-01 -5.735587e+00
##          10          10          10          10          10
## -1.887042e-01 9.930304e-01 1.586428e+00 1.291974e+00 9.223519e-01
##          10          10          10          10          10
## 1.921736e+00 -2.277966e+00 -2.277966e+00 -1.522154e-01 4.979343e+00
##          10          10          10          10          10
## 3.730059e+00 3.462471e-01 1.535050e+00 -2.355407e-02 3.439003e-01
##          10          10          10          10          10
## 1.696165e+00 -1.626862e-01 1.677854e+00 -6.963945e+00 1.406464e-01
##          10          10          10          10          10
## -7.908345e+00 1.058880e+00 1.269871e+00 -6.121388e+00 -6.963945e+00
##          10          10          10          10          10
## 3.064401e+00 1.083546e-01 2.578824e-01 1.122179e+00 1.467427e-01
##          10          10          10          10          10
## -6.963945e+00 9.522958e-01 1.650018e+00 1.914467e+00 5.491414e-01
##          10          10          10          10          10
## -6.963945e+00 1.176169e+00 1.349023e+00 2.203741e+00 2.480089e+00
##          10          10          10          10          10
## 8.513793e-01 9.372252e-02 1.654861e+00 1.695152e+00 -1.540267e-01
##          10          10          10          10          10
## 6.265225e-01 1.838499e-02 2.159999e+00 6.196260e-01 1.054549e-01
##          10          10          10          10          10
## 9.893004e-01 1.291143e+00 -1.139792e+00 4.103800e+00 -3.838640e-01
##          10          10          10          10          10
## -2.932784e-01 3.013470e+00 6.088840e-01 1.734936e+00 -8.064049e-01
##          10          10          10          10          10
## -2.706844e-02 2.986238e+00 4.487387e-01 -6.963945e+00 4.238382e+00
##          10          10          10          10          10
## -6.963945e+00 8.918069e-01 2.169883e+00 1.837278e+00 1.559981e+00
##          10          10          10          10          10
## 5.135369e-01 1.294033e+00 -6.963945e+00 8.950991e-01 3.469302e-01
##          10          10          10          10          10
## 1.177128e+00 2.454760e+00 2.635575e+00 3.720549e-01 1.152536e+00
##          10          10          10          10          10
## -2.291134e-02 -6.517589e+00 -2.970785e-01 -6.517589e+00 -5.549202e-01
##          10          10          10          10          10
## -6.963945e+00 6.232325e-01 2.120165e+00 1.052045e+00 1.399330e+00
##          10          10          10          10          10
## 1.948447e+00 -2.277966e+00 -2.990995e-01 8.033793e-01 1.696073e+00
##          10          10          10          10          10
## -7.449656e+00 -6.517589e+00 -2.636832e-02 1.534194e+00 -6.963945e+00

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##          10          10          10          10          10
##  1.554698e+00 -9.627042e-01  8.285305e-01 -6.538018e+00  8.145108e-01
##          10          10          10          10          10
## -2.041859e+00  1.634437e+00  2.421755e-01  6.918866e-01  9.551141e-01
##          10          10          10          10          10
##  2.085431e-01  5.848915e-01 -2.277966e+00  8.561368e-01  1.045910e+00
##          10          10          10          10          10
##  5.206252e-01 -6.517589e+00  4.737278e-01 -6.538018e+00  1.798666e+00
##          10          10          10          10          10
## -6.121388e+00  3.442117e-01  2.034928e+00  6.938287e-01  3.028535e-02
##          10          10          10          10          10
##  8.981277e-01 -6.517589e+00  3.049987e-01  7.628753e-01 -2.277966e+00
##          10          10          10          10          10
##  1.284615e+00  5.776167e-01 -5.498563e-01  4.033076e-01  7.783789e-01
##          10          10          10          10          10
##  3.316228e-01 -4.807533e-02 -6.963945e+00 -6.517589e+00  4.001500e-01
##          10          10          10          10          10
##  1.688176e+00 -6.963945e+00  1.118533e+00 -2.277966e+00  3.338329e-01
##          10          10          10          10          10
##  1.552670e+00  6.428019e-01 -2.094543e-01  6.887252e-01  2.144086e+00
##          10          10          10          10          10
## -5.735587e+00 -6.517589e+00  4.908415e-01  1.667155e+00 -1.104327e+00
##          10          10          10          10          10
##  2.747411e+00  1.335031e+00  4.400197e-01  8.974445e-02 -5.735587e+00
##          10          10          10          10          10
## -6.963945e+00  2.212959e+00  1.711564e+00  5.072085e-01 -5.735587e+00
##          10          10          10          10          10
##  1.794191e+00  1.315222e+00  5.224051e-01  4.481345e-01  2.083523e+00
##          10          10          10          10          10
##  1.235675e+00  2.578544e+00 -2.796812e-01 -2.327478e-01  1.112128e+00
##          10          10          10          10          10
## -6.963945e+00  7.646626e-01  1.464235e+00 -1.016698e+00  3.396280e-01
##          10          10          10          10          10
##  2.389935e+00  1.523086e+00 -6.121388e+00  1.075849e+00  7.141682e-01
##          10          10          10          10          10
##  2.608163e+00  2.377667e-02  2.001571e+00  2.154229e+00  1.211714e+00
##          10          10          10          10          10
## -2.417784e-01  9.190623e-01  1.850934e+00 -5.735587e+00 -6.963945e+00
##          10          10          10          10          10
##  1.479593e+00 -6.517589e+00  1.314485e+00  6.021478e-01  3.464423e+00
##          10          10          10          10          10
##  8.768775e-01 -2.277966e+00 -7.908345e+00 -2.865839e-01  2.074513e+00
##          10          10          10          10          10
## -5.170787e-01 -6.620281e+00 -6.517589e+00 -6.679036e+00 -6.963945e+00
##          10          10          10          10          10
## -1.841788e-03  2.176215e-01 -5.735587e+00 -2.162439e+00  7.015084e-01
##          10          10          10          10          10
## -3.542056e-01  3.683757e-02 -9.320745e-02  1.107273e+00  4.620515e-01
##          10          10          10          10          10
##  1.225485e-01  3.724410e+00  4.176415e-01 -4.528575e-01  3.329566e-01
##          10          10          10          10          10
##  2.581975e+00  1.099065e+00  1.515960e+00  2.134965e+00  2.558038e-02
##          10          10          10          10          10
##  1.040259e+00 -6.963945e+00  1.326177e+00  2.551738e+00  3.700849e-01

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##          10          10          10          10          10
## -1.247133e+00 9.630481e-01 -5.735587e+00 1.893515e+00 3.427224e-01
##          10          10          10          10          10
## 1.236628e+00 8.254427e-02 3.974458e-01 1.475181e+00 8.237016e-01
##          10          10          10          10          10
## 7.799795e-01 3.752426e-01 2.302452e-01 -2.247486e-01 -6.963945e+00
##          10          10          10          10          10
## -4.880400e-02 -5.735587e+00 4.378332e-01 2.106507e+00 1.945401e-01
##          10          10          10          10          10
## -6.963945e+00 1.860385e+00 -6.121388e+00 1.029597e+00 -6.121388e+00
##          10          10          10          10          10
## 1.696586e+00 5.758976e-01 -6.963945e+00 -2.277966e+00 6.733804e-01
##          10          10          10          10          10
## 1.705212e+00 1.668714e+00 7.778036e-01 -5.735587e+00 9.384321e-01
##          10          10          10          10          10
## 1.907210e+00 2.073006e-01 1.676953e+00 1.955697e+00 -6.121388e+00
##          10          10          10          10          10
## 2.537899e-01 1.883440e+00 3.767005e-01 1.419009e-02 1.821280e+00
##          10          10          10          10          10
## 7.074880e-01 1.164885e+00 1.351822e+00 6.583129e-02 -6.517589e+00
##          10          10          10          10          10
## 1.546474e+00 1.711876e+00 9.098028e-01 2.385647e+00 9.241259e-01
##          10          10          10          10          10
## -5.735587e+00 9.665487e-02 1.541078e-01 -1.783201e+00 -5.735587e+00
##          10          10          10          10          10
## 1.106513e+00 6.627444e-01 1.851503e+00 3.033282e-01 1.905230e+00
##          10          10          10          10          10
## 1.616337e+00 2.905348e-01 8.624107e-02 8.820260e-01 -2.160802e+00
##          10          10          10          10          10
## 2.582999e+00 2.307555e+00 -5.075647e-01 -5.917864e-02 -5.735587e+00
##          10          10          10          10          10
## 7.499075e-01 3.217531e+00 -2.277966e+00 9.863944e-01 1.595550e+00
##          10          10          10          10          10
## 4.703037e-01 -1.017088e+00 1.980005e+00 2.578824e-01 -5.987230e-02
##          10          10          10          10          10
## 2.550746e+00 2.786691e-01 2.014915e+00 4.236937e-01 8.739439e-01
##          10          10          10          10          10
## 7.693731e-02 5.836279e-01 -6.538018e+00 5.642445e-01 -6.808501e+00
##          10          10          10          10          10
## 2.159943e+00 2.210649e+00 9.568370e-01 -2.277966e+00 1.321067e+00
##          10          10          10          10          10
## 4.831040e-01 1.158876e+00 2.114020e+00 3.783011e+00 6.866232e-01
##          10          10          10          10          10
## -2.595360e-01 5.817356e-01 2.284194e+00 1.151977e+00 2.664683e+00
##          10          10          10          10          10
## 3.830648e+00 -9.106572e-01 5.781496e-01 -6.963945e+00 8.200951e-01
##          10          10          10          10          10
## 6.607141e-01 8.870907e-01 1.211087e+00 8.295415e-01 1.740177e-01
##          10          10          10          10          10
## 6.079131e-01 1.517246e+00 -6.517589e+00 2.509332e+00 2.467835e+00
##          10          10          10          10          10
## -6.963945e+00 1.533649e+00 1.583811e+00 2.903445e+00 2.499877e+00
##          10          10          10          10          10
## -6.517589e+00 7.818330e-02 9.615228e-01 3.112643e-01 3.136301e+00

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##          10          10          10          10          10
## 1.443869e+00 -6.517589e+00 2.907345e+00 -3.168807e-01 -5.735587e+00
##          10          10          10          10          10
## 4.025172e-01 1.566626e+00 1.298864e+00 2.997580e-01 1.352883e+00
##          10          10          10          10          10
## 7.446897e-01 3.148395e-01 7.291527e-01 -6.963945e+00 3.853686e-01
##          10          10          10          10          10
## -6.963945e+00 1.420570e+00 1.164217e+00 2.269265e-01 4.942997e-01
##          10          10          10          10          10
## -5.735587e+00 -8.847565e-01 1.460600e+00 5.116229e-01 -7.367354e-01
##          10          10          10          10          10
## 1.719865e+00 8.527107e-01 -1.819864e-01 -6.963945e+00 9.452093e-01
##          10          10          10          10          10
## -6.963945e+00 7.461049e-01 -1.092227e+00 -5.675781e-02 -2.277966e+00
##          10          10          10          10          10
## 4.745766e-01 1.588032e+00 2.653035e+00 9.658211e-01 -6.963945e+00
##          10          10          10          10          10
## 2.976220e-01 2.456547e-01 -2.193042e+00 1.453203e+00 1.278002e+00
##          10          10          10          10          10
## 1.071785e-01 -5.735587e+00 8.439779e-01 1.967799e+00 -9.351593e-01
##          10          10          10          10          10
## -4.496205e-01 1.293068e+00 1.250359e+00 1.383742e+00 4.343145e-02
##          10          10          10          10          10
## 2.233129e-01 1.520592e+00 5.053468e-01 5.698333e-01 1.616832e+00
##          10          10          10          10          10
## 1.884988e+00 5.562582e-03 -6.963945e+00 1.844717e+00 4.198788e-01
##          10          10          10          10          10
## 1.183124e+00 5.295568e-01 2.875777e+00 1.596345e+00 4.144112e-01
##          10          10          10          10          10
## 2.613155e+00 5.681390e+00 -2.277966e+00 -6.121388e+00 1.918430e+00
##          10          10          10          10          10
## 3.298585e-01 1.233294e+00 -6.517589e+00 -6.538018e+00 2.364296e+00
##          10          10          10          10          10
## 6.222476e-01 -6.121388e+00 2.555518e+00 1.828548e-01 2.030257e+00
##          10          10          10          10          10
## 4.304327e-01 -1.011971e+00 1.381635e+00 2.164131e+00 8.743404e-01
##          10          10          10          10          10
## 1.412177e+00 7.398102e-01 1.498340e+00 5.877403e-01 9.433129e-02
##          10          10          10          10          10
## 2.065803e+00 -6.517589e+00 1.137311e+00 1.582185e+00 1.077780e+00
##          10          10          10          10          10
## -3.079936e-01 6.834711e-01 -1.056131e-02 2.154039e+00 8.083285e-02
##          10          10          10          10          10
## -2.277966e+00 1.226382e+00 -6.121388e+00 1.217369e+00 -2.289541e-01
##          10          10          10          10          10
## 8.188959e-01 1.817005e-01 2.160334e+00 1.234076e+00 1.790579e-01
##          10          10          10          10          10
## -1.322799e+00 1.661172e+00 1.145587e+00 -2.277966e+00 -6.679036e+00
##          10          10          10          10          10
## -6.963945e+00 -1.928252e+00 3.546996e-01 3.952837e+00 1.617189e+00
##          10          10          10          10          10
## 1.905813e+00 1.068065e+00 1.229118e+00 6.050062e-01 1.147019e+00
##          10          10          10          10          10
## -5.959413e-01 -9.314286e-01 1.319685e+00 1.451816e+00 4.328037e-01

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##          10          10          10          10          10
## -2.895085e-03  1.601646e-01  5.707580e-01 -6.121388e+00  2.585662e-01
##          10          10          10          10          10
## -6.580177e-01 -1.905187e-01 -2.485975e-01  2.059575e+00  1.116170e-01
##          10          10          10          10          10
##  6.803291e-01 -6.963945e+00 -4.655826e-02 -5.735587e+00  2.129819e+00
##          10          10          10          10          10
## -2.978621e-01  1.936842e+00 -7.203075e-02  1.217949e+00  9.201745e-01
##          10          10          10          10          10
##  5.331519e-01  8.826096e-01 -7.132560e-02 -2.775877e-01  1.971933e+00
##          10          10          10          10          10
##  1.337891e-02 -8.669759e-01 -7.317772e-03 -6.963945e+00  2.451681e+00
##          10          10          10          10          10
##  1.867051e+00 -6.121388e+00 -6.517589e+00  3.457033e-01  1.788277e+00
##          10          10          10          10          10
##  1.328756e+00  1.225421e+00 -6.121388e+00  1.478018e+00  1.028857e+00
##          10          10          10          10          10
## -2.179826e-01 -6.121388e+00  1.329537e+00 -6.963945e+00  2.519370e-01
##          10          10          10          10          10
##  7.003663e-01 -2.277966e+00  2.269400e+00  8.308664e-01  3.985750e-01
##          10          10          10          10          10
##  1.577053e+00 -8.108998e-03  1.348754e+00 -6.963945e+00  7.863387e-01
##          10          10          10          10          10
## -6.963945e+00  1.949392e+00  1.496764e+00  9.918337e-01  8.935274e-01
##          10          10          10          10          10
## -6.121388e+00 -6.517589e+00  1.123954e+00  8.069818e-01  1.573315e+00
##          10          10          10          10          10
## -1.003847e+00  4.968775e+00 -5.735587e+00 -6.963945e+00  8.736808e-01
##          10          10          10          10          10
##  1.458915e+00  5.623884e-01  7.049896e-01 -1.938741e-01  1.571463e+00
##          10          10          10          10          10
##  1.252210e+00 -1.067809e-01  1.161502e+00  1.118533e+00  7.182596e-02
##          10          10          10          10          10
## -5.735587e+00  1.906685e+00 -7.477154e-01 -5.924578e-01  7.290765e-01
##          10          10          10          10          10
##  1.300803e+00  1.351575e+00 -1.336737e-02  2.001226e+00  2.091262e-02
##          10          10          10          10          10
##  1.072175e+00  4.213254e+00  1.954007e-01  1.188893e+00  1.923544e+00
##          10          10          10          10          10
##  4.136021e-01 -5.735587e+00  1.553244e+00 -7.189796e-01  1.954689e+00
##          10          10          10          10          10
## -5.452733e-01  1.410461e+00 -2.204693e-01  1.548711e+00  3.884988e-01
##          10          10          10          10          10
##  3.710694e-01 -5.735587e+00  1.704243e+00 -2.277966e+00  8.465062e-01
##          10          10          10          10          10
## -9.572556e-01  1.800798e+00 -6.121388e+00  1.509440e+00 -5.319061e-02
##          10          10          10          10          10
## -1.283556e+00  5.154787e-01  8.491825e-01  9.348988e-01  1.016770e-01
##          10          10          10          10          10
##  1.795476e+00  3.342377e-01 -6.538018e+00  5.068164e+00 -5.735587e+00
##          10          10          10          10          10
##  6.245883e-02 -6.963945e+00  1.534552e+00  1.406154e+00  5.800981e-01
##          10          10          10          10          10
##  1.075784e+00  9.602829e-01  6.469157e-01  1.405719e+00  1.669024e+00

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##          10          10          10          10          10
## 5.153043e-01 -6.121388e+00 5.950579e-01 1.289499e+00 -6.538018e+00
##          10          10          10          10          10
## 1.459067e+00 1.969281e+00 -5.735587e+00 -6.679036e+00 -2.277966e+00
##          10          10          10          10          10
## -8.251557e-01 1.767841e+00 2.877572e+00 4.986723e-01 3.105072e-01
##          10          10          10          10          10
## 9.211402e-01 -6.121388e+00 6.772183e-01 2.502736e+00 -4.282387e-03
##          10          10          10          10          10
## -1.467619e-01 9.835639e-01 1.861825e+00 1.026681e+00 7.854243e-01
##          10          10          10          10          10
## -3.412885e-01 1.006081e-01 1.302229e-02 -5.735587e+00 1.048431e+00
##          10          10          10          10          10
## 1.715937e+00 2.240694e+00 4.503237e-01 7.774267e-01 -1.343675e+00
##          10          10          10          10          10
## -6.517589e+00 -5.735587e+00 2.816390e+00 1.157009e+00 1.669024e+00
##          10          10          10          10          10
## -2.277966e+00 -5.762384e-01 4.924775e-01 8.443877e-01 2.054272e+00
##          10          10          10          10          10
## 1.514235e+00 7.082127e-02 1.694601e+00 -5.735587e+00 8.124151e-01
##          10          10          10          10          10
## 2.400044e+00 -9.234181e-01 -6.679036e+00 -6.963945e+00 -6.538018e+00
##          10          10          10          10          10
## 6.281541e-01 -4.399836e-01 -3.274350e-01 1.791675e+00 -5.118659e-02
##          10          10          10          10          10
## 7.935841e-02 -6.963945e+00 -5.735587e+00 -2.867240e-02 -6.121388e+00
##          10          10          10          10          10
## 2.824260e-01 4.264001e+00 -6.121388e+00 2.758133e-01 -6.517589e+00
##          10          10          10          10          10
## 9.393331e-01 1.803219e-01 1.335366e+00 -2.277966e+00 1.357102e+00
##          10          10          10          10          10
## 8.674242e-01 1.428398e+00 1.559981e+00 4.077663e-01 2.366493e+00
##          10          10          10          10          10
## 8.410044e-01 1.665049e-01 3.384258e+00 4.544028e-01 -6.963945e+00
##          10          10          10          10          10
## 1.352569e+00 4.464608e+00 1.520282e+00 1.354523e+00 1.611241e+00
##          10          10          10          10          10
## 4.235300e+00 2.792988e-01 1.391607e+00 5.760800e-01 2.061420e+00
##          10          10          10          10          10
## -6.808501e+00 1.957592e+00 1.763581e+00 3.524429e-01 -8.987831e-01
##          10          10          10          10          10
## 8.273211e-01 -7.782905e-01 9.659880e-01 -6.963945e+00 2.906973e+00
##          10          10          10          10          10
## 7.573546e-01 -6.963945e+00 7.069763e-01 3.299428e-01 1.294092e+00
##          10          10          10          10          10
## -6.963945e+00 -6.091153e-02 2.119128e+00 -2.277966e+00 3.683479e-01
##          10          10          10          10          10
## 6.176643e-01 1.465077e+00 1.515368e+00 1.937822e+00 1.214730e+00
##          10          10          10          10          10
## -1.133623e-01 1.062063e+00 -7.311265e-02 6.689321e-01 -3.505726e-01
##          10          10          10          10          10
## 2.163958e-02 1.214372e+00 1.253338e+00 6.001801e-01 2.988232e+00
##          10          10          10          10          10
## 9.276833e-01 6.855738e-01 3.184641e-01 5.829967e-01 2.568760e+00

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##          10          10          10          10          10
## 1.710940e+00 7.303218e-01 6.793007e-01 1.589858e+00 1.086693e+00
##          10          10          10          10          10
## 3.985639e+00 -5.735587e+00 -4.694324e-01 1.576200e+00 1.476025e+00
##          10          10          10          10          10
## 8.982741e-01 6.668883e-02 1.153449e-01 2.727280e+00 1.100612e+00
##          10          10          10          10          10
## 1.446588e+00 -8.752773e-01 1.991882e+00 -3.271926e-01 4.144383e-01
##          10          10          10          10          10
## 4.559990e-01 5.617970e-01 3.181681e+00 4.286368e-01 1.678987e+00
##          10          10          10          10          10
## -6.963945e+00 2.120505e+00 3.126710e-01 -2.277966e+00 5.829967e-01
##          10          10          10          10          10
## 1.483258e+00 1.992308e+00 5.513242e-01 -2.222223e+00 -1.302202e-01
##          10          10          10          10          10
## 2.254262e+00 1.656887e+00 1.940280e+00 4.686504e-01 7.629612e-01
##          10          10          10          10          10
## 1.924476e+00 5.161891e-01 6.384569e-01 2.659716e+00 9.082765e-01
##          10          10          10          10          10
## -6.517589e+00 2.522457e+00 1.493787e+00 2.484820e+00 1.033799e+00
##          10          10          10          10          10
## 1.014907e+00 1.418509e+00 1.286212e+00 -6.963945e+00 -2.277966e+00
##          10          10          10          10          10
## 1.225421e+00 1.663561e+00 7.765418e-01 -6.517589e+00 -1.020116e+00
##          10          10          10          10          10
## 2.270114e+00 8.442618e-01 6.785978e-01 -1.958516e-01 1.527542e+00
##          10          10          10          10          10
## -6.963945e+00 6.358267e-01 7.290409e-01 1.773432e+00 -6.963945e+00
##          10          10          10          10          10
## -1.045833e-01 1.302229e-02 -5.735587e+00 1.860065e-01 9.126511e-01
##          10          10          10          10          10
## -5.735587e+00 8.866464e-01 3.133172e+00 9.268943e-01 5.313527e-01
##          10          10          10          10          10
## 2.018895e+00 1.329953e+00 -5.332930e-01 8.868175e-01 -6.517589e+00
##          10          10          10          10          10
## 6.268521e-01 3.683676e-02 -3.004177e-02 -2.684501e-01 -2.277966e+00
##          10          10          10          10          10
## 1.033146e+00 -3.210890e-01 2.162964e+00 -4.040205e-01 2.841990e-01
##          10          10          10          10          10
## -1.567374e-01 1.018071e+00 -2.277966e+00 -1.537933e-02 9.177102e-01
##          10          10          10          10          10
## 4.584429e+00 1.778126e-01 1.532017e+00 1.287349e+00 1.598735e+00
##          10          10          10          10          10
## -2.277966e+00 2.688787e-01 -2.608846e-02 1.313449e+00 2.054018e+00
##          10          10          10          10          10
## 8.140042e-01 9.609735e-01 -2.497199e-01 2.566125e-01 1.370064e-01
##          10          10          10          10          10
## -2.321222e-03 1.177757e+00 1.667342e+00 6.959521e-01 1.369086e+00
##          10          10          10          10          10
## 2.032752e+00 1.521817e+00 -6.517589e+00 2.656081e+00 -8.029793e-01
##          10          10          10          10          10
## 8.867119e-01 7.547164e-01 2.084495e+00 1.252180e+00 1.085127e+00
##          10          10          10          10          10
## 1.376511e+00 -6.456582e-01 1.562865e+00 8.103517e-01 2.064176e+00

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##          10          10          10          10          10
## -6.517589e+00  8.222042e-02 -8.737303e-01  9.818754e-01  5.944832e-01
##          10          10          10          10          10
##  2.024377e+00 -6.517589e+00 -6.121388e+00  6.207808e-01 -3.109330e-01
##          10          10          10          10          10
##  6.475023e-01  2.163803e-01  5.451045e-01  4.908415e-01  4.134741e-01
##          10          10          10          10          10
##  1.192370e+00 -6.963945e+00 -2.277966e+00 -5.107716e-01  2.024977e+00
##          10          10          10          10          10
##  6.465865e-01 -2.454655e-02 -6.768778e-01 -6.679036e+00  3.277710e-01
##          10          10          10          10          10
##  1.193532e+00 -6.679036e+00  4.841287e-01  1.351913e+00  1.936633e+00
##          10          10          10          10          10
##  1.717659e+00  1.131558e+00  7.840711e-01  4.938408e+00 -3.466393e-01
##          10          10          10          10          10
##  9.532420e-01 -9.513781e-02  5.421967e-01  1.863361e+00  3.026132e-01
##          10          10          10          10          10
##  7.035648e-01  7.928699e-01 -2.122378e-01 -2.277966e+00 -1.860975e-01
##          10          10          10          10          10
##  1.591943e+00  1.106314e+00 -3.441758e-02  1.902946e+00 -6.963945e+00
##          10          10          10          10          10
##  2.532452e+00  1.106474e+00  8.837861e-01 -5.735587e+00  2.295806e-01
##          10          10          10          10          10
## -4.998351e-03  4.968030e-02  2.029796e+00  7.110680e-01  1.459524e+00
##          10          10          10          10          10
##  1.368130e-01  1.299746e+00  4.517298e-01  6.066433e-01 -6.963945e+00
##          10          10          10          10          10
##  1.343002e+00  1.157731e+00  1.183124e+00  1.065982e+00  4.514146e-01
##          10          10          10          10          10
## -1.825681e-01  1.746471e+00  2.157003e+00  3.855851e+00 -1.375083e-01
##          10          10          10          10          10
##  6.652675e-01 -6.517589e+00  1.312534e-02  1.438656e+00 -5.735587e+00
##          10          10          10          10          10
## -6.517589e+00  1.178142e-01  1.152059e+00 -5.959564e-01 -6.121388e+00
##          10          10          10          10          10
##  5.624919e-01 -2.277966e+00 -7.700339e-02  9.312036e-01 -5.735587e+00
##          10          10          10          10          10
## -6.963945e+00  6.485124e-01 -4.605234e-01 -6.121388e+00  4.856765e-01
##          10          10          10          10          10
##  2.638819e+00  2.112459e+00 -6.963945e+00  1.036583e-01  5.944194e-01
##          10          10          10          10          10
##  1.549457e+00  1.534350e+00 -6.963945e+00 -4.549163e-01  1.356098e-02
##          10          10          10          10          10
##  3.838666e+00  1.876949e+00  1.505564e+00  1.061932e+00  2.451920e+00
##          10          10          10          10          10
##  2.162163e+00  1.998142e+00  1.046191e+00  1.589983e-01  2.191870e+00
##          10          10          10          10          10
##  1.794590e+00  8.054039e-01  1.175103e+00  2.021704e+00  2.996199e+00
##          10          10          10          10          10
## -5.953641e-01  2.645972e+00  1.312519e+00  1.550595e+00  6.778667e-01
##          10          10          10          10          10
##  1.772374e+00  5.829967e-01 -5.734713e-01 -2.706366e-01  1.528048e+00
##          10          10          10          10          10
##  1.171451e+00  1.402376e+00  3.469866e-02  8.922367e-01  2.985961e-01

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##          10          10          10          10          10
## -6.963945e+00  7.826173e-01 -1.658380e+00 -6.963945e+00  1.087997e+00
##          10          10          10          10          10
##  7.888486e-01  2.053317e+00  7.617253e-01  2.716360e-01  3.513471e-01
##          10          10          10          10          10
##  1.177469e+00  1.794462e+00 -6.963945e+00  5.164909e-01  1.299216e+00
##          10          10          10          10          10
##  1.295298e+00 -2.277966e+00  6.510421e-01 -2.277966e+00  2.189755e+00
##          10          10          10          10          10
##  1.560717e+00  8.778608e-01 -2.277966e+00  6.918866e-01  1.819080e+00
##          10          10          10          10          10
##  8.793544e-01  9.483245e-01 -5.735587e+00  3.164957e+00  1.714677e+00
##          10          10          10          10          10
##  4.382112e-01  3.969554e+00  1.182060e+00  1.579294e+00  4.502031e-01
##          10          10          10          10          10
##  1.317441e+00  5.135369e-01  1.028776e+00 -9.810256e-01  7.202555e-01
##          10          10          10          10          10
## -6.963945e+00 -6.121388e+00  2.574379e-01  1.129376e+00  1.113692e+00
##          10          10          10          10          10
##  6.321404e-01  8.196952e-01  3.400746e-01  1.221157e+00 -6.121388e+00
##          10          10          10          10          10
##  1.427369e+00 -7.908345e+00  5.379970e-01  1.119067e+00 -2.791141e-01
##          10          10          10          10          10
## -6.517589e+00  2.870099e-01  1.027494e+00 -2.277966e+00 -2.277966e+00
##          10          10          10          10          10
##  6.040392e-01 -3.194497e-02  1.893323e+00  8.412479e-03  2.375743e-01
##          10          10          10          10          10
##  3.414693e+00  1.183354e+00  5.394925e-01  5.047468e-01 -6.963945e+00
##          10          10          10          10          10
## -6.963945e+00  9.183720e-01  3.340928e-01  4.608145e-01 -6.963945e+00
##          10          10          10          10          10
##  7.084024e-01  1.075010e+00  1.518768e+00  1.761050e+00  2.298476e+00
##          10          10          10          10          10
##  1.046536e+00  5.404027e-01  6.108285e-01  2.247696e+00  1.354523e+00
##          10          10          10          10          10
##  1.537761e+00 -7.764801e-02 -2.634190e-01 -6.121388e+00 -6.538018e+00
##          10          10          10          10          10
## -6.859026e-02  4.722977e-01  2.337749e+00  3.497951e+00  3.272173e-01
##          10          10          10          10          10
## -6.237730e-01 -6.963945e+00 -1.100389e+00  2.412057e+00  1.006436e+00
##          10          10          10          10          10
##  1.896259e+00  4.295463e-02  1.348134e+00  5.625892e-01  4.690522e-01
##          10          14          14          14          14
##  6.205952e-01  7.723333e-01  5.291899e-01  3.583973e-01  1.093957e+00
##          14          14          14          14          14
## -6.167621e-02  1.293689e+00  1.892588e+00  2.244632e+00 -5.631071e-01
##          14          14          14          14          14
##  1.785755e+00  1.179495e+00  4.228537e-01  2.269220e+00 -7.924665e-01
##          14          14          14          14          14
##  7.319621e-01  1.026079e+00  1.029969e+00  1.590632e+00  7.498355e-01
##          14          14          14          14          14
## -5.876700e+00 -2.472533e-01  9.330763e-01  1.528847e+00  1.157871e+00
##          14          14          14          14          14
##  9.748357e-01  2.458412e+00  1.288808e+00  1.358806e+00  1.885698e+00

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##          14          14          14          14          14
## 1.566415e+00 6.987773e-01 9.041455e-01 1.557334e+00 1.723059e+00
##          14          14          14          14          14
## 1.296071e+00 -7.105058e+00 1.666464e+00 -7.105058e+00 2.329112e-01
##          14          14          14          14          14
## 1.392277e+00 7.981712e-01 1.176526e+00 7.264882e-02 1.788677e+00
##          14          14          14          14          14
## -7.105058e+00 -7.409670e-01 1.340128e+00 4.918659e-01 1.427738e+00
##          14          14          14          14          14
## 1.092141e+00 -8.757081e+00 9.388646e-01 -7.736976e-01 -5.972758e-01
##          14          14          14          14          14
## 1.092141e+00 1.120800e+00 2.333728e+00 6.105798e-01 -2.419079e+00
##          14          14          14          14          14
## 1.623019e+00 1.037421e+00 1.380359e+00 -4.939607e-01 -5.455746e-02
##          14          14          14          14          14
## 2.012016e+00 3.812928e-01 3.090320e+00 2.158491e-01 9.300333e-01
##          14          14          14          14          14
## 1.118566e+00 9.153583e-01 1.878842e+00 -4.982746e-01 2.544723e-01
##          14          14          14          14          14
## -5.876700e+00 6.883333e-01 6.922706e-01 -4.315054e-01 8.384519e-01
##          14          14          14          14          14
## -2.419079e+00 1.260721e+00 -2.383431e-01 9.196992e-01 1.735014e+00
##          14          14          14          14          14
## -8.839294e-01 -7.105058e+00 1.280184e+00 2.210733e+00 -7.590768e+00
##          14          14          14          14          14
## 1.107245e+00 1.407349e+00 1.374432e+00 2.590377e-01 -7.105058e+00
##          14          14          14          14          14
## 4.819436e-01 2.543134e+00 1.429987e+00 -5.876700e+00 1.090328e+00
##          14          14          14          14          14
## 6.535622e-01 6.725227e-01 5.003507e-01 3.638293e-01 -6.262500e+00
##          14          14          14          14          14
## 1.341581e+00 1.238287e+00 4.223344e-01 8.996459e-01 8.068208e-01
##          14          14          14          14          14
## 6.619295e-01 -8.049458e+00 5.136595e-01 1.019264e+00 -8.049458e+00
##          14          14          14          14          14
## -6.262500e+00 -4.667719e-01 1.131932e+00 2.093579e+00 1.414668e+00
##          14          14          14          14          14
## 8.331256e-01 7.978469e-01 4.735606e-01 3.953739e-01 6.741122e-01
##          14          14          14          14          14
## -8.881957e-02 1.223647e+00 8.688413e-01 -4.030454e-01 5.868919e-01
##          14          14          14          14          14
## 1.429756e+00 4.936829e-01 4.047527e-02 4.004576e-01 1.136031e+00
##          14          14          14          14          14
## -6.262500e+00 -8.049458e+00 -2.419079e+00 2.437798e+00 1.191912e+00
##          14          14          14          14          14
## 8.600357e-01 -5.876700e+00 -8.049458e+00 3.689427e-01 2.063765e+00
##          14          14          14          14          14
## 5.239863e-01 9.325991e-01 1.257504e+00 9.683206e-01 -7.105058e+00
##          14          14          14          14          14
## 1.303109e+00 -7.105058e+00 5.862264e-01 9.284918e-01 8.252544e-01
##          14          14          14          14          14
## -5.876700e+00 1.281335e+00 1.149934e+00 3.445643e-01 2.382191e+00
##          14          14          14          14          14
## 2.110395e+00 1.736769e+00 -7.105058e+00 8.991682e-01 -7.105058e+00

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##          14          14          14          14          14
## -7.105058e+00 9.263377e-01 7.644950e-01 2.862007e-01 2.515294e-01
##          14          14          14          14          14
## -3.943240e-01 7.946218e-01 -7.650547e-02 3.326155e-01 1.467872e+00
##          14          14          14          14          14
## -7.105058e+00 2.095611e+00 1.713389e+00 1.360280e+00 1.359095e+00
##          14          14          14          14          14
## -5.876700e+00 2.068325e-01 6.839153e-01 -5.876700e+00 1.486686e+00
##          14          14          14          14          14
## 1.287934e+00 -5.876700e+00 -7.105058e+00 -7.105058e+00 2.193720e+00
##          14          14          14          14          14
## 3.153717e+00 -9.536089e-01 -3.875004e-02 4.551344e-01 -8.049458e+00
##          14          14          14          14          14
## 1.4222384e+00 2.407213e+00 -5.876700e+00 1.522741e+00 1.668441e+00
##          14          14          14          14          14
## -8.995224e-02 4.706899e-01 -1.249120e+00 9.346722e-01 1.756086e+00
##          14          14          14          14          14
## 2.021181e+00 -5.876700e+00 1.317622e+00 2.107886e+00 -8.049458e+00
##          14          14          14          14          14
## 9.920863e-01 -8.049458e+00 4.945310e-01 1.870185e+00 -5.618925e-01
##          14          14          14          14          14
## 1.762086e+00 2.306088e+00 -2.419079e+00 1.652244e+00 -7.105058e+00
##          14          14          14          14          14
## 1.558298e+00 2.018273e+00 7.524151e-01 1.691119e+00 1.440215e+00
##          14          14          14          14          14
## 1.680168e+00 -1.188600e-02 7.830136e-01 -7.105058e+00 3.144697e-01
##          14          14          14          14          14
## 1.810319e+00 1.919834e-01 6.635036e-01 7.693472e-01 3.870060e-01
##          14          14          14          14          14
## 4.692033e-01 7.243988e-01 1.426721e+00 1.853875e+00 1.473061e-01
##          14          14          14          14          14
## -5.876700e+00 3.602256e-01 1.801617e+00 1.918200e+00 -6.262500e+00
##          14          14          14          14          14
## -5.876700e+00 -6.820148e+00 5.162736e-01 3.432033e+00 1.533069e+00
##          14          14          14          14          14
## 1.174341e+00 1.967086e+00 -5.876700e+00 -6.180318e-01 -5.876700e+00
##          14          14          14          14          14
## -2.419079e+00 2.121703e+00 -8.757081e+00 -8.547030e-01 2.721622e-01
##          14          14          14          14          14
## 1.104837e+00 -5.876700e+00 1.203337e+00 1.882264e+00 2.663446e+00
##          14          14          14          14          14
## 1.723574e+00 7.303370e-01 1.097599e+00 1.668797e+00 2.083134e+00
##          14          14          14          14          14
## -1.292937e-01 1.323885e+00 1.788054e-01 1.519430e+00 1.508847e+00
##          14          14          14          14          14
## 1.084909e+00 -3.046411e-01 1.993555e+00 1.892650e+00 2.120605e-01
##          14          14          14          14          14
## 9.455807e-01 6.720406e-01 1.925166e+00 1.822583e+00 -7.105058e+00
##          14          14          14          14          14
## -2.419079e+00 2.098290e-01 1.027901e+00 9.249042e-01 -4.369695e-01
##          14          14          14          14          14
## 1.933551e+00 2.894180e+00 1.597126e+00 -7.105058e+00 5.392312e-01
##          14          14          14          14          14
## 1.187910e+00 6.393789e-01 2.065278e-01 4.706899e-01 -8.049458e+00

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##          14          14          14          14          14
## 3.464404e-01 4.171085e-01 3.303794e-01 7.852355e-01 8.288642e-01
##          14          14          14          14          14
## 1.569494e+00 -1.249120e+00 7.688425e-01 -8.207713e-01 9.191125e-01
##          14          14          14          14          14
## 5.207339e-02 -1.454126e+00 2.425650e+00 1.273328e+00 -7.105058e+00
##          14          14          14          14          14
## 9.215393e-02 2.642706e+00 2.636702e+00 7.762416e-01 1.614568e+00
##          14          14          14          14          14
## 9.427115e-01 1.913132e+00 1.376734e+00 4.778209e-01 4.552237e-01
##          14          14          14          14          14
## 9.529198e-01 6.115593e-01 3.282111e-01 1.945251e+00 -6.262500e+00
##          14          14          14          14          14
## 1.702920e+00 1.836235e+00 1.427058e+00 1.134768e+00 -7.105058e+00
##          14          14          14          14          14
## 3.383980e-01 2.720597e-01 1.323315e+00 3.197178e-01 2.090875e+00
##          14          14          14          14          14
## 9.455807e-01 1.397450e+00 2.449510e-01 3.343138e-01 1.466676e+00
##          14          14          14          14          14
## 4.442128e-01 8.986485e-01 2.459832e+00 1.337707e+00 -3.952319e-01
##          14          14          14          14          14
## 8.606114e-01 1.305000e+00 -1.451523e-01 1.471825e+00 6.038789e-01
##          14          14          14          14          14
## -6.820148e+00 2.225381e+00 -6.820148e+00 2.416261e-01 1.667115e-01
##          14          14          14          14          14
## 1.249298e-02 1.744459e+00 1.827795e+00 -7.105058e+00 1.917483e-02
##          14          14          14          14          14
## 1.427446e+00 1.417347e+00 -5.876700e+00 1.393763e+00 8.936777e-01
##          14          14          14          14          14
## 1.250039e+00 9.331235e-01 1.579333e-01 2.404358e+00 1.477751e+00
##          14          14          14          14          14
## 3.289455e-01 1.755834e+00 -7.105058e+00 -5.876700e+00 1.290144e+00
##          14          14          14          14          14
## 3.950970e-01 6.837943e-01 1.355652e+00 2.014638e+00 1.668797e+00
##          14          14          14          14          14
## 4.249917e-01 2.005548e+00 -6.059065e-02 -7.105058e+00 1.382783e+00
##          14          14          14          14          14
## -4.156894e-01 -7.105058e+00 -6.262500e+00 1.100364e+00 1.387236e+00
##          14          14          14          14          14
## 1.216264e+00 1.131743e+00 2.459650e+00 3.795129e-01 9.003944e-01
##          14          14          14          14          14
## -5.876700e+00 8.209860e-01 1.806548e+00 4.206848e-01 2.110395e+00
##          14          14          14          14          14
## 1.557334e+00 7.833536e-01 5.063900e-01 -5.876700e+00 -6.262500e+00
##          14          14          14          14          14
## 1.176329e+00 5.793541e-01 6.770947e-01 -7.105058e+00 1.935658e+00
##          14          14          14          14          14
## 4.310642e-01 6.706181e-01 -7.105058e+00 8.000252e-01 5.905083e-01
##          14          14          14          14          14
## -5.876700e+00 2.525160e+00 6.309566e-01 -7.105058e+00 9.719632e-01
##          14          14          14          14          14
## 1.992198e+00 9.645627e-01 5.063900e-01 -5.876700e+00 7.069708e-01
##          14          14          14          14          14
## -8.049458e+00 7.892474e-01 -2.545734e-01 2.397823e-01 -5.876700e+00

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##          14          14          14          14          14
## 1.511987e+00 3.174600e-01 -8.049458e+00 -5.876700e+00 1.156874e+00
##          14          14          14          14          14
## 5.390935e-01 -3.482824e-01 4.542820e-01 1.441072e+00 1.405095e-01
##          14          14          14          14          14
## 2.245376e+00 -6.255270e-02 1.473136e+00 1.550883e-01 1.715643e+00
##          14          14          14          14          14
## -5.890862e-01 1.308406e+00 -6.618008e-02 2.748006e+00 -1.588920e-02
##          14          14          14          14          14
## 2.098290e-01 5.000544e-01 1.841507e+00 3.583973e-01 -5.687707e-01
##          14          14          14          14          14
## 2.699922e+00 -7.105058e+00 -7.896123e-01 -7.105058e+00 -5.876700e+00
##          14          14          14          14          14
## 1.470987e+00 1.451663e+00 -7.105058e+00 5.003507e-01 1.417111e-01
##          14          14          14          14          14
## 2.038450e-01 5.940648e-01 9.112905e-01 1.309500e+00 9.331235e-01
##          14          14          14          14          14
## 6.587978e-02 1.225897e+00 4.635379e-01 8.658057e-01 5.562036e-01
##          14          14          14          14          14
## -5.876700e+00 8.957126e-01 -7.105058e+00 6.045080e-02 8.069289e-01
##          14          14          14          14          14
## 1.232835e+00 2.043354e+00 4.195991e-01 6.470976e-01 4.648620e-01
##          14          14          14          14          14
## 8.161456e-01 -1.323595e-01 -6.743512e-01 2.918224e+00 -7.105058e+00
##          14          14          14          14          14
## 1.820237e+00 -1.031307e+00 8.687033e-01 1.077730e+00 1.836699e+00
##          14          14          14          14          14
## -8.873238e-01 1.125971e+00 1.159555e+00 -1.099826e-01 1.334234e+00
##          14          14          14          14          14
## -1.074656e-02 -7.105058e+00 1.616866e+00 1.982073e+00 2.813532e-01
##          14          14          14          14          14
## -7.105058e+00 1.046046e+00 2.647105e-01 2.505318e+00 1.755147e+00
##          14          14          14          14          14
## -1.899924e+00 1.141062e+00 3.419918e-01 1.658619e+00 7.781879e-01
##          14          14          14          14          14
## 5.928096e-01 -5.876700e+00 1.688370e+00 -2.412313e+00 4.513943e-01
##          14          14          14          14          14
## 2.255937e-02 6.061076e-01 -7.105058e+00 2.545403e+00 1.225464e+00
##          14          14          14          14          14
## 1.045882e+00 1.259046e+00 1.447231e+00 -2.419079e+00 2.747887e+00
##          14          14          14          14          14
## -5.876700e+00 3.583973e-01 3.647241e-01 2.258931e+00 5.174024e-01
##          14          14          14          14          14
## -2.933277e-01 -1.156729e+00 5.199054e-01 1.511693e+00 1.567485e-01
##          14          14          14          14          14
## 6.470619e-01 1.319025e+00 -7.590768e+00 -5.876700e+00 6.492563e-01
##          14          14          14          14          14
## -7.105058e+00 3.859549e+00 1.431898e+00 -7.105058e+00 1.347011e-01
##          14          14          14          14          14
## 1.276960e+00 9.408735e-01 6.363427e-01 1.526781e+00 -7.105058e+00
##          14          14          14          14          14
## 3.566577e-01 1.001557e+00 2.511156e+00 -8.049458e+00 1.867706e+00
##          14          14          14          14          14
## 6.724882e-01 4.352811e-01 1.300966e+00 1.209440e+00 -1.064641e-01

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##          14          14          14          14          14          14
## 1.699968e+00 1.285730e+00 -5.876700e+00 1.779206e+00 1.006970e+00
##          14          14          14          14          14          14
## -7.590768e+00 1.359416e+00 1.894024e+00 3.329344e+00 9.880993e-01
##          14          14          14          14          14          14
## -1.245472e+00 1.305345e-01 2.253289e+00 1.234228e+00 9.178032e-01
##          14          14          14          14          14          14
## 5.862264e-01 5.532442e-01 1.005489e+00 -6.509479e-02 1.113729e+00
##          14          14          14          14          14          14
## 7.244308e-01 -7.105058e+00 1.194253e+00 1.887118e+00 2.066166e+00
##          14          14          14          14          14          14
## 2.356690e-01 8.789114e-01 -7.105058e+00 -7.105058e+00 7.588150e-01
##          14          14          14          14          14          14
## 1.516288e+00 4.456895e-01 1.477754e+00 1.709343e+00 -7.105058e+00
##          14          14          14          14          14          14
## 1.378324e+00 -7.105058e+00 9.026434e-01 3.008858e-01 1.287385e+00
##          14          14          14          14          14          14
## 1.790609e+00 2.103611e-02 2.496245e-01 1.868506e+00 2.447844e+00
##          14          14          14          14          14          14
## 1.825581e+00 2.224155e+00 9.577224e-01 1.508461e+00 4.953457e-01
##          14          14          14          14          14          14
## 1.666464e+00 -5.876700e+00 1.161690e+00 1.587979e+00 1.399915e+00
##          14          14          14          14          14          14
## 2.617558e+00 1.721869e+00 6.995936e-01 8.759841e-01 1.539155e+00
##          14          14          14          14          14          14
## 1.323885e+00 1.270123e+00 4.609955e-01 2.797426e-01 8.643601e-01
##          14          14          14          14          14          14
## 2.836903e+00 1.259647e+00 -1.499063e+00 1.666919e+00 5.476615e-01
##          14          14          14          14          14          14
## 1.872315e+00 2.003288e+00 8.493745e-01 -6.658701e+00 1.927225e+00
##          14          14          14          14          14          14
## 3.174600e-01 -7.105058e+00 -8.049458e+00 7.607648e-01 -7.105058e+00
##          14          14          14          14          14          14
## 1.582203e+00 1.584694e+00 3.374235e+00 -4.383819e-01 1.324648e+00
##          14          14          14          14          14          14
## 1.022080e+00 -3.625383e-01 6.682410e-01 1.778078e+00 3.136129e-01
##          14          14          14          14          14          14
## 1.483102e+00 -5.876700e+00 2.230860e-01 3.343423e+00 -5.876700e+00
##          14          14          14          14          14          14
## -3.315764e-01 1.706656e+00 1.061763e+00 -9.430408e-01 -7.105058e+00
##          14          14          14          14          14          14
## 7.074609e-01 3.360149e-01 3.583973e-01 9.279575e-01 1.615990e+00
##          14          14          14          14          14          14
## 1.273357e+00 4.838161e-01 1.526603e+00 1.402629e+00 2.325940e-01
##          14          14          14          14          14          14
## 1.560974e+00 -7.105058e+00 -5.876700e+00 1.394990e+00 7.218904e-01
##          14          14          14          14          14          14
## 3.561631e-01 8.471365e-01 -5.876700e+00 -5.876700e+00 4.367663e-01
##          14          14          14          14          14          14
## -9.277014e-01 1.717592e+00 1.370239e+00 7.277051e-01 -7.105058e+00
##          14          14          14          14          14          14
## 1.162352e-01 1.444508e+00 -2.419079e+00 1.841950e+00 7.045057e-01
##          14          14          14          14          14          14
## 3.391302e-01 -1.431115e+00 1.287934e+00 6.294131e-02 -5.803036e-01

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##          14          14          14          14          14
## 5.288519e-01 9.518681e-01 1.024138e+00 9.571872e-01 3.974567e-01
##          14          14          14          14          14
## -6.658701e+00 8.349202e-01 -7.105058e+00 1.870776e+00 -2.419079e+00
##          14          14          14          14          14
## 5.247302e-01 1.297091e+00 -7.105058e+00 6.061076e-01 9.246069e-01
##          14          14          14          14          14
## 2.621953e-01 -3.091600e-01 4.035172e-01 1.306872e+00 3.992689e-01
##          14          14          14          14          14
## 1.355967e+00 1.156991e+00 6.517576e-01 1.186028e+00 -8.049458e+00
##          14          14          14          14          14
## 1.401442e+00 3.812928e-01 -7.850411e-01 1.944132e+00 -7.105058e+00
##          14          14          14          14          14
## -5.876700e+00 1.740784e+00 -7.105058e+00 1.656489e+00 5.144997e-01
##          14          14          14          14          14
## 1.227591e+00 3.118755e-01 -5.876700e+00 1.187944e+00 4.422730e-01
##          14          14          14          14          14
## -7.105058e+00 -7.105058e+00 6.218489e-01 1.605247e+00 7.675117e-02
##          14          14          14          14          14
## 5.105034e-01 -3.552212e-01 1.317695e+00 1.117870e+00 6.404354e-01
##          14          14          14          14          14
## 1.374256e+00 -5.615513e-01 6.678515e-01 -4.986582e-01 -6.820148e+00
##          14          14          14          14          14
## -1.576912e-01 -7.105058e+00 5.714263e-01 -3.650176e-01 1.102475e+00
##          14          14          14          14          14
## 5.328430e-01 -2.022637e-01 1.401812e+00 4.222038e-01 -7.105058e+00
##          14          14          14          14          14
## 7.020466e-01 1.756690e+00 1.715643e+00 2.906159e+00 1.584762e+00
##          14          14          14          14          14
## 1.891862e+00 -3.419765e-01 -1.398919e+00 6.658695e-01 -5.772586e-01
##          14          14          14          14          14
## 2.048693e+00 9.223866e-01 8.424302e-01 5.463274e-02 6.971467e-01
##          14          14          14          14          14
## -7.105058e+00 1.189854e+00 2.058981e+00 6.825893e-01 -7.105058e+00
##          14          14          14          14          14
## -7.105058e+00 2.562725e+00 2.285346e+00 1.610750e+00 -7.105058e+00
##          14          14          14          14          14
## -1.997038e-01 3.752502e-01 -7.105058e+00 7.986716e-01 7.498355e-01
##          14          14          14          14          14
## 8.109205e-01 4.726401e-01 1.937770e+00 4.249917e-01 1.438503e+00
##          14          14          14          14          14
## 4.976005e-01 1.260369e+00 1.283091e+00 5.581901e-01 2.279993e-01
##          14          14          14          14          14
## -5.236907e-01 1.554449e+00 1.022805e+00 1.697389e-01 -6.262500e+00
##          14          14          14          14          14
## 2.368822e+00 1.552000e+00 7.614967e-01 8.525075e-01 1.268558e+00
##          14          14          14          14          14
## 5.936813e-01 1.262871e+00 1.655957e+00 2.462921e+00 -5.876700e+00
##          14          14          14          14          14
## 2.401968e+00 2.979063e-02 -6.679131e+00 -2.908451e-01 1.161634e+00
##          14          14          14          14          14
## 9.877540e-01 2.025228e+00 1.099425e+00 4.508138e-01 1.658192e+00
##          14          14          14          14          14
## 1.581989e+00 2.316877e+00 -1.271645e+00 -6.119054e-01 9.709709e-01

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##          14          14          14          14          14
## 1.125524e+00 1.993336e+00 1.461866e+00 -7.105058e+00 1.324831e+00
##          14          14          14          14          14
## -5.025624e-02 8.580204e-01 1.844557e+00 4.609955e-01 -1.321091e-01
##          14          14          14          14          14
## 1.115717e+00 -5.876700e+00 9.048206e-01 1.414973e+00 2.582437e+00
##          14          14          14          14          14
## 1.461866e+00 1.246857e+00 1.374885e-01 -5.876700e+00 4.268546e-01
##          14          14          14          14          14
## 8.528697e-01 1.951502e+00 -7.595666e-01 8.469659e-01 -1.151632e+00
##          14          14          14          14          14
## 7.472625e-01 1.467837e+00 1.946262e+00 -7.105058e+00 6.911921e-01
##          14          14          14          14          14
## -3.650176e-01 -3.020449e-01 1.708895e+00 9.121997e-01 1.408344e+00
##          14          14          14          14          14
## 1.537309e+00 -3.892894e-01 2.173598e-01 2.143169e-01 8.869033e-01
##          14          14          14          14          14
## 1.270433e+00 -8.867000e-02 -5.876700e+00 7.176356e-01 -8.292486e-02
##          14          14          14          14          14
## 4.513943e-01 3.089340e+00 8.874121e-01 -7.590768e+00 5.020293e+00
##          14          14          14          14          14
## 1.255366e+00 5.144113e-01 5.094359e+00 2.144104e+00 1.427532e+00
##          14          14          14          14          14
## 4.629269e-01 -7.105058e+00 -5.220873e-02 2.787353e-01 1.127802e+00
##          14          14          14          14          14
## 3.996239e-01 -7.105058e+00 4.771535e-01 2.829664e-01 1.935329e+00
##          14          14          14          14          14
## 2.225562e+00 -4.658314e-04 1.592626e+00 1.373123e+00 5.580060e-01
##          14          14          14          14          14
## 2.113750e+00 -7.105058e+00 -1.071249e+00 9.677617e-01 -6.658701e+00
##          14          14          14          14          14
## 1.349374e+00 1.774321e+00 1.600892e+00 -5.876700e+00 1.214610e+00
##          14          14          14          14          14
## 3.222658e+00 4.842900e-01 3.091385e-01 -2.040672e-01 1.526043e+00
##          14          14          14          14          14
## 1.439114e+00 5.144997e-01 1.262512e+00 1.486237e+00 8.915749e-01
##          14          14          14          14          14
## -7.312032e-01 1.506628e+00 1.503885e+00 -1.210785e-01 4.096738e-01
##          14          14          14          14          14
## 1.210801e+00 -6.262500e+00 1.204352e+00 2.675403e+00 -7.105058e+00
##          14          14          14          14          14
## 7.145234e-01 2.169915e+00 1.027366e+00 -1.086479e-01 -5.876700e+00
##          14          14          14          14          14
## 1.182318e+00 7.264882e-02 -6.517748e-02 1.950248e+00 1.238420e+00
##          14          14          14          14          14
## 1.398224e+00 1.425756e+00 1.057231e+00 -3.526905e-01 -4.139367e-01
##          14          14          14          14          14
## -6.163395e-01 -5.876700e+00 5.651914e-01 6.035137e-02 1.129104e+00
##          14          14          14          14          14
## -6.262500e+00 1.305345e-01 2.177466e+00 -8.049458e+00 1.962854e+00
##          14          14          14          14          14
## 3.585429e-01 -6.262500e+00 8.633850e-01 -3.112938e-01 3.703360e-01
##          14          14          14          14          14
## -8.532705e-01 5.072830e-01 -1.310887e+00 1.104923e+00 1.690679e+00

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##          14          14          14          14          14
## -9.704575e+00 1.448640e+00 8.715998e-01 1.397450e+00 1.493892e+00
##          14          14          14          14          14
## 1.302468e+00 5.267889e-01 1.138562e+00 -7.105058e+00 -6.262500e+00
##          14          14          14          14          14
## 2.765292e-01 3.457440e-01 7.688425e-01 -7.105058e+00 6.332466e-01
##          14          14          14          14          14
## -4.970570e-01 1.781528e+00 -5.876700e+00 2.606299e+00 8.017988e-01
##          14          14          14          14          14
## -1.459688e+00 2.480642e-01 1.515184e+00 6.031371e-01 5.329907e-01
##          14          14          14          14          14
## 1.477625e+00 7.234977e-01 1.582203e+00 -3.706876e-01 7.472625e-01
##          14          14          14          14          14
## 2.309374e+00 1.414838e+00 4.306227e-01 -7.105058e+00 -2.692401e-01
##          14          14          14          14          14
## 1.847068e+00 1.495701e+00 1.430575e-01 1.952984e+00 6.356623e-01
##          14          14          14          14          14
## 1.555390e+00 -2.419079e+00 -7.105058e+00 1.447956e+00 2.107385e+00
##          14          14          14          14          14
## 1.721306e+00 8.853468e-01 2.829664e-01 -5.876700e+00 3.091385e-01
##          14          14          14          14          14
## 1.470660e+00 4.883805e-01 1.825261e+00 3.416313e-02 -2.563949e-01
##          14          14          14          14          14
## 7.785846e-01 2.969380e-01 -5.876700e+00 1.968108e-01 1.825581e+00
##          14          14          14          14          14
## -6.262500e+00 -5.876700e+00 8.920845e-01 2.190842e+00 4.530500e-01
##          14          14          14          14          14
## 5.354203e-01 -7.105058e+00 -7.105058e+00 -7.105058e+00 -2.268058e-01
##          14          14          14          14          14
## 1.158720e+00 4.485318e-01 1.029721e+00 5.247302e-01 -1.708937e-01
##          14          14          14          14          14
## 1.868506e+00 1.513969e+00 2.224875e+00 -4.201044e-01 5.133464e-01
##          14          14          14          14          14
## -7.105058e+00 1.435941e+00 2.790861e+00 1.783337e+00 1.669809e-01
##          14          14          14          14          14
## 3.663033e-01 3.967410e+00 1.414838e+00 1.686724e+00 2.660892e+00
##          14          14          14          14          14
## 1.100835e+00 5.232835e-01 1.173478e+00 -2.419079e+00 1.658352e+00
##          14          14          14          14          14
## 1.331694e+00 5.581901e-01 8.116044e-01 2.406236e-01 8.435252e-01
##          14          14          14          14          14
## 9.527418e-01 9.071565e-01 8.933747e-01 4.794961e-01 -6.658701e+00
##          14          14          14          14          14
## 2.012397e+00 6.825893e-01 1.367132e+00 -7.105058e+00 1.887147e+00
##          14          14          14          14          14
## -5.876700e+00 7.387546e-01 1.505256e+00 1.744511e-01 -1.862766e-01
##          14          14          14          14          14
## 8.759841e-01 6.590613e-01 6.381142e-01 2.619263e+00 1.157751e+00
##          14          14          14          14          14
## 1.740784e+00 1.965636e+00 4.249917e-01 -5.876700e+00 8.122908e-01
##          14          14          14          14          14
## 6.777836e-01 4.448750e-01 3.803825e-01 -7.105058e+00 6.313812e-01
##          14          14          14          14          14
## 9.574203e-01 7.6667235e-01 1.392277e+00 -5.876700e+00 -7.666720e-01

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##          14          14          14          14          14
## 1.319320e+00 1.173270e+00 1.255366e+00 -4.540343e-01 1.008638e+00
##          14          14          14          14          14
## 8.027379e-01 2.438428e-01 1.941245e+00 -7.105058e+00 1.788988e+00
##          14          14          14          14          14
## 5.206254e-01 -8.757081e+00 -7.105058e+00 9.970230e-01 -7.105058e+00
##          14          14          14          14          14
## 3.480046e-01 2.540869e+00 -7.105058e+00 1.104923e+00 9.238815e-01
##          14          14          14          14          14
## 5.880404e-01 -4.756564e-01 1.053137e+00 8.683055e-03 1.187910e+00
##          14          14          14          14          14
## 9.408911e-01 5.226757e-01 1.454068e+00 7.421024e-01 2.081228e+00
##          14          14          14          14          14
## 5.166418e-01 3.462830e-01 5.447081e-01 -1.192955e+00 9.798500e-01
##          14          14          14          14          14
## 1.231967e+00 9.941011e-01 1.227420e+00 7.003644e-02 6.038789e-01
##          14          14          14          14          14
## 7.067850e-01 -2.933277e-01 2.828938e+00 -1.151958e-01 -6.658701e+00
##          14          14          14          14          14
## -1.771390e-01 1.437648e+00 -7.105058e+00 9.776976e-01 1.363207e+00
##          14          14          14          14          14
## 1.627526e+00 -6.262500e+00 -7.105058e+00 2.258931e+00 -7.590768e+00
##          14          14          14          14          14
## -5.876700e+00 -7.105058e+00 5.003507e-01 1.667150e+00 1.557334e+00
##          14          14          14          14          14
## 6.657524e-01 -7.105058e+00 8.754670e-01 -7.033034e-01 -2.932171e-01
##          14          14          14          14          14
## 1.326980e+00 1.543306e+00 9.063295e-01 1.804640e+00 1.897953e+00
##          14          14          14          14          14
## 6.038789e-01 6.432623e-01 8.059088e-01 2.049011e+00 1.165531e+00
##          14          14          14          14          14
## 2.433725e+00 9.246264e-02 1.114154e+00 1.205367e+00 3.844011e-01
##          14          14          14          14          14
## 4.555388e-02 8.043788e-01 1.438558e+00 3.217444e+00 1.731188e+00
##          14          14          14          14          14
## -2.419079e+00 -3.966888e-01 6.038789e-01 4.339249e-02 1.746587e+00
##          14          14          14          14          14
## 4.933507e-01 6.792229e-01 -5.266777e-01 1.795486e+00 1.571888e+00
##          14          14          14          14          14
## 1.221641e-02 6.033482e-01 3.549211e-01 7.680436e-01 1.331268e+00
##          14          14          14          14          14
## 1.274866e+00 -1.771390e-01 1.773869e+00 1.944132e+00 2.992434e-01
##          14          14          14          14          14
## -1.254663e-02 2.199329e+00 2.413861e+00 1.177316e+00 1.736165e+00
##          14          14          14          14          14
## -2.419079e+00 -2.468685e-01 -7.105058e+00 1.287583e+00 5.603190e-01
##          14          14          14          14          14
## 1.757601e-01 -3.122990e-01 -5.876700e+00 1.476247e+00 1.357622e+00
##          14          14          14          14          14
## 1.716174e+00 -2.058056e-02 1.215579e+00 1.148836e+00 -7.105058e+00
##          14          14          14          14          14
## 7.269135e-01 1.726992e+00 1.437648e+00 1.127891e-01 2.130698e+00
##          14          14          14          14          14
## 1.387648e+00 1.609735e+00 6.494249e-01 8.818472e-01 -5.876700e+00

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##          14          14          14          14          14
## 1.927256e+00 7.144027e-01 4.103048e-01 4.422730e-01 1.409839e+00
##          14          14          14          14          14
## -2.037232e-01 4.785138e-01 1.195259e+00 1.209268e+00 -7.105058e+00
##          14          14          14          14          14
## -2.419079e+00 1.532062e+00 1.470660e+00 3.140434e-02 1.238420e+00
##          14          14          14          14          14
## 2.811055e+00 5.144997e-01 -5.876700e+00 3.060916e+00 5.678062e-01
##          14          14          14          14          14
## 2.477336e+00 1.621699e+00 1.368291e+00 1.104923e+00 -7.105058e+00
##          14          14          14          14          14
## 1.417347e+00 6.218489e-01 7.495865e-01 1.301442e+00 1.594624e+00
##          14          14          14          14          14
## 1.396684e+00 7.818359e-01 1.479703e+00 1.425756e+00 1.770724e+00
##          14          14          14          14          14
## 2.114219e-01 1.127700e+00 2.184689e+00 5.603190e-01 -1.379450e+00
##          14          14          14          14          14
## 8.004197e-01 1.875714e-01 1.072269e+00 1.802847e+00 2.434624e+00
##          14          14          14          14          14
## 1.964150e-01 -9.436706e-02 8.579587e-01 2.559370e-01 1.403943e+00
##          14          14          14          14          14
## -7.105058e+00 -6.658701e+00 1.639614e+00 -7.105058e+00 1.030573e+00
##          14          14          14          14          14
## -7.105058e+00 6.688212e-01 -5.876700e+00 1.381570e+00 6.093288e-01
##          14          14          14          14          14
## -5.876700e+00 -5.876700e+00 -1.294972e+00 -4.340368e-01 1.946262e+00
##          14          14          14          14          14
## 9.495395e-02 2.150414e+00 1.708895e+00 1.833625e+00 -7.105058e+00
##          14          14          14          14          14
## 1.012540e+00 1.392537e+00 1.521321e+00 -7.105058e+00 2.569724e+00
##          14          14          14          14          14
## -4.065769e-01 8.133634e-01 5.413201e-01 -1.457087e+00 1.146193e+00
##          14          14          14          14          14
## 7.027818e-01 2.237384e-01 1.221757e+00 -7.105058e+00 -1.397875e-01
##          14          14          14          14          14
## 7.808042e-01 -5.876700e+00 1.621539e+00 2.116743e+00 1.001499e+00
##          14          14          14          14          14
## -7.105058e+00 2.059231e+00 8.733340e-01 2.039830e+00 2.615518e-01
##          14          14          14          14          14
## -5.448228e-01 2.125583e+00 1.561822e+00 1.273149e+00 1.805313e+00
##          14          14          14          14          14
## 1.539912e-01 1.113439e+00 -2.118877e-01 -1.185017e+00 5.492325e-01
##          14          14          14          14          14
## 1.204408e+00 1.025736e+00 -5.547585e-01 7.069708e-01 4.327365e-01
##          14          14          14          14          14
## 1.033991e+00 -8.924612e-01 1.684534e+00 1.539288e+00 1.666466e+00
##          14          14          14          14          14
## 1.669766e+00 2.782213e+00 4.177836e-01 6.083412e-01 7.410169e-01
##          14          14          14          14          14
## 1.337707e+00 1.697748e+00 1.429565e+00 1.028869e+00 2.102886e+00
##          14          14          14          14          14
## 3.214386e+00 9.969681e-01 2.203354e+00 4.194236e-01 1.317045e+00
##          14          14          14          14          14
## -3.121837e-01 3.220331e+00 -1.631602e-01 1.646655e+00 1.326176e+00

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##          14          14          14          14          14
## 2.111781e+00 -2.220359e-01 4.073235e-01 6.338386e-01 1.932886e+00
##          14          14          14          14          14
## -6.262500e+00 -5.876700e+00 5.104366e-01 1.199290e+00 2.209724e+00
##          14          14          14          14          14
## -6.658701e+00 5.783446e-01 9.940437e-01 1.780925e+00 -6.262500e+00
##          14          14          14          14          14
## 3.992689e-01 9.424519e-01 1.946860e-01 6.517928e-01 6.083412e-01
##          14          14          14          14          14
## -1.477572e+00 3.174600e-01 6.218489e-01 1.832338e+00 -7.105058e+00
##          14          14          14          14          14
## -6.262500e+00 2.423617e+00 1.866393e+00 2.253892e+00 1.273912e+00
##          14          14          14          14          14
## 6.195849e-01 1.704421e+00 1.274284e+00 1.200588e-01 1.159691e+00
##          14          14          14          14          14
## 8.532683e-01 2.701740e+00 2.032140e+00 -1.643353e-01 1.099425e+00
##          14          14          14          14          14
## 3.902405e-01 1.597046e+00 2.061370e+00 7.446961e-01 -1.175471e+00
##          14          14          14          14          14
## 9.162445e-01 1.501746e-01 1.394172e+00 -7.105058e+00 1.201312e+00
##          14          14          14          14          14
## 7.812397e-01 -6.056645e-01 -7.105058e+00 1.620450e+00 1.349374e+00
##          14          14          14          14          14
## 2.589304e+00 -8.938597e-03 6.465910e-01 1.354735e+00 7.472625e-01
##          14          14          14          14          14
## 1.017032e+00 -5.876700e+00 -1.919060e-01 -7.105058e+00 9.937292e-01
##          14          14          14          14          14
## 7.684553e-01 2.959668e-01 6.118884e-01 1.718808e+00 5.468698e-01
##          14          14          14          14          14
## -7.105058e+00 1.586755e+00 2.927008e-01 -5.876700e+00 7.395830e-01
##          14          14          14          14          14
## 1.394172e+00 -7.105058e+00 1.568960e+00 3.021849e+00 1.736165e+00
##          14          14          14          14          14
## 3.227834e+00 1.708895e+00 2.866733e+00 3.199233e+00 5.867118e-01
##          14          14          14          14          14
## 1.175792e+00 -2.973023e-01 -4.278625e-01 -5.876700e+00 -9.580529e-02
##          14          14          14          14          14
## 1.020389e+00 1.691119e+00 1.513980e+00 -5.876700e+00 7.850460e-01
##          14          14          14          14          14
## 1.971866e+00 1.335390e+00 1.825891e+00 1.174685e+00 1.564294e+00
##          14          14          14          14          14
## 1.046393e+00 1.711139e+00 7.135629e-01 -8.049458e+00 1.070602e+00
##          14          14          14          14          14
## 2.647871e+00 7.421363e-01 8.706457e-01 1.058249e+00 -4.417935e-01
##          14          14          14          14          14
## 1.989837e+00 -1.302270e-01 1.794377e+00 5.972226e-01 1.245934e+00
##          14          14          14          14          14
## -5.876700e+00 3.409891e+00 -7.590768e+00 1.585170e+00 1.028610e+00
##          14          14          14          14          14
## 9.752475e-01 2.277086e-01 1.123010e+00 5.906104e-01 2.100720e+00
##          14          14          14          14          14
## 1.854097e+00 1.546985e+00 2.433644e-01 -5.175453e-01 -7.675783e-02
##          14          14          14          14          14
## 1.779267e-01 1.298663e-01 2.537530e+00 -7.105058e+00 -6.820148e+00

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##          14          14          14          14          14
## 1.428462e+00 8.758368e-01 3.520156e+00 -7.105058e+00 -7.105058e+00
##          14          14          14          14          14
## 4.937986e-02 1.419023e+00 -2.419079e+00 3.366261e+00 7.892474e-01
##          14          14          14          14          14
## 7.218904e-01 1.522932e+00 -5.876700e+00 -7.105058e+00 7.550015e-01
##          14          14          14          14          14
## 2.173600e-03 1.234228e+00 1.539758e+00 1.319320e+00 1.534187e+00
##          14          14          14          14          14
## 2.933337e+00 1.989837e+00 -5.876700e+00 1.015336e+00 2.045235e+00
##          14          14          14          14          14
## 1.954510e+00 1.328472e+00 5.795593e-01 -1.209692e-02 5.707608e-02
##          14          14          14          14          14
## 4.918659e-01 3.772329e+00 -2.132811e-01 9.855480e-01 2.086956e+00
##          14          14          14          14          14
## 9.246264e-02 5.518304e-01 1.441072e+00 -6.949613e+00 7.325059e-01
##          14          14          14          14          14
## 9.213981e-01 1.833208e+00 2.001034e+00 -5.876700e+00 1.392537e+00
##          14          14          14          14          14
## 4.343413e-01 9.589555e-02 7.578162e-01 1.348948e+00 7.015088e-01
##          14          14          14          14          14
## 1.686724e+00 7.376896e-01 1.909838e+00 2.411299e+00 5.581901e-01
##          14          14          14          14          14
## 8.981024e-01 1.359416e+00 -3.776121e-01 1.285730e+00 1.240014e+00
##          14          14          14          14          14
## -3.998332e-01 1.178549e+00 1.769678e+00 -1.763655e-01 -7.105058e+00
##          14          14          14          14          14
## 9.110310e-01 1.227973e+00 -5.639877e-02 1.872315e+00 2.033082e+00
##          14          14          14          14          14
## 3.613484e-01 4.883805e-01 1.440749e-01 2.894454e-01 2.171029e+00
##          14          14          14          14          14
## -7.105058e+00 7.243988e-01 1.038566e+00 1.740934e+00 1.306872e+00
##          14          14          14          14          14
## 1.146193e+00 -5.876700e+00 2.445993e+00 2.207564e+00 1.399915e+00
##          14          14          14          14          14
## 1.752424e+00 1.896599e+00 4.350387e-01 -2.419079e+00 8.313346e-01
##          14          14          14          14          14
## -6.403757e-02 1.447956e+00 -9.703081e-01 7.629201e-01 2.034621e+00
##          14          14          14          14          14
## 1.314776e+00 6.517576e-01 4.176400e-01 -9.420611e-01 -4.325644e-02
##          14          14          14          14          14
## -7.105058e+00 1.129731e+00 1.570911e+00 2.325940e-01 3.622583e-01
##          14          14          14          14          14
## 1.353337e+00 9.882633e-01 6.077495e-01 1.725624e+00 5.267889e-01
##          14          14          14          14          14
## 2.872841e+00 6.297277e-01 -2.205052e-02 1.415674e+00 1.305000e+00
##          14          14          14          14          14
## 1.614762e+00 6.005721e-01 1.949356e-01 -7.105058e+00 1.031860e+00
##          14          14          14          14          14
## 1.183570e-01 2.488298e-02 -5.138203e-02 5.116898e-01 1.493721e+00
##          14          14          14          14          14
## -2.969469e-01 1.213034e+00 2.152281e+00 2.794702e+00 -7.105058e+00
##          14          14          14          14          14
## 3.394958e-01 -7.586643e-01 4.983888e-01 5.373043e-01 2.259686e+00

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##          14          14          14          14          14
## -8.479269e-01  1.342358e+00  4.830394e-01 -6.949613e+00 -8.064729e-01
##          14          14          14          14          14
## -5.876700e+00  1.438931e+00 -1.857381e+00  3.701510e+00  2.546979e+00
##          14          14          14          14          14
##  6.955127e-01  6.016552e-01  6.020606e-01  3.308470e+00  9.615087e-02
##          14          14          14          14          14
##  2.022835e-02  7.979040e-01  1.551572e+00  3.130654e+00 -3.949466e-01
##          14          14          14          14          14
##  1.870337e+00  3.802483e-01  2.088036e+00 -7.865344e-02  6.802100e-01
##          14          14          14          14          14
##  1.620398e+00  2.607870e+00  6.257046e-02  7.938486e-01  1.441193e+00
##          14          14          14          14          14
## -1.346286e+00 -2.419079e+00  2.175798e+00  2.896123e-01  2.407652e+00
##          14          14          14          14          14
## -7.105058e+00  1.850769e+00  2.253826e+00  1.218520e+00  1.132968e+00
##          14          14          14          14          14
##  9.048326e-01 -3.362249e-02  6.801836e-01  1.945250e+00  7.916050e-01
##          14          14          14          14          14
##  1.164231e+00 -8.049458e+00  1.525110e+00 -5.876700e+00 -3.915580e-01
##          14          14          14          14          14
## -7.612212e-01 -6.262500e+00  3.958391e-01 -4.136026e-01 -7.105058e+00
##          14          14          14          14          14
##  1.363555e+00  9.524031e-01  2.732853e+00 -1.536011e-01  1.150676e+00
##          14          14          14          14          14
##  1.446920e+00 -1.887598e+00  4.262639e-02  1.766098e+00 -6.658701e+00
##          14          14          14          14          14
##  4.155387e-01  7.078091e-01 -1.581377e+00  3.208081e-01 -5.876700e+00
##          14          14          14          14          14
##  1.618912e+00  1.751034e+00  7.422297e-01 -7.105058e+00 -5.876700e+00
##          14          14          14          14          14
##  2.237584e+00  1.442789e+00 -6.262500e+00  2.364131e+00 -7.105058e+00
##          14          14          14          14          14
##  6.477994e-01  1.435088e+00  9.682440e-01  1.161602e+00  1.183261e+00
##          14          14          14          14          14
##  2.609674e-01  1.076346e+00  1.170439e+00 -2.419079e+00 -6.658701e+00
##          14          14          14          14          14
##  1.756177e+00  1.554860e+00  4.824488e-01  4.175609e-01 -5.876700e+00
##          14          14          14          14          14
## -7.105058e+00  1.070999e+00  6.050635e-01  1.882264e+00  6.548930e-01
##          14          14          14          14          14
##  1.368917e+00  1.187147e-01  1.494615e+00  2.491890e+00  1.564585e+00
##          14          14          14          14          14
##  1.375548e+00  1.400639e+00 -4.547507e-01  1.592626e+00  1.901359e+00
##          14          14          14          14          14
##  1.970284e+00 -7.105058e+00  1.010865e+00  7.381472e-01  1.738973e+00
##          14          14          14          14          14
##  1.596625e+00  1.837934e+00  2.295286e-01 -2.759985e-01  1.606694e+00
##          14          14          14          14          14
##  1.387648e+00  1.238420e+00  2.742575e+00  2.260674e+00  1.367371e+00
##          14          14          14          14          14
##  9.192923e-01  1.583686e+00  2.012358e+00  5.539910e-01 -1.396133e+00
##          14          14          14          14          14
##  2.001034e+00  1.270413e+00  1.430835e+00  1.090328e+00  1.853356e+00

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##          14          14          14          14          14
## -6.874602e-01  2.611418e+00  1.259647e+00  1.436916e+00  7.498355e-01
##          14          14          14          14          14
##  1.830821e+00  1.675023e+00 -1.161657e+00 -7.105058e+00  4.824488e-01
##          14          14          14          14          14
##  2.442707e+00  1.512088e+00 -5.876700e+00  1.621477e+00  7.168924e-01
##          14          14          14          14          14
##  8.462090e-01 -2.593991e-01  1.248977e+00  1.990579e+00  2.611418e+00
##          14          14          14          14          14
##  4.258445e-01  1.026467e+00  1.457248e+00 -7.105058e+00 -8.049458e+00
##          14          14          14          14          14
##  9.581952e-01  1.049794e+00  2.619507e+00  2.774331e+00  9.534461e-01
##          14          14          14          14          14
## -6.262500e+00  2.293864e+00  4.157288e-01  1.114154e+00  4.517714e-02
##          14          14          14          14          14
##  3.043178e-01  4.198258e-01  2.572950e-01  1.092141e+00  2.113306e-01
##          14          14          14          14          14
##  3.368168e+00  1.918200e+00  1.987252e+00  1.740934e+00 -6.262500e+00
##          14          14          14          14          14
## -6.262500e+00  1.515559e+00  2.932779e+00 -1.042755e-01  7.662329e-01
##          14          14          14          14          14
## -1.160159e+00  1.437648e+00  2.149181e+00  1.301875e+00  3.396722e+00
##          14          14          14          14          14
##  1.993803e-01  1.370722e+00  4.049738e-01  2.300928e+00  1.546594e-01
##          14          14          14          14          14
##  1.314776e+00  1.992465e+00 -2.082195e-01  9.934815e-01  3.087384e+00
##          14          14          14          14          14
## -7.105058e+00  2.245940e+00 -7.105058e+00  2.071281e+00  1.262237e+00
##          14          14          14          14          14
##  1.472870e+00  1.737786e+00  1.207401e+00 -2.808963e-01  3.224863e-01
##          14          14          14          14          14
##  8.191706e-01  1.503701e+00  1.998784e+00  3.066555e-01  5.061529e-01
##          14          14          14          14          14
##  1.314776e+00 -7.590768e+00  1.499120e+00  1.673654e+00  2.011149e+00
##          14          14          14          14          14
##  7.247938e-02  1.342358e+00  1.106762e+00  1.759473e+00  1.896361e+00
##          14          14          14          14          14
##  1.530345e+00 -9.519553e-01  1.908194e+00  1.549658e+00  2.253487e+00
##          14          14          14          14          14
##  2.418474e-01  4.437792e-01  4.475795e-01 -4.171968e-01  8.436499e-02
##          14          14          14          14          14
##  4.237638e-01  1.368328e+00 -8.314706e-01  1.345891e+00  2.356389e+00
##          14          14          14          14          14
## -7.108236e-01  1.023565e+00  1.370243e+00  1.379195e+00  1.152134e+00
##          14          14          14          14          14
## -5.156789e-01  1.754768e+00  1.651185e+00  1.699968e+00  5.476130e-01
##          14          14          14          14          14
## -2.419079e+00  1.003608e+00  1.863024e+00  6.922706e-01  2.653717e-01
##          14          14          14          14          14
##  2.084088e+00  4.196705e-02 -5.849660e-01 -4.020284e-01  1.699968e+00
##          14          14          14          14          14
##  1.006970e+00 -4.242555e-01  1.655213e+00  4.212342e-01  1.143363e+00
##          14          14          14          14          14
##  1.743101e+00  1.932864e+00  1.279145e+00  1.712545e+00  1.262512e+00

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##          14          14          14          14          14
## 1.821437e-02 1.242826e+00 5.367335e-01 3.095946e-01 2.155069e+00
##          14          14          14          14          14
## 1.387648e+00 4.851299e+00 1.848189e+00 1.809697e+00 3.377189e-01
##          14          14          14          14          14
## -5.876700e+00 1.058373e+00 -5.876700e+00 -1.105111e+00 4.014596e-01
##          14          14          14          14          14
## 2.369295e-01 8.284181e-01 1.695534e+00 1.893526e+00 -4.974623e-01
##          14          14          14          14          14
## 1.907872e+00 1.155001e+00 3.074825e-01 1.226526e+00 1.112301e+00
##          14          14          14          14          14
## 1.720713e+00 1.905105e-01 6.517576e-01 6.309566e-01 -4.872560e-01
##          14          14          14          14          14
## 1.399915e+00 -7.105058e+00 2.381259e+00 1.341844e+00 -5.876700e+00
##          14          14          14          14          14
## 1.562367e+00 3.060670e+00 -6.262500e+00 1.224860e+00 -6.680692e-01
##          14          14          14          14          14
## -6.262500e+00 1.711957e+00 9.298971e-01 7.303480e-01 -7.105058e+00
##          14          14          14          14          14
## 2.336349e+00 -6.658701e+00 -1.473217e+00 1.363555e+00 1.793533e+00
##          14          14          14          14          14
## 2.535240e+00 1.574824e+00 3.140434e-02 1.884266e+00 3.788534e-02
##          14          14          14          14          14
## 1.779721e+00 -8.757081e+00 2.804720e+00 1.109835e+00 -1.698147e-01
##          14          14          14          14          14
## 9.849501e-01 5.351820e-01 3.462069e-01 1.824338e-01 5.104366e-01
##          14          14          14          14          14
## 9.709709e-01 -6.262500e+00 1.279875e+00 1.407349e+00 2.020862e+00
##          14          14          14          14          14
## 1.465374e+00 -5.663507e-02 -7.105058e+00 -4.359887e-01 -8.861290e-01
##          14          14          14          14          14
## -3.019407e-01 1.802610e-01 1.788526e+00 -8.770636e-02 -2.419079e+00
##          14          14          14          14          14
## 1.109481e+00 1.984949e+00 6.173260e-01 -3.871959e-01 8.381746e-01
##          14          14          14          14          14
## -7.105058e+00 1.404865e+00 2.039602e+00 1.320821e+00 7.787545e-01
##          14          14          14          14          14
## -5.876700e+00 7.395758e-02 5.990327e-01 7.364944e-01 6.517576e-01
##          14          14          14          14          14
## 1.984949e+00 -7.105058e+00 -7.105058e+00 6.850008e-01 1.332254e+00
##          14          14          14          14          14
## 8.966573e-01 3.132906e-01 -7.105058e+00 -7.422680e-01 6.706181e-01
##          14          14          14          14          14
## -5.876700e+00 -7.572698e-02 2.778265e+00 -7.105058e+00 1.337707e+00
##          14          14          14          14          14
## 9.724514e-01 1.339658e+00 -7.105058e+00 1.654364e+00 -1.884040e-01
##          14          14          14          14          14
## 9.213981e-01 1.865081e+00 2.999312e+00 5.884160e-01 -7.105058e+00
##          14          14          14          14          14
## -5.876700e+00 -3.801056e-01 5.950137e-01 -2.900429e-02 9.137724e-01
##          14          14          14          14          14
## 2.633167e+00 1.182642e+00 1.667183e+00 2.065931e-01 5.104366e-01
##          14          14          14          14          14
## -9.369031e-02 3.936591e-01 2.002321e+00 1.945250e+00 -7.105058e+00

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##          14          14          14          14          14
## -3.130250e-01 1.276960e+00 -1.106029e-01 1.028937e+00 -1.271046e+00
##          14          14          14          14          14
## 7.020466e-01 1.129487e+00 3.617023e-01 -1.826343e-01 2.271719e+00
##          14          14          14          14          14
## 9.550266e-01 1.327514e+00 2.043354e+00 2.314325e+00 1.983178e+00
##          14          14          14          14          14
## 7.359508e-01 9.565987e-01 3.074825e-01 -8.049458e+00 -6.658701e+00
##          14          14          14          14          14
## 1.4666781e+00 9.012167e-01 8.493745e-01 4.960087e-01 -6.262500e+00
##          14          14          14          14          14
## 1.888604e+00 4.280985e-01 9.424519e-01 1.820480e+00 -5.876700e+00
##          14          14          14          14          14
## 5.688804e-01 9.937292e-01 1.154108e+00 6.128235e-01 -6.262500e+00
##          14          14          14          14          14
## 1.238420e+00 -1.048144e+00 1.266105e+00 7.832257e-01 1.091775e+00
##          14          14          14          14          14
## 2.363021e+00 -8.049458e+00 9.669610e-01 -5.876700e+00 1.811233e-01
##          14          14          14          14          14
## 5.667332e-01 1.472428e+00 7.716415e-01 1.537263e+00 2.180099e+00
##          14          14          14          14          14
## 2.203194e+00 -9.876935e-01 5.104366e-01 1.444207e+00 -7.105058e+00
##          14          14          14          14          14
## 9.920863e-01 6.150722e-01 1.017674e+00 2.857568e+00 1.879981e+00
##          14          14          14          14          14
## 3.938421e-01 1.466148e+00 4.453863e+00 -1.375693e+00 -2.022002e+00
##          14          14          14          14          14
## 1.373123e+00 -8.459700e-02 1.155118e+00 6.401481e-01 1.820120e+00
##          14          14          14          14          14
## -7.105058e+00 -5.460893e-01 1.559278e+00 6.134512e-01 2.417540e+00
##          14          14          14          14          14
## 3.157901e-01 5.491301e-01 4.668300e-01 2.350622e+00 2.386109e+00
##          14          14          14          14          14
## 8.082208e-01 2.373965e+00 -8.049458e+00 5.539458e-01 1.114772e+00
##          14          14          14          14          14
## -1.880129e+00 1.773245e+00 2.670821e-01 1.774960e-01 8.385559e-02
##          14          14          14          14          14
## 1.207401e+00 1.075943e+00 -6.527073e-01 9.709709e-01 -8.757081e+00
##          14          14          14          14          14
## -8.049458e+00 1.476195e+00 2.537679e-01 1.688986e+00 6.730009e-01
##          14          14          14          14          14
## 8.557178e-01 2.803053e+00 1.399915e+00 4.102120e-01 4.838161e-01
##          14          14          14          14          14
## 5.328426e-01 1.252702e+00 2.416160e+00 -7.590768e+00 1.306497e+00
##          14          14          14          14          14
## -6.262500e+00 1.009308e+00 1.813991e+00 1.236322e+00 1.563130e+00
##          14          14          14          14          14
## -5.161116e-01 1.727748e+00 1.312511e+00 2.382242e+00 -4.710148e-01
##          14          14          14          14          14
## 1.412336e+00 1.417347e+00 1.574824e+00 1.862821e+00 -2.888021e-01
##          14          14          14          14          14
## 1.388868e+00 1.429987e+00 8.901354e-01 1.327323e+00 1.870644e+00
##          14          14          14          14          14
## 1.061795e+00 9.172274e-01 1.988501e+00 8.774555e-01 1.359905e+00

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##          14          14          14          14          14
## 2.606153e-01 -7.105058e+00 2.214443e+00 1.984654e+00 5.881493e-01
##          14          14          14          14          14
## -2.299972e-01 2.427924e+00 -5.206483e-01 1.536045e+00 2.735870e+00
##          14          14          14          14          14
## -3.111534e-01 2.080943e-01 1.956979e+00 1.409839e+00 9.485253e-01
##          14          14          14          14          14
## 3.777361e-01 -6.646573e-01 -5.876700e+00 1.656489e+00 7.699906e-01
##          14          14          14          14          14
## 7.048869e-01 2.423497e+00 1.171529e+00 1.236322e+00 1.757118e+00
##          14          14          14          14          14
## 6.786186e-01 1.909773e+00 1.354079e+00 -2.419079e+00 1.497514e+00
##          14          14          14          14          14
## 1.176603e+00 -6.092355e-01 -7.105058e+00 4.931368e-01 2.408510e-01
##          14          14          14          14          14
## -7.105058e+00 3.202661e-01 1.005461e+00 -3.640884e-01 2.429215e+00
##          14          14          14          14          14
## 1.276960e+00 5.560657e-01 -9.723760e-01 1.083110e+00 1.807166e+00
##          14          14          14          14          14
## 4.646538e-01 2.479460e+00 9.223494e-01 -5.757064e-01 9.731451e-01
##          14          14          14          14          14
## 1.978194e+00 1.016391e-01 1.978764e+00 1.473523e+00 2.056313e-01
##          14          14          14          14          14
## 1.731568e+00 1.884069e+00 -8.049458e+00 1.033483e+00 1.921000e+00
##          14          14          14          14          14
## -7.105058e+00 1.292358e+00 1.945250e+00 4.913596e-01 7.416422e-01
##          14          14          14          14          14
## 8.448099e-01 3.161002e-01 -7.105058e+00 -1.146368e+00 7.069708e-01
##          14          14          14          14          14
## -1.990434e-01 1.481315e+00 -4.639206e-01 2.511872e-01 3.139612e+00
##          14          14          14          14          14
## -9.670220e-01 2.534856e+00 1.766573e+00 2.608789e+00 1.521014e+00
##          14          14          14          14          14
## 1.934584e-01 3.549211e-01 4.063126e-01 1.555896e+00 5.634832e-01
##          14          14          14          14          14
## 2.170296e+00 -4.916320e-01 6.801836e-01 1.871128e+00 1.294577e+00
##          14          14          14          14          14
## 2.065278e-01 2.081390e+00 -5.876700e+00 4.047479e-01 1.186580e+00
##          14          14          14          14          14
## 2.203881e-01 3.900842e+00 1.679442e+00 1.022819e+00 1.180357e+00
##          14          14          14          14          14
## -5.876700e+00 -7.105058e+00 1.005707e+00 -6.820148e+00 -7.105058e+00
##          14          14          14          14          14
## -8.562164e-02 1.665571e+00 -7.105058e+00 4.159685e+00 -7.590768e+00
##          14          14          14          14          14
## 2.440827e+00 7.989609e-01 1.293867e+00 -3.527148e-02 5.379233e-01
##          14          14          14          14          14
## 5.782355e-01 7.981210e-01 9.758043e-01 7.420430e-01 3.174600e-01
##          14          14          14          14          14
## 2.875596e+00 -1.526926e-01 6.245604e-01 -6.262500e+00 2.784249e+00
##          14          14          14          14          14
## 2.225464e+00 1.035704e+00 1.388069e+00 2.381991e+00 1.439791e+00
##          14          14          14          14          14
## 1.833480e+00 3.653864e-01 8.561429e-02 8.349275e-01 1.263326e+00

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##          14          14          14          14          14
## -7.105058e+00  1.681803e+00  4.648620e-01  2.279720e+00  1.340030e+00
##          14          14          14          14          14
##  8.372415e-01  2.603289e+00  1.070247e+00 -1.329572e-01  1.502269e+00
##          14          14          14          14          14
##  6.151040e-01 -1.259983e+00  2.106097e+00  2.747789e+00 -5.876700e+00
##          14          14          14          14          14
##  1.625078e+00  6.850761e-01  1.277506e+00 -4.402118e-01  1.817734e+00
##          14          14          14          14          14
##  2.515557e+00  3.880471e-01  1.134768e+00  2.104134e+00 -2.419079e+00
##          14          14          14          14          14
## -4.081494e-01  2.320725e+00  7.920984e-02  1.168704e+00  1.527602e+00
##          14          14          14          14          14
## -7.727517e-02 -6.262500e+00  9.499353e-01  2.295415e+00  2.201884e+00
##          14          14          14          14          14
##  1.914783e+00 -5.266777e-01  5.136595e-01  6.106253e-01 -3.296684e-01
##          14          14          14          14          14
##  1.155238e+00  1.476422e+00  9.801031e-01  1.683441e+00 -7.105058e+00
##          14          14          14          14          14
##  1.435941e+00 -2.225095e-01  1.063413e+00  1.301203e-02  4.523029e-01
##          14          14          14          14          14
##  3.088319e-01  1.197272e+00  3.430810e+00  3.526893e-01  7.719777e-01
##          14          14          14          14          14
##  7.387973e-01  2.158391e+00  1.040862e+00  7.435199e-01  5.667332e-01
##          14          14          14          14          14
##  1.459910e+00  9.418718e-01 -5.876700e+00  7.218904e-01  1.076170e+00
##          14          14          14          14          14
##  1.510511e+00  1.745423e+00  1.008148e+00  1.347000e+00  9.674388e-01
##          14          14          14          14          14
## -9.034462e-02  1.279145e+00  1.139259e+00  2.196636e+00  1.647077e+00
##          14          14          14          14          14
##  8.970104e-01  2.449510e-01  6.422573e-01  9.197386e-01  2.486821e+00
##          14          14          14          14          14
##  2.551634e+00 -2.412303e-01  1.359908e-01  1.068828e+00 -7.105058e+00
##          14          14          14          14          14
##  1.714515e+00 -5.309451e-01  1.458338e+00  1.597257e+00 -8.069114e-01
##          14          14          14          14          14
##  6.959079e-01  1.326176e+00  7.446961e-01  3.580163e+00  2.472589e-02
##          14          14          14          14          14
##  8.245411e-01  1.388851e-01  1.910668e+00 -8.109078e-01  1.165531e+00
##          14          14          14          14          14
##  1.711139e+00  6.658695e-01  3.187482e-03  1.519066e+00 -9.704575e+00
##          14          14          14          14          14
## -3.607724e-01 -2.419079e+00  7.003644e-02  1.978194e+00 -3.779693e-01
##          14          14          14          14          14
##  1.522130e+00  2.960174e-01  7.144027e-01  9.495057e-01 -1.658736e-01
##          14          14          14          14          14
##  8.815471e-01  6.947057e-01  1.756638e+00 -5.876700e+00  1.955272e+00
##          14          14          14          14          14
##  1.020270e+00  3.863792e-01 -2.419079e+00  6.094655e-02  2.865223e+00
##          14          14          14          14          14
## -3.466425e-01  2.979890e-01 -5.876700e+00 -7.105058e+00  9.096033e-01
##          14          14          14          14          14
##  1.615276e+00  4.399933e-01  9.020434e-01  2.004643e+00  1.597436e-01

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##          14          14          14          14          14          14
## 5.924367e-02 1.875456e+00 1.340030e+00 1.582203e+00 -6.523417e-01
##          14          14          14          14          14          14
## 1.484248e+00 2.909575e+00 -1.174606e+00 3.043178e-01 1.313643e+00
##          14          14          14          14          14          14
## 1.176915e+00 1.544700e+00 -3.745401e-02 1.450549e+00 -4.866074e-01
##          14          14          14          14          14          14
## 1.163581e+00 -5.019916e-01 -2.088989e-01 2.371063e+00 5.585726e-01
##          14          14          14          14          14          14
## 1.124173e+00 1.362595e+00 2.443938e+00 9.849429e-01 1.931448e+00
##          14          14          14          14          14          14
## -6.262500e+00 8.597921e-01 1.154489e+00 2.166248e-01 4.212762e-01
##          14          14          14          14          14          14
## 1.303504e+00 1.683805e+00 9.822853e-01 1.060004e+00 -3.042518e-01
##          14          14          14          14          14          14
## 1.894335e+00 9.344420e-01 -7.051824e-01 1.644226e+00 -3.529920e-01
##          14          14          14          14          14          14
## 1.781528e+00 7.967768e-01 -5.876700e+00 4.668300e-01 1.117870e+00
##          14          14          14          14          14          14
## 1.893512e+00 6.976062e-03 -6.658701e+00 1.658619e+00 4.399933e-01
##          14          14          14          14          14          14
## 1.026601e+00 1.257390e+00 1.181183e+00 -7.105058e+00 -7.590768e+00
##          14          14          14          14          14          14
## -6.820148e+00 2.969380e-01 1.938475e+00 -2.064778e-01 2.621076e+00
##          14          14          14          14          14          14
## 9.518681e-01 1.412336e+00 1.417347e+00 -6.074516e-01 -6.084430e-01
##          14          14          14          14          14          14
## -9.864520e-02 6.074923e-01 1.975831e+00 -7.105058e+00 1.546266e-02
##          14          14          14          14          14          14
## -8.748055e-01 -7.105058e+00 2.001034e+00 -7.105058e+00 1.897749e-01
##          14          14          14          14          14          14
## 3.011695e+00 -1.316008e+00 1.183275e+00 4.083406e+00 2.170263e+00
##          14          14          14          14          14          14
## 1.340030e+00 -1.276590e-01 2.208514e+00 2.047120e+00 3.399186e+00
##          14          14          14          14          14          14
## 1.1677769e+00 -2.832566e-01 -4.514293e-01 -7.590768e+00 1.437648e+00
##          14          14          14          14          14          14
## 2.280206e+00 1.931448e+00 -7.105058e+00 1.131475e-01 1.310252e+00
##          14          14          14          14          14          14
## 1.028869e+00 1.089600e+00 1.079520e+00 1.755349e-01 3.099857e+00
##          14          14          14          14          14          14
## 2.760177e+00 5.513012e-01 -1.126970e-01 1.018867e+00 2.092718e+00
##          14          14          14          14          14          14
## 7.344959e-01 9.644665e-01 4.854174e-01 -2.758071e-01 1.624563e+00
##          14          14          14          14          14          14
## 1.335390e+00 1.044315e+00 6.049926e-01 3.102646e+00 1.405310e+00
##          14          14          14          14          14          14
## 1.887980e+00 1.120964e-01 -2.419079e+00 5.731887e-01 7.069708e-01
##          14          14          14          14          14          14
## 1.431897e+00 1.394990e+00 -3.875004e-02 -2.346758e-01 -1.613708e-02
##          14          14          14          14          14          14
## -3.904541e-01 1.864426e+00 -2.354836e-01 3.613484e-01 -7.105058e+00
##          14          14          14          14          14          14
## -7.105058e+00 -2.929885e-01 1.442789e+00 1.147471e+00 -7.105058e+00

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##          14          14          14          14          14          14
## 2.126524e+00 1.003644e+00 -5.876700e+00 1.418784e+00 1.691097e+00
##          14          14          14          14          14          14
## -3.131549e-01 4.609955e-01 1.847260e+00 1.605004e+00 7.003644e-02
##          14          14          14          14          14          14
## 1.913407e+00 1.736481e+00 1.088519e+00 2.259103e+00 1.772957e+00
##          14          14          14          14          14          14
## 5.329907e-01 2.306869e+00 -2.123858e-01 1.615491e+00 2.023545e-01
##          14          14          14          14          14          14
## 1.323487e+00 1.440215e+00 1.141117e+00 1.223042e+00 -5.876700e+00
##          14          14          14          14          14          14
## 7.218904e-01 2.537679e-01 4.505071e-01 1.049155e+00 5.565292e-01
##          14          14          14          14          14          14
## 1.381166e+00 7.785846e-01 1.338071e+00 1.740784e+00 5.906104e-01
##          14          14          14          14          14          14
## -7.105058e+00 4.150830e-01 2.593543e+00 1.657133e+00 5.274524e-01
##          14          14          14          14          14          14
## 2.111676e+00 1.540749e+00 2.958075e-01 4.672642e-02 4.456776e-01
##          14          14          14          14          14          14
## 1.754743e+00 1.446230e+00 1.970617e+00 7.042279e-01 4.069516e+00
##          14          14          14          14          14          14
## -8.757081e+00 1.470205e+00 1.181276e+00 1.355652e+00 1.589211e+00
##          14          14          14          14          14          14
## 5.392312e-01 -7.390623e-01 -6.762186e-01 -5.876700e+00 2.102886e+00
##          14          14          14          14          14          14
## -7.742564e-01 1.377941e+00 1.909838e+00 -3.741314e-02 3.383507e+00
##          14          14          14          14          14          14
## 1.780925e+00 1.808472e+00 2.777992e+00 3.726454e-01 1.185251e+00
##          14          14          14          14          14          14
## -5.012516e-01 1.344691e+00 4.083798e-01 1.843548e+00 7.009186e-01
##          14          14          14          14          14          14
## 1.425756e+00 1.718468e+00 1.008024e+00 6.663505e-01 -2.987458e-01
##          14          14          14          14          14          14
## 2.062736e+00 -7.105058e+00 6.777836e-01 1.680168e+00 1.039649e+00
##          14          14          14          14          14          14
## 2.670821e-01 2.756860e+00 1.246857e+00 2.163391e+00 1.970494e+00
##          14          14          14          14          14          14
## 6.195849e-01 5.381932e-01 7.455860e-01 3.424799e+00 6.462548e-01
##          14          14          14          14          14          14
## 7.693472e-01 1.225897e+00 2.859695e-01 8.280912e-01 1.506628e+00
##          14          14          14          14          14          14
## 2.033070e+00 1.186580e+00 -6.820148e+00 2.353836e+00 2.345877e-01
##          14          14          14          14          14          14
## -2.419079e+00 2.125015e+00 1.225897e+00 4.686141e-01 -8.757081e+00
##          14          14          14          14          14          14
## 2.669504e-01 1.429139e+00 -1.812042e-01 3.843571e-01 -7.105058e+00
##          14          14          14          14          14          14
## 2.266593e+00 2.197885e+00 -5.876700e+00 1.641708e+00 1.669335e+00
##          14          14          14          14          14          14
## 2.056598e+00 -1.735718e+00 7.434154e-01 7.132037e-02 1.414838e+00
##          14          14          14          14          14          14
## 1.257504e+00 -7.105058e+00 2.893179e-01 1.651290e+00 -5.876700e+00
##          14          14          14          14          14          14
## -7.105058e+00 1.657079e+00 -4.093931e-01 8.390127e-02 4.765520e-01

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##          14          14          14          14          14
## 7.294346e-01 -6.949613e+00 6.502011e-01 1.303504e+00 2.010083e+00
##          14          14          14          14          14
## 1.462304e+00 6.820540e-01 1.281335e+00 1.153884e+00 -4.748130e-01
##          14          14          14          14          14
## 1.229759e+00 6.557024e-01 -6.658701e+00 -5.876700e+00 6.348453e-01
##          14          14          14          14          14
## 1.311792e+00 8.463700e-01 1.300520e+00 8.614751e-01 1.367288e+00
##          14          14          14          14          14
## 2.358384e+00 7.069708e-01 5.665185e-01 1.290144e+00 1.806136e+00
##          14          14          14          14          14
## 1.178095e+00 2.679681e-01 2.353673e-02 1.656731e+00 3.724247e-01
##          14          14          14          14          14
## 7.387591e-01 7.069708e-01 2.657497e+00 -7.105058e+00 5.994365e-01
##          14          14          14          14          14
## -2.419079e+00 6.822336e-01 7.996517e-01 3.650999e-01 1.083110e+00
##          14          14          14          14          14
## -1.518204e+00 -5.672086e-01 2.867972e+00 9.870485e-01 1.967427e-01
##          14          14          14          14          14
## 2.645767e+00 2.844924e+00 2.132741e+00 1.624254e+00 1.835387e+00
##          14          14          14          14          14
## 1.610750e+00 1.823372e+00 3.643852e+00 1.014736e+00 1.577753e+00
##          14          14          14          14          14
## -2.668105e-01 1.592626e+00 5.518304e-01 2.475944e+00 1.511033e+00
##          14          14          14          14          14
## 2.712142e-02 9.970230e-01 -7.105058e+00 1.461332e+00 1.706656e+00
##          14          14          14          14          14
## 1.578753e+00 1.094684e+00 1.962854e+00 9.552430e-01 6.348690e-01
##          14          14          14          14          14
## -2.299972e-01 -5.876700e+00 2.077446e+00 1.754117e+00 1.414838e+00
##          14          14          14          14          14
## -2.118076e-01 2.650989e-01 5.039227e-01 3.413299e-01 1.694981e+00
##          14          14          14          14          14
## 1.444769e-01 1.086474e+00 -2.327931e-01 1.922773e+00 4.949589e-01
##          14          14          14          14          14
## -2.140674e-01 1.435917e+00 -5.876700e+00 -7.590768e+00 7.094419e-01
##          14          14          14          14          14
## 1.531660e+00 9.074036e-01 2.358104e+00 7.193883e-01 1.262512e+00
##          14          14          14          14          14
## 6.084186e-01 1.305345e-01 1.120978e+00 2.278635e-01 1.181276e+00
##          14          14          14          14          14
## 7.421363e-01 1.629210e+00 3.876419e+00 6.328093e-01 1.017018e+00
##          14          14          14          14          14
## -7.105058e+00 1.850769e+00 9.066541e-01 -2.210934e-02 1.772528e+00
##          14          14          14          14          14
## 9.629670e-01 1.132876e+00 2.778678e+00 -7.133398e-01 1.931448e+00
##          14          14          14          14          14
## 1.821741e+00 1.163486e+00 1.344691e+00 6.016552e-01 7.193883e-01
##          14          14          14          14          14
## -4.085852e-01 2.411518e+00 1.830311e+00 -5.876700e+00 -1.067442e-01
##          14          14          14          14          14
## 1.458421e+00 2.269358e+00 1.553170e+00 -7.105058e+00 6.386690e-01
##          14          14          14          14          14
## -6.658701e+00 2.784249e+00 2.697596e+00 8.646233e-01 1.894335e+00

```

```

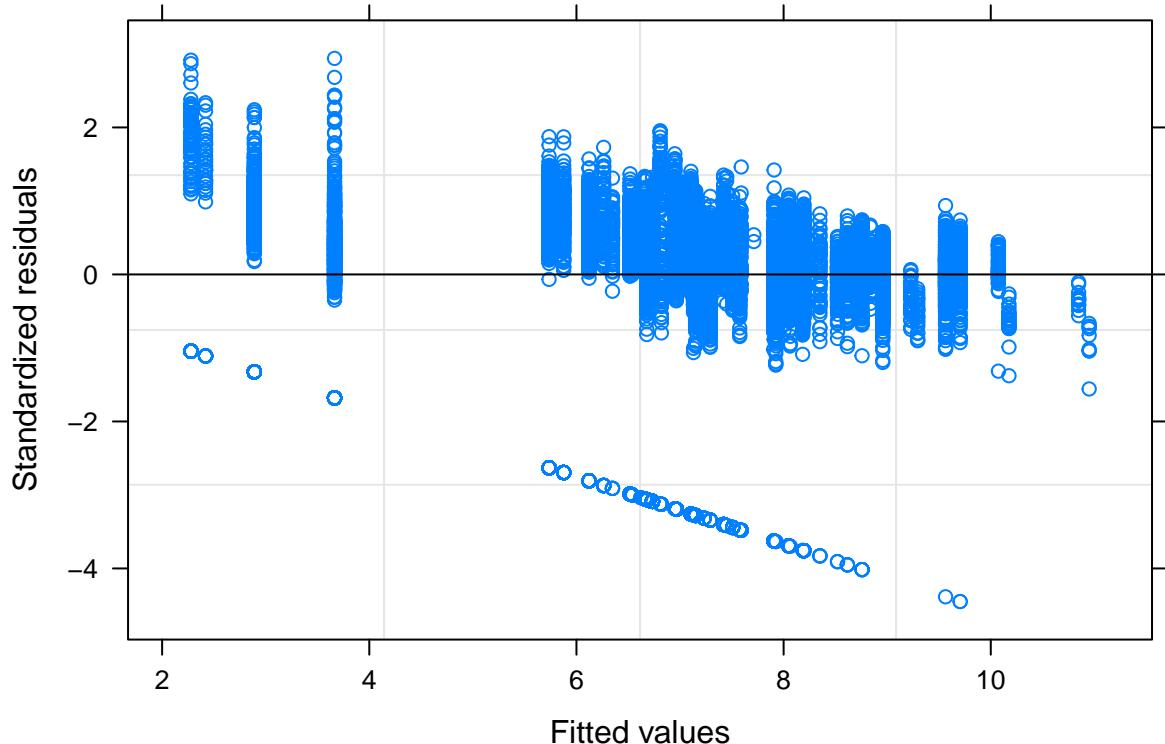
##          14          14          14          14          14
## 6.499185e-01 3.794854e-01 3.208081e-01 -6.352614e-01 1.173627e-01
##          14          14          14          14          14
## 1.296802e+00 -5.876700e+00 -7.105058e+00 2.865361e+00 -2.419079e+00
##          14          14          14          14          14
## 2.037731e+00 -7.300592e-01 4.292274e+00 1.165531e+00 1.291079e+00
##          14          14          14          14          14
## 6.736933e-01 -4.432655e-02 1.870337e+00 1.565070e+00 1.407349e+00
##          14          14          14          14          14
## 1.479278e+00 -6.262500e+00 -7.105058e+00 1.260292e+00 -8.049458e+00
##          14          14          14          14          14
## 1.344691e+00 2.260548e+00 2.862007e-01 2.068572e+00 3.371735e-01
##          14          14          14          14          14
## 1.207439e+00 4.368322e-01 2.558901e-01 1.602655e+00 -2.327931e-01
##          14          14          14          14          14
## 1.178318e+00 6.730009e-01 1.080333e+00 7.876865e-01 1.754768e+00
##          14          14          14          14          14
## 1.557334e+00 1.422833e-02 -5.876700e+00 7.094419e-01 5.199054e-01
##          14          14          14          14          14
## 2.029974e+00 3.114630e+00 6.947057e-01 1.535422e+00 -5.876700e+00
##          14          14          14          14          14
## -2.419079e+00 1.326176e+00 2.309426e-01 3.194262e-01 1.199137e+00
##          14          14          14          14          14
## 9.858057e-01 1.439452e+00 1.668797e+00 8.358781e-01 1.545128e-01
##          14          14          14          14          14
## 5.431836e-01 -7.105058e+00 8.631739e-01 1.432112e+00 -1.794511e-01
##          14          14          14          14          14
## 2.134122e+00 1.392537e+00 2.054067e+00 7.548782e-02 2.773572e-01
##          14          14          14          14          14
## 2.053376e-01 8.256348e-01 1.582655e-01 4.022940e-01 1.946688e+00
##          14          14          14          14          14
## 7.555996e-01 1.870817e+00 6.263924e-01 1.530665e+00 1.495566e+00
##          14          14          14          14          14
## 1.861605e+00 4.123227e-01 1.219024e+00 6.777836e-01 1.309060e+00
##          14          14          14          14          14
## 6.508560e-01 1.088191e+00 1.300520e+00 -9.036866e-01 -1.294695e+00
##          14          14          14          14          14
## 6.435881e-01 1.312511e+00 -2.713990e-01 1.693982e+00 9.581952e-01
##          14          14          14          14          14
## 5.004524e-01 1.221757e+00 2.083623e+00 1.240523e+00 1.063413e+00
##          14          14          14          14          14
## -1.237607e-01 -2.256757e-02 8.852785e-01 8.966573e-01 -5.876700e+00
##          14          14          14          14          14
## 4.943477e-01 1.602550e+00 1.328472e+00 -8.049458e+00 1.177316e+00
##          14          14          14          14          14
## 7.798568e-01 -7.105058e+00 2.217167e+00 1.411537e+00 1.964150e-01
##          14          14          14          14          14
## 6.801749e-01 6.355418e-01 1.371522e+00 1.918924e+00 1.736165e+00
##          14          14          14          14          14
## -2.542055e-01 2.417600e+00 7.498355e-01 4.167532e-01 1.933130e+00
##          14          14          14          14          14
## 3.189079e+00 2.808039e-01 1.694649e+00 1.561427e+00 1.358893e+00
##          14          14          14          14          14
## 1.005556e+00 1.282433e+00 1.520489e+00 -7.105058e+00 -5.876700e+00

```

```

##          14          14          14          14          14          14
## -6.262500e+00 -7.164006e-01 -5.134976e-02  2.561437e+00  1.195079e-01
##          14          14          14          14          14          14
## -8.292486e-02  2.041744e+00  1.723574e+00  1.016510e+00  3.106631e+00
## attr(,"label")
## [1] "Residuals"
par(mfrow = c(2, 2))
plot(LMM1)

```



```
plot(LMM2)
```

