Mirror Modeling Statistical Report

Generated on: 2025-03-30 04:04:07

Table of Contents

1. Statistical Summary

	count	mean	std	min	25%	50%	75%	max	Video
0	17.0	-0.105684	0.018548	-0.136472	-0.127018	-0.100732	-0.095932	-0.076271	v07b88d27
1	17.0	0.025087	0.006769	0.014448	0.020616	0.021936	0.030159	0.040529	v07b88d27
2	17.0	-0.053363	0.031933	-0.117835	-0.063916	-0.055227	-0.031454	0.007385	v07b88d27
3	17.0	0.085838	0.017028	0.060429	0.074878	0.082657	0.099950	0.115240	v07b88d27
4	17.0	0.019315	0.009877	-0.000554	0.011542	0.019301	0.027350	0.035949	v07b88d27
5	17.0	-0.132776	0.029644	-0.173040	-0.154308	-0.132160	-0.114942	-0.087690	v07b88d27
6	17.0	-0.053133	0.036272	-0.115478	-0.097188	-0.031537	-0.026948	-0.024013	v07b88d27
7	17.0	-0.038707	0.013398	-0.059158	-0.047245	-0.040538	-0.033799	-0.012282	v07b88d27
8	17.0	0.067052	0.022884	0.042227	0.049756	0.058952	0.082312	0.109497	v07b88d27
9	17.0	-0.033939	0.018342	-0.065032	-0.047866	-0.030174	-0.020720	-0.006013	v07b88d27
10	17.0	-0.081599	0.019056	-0.112635	-0.095968	-0.083744	-0.064424	-0.050856	v07b88d27
11	17.0	-0.102962	0.019124	-0.133037	-0.116230	-0.105105	-0.090518	-0.071334	v07b88d27
12	17.0	0.061385	0.032334	0.015730	0.036287	0.050762	0.090098	0.110332	v07b88d27
13	17.0	-0.034674	0.023369	-0.077482	-0.046513	-0.031403	-0.020131	-0.003188	v07b88d27

14 17.0 -0.020967 0.022883 -0.067924 -0.028649 -0.018241 -0.007703 0.017309 v07b88d27

15 17.0 0.039787 0.012680 0.011888 0.034268 0.043315 0.047905 0.059910 v07b88d27

16 17.0 0.105879 0.032373 0.076989 0.080087 0.087328 0.150449 0.157607 v07b88d27

17 17.0 0.053341 0.028717 0.006963 0.034754 0.046034 0.068165 0.104602 v07b88d27

18 17.0 -0.093090 0.025864 -0.135029 -0.109456 -0.087662 -0.073076 -0.053751 v07b88d27

19 17.0 0.027491 0.012179 0.001352 0.021137 0.027369 0.033526 0.050861 v07b88d27

20 17.0 0.194372 0.063376 0.096276 0.137420 0.209467 0.243510 0.299041 v07b88d27

21 17.0 -0.047878 0.041613 -0.123540 -0.085446 -0.030713 -0.012445 -0.003244 v07b88d27

22 17.0 0.059304 0.018285 0.026788 0.052154 0.058328 0.077513 0.085355 v07b88d27

23 17.0 0.031464 0.017031 0.003283 0.017931 0.037021 0.046808 0.055032 v07b88d27

24 17.0 0.044314 0.023225 -0.006828 0.023622 0.053627 0.061615 0.066217 v07b88d27

25 17.0 0.061732 0.017647 0.030930 0.048952 0.064214 0.078189 0.094759 v07b88d27

26 17.0 0.019797 0.010505 -0.003060 0.014388 0.020761 0.026516 0.036904 v07b88d27

27 17.0 0.021875 0.014649 -0.003686 0.014784 0.022247 0.034004 0.043875 v07b88d27

28 17.0 0.024624 0.022959 -0.007021 0.008747 0.022723 0.049204 0.062039 v07b88d27

29 17.0 -0.060095 0.009860 -0.082848 -0.065068 -0.060987 -0.054998 -0.043006 v07b88d27

30 17.0 -0.033780 0.017212 -0.063836 -0.044590 -0.034157 -0.020018 -0.004836 v07b88d27

31 17.0 0.163699 0.029972 0.118364 0.139602 0.168968 0.178566 0.216215 v07b88d27

32 17.0 -0.102673 0.045439 -0.175226 -0.158944 -0.081406 -0.071826 -0.049404 v07b88d27

33 17.0 0.017536 0.025224 -0.024434 0.000796 0.017809 0.040325 0.057538 v07b88d27

34 17.0 0.138563 0.035526 0.085559 0.110188 0.133267 0.171750 0.195701 v07b88d27

35 17.0 -0.038221 0.026086 -0.077366 -0.066990 -0.034400 -0.017405 0.007019 v07b88d27

36 17.0 0.109303 0.011209 0.086894 0.103074 0.108562 0.118848 0.125197 v07b88d27

37 17.0 0.015793 0.010088 -0.005491 0.011868 0.017111 0.021611 0.032610 v07b88d27

38 17.0 0.138080 0.041344 0.085680 0.116485 0.126685 0.170069 0.212587 v07b88d27

39 17.0 0.013805 0.027689 -0.028870 -0.013598 0.022052 0.035448 0.053042 v07b88d27

40 17.0 0.007234 0.017934 -0.022740 -0.010888 0.015170 0.019481 0.035166 v07b88d27

41   17.0 0.068380 0.027098 0.018220 0.053285 0.069903 0.089391 0.114537 v07b88d27

42   17.0 -0.040152 0.025709 -0.094379 -0.045481 -0.029206 -0.024557 -0.012920 v07b88d27

43   17.0 0.011026 0.010445 -0.004168 0.003812 0.011468 0.013795 0.034905 v07b88d27

44   17.0 0.071495 0.008274 0.057526 0.064491 0.071480 0.079455 0.085777 v07b88d27

45   17.0 0.008372 0.012938 -0.017874 0.001276 0.007855 0.018308 0.028831 v07b88d27

46   17.0 0.094291 0.021769 0.054954 0.080065 0.090667 0.111602 0.131756 v07b88d27

47   17.0 0.068223 0.022789 0.039583 0.050304 0.060177 0.075574 0.113537 v07b88d27

48   17.0 -0.047374 0.008045 -0.061725 -0.052035 -0.047940 -0.041488 -0.031103 v07b88d27

49   17.0 0.053279 0.022972 0.017124 0.033750 0.052855 0.068913 0.089720 v07b88d27

50   17.0 0.057624 0.028879 0.013172 0.042208 0.053994 0.072776 0.104930 v07b88d27

51   17.0 -0.068394 0.012898 -0.095397 -0.074415 -0.066933 -0.057469 -0.051453 v07b88d27

52   17.0 -0.038543 0.018525 -0.062587 -0.054398 -0.040812 -0.028092 0.007158 v07b88d27

53   17.0 -0.064055 0.016347 -0.089754 -0.077501 -0.066318 -0.054395 -0.031290 v07b88d27

54   17.0 0.053477 0.007640 0.038858 0.048820 0.054617 0.058057 0.064703 v07b88d27

55   17.0 -0.072234 0.020986 -0.110217 -0.078761 -0.068125 -0.063981 -0.040797 v07b88d27

56   17.0 0.041270 0.018502 0.016957 0.019524 0.049763 0.056942 0.062964 v07b88d27

57   17.0 -0.111271 0.039709 -0.173329 -0.135628 -0.097605 -0.078407 -0.049845 v07b88d27

58   17.0 -0.036294 0.036239 -0.098160 -0.078368 -0.013206 -0.009521 -0.007509 v07b88d27

59   17.0 -0.103361 0.019229 -0.146741 -0.105961 -0.098429 -0.093161 -0.079989 v07b88d27

60   17.0 -0.018571 0.023607 -0.047141 -0.034945 -0.025500 0.000222 0.026501 v07b88d27

61   17.0 0.002716 0.012976 -0.017394 -0.005859 0.007738 0.009107 0.023095 v07b88d27

62   17.0 -0.012954 0.015242 -0.045637 -0.023661 -0.007217 -0.000817 0.005807 v07b88d27

63   17.0 -0.043344 0.013199 -0.063117 -0.056334 -0.040211 -0.035198 -0.020575 v07b88d27

64   17.0 0.032239 0.010450 0.016914 0.023733 0.027894 0.042188 0.049386 v07b88d27

65   17.0 -0.001626 0.011857 -0.021330 -0.012230 0.000664 0.009403 0.013401 v07b88d27

66   17.0 -0.084327 0.016386 -0.100779 -0.095756 -0.087393 -0.084114 -0.050311 v07b88d27

67   17.0 0.085420 0.026581 0.044477 0.059309 0.086893 0.103204 0.125700 v07b88d27

```
68   17.0 -0.012901  0.009066 -0.025937 -0.018452 -0.013580 -0.008542  0.004941  v07b88d27

69   17.0  0.048575  0.011158  0.027235  0.045234  0.048023  0.056849  0.068639  v07b88d27

70   17.0 -0.068117  0.015106 -0.089958 -0.081030 -0.070787 -0.054357 -0.047071  v07b88d27

71   17.0  0.012281  0.011157 -0.009013  0.007950  0.012703  0.016418  0.033472  v07b88d27

72   17.0 -0.110197  0.025393 -0.150837 -0.125067 -0.104611 -0.088281 -0.078543  v07b88d27

73   17.0  0.031322  0.020302 -0.008382  0.022126  0.038066  0.048519  0.050618  v07b88d27

74   17.0 -0.085344  0.032905 -0.154301 -0.090239 -0.082973 -0.058178 -0.037048  v07b88d27

75   17.0 -0.078649  0.010015 -0.096645 -0.084935 -0.077776 -0.073140 -0.058051  v07b88d27

76   17.0 -0.046577  0.016803 -0.078075 -0.052946 -0.047120 -0.043914 -0.008594  v07b88d27

77   17.0  0.045075  0.011596  0.026648  0.035119  0.047179  0.053514  0.063797  v07b88d27

78   17.0 -0.000674  0.024226 -0.030879 -0.017301 -0.008438  0.028737  0.038297  v07b88d27

79   17.0  0.052289  0.019370  0.028047  0.039349  0.049680  0.067957  0.087190  v07b88d27

80   17.0  0.000426  0.021886 -0.029567 -0.016045 -0.003233  0.012080  0.042261  v07b88d27

81   17.0  0.021496  0.021689 -0.007751  0.004275  0.016281  0.036157  0.058886  v07b88d27

82   17.0 -0.057851  0.028482 -0.121062 -0.055697 -0.049292 -0.038159 -0.025738  v07b88d27

83   17.0  0.028256  0.040654 -0.007012  0.001726  0.008123  0.052157  0.104789  v07b88d27

84   17.0 -0.003737  0.020984 -0.038798 -0.026751  0.002213  0.013492  0.026427  v07b88d27

85   17.0  0.009439  0.017596 -0.023802 -0.004480  0.012774  0.022131  0.042877  v07b88d27

86   17.0  0.027409  0.020592 -0.010543  0.015472  0.022181  0.036276  0.067516  v07b88d27

87   17.0 -0.035226  0.038838 -0.094443 -0.070708 -0.026034 -0.013259  0.019610  v07b88d27

88   17.0  0.072407  0.030821  0.022244  0.039523  0.078174  0.100635  0.112764  v07b88d27

89   17.0 -0.080020  0.031546 -0.123590 -0.106141 -0.079434 -0.055093 -0.030094  v07b88d27

90   17.0 -0.027045  0.028055 -0.086628 -0.056497 -0.015844 -0.003821  0.001122  v07b88d27

91   17.0 -0.137524  0.035485 -0.197784 -0.160313 -0.127940 -0.107806 -0.084081  v07b88d27

92   17.0  0.043496  0.019605  0.018986  0.026611  0.037083  0.060990  0.083262  v07b88d27

93   17.0 -0.048887  0.009241 -0.062820 -0.057518 -0.048514 -0.040539 -0.036557  v07b88d27

94   17.0  0.058729  0.037011  0.011841  0.034221  0.052205  0.065908  0.130323  v07b88d27
```

```
95   17.0  0.023503  0.012609 -0.002512  0.016687  0.023695  0.030308  0.045375  v07b88d27

96   17.0 -0.026682  0.007418 -0.039623 -0.032853 -0.027896 -0.022350 -0.014642  v07b88d27

97   17.0  0.108039  0.029088  0.056970  0.093626  0.104304  0.119985  0.156057  v07b88d27

98   17.0 -0.104706  0.019373 -0.134746 -0.110928 -0.105025 -0.091652 -0.061702  v07b88d27

99   17.0 -0.077532  0.037142 -0.154328 -0.090466 -0.069132 -0.051082 -0.034561  v07b88d27

100  17.0  0.016989  0.011888 -0.003057  0.007532  0.016106  0.023306  0.036573  v07b88d27

101  17.0  0.026310  0.020753 -0.009873  0.009342  0.025899  0.041020  0.057873  v07b88d27

102  17.0 -0.156123  0.047523 -0.239759 -0.191333 -0.137270 -0.125645 -0.105341  v07b88d27

103  17.0 -0.030915  0.017757 -0.061232 -0.050379 -0.027718 -0.017079 -0.006759  v07b88d27

104  17.0  0.103915  0.027443  0.071826  0.084930  0.097677  0.111513  0.165742  v07b88d27

105  17.0 -0.077076  0.028202 -0.112999 -0.103874 -0.081636 -0.050094 -0.033112  v07b88d27

106  17.0 -0.027430  0.017202 -0.048235 -0.041857 -0.030131 -0.016109  0.007619  v07b88d27

107  17.0 -0.058454  0.019901 -0.092221 -0.068221 -0.060236 -0.047587 -0.025339  v07b88d27

108  17.0  0.000486  0.021051 -0.029937 -0.012344  0.003119  0.019549  0.033969  v07b88d27

109  17.0  0.046369  0.009586  0.033970  0.039180  0.043720  0.053744  0.069466  v07b88d27

110  17.0  0.001396  0.008876 -0.017833 -0.001559  0.003265  0.006815  0.014219  v07b88d27

111  17.0  0.007828  0.017828 -0.030084 -0.003014  0.003534  0.022543  0.036813  v07b88d27

112  17.0  0.039397  0.038277 -0.005229  0.007214  0.021740  0.066786  0.105660  v07b88d27

113  17.0 -0.011608  0.008872 -0.031280 -0.016649 -0.013241 -0.003026 -0.000358  v07b88d27

114  17.0 -0.055648  0.013323 -0.077079 -0.068934 -0.053293 -0.047968 -0.034049  v07b88d27

115  17.0  0.071582  0.007341  0.057843  0.066336  0.069943  0.075092  0.086383  v07b88d27

116  17.0 -0.049508  0.053022 -0.150985 -0.075584 -0.032457 -0.007881 -0.001144  v07b88d27

117  17.0 -0.017462  0.012659 -0.035837 -0.023913 -0.016153 -0.011581  0.016267  v07b88d27

118  17.0 -0.062944  0.030505 -0.114963 -0.082526 -0.053023 -0.047073 -0.012616  v07b88d27

119  17.0  0.002488  0.007379 -0.011164 -0.002273  0.003332  0.006493  0.014201  v07b88d27

120  17.0  0.034149  0.015801  0.004376  0.026411  0.038773  0.046709  0.053030  v07b88d27

121  17.0 -0.101710  0.019010 -0.126513 -0.118826 -0.101307 -0.083757 -0.069695  v07b88d27
```

122	17.0	0.032917	0.012186	0.007762	0.025520	0.034772	0.039410	0.049932	v07b88d27
123	17.0	0.053642	0.016685	0.025496	0.042679	0.052601	0.068386	0.078173	v07b88d27
124	17.0	-0.053408	0.026569	-0.101360	-0.076862	-0.038888	-0.036830	-0.027181	v07b88d27
125	17.0	0.051126	0.028040	0.019196	0.030125	0.038584	0.086333	0.100532	v07b88d27
126	17.0	-0.075532	0.029521	-0.121540	-0.099672	-0.077278	-0.049985	-0.036736	v07b88d27
127	17.0	-0.106780	0.031810	-0.166343	-0.103742	-0.093563	-0.089295	-0.063993	v07b88d27
0	1.0	-0.030737	NaN	-0.030737	-0.030737	-0.030737	-0.030737	-0.030737	v0b4af99d
1	1.0	-0.123218	NaN	-0.123218	-0.123218	-0.123218	-0.123218	-0.123218	v0b4af99d
2	1.0	0.119787	NaN	0.119787	0.119787	0.119787	0.119787	0.119787	v0b4af99d
3	1.0	-0.045483	NaN	-0.045483	-0.045483	-0.045483	-0.045483	-0.045483	v0b4af99d
4	1.0	-0.024069	NaN	-0.024069	-0.024069	-0.024069	-0.024069	-0.024069	v0b4af99d
5	1.0	-0.084768	NaN	-0.084768	-0.084768	-0.084768	-0.084768	-0.084768	v0b4af99d
6	1.0	0.060405	NaN	0.060405	0.060405	0.060405	0.060405	0.060405	v0b4af99d
7	1.0	0.093200	NaN	0.093200	0.093200	0.093200	0.093200	0.093200	v0b4af99d
8	1.0	0.107748	NaN	0.107748	0.107748	0.107748	0.107748	0.107748	v0b4af99d
9	1.0	0.049770	NaN	0.049770	0.049770	0.049770	0.049770	0.049770	v0b4af99d
10	1.0	0.005575	NaN	0.005575	0.005575	0.005575	0.005575	0.005575	v0b4af99d
11	1.0	-0.014927	NaN	-0.014927	-0.014927	-0.014927	-0.014927	-0.014927	v0b4af99d
12	1.0	-0.138183	NaN	-0.138183	-0.138183	-0.138183	-0.138183	-0.138183	v0b4af99d
13	1.0	0.015109	NaN	0.015109	0.015109	0.015109	0.015109	0.015109	v0b4af99d
14	1.0	0.004521	NaN	0.004521	0.004521	0.004521	0.004521	0.004521	v0b4af99d
15	1.0	0.161128	NaN	0.161128	0.161128	0.161128	0.161128	0.161128	v0b4af99d
16	1.0	-0.011566	NaN	-0.011566	-0.011566	-0.011566	-0.011566	-0.011566	v0b4af99d
17	1.0	-0.044616	NaN	-0.044616	-0.044616	-0.044616	-0.044616	-0.044616	v0b4af99d
18	1.0	0.020484	NaN	0.020484	0.020484	0.020484	0.020484	0.020484	v0b4af99d
19	1.0	-0.063238	NaN	-0.063238	-0.063238	-0.063238	-0.063238	-0.063238	v0b4af99d
20	1.0	0.074311	NaN	0.074311	0.074311	0.074311	0.074311	0.074311	v0b4af99d

21	1.0	0.013737	NaN	0.013737	0.013737	0.013737	0.013737	0.013737	v0b4af99d
22	1.0	-0.011858	NaN	-0.011858	-0.011858	-0.011858	-0.011858	-0.011858	v0b4af99d
23	1.0	0.068685	NaN	0.068685	0.068685	0.068685	0.068685	0.068685	v0b4af99d
24	1.0	0.140583	NaN	0.140583	0.140583	0.140583	0.140583	0.140583	v0b4af99d
25	1.0	0.001323	NaN	0.001323	0.001323	0.001323	0.001323	0.001323	v0b4af99d
26	1.0	0.046250	NaN	0.046250	0.046250	0.046250	0.046250	0.046250	v0b4af99d
27	1.0	0.044977	NaN	0.044977	0.044977	0.044977	0.044977	0.044977	v0b4af99d
28	1.0	-0.073331	NaN	-0.073331	-0.073331	-0.073331	-0.073331	-0.073331	v0b4af99d
29	1.0	-0.139568	NaN	-0.139568	-0.139568	-0.139568	-0.139568	-0.139568	v0b4af99d
30	1.0	0.034020	NaN	0.034020	0.034020	0.034020	0.034020	0.034020	v0b4af99d
31	1.0	-0.016719	NaN	-0.016719	-0.016719	-0.016719	-0.016719	-0.016719	v0b4af99d
32	1.0	-0.012802	NaN	-0.012802	-0.012802	-0.012802	-0.012802	-0.012802	v0b4af99d
33	1.0	0.136170	NaN	0.136170	0.136170	0.136170	0.136170	0.136170	v0b4af99d
34	1.0	0.026253	NaN	0.026253	0.026253	0.026253	0.026253	0.026253	v0b4af99d
35	1.0	-0.062162	NaN	-0.062162	-0.062162	-0.062162	-0.062162	-0.062162	v0b4af99d
36	1.0	-0.045540	NaN	-0.045540	-0.045540	-0.045540	-0.045540	-0.045540	v0b4af99d
37	1.0	0.035888	NaN	0.035888	0.035888	0.035888	0.035888	0.035888	v0b4af99d
38	1.0	0.222881	NaN	0.222881	0.222881	0.222881	0.222881	0.222881	v0b4af99d
39	1.0	-0.013419	NaN	-0.013419	-0.013419	-0.013419	-0.013419	-0.013419	v0b4af99d
40	1.0	0.016064	NaN	0.016064	0.016064	0.016064	0.016064	0.016064	v0b4af99d
41	1.0	-0.064899	NaN	-0.064899	-0.064899	-0.064899	-0.064899	-0.064899	v0b4af99d
42	1.0	-0.003815	NaN	-0.003815	-0.003815	-0.003815	-0.003815	-0.003815	v0b4af99d
43	1.0	-0.018583	NaN	-0.018583	-0.018583	-0.018583	-0.018583	-0.018583	v0b4af99d
44	1.0	-0.168716	NaN	-0.168716	-0.168716	-0.168716	-0.168716	-0.168716	v0b4af99d
45	1.0	-0.004745	NaN	-0.004745	-0.004745	-0.004745	-0.004745	-0.004745	v0b4af99d
46	1.0	0.023037	NaN	0.023037	0.023037	0.023037	0.023037	0.023037	v0b4af99d
47	1.0	-0.002407	NaN	-0.002407	-0.002407	-0.002407	-0.002407	-0.002407	v0b4af99d

48	1.0	0.047583	NaN	0.047583	0.047583	0.047583	0.047583	0.047583	v0b4af99d
49	1.0	-0.021086	NaN	-0.021086	-0.021086	-0.021086	-0.021086	-0.021086	v0b4af99d
50	1.0	0.025490	NaN	0.025490	0.025490	0.025490	0.025490	0.025490	v0b4af99d
51	1.0	-0.075321	NaN	-0.075321	-0.075321	-0.075321	-0.075321	-0.075321	v0b4af99d
52	1.0	-0.120265	NaN	-0.120265	-0.120265	-0.120265	-0.120265	-0.120265	v0b4af99d
53	1.0	0.026503	NaN	0.026503	0.026503	0.026503	0.026503	0.026503	v0b4af99d
54	1.0	0.017783	NaN	0.017783	0.017783	0.017783	0.017783	0.017783	v0b4af99d
55	1.0	0.094438	NaN	0.094438	0.094438	0.094438	0.094438	0.094438	v0b4af99d
56	1.0	0.162380	NaN	0.162380	0.162380	0.162380	0.162380	0.162380	v0b4af99d
57	1.0	0.135427	NaN	0.135427	0.135427	0.135427	0.135427	0.135427	v0b4af99d
58	1.0	-0.078676	NaN	-0.078676	-0.078676	-0.078676	-0.078676	-0.078676	v0b4af99d
59	1.0	-0.013415	NaN	-0.013415	-0.013415	-0.013415	-0.013415	-0.013415	v0b4af99d
60	1.0	0.029430	NaN	0.029430	0.029430	0.029430	0.029430	0.029430	v0b4af99d
61	1.0	0.055146	NaN	0.055146	0.055146	0.055146	0.055146	0.055146	v0b4af99d
62	1.0	0.067167	NaN	0.067167	0.067167	0.067167	0.067167	0.067167	v0b4af99d
63	1.0	-0.070860	NaN	-0.070860	-0.070860	-0.070860	-0.070860	-0.070860	v0b4af99d
64	1.0	-0.060861	NaN	-0.060861	-0.060861	-0.060861	-0.060861	-0.060861	v0b4af99d
65	1.0	-0.053908	NaN	-0.053908	-0.053908	-0.053908	-0.053908	-0.053908	v0b4af99d
66	1.0	-0.050526	NaN	-0.050526	-0.050526	-0.050526	-0.050526	-0.050526	v0b4af99d
67	1.0	-0.078183	NaN	-0.078183	-0.078183	-0.078183	-0.078183	-0.078183	v0b4af99d
68	1.0	-0.024030	NaN	-0.024030	-0.024030	-0.024030	-0.024030	-0.024030	v0b4af99d
69	1.0	-0.061914	NaN	-0.061914	-0.061914	-0.061914	-0.061914	-0.061914	v0b4af99d
70	1.0	0.044038	NaN	0.044038	0.044038	0.044038	0.044038	0.044038	v0b4af99d
71	1.0	0.120720	NaN	0.120720	0.120720	0.120720	0.120720	0.120720	v0b4af99d
72	1.0	-0.079093	NaN	-0.079093	-0.079093	-0.079093	-0.079093	-0.079093	v0b4af99d
73	1.0	0.108208	NaN	0.108208	0.108208	0.108208	0.108208	0.108208	v0b4af99d
74	1.0	-0.170761	NaN	-0.170761	-0.170761	-0.170761	-0.170761	-0.170761	v0b4af99d

75	1.0	0.121250	NaN	0.121250	0.121250	0.121250	0.121250	0.121250	v0b4af99d
76	1.0	-0.186029	NaN	-0.186029	-0.186029	-0.186029	-0.186029	-0.186029	v0b4af99d
77	1.0	-0.051707	NaN	-0.051707	-0.051707	-0.051707	-0.051707	-0.051707	v0b4af99d
78	1.0	-0.004614	NaN	-0.004614	-0.004614	-0.004614	-0.004614	-0.004614	v0b4af99d
79	1.0	0.088571	NaN	0.088571	0.088571	0.088571	0.088571	0.088571	v0b4af99d
80	1.0	0.099980	NaN	0.099980	0.099980	0.099980	0.099980	0.099980	v0b4af99d
81	1.0	-0.019672	NaN	-0.019672	-0.019672	-0.019672	-0.019672	-0.019672	v0b4af99d
82	1.0	-0.142027	NaN	-0.142027	-0.142027	-0.142027	-0.142027	-0.142027	v0b4af99d
83	1.0	-0.096922	NaN	-0.096922	-0.096922	-0.096922	-0.096922	-0.096922	v0b4af99d
84	1.0	-0.102348	NaN	-0.102348	-0.102348	-0.102348	-0.102348	-0.102348	v0b4af99d
85	1.0	0.056516	NaN	0.056516	0.056516	0.056516	0.056516	0.056516	v0b4af99d
86	1.0	-0.055719	NaN	-0.055719	-0.055719	-0.055719	-0.055719	-0.055719	v0b4af99d
87	1.0	-0.027177	NaN	-0.027177	-0.027177	-0.027177	-0.027177	-0.027177	v0b4af99d
88	1.0	-0.009242	NaN	-0.009242	-0.009242	-0.009242	-0.009242	-0.009242	v0b4af99d
89	1.0	-0.039777	NaN	-0.039777	-0.039777	-0.039777	-0.039777	-0.039777	v0b4af99d
90	1.0	-0.064979	NaN	-0.064979	-0.064979	-0.064979	-0.064979	-0.064979	v0b4af99d
91	1.0	0.016838	NaN	0.016838	0.016838	0.016838	0.016838	0.016838	v0b4af99d
92	1.0	-0.025149	NaN	-0.025149	-0.025149	-0.025149	-0.025149	-0.025149	v0b4af99d
93	1.0	0.053547	NaN	0.053547	0.053547	0.053547	0.053547	0.053547	v0b4af99d
94	1.0	-0.060716	NaN	-0.060716	-0.060716	-0.060716	-0.060716	-0.060716	v0b4af99d
95	1.0	-0.068108	NaN	-0.068108	-0.068108	-0.068108	-0.068108	-0.068108	v0b4af99d
96	1.0	-0.079424	NaN	-0.079424	-0.079424	-0.079424	-0.079424	-0.079424	v0b4af99d
97	1.0	0.159751	NaN	0.159751	0.159751	0.159751	0.159751	0.159751	v0b4af99d
98	1.0	0.048971	NaN	0.048971	0.048971	0.048971	0.048971	0.048971	v0b4af99d
99	1.0	0.016695	NaN	0.016695	0.016695	0.016695	0.016695	0.016695	v0b4af99d
100	1.0	0.094894	NaN	0.094894	0.094894	0.094894	0.094894	0.094894	v0b4af99d
101	1.0	0.111316	NaN	0.111316	0.111316	0.111316	0.111316	0.111316	v0b4af99d

102	1.0 -0.082408	NaN -0.082408 -0.082408 -0.082408 -0.082408 -0.082408 v0b4af99d
103	1.0 -0.128405	NaN -0.128405 -0.128405 -0.128405 -0.128405 -0.128405 v0b4af99d
104	1.0 0.095237	NaN 0.095237 0.095237 0.095237 0.095237 0.095237 v0b4af99d
105	1.0 -0.025803	NaN -0.025803 -0.025803 -0.025803 -0.025803 -0.025803 v0b4af99d
106	1.0 -0.020041	NaN -0.020041 -0.020041 -0.020041 -0.020041 -0.020041 v0b4af99d
107	1.0 0.047250	NaN 0.047250 0.047250 0.047250 0.047250 0.047250 v0b4af99d
108	1.0 0.057219	NaN 0.057219 0.057219 0.057219 0.057219 0.057219 v0b4af99d
109	1.0 0.081747	NaN 0.081747 0.081747 0.081747 0.081747 0.081747 v0b4af99d
110	1.0 -0.048421	NaN -0.048421 -0.048421 -0.048421 -0.048421 -0.048421 v0b4af99d
111	1.0 -0.046071	NaN -0.046071 -0.046071 -0.046071 -0.046071 -0.046071 v0b4af99d
112	1.0 -0.002347	NaN -0.002347 -0.002347 -0.002347 -0.002347 -0.002347 v0b4af99d
113	1.0 0.010220	NaN 0.010220 0.010220 0.010220 0.010220 0.010220 v0b4af99d
114	1.0 -0.016981	NaN -0.016981 -0.016981 -0.016981 -0.016981 -0.016981 v0b4af99d
115	1.0 -0.035073	NaN -0.035073 -0.035073 -0.035073 -0.035073 -0.035073 v0b4af99d
116	1.0 -0.096182	NaN -0.096182 -0.096182 -0.096182 -0.096182 -0.096182 v0b4af99d
117	1.0 0.046655	NaN 0.046655 0.046655 0.046655 0.046655 0.046655 v0b4af99d
118	1.0 -0.067292	NaN -0.067292 -0.067292 -0.067292 -0.067292 -0.067292 v0b4af99d
119	1.0 0.034897	NaN 0.034897 0.034897 0.034897 0.034897 0.034897 v0b4af99d
120	1.0 -0.007774	NaN -0.007774 -0.007774 -0.007774 -0.007774 -0.007774 v0b4af99d
121	1.0 0.104830	NaN 0.104830 0.104830 0.104830 0.104830 0.104830 v0b4af99d
122	1.0 -0.014606	NaN -0.014606 -0.014606 -0.014606 -0.014606 -0.014606 v0b4af99d
123	1.0 -0.059886	NaN -0.059886 -0.059886 -0.059886 -0.059886 -0.059886 v0b4af99d
124	1.0 -0.059037	NaN -0.059037 -0.059037 -0.059037 -0.059037 -0.059037 v0b4af99d
125	1.0 -0.082478	NaN -0.082478 -0.082478 -0.082478 -0.082478 -0.082478 v0b4af99d
126	1.0 -0.038827	NaN -0.038827 -0.038827 -0.038827 -0.038827 -0.038827 v0b4af99d
127	1.0 0.024780	NaN 0.024780 0.024780 0.024780 0.024780 0.024780 v0b4af99d
0	17.0 -0.010928 0.040667 -0.064878 -0.054061 0.000244 0.026172 0.040029 v24bae30a

1   17.0 -0.002796 0.015366 -0.032119 -0.010387 -0.004953 0.008410 0.027259 v24bae30a

2   17.0 0.185453 0.060179 0.115534 0.124701 0.179625 0.245209 0.264986 v24bae30a

3   17.0 -0.029391 0.034301 -0.074237 -0.056543 -0.050292 -0.001224 0.026897 v24bae30a

4   17.0 0.028268 0.014259 0.006245 0.013653 0.031747 0.040481 0.049078 v24bae30a

5   17.0 0.021884 0.014294 -0.008104 0.015185 0.018552 0.033011 0.046019 v24bae30a

6   17.0 -0.038115 0.041909 -0.091512 -0.083662 -0.032969 0.004442 0.007824 v24bae30a

7   17.0 -0.065781 0.031472 -0.133004 -0.081312 -0.063573 -0.044263 -0.026233 v24bae30a

8   17.0 -0.017124 0.037655 -0.067430 -0.048328 -0.025947 0.024474 0.032363 v24bae30a

9   17.0 0.148945 0.079479 0.042928 0.066081 0.183995 0.224887 0.233342 v24bae30a

10   17.0 -0.060575 0.030233 -0.101482 -0.087077 -0.063669 -0.035059 -0.013298 v24bae30a

11   17.0 -0.059054 0.009478 -0.075694 -0.064234 -0.059542 -0.052733 -0.045301 v24bae30a

12   17.0 0.231368 0.087774 0.122587 0.140654 0.252840 0.317673 0.335835 v24bae30a

13   17.0 -0.178872 0.061316 -0.249124 -0.237561 -0.192151 -0.115538 -0.101774 v24bae30a

14   17.0 0.070361 0.055607 -0.006624 0.027643 0.055042 0.124992 0.141433 v24bae30a

15   17.0 0.001813 0.016745 -0.050304 -0.005768 0.004652 0.013030 0.023578 v24bae30a

16   17.0 -0.083497 0.071881 -0.171699 -0.158126 -0.083819 -0.013999 0.014923 v24bae30a

17   17.0 -0.023673 0.016418 -0.050123 -0.039771 -0.018011 -0.010666 -0.002033 v24bae30a

18   17.0 0.106507 0.051395 0.039960 0.058468 0.126569 0.152550 0.170006 v24bae30a

19   17.0 0.047217 0.043910 -0.002800 0.002501 0.033943 0.095376 0.099601 v24bae30a

20   17.0 -0.011217 0.016480 -0.048512 -0.017980 -0.013650 0.002392 0.014552 v24bae30a

21   17.0 -0.076201 0.031309 -0.126735 -0.103547 -0.080843 -0.048540 -0.030975 v24bae30a

22   17.0 -0.089222 0.032321 -0.141926 -0.106620 -0.097543 -0.065968 -0.038598 v24bae30a

23   17.0 0.160709 0.072428 0.067627 0.087784 0.186800 0.231540 0.244306 v24bae30a

24   17.0 0.081974 0.040552 0.025425 0.045294 0.085509 0.124956 0.135403 v24bae30a

25   17.0 -0.005140 0.030525 -0.051669 -0.029784 -0.007960 0.021800 0.038354 v24bae30a

26   17.0 -0.007773 0.014654 -0.041613 -0.013261 -0.008614 0.003362 0.009299 v24bae30a

27   17.0 0.185103 0.055728 0.116150 0.141163 0.147364 0.248588 0.256843 v24bae30a

```
28   17.0  0.086502  0.060407  0.003025  0.028375  0.074361  0.151358  0.162520  v24bae30a

29   17.0  0.027185  0.023168 -0.024835  0.020150  0.030357  0.042012  0.058049  v24bae30a

30   17.0  0.041057  0.044438 -0.023054  0.008042  0.033324  0.085086  0.096934  v24bae30a

31   17.0 -0.214888  0.075925 -0.311225 -0.298567 -0.179179 -0.143552 -0.129838  v24bae30a

32   17.0 -0.008666  0.015111 -0.032736 -0.019067 -0.007867  0.000465  0.014836  v24bae30a

33   17.0 -0.204984  0.062006 -0.269270 -0.263942 -0.239203 -0.135908 -0.124707  v24bae30a

34   17.0  0.134581  0.042003  0.081502  0.087725  0.148067  0.172284  0.185489  v24bae30a

35   17.0  0.184075  0.061878  0.105295  0.117196  0.201457  0.243694  0.251595  v24bae30a

36   17.0  0.206870  0.076938  0.108645  0.125735  0.210914  0.279904  0.302639  v24bae30a

37   17.0  0.223481  0.081090  0.129146  0.147444  0.206443  0.310612  0.320147  v24bae30a

38   17.0 -0.053851  0.019893 -0.087594 -0.064866 -0.047312 -0.040955 -0.026834  v24bae30a

39   17.0 -0.186596  0.083831 -0.281176 -0.258054 -0.234669 -0.098230 -0.071185  v24bae30a

40   17.0 -0.008875  0.021510 -0.038004 -0.025925 -0.015781  0.008519  0.026635  v24bae30a

41   17.0  0.023518  0.010048  0.004610  0.016794  0.023075  0.029700  0.043446  v24bae30a

42   17.0 -0.043018  0.012681 -0.063383 -0.048351 -0.046742 -0.036503 -0.014818  v24bae30a

43   17.0  0.045338  0.025142  0.015911  0.020933  0.042884  0.070038  0.084136  v24bae30a

44   17.0  0.038918  0.020752  0.002052  0.022488  0.034316  0.056582  0.071262  v24bae30a

45   17.0  0.183331  0.056641  0.109455  0.132598  0.171464  0.239154  0.251496  v24bae30a

46   17.0  0.069344  0.018323  0.039595  0.053183  0.069449  0.088926  0.092937  v24bae30a

47   17.0 -0.037899  0.016814 -0.061322 -0.050434 -0.041166 -0.024229 -0.005898  v24bae30a

48   17.0  0.041908  0.027153  0.004115  0.015501  0.053816  0.068437  0.073585  v24bae30a

49   17.0 -0.056702  0.026923 -0.096993 -0.082441 -0.049610 -0.038293 -0.010734  v24bae30a

50   17.0  0.040446  0.008184  0.026992  0.033997  0.042549  0.044122  0.056039  v24bae30a

51   17.0  0.019602  0.025876 -0.020657 -0.007499  0.031033  0.043282  0.048996  v24bae30a

52   17.0  0.182474  0.106339  0.066550  0.080945  0.169375  0.294670  0.320503  v24bae30a

53   17.0  0.153430  0.039990  0.104411  0.116572  0.133852  0.193854  0.211807  v24bae30a

54   17.0 -0.007534  0.013804 -0.024372 -0.018514 -0.007464 -0.003629  0.024539  v24bae30a
```

```
55   17.0 -0.126142  0.073914 -0.219317 -0.205629 -0.112825 -0.051987 -0.037607  v24bae30a

56   17.0 -0.069544  0.023253 -0.102418 -0.093022 -0.062800 -0.047804 -0.039931  v24bae30a

57   17.0 -0.019550  0.010623 -0.043202 -0.027186 -0.015789 -0.010829 -0.004963  v24bae30a

58   17.0 -0.205512  0.088346 -0.317960 -0.291294 -0.205317 -0.113278 -0.097460  v24bae30a

59   17.0  0.049157  0.031052  0.007890  0.020850  0.063148  0.076740  0.091501  v24bae30a

60   17.0  0.171299  0.051876  0.104970  0.120814  0.162800  0.222674  0.245135  v24bae30a

61   17.0  0.175535  0.064090  0.087019  0.111773  0.170038  0.239110  0.257933  v24bae30a

62   17.0 -0.044387  0.028831 -0.078992 -0.067556 -0.050485 -0.038575  0.010334  v24bae30a

63   17.0  0.148825  0.081674  0.048901  0.070909  0.129184  0.235911  0.251501  v24bae30a

64   17.0  0.151610  0.049485  0.084740  0.108888  0.144507  0.205230  0.213879  v24bae30a

65   17.0 -0.023784  0.014423 -0.045284 -0.038050 -0.018855 -0.012942 -0.002687  v24bae30a

66   17.0 -0.025628  0.029918 -0.067284 -0.059523 -0.013589  0.001024  0.014110  v24bae30a

67   17.0 -0.100502  0.033410 -0.148938 -0.134549 -0.098674 -0.078182 -0.051598  v24bae30a

68   17.0 -0.046182  0.007843 -0.060553 -0.050669 -0.047189 -0.040748 -0.030619  v24bae30a

69   17.0 -0.057772  0.015156 -0.074879 -0.068091 -0.062669 -0.042522 -0.035258  v24bae30a

70   17.0  0.006336  0.012754 -0.021220 -0.000673  0.008115  0.012187  0.028641  v24bae30a

71   17.0 -0.013444  0.017613 -0.036896 -0.026095 -0.018276  0.005080  0.018437  v24bae30a

72   17.0  0.024534  0.038004 -0.036631 -0.008327  0.041200  0.053163  0.075977  v24bae30a

73   17.0  0.083841  0.016205  0.054514  0.070970  0.089648  0.096092  0.106855  v24bae30a

74   17.0  0.121139  0.058444  0.048561  0.065037  0.121150  0.183877  0.190448  v24bae30a

75   17.0  0.131930  0.064081  0.062562  0.069352  0.121420  0.199363  0.210165  v24bae30a

76   17.0 -0.001675  0.009786 -0.015667 -0.007669 -0.003982  0.006901  0.013677  v24bae30a

77   17.0 -0.301203  0.137530 -0.469894 -0.449395 -0.263333 -0.166806 -0.154858  v24bae30a

78   17.0  0.009355  0.016427 -0.017143 -0.002509  0.006951  0.018297  0.040250  v24bae30a

79   17.0 -0.121426  0.069771 -0.194558 -0.185862 -0.164381 -0.043090 -0.029401  v24bae30a

80   17.0 -0.162833  0.046022 -0.219641 -0.209364 -0.159763 -0.122123 -0.098729  v24bae30a

81   17.0  0.069172  0.014274  0.039318  0.059664  0.070867  0.080314  0.094968  v24bae30a
```

```
82   17.0  0.082634  0.033144  0.034678  0.057603  0.070884  0.109106  0.129739  v24bae30a

83   17.0  0.133892  0.030335  0.093241  0.106804  0.137354  0.154804  0.180772  v24bae30a

84   17.0  0.088690  0.012250  0.069380  0.081198  0.086395  0.092772  0.110475  v24bae30a

85   17.0 -0.113915  0.082712 -0.205384 -0.193857 -0.137225 -0.015015 -0.009863  v24bae30a

86   17.0 -0.002751  0.014775 -0.030294 -0.013174 -0.002709  0.007172  0.021829  v24bae30a

87   17.0  0.142084  0.054993  0.070241  0.091158  0.143557  0.199327  0.209382  v24bae30a

88   17.0  0.081175  0.018328  0.056782  0.064684  0.078602  0.096551  0.110789  v24bae30a

89   17.0 -0.121274  0.054618 -0.195682 -0.174959 -0.112622 -0.068812 -0.048144  v24bae30a

90   17.0  0.007059  0.005952 -0.003016  0.003309  0.006342  0.010775  0.018093  v24bae30a

91   17.0 -0.114660  0.035785 -0.175345 -0.144099 -0.124141 -0.081939 -0.069057  v24bae30a

92   17.0  0.176473  0.080387  0.070777  0.090063  0.224558  0.238584  0.269638  v24bae30a

93   17.0 -0.035799  0.015373 -0.065263 -0.046223 -0.038057 -0.023201 -0.013068  v24bae30a

94   17.0  0.012614  0.019064 -0.033263  0.003566  0.010142  0.030365  0.040195  v24bae30a

95   17.0 -0.155261  0.055568 -0.218794 -0.211986 -0.150655 -0.102426 -0.080008  v24bae30a

96   17.0 -0.069860  0.030615 -0.108581 -0.099758 -0.063727 -0.049640 -0.022824  v24bae30a

97   17.0 -0.125767  0.065214 -0.204744 -0.192818 -0.126028 -0.061231 -0.042416  v24bae30a

98   17.0 -0.155118  0.046915 -0.221212 -0.197374 -0.176105 -0.104514 -0.098606  v24bae30a

99   17.0 -0.011886  0.013871 -0.038191 -0.024282 -0.008250 -0.001673  0.013441  v24bae30a

100  17.0 -0.056691  0.016318 -0.076172 -0.068524 -0.062789 -0.047258 -0.026076  v24bae30a

101  17.0 -0.050647  0.034772 -0.094535 -0.079030 -0.068610 -0.014642 -0.001643  v24bae30a

102  17.0 -0.057771  0.048281 -0.121187 -0.104756 -0.042984 -0.009557 -0.002594  v24bae30a

103  17.0  0.113200  0.023288  0.080750  0.092452  0.109601  0.136594  0.148672  v24bae30a

104  17.0  0.207180  0.066331  0.133775  0.147880  0.186105  0.267462  0.301299  v24bae30a

105  17.0 -0.109208  0.018959 -0.139886 -0.128526 -0.105788 -0.090922 -0.088668  v24bae30a

106  17.0 -0.036431  0.017272 -0.060677 -0.052097 -0.034610 -0.021706 -0.004522  v24bae30a

107  17.0 -0.042581  0.016795 -0.066484 -0.057364 -0.045048 -0.028786 -0.008561  v24bae30a

108  17.0  0.026954  0.030016 -0.016890 -0.001971  0.040355  0.054001  0.063504  v24bae30a
```

109	17.0	-0.105437	0.023755	-0.144767	-0.118380	-0.109115	-0.082671	-0.071544	v24bae30a
110	17.0	-0.111601	0.029505	-0.168022	-0.132434	-0.108536	-0.089145	-0.071693	v24bae30a
111	17.0	-0.094842	0.047405	-0.149410	-0.133217	-0.128169	-0.043080	-0.025982	v24bae30a
112	17.0	0.080524	0.020859	0.047442	0.059708	0.087372	0.099061	0.109520	v24bae30a
113	17.0	-0.066163	0.041547	-0.124256	-0.106519	-0.065433	-0.030186	-0.004612	v24bae30a
114	17.0	0.029049	0.011475	0.008781	0.022296	0.029935	0.035373	0.051173	v24bae30a
115	17.0	0.060817	0.054514	-0.015235	0.001688	0.091797	0.105150	0.132076	v24bae30a
116	17.0	0.013550	0.008715	0.002299	0.006386	0.012375	0.017316	0.030512	v24bae30a
117	17.0	0.086597	0.041558	0.031874	0.045071	0.109234	0.124468	0.133565	v24bae30a
118	17.0	0.090845	0.064085	0.013924	0.025047	0.072051	0.156569	0.173540	v24bae30a
119	17.0	0.041328	0.013790	0.011888	0.034085	0.042450	0.049528	0.072072	v24bae30a
120	17.0	0.090276	0.014215	0.068962	0.077745	0.089823	0.103261	0.112578	v24bae30a
121	17.0	-0.037977	0.015031	-0.062359	-0.049831	-0.038310	-0.030880	-0.007079	v24bae30a
122	17.0	0.006146	0.011242	-0.013594	-0.000202	0.008874	0.013879	0.020961	v24bae30a
123	17.0	-0.131434	0.040919	-0.197757	-0.163559	-0.135013	-0.089304	-0.080807	v24bae30a
124	17.0	-0.133526	0.051947	-0.202505	-0.190831	-0.109012	-0.095206	-0.074600	v24bae30a
125	17.0	0.165925	0.050245	0.102767	0.118179	0.179995	0.211604	0.231942	v24bae30a
126	17.0	0.052641	0.013409	0.032451	0.046411	0.050209	0.061551	0.083054	v24bae30a
127	17.0	0.012259	0.016464	-0.021100	0.007919	0.016271	0.020374	0.035496	v24bae30a
0	1.0	0.032437	NaN	0.032437	0.032437	0.032437	0.032437	0.032437	v27abd7bb
1	1.0	-0.115800	NaN	-0.115800	-0.115800	-0.115800	-0.115800	-0.115800	v27abd7bb
2	1.0	0.002581	NaN	0.002581	0.002581	0.002581	0.002581	0.002581	v27abd7bb
3	1.0	-0.025553	NaN	-0.025553	-0.025553	-0.025553	-0.025553	-0.025553	v27abd7bb
4	1.0	0.031785	NaN	0.031785	0.031785	0.031785	0.031785	0.031785	v27abd7bb
5	1.0	0.093307	NaN	0.093307	0.093307	0.093307	0.093307	0.093307	v27abd7bb
6	1.0	0.054219	NaN	0.054219	0.054219	0.054219	0.054219	0.054219	v27abd7bb
7	1.0	-0.014901	NaN	-0.014901	-0.014901	-0.014901	-0.014901	-0.014901	v27abd7bb

8	1.0 0.038666	NaN 0.038666 0.038666 0.038666 0.038666 0.038666 v27abd7bb
9	1.0 0.098237	NaN 0.098237 0.098237 0.098237 0.098237 0.098237 v27abd7bb
10	1.0 -0.100335	NaN -0.100335 -0.100335 -0.100335 -0.100335 -0.100335 v27abd7bb
11	1.0 -0.058886	NaN -0.058886 -0.058886 -0.058886 -0.058886 -0.058886 v27abd7bb
12	1.0 -0.018021	NaN -0.018021 -0.018021 -0.018021 -0.018021 -0.018021 v27abd7bb
13	1.0 -0.028764	NaN -0.028764 -0.028764 -0.028764 -0.028764 -0.028764 v27abd7bb
14	1.0 -0.016956	NaN -0.016956 -0.016956 -0.016956 -0.016956 -0.016956 v27abd7bb
15	1.0 0.073014	NaN 0.073014 0.073014 0.073014 0.073014 0.073014 v27abd7bb
16	1.0 -0.045869	NaN -0.045869 -0.045869 -0.045869 -0.045869 -0.045869 v27abd7bb
17	1.0 -0.134126	NaN -0.134126 -0.134126 -0.134126 -0.134126 -0.134126 v27abd7bb
18	1.0 0.082277	NaN 0.082277 0.082277 0.082277 0.082277 0.082277 v27abd7bb
19	1.0 0.031867	NaN 0.031867 0.031867 0.031867 0.031867 0.031867 v27abd7bb
20	1.0 -0.034212	NaN -0.034212 -0.034212 -0.034212 -0.034212 -0.034212 v27abd7bb
21	1.0 -0.070928	NaN -0.070928 -0.070928 -0.070928 -0.070928 -0.070928 v27abd7bb
22	1.0 0.019100	NaN 0.019100 0.019100 0.019100 0.019100 0.019100 v27abd7bb
23	1.0 -0.029828	NaN -0.029828 -0.029828 -0.029828 -0.029828 -0.029828 v27abd7bb
24	1.0 0.198217	NaN 0.198217 0.198217 0.198217 0.198217 0.198217 v27abd7bb
25	1.0 -0.149766	NaN -0.149766 -0.149766 -0.149766 -0.149766 -0.149766 v27abd7bb
26	1.0 -0.058416	NaN -0.058416 -0.058416 -0.058416 -0.058416 -0.058416 v27abd7bb
27	1.0 -0.118616	NaN -0.118616 -0.118616 -0.118616 -0.118616 -0.118616 v27abd7bb
28	1.0 -0.054299	NaN -0.054299 -0.054299 -0.054299 -0.054299 -0.054299 v27abd7bb
29	1.0 -0.057690	NaN -0.057690 -0.057690 -0.057690 -0.057690 -0.057690 v27abd7bb
30	1.0 0.021345	NaN 0.021345 0.021345 0.021345 0.021345 0.021345 v27abd7bb
31	1.0 -0.050097	NaN -0.050097 -0.050097 -0.050097 -0.050097 -0.050097 v27abd7bb
32	1.0 -0.055597	NaN -0.055597 -0.055597 -0.055597 -0.055597 -0.055597 v27abd7bb
33	1.0 -0.064418	NaN -0.064418 -0.064418 -0.064418 -0.064418 -0.064418 v27abd7bb
34	1.0 0.030498	NaN 0.030498 0.030498 0.030498 0.030498 0.030498 v27abd7bb

35	1.0 0.042103	NaN	0.042103	0.042103	0.042103	0.042103	0.042103	v27abd7bb
36	1.0 -0.059981	NaN	-0.059981	-0.059981	-0.059981	-0.059981	-0.059981	v27abd7bb
37	1.0 -0.044607	NaN	-0.044607	-0.044607	-0.044607	-0.044607	-0.044607	v27abd7bb
38	1.0 -0.129230	NaN	-0.129230	-0.129230	-0.129230	-0.129230	-0.129230	v27abd7bb
39	1.0 0.030469	NaN	0.030469	0.030469	0.030469	0.030469	0.030469	v27abd7bb
40	1.0 -0.023878	NaN	-0.023878	-0.023878	-0.023878	-0.023878	-0.023878	v27abd7bb
41	1.0 -0.153461	NaN	-0.153461	-0.153461	-0.153461	-0.153461	-0.153461	v27abd7bb
42	1.0 -0.021694	NaN	-0.021694	-0.021694	-0.021694	-0.021694	-0.021694	v27abd7bb
43	1.0 0.030080	NaN	0.030080	0.030080	0.030080	0.030080	0.030080	v27abd7bb
44	1.0 -0.157409	NaN	-0.157409	-0.157409	-0.157409	-0.157409	-0.157409	v27abd7bb
45	1.0 -0.030814	NaN	-0.030814	-0.030814	-0.030814	-0.030814	-0.030814	v27abd7bb
46	1.0 -0.029775	NaN	-0.029775	-0.029775	-0.029775	-0.029775	-0.029775	v27abd7bb
47	1.0 -0.053588	NaN	-0.053588	-0.053588	-0.053588	-0.053588	-0.053588	v27abd7bb
48	1.0 -0.063952	NaN	-0.063952	-0.063952	-0.063952	-0.063952	-0.063952	v27abd7bb
49	1.0 -0.010999	NaN	-0.010999	-0.010999	-0.010999	-0.010999	-0.010999	v27abd7bb
50	1.0 -0.008830	NaN	-0.008830	-0.008830	-0.008830	-0.008830	-0.008830	v27abd7bb
51	1.0 0.033388	NaN	0.033388	0.033388	0.033388	0.033388	0.033388	v27abd7bb
52	1.0 0.004785	NaN	0.004785	0.004785	0.004785	0.004785	0.004785	v27abd7bb
53	1.0 -0.030834	NaN	-0.030834	-0.030834	-0.030834	-0.030834	-0.030834	v27abd7bb
54	1.0 -0.003977	NaN	-0.003977	-0.003977	-0.003977	-0.003977	-0.003977	v27abd7bb
55	1.0 -0.010731	NaN	-0.010731	-0.010731	-0.010731	-0.010731	-0.010731	v27abd7bb
56	1.0 -0.039856	NaN	-0.039856	-0.039856	-0.039856	-0.039856	-0.039856	v27abd7bb
57	1.0 -0.024708	NaN	-0.024708	-0.024708	-0.024708	-0.024708	-0.024708	v27abd7bb
58	1.0 0.055018	NaN	0.055018	0.055018	0.055018	0.055018	0.055018	v27abd7bb
59	1.0 -0.026054	NaN	-0.026054	-0.026054	-0.026054	-0.026054	-0.026054	v27abd7bb
60	1.0 -0.010592	NaN	-0.010592	-0.010592	-0.010592	-0.010592	-0.010592	v27abd7bb
61	1.0 0.002446	NaN	0.002446	0.002446	0.002446	0.002446	0.002446	v27abd7bb

62	1.0	0.020443	NaN	0.020443	0.020443	0.020443	0.020443	0.020443	v27abd7bb
63	1.0	0.028771	NaN	0.028771	0.028771	0.028771	0.028771	0.028771	v27abd7bb
64	1.0	-0.167275	NaN	-0.167275	-0.167275	-0.167275	-0.167275	-0.167275	v27abd7bb
65	1.0	-0.048605	NaN	-0.048605	-0.048605	-0.048605	-0.048605	-0.048605	v27abd7bb
66	1.0	0.072184	NaN	0.072184	0.072184	0.072184	0.072184	0.072184	v27abd7bb
67	1.0	0.077957	NaN	0.077957	0.077957	0.077957	0.077957	0.077957	v27abd7bb
68	1.0	0.017862	NaN	0.017862	0.017862	0.017862	0.017862	0.017862	v27abd7bb
69	1.0	-0.043055	NaN	-0.043055	-0.043055	-0.043055	-0.043055	-0.043055	v27abd7bb
70	1.0	0.000651	NaN	0.000651	0.000651	0.000651	0.000651	0.000651	v27abd7bb
71	1.0	-0.013559	NaN	-0.013559	-0.013559	-0.013559	-0.013559	-0.013559	v27abd7bb
72	1.0	0.138725	NaN	0.138725	0.138725	0.138725	0.138725	0.138725	v27abd7bb
73	1.0	-0.081596	NaN	-0.081596	-0.081596	-0.081596	-0.081596	-0.081596	v27abd7bb
74	1.0	0.114320	NaN	0.114320	0.114320	0.114320	0.114320	0.114320	v27abd7bb
75	1.0	0.042047	NaN	0.042047	0.042047	0.042047	0.042047	0.042047	v27abd7bb
76	1.0	-0.152395	NaN	-0.152395	-0.152395	-0.152395	-0.152395	-0.152395	v27abd7bb
77	1.0	-0.034100	NaN	-0.034100	-0.034100	-0.034100	-0.034100	-0.034100	v27abd7bb
78	1.0	-0.080950	NaN	-0.080950	-0.080950	-0.080950	-0.080950	-0.080950	v27abd7bb
79	1.0	-0.008053	NaN	-0.008053	-0.008053	-0.008053	-0.008053	-0.008053	v27abd7bb
80	1.0	0.067230	NaN	0.067230	0.067230	0.067230	0.067230	0.067230	v27abd7bb
81	1.0	0.024097	NaN	0.024097	0.024097	0.024097	0.024097	0.024097	v27abd7bb
82	1.0	0.000644	NaN	0.000644	0.000644	0.000644	0.000644	0.000644	v27abd7bb
83	1.0	0.055684	NaN	0.055684	0.055684	0.055684	0.055684	0.055684	v27abd7bb
84	1.0	0.070968	NaN	0.070968	0.070968	0.070968	0.070968	0.070968	v27abd7bb
85	1.0	-0.002964	NaN	-0.002964	-0.002964	-0.002964	-0.002964	-0.002964	v27abd7bb
86	1.0	-0.063129	NaN	-0.063129	-0.063129	-0.063129	-0.063129	-0.063129	v27abd7bb
87	1.0	0.095750	NaN	0.095750	0.095750	0.095750	0.095750	0.095750	v27abd7bb
88	1.0	0.073543	NaN	0.073543	0.073543	0.073543	0.073543	0.073543	v27abd7bb

89	1.0	-0.072939	NaN	-0.072939	-0.072939	-0.072939	-0.072939	-0.072939	v27abd7bb
90	1.0	-0.034894	NaN	-0.034894	-0.034894	-0.034894	-0.034894	-0.034894	v27abd7bb
91	1.0	0.089357	NaN	0.089357	0.089357	0.089357	0.089357	0.089357	v27abd7bb
92	1.0	0.137221	NaN	0.137221	0.137221	0.137221	0.137221	0.137221	v27abd7bb
93	1.0	-0.089007	NaN	-0.089007	-0.089007	-0.089007	-0.089007	-0.089007	v27abd7bb
94	1.0	-0.004794	NaN	-0.004794	-0.004794	-0.004794	-0.004794	-0.004794	v27abd7bb
95	1.0	-0.038294	NaN	-0.038294	-0.038294	-0.038294	-0.038294	-0.038294	v27abd7bb
96	1.0	0.014402	NaN	0.014402	0.014402	0.014402	0.014402	0.014402	v27abd7bb
97	1.0	0.020236	NaN	0.020236	0.020236	0.020236	0.020236	0.020236	v27abd7bb
98	1.0	-0.105301	NaN	-0.105301	-0.105301	-0.105301	-0.105301	-0.105301	v27abd7bb
99	1.0	-0.093637	NaN	-0.093637	-0.093637	-0.093637	-0.093637	-0.093637	v27abd7bb
100	1.0	-0.010733	NaN	-0.010733	-0.010733	-0.010733	-0.010733	-0.010733	v27abd7bb
101	1.0	-0.046608	NaN	-0.046608	-0.046608	-0.046608	-0.046608	-0.046608	v27abd7bb
102	1.0	0.027568	NaN	0.027568	0.027568	0.027568	0.027568	0.027568	v27abd7bb
103	1.0	0.030162	NaN	0.030162	0.030162	0.030162	0.030162	0.030162	v27abd7bb
104	1.0	0.072071	NaN	0.072071	0.072071	0.072071	0.072071	0.072071	v27abd7bb
105	1.0	-0.069168	NaN	-0.069168	-0.069168	-0.069168	-0.069168	-0.069168	v27abd7bb
106	1.0	0.028419	NaN	0.028419	0.028419	0.028419	0.028419	0.028419	v27abd7bb
107	1.0	0.036677	NaN	0.036677	0.036677	0.036677	0.036677	0.036677	v27abd7bb
108	1.0	0.036460	NaN	0.036460	0.036460	0.036460	0.036460	0.036460	v27abd7bb
109	1.0	0.019300	NaN	0.019300	0.019300	0.019300	0.019300	0.019300	v27abd7bb
110	1.0	-0.062305	NaN	-0.062305	-0.062305	-0.062305	-0.062305	-0.062305	v27abd7bb
111	1.0	-0.061705	NaN	-0.061705	-0.061705	-0.061705	-0.061705	-0.061705	v27abd7bb
112	1.0	-0.055968	NaN	-0.055968	-0.055968	-0.055968	-0.055968	-0.055968	v27abd7bb
113	1.0	0.126817	NaN	0.126817	0.126817	0.126817	0.126817	0.126817	v27abd7bb
114	1.0	-0.018195	NaN	-0.018195	-0.018195	-0.018195	-0.018195	-0.018195	v27abd7bb
115	1.0	0.086879	NaN	0.086879	0.086879	0.086879	0.086879	0.086879	v27abd7bb

116	1.0	0.044308	NaN	0.044308	0.044308	0.044308	0.044308	0.044308	v27abd7bb
117	1.0	-0.088042	NaN	-0.088042	-0.088042	-0.088042	-0.088042	-0.088042	v27abd7bb
118	1.0	-0.048949	NaN	-0.048949	-0.048949	-0.048949	-0.048949	-0.048949	v27abd7bb
119	1.0	0.073077	NaN	0.073077	0.073077	0.073077	0.073077	0.073077	v27abd7bb
120	1.0	-0.125598	NaN	-0.125598	-0.125598	-0.125598	-0.125598	-0.125598	v27abd7bb
121	1.0	0.014228	NaN	0.014228	0.014228	0.014228	0.014228	0.014228	v27abd7bb
122	1.0	0.037403	NaN	0.037403	0.037403	0.037403	0.037403	0.037403	v27abd7bb
123	1.0	0.058074	NaN	0.058074	0.058074	0.058074	0.058074	0.058074	v27abd7bb
124	1.0	-0.053081	NaN	-0.053081	-0.053081	-0.053081	-0.053081	-0.053081	v27abd7bb
125	1.0	-0.008943	NaN	-0.008943	-0.008943	-0.008943	-0.008943	-0.008943	v27abd7bb
126	1.0	0.019383	NaN	0.019383	0.019383	0.019383	0.019383	0.019383	v27abd7bb
127	1.0	0.022198	NaN	0.022198	0.022198	0.022198	0.022198	0.022198	v27abd7bb
0	1.0	-0.024501	NaN	-0.024501	-0.024501	-0.024501	-0.024501	-0.024501	v2d95432a
1	1.0	-0.133205	NaN	-0.133205	-0.133205	-0.133205	-0.133205	-0.133205	v2d95432a
2	1.0	0.006578	NaN	0.006578	0.006578	0.006578	0.006578	0.006578	v2d95432a
3	1.0	-0.037141	NaN	-0.037141	-0.037141	-0.037141	-0.037141	-0.037141	v2d95432a
4	1.0	0.159619	NaN	0.159619	0.159619	0.159619	0.159619	0.159619	v2d95432a
5	1.0	-0.024933	NaN	-0.024933	-0.024933	-0.024933	-0.024933	-0.024933	v2d95432a
6	1.0	-0.095718	NaN	-0.095718	-0.095718	-0.095718	-0.095718	-0.095718	v2d95432a
7	1.0	0.121168	NaN	0.121168	0.121168	0.121168	0.121168	0.121168	v2d95432a
8	1.0	0.108519	NaN	0.108519	0.108519	0.108519	0.108519	0.108519	v2d95432a
9	1.0	0.006875	NaN	0.006875	0.006875	0.006875	0.006875	0.006875	v2d95432a
10	1.0	-0.087667	NaN	-0.087667	-0.087667	-0.087667	-0.087667	-0.087667	v2d95432a
11	1.0	0.138059	NaN	0.138059	0.138059	0.138059	0.138059	0.138059	v2d95432a
12	1.0	0.065525	NaN	0.065525	0.065525	0.065525	0.065525	0.065525	v2d95432a
13	1.0	-0.010620	NaN	-0.010620	-0.010620	-0.010620	-0.010620	-0.010620	v2d95432a
14	1.0	-0.024584	NaN	-0.024584	-0.024584	-0.024584	-0.024584	-0.024584	v2d95432a

15	1.0 -0.011108	NaN -0.011108 -0.011108 -0.011108 -0.011108 -0.011108	v2d95432a
16	1.0 0.010319	NaN 0.010319 0.010319 0.010319 0.010319 0.010319	v2d95432a
17	1.0 -0.080787	NaN -0.080787 -0.080787 -0.080787 -0.080787 -0.080787	v2d95432a
18	1.0 -0.009177	NaN -0.009177 -0.009177 -0.009177 -0.009177 -0.009177	v2d95432a
19	1.0 0.058176	NaN 0.058176 0.058176 0.058176 0.058176 0.058176	v2d95432a
20	1.0 0.074721	NaN 0.074721 0.074721 0.074721 0.074721 0.074721	v2d95432a
21	1.0 -0.180066	NaN -0.180066 -0.180066 -0.180066 -0.180066 -0.180066	v2d95432a
22	1.0 0.047774	NaN 0.047774 0.047774 0.047774 0.047774 0.047774	v2d95432a
23	1.0 -0.028243	NaN -0.028243 -0.028243 -0.028243 -0.028243 -0.028243	v2d95432a
24	1.0 0.155162	NaN 0.155162 0.155162 0.155162 0.155162 0.155162	v2d95432a
25	1.0 0.025102	NaN 0.025102 0.025102 0.025102 0.025102 0.025102	v2d95432a
26	1.0 -0.012146	NaN -0.012146 -0.012146 -0.012146 -0.012146 -0.012146	v2d95432a
27	1.0 -0.026337	NaN -0.026337 -0.026337 -0.026337 -0.026337 -0.026337	v2d95432a
28	1.0 0.015810	NaN 0.015810 0.015810 0.015810 0.015810 0.015810	v2d95432a
29	1.0 -0.007131	NaN -0.007131 -0.007131 -0.007131 -0.007131 -0.007131	v2d95432a
30	1.0 0.046426	NaN 0.046426 0.046426 0.046426 0.046426 0.046426	v2d95432a
31	1.0 0.009711	NaN 0.009711 0.009711 0.009711 0.009711 0.009711	v2d95432a
32	1.0 -0.098132	NaN -0.098132 -0.098132 -0.098132 -0.098132 -0.098132	v2d95432a
33	1.0 0.016061	NaN 0.016061 0.016061 0.016061 0.016061 0.016061	v2d95432a
34	1.0 -0.079814	NaN -0.079814 -0.079814 -0.079814 -0.079814 -0.079814	v2d95432a
35	1.0 0.006100	NaN 0.006100 0.006100 0.006100 0.006100 0.006100	v2d95432a
36	1.0 0.123114	NaN 0.123114 0.123114 0.123114 0.123114 0.123114	v2d95432a
37	1.0 0.020000	NaN 0.020000 0.020000 0.020000 0.020000 0.020000	v2d95432a
38	1.0 0.057994	NaN 0.057994 0.057994 0.057994 0.057994 0.057994	v2d95432a
39	1.0 0.012662	NaN 0.012662 0.012662 0.012662 0.012662 0.012662	v2d95432a
40	1.0 0.044593	NaN 0.044593 0.044593 0.044593 0.044593 0.044593	v2d95432a
41	1.0 0.066356	NaN 0.066356 0.066356 0.066356 0.066356 0.066356	v2d95432a

42	1.0 -0.075284	NaN -0.075284 -0.075284 -0.075284 -0.075284 -0.075284	v2d95432a
43	1.0 -0.050409	NaN -0.050409 -0.050409 -0.050409 -0.050409 -0.050409	v2d95432a
44	1.0 0.085207	NaN 0.085207 0.085207 0.085207 0.085207 0.085207	v2d95432a
45	1.0 0.177495	NaN 0.177495 0.177495 0.177495 0.177495 0.177495	v2d95432a
46	1.0 -0.043609	NaN -0.043609 -0.043609 -0.043609 -0.043609 -0.043609	v2d95432a
47	1.0 0.071385	NaN 0.071385 0.071385 0.071385 0.071385 0.071385	v2d95432a
48	1.0 -0.027568	NaN -0.027568 -0.027568 -0.027568 -0.027568 -0.027568	v2d95432a
49	1.0 0.002523	NaN 0.002523 0.002523 0.002523 0.002523 0.002523	v2d95432a
50	1.0 0.140502	NaN 0.140502 0.140502 0.140502 0.140502 0.140502	v2d95432a
51	1.0 0.050526	NaN 0.050526 0.050526 0.050526 0.050526 0.050526	v2d95432a
52	1.0 -0.062911	NaN -0.062911 -0.062911 -0.062911 -0.062911 -0.062911	v2d95432a
53	1.0 -0.067683	NaN -0.067683 -0.067683 -0.067683 -0.067683 -0.067683	v2d95432a
54	1.0 -0.050359	NaN -0.050359 -0.050359 -0.050359 -0.050359 -0.050359	v2d95432a
55	1.0 -0.098569	NaN -0.098569 -0.098569 -0.098569 -0.098569 -0.098569	v2d95432a
56	1.0 0.057242	NaN 0.057242 0.057242 0.057242 0.057242 0.057242	v2d95432a
57	1.0 -0.002346	NaN -0.002346 -0.002346 -0.002346 -0.002346 -0.002346	v2d95432a
58	1.0 -0.081197	NaN -0.081197 -0.081197 -0.081197 -0.081197 -0.081197	v2d95432a
59	1.0 0.109985	NaN 0.109985 0.109985 0.109985 0.109985 0.109985	v2d95432a
60	1.0 -0.104656	NaN -0.104656 -0.104656 -0.104656 -0.104656 -0.104656	v2d95432a
61	1.0 0.149073	NaN 0.149073 0.149073 0.149073 0.149073 0.149073	v2d95432a
62	1.0 0.033409	NaN 0.033409 0.033409 0.033409 0.033409 0.033409	v2d95432a
63	1.0 -0.085408	NaN -0.085408 -0.085408 -0.085408 -0.085408 -0.085408	v2d95432a
64	1.0 0.044470	NaN 0.044470 0.044470 0.044470 0.044470 0.044470	v2d95432a
65	1.0 -0.214241	NaN -0.214241 -0.214241 -0.214241 -0.214241 -0.214241	v2d95432a
66	1.0 0.051260	NaN 0.051260 0.051260 0.051260 0.051260 0.051260	v2d95432a
67	1.0 0.110900	NaN 0.110900 0.110900 0.110900 0.110900 0.110900	v2d95432a
68	1.0 -0.086018	NaN -0.086018 -0.086018 -0.086018 -0.086018 -0.086018	v2d95432a

69	1.0	0.014826	NaN	0.014826	0.014826	0.014826	0.014826	0.014826	v2d95432a
70	1.0	-0.003629	NaN	-0.003629	-0.003629	-0.003629	-0.003629	-0.003629	v2d95432a
71	1.0	-0.064428	NaN	-0.064428	-0.064428	-0.064428	-0.064428	-0.064428	v2d95432a
72	1.0	-0.060109	NaN	-0.060109	-0.060109	-0.060109	-0.060109	-0.060109	v2d95432a
73	1.0	0.017806	NaN	0.017806	0.017806	0.017806	0.017806	0.017806	v2d95432a
74	1.0	0.020016	NaN	0.020016	0.020016	0.020016	0.020016	0.020016	v2d95432a
75	1.0	0.115971	NaN	0.115971	0.115971	0.115971	0.115971	0.115971	v2d95432a
76	1.0	-0.058216	NaN	-0.058216	-0.058216	-0.058216	-0.058216	-0.058216	v2d95432a
77	1.0	0.017748	NaN	0.017748	0.017748	0.017748	0.017748	0.017748	v2d95432a
78	1.0	-0.057320	NaN	-0.057320	-0.057320	-0.057320	-0.057320	-0.057320	v2d95432a
79	1.0	-0.050509	NaN	-0.050509	-0.050509	-0.050509	-0.050509	-0.050509	v2d95432a
80	1.0	0.072990	NaN	0.072990	0.072990	0.072990	0.072990	0.072990	v2d95432a
81	1.0	-0.057031	NaN	-0.057031	-0.057031	-0.057031	-0.057031	-0.057031	v2d95432a
82	1.0	-0.151697	NaN	-0.151697	-0.151697	-0.151697	-0.151697	-0.151697	v2d95432a
83	1.0	-0.046558	NaN	-0.046558	-0.046558	-0.046558	-0.046558	-0.046558	v2d95432a
84	1.0	0.022101	NaN	0.022101	0.022101	0.022101	0.022101	0.022101	v2d95432a
85	1.0	0.038007	NaN	0.038007	0.038007	0.038007	0.038007	0.038007	v2d95432a
86	1.0	-0.045208	NaN	-0.045208	-0.045208	-0.045208	-0.045208	-0.045208	v2d95432a
87	1.0	0.005581	NaN	0.005581	0.005581	0.005581	0.005581	0.005581	v2d95432a
88	1.0	-0.026303	NaN	-0.026303	-0.026303	-0.026303	-0.026303	-0.026303	v2d95432a
89	1.0	0.006796	NaN	0.006796	0.006796	0.006796	0.006796	0.006796	v2d95432a
90	1.0	0.018452	NaN	0.018452	0.018452	0.018452	0.018452	0.018452	v2d95432a
91	1.0	0.007086	NaN	0.007086	0.007086	0.007086	0.007086	0.007086	v2d95432a
92	1.0	-0.075450	NaN	-0.075450	-0.075450	-0.075450	-0.075450	-0.075450	v2d95432a
93	1.0	-0.028083	NaN	-0.028083	-0.028083	-0.028083	-0.028083	-0.028083	v2d95432a
94	1.0	-0.005519	NaN	-0.005519	-0.005519	-0.005519	-0.005519	-0.005519	v2d95432a
95	1.0	-0.055806	NaN	-0.055806	-0.055806	-0.055806	-0.055806	-0.055806	v2d95432a

```
96   1.0  0.134755     NaN  0.134755  0.134755  0.134755  0.134755  0.134755  v2d95432a
97   1.0  0.006290     NaN  0.006290  0.006290  0.006290  0.006290  0.006290  v2d95432a
98   1.0 -0.039462     NaN -0.039462 -0.039462 -0.039462 -0.039462 -0.039462  v2d95432a
99   1.0  0.139407     NaN  0.139407  0.139407  0.139407  0.139407  0.139407  v2d95432a
100  1.0  0.078028     NaN  0.078028  0.078028  0.078028  0.078028  0.078028  v2d95432a
101  1.0 -0.084224     NaN -0.084224 -0.084224 -0.084224 -0.084224 -0.084224  v2d95432a
102  1.0  0.009366     NaN  0.009366  0.009366  0.009366  0.009366  0.009366  v2d95432a
103  1.0 -0.108429     NaN -0.108429 -0.108429 -0.108429 -0.108429 -0.108429  v2d95432a
104  1.0  0.116496     NaN  0.116496  0.116496  0.116496  0.116496  0.116496  v2d95432a
105  1.0 -0.065759     NaN -0.065759 -0.065759 -0.065759 -0.065759 -0.065759  v2d95432a
106  1.0 -0.098399     NaN -0.098399 -0.098399 -0.098399 -0.098399 -0.098399  v2d95432a
107  1.0 -0.089979     NaN -0.089979 -0.089979 -0.089979 -0.089979 -0.089979  v2d95432a
108  1.0  0.022376     NaN  0.022376  0.022376  0.022376  0.022376  0.022376  v2d95432a
109  1.0  0.003232     NaN  0.003232  0.003232  0.003232  0.003232  0.003232  v2d95432a
110  1.0  0.042090     NaN  0.042090  0.042090  0.042090  0.042090  0.042090  v2d95432a
111  1.0 -0.020365     NaN -0.020365 -0.020365 -0.020365 -0.020365 -0.020365  v2d95432a
112  1.0 -0.108182     NaN -0.108182 -0.108182 -0.108182 -0.108182 -0.108182  v2d95432a
113  1.0 -0.145779     NaN -0.145779 -0.145779 -0.145779 -0.145779 -0.145779  v2d95432a
114  1.0  0.042015     NaN  0.042015  0.042015  0.042015  0.042015  0.042015  v2d95432a
115  1.0  0.051922     NaN  0.051922  0.051922  0.051922  0.051922  0.051922  v2d95432a
116  1.0  0.135400     NaN  0.135400  0.135400  0.135400  0.135400  0.135400  v2d95432a
117  1.0 -0.080155     NaN -0.080155 -0.080155 -0.080155 -0.080155 -0.080155  v2d95432a
118  1.0 -0.009465     NaN -0.009465 -0.009465 -0.009465 -0.009465 -0.009465  v2d95432a
119  1.0  0.070646     NaN  0.070646  0.070646  0.070646  0.070646  0.070646  v2d95432a
120  1.0 -0.025056     NaN -0.025056 -0.025056 -0.025056 -0.025056 -0.025056  v2d95432a
121  1.0  0.129748     NaN  0.129748  0.129748  0.129748  0.129748  0.129748  v2d95432a
122  1.0 -0.005917     NaN -0.005917 -0.005917 -0.005917 -0.005917 -0.005917  v2d95432a
```

123	1.0	0.016191	NaN	0.016191	0.016191	0.016191	0.016191	0.016191	v2d95432a
124	1.0	0.075581	NaN	0.075581	0.075581	0.075581	0.075581	0.075581	v2d95432a
125	1.0	-0.139265	NaN	-0.139265	-0.139265	-0.139265	-0.139265	-0.139265	v2d95432a
126	1.0	-0.105035	NaN	-0.105035	-0.105035	-0.105035	-0.105035	-0.105035	v2d95432a
127	1.0	-0.080569	NaN	-0.080569	-0.080569	-0.080569	-0.080569	-0.080569	v2d95432a
0	1.0	-0.017116	NaN	-0.017116	-0.017116	-0.017116	-0.017116	-0.017116	v3534e548
1	1.0	-0.034762	NaN	-0.034762	-0.034762	-0.034762	-0.034762	-0.034762	v3534e548
2	1.0	-0.226461	NaN	-0.226461	-0.226461	-0.226461	-0.226461	-0.226461	v3534e548
3	1.0	0.034056	NaN	0.034056	0.034056	0.034056	0.034056	0.034056	v3534e548
4	1.0	-0.078625	NaN	-0.078625	-0.078625	-0.078625	-0.078625	-0.078625	v3534e548
5	1.0	-0.086749	NaN	-0.086749	-0.086749	-0.086749	-0.086749	-0.086749	v3534e548
6	1.0	-0.093311	NaN	-0.093311	-0.093311	-0.093311	-0.093311	-0.093311	v3534e548
7	1.0	0.005595	NaN	0.005595	0.005595	0.005595	0.005595	0.005595	v3534e548
8	1.0	0.018959	NaN	0.018959	0.018959	0.018959	0.018959	0.018959	v3534e548
9	1.0	0.068872	NaN	0.068872	0.068872	0.068872	0.068872	0.068872	v3534e548
10	1.0	0.040232	NaN	0.040232	0.040232	0.040232	0.040232	0.040232	v3534e548
11	1.0	0.045316	NaN	0.045316	0.045316	0.045316	0.045316	0.045316	v3534e548
12	1.0	-0.114358	NaN	-0.114358	-0.114358	-0.114358	-0.114358	-0.114358	v3534e548
13	1.0	-0.010964	NaN	-0.010964	-0.010964	-0.010964	-0.010964	-0.010964	v3534e548
14	1.0	-0.032925	NaN	-0.032925	-0.032925	-0.032925	-0.032925	-0.032925	v3534e548
15	1.0	-0.137990	NaN	-0.137990	-0.137990	-0.137990	-0.137990	-0.137990	v3534e548
16	1.0	-0.099210	NaN	-0.099210	-0.099210	-0.099210	-0.099210	-0.099210	v3534e548
17	1.0	-0.023071	NaN	-0.023071	-0.023071	-0.023071	-0.023071	-0.023071	v3534e548
18	1.0	0.032626	NaN	0.032626	0.032626	0.032626	0.032626	0.032626	v3534e548
19	1.0	-0.119340	NaN	-0.119340	-0.119340	-0.119340	-0.119340	-0.119340	v3534e548
20	1.0	-0.005888	NaN	-0.005888	-0.005888	-0.005888	-0.005888	-0.005888	v3534e548
21	1.0	-0.019711	NaN	-0.019711	-0.019711	-0.019711	-0.019711	-0.019711	v3534e548

22	1.0 -0.090250	NaN -0.090250 -0.090250 -0.090250 -0.090250 -0.090250	v3534e548
23	1.0 -0.101617	NaN -0.101617 -0.101617 -0.101617 -0.101617 -0.101617	v3534e548
24	1.0 -0.004938	NaN -0.004938 -0.004938 -0.004938 -0.004938 -0.004938	v3534e548
25	1.0 0.022660	NaN 0.022660 0.022660 0.022660 0.022660 0.022660	v3534e548
26	1.0 -0.094771	NaN -0.094771 -0.094771 -0.094771 -0.094771 -0.094771	v3534e548
27	1.0 0.096875	NaN 0.096875 0.096875 0.096875 0.096875 0.096875	v3534e548
28	1.0 -0.019638	NaN -0.019638 -0.019638 -0.019638 -0.019638 -0.019638	v3534e548
29	1.0 0.156068	NaN 0.156068 0.156068 0.156068 0.156068 0.156068	v3534e548
30	1.0 -0.056527	NaN -0.056527 -0.056527 -0.056527 -0.056527 -0.056527	v3534e548
31	1.0 -0.058347	NaN -0.058347 -0.058347 -0.058347 -0.058347 -0.058347	v3534e548
32	1.0 0.038723	NaN 0.038723 0.038723 0.038723 0.038723 0.038723	v3534e548
33	1.0 -0.090595	NaN -0.090595 -0.090595 -0.090595 -0.090595 -0.090595	v3534e548
34	1.0 -0.049998	NaN -0.049998 -0.049998 -0.049998 -0.049998 -0.049998	v3534e548
35	1.0 0.087172	NaN 0.087172 0.087172 0.087172 0.087172 0.087172	v3534e548
36	1.0 -0.092868	NaN -0.092868 -0.092868 -0.092868 -0.092868 -0.092868	v3534e548
37	1.0 -0.091401	NaN -0.091401 -0.091401 -0.091401 -0.091401 -0.091401	v3534e548
38	1.0 -0.100798	NaN -0.100798 -0.100798 -0.100798 -0.100798 -0.100798	v3534e548
39	1.0 0.025215	NaN 0.025215 0.025215 0.025215 0.025215 0.025215	v3534e548
40	1.0 -0.002315	NaN -0.002315 -0.002315 -0.002315 -0.002315 -0.002315	v3534e548
41	1.0 0.076148	NaN 0.076148 0.076148 0.076148 0.076148 0.076148	v3534e548
42	1.0 0.013251	NaN 0.013251 0.013251 0.013251 0.013251 0.013251	v3534e548
43	1.0 0.018056	NaN 0.018056 0.018056 0.018056 0.018056 0.018056	v3534e548
44	1.0 0.047970	NaN 0.047970 0.047970 0.047970 0.047970 0.047970	v3534e548
45	1.0 0.048781	NaN 0.048781 0.048781 0.048781 0.048781 0.048781	v3534e548
46	1.0 -0.042492	NaN -0.042492 -0.042492 -0.042492 -0.042492 -0.042492	v3534e548
47	1.0 0.075078	NaN 0.075078 0.075078 0.075078 0.075078 0.075078	v3534e548
48	1.0 -0.102779	NaN -0.102779 -0.102779 -0.102779 -0.102779 -0.102779	v3534e548

49	1.0	0.081700	NaN	0.081700	0.081700	0.081700	0.081700	0.081700	v3534e548
50	1.0	0.088299	NaN	0.088299	0.088299	0.088299	0.088299	0.088299	v3534e548
51	1.0	-0.019112	NaN	-0.019112	-0.019112	-0.019112	-0.019112	-0.019112	v3534e548
52	1.0	-0.001040	NaN	-0.001040	-0.001040	-0.001040	-0.001040	-0.001040	v3534e548
53	1.0	-0.034837	NaN	-0.034837	-0.034837	-0.034837	-0.034837	-0.034837	v3534e548
54	1.0	-0.034202	NaN	-0.034202	-0.034202	-0.034202	-0.034202	-0.034202	v3534e548
55	1.0	0.102703	NaN	0.102703	0.102703	0.102703	0.102703	0.102703	v3534e548
56	1.0	-0.126038	NaN	-0.126038	-0.126038	-0.126038	-0.126038	-0.126038	v3534e548
57	1.0	-0.048336	NaN	-0.048336	-0.048336	-0.048336	-0.048336	-0.048336	v3534e548
58	1.0	0.035693	NaN	0.035693	0.035693	0.035693	0.035693	0.035693	v3534e548
59	1.0	-0.019886	NaN	-0.019886	-0.019886	-0.019886	-0.019886	-0.019886	v3534e548
60	1.0	-0.024980	NaN	-0.024980	-0.024980	-0.024980	-0.024980	-0.024980	v3534e548
61	1.0	0.037139	NaN	0.037139	0.037139	0.037139	0.037139	0.037139	v3534e548
62	1.0	-0.121899	NaN	-0.121899	-0.121899	-0.121899	-0.121899	-0.121899	v3534e548
63	1.0	-0.012997	NaN	-0.012997	-0.012997	-0.012997	-0.012997	-0.012997	v3534e548
64	1.0	0.076001	NaN	0.076001	0.076001	0.076001	0.076001	0.076001	v3534e548
65	1.0	-0.181279	NaN	-0.181279	-0.181279	-0.181279	-0.181279	-0.181279	v3534e548
66	1.0	0.070068	NaN	0.070068	0.070068	0.070068	0.070068	0.070068	v3534e548
67	1.0	0.002884	NaN	0.002884	0.002884	0.002884	0.002884	0.002884	v3534e548
68	1.0	0.061798	NaN	0.061798	0.061798	0.061798	0.061798	0.061798	v3534e548
69	1.0	-0.036984	NaN	-0.036984	-0.036984	-0.036984	-0.036984	-0.036984	v3534e548
70	1.0	0.095086	NaN	0.095086	0.095086	0.095086	0.095086	0.095086	v3534e548
71	1.0	-0.036400	NaN	-0.036400	-0.036400	-0.036400	-0.036400	-0.036400	v3534e548
72	1.0	0.032091	NaN	0.032091	0.032091	0.032091	0.032091	0.032091	v3534e548
73	1.0	-0.012589	NaN	-0.012589	-0.012589	-0.012589	-0.012589	-0.012589	v3534e548
74	1.0	-0.039291	NaN	-0.039291	-0.039291	-0.039291	-0.039291	-0.039291	v3534e548
75	1.0	0.054193	NaN	0.054193	0.054193	0.054193	0.054193	0.054193	v3534e548

76	1.0 -0.128237	NaN -0.128237 -0.128237 -0.128237 -0.128237 -0.128237 v3534e548
77	1.0 0.025030	NaN 0.025030 0.025030 0.025030 0.025030 0.025030 v3534e548
78	1.0 0.002592	NaN 0.002592 0.002592 0.002592 0.002592 0.002592 v3534e548
79	1.0 0.079357	NaN 0.079357 0.079357 0.079357 0.079357 0.079357 v3534e548
80	1.0 0.076216	NaN 0.076216 0.076216 0.076216 0.076216 0.076216 v3534e548
81	1.0 0.081515	NaN 0.081515 0.081515 0.081515 0.081515 0.081515 v3534e548
82	1.0 0.048269	NaN 0.048269 0.048269 0.048269 0.048269 0.048269 v3534e548
83	1.0 0.098482	NaN 0.098482 0.098482 0.098482 0.098482 0.098482 v3534e548
84	1.0 0.018480	NaN 0.018480 0.018480 0.018480 0.018480 0.018480 v3534e548
85	1.0 0.016420	NaN 0.016420 0.016420 0.016420 0.016420 0.016420 v3534e548
86	1.0 0.063085	NaN 0.063085 0.063085 0.063085 0.063085 0.063085 v3534e548
87	1.0 0.005394	NaN 0.005394 0.005394 0.005394 0.005394 0.005394 v3534e548
88	1.0 0.096451	NaN 0.096451 0.096451 0.096451 0.096451 0.096451 v3534e548
89	1.0 -0.013292	NaN -0.013292 -0.013292 -0.013292 -0.013292 -0.013292 v3534e548
90	1.0 -0.188646	NaN -0.188646 -0.188646 -0.188646 -0.188646 -0.188646 v3534e548
91	1.0 0.058235	NaN 0.058235 0.058235 0.058235 0.058235 0.058235 v3534e548
92	1.0 -0.133534	NaN -0.133534 -0.133534 -0.133534 -0.133534 -0.133534 v3534e548
93	1.0 -0.109918	NaN -0.109918 -0.109918 -0.109918 -0.109918 -0.109918 v3534e548
94	1.0 -0.081732	NaN -0.081732 -0.081732 -0.081732 -0.081732 -0.081732 v3534e548
95	1.0 0.079709	NaN 0.079709 0.079709 0.079709 0.079709 0.079709 v3534e548
96	1.0 -0.102069	NaN -0.102069 -0.102069 -0.102069 -0.102069 -0.102069 v3534e548
97	1.0 0.002034	NaN 0.002034 0.002034 0.002034 0.002034 0.002034 v3534e548
98	1.0 0.040864	NaN 0.040864 0.040864 0.040864 0.040864 0.040864 v3534e548
99	1.0 0.037567	NaN 0.037567 0.037567 0.037567 0.037567 0.037567 v3534e548
100	1.0 -0.023399	NaN -0.023399 -0.023399 -0.023399 -0.023399 -0.023399 v3534e548
101	1.0 0.067617	NaN 0.067617 0.067617 0.067617 0.067617 0.067617 v3534e548
102	1.0 -0.012099	NaN -0.012099 -0.012099 -0.012099 -0.012099 -0.012099 v3534e548

```
103   1.0  0.013365     NaN  0.013365  0.013365  0.013365  0.013365  0.013365  v3534e548

104   1.0  0.088385     NaN  0.088385  0.088385  0.088385  0.088385  0.088385  v3534e548

105   1.0 -0.009225     NaN -0.009225 -0.009225 -0.009225 -0.009225 -0.009225  v3534e548

106   1.0  0.029183     NaN  0.029183  0.029183  0.029183  0.029183  0.029183  v3534e548

107   1.0 -0.103831     NaN -0.103831 -0.103831 -0.103831 -0.103831 -0.103831  v3534e548

108   1.0  0.098475     NaN  0.098475  0.098475  0.098475  0.098475  0.098475  v3534e548

109   1.0 -0.007863     NaN -0.007863 -0.007863 -0.007863 -0.007863 -0.007863  v3534e548

110   1.0  0.085061     NaN  0.085061  0.085061  0.085061  0.085061  0.085061  v3534e548

111   1.0  0.063320     NaN  0.063320  0.063320  0.063320  0.063320  0.063320  v3534e548

112   1.0 -0.100575     NaN -0.100575 -0.100575 -0.100575 -0.100575 -0.100575  v3534e548

113   1.0  0.099379     NaN  0.099379  0.099379  0.099379  0.099379  0.099379  v3534e548

114   1.0 -0.099244     NaN -0.099244 -0.099244 -0.099244 -0.099244 -0.099244  v3534e548

115   1.0 -0.016988     NaN -0.016988 -0.016988 -0.016988 -0.016988 -0.016988  v3534e548

116   1.0 -0.077938     NaN -0.077938 -0.077938 -0.077938 -0.077938 -0.077938  v3534e548

117   1.0 -0.054692     NaN -0.054692 -0.054692 -0.054692 -0.054692 -0.054692  v3534e548

118   1.0 -0.024633     NaN -0.024633 -0.024633 -0.024633 -0.024633 -0.024633  v3534e548

119   1.0  0.072567     NaN  0.072567  0.072567  0.072567  0.072567  0.072567  v3534e548

120   1.0 -0.061946     NaN -0.061946 -0.061946 -0.061946 -0.061946 -0.061946  v3534e548

121   1.0  0.090398     NaN  0.090398  0.090398  0.090398  0.090398  0.090398  v3534e548

122   1.0 -0.023135     NaN -0.023135 -0.023135 -0.023135 -0.023135 -0.023135  v3534e548

123   1.0  0.103836     NaN  0.103836  0.103836  0.103836  0.103836  0.103836  v3534e548

124   1.0  0.010400     NaN  0.010400  0.010400  0.010400  0.010400  0.010400  v3534e548

125   1.0 -0.009991     NaN -0.009991 -0.009991 -0.009991 -0.009991 -0.009991  v3534e548

126   1.0 -0.033491     NaN -0.033491 -0.033491 -0.033491 -0.033491 -0.033491  v3534e548

127   1.0 -0.069881     NaN -0.069881 -0.069881 -0.069881 -0.069881 -0.069881  v3534e548

0     1.0 -0.065528     NaN -0.065528 -0.065528 -0.065528 -0.065528 -0.065528  v572e0c1f

1     1.0 -0.010934     NaN -0.010934 -0.010934 -0.010934 -0.010934 -0.010934  v572e0c1f
```

2	1.0 -0.004222	NaN -0.004222 -0.004222 -0.004222 -0.004222 -0.004222 v572e0c1f
3	1.0 -0.015094	NaN -0.015094 -0.015094 -0.015094 -0.015094 -0.015094 v572e0c1f
4	1.0 0.029449	NaN 0.029449 0.029449 0.029449 0.029449 0.029449 v572e0c1f
5	1.0 0.073730	NaN 0.073730 0.073730 0.073730 0.073730 0.073730 v572e0c1f
6	1.0 -0.063860	NaN -0.063860 -0.063860 -0.063860 -0.063860 -0.063860 v572e0c1f
7	1.0 0.076272	NaN 0.076272 0.076272 0.076272 0.076272 0.076272 v572e0c1f
8	1.0 0.033537	NaN 0.033537 0.033537 0.033537 0.033537 0.033537 v572e0c1f
9	1.0 -0.010074	NaN -0.010074 -0.010074 -0.010074 -0.010074 -0.010074 v572e0c1f
10	1.0 -0.190813	NaN -0.190813 -0.190813 -0.190813 -0.190813 -0.190813 v572e0c1f
11	1.0 -0.112721	NaN -0.112721 -0.112721 -0.112721 -0.112721 -0.112721 v572e0c1f
12	1.0 -0.019373	NaN -0.019373 -0.019373 -0.019373 -0.019373 -0.019373 v572e0c1f
13	1.0 0.047138	NaN 0.047138 0.047138 0.047138 0.047138 0.047138 v572e0c1f
14	1.0 0.131283	NaN 0.131283 0.131283 0.131283 0.131283 0.131283 v572e0c1f
15	1.0 0.133476	NaN 0.133476 0.133476 0.133476 0.133476 0.133476 v572e0c1f
16	1.0 -0.020428	NaN -0.020428 -0.020428 -0.020428 -0.020428 -0.020428 v572e0c1f
17	1.0 0.021432	NaN 0.021432 0.021432 0.021432 0.021432 0.021432 v572e0c1f
18	1.0 0.076561	NaN 0.076561 0.076561 0.076561 0.076561 0.076561 v572e0c1f
19	1.0 0.029633	NaN 0.029633 0.029633 0.029633 0.029633 0.029633 v572e0c1f
20	1.0 -0.059147	NaN -0.059147 -0.059147 -0.059147 -0.059147 -0.059147 v572e0c1f
21	1.0 0.093580	NaN 0.093580 0.093580 0.093580 0.093580 0.093580 v572e0c1f
22	1.0 -0.090309	NaN -0.090309 -0.090309 -0.090309 -0.090309 -0.090309 v572e0c1f
23	1.0 -0.040198	NaN -0.040198 -0.040198 -0.040198 -0.040198 -0.040198 v572e0c1f
24	1.0 0.069005	NaN 0.069005 0.069005 0.069005 0.069005 0.069005 v572e0c1f
25	1.0 -0.125126	NaN -0.125126 -0.125126 -0.125126 -0.125126 -0.125126 v572e0c1f
26	1.0 -0.042330	NaN -0.042330 -0.042330 -0.042330 -0.042330 -0.042330 v572e0c1f
27	1.0 -0.130058	NaN -0.130058 -0.130058 -0.130058 -0.130058 -0.130058 v572e0c1f
28	1.0 -0.024565	NaN -0.024565 -0.024565 -0.024565 -0.024565 -0.024565 v572e0c1f

29	1.0 -0.041753	NaN -0.041753 -0.041753 -0.041753 -0.041753 -0.041753 v572e0c1f
30	1.0 -0.076553	NaN -0.076553 -0.076553 -0.076553 -0.076553 -0.076553 v572e0c1f
31	1.0 -0.155635	NaN -0.155635 -0.155635 -0.155635 -0.155635 -0.155635 v572e0c1f
32	1.0 -0.008377	NaN -0.008377 -0.008377 -0.008377 -0.008377 -0.008377 v572e0c1f
33	1.0 -0.012755	NaN -0.012755 -0.012755 -0.012755 -0.012755 -0.012755 v572e0c1f
34	1.0 -0.071566	NaN -0.071566 -0.071566 -0.071566 -0.071566 -0.071566 v572e0c1f
35	1.0 0.155782	NaN 0.155782 0.155782 0.155782 0.155782 0.155782 v572e0c1f
36	1.0 0.119682	NaN 0.119682 0.119682 0.119682 0.119682 0.119682 v572e0c1f
37	1.0 -0.154028	NaN -0.154028 -0.154028 -0.154028 -0.154028 -0.154028 v572e0c1f
38	1.0 0.059421	NaN 0.059421 0.059421 0.059421 0.059421 0.059421 v572e0c1f
39	1.0 0.058317	NaN 0.058317 0.058317 0.058317 0.058317 0.058317 v572e0c1f
40	1.0 0.010800	NaN 0.010800 0.010800 0.010800 0.010800 0.010800 v572e0c1f
41	1.0 -0.010343	NaN -0.010343 -0.010343 -0.010343 -0.010343 -0.010343 v572e0c1f
42	1.0 -0.059012	NaN -0.059012 -0.059012 -0.059012 -0.059012 -0.059012 v572e0c1f
43	1.0 -0.094658	NaN -0.094658 -0.094658 -0.094658 -0.094658 -0.094658 v572e0c1f
44	1.0 0.059587	NaN 0.059587 0.059587 0.059587 0.059587 0.059587 v572e0c1f
45	1.0 0.018773	NaN 0.018773 0.018773 0.018773 0.018773 0.018773 v572e0c1f
46	1.0 -0.142866	NaN -0.142866 -0.142866 -0.142866 -0.142866 -0.142866 v572e0c1f
47	1.0 0.052964	NaN 0.052964 0.052964 0.052964 0.052964 0.052964 v572e0c1f
48	1.0 0.123613	NaN 0.123613 0.123613 0.123613 0.123613 0.123613 v572e0c1f
49	1.0 -0.047717	NaN -0.047717 -0.047717 -0.047717 -0.047717 -0.047717 v572e0c1f
50	1.0 -0.006588	NaN -0.006588 -0.006588 -0.006588 -0.006588 -0.006588 v572e0c1f
51	1.0 0.017993	NaN 0.017993 0.017993 0.017993 0.017993 0.017993 v572e0c1f
52	1.0 0.040680	NaN 0.040680 0.040680 0.040680 0.040680 0.040680 v572e0c1f
53	1.0 0.030460	NaN 0.030460 0.030460 0.030460 0.030460 0.030460 v572e0c1f
54	1.0 0.020687	NaN 0.020687 0.020687 0.020687 0.020687 0.020687 v572e0c1f
55	1.0 0.061291	NaN 0.061291 0.061291 0.061291 0.061291 0.061291 v572e0c1f

56	1.0 -0.007946	NaN -0.007946 -0.007946 -0.007946 -0.007946 -0.007946 v572e0c1f
57	1.0 -0.081864	NaN -0.081864 -0.081864 -0.081864 -0.081864 -0.081864 v572e0c1f
58	1.0 -0.117370	NaN -0.117370 -0.117370 -0.117370 -0.117370 -0.117370 v572e0c1f
59	1.0 -0.022797	NaN -0.022797 -0.022797 -0.022797 -0.022797 -0.022797 v572e0c1f
60	1.0 -0.084355	NaN -0.084355 -0.084355 -0.084355 -0.084355 -0.084355 v572e0c1f
61	1.0 -0.069113	NaN -0.069113 -0.069113 -0.069113 -0.069113 -0.069113 v572e0c1f
62	1.0 0.047579	NaN 0.047579 0.047579 0.047579 0.047579 0.047579 v572e0c1f
63	1.0 0.047482	NaN 0.047482 0.047482 0.047482 0.047482 0.047482 v572e0c1f
64	1.0 0.028603	NaN 0.028603 0.028603 0.028603 0.028603 0.028603 v572e0c1f
65	1.0 0.016616	NaN 0.016616 0.016616 0.016616 0.016616 0.016616 v572e0c1f
66	1.0 0.127733	NaN 0.127733 0.127733 0.127733 0.127733 0.127733 v572e0c1f
67	1.0 -0.056616	NaN -0.056616 -0.056616 -0.056616 -0.056616 -0.056616 v572e0c1f
68	1.0 0.118096	NaN 0.118096 0.118096 0.118096 0.118096 0.118096 v572e0c1f
69	1.0 0.004209	NaN 0.004209 0.004209 0.004209 0.004209 0.004209 v572e0c1f
70	1.0 0.012510	NaN 0.012510 0.012510 0.012510 0.012510 0.012510 v572e0c1f
71	1.0 0.058984	NaN 0.058984 0.058984 0.058984 0.058984 0.058984 v572e0c1f
72	1.0 0.114174	NaN 0.114174 0.114174 0.114174 0.114174 0.114174 v572e0c1f
73	1.0 -0.117854	NaN -0.117854 -0.117854 -0.117854 -0.117854 -0.117854 v572e0c1f
74	1.0 -0.008050	NaN -0.008050 -0.008050 -0.008050 -0.008050 -0.008050 v572e0c1f
75	1.0 0.000095	NaN 0.000095 0.000095 0.000095 0.000095 0.000095 v572e0c1f
76	1.0 -0.099916	NaN -0.099916 -0.099916 -0.099916 -0.099916 -0.099916 v572e0c1f
77	1.0 0.012062	NaN 0.012062 0.012062 0.012062 0.012062 0.012062 v572e0c1f
78	1.0 0.052626	NaN 0.052626 0.052626 0.052626 0.052626 0.052626 v572e0c1f
79	1.0 0.044070	NaN 0.044070 0.044070 0.044070 0.044070 0.044070 v572e0c1f
80	1.0 0.027827	NaN 0.027827 0.027827 0.027827 0.027827 0.027827 v572e0c1f
81	1.0 -0.057344	NaN -0.057344 -0.057344 -0.057344 -0.057344 -0.057344 v572e0c1f
82	1.0 0.008210	NaN 0.008210 0.008210 0.008210 0.008210 0.008210 v572e0c1f

83	1.0 -0.111813	NaN -0.111813 -0.111813 -0.111813 -0.111813 -0.111813 v572e0c1f
84	1.0 -0.002147	NaN -0.002147 -0.002147 -0.002147 -0.002147 -0.002147 v572e0c1f
85	1.0 0.071688	NaN 0.071688 0.071688 0.071688 0.071688 0.071688 v572e0c1f
86	1.0 0.141090	NaN 0.141090 0.141090 0.141090 0.141090 0.141090 v572e0c1f
87	1.0 0.048561	NaN 0.048561 0.048561 0.048561 0.048561 0.048561 v572e0c1f
88	1.0 0.034213	NaN 0.034213 0.034213 0.034213 0.034213 0.034213 v572e0c1f
89	1.0 0.017133	NaN 0.017133 0.017133 0.017133 0.017133 0.017133 v572e0c1f
90	1.0 0.111343	NaN 0.111343 0.111343 0.111343 0.111343 0.111343 v572e0c1f
91	1.0 0.065132	NaN 0.065132 0.065132 0.065132 0.065132 0.065132 v572e0c1f
92	1.0 -0.100410	NaN -0.100410 -0.100410 -0.100410 -0.100410 -0.100410 v572e0c1f
93	1.0 -0.045098	NaN -0.045098 -0.045098 -0.045098 -0.045098 -0.045098 v572e0c1f
94	1.0 0.015627	NaN 0.015627 0.015627 0.015627 0.015627 0.015627 v572e0c1f
95	1.0 -0.062372	NaN -0.062372 -0.062372 -0.062372 -0.062372 -0.062372 v572e0c1f
96	1.0 -0.042893	NaN -0.042893 -0.042893 -0.042893 -0.042893 -0.042893 v572e0c1f
97	1.0 -0.047458	NaN -0.047458 -0.047458 -0.047458 -0.047458 -0.047458 v572e0c1f
98	1.0 0.149472	NaN 0.149472 0.149472 0.149472 0.149472 0.149472 v572e0c1f
99	1.0 -0.033120	NaN -0.033120 -0.033120 -0.033120 -0.033120 -0.033120 v572e0c1f
100	1.0 0.006796	NaN 0.006796 0.006796 0.006796 0.006796 0.006796 v572e0c1f
101	1.0 0.088695	NaN 0.088695 0.088695 0.088695 0.088695 0.088695 v572e0c1f
102	1.0 0.019920	NaN 0.019920 0.019920 0.019920 0.019920 0.019920 v572e0c1f
103	1.0 0.135800	NaN 0.135800 0.135800 0.135800 0.135800 0.135800 v572e0c1f
104	1.0 -0.014074	NaN -0.014074 -0.014074 -0.014074 -0.014074 -0.014074 v572e0c1f
105	1.0 -0.011131	NaN -0.011131 -0.011131 -0.011131 -0.011131 -0.011131 v572e0c1f
106	1.0 0.071508	NaN 0.071508 0.071508 0.071508 0.071508 0.071508 v572e0c1f
107	1.0 0.048049	NaN 0.048049 0.048049 0.048049 0.048049 0.048049 v572e0c1f
108	1.0 0.073680	NaN 0.073680 0.073680 0.073680 0.073680 0.073680 v572e0c1f
109	1.0 0.062840	NaN 0.062840 0.062840 0.062840 0.062840 0.062840 v572e0c1f

110	1.0 -0.064626	NaN -0.064626 -0.064626 -0.064626 -0.064626 -0.064626 v572e0c1f
111	1.0 -0.198504	NaN -0.198504 -0.198504 -0.198504 -0.198504 -0.198504 v572e0c1f
112	1.0 0.045621	NaN 0.045621 0.045621 0.045621 0.045621 0.045621 v572e0c1f
113	1.0 0.055636	NaN 0.055636 0.055636 0.055636 0.055636 0.055636 v572e0c1f
114	1.0 -0.029095	NaN -0.029095 -0.029095 -0.029095 -0.029095 -0.029095 v572e0c1f
115	1.0 0.114709	NaN 0.114709 0.114709 0.114709 0.114709 0.114709 v572e0c1f
116	1.0 -0.100944	NaN -0.100944 -0.100944 -0.100944 -0.100944 -0.100944 v572e0c1f
117	1.0 0.000749	NaN 0.000749 0.000749 0.000749 0.000749 0.000749 v572e0c1f
118	1.0 0.086363	NaN 0.086363 0.086363 0.086363 0.086363 0.086363 v572e0c1f
119	1.0 -0.117713	NaN -0.117713 -0.117713 -0.117713 -0.117713 -0.117713 v572e0c1f
120	1.0 0.068330	NaN 0.068330 0.068330 0.068330 0.068330 0.068330 v572e0c1f
121	1.0 -0.063955	NaN -0.063955 -0.063955 -0.063955 -0.063955 -0.063955 v572e0c1f
122	1.0 -0.034103	NaN -0.034103 -0.034103 -0.034103 -0.034103 -0.034103 v572e0c1f
123	1.0 0.012700	NaN 0.012700 0.012700 0.012700 0.012700 0.012700 v572e0c1f
124	1.0 -0.101239	NaN -0.101239 -0.101239 -0.101239 -0.101239 -0.101239 v572e0c1f
125	1.0 -0.023696	NaN -0.023696 -0.023696 -0.023696 -0.023696 -0.023696 v572e0c1f
126	1.0 0.061338	NaN 0.061338 0.061338 0.061338 0.061338 0.061338 v572e0c1f
127	1.0 -0.092756	NaN -0.092756 -0.092756 -0.092756 -0.092756 -0.092756 v572e0c1f
0	1.0 0.009774	NaN 0.009774 0.009774 0.009774 0.009774 0.009774 v57e24711
1	1.0 -0.048573	NaN -0.048573 -0.048573 -0.048573 -0.048573 -0.048573 v57e24711
2	1.0 0.016172	NaN 0.016172 0.016172 0.016172 0.016172 0.016172 v57e24711
3	1.0 -0.060974	NaN -0.060974 -0.060974 -0.060974 -0.060974 -0.060974 v57e24711
4	1.0 0.032040	NaN 0.032040 0.032040 0.032040 0.032040 0.032040 v57e24711
5	1.0 -0.011444	NaN -0.011444 -0.011444 -0.011444 -0.011444 -0.011444 v57e24711
6	1.0 -0.056109	NaN -0.056109 -0.056109 -0.056109 -0.056109 -0.056109 v57e24711
7	1.0 0.068050	NaN 0.068050 0.068050 0.068050 0.068050 0.068050 v57e24711
8	1.0 -0.008475	NaN -0.008475 -0.008475 -0.008475 -0.008475 -0.008475 v57e24711

9	1.0 -0.111689	NaN -0.111689 -0.111689 -0.111689 -0.111689 -0.111689 v57e24711
10	1.0 -0.129218	NaN -0.129218 -0.129218 -0.129218 -0.129218 -0.129218 v57e24711
11	1.0 0.010437	NaN 0.010437 0.010437 0.010437 0.010437 0.010437 v57e24711
12	1.0 0.002527	NaN 0.002527 0.002527 0.002527 0.002527 0.002527 v57e24711
13	1.0 0.022277	NaN 0.022277 0.022277 0.022277 0.022277 0.022277 v57e24711
14	1.0 -0.061292	NaN -0.061292 -0.061292 -0.061292 -0.061292 -0.061292 v57e24711
15	1.0 -0.024928	NaN -0.024928 -0.024928 -0.024928 -0.024928 -0.024928 v57e24711
16	1.0 0.059155	NaN 0.059155 0.059155 0.059155 0.059155 0.059155 v57e24711
17	1.0 -0.063810	NaN -0.063810 -0.063810 -0.063810 -0.063810 -0.063810 v57e24711
18	1.0 -0.066170	NaN -0.066170 -0.066170 -0.066170 -0.066170 -0.066170 v57e24711
19	1.0 -0.004343	NaN -0.004343 -0.004343 -0.004343 -0.004343 -0.004343 v57e24711
20	1.0 -0.022442	NaN -0.022442 -0.022442 -0.022442 -0.022442 -0.022442 v57e24711
21	1.0 0.011051	NaN 0.011051 0.011051 0.011051 0.011051 0.011051 v57e24711
22	1.0 -0.007965	NaN -0.007965 -0.007965 -0.007965 -0.007965 -0.007965 v57e24711
23	1.0 0.096297	NaN 0.096297 0.096297 0.096297 0.096297 0.096297 v57e24711
24	1.0 -0.163655	NaN -0.163655 -0.163655 -0.163655 -0.163655 -0.163655 v57e24711
25	1.0 -0.045200	NaN -0.045200 -0.045200 -0.045200 -0.045200 -0.045200 v57e24711
26	1.0 0.008558	NaN 0.008558 0.008558 0.008558 0.008558 0.008558 v57e24711
27	1.0 0.015754	NaN 0.015754 0.015754 0.015754 0.015754 0.015754 v57e24711
28	1.0 0.002419	NaN 0.002419 0.002419 0.002419 0.002419 0.002419 v57e24711
29	1.0 -0.044281	NaN -0.044281 -0.044281 -0.044281 -0.044281 -0.044281 v57e24711
30	1.0 0.021370	NaN 0.021370 0.021370 0.021370 0.021370 0.021370 v57e24711
31	1.0 0.030928	NaN 0.030928 0.030928 0.030928 0.030928 0.030928 v57e24711
32	1.0 0.096829	NaN 0.096829 0.096829 0.096829 0.096829 0.096829 v57e24711
33	1.0 0.092528	NaN 0.092528 0.092528 0.092528 0.092528 0.092528 v57e24711
34	1.0 -0.046158	NaN -0.046158 -0.046158 -0.046158 -0.046158 -0.046158 v57e24711
35	1.0 -0.104467	NaN -0.104467 -0.104467 -0.104467 -0.104467 -0.104467 v57e24711

```
36    1.0 -0.066756    NaN -0.066756 -0.066756 -0.066756 -0.066756 -0.066756 v57e24711

37    1.0 -0.084367    NaN -0.084367 -0.084367 -0.084367 -0.084367 -0.084367 v57e24711

38    1.0  0.049682    NaN  0.049682  0.049682  0.049682  0.049682  0.049682 v57e24711

39    1.0  0.014831    NaN  0.014831  0.014831  0.014831  0.014831  0.014831 v57e24711

40    1.0 -0.137338    NaN -0.137338 -0.137338 -0.137338 -0.137338 -0.137338 v57e24711

41    1.0 -0.101398    NaN -0.101398 -0.101398 -0.101398 -0.101398 -0.101398 v57e24711

42    1.0  0.039941    NaN  0.039941  0.039941  0.039941  0.039941  0.039941 v57e24711

43    1.0 -0.068518    NaN -0.068518 -0.068518 -0.068518 -0.068518 -0.068518 v57e24711

44    1.0 -0.070064    NaN -0.070064 -0.070064 -0.070064 -0.070064 -0.070064 v57e24711

45    1.0 -0.080232    NaN -0.080232 -0.080232 -0.080232 -0.080232 -0.080232 v57e24711

46    1.0  0.002406    NaN  0.002406  0.002406  0.002406  0.002406  0.002406 v57e24711

47    1.0  0.007886    NaN  0.007886  0.007886  0.007886  0.007886  0.007886 v57e24711

48    1.0 -0.016266    NaN -0.016266 -0.016266 -0.016266 -0.016266 -0.016266 v57e24711

49    1.0 -0.018346    NaN -0.018346 -0.018346 -0.018346 -0.018346 -0.018346 v57e24711

50    1.0 -0.006161    NaN -0.006161 -0.006161 -0.006161 -0.006161 -0.006161 v57e24711

51    1.0  0.010275    NaN  0.010275  0.010275  0.010275  0.010275  0.010275 v57e24711

52    1.0  0.052283    NaN  0.052283  0.052283  0.052283  0.052283  0.052283 v57e24711

53    1.0 -0.131653    NaN -0.131653 -0.131653 -0.131653 -0.131653 -0.131653 v57e24711

54    1.0 -0.011995    NaN -0.011995 -0.011995 -0.011995 -0.011995 -0.011995 v57e24711

55    1.0  0.024464    NaN  0.024464  0.024464  0.024464  0.024464  0.024464 v57e24711

56    1.0  0.007015    NaN  0.007015  0.007015  0.007015  0.007015  0.007015 v57e24711

57    1.0 -0.037887    NaN -0.037887 -0.037887 -0.037887 -0.037887 -0.037887 v57e24711

58    1.0  0.043269    NaN  0.043269  0.043269  0.043269  0.043269  0.043269 v57e24711

59    1.0  0.040965    NaN  0.040965  0.040965  0.040965  0.040965  0.040965 v57e24711

60    1.0  0.083663    NaN  0.083663  0.083663  0.083663  0.083663  0.083663 v57e24711

61    1.0 -0.109389    NaN -0.109389 -0.109389 -0.109389 -0.109389 -0.109389 v57e24711

62    1.0  0.132925    NaN  0.132925  0.132925  0.132925  0.132925  0.132925 v57e24711
```

63	1.0 0.090804	NaN 0.090804 0.090804 0.090804 0.090804 0.090804 v57e24711
64	1.0 -0.120016	NaN -0.120016 -0.120016 -0.120016 -0.120016 -0.120016 v57e24711
65	1.0 0.008949	NaN 0.008949 0.008949 0.008949 0.008949 0.008949 v57e24711
66	1.0 0.021494	NaN 0.021494 0.021494 0.021494 0.021494 0.021494 v57e24711
67	1.0 -0.110107	NaN -0.110107 -0.110107 -0.110107 -0.110107 -0.110107 v57e24711
68	1.0 0.007603	NaN 0.007603 0.007603 0.007603 0.007603 0.007603 v57e24711
69	1.0 0.033846	NaN 0.033846 0.033846 0.033846 0.033846 0.033846 v57e24711
70	1.0 0.064400	NaN 0.064400 0.064400 0.064400 0.064400 0.064400 v57e24711
71	1.0 -0.102816	NaN -0.102816 -0.102816 -0.102816 -0.102816 -0.102816 v57e24711
72	1.0 0.024335	NaN 0.024335 0.024335 0.024335 0.024335 0.024335 v57e24711
73	1.0 0.107389	NaN 0.107389 0.107389 0.107389 0.107389 0.107389 v57e24711
74	1.0 -0.044854	NaN -0.044854 -0.044854 -0.044854 -0.044854 -0.044854 v57e24711
75	1.0 -0.062515	NaN -0.062515 -0.062515 -0.062515 -0.062515 -0.062515 v57e24711
76	1.0 0.034806	NaN 0.034806 0.034806 0.034806 0.034806 0.034806 v57e24711
77	1.0 0.033903	NaN 0.033903 0.033903 0.033903 0.033903 0.033903 v57e24711
78	1.0 -0.112010	NaN -0.112010 -0.112010 -0.112010 -0.112010 -0.112010 v57e24711
79	1.0 0.049657	NaN 0.049657 0.049657 0.049657 0.049657 0.049657 v57e24711
80	1.0 0.041756	NaN 0.041756 0.041756 0.041756 0.041756 0.041756 v57e24711
81	1.0 -0.063544	NaN -0.063544 -0.063544 -0.063544 -0.063544 -0.063544 v57e24711
82	1.0 0.041680	NaN 0.041680 0.041680 0.041680 0.041680 0.041680 v57e24711
83	1.0 -0.063046	NaN -0.063046 -0.063046 -0.063046 -0.063046 -0.063046 v57e24711
84	1.0 -0.103366	NaN -0.103366 -0.103366 -0.103366 -0.103366 -0.103366 v57e24711
85	1.0 -0.109062	NaN -0.109062 -0.109062 -0.109062 -0.109062 -0.109062 v57e24711
86	1.0 0.025148	NaN 0.025148 0.025148 0.025148 0.025148 0.025148 v57e24711
87	1.0 -0.147389	NaN -0.147389 -0.147389 -0.147389 -0.147389 -0.147389 v57e24711
88	1.0 -0.105196	NaN -0.105196 -0.105196 -0.105196 -0.105196 -0.105196 v57e24711
89	1.0 -0.048096	NaN -0.048096 -0.048096 -0.048096 -0.048096 -0.048096 v57e24711

90	1.0 -0.027687	NaN -0.027687 -0.027687 -0.027687 -0.027687 -0.027687 v57e24711
91	1.0 0.025577	NaN 0.025577 0.025577 0.025577 0.025577 0.025577 v57e24711
92	1.0 0.059474	NaN 0.059474 0.059474 0.059474 0.059474 0.059474 v57e24711
93	1.0 -0.072626	NaN -0.072626 -0.072626 -0.072626 -0.072626 -0.072626 v57e24711
94	1.0 -0.005949	NaN -0.005949 -0.005949 -0.005949 -0.005949 -0.005949 v57e24711
95	1.0 0.000495	NaN 0.000495 0.000495 0.000495 0.000495 0.000495 v57e24711
96	1.0 -0.090070	NaN -0.090070 -0.090070 -0.090070 -0.090070 -0.090070 v57e24711
97	1.0 0.032980	NaN 0.032980 0.032980 0.032980 0.032980 0.032980 v57e24711
98	1.0 0.010240	NaN 0.010240 0.010240 0.010240 0.010240 0.010240 v57e24711
99	1.0 -0.137869	NaN -0.137869 -0.137869 -0.137869 -0.137869 -0.137869 v57e24711
100	1.0 -0.035172	NaN -0.035172 -0.035172 -0.035172 -0.035172 -0.035172 v57e24711
101	1.0 0.008207	NaN 0.008207 0.008207 0.008207 0.008207 0.008207 v57e24711
102	1.0 -0.017499	NaN -0.017499 -0.017499 -0.017499 -0.017499 -0.017499 v57e24711
103	1.0 0.098394	NaN 0.098394 0.098394 0.098394 0.098394 0.098394 v57e24711
104	1.0 -0.001176	NaN -0.001176 -0.001176 -0.001176 -0.001176 -0.001176 v57e24711
105	1.0 0.058947	NaN 0.058947 0.058947 0.058947 0.058947 0.058947 v57e24711
106	1.0 -0.112397	NaN -0.112397 -0.112397 -0.112397 -0.112397 -0.112397 v57e24711
107	1.0 -0.088642	NaN -0.088642 -0.088642 -0.088642 -0.088642 -0.088642 v57e24711
108	1.0 0.038735	NaN 0.038735 0.038735 0.038735 0.038735 0.038735 v57e24711
109	1.0 -0.098617	NaN -0.098617 -0.098617 -0.098617 -0.098617 -0.098617 v57e24711
110	1.0 -0.014687	NaN -0.014687 -0.014687 -0.014687 -0.014687 -0.014687 v57e24711
111	1.0 -0.077173	NaN -0.077173 -0.077173 -0.077173 -0.077173 -0.077173 v57e24711
112	1.0 0.010925	NaN 0.010925 0.010925 0.010925 0.010925 0.010925 v57e24711
113	1.0 -0.018252	NaN -0.018252 -0.018252 -0.018252 -0.018252 -0.018252 v57e24711
114	1.0 0.006927	NaN 0.006927 0.006927 0.006927 0.006927 0.006927 v57e24711
115	1.0 0.141954	NaN 0.141954 0.141954 0.141954 0.141954 0.141954 v57e24711
116	1.0 0.033747	NaN 0.033747 0.033747 0.033747 0.033747 0.033747 v57e24711

117	1.0 -0.024782	NaN -0.024782 -0.024782 -0.024782 -0.024782 -0.024782 v57e24711

117   1.0 -0.024782   NaN -0.024782 -0.024782 -0.024782 -0.024782 -0.024782 v57e24711

118   1.0 0.024412   NaN 0.024412 0.024412 0.024412 0.024412 0.024412 v57e24711

119   1.0 -0.017126   NaN -0.017126 -0.017126 -0.017126 -0.017126 -0.017126 v57e24711

120   1.0 0.037195   NaN 0.037195 0.037195 0.037195 0.037195 0.037195 v57e24711

121   1.0 -0.037370   NaN -0.037370 -0.037370 -0.037370 -0.037370 -0.037370 v57e24711

122   1.0 -0.068880   NaN -0.068880 -0.068880 -0.068880 -0.068880 -0.068880 v57e24711

123   1.0 -0.088722   NaN -0.088722 -0.088722 -0.088722 -0.088722 -0.088722 v57e24711

124   1.0 -0.029424   NaN -0.029424 -0.029424 -0.029424 -0.029424 -0.029424 v57e24711

125   1.0 -0.012402   NaN -0.012402 -0.012402 -0.012402 -0.012402 -0.012402 v57e24711

126   1.0 -0.012719   NaN -0.012719 -0.012719 -0.012719 -0.012719 -0.012719 v57e24711

127   1.0 -0.022646   NaN -0.022646 -0.022646 -0.022646 -0.022646 -0.022646 v57e24711

0   1.0 -0.096810   NaN -0.096810 -0.096810 -0.096810 -0.096810 -0.096810 v7f9cf09a

1   1.0 0.049582   NaN 0.049582 0.049582 0.049582 0.049582 0.049582 v7f9cf09a

2   1.0 0.114530   NaN 0.114530 0.114530 0.114530 0.114530 0.114530 v7f9cf09a

3   1.0 -0.004307   NaN -0.004307 -0.004307 -0.004307 -0.004307 -0.004307 v7f9cf09a

4   1.0 -0.065908   NaN -0.065908 -0.065908 -0.065908 -0.065908 -0.065908 v7f9cf09a

5   1.0 -0.025012   NaN -0.025012 -0.025012 -0.025012 -0.025012 -0.025012 v7f9cf09a

6   1.0 -0.006068   NaN -0.006068 -0.006068 -0.006068 -0.006068 -0.006068 v7f9cf09a

7   1.0 0.018077   NaN 0.018077 0.018077 0.018077 0.018077 0.018077 v7f9cf09a

8   1.0 -0.073741   NaN -0.073741 -0.073741 -0.073741 -0.073741 -0.073741 v7f9cf09a

9   1.0 -0.068724   NaN -0.068724 -0.068724 -0.068724 -0.068724 -0.068724 v7f9cf09a

10   1.0 0.016210   NaN 0.016210 0.016210 0.016210 0.016210 0.016210 v7f9cf09a

11   1.0 -0.042153   NaN -0.042153 -0.042153 -0.042153 -0.042153 -0.042153 v7f9cf09a

12   1.0 -0.059996   NaN -0.059996 -0.059996 -0.059996 -0.059996 -0.059996 v7f9cf09a

13   1.0 -0.073759   NaN -0.073759 -0.073759 -0.073759 -0.073759 -0.073759 v7f9cf09a

14   1.0 0.037753   NaN 0.037753 0.037753 0.037753 0.037753 0.037753 v7f9cf09a

15   1.0 -0.034435   NaN -0.034435 -0.034435 -0.034435 -0.034435 -0.034435 v7f9cf09a

16	1.0	0.033802	NaN	0.033802	0.033802	0.033802	0.033802	0.033802	v7f9cf09a
17	1.0	-0.017690	NaN	-0.017690	-0.017690	-0.017690	-0.017690	-0.017690	v7f9cf09a
18	1.0	0.069022	NaN	0.069022	0.069022	0.069022	0.069022	0.069022	v7f9cf09a
19	1.0	-0.063198	NaN	-0.063198	-0.063198	-0.063198	-0.063198	-0.063198	v7f9cf09a
20	1.0	-0.031204	NaN	-0.031204	-0.031204	-0.031204	-0.031204	-0.031204	v7f9cf09a
21	1.0	-0.037036	NaN	-0.037036	-0.037036	-0.037036	-0.037036	-0.037036	v7f9cf09a
22	1.0	0.001241	NaN	0.001241	0.001241	0.001241	0.001241	0.001241	v7f9cf09a
23	1.0	0.025236	NaN	0.025236	0.025236	0.025236	0.025236	0.025236	v7f9cf09a
24	1.0	0.023091	NaN	0.023091	0.023091	0.023091	0.023091	0.023091	v7f9cf09a
25	1.0	0.118577	NaN	0.118577	0.118577	0.118577	0.118577	0.118577	v7f9cf09a
26	1.0	-0.020988	NaN	-0.020988	-0.020988	-0.020988	-0.020988	-0.020988	v7f9cf09a
27	1.0	-0.027764	NaN	-0.027764	-0.027764	-0.027764	-0.027764	-0.027764	v7f9cf09a
28	1.0	-0.048766	NaN	-0.048766	-0.048766	-0.048766	-0.048766	-0.048766	v7f9cf09a
29	1.0	0.114172	NaN	0.114172	0.114172	0.114172	0.114172	0.114172	v7f9cf09a
30	1.0	-0.021769	NaN	-0.021769	-0.021769	-0.021769	-0.021769	-0.021769	v7f9cf09a
31	1.0	0.049105	NaN	0.049105	0.049105	0.049105	0.049105	0.049105	v7f9cf09a
32	1.0	0.081112	NaN	0.081112	0.081112	0.081112	0.081112	0.081112	v7f9cf09a
33	1.0	-0.058814	NaN	-0.058814	-0.058814	-0.058814	-0.058814	-0.058814	v7f9cf09a
34	1.0	0.096069	NaN	0.096069	0.096069	0.096069	0.096069	0.096069	v7f9cf09a
35	1.0	0.006428	NaN	0.006428	0.006428	0.006428	0.006428	0.006428	v7f9cf09a
36	1.0	-0.022520	NaN	-0.022520	-0.022520	-0.022520	-0.022520	-0.022520	v7f9cf09a
37	1.0	-0.035480	NaN	-0.035480	-0.035480	-0.035480	-0.035480	-0.035480	v7f9cf09a
38	1.0	0.080444	NaN	0.080444	0.080444	0.080444	0.080444	0.080444	v7f9cf09a
39	1.0	0.010802	NaN	0.010802	0.010802	0.010802	0.010802	0.010802	v7f9cf09a
40	1.0	-0.040601	NaN	-0.040601	-0.040601	-0.040601	-0.040601	-0.040601	v7f9cf09a
41	1.0	-0.028713	NaN	-0.028713	-0.028713	-0.028713	-0.028713	-0.028713	v7f9cf09a
42	1.0	0.044138	NaN	0.044138	0.044138	0.044138	0.044138	0.044138	v7f9cf09a

43	1.0	0.000977	NaN	0.000977	0.000977	0.000977	0.000977	0.000977	v7f9cf09a
44	1.0	0.078377	NaN	0.078377	0.078377	0.078377	0.078377	0.078377	v7f9cf09a
45	1.0	-0.057481	NaN	-0.057481	-0.057481	-0.057481	-0.057481	-0.057481	v7f9cf09a
46	1.0	0.040503	NaN	0.040503	0.040503	0.040503	0.040503	0.040503	v7f9cf09a
47	1.0	0.092392	NaN	0.092392	0.092392	0.092392	0.092392	0.092392	v7f9cf09a
48	1.0	0.051208	NaN	0.051208	0.051208	0.051208	0.051208	0.051208	v7f9cf09a
49	1.0	0.033931	NaN	0.033931	0.033931	0.033931	0.033931	0.033931	v7f9cf09a
50	1.0	0.077529	NaN	0.077529	0.077529	0.077529	0.077529	0.077529	v7f9cf09a
51	1.0	0.018841	NaN	0.018841	0.018841	0.018841	0.018841	0.018841	v7f9cf09a
52	1.0	-0.016058	NaN	-0.016058	-0.016058	-0.016058	-0.016058	-0.016058	v7f9cf09a
53	1.0	0.041332	NaN	0.041332	0.041332	0.041332	0.041332	0.041332	v7f9cf09a
54	1.0	0.042205	NaN	0.042205	0.042205	0.042205	0.042205	0.042205	v7f9cf09a
55	1.0	0.062856	NaN	0.062856	0.062856	0.062856	0.062856	0.062856	v7f9cf09a
56	1.0	0.043168	NaN	0.043168	0.043168	0.043168	0.043168	0.043168	v7f9cf09a
57	1.0	-0.043675	NaN	-0.043675	-0.043675	-0.043675	-0.043675	-0.043675	v7f9cf09a
58	1.0	0.037913	NaN	0.037913	0.037913	0.037913	0.037913	0.037913	v7f9cf09a
59	1.0	-0.012918	NaN	-0.012918	-0.012918	-0.012918	-0.012918	-0.012918	v7f9cf09a
60	1.0	0.027438	NaN	0.027438	0.027438	0.027438	0.027438	0.027438	v7f9cf09a
61	1.0	-0.037915	NaN	-0.037915	-0.037915	-0.037915	-0.037915	-0.037915	v7f9cf09a
62	1.0	0.014149	NaN	0.014149	0.014149	0.014149	0.014149	0.014149	v7f9cf09a
63	1.0	0.066953	NaN	0.066953	0.066953	0.066953	0.066953	0.066953	v7f9cf09a
64	1.0	0.055739	NaN	0.055739	0.055739	0.055739	0.055739	0.055739	v7f9cf09a
65	1.0	0.088469	NaN	0.088469	0.088469	0.088469	0.088469	0.088469	v7f9cf09a
66	1.0	0.048837	NaN	0.048837	0.048837	0.048837	0.048837	0.048837	v7f9cf09a
67	1.0	0.012870	NaN	0.012870	0.012870	0.012870	0.012870	0.012870	v7f9cf09a
68	1.0	-0.033064	NaN	-0.033064	-0.033064	-0.033064	-0.033064	-0.033064	v7f9cf09a
69	1.0	-0.019295	NaN	-0.019295	-0.019295	-0.019295	-0.019295	-0.019295	v7f9cf09a

70	1.0 0.037977	NaN 0.037977 0.037977 0.037977 0.037977 0.037977 v7f9cf09a
71	1.0 0.072256	NaN 0.072256 0.072256 0.072256 0.072256 0.072256 v7f9cf09a
72	1.0 -0.035185	NaN -0.035185 -0.035185 -0.035185 -0.035185 -0.035185 v7f9cf09a
73	1.0 0.019998	NaN 0.019998 0.019998 0.019998 0.019998 0.019998 v7f9cf09a
74	1.0 -0.038958	NaN -0.038958 -0.038958 -0.038958 -0.038958 -0.038958 v7f9cf09a
75	1.0 0.029259	NaN 0.029259 0.029259 0.029259 0.029259 0.029259 v7f9cf09a
76	1.0 -0.019253	NaN -0.019253 -0.019253 -0.019253 -0.019253 -0.019253 v7f9cf09a
77	1.0 -0.000709	NaN -0.000709 -0.000709 -0.000709 -0.000709 -0.000709 v7f9cf09a
78	1.0 -0.067675	NaN -0.067675 -0.067675 -0.067675 -0.067675 -0.067675 v7f9cf09a
79	1.0 -0.034377	NaN -0.034377 -0.034377 -0.034377 -0.034377 -0.034377 v7f9cf09a
80	1.0 0.083093	NaN 0.083093 0.083093 0.083093 0.083093 0.083093 v7f9cf09a
81	1.0 -0.117569	NaN -0.117569 -0.117569 -0.117569 -0.117569 -0.117569 v7f9cf09a
82	1.0 -0.086799	NaN -0.086799 -0.086799 -0.086799 -0.086799 -0.086799 v7f9cf09a
83	1.0 0.066722	NaN 0.066722 0.066722 0.066722 0.066722 0.066722 v7f9cf09a
84	1.0 -0.066508	NaN -0.066508 -0.066508 -0.066508 -0.066508 -0.066508 v7f9cf09a
85	1.0 -0.066320	NaN -0.066320 -0.066320 -0.066320 -0.066320 -0.066320 v7f9cf09a
86	1.0 0.037140	NaN 0.037140 0.037140 0.037140 0.037140 0.037140 v7f9cf09a
87	1.0 0.081888	NaN 0.081888 0.081888 0.081888 0.081888 0.081888 v7f9cf09a
88	1.0 -0.074946	NaN -0.074946 -0.074946 -0.074946 -0.074946 -0.074946 v7f9cf09a
89	1.0 -0.007612	NaN -0.007612 -0.007612 -0.007612 -0.007612 -0.007612 v7f9cf09a
90	1.0 0.015367	NaN 0.015367 0.015367 0.015367 0.015367 0.015367 v7f9cf09a
91	1.0 -0.079583	NaN -0.079583 -0.079583 -0.079583 -0.079583 -0.079583 v7f9cf09a
92	1.0 -0.006113	NaN -0.006113 -0.006113 -0.006113 -0.006113 -0.006113 v7f9cf09a
93	1.0 -0.002038	NaN -0.002038 -0.002038 -0.002038 -0.002038 -0.002038 v7f9cf09a
94	1.0 0.037881	NaN 0.037881 0.037881 0.037881 0.037881 0.037881 v7f9cf09a
95	1.0 -0.021528	NaN -0.021528 -0.021528 -0.021528 -0.021528 -0.021528 v7f9cf09a
96	1.0 0.001621	NaN 0.001621 0.001621 0.001621 0.001621 0.001621 v7f9cf09a

97	1.0	0.068046	NaN	0.068046	0.068046	0.068046	0.068046	0.068046	v7f9cf09a
98	1.0	-0.009816	NaN	-0.009816	-0.009816	-0.009816	-0.009816	-0.009816	v7f9cf09a
99	1.0	0.060840	NaN	0.060840	0.060840	0.060840	0.060840	0.060840	v7f9cf09a
100	1.0	0.045683	NaN	0.045683	0.045683	0.045683	0.045683	0.045683	v7f9cf09a
101	1.0	-0.025753	NaN	-0.025753	-0.025753	-0.025753	-0.025753	-0.025753	v7f9cf09a
102	1.0	0.018379	NaN	0.018379	0.018379	0.018379	0.018379	0.018379	v7f9cf09a
103	1.0	-0.018900	NaN	-0.018900	-0.018900	-0.018900	-0.018900	-0.018900	v7f9cf09a
104	1.0	-0.072411	NaN	-0.072411	-0.072411	-0.072411	-0.072411	-0.072411	v7f9cf09a
105	1.0	0.016846	NaN	0.016846	0.016846	0.016846	0.016846	0.016846	v7f9cf09a
106	1.0	-0.064107	NaN	-0.064107	-0.064107	-0.064107	-0.064107	-0.064107	v7f9cf09a
107	1.0	0.085721	NaN	0.085721	0.085721	0.085721	0.085721	0.085721	v7f9cf09a
108	1.0	-0.025516	NaN	-0.025516	-0.025516	-0.025516	-0.025516	-0.025516	v7f9cf09a
109	1.0	0.062875	NaN	0.062875	0.062875	0.062875	0.062875	0.062875	v7f9cf09a
110	1.0	-0.025054	NaN	-0.025054	-0.025054	-0.025054	-0.025054	-0.025054	v7f9cf09a
111	1.0	0.006676	NaN	0.006676	0.006676	0.006676	0.006676	0.006676	v7f9cf09a
112	1.0	0.003628	NaN	0.003628	0.003628	0.003628	0.003628	0.003628	v7f9cf09a
113	1.0	-0.113448	NaN	-0.113448	-0.113448	-0.113448	-0.113448	-0.113448	v7f9cf09a
114	1.0	0.043489	NaN	0.043489	0.043489	0.043489	0.043489	0.043489	v7f9cf09a
115	1.0	0.074813	NaN	0.074813	0.074813	0.074813	0.074813	0.074813	v7f9cf09a
116	1.0	0.035004	NaN	0.035004	0.035004	0.035004	0.035004	0.035004	v7f9cf09a
117	1.0	-0.053297	NaN	-0.053297	-0.053297	-0.053297	-0.053297	-0.053297	v7f9cf09a
118	1.0	0.016563	NaN	0.016563	0.016563	0.016563	0.016563	0.016563	v7f9cf09a
119	1.0	-0.058588	NaN	-0.058588	-0.058588	-0.058588	-0.058588	-0.058588	v7f9cf09a
120	1.0	0.019342	NaN	0.019342	0.019342	0.019342	0.019342	0.019342	v7f9cf09a
121	1.0	-0.076028	NaN	-0.076028	-0.076028	-0.076028	-0.076028	-0.076028	v7f9cf09a
122	1.0	-0.109542	NaN	-0.109542	-0.109542	-0.109542	-0.109542	-0.109542	v7f9cf09a
123	1.0	-0.063183	NaN	-0.063183	-0.063183	-0.063183	-0.063183	-0.063183	v7f9cf09a

124	1.0 -0.010249	NaN -0.010249 -0.010249 -0.010249 -0.010249 -0.010249 v7f9cf09a
125	1.0 0.021565	NaN 0.021565 0.021565 0.021565 0.021565 0.021565 v7f9cf09a
126	1.0 0.028477	NaN 0.028477 0.028477 0.028477 0.028477 0.028477 v7f9cf09a
127	1.0 0.039201	NaN 0.039201 0.039201 0.039201 0.039201 0.039201 v7f9cf09a
0	1.0 0.037593	NaN 0.037593 0.037593 0.037593 0.037593 0.037593 v873d6476
1	1.0 -0.134930	NaN -0.134930 -0.134930 -0.134930 -0.134930 -0.134930 v873d6476
2	1.0 0.065970	NaN 0.065970 0.065970 0.065970 0.065970 0.065970 v873d6476
3	1.0 0.000832	NaN 0.000832 0.000832 0.000832 0.000832 0.000832 v873d6476
4	1.0 -0.032014	NaN -0.032014 -0.032014 -0.032014 -0.032014 -0.032014 v873d6476
5	1.0 -0.025166	NaN -0.025166 -0.025166 -0.025166 -0.025166 -0.025166 v873d6476
6	1.0 0.063232	NaN 0.063232 0.063232 0.063232 0.063232 0.063232 v873d6476
7	1.0 -0.005267	NaN -0.005267 -0.005267 -0.005267 -0.005267 -0.005267 v873d6476
8	1.0 0.090638	NaN 0.090638 0.090638 0.090638 0.090638 0.090638 v873d6476
9	1.0 -0.025019	NaN -0.025019 -0.025019 -0.025019 -0.025019 -0.025019 v873d6476
10	1.0 -0.100951	NaN -0.100951 -0.100951 -0.100951 -0.100951 -0.100951 v873d6476
11	1.0 0.114929	NaN 0.114929 0.114929 0.114929 0.114929 0.114929 v873d6476
12	1.0 0.128192	NaN 0.128192 0.128192 0.128192 0.128192 0.128192 v873d6476
13	1.0 0.107233	NaN 0.107233 0.107233 0.107233 0.107233 0.107233 v873d6476
14	1.0 0.031235	NaN 0.031235 0.031235 0.031235 0.031235 0.031235 v873d6476
15	1.0 -0.049734	NaN -0.049734 -0.049734 -0.049734 -0.049734 -0.049734 v873d6476
16	1.0 0.126807	NaN 0.126807 0.126807 0.126807 0.126807 0.126807 v873d6476
17	1.0 0.001766	NaN 0.001766 0.001766 0.001766 0.001766 0.001766 v873d6476
18	1.0 0.085885	NaN 0.085885 0.085885 0.085885 0.085885 0.085885 v873d6476
19	1.0 0.056109	NaN 0.056109 0.056109 0.056109 0.056109 0.056109 v873d6476
20	1.0 -0.032008	NaN -0.032008 -0.032008 -0.032008 -0.032008 -0.032008 v873d6476
21	1.0 0.024958	NaN 0.024958 0.024958 0.024958 0.024958 0.024958 v873d6476
22	1.0 -0.074928	NaN -0.074928 -0.074928 -0.074928 -0.074928 -0.074928 v873d6476

23	1.0	0.082986	NaN	0.082986	0.082986	0.082986	0.082986	0.082986	v873d6476
24	1.0	-0.114014	NaN	-0.114014	-0.114014	-0.114014	-0.114014	-0.114014	v873d6476
25	1.0	-0.065306	NaN	-0.065306	-0.065306	-0.065306	-0.065306	-0.065306	v873d6476
26	1.0	-0.031348	NaN	-0.031348	-0.031348	-0.031348	-0.031348	-0.031348	v873d6476
27	1.0	-0.014365	NaN	-0.014365	-0.014365	-0.014365	-0.014365	-0.014365	v873d6476
28	1.0	0.170123	NaN	0.170123	0.170123	0.170123	0.170123	0.170123	v873d6476
29	1.0	0.012190	NaN	0.012190	0.012190	0.012190	0.012190	0.012190	v873d6476
30	1.0	-0.078146	NaN	-0.078146	-0.078146	-0.078146	-0.078146	-0.078146	v873d6476
31	1.0	-0.006568	NaN	-0.006568	-0.006568	-0.006568	-0.006568	-0.006568	v873d6476
32	1.0	0.129323	NaN	0.129323	0.129323	0.129323	0.129323	0.129323	v873d6476
33	1.0	0.033874	NaN	0.033874	0.033874	0.033874	0.033874	0.033874	v873d6476
34	1.0	0.019334	NaN	0.019334	0.019334	0.019334	0.019334	0.019334	v873d6476
35	1.0	-0.052404	NaN	-0.052404	-0.052404	-0.052404	-0.052404	-0.052404	v873d6476
36	1.0	-0.037728	NaN	-0.037728	-0.037728	-0.037728	-0.037728	-0.037728	v873d6476
37	1.0	0.061347	NaN	0.061347	0.061347	0.061347	0.061347	0.061347	v873d6476
38	1.0	0.046566	NaN	0.046566	0.046566	0.046566	0.046566	0.046566	v873d6476
39	1.0	-0.064017	NaN	-0.064017	-0.064017	-0.064017	-0.064017	-0.064017	v873d6476
40	1.0	0.037980	NaN	0.037980	0.037980	0.037980	0.037980	0.037980	v873d6476
41	1.0	0.104763	NaN	0.104763	0.104763	0.104763	0.104763	0.104763	v873d6476
42	1.0	0.075437	NaN	0.075437	0.075437	0.075437	0.075437	0.075437	v873d6476
43	1.0	0.024373	NaN	0.024373	0.024373	0.024373	0.024373	0.024373	v873d6476
44	1.0	0.054389	NaN	0.054389	0.054389	0.054389	0.054389	0.054389	v873d6476
45	1.0	-0.131702	NaN	-0.131702	-0.131702	-0.131702	-0.131702	-0.131702	v873d6476
46	1.0	-0.122332	NaN	-0.122332	-0.122332	-0.122332	-0.122332	-0.122332	v873d6476
47	1.0	0.095622	NaN	0.095622	0.095622	0.095622	0.095622	0.095622	v873d6476
48	1.0	0.081325	NaN	0.081325	0.081325	0.081325	0.081325	0.081325	v873d6476
49	1.0	-0.038076	NaN	-0.038076	-0.038076	-0.038076	-0.038076	-0.038076	v873d6476

50	1.0	-0.187864	NaN	-0.187864	-0.187864	-0.187864	-0.187864	-0.187864	v873d6476
51	1.0	0.154894	NaN	0.154894	0.154894	0.154894	0.154894	0.154894	v873d6476
52	1.0	0.063480	NaN	0.063480	0.063480	0.063480	0.063480	0.063480	v873d6476
53	1.0	0.036725	NaN	0.036725	0.036725	0.036725	0.036725	0.036725	v873d6476
54	1.0	0.000045	NaN	0.000045	0.000045	0.000045	0.000045	0.000045	v873d6476
55	1.0	-0.127794	NaN	-0.127794	-0.127794	-0.127794	-0.127794	-0.127794	v873d6476
56	1.0	-0.032539	NaN	-0.032539	-0.032539	-0.032539	-0.032539	-0.032539	v873d6476
57	1.0	0.066330	NaN	0.066330	0.066330	0.066330	0.066330	0.066330	v873d6476
58	1.0	-0.080094	NaN	-0.080094	-0.080094	-0.080094	-0.080094	-0.080094	v873d6476
59	1.0	-0.085945	NaN	-0.085945	-0.085945	-0.085945	-0.085945	-0.085945	v873d6476
60	1.0	0.064290	NaN	0.064290	0.064290	0.064290	0.064290	0.064290	v873d6476
61	1.0	-0.056738	NaN	-0.056738	-0.056738	-0.056738	-0.056738	-0.056738	v873d6476
62	1.0	-0.002450	NaN	-0.002450	-0.002450	-0.002450	-0.002450	-0.002450	v873d6476
63	1.0	0.085729	NaN	0.085729	0.085729	0.085729	0.085729	0.085729	v873d6476
64	1.0	-0.103818	NaN	-0.103818	-0.103818	-0.103818	-0.103818	-0.103818	v873d6476
65	1.0	0.065510	NaN	0.065510	0.065510	0.065510	0.065510	0.065510	v873d6476
66	1.0	0.070831	NaN	0.070831	0.070831	0.070831	0.070831	0.070831	v873d6476
67	1.0	-0.007808	NaN	-0.007808	-0.007808	-0.007808	-0.007808	-0.007808	v873d6476
68	1.0	0.068642	NaN	0.068642	0.068642	0.068642	0.068642	0.068642	v873d6476
69	1.0	0.086339	NaN	0.086339	0.086339	0.086339	0.086339	0.086339	v873d6476
70	1.0	-0.061022	NaN	-0.061022	-0.061022	-0.061022	-0.061022	-0.061022	v873d6476
71	1.0	-0.057589	NaN	-0.057589	-0.057589	-0.057589	-0.057589	-0.057589	v873d6476
72	1.0	0.045538	NaN	0.045538	0.045538	0.045538	0.045538	0.045538	v873d6476
73	1.0	0.114046	NaN	0.114046	0.114046	0.114046	0.114046	0.114046	v873d6476
74	1.0	0.065842	NaN	0.065842	0.065842	0.065842	0.065842	0.065842	v873d6476
75	1.0	0.001319	NaN	0.001319	0.001319	0.001319	0.001319	0.001319	v873d6476
76	1.0	0.066085	NaN	0.066085	0.066085	0.066085	0.066085	0.066085	v873d6476

77	1.0	0.071092	NaN	0.071092	0.071092	0.071092	0.071092	0.071092	v873d6476
78	1.0	-0.103654	NaN	-0.103654	-0.103654	-0.103654	-0.103654	-0.103654	v873d6476
79	1.0	0.117395	NaN	0.117395	0.117395	0.117395	0.117395	0.117395	v873d6476
80	1.0	-0.138758	NaN	-0.138758	-0.138758	-0.138758	-0.138758	-0.138758	v873d6476
81	1.0	0.041097	NaN	0.041097	0.041097	0.041097	0.041097	0.041097	v873d6476
82	1.0	0.045927	NaN	0.045927	0.045927	0.045927	0.045927	0.045927	v873d6476
83	1.0	0.020282	NaN	0.020282	0.020282	0.020282	0.020282	0.020282	v873d6476
84	1.0	0.094680	NaN	0.094680	0.094680	0.094680	0.094680	0.094680	v873d6476
85	1.0	-0.027595	NaN	-0.027595	-0.027595	-0.027595	-0.027595	-0.027595	v873d6476
86	1.0	0.039722	NaN	0.039722	0.039722	0.039722	0.039722	0.039722	v873d6476
87	1.0	0.102870	NaN	0.102870	0.102870	0.102870	0.102870	0.102870	v873d6476
88	1.0	0.017024	NaN	0.017024	0.017024	0.017024	0.017024	0.017024	v873d6476
89	1.0	-0.135017	NaN	-0.135017	-0.135017	-0.135017	-0.135017	-0.135017	v873d6476
90	1.0	-0.092539	NaN	-0.092539	-0.092539	-0.092539	-0.092539	-0.092539	v873d6476
91	1.0	0.005109	NaN	0.005109	0.005109	0.005109	0.005109	0.005109	v873d6476
92	1.0	-0.017542	NaN	-0.017542	-0.017542	-0.017542	-0.017542	-0.017542	v873d6476
93	1.0	0.061501	NaN	0.061501	0.061501	0.061501	0.061501	0.061501	v873d6476
94	1.0	-0.091712	NaN	-0.091712	-0.091712	-0.091712	-0.091712	-0.091712	v873d6476
95	1.0	0.051268	NaN	0.051268	0.051268	0.051268	0.051268	0.051268	v873d6476
96	1.0	-0.079956	NaN	-0.079956	-0.079956	-0.079956	-0.079956	-0.079956	v873d6476
97	1.0	-0.040706	NaN	-0.040706	-0.040706	-0.040706	-0.040706	-0.040706	v873d6476
98	1.0	0.093753	NaN	0.093753	0.093753	0.093753	0.093753	0.093753	v873d6476
99	1.0	-0.085004	NaN	-0.085004	-0.085004	-0.085004	-0.085004	-0.085004	v873d6476
100	1.0	0.046846	NaN	0.046846	0.046846	0.046846	0.046846	0.046846	v873d6476
101	1.0	-0.012570	NaN	-0.012570	-0.012570	-0.012570	-0.012570	-0.012570	v873d6476
102	1.0	-0.048470	NaN	-0.048470	-0.048470	-0.048470	-0.048470	-0.048470	v873d6476
103	1.0	0.078033	NaN	0.078033	0.078033	0.078033	0.078033	0.078033	v873d6476

104	1.0	0.009939	NaN	0.009939	0.009939	0.009939	0.009939	0.009939	v873d6476
105	1.0	-0.039902	NaN	-0.039902	-0.039902	-0.039902	-0.039902	-0.039902	v873d6476
106	1.0	0.020617	NaN	0.020617	0.020617	0.020617	0.020617	0.020617	v873d6476
107	1.0	-0.014680	NaN	-0.014680	-0.014680	-0.014680	-0.014680	-0.014680	v873d6476
108	1.0	0.048282	NaN	0.048282	0.048282	0.048282	0.048282	0.048282	v873d6476
109	1.0	0.106590	NaN	0.106590	0.106590	0.106590	0.106590	0.106590	v873d6476
110	1.0	0.016177	NaN	0.016177	0.016177	0.016177	0.016177	0.016177	v873d6476
111	1.0	0.044218	NaN	0.044218	0.044218	0.044218	0.044218	0.044218	v873d6476
112	1.0	0.093367	NaN	0.093367	0.093367	0.093367	0.093367	0.093367	v873d6476
113	1.0	0.075830	NaN	0.075830	0.075830	0.075830	0.075830	0.075830	v873d6476
114	1.0	0.007738	NaN	0.007738	0.007738	0.007738	0.007738	0.007738	v873d6476
115	1.0	-0.059926	NaN	-0.059926	-0.059926	-0.059926	-0.059926	-0.059926	v873d6476
116	1.0	0.120383	NaN	0.120383	0.120383	0.120383	0.120383	0.120383	v873d6476
117	1.0	0.104628	NaN	0.104628	0.104628	0.104628	0.104628	0.104628	v873d6476
118	1.0	-0.085776	NaN	-0.085776	-0.085776	-0.085776	-0.085776	-0.085776	v873d6476
119	1.0	-0.014068	NaN	-0.014068	-0.014068	-0.014068	-0.014068	-0.014068	v873d6476
120	1.0	-0.004916	NaN	-0.004916	-0.004916	-0.004916	-0.004916	-0.004916	v873d6476
121	1.0	0.032025	NaN	0.032025	0.032025	0.032025	0.032025	0.032025	v873d6476
122	1.0	-0.098154	NaN	-0.098154	-0.098154	-0.098154	-0.098154	-0.098154	v873d6476
123	1.0	-0.018824	NaN	-0.018824	-0.018824	-0.018824	-0.018824	-0.018824	v873d6476
124	1.0	0.042801	NaN	0.042801	0.042801	0.042801	0.042801	0.042801	v873d6476
125	1.0	-0.028444	NaN	-0.028444	-0.028444	-0.028444	-0.028444	-0.028444	v873d6476
126	1.0	0.165445	NaN	0.165445	0.165445	0.165445	0.165445	0.165445	v873d6476
127	1.0	-0.005095	NaN	-0.005095	-0.005095	-0.005095	-0.005095	-0.005095	v873d6476
0	1.0	0.064692	NaN	0.064692	0.064692	0.064692	0.064692	0.064692	vc1857f72
1	1.0	-0.086835	NaN	-0.086835	-0.086835	-0.086835	-0.086835	-0.086835	vc1857f72
2	1.0	0.138512	NaN	0.138512	0.138512	0.138512	0.138512	0.138512	vc1857f72

3	1.0	-0.050392	NaN	-0.050392	-0.050392	-0.050392	-0.050392	-0.050392	vc1857f72
4	1.0	0.043207	NaN	0.043207	0.043207	0.043207	0.043207	0.043207	vc1857f72
5	1.0	-0.119605	NaN	-0.119605	-0.119605	-0.119605	-0.119605	-0.119605	vc1857f72
6	1.0	-0.056315	NaN	-0.056315	-0.056315	-0.056315	-0.056315	-0.056315	vc1857f72
7	1.0	-0.011556	NaN	-0.011556	-0.011556	-0.011556	-0.011556	-0.011556	vc1857f72
8	1.0	-0.149401	NaN	-0.149401	-0.149401	-0.149401	-0.149401	-0.149401	vc1857f72
9	1.0	0.007214	NaN	0.007214	0.007214	0.007214	0.007214	0.007214	vc1857f72
10	1.0	-0.029093	NaN	-0.029093	-0.029093	-0.029093	-0.029093	-0.029093	vc1857f72
11	1.0	-0.034269	NaN	-0.034269	-0.034269	-0.034269	-0.034269	-0.034269	vc1857f72
12	1.0	0.023694	NaN	0.023694	0.023694	0.023694	0.023694	0.023694	vc1857f72
13	1.0	0.093144	NaN	0.093144	0.093144	0.093144	0.093144	0.093144	vc1857f72
14	1.0	-0.037542	NaN	-0.037542	-0.037542	-0.037542	-0.037542	-0.037542	vc1857f72
15	1.0	-0.025133	NaN	-0.025133	-0.025133	-0.025133	-0.025133	-0.025133	vc1857f72
16	1.0	0.058568	NaN	0.058568	0.058568	0.058568	0.058568	0.058568	vc1857f72
17	1.0	-0.085709	NaN	-0.085709	-0.085709	-0.085709	-0.085709	-0.085709	vc1857f72
18	1.0	-0.038817	NaN	-0.038817	-0.038817	-0.038817	-0.038817	-0.038817	vc1857f72
19	1.0	-0.022610	NaN	-0.022610	-0.022610	-0.022610	-0.022610	-0.022610	vc1857f72
20	1.0	0.039207	NaN	0.039207	0.039207	0.039207	0.039207	0.039207	vc1857f72
21	1.0	-0.185648	NaN	-0.185648	-0.185648	-0.185648	-0.185648	-0.185648	vc1857f72
22	1.0	-0.039995	NaN	-0.039995	-0.039995	-0.039995	-0.039995	-0.039995	vc1857f72
23	1.0	0.018938	NaN	0.018938	0.018938	0.018938	0.018938	0.018938	vc1857f72
24	1.0	0.026996	NaN	0.026996	0.026996	0.026996	0.026996	0.026996	vc1857f72
25	1.0	-0.191697	NaN	-0.191697	-0.191697	-0.191697	-0.191697	-0.191697	vc1857f72
26	1.0	-0.096192	NaN	-0.096192	-0.096192	-0.096192	-0.096192	-0.096192	vc1857f72
27	1.0	-0.059087	NaN	-0.059087	-0.059087	-0.059087	-0.059087	-0.059087	vc1857f72
28	1.0	0.040300	NaN	0.040300	0.040300	0.040300	0.040300	0.040300	vc1857f72
29	1.0	-0.050249	NaN	-0.050249	-0.050249	-0.050249	-0.050249	-0.050249	vc1857f72

30	1.0 -0.155121	NaN -0.155121 -0.155121 -0.155121 -0.155121 -0.155121 vc1857f72
31	1.0 0.075970	NaN 0.075970 0.075970 0.075970 0.075970 0.075970 vc1857f72
32	1.0 0.090121	NaN 0.090121 0.090121 0.090121 0.090121 0.090121 vc1857f72
33	1.0 0.025248	NaN 0.025248 0.025248 0.025248 0.025248 0.025248 vc1857f72
34	1.0 0.101939	NaN 0.101939 0.101939 0.101939 0.101939 0.101939 vc1857f72
35	1.0 -0.025965	NaN -0.025965 -0.025965 -0.025965 -0.025965 -0.025965 vc1857f72
36	1.0 0.043285	NaN 0.043285 0.043285 0.043285 0.043285 0.043285 vc1857f72
37	1.0 0.142041	NaN 0.142041 0.142041 0.142041 0.142041 0.142041 vc1857f72
38	1.0 0.057935	NaN 0.057935 0.057935 0.057935 0.057935 0.057935 vc1857f72
39	1.0 -0.123783	NaN -0.123783 -0.123783 -0.123783 -0.123783 -0.123783 vc1857f72
40	1.0 -0.082707	NaN -0.082707 -0.082707 -0.082707 -0.082707 -0.082707 vc1857f72
41	1.0 0.051873	NaN 0.051873 0.051873 0.051873 0.051873 0.051873 vc1857f72
42	1.0 -0.016833	NaN -0.016833 -0.016833 -0.016833 -0.016833 -0.016833 vc1857f72
43	1.0 0.058530	NaN 0.058530 0.058530 0.058530 0.058530 0.058530 vc1857f72
44	1.0 0.015908	NaN 0.015908 0.015908 0.015908 0.015908 0.015908 vc1857f72
45	1.0 0.130917	NaN 0.130917 0.130917 0.130917 0.130917 0.130917 vc1857f72
46	1.0 0.057724	NaN 0.057724 0.057724 0.057724 0.057724 0.057724 vc1857f72
47	1.0 -0.007344	NaN -0.007344 -0.007344 -0.007344 -0.007344 -0.007344 vc1857f72
48	1.0 -0.133446	NaN -0.133446 -0.133446 -0.133446 -0.133446 -0.133446 vc1857f72
49	1.0 -0.087471	NaN -0.087471 -0.087471 -0.087471 -0.087471 -0.087471 vc1857f72
50	1.0 -0.133725	NaN -0.133725 -0.133725 -0.133725 -0.133725 -0.133725 vc1857f72
51	1.0 0.133461	NaN 0.133461 0.133461 0.133461 0.133461 0.133461 vc1857f72
52	1.0 -0.027881	NaN -0.027881 -0.027881 -0.027881 -0.027881 -0.027881 vc1857f72
53	1.0 -0.018155	NaN -0.018155 -0.018155 -0.018155 -0.018155 -0.018155 vc1857f72
54	1.0 -0.010148	NaN -0.010148 -0.010148 -0.010148 -0.010148 -0.010148 vc1857f72
55	1.0 -0.048063	NaN -0.048063 -0.048063 -0.048063 -0.048063 -0.048063 vc1857f72
56	1.0 -0.011901	NaN -0.011901 -0.011901 -0.011901 -0.011901 -0.011901 vc1857f72

57	1.0	0.105594	NaN	0.105594	0.105594	0.105594	0.105594	0.105594	vc1857f72
58	1.0	0.096410	NaN	0.096410	0.096410	0.096410	0.096410	0.096410	vc1857f72
59	1.0	-0.038094	NaN	-0.038094	-0.038094	-0.038094	-0.038094	-0.038094	vc1857f72
60	1.0	0.009396	NaN	0.009396	0.009396	0.009396	0.009396	0.009396	vc1857f72
61	1.0	0.051267	NaN	0.051267	0.051267	0.051267	0.051267	0.051267	vc1857f72
62	1.0	-0.079844	NaN	-0.079844	-0.079844	-0.079844	-0.079844	-0.079844	vc1857f72
63	1.0	0.118581	NaN	0.118581	0.118581	0.118581	0.118581	0.118581	vc1857f72
64	1.0	-0.085893	NaN	-0.085893	-0.085893	-0.085893	-0.085893	-0.085893	vc1857f72
65	1.0	0.028084	NaN	0.028084	0.028084	0.028084	0.028084	0.028084	vc1857f72
66	1.0	0.009025	NaN	0.009025	0.009025	0.009025	0.009025	0.009025	vc1857f72
67	1.0	-0.026519	NaN	-0.026519	-0.026519	-0.026519	-0.026519	-0.026519	vc1857f72
68	1.0	0.013346	NaN	0.013346	0.013346	0.013346	0.013346	0.013346	vc1857f72
69	1.0	0.054607	NaN	0.054607	0.054607	0.054607	0.054607	0.054607	vc1857f72
70	1.0	0.054929	NaN	0.054929	0.054929	0.054929	0.054929	0.054929	vc1857f72
71	1.0	0.000458	NaN	0.000458	0.000458	0.000458	0.000458	0.000458	vc1857f72
72	1.0	-0.005341	NaN	-0.005341	-0.005341	-0.005341	-0.005341	-0.005341	vc1857f72
73	1.0	-0.093487	NaN	-0.093487	-0.093487	-0.093487	-0.093487	-0.093487	vc1857f72
74	1.0	0.039641	NaN	0.039641	0.039641	0.039641	0.039641	0.039641	vc1857f72
75	1.0	0.108722	NaN	0.108722	0.108722	0.108722	0.108722	0.108722	vc1857f72
76	1.0	0.027114	NaN	0.027114	0.027114	0.027114	0.027114	0.027114	vc1857f72
77	1.0	-0.049459	NaN	-0.049459	-0.049459	-0.049459	-0.049459	-0.049459	vc1857f72
78	1.0	0.049952	NaN	0.049952	0.049952	0.049952	0.049952	0.049952	vc1857f72
79	1.0	0.012216	NaN	0.012216	0.012216	0.012216	0.012216	0.012216	vc1857f72
80	1.0	-0.022882	NaN	-0.022882	-0.022882	-0.022882	-0.022882	-0.022882	vc1857f72
81	1.0	-0.084167	NaN	-0.084167	-0.084167	-0.084167	-0.084167	-0.084167	vc1857f72
82	1.0	-0.169976	NaN	-0.169976	-0.169976	-0.169976	-0.169976	-0.169976	vc1857f72
83	1.0	-0.038096	NaN	-0.038096	-0.038096	-0.038096	-0.038096	-0.038096	vc1857f72

84	1.0 -0.068333	NaN -0.068333 -0.068333 -0.068333 -0.068333 -0.068333 vc1857f72
85	1.0 0.041523	NaN 0.041523 0.041523 0.041523 0.041523 0.041523 vc1857f72
86	1.0 0.021954	NaN 0.021954 0.021954 0.021954 0.021954 0.021954 vc1857f72
87	1.0 -0.037328	NaN -0.037328 -0.037328 -0.037328 -0.037328 -0.037328 vc1857f72
88	1.0 -0.152457	NaN -0.152457 -0.152457 -0.152457 -0.152457 -0.152457 vc1857f72
89	1.0 -0.141538	NaN -0.141538 -0.141538 -0.141538 -0.141538 -0.141538 vc1857f72
90	1.0 -0.185216	NaN -0.185216 -0.185216 -0.185216 -0.185216 -0.185216 vc1857f72
91	1.0 0.035293	NaN 0.035293 0.035293 0.035293 0.035293 0.035293 vc1857f72
92	1.0 0.051942	NaN 0.051942 0.051942 0.051942 0.051942 0.051942 vc1857f72
93	1.0 0.152277	NaN 0.152277 0.152277 0.152277 0.152277 0.152277 vc1857f72
94	1.0 -0.142466	NaN -0.142466 -0.142466 -0.142466 -0.142466 -0.142466 vc1857f72
95	1.0 -0.004424	NaN -0.004424 -0.004424 -0.004424 -0.004424 -0.004424 vc1857f72
96	1.0 0.137436	NaN 0.137436 0.137436 0.137436 0.137436 0.137436 vc1857f72
97	1.0 0.070839	NaN 0.070839 0.070839 0.070839 0.070839 0.070839 vc1857f72
98	1.0 -0.021973	NaN -0.021973 -0.021973 -0.021973 -0.021973 -0.021973 vc1857f72
99	1.0 0.005933	NaN 0.005933 0.005933 0.005933 0.005933 0.005933 vc1857f72
100	1.0 0.013916	NaN 0.013916 0.013916 0.013916 0.013916 0.013916 vc1857f72
101	1.0 -0.086631	NaN -0.086631 -0.086631 -0.086631 -0.086631 -0.086631 vc1857f72
102	1.0 0.001179	NaN 0.001179 0.001179 0.001179 0.001179 0.001179 vc1857f72
103	1.0 -0.035876	NaN -0.035876 -0.035876 -0.035876 -0.035876 -0.035876 vc1857f72
104	1.0 -0.054305	NaN -0.054305 -0.054305 -0.054305 -0.054305 -0.054305 vc1857f72
105	1.0 -0.014209	NaN -0.014209 -0.014209 -0.014209 -0.014209 -0.014209 vc1857f72
106	1.0 0.066055	NaN 0.066055 0.066055 0.066055 0.066055 0.066055 vc1857f72
107	1.0 -0.064084	NaN -0.064084 -0.064084 -0.064084 -0.064084 -0.064084 vc1857f72
108	1.0 -0.073074	NaN -0.073074 -0.073074 -0.073074 -0.073074 -0.073074 vc1857f72
109	1.0 0.017465	NaN 0.017465 0.017465 0.017465 0.017465 0.017465 vc1857f72
110	1.0 0.088387	NaN 0.088387 0.088387 0.088387 0.088387 0.088387 vc1857f72

111	1.0 0.096520	NaN	0.096520	0.096520	0.096520	0.096520	0.096520	vc1857f72
112	1.0 0.034336	NaN	0.034336	0.034336	0.034336	0.034336	0.034336	vc1857f72
113	1.0 -0.027255	NaN	-0.027255	-0.027255	-0.027255	-0.027255	-0.027255	vc1857f72
114	1.0 0.038940	NaN	0.038940	0.038940	0.038940	0.038940	0.038940	vc1857f72
115	1.0 0.039685	NaN	0.039685	0.039685	0.039685	0.039685	0.039685	vc1857f72
116	1.0 0.041369	NaN	0.041369	0.041369	0.041369	0.041369	0.041369	vc1857f72
117	1.0 -0.005328	NaN	-0.005328	-0.005328	-0.005328	-0.005328	-0.005328	vc1857f72
118	1.0 -0.096873	NaN	-0.096873	-0.096873	-0.096873	-0.096873	-0.096873	vc1857f72
119	1.0 -0.046149	NaN	-0.046149	-0.046149	-0.046149	-0.046149	-0.046149	vc1857f72
120	1.0 -0.066882	NaN	-0.066882	-0.066882	-0.066882	-0.066882	-0.066882	vc1857f72
121	1.0 0.086746	NaN	0.086746	0.086746	0.086746	0.086746	0.086746	vc1857f72
122	1.0 -0.012024	NaN	-0.012024	-0.012024	-0.012024	-0.012024	-0.012024	vc1857f72
123	1.0 -0.082029	NaN	-0.082029	-0.082029	-0.082029	-0.082029	-0.082029	vc1857f72
124	1.0 0.150902	NaN	0.150902	0.150902	0.150902	0.150902	0.150902	vc1857f72
125	1.0 -0.043174	NaN	-0.043174	-0.043174	-0.043174	-0.043174	-0.043174	vc1857f72
126	1.0 -0.076816	NaN	-0.076816	-0.076816	-0.076816	-0.076816	-0.076816	vc1857f72
127	1.0 -0.042702	NaN	-0.042702	-0.042702	-0.042702	-0.042702	-0.042702	vc1857f72
0	1.0 0.036751	NaN	0.036751	0.036751	0.036751	0.036751	0.036751	vcba08223
1	1.0 0.000176	NaN	0.000176	0.000176	0.000176	0.000176	0.000176	vcba08223
2	1.0 -0.007967	NaN	-0.007967	-0.007967	-0.007967	-0.007967	-0.007967	vcba08223
3	1.0 0.067878	NaN	0.067878	0.067878	0.067878	0.067878	0.067878	vcba08223
4	1.0 0.029663	NaN	0.029663	0.029663	0.029663	0.029663	0.029663	vcba08223
5	1.0 0.032534	NaN	0.032534	0.032534	0.032534	0.032534	0.032534	vcba08223
6	1.0 -0.029377	NaN	-0.029377	-0.029377	-0.029377	-0.029377	-0.029377	vcba08223
7	1.0 -0.060214	NaN	-0.060214	-0.060214	-0.060214	-0.060214	-0.060214	vcba08223
8	1.0 -0.063968	NaN	-0.063968	-0.063968	-0.063968	-0.063968	-0.063968	vcba08223
9	1.0 0.068018	NaN	0.068018	0.068018	0.068018	0.068018	0.068018	vcba08223

10	1.0 0.081100	NaN 0.081100 0.081100 0.081100 0.081100 0.081100 vcba08223
11	1.0 -0.000438	NaN -0.000438 -0.000438 -0.000438 -0.000438 -0.000438 vcba08223
12	1.0 0.011797	NaN 0.011797 0.011797 0.011797 0.011797 0.011797 vcba08223
13	1.0 -0.020744	NaN -0.020744 -0.020744 -0.020744 -0.020744 -0.020744 vcba08223
14	1.0 -0.045886	NaN -0.045886 -0.045886 -0.045886 -0.045886 -0.045886 vcba08223
15	1.0 0.019723	NaN 0.019723 0.019723 0.019723 0.019723 0.019723 vcba08223
16	1.0 -0.065695	NaN -0.065695 -0.065695 -0.065695 -0.065695 -0.065695 vcba08223
17	1.0 -0.080704	NaN -0.080704 -0.080704 -0.080704 -0.080704 -0.080704 vcba08223
18	1.0 -0.049105	NaN -0.049105 -0.049105 -0.049105 -0.049105 -0.049105 vcba08223
19	1.0 0.012011	NaN 0.012011 0.012011 0.012011 0.012011 0.012011 vcba08223
20	1.0 -0.004989	NaN -0.004989 -0.004989 -0.004989 -0.004989 -0.004989 vcba08223
21	1.0 0.033868	NaN 0.033868 0.033868 0.033868 0.033868 0.033868 vcba08223
22	1.0 -0.013900	NaN -0.013900 -0.013900 -0.013900 -0.013900 -0.013900 vcba08223
23	1.0 -0.112793	NaN -0.112793 -0.112793 -0.112793 -0.112793 -0.112793 vcba08223
24	1.0 0.002629	NaN 0.002629 0.002629 0.002629 0.002629 0.002629 vcba08223
25	1.0 -0.136000	NaN -0.136000 -0.136000 -0.136000 -0.136000 -0.136000 vcba08223
26	1.0 0.010076	NaN 0.010076 0.010076 0.010076 0.010076 0.010076 vcba08223
27	1.0 -0.054578	NaN -0.054578 -0.054578 -0.054578 -0.054578 -0.054578 vcba08223
28	1.0 -0.030896	NaN -0.030896 -0.030896 -0.030896 -0.030896 -0.030896 vcba08223
29	1.0 -0.085958	NaN -0.085958 -0.085958 -0.085958 -0.085958 -0.085958 vcba08223
30	1.0 -0.074301	NaN -0.074301 -0.074301 -0.074301 -0.074301 -0.074301 vcba08223
31	1.0 0.067625	NaN 0.067625 0.067625 0.067625 0.067625 0.067625 vcba08223
32	1.0 -0.011680	NaN -0.011680 -0.011680 -0.011680 -0.011680 -0.011680 vcba08223
33	1.0 -0.051064	NaN -0.051064 -0.051064 -0.051064 -0.051064 -0.051064 vcba08223
34	1.0 0.006717	NaN 0.006717 0.006717 0.006717 0.006717 0.006717 vcba08223
35	1.0 -0.015973	NaN -0.015973 -0.015973 -0.015973 -0.015973 -0.015973 vcba08223
36	1.0 0.136961	NaN 0.136961 0.136961 0.136961 0.136961 0.136961 vcba08223

37	1.0	0.034280	NaN	0.034280	0.034280	0.034280	0.034280	0.034280	vcba08223
38	1.0	-0.167810	NaN	-0.167810	-0.167810	-0.167810	-0.167810	-0.167810	vcba08223
39	1.0	-0.006636	NaN	-0.006636	-0.006636	-0.006636	-0.006636	-0.006636	vcba08223
40	1.0	-0.119705	NaN	-0.119705	-0.119705	-0.119705	-0.119705	-0.119705	vcba08223
41	1.0	0.021780	NaN	0.021780	0.021780	0.021780	0.021780	0.021780	vcba08223
42	1.0	-0.048380	NaN	-0.048380	-0.048380	-0.048380	-0.048380	-0.048380	vcba08223
43	1.0	-0.009227	NaN	-0.009227	-0.009227	-0.009227	-0.009227	-0.009227	vcba08223
44	1.0	0.079230	NaN	0.079230	0.079230	0.079230	0.079230	0.079230	vcba08223
45	1.0	0.028547	NaN	0.028547	0.028547	0.028547	0.028547	0.028547	vcba08223
46	1.0	0.048279	NaN	0.048279	0.048279	0.048279	0.048279	0.048279	vcba08223
47	1.0	0.058619	NaN	0.058619	0.058619	0.058619	0.058619	0.058619	vcba08223
48	1.0	-0.000990	NaN	-0.000990	-0.000990	-0.000990	-0.000990	-0.000990	vcba08223
49	1.0	-0.030845	NaN	-0.030845	-0.030845	-0.030845	-0.030845	-0.030845	vcba08223
50	1.0	0.174080	NaN	0.174080	0.174080	0.174080	0.174080	0.174080	vcba08223
51	1.0	0.034638	NaN	0.034638	0.034638	0.034638	0.034638	0.034638	vcba08223
52	1.0	-0.008268	NaN	-0.008268	-0.008268	-0.008268	-0.008268	-0.008268	vcba08223
53	1.0	0.024972	NaN	0.024972	0.024972	0.024972	0.024972	0.024972	vcba08223
54	1.0	-0.038491	NaN	-0.038491	-0.038491	-0.038491	-0.038491	-0.038491	vcba08223
55	1.0	0.080937	NaN	0.080937	0.080937	0.080937	0.080937	0.080937	vcba08223
56	1.0	-0.019391	NaN	-0.019391	-0.019391	-0.019391	-0.019391	-0.019391	vcba08223
57	1.0	0.076086	NaN	0.076086	0.076086	0.076086	0.076086	0.076086	vcba08223
58	1.0	0.017394	NaN	0.017394	0.017394	0.017394	0.017394	0.017394	vcba08223
59	1.0	0.001824	NaN	0.001824	0.001824	0.001824	0.001824	0.001824	vcba08223
60	1.0	-0.014207	NaN	-0.014207	-0.014207	-0.014207	-0.014207	-0.014207	vcba08223
61	1.0	0.054247	NaN	0.054247	0.054247	0.054247	0.054247	0.054247	vcba08223
62	1.0	-0.041857	NaN	-0.041857	-0.041857	-0.041857	-0.041857	-0.041857	vcba08223
63	1.0	-0.118173	NaN	-0.118173	-0.118173	-0.118173	-0.118173	-0.118173	vcba08223

64	1.0	-0.033748	NaN	-0.033748	-0.033748	-0.033748	-0.033748	-0.033748	vcba08223
65	1.0	-0.002297	NaN	-0.002297	-0.002297	-0.002297	-0.002297	-0.002297	vcba08223
66	1.0	0.085361	NaN	0.085361	0.085361	0.085361	0.085361	0.085361	vcba08223
67	1.0	0.020968	NaN	0.020968	0.020968	0.020968	0.020968	0.020968	vcba08223
68	1.0	-0.029567	NaN	-0.029567	-0.029567	-0.029567	-0.029567	-0.029567	vcba08223
69	1.0	-0.025532	NaN	-0.025532	-0.025532	-0.025532	-0.025532	-0.025532	vcba08223
70	1.0	0.025934	NaN	0.025934	0.025934	0.025934	0.025934	0.025934	vcba08223
71	1.0	0.000037	NaN	0.000037	0.000037	0.000037	0.000037	0.000037	vcba08223
72	1.0	-0.175793	NaN	-0.175793	-0.175793	-0.175793	-0.175793	-0.175793	vcba08223
73	1.0	0.002883	NaN	0.002883	0.002883	0.002883	0.002883	0.002883	vcba08223
74	1.0	0.049882	NaN	0.049882	0.049882	0.049882	0.049882	0.049882	vcba08223
75	1.0	0.071369	NaN	0.071369	0.071369	0.071369	0.071369	0.071369	vcba08223
76	1.0	0.056875	NaN	0.056875	0.056875	0.056875	0.056875	0.056875	vcba08223
77	1.0	-0.013718	NaN	-0.013718	-0.013718	-0.013718	-0.013718	-0.013718	vcba08223
78	1.0	-0.017999	NaN	-0.017999	-0.017999	-0.017999	-0.017999	-0.017999	vcba08223
79	1.0	-0.099357	NaN	-0.099357	-0.099357	-0.099357	-0.099357	-0.099357	vcba08223
80	1.0	-0.084855	NaN	-0.084855	-0.084855	-0.084855	-0.084855	-0.084855	vcba08223
81	1.0	-0.060363	NaN	-0.060363	-0.060363	-0.060363	-0.060363	-0.060363	vcba08223
82	1.0	0.122499	NaN	0.122499	0.122499	0.122499	0.122499	0.122499	vcba08223
83	1.0	-0.010303	NaN	-0.010303	-0.010303	-0.010303	-0.010303	-0.010303	vcba08223
84	1.0	0.033156	NaN	0.033156	0.033156	0.033156	0.033156	0.033156	vcba08223
85	1.0	0.076723	NaN	0.076723	0.076723	0.076723	0.076723	0.076723	vcba08223
86	1.0	0.184854	NaN	0.184854	0.184854	0.184854	0.184854	0.184854	vcba08223
87	1.0	-0.031700	NaN	-0.031700	-0.031700	-0.031700	-0.031700	-0.031700	vcba08223
88	1.0	0.035623	NaN	0.035623	0.035623	0.035623	0.035623	0.035623	vcba08223
89	1.0	0.112578	NaN	0.112578	0.112578	0.112578	0.112578	0.112578	vcba08223
90	1.0	0.122689	NaN	0.122689	0.122689	0.122689	0.122689	0.122689	vcba08223

91	1.0 -0.113453	NaN -0.113453 -0.113453 -0.113453 -0.113453 -0.113453	vcba08223
92	1.0 0.120470	NaN 0.120470 0.120470 0.120470 0.120470 0.120470	vcba08223
93	1.0 -0.006250	NaN -0.006250 -0.006250 -0.006250 -0.006250 -0.006250	vcba08223
94	1.0 -0.071245	NaN -0.071245 -0.071245 -0.071245 -0.071245 -0.071245	vcba08223
95	1.0 0.131248	NaN 0.131248 0.131248 0.131248 0.131248 0.131248	vcba08223
96	1.0 0.011029	NaN 0.011029 0.011029 0.011029 0.011029 0.011029	vcba08223
97	1.0 -0.026142	NaN -0.026142 -0.026142 -0.026142 -0.026142 -0.026142	vcba08223
98	1.0 -0.068605	NaN -0.068605 -0.068605 -0.068605 -0.068605 -0.068605	vcba08223
99	1.0 -0.025719	NaN -0.025719 -0.025719 -0.025719 -0.025719 -0.025719	vcba08223
100	1.0 -0.062639	NaN -0.062639 -0.062639 -0.062639 -0.062639 -0.062639	vcba08223
101	1.0 0.016644	NaN 0.016644 0.016644 0.016644 0.016644 0.016644	vcba08223
102	1.0 0.034572	NaN 0.034572 0.034572 0.034572 0.034572 0.034572	vcba08223
103	1.0 -0.035123	NaN -0.035123 -0.035123 -0.035123 -0.035123 -0.035123	vcba08223
104	1.0 0.071281	NaN 0.071281 0.071281 0.071281 0.071281 0.071281	vcba08223
105	1.0 -0.070130	NaN -0.070130 -0.070130 -0.070130 -0.070130 -0.070130	vcba08223
106	1.0 -0.044785	NaN -0.044785 -0.044785 -0.044785 -0.044785 -0.044785	vcba08223
107	1.0 0.010766	NaN 0.010766 0.010766 0.010766 0.010766 0.010766	vcba08223
108	1.0 -0.054285	NaN -0.054285 -0.054285 -0.054285 -0.054285 -0.054285	vcba08223
109	1.0 0.029686	NaN 0.029686 0.029686 0.029686 0.029686 0.029686	vcba08223
110	1.0 -0.058473	NaN -0.058473 -0.058473 -0.058473 -0.058473 -0.058473	vcba08223
111	1.0 0.065545	NaN 0.065545 0.065545 0.065545 0.065545 0.065545	vcba08223
112	1.0 -0.002109	NaN -0.002109 -0.002109 -0.002109 -0.002109 -0.002109	vcba08223
113	1.0 -0.067998	NaN -0.067998 -0.067998 -0.067998 -0.067998 -0.067998	vcba08223
114	1.0 -0.030701	NaN -0.030701 -0.030701 -0.030701 -0.030701 -0.030701	vcba08223
115	1.0 0.031162	NaN 0.031162 0.031162 0.031162 0.031162 0.031162	vcba08223
116	1.0 -0.109304	NaN -0.109304 -0.109304 -0.109304 -0.109304 -0.109304	vcba08223
117	1.0 -0.025014	NaN -0.025014 -0.025014 -0.025014 -0.025014 -0.025014	vcba08223

118	1.0	-0.055841	NaN	-0.055841	-0.055841	-0.055841	-0.055841	-0.055841	vcba08223
119	1.0	-0.089268	NaN	-0.089268	-0.089268	-0.089268	-0.089268	-0.089268	vcba08223
120	1.0	0.040672	NaN	0.040672	0.040672	0.040672	0.040672	0.040672	vcba08223
121	1.0	0.098727	NaN	0.098727	0.098727	0.098727	0.098727	0.098727	vcba08223
122	1.0	-0.027650	NaN	-0.027650	-0.027650	-0.027650	-0.027650	-0.027650	vcba08223
123	1.0	0.024235	NaN	0.024235	0.024235	0.024235	0.024235	0.024235	vcba08223
124	1.0	-0.031238	NaN	-0.031238	-0.031238	-0.031238	-0.031238	-0.031238	vcba08223
125	1.0	0.030367	NaN	0.030367	0.030367	0.030367	0.030367	0.030367	vcba08223
126	1.0	0.002832	NaN	0.002832	0.002832	0.002832	0.002832	0.002832	vcba08223
127	1.0	-0.006672	NaN	-0.006672	-0.006672	-0.006672	-0.006672	-0.006672	vcba08223
0	1.0	-0.046800	NaN	-0.046800	-0.046800	-0.046800	-0.046800	-0.046800	vcef34340
1	1.0	-0.097478	NaN	-0.097478	-0.097478	-0.097478	-0.097478	-0.097478	vcef34340
2	1.0	-0.151838	NaN	-0.151838	-0.151838	-0.151838	-0.151838	-0.151838	vcef34340
3	1.0	-0.036954	NaN	-0.036954	-0.036954	-0.036954	-0.036954	-0.036954	vcef34340
4	1.0	-0.032124	NaN	-0.032124	-0.032124	-0.032124	-0.032124	-0.032124	vcef34340
5	1.0	-0.051694	NaN	-0.051694	-0.051694	-0.051694	-0.051694	-0.051694	vcef34340
6	1.0	-0.065365	NaN	-0.065365	-0.065365	-0.065365	-0.065365	-0.065365	vcef34340
7	1.0	0.052824	NaN	0.052824	0.052824	0.052824	0.052824	0.052824	vcef34340
8	1.0	-0.047752	NaN	-0.047752	-0.047752	-0.047752	-0.047752	-0.047752	vcef34340
9	1.0	0.112810	NaN	0.112810	0.112810	0.112810	0.112810	0.112810	vcef34340
10	1.0	0.058207	NaN	0.058207	0.058207	0.058207	0.058207	0.058207	vcef34340
11	1.0	0.161561	NaN	0.161561	0.161561	0.161561	0.161561	0.161561	vcef34340
12	1.0	0.045963	NaN	0.045963	0.045963	0.045963	0.045963	0.045963	vcef34340
13	1.0	-0.034720	NaN	-0.034720	-0.034720	-0.034720	-0.034720	-0.034720	vcef34340
14	1.0	0.102923	NaN	0.102923	0.102923	0.102923	0.102923	0.102923	vcef34340
15	1.0	0.093759	NaN	0.093759	0.093759	0.093759	0.093759	0.093759	vcef34340
16	1.0	0.045073	NaN	0.045073	0.045073	0.045073	0.045073	0.045073	vcef34340

17	1.0	0.022069	NaN	0.022069	0.022069	0.022069	0.022069	0.022069	vcef34340
18	1.0	-0.008121	NaN	-0.008121	-0.008121	-0.008121	-0.008121	-0.008121	vcef34340
19	1.0	0.001695	NaN	0.001695	0.001695	0.001695	0.001695	0.001695	vcef34340
20	1.0	-0.004634	NaN	-0.004634	-0.004634	-0.004634	-0.004634	-0.004634	vcef34340
21	1.0	0.027374	NaN	0.027374	0.027374	0.027374	0.027374	0.027374	vcef34340
22	1.0	-0.045070	NaN	-0.045070	-0.045070	-0.045070	-0.045070	-0.045070	vcef34340
23	1.0	-0.070214	NaN	-0.070214	-0.070214	-0.070214	-0.070214	-0.070214	vcef34340
24	1.0	-0.149813	NaN	-0.149813	-0.149813	-0.149813	-0.149813	-0.149813	vcef34340
25	1.0	0.007087	NaN	0.007087	0.007087	0.007087	0.007087	0.007087	vcef34340
26	1.0	-0.026555	NaN	-0.026555	-0.026555	-0.026555	-0.026555	-0.026555	vcef34340
27	1.0	0.055723	NaN	0.055723	0.055723	0.055723	0.055723	0.055723	vcef34340
28	1.0	0.029274	NaN	0.029274	0.029274	0.029274	0.029274	0.029274	vcef34340
29	1.0	0.012630	NaN	0.012630	0.012630	0.012630	0.012630	0.012630	vcef34340
30	1.0	-0.048109	NaN	-0.048109	-0.048109	-0.048109	-0.048109	-0.048109	vcef34340
31	1.0	0.031226	NaN	0.031226	0.031226	0.031226	0.031226	0.031226	vcef34340
32	1.0	0.009219	NaN	0.009219	0.009219	0.009219	0.009219	0.009219	vcef34340
33	1.0	-0.114809	NaN	-0.114809	-0.114809	-0.114809	-0.114809	-0.114809	vcef34340
34	1.0	-0.059613	NaN	-0.059613	-0.059613	-0.059613	-0.059613	-0.059613	vcef34340
35	1.0	-0.100883	NaN	-0.100883	-0.100883	-0.100883	-0.100883	-0.100883	vcef34340
36	1.0	0.021100	NaN	0.021100	0.021100	0.021100	0.021100	0.021100	vcef34340
37	1.0	-0.019072	NaN	-0.019072	-0.019072	-0.019072	-0.019072	-0.019072	vcef34340
38	1.0	0.050352	NaN	0.050352	0.050352	0.050352	0.050352	0.050352	vcef34340
39	1.0	0.053512	NaN	0.053512	0.053512	0.053512	0.053512	0.053512	vcef34340
40	1.0	-0.022716	NaN	-0.022716	-0.022716	-0.022716	-0.022716	-0.022716	vcef34340
41	1.0	-0.019696	NaN	-0.019696	-0.019696	-0.019696	-0.019696	-0.019696	vcef34340
42	1.0	-0.113553	NaN	-0.113553	-0.113553	-0.113553	-0.113553	-0.113553	vcef34340
43	1.0	0.048946	NaN	0.048946	0.048946	0.048946	0.048946	0.048946	vcef34340

44	1.0	-0.017382	NaN	-0.017382	-0.017382	-0.017382	-0.017382	-0.017382	vcef34340
45	1.0	-0.109315	NaN	-0.109315	-0.109315	-0.109315	-0.109315	-0.109315	vcef34340
46	1.0	0.054937	NaN	0.054937	0.054937	0.054937	0.054937	0.054937	vcef34340
47	1.0	-0.007523	NaN	-0.007523	-0.007523	-0.007523	-0.007523	-0.007523	vcef34340
48	1.0	-0.061650	NaN	-0.061650	-0.061650	-0.061650	-0.061650	-0.061650	vcef34340
49	1.0	0.057749	NaN	0.057749	0.057749	0.057749	0.057749	0.057749	vcef34340
50	1.0	0.009727	NaN	0.009727	0.009727	0.009727	0.009727	0.009727	vcef34340
51	1.0	0.056998	NaN	0.056998	0.056998	0.056998	0.056998	0.056998	vcef34340
52	1.0	0.082533	NaN	0.082533	0.082533	0.082533	0.082533	0.082533	vcef34340
53	1.0	0.054862	NaN	0.054862	0.054862	0.054862	0.054862	0.054862	vcef34340
54	1.0	-0.024413	NaN	-0.024413	-0.024413	-0.024413	-0.024413	-0.024413	vcef34340
55	1.0	-0.035089	NaN	-0.035089	-0.035089	-0.035089	-0.035089	-0.035089	vcef34340
56	1.0	-0.048832	NaN	-0.048832	-0.048832	-0.048832	-0.048832	-0.048832	vcef34340
57	1.0	-0.024214	NaN	-0.024214	-0.024214	-0.024214	-0.024214	-0.024214	vcef34340
58	1.0	0.005425	NaN	0.005425	0.005425	0.005425	0.005425	0.005425	vcef34340
59	1.0	0.025098	NaN	0.025098	0.025098	0.025098	0.025098	0.025098	vcef34340
60	1.0	-0.160630	NaN	-0.160630	-0.160630	-0.160630	-0.160630	-0.160630	vcef34340
61	1.0	0.066581	NaN	0.066581	0.066581	0.066581	0.066581	0.066581	vcef34340
62	1.0	0.064839	NaN	0.064839	0.064839	0.064839	0.064839	0.064839	vcef34340
63	1.0	-0.008822	NaN	-0.008822	-0.008822	-0.008822	-0.008822	-0.008822	vcef34340
64	1.0	0.010546	NaN	0.010546	0.010546	0.010546	0.010546	0.010546	vcef34340
65	1.0	0.024469	NaN	0.024469	0.024469	0.024469	0.024469	0.024469	vcef34340
66	1.0	0.057852	NaN	0.057852	0.057852	0.057852	0.057852	0.057852	vcef34340
67	1.0	0.020205	NaN	0.020205	0.020205	0.020205	0.020205	0.020205	vcef34340
68	1.0	-0.064707	NaN	-0.064707	-0.064707	-0.064707	-0.064707	-0.064707	vcef34340
69	1.0	-0.001611	NaN	-0.001611	-0.001611	-0.001611	-0.001611	-0.001611	vcef34340
70	1.0	-0.023502	NaN	-0.023502	-0.023502	-0.023502	-0.023502	-0.023502	vcef34340

71	1.0 0.043021	NaN 0.043021 0.043021 0.043021 0.043021 0.043021 vcef34340
72	1.0 0.107466	NaN 0.107466 0.107466 0.107466 0.107466 0.107466 vcef34340
73	1.0 -0.029517	NaN -0.029517 -0.029517 -0.029517 -0.029517 -0.029517 vcef34340
74	1.0 0.012776	NaN 0.012776 0.012776 0.012776 0.012776 0.012776 vcef34340
75	1.0 -0.074846	NaN -0.074846 -0.074846 -0.074846 -0.074846 -0.074846 vcef34340
76	1.0 -0.043078	NaN -0.043078 -0.043078 -0.043078 -0.043078 -0.043078 vcef34340
77	1.0 0.021806	NaN 0.021806 0.021806 0.021806 0.021806 0.021806 vcef34340
78	1.0 -0.163219	NaN -0.163219 -0.163219 -0.163219 -0.163219 -0.163219 vcef34340
79	1.0 0.161891	NaN 0.161891 0.161891 0.161891 0.161891 0.161891 vcef34340
80	1.0 -0.089825	NaN -0.089825 -0.089825 -0.089825 -0.089825 -0.089825 vcef34340
81	1.0 -0.010605	NaN -0.010605 -0.010605 -0.010605 -0.010605 -0.010605 vcef34340
82	1.0 0.134631	NaN 0.134631 0.134631 0.134631 0.134631 0.134631 vcef34340
83	1.0 0.000112	NaN 0.000112 0.000112 0.000112 0.000112 0.000112 vcef34340
84	1.0 -0.058857	NaN -0.058857 -0.058857 -0.058857 -0.058857 -0.058857 vcef34340
85	1.0 0.164350	NaN 0.164350 0.164350 0.164350 0.164350 0.164350 vcef34340
86	1.0 0.010442	NaN 0.010442 0.010442 0.010442 0.010442 0.010442 vcef34340
87	1.0 -0.051688	NaN -0.051688 -0.051688 -0.051688 -0.051688 -0.051688 vcef34340
88	1.0 0.032574	NaN 0.032574 0.032574 0.032574 0.032574 0.032574 vcef34340
89	1.0 -0.074545	NaN -0.074545 -0.074545 -0.074545 -0.074545 -0.074545 vcef34340
90	1.0 0.103024	NaN 0.103024 0.103024 0.103024 0.103024 0.103024 vcef34340
91	1.0 -0.002664	NaN -0.002664 -0.002664 -0.002664 -0.002664 -0.002664 vcef34340
92	1.0 0.046398	NaN 0.046398 0.046398 0.046398 0.046398 0.046398 vcef34340
93	1.0 -0.036454	NaN -0.036454 -0.036454 -0.036454 -0.036454 -0.036454 vcef34340
94	1.0 -0.163927	NaN -0.163927 -0.163927 -0.163927 -0.163927 -0.163927 vcef34340
95	1.0 0.021746	NaN 0.021746 0.021746 0.021746 0.021746 0.021746 vcef34340
96	1.0 -0.129889	NaN -0.129889 -0.129889 -0.129889 -0.129889 -0.129889 vcef34340
97	1.0 -0.011221	NaN -0.011221 -0.011221 -0.011221 -0.011221 -0.011221 vcef34340

98	1.0 -0.099670	NaN -0.099670 -0.099670 -0.099670 -0.099670 -0.099670 vcef34340
99	1.0 -0.062498	NaN -0.062498 -0.062498 -0.062498 -0.062498 -0.062498 vcef34340
100	1.0 0.074716	NaN 0.074716 0.074716 0.074716 0.074716 0.074716 vcef34340
101	1.0 -0.070333	NaN -0.070333 -0.070333 -0.070333 -0.070333 -0.070333 vcef34340
102	1.0 0.032437	NaN 0.032437 0.032437 0.032437 0.032437 0.032437 vcef34340
103	1.0 0.016843	NaN 0.016843 0.016843 0.016843 0.016843 0.016843 vcef34340
104	1.0 0.019629	NaN 0.019629 0.019629 0.019629 0.019629 0.019629 vcef34340
105	1.0 -0.028273	NaN -0.028273 -0.028273 -0.028273 -0.028273 -0.028273 vcef34340
106	1.0 -0.045411	NaN -0.045411 -0.045411 -0.045411 -0.045411 -0.045411 vcef34340
107	1.0 0.061558	NaN 0.061558 0.061558 0.061558 0.061558 0.061558 vcef34340
108	1.0 0.005468	NaN 0.005468 0.005468 0.005468 0.005468 0.005468 vcef34340
109	1.0 0.055264	NaN 0.055264 0.055264 0.055264 0.055264 0.055264 vcef34340
110	1.0 0.021274	NaN 0.021274 0.021274 0.021274 0.021274 0.021274 vcef34340
111	1.0 -0.050487	NaN -0.050487 -0.050487 -0.050487 -0.050487 -0.050487 vcef34340
112	1.0 -0.009877	NaN -0.009877 -0.009877 -0.009877 -0.009877 -0.009877 vcef34340
113	1.0 0.097944	NaN 0.097944 0.097944 0.097944 0.097944 0.097944 vcef34340
114	1.0 0.052883	NaN 0.052883 0.052883 0.052883 0.052883 0.052883 vcef34340
115	1.0 -0.019705	NaN -0.019705 -0.019705 -0.019705 -0.019705 -0.019705 vcef34340
116	1.0 0.057992	NaN 0.057992 0.057992 0.057992 0.057992 0.057992 vcef34340
117	1.0 -0.177294	NaN -0.177294 -0.177294 -0.177294 -0.177294 -0.177294 vcef34340
118	1.0 -0.068395	NaN -0.068395 -0.068395 -0.068395 -0.068395 -0.068395 vcef34340
119	1.0 -0.023760	NaN -0.023760 -0.023760 -0.023760 -0.023760 -0.023760 vcef34340
120	1.0 0.173569	NaN 0.173569 0.173569 0.173569 0.173569 0.173569 vcef34340
121	1.0 0.005438	NaN 0.005438 0.005438 0.005438 0.005438 0.005438 vcef34340
122	1.0 0.049345	NaN 0.049345 0.049345 0.049345 0.049345 0.049345 vcef34340
123	1.0 -0.033603	NaN -0.033603 -0.033603 -0.033603 -0.033603 -0.033603 vcef34340
124	1.0 -0.015416	NaN -0.015416 -0.015416 -0.015416 -0.015416 -0.015416 vcef34340

125	1.0 -0.056687	NaN -0.056687 -0.056687 -0.056687 -0.056687 -0.056687	vcef34340
126	1.0 -0.015331	NaN -0.015331 -0.015331 -0.015331 -0.015331 -0.015331	vcef34340
127	1.0 -0.024851	NaN -0.024851 -0.024851 -0.024851 -0.024851 -0.024851	vcef34340
0	1.0 0.015302	NaN 0.015302 0.015302 0.015302 0.015302 0.015302	vd33a434b
1	1.0 -0.010508	NaN -0.010508 -0.010508 -0.010508 -0.010508 -0.010508	vd33a434b
2	1.0 0.072932	NaN 0.072932 0.072932 0.072932 0.072932 0.072932	vd33a434b
3	1.0 -0.057831	NaN -0.057831 -0.057831 -0.057831 -0.057831 -0.057831	vd33a434b
4	1.0 0.047420	NaN 0.047420 0.047420 0.047420 0.047420 0.047420	vd33a434b
5	1.0 -0.069273	NaN -0.069273 -0.069273 -0.069273 -0.069273 -0.069273	vd33a434b
6	1.0 -0.081481	NaN -0.081481 -0.081481 -0.081481 -0.081481 -0.081481	vd33a434b
7	1.0 -0.119018	NaN -0.119018 -0.119018 -0.119018 -0.119018 -0.119018	vd33a434b
8	1.0 0.015458	NaN 0.015458 0.015458 0.015458 0.015458 0.015458	vd33a434b
9	1.0 0.091242	NaN 0.091242 0.091242 0.091242 0.091242 0.091242	vd33a434b
10	1.0 0.081198	NaN 0.081198 0.081198 0.081198 0.081198 0.081198	vd33a434b
11	1.0 0.045118	NaN 0.045118 0.045118 0.045118 0.045118 0.045118	vd33a434b
12	1.0 0.108559	NaN 0.108559 0.108559 0.108559 0.108559 0.108559	vd33a434b
13	1.0 -0.017350	NaN -0.017350 -0.017350 -0.017350 -0.017350 -0.017350	vd33a434b
14	1.0 0.058197	NaN 0.058197 0.058197 0.058197 0.058197 0.058197	vd33a434b
15	1.0 -0.028623	NaN -0.028623 -0.028623 -0.028623 -0.028623 -0.028623	vd33a434b
16	1.0 0.003935	NaN 0.003935 0.003935 0.003935 0.003935 0.003935	vd33a434b
17	1.0 0.029261	NaN 0.029261 0.029261 0.029261 0.029261 0.029261	vd33a434b
18	1.0 -0.023731	NaN -0.023731 -0.023731 -0.023731 -0.023731 -0.023731	vd33a434b
19	1.0 0.112050	NaN 0.112050 0.112050 0.112050 0.112050 0.112050	vd33a434b
20	1.0 0.078576	NaN 0.078576 0.078576 0.078576 0.078576 0.078576	vd33a434b
21	1.0 -0.023446	NaN -0.023446 -0.023446 -0.023446 -0.023446 -0.023446	vd33a434b
22	1.0 -0.017506	NaN -0.017506 -0.017506 -0.017506 -0.017506 -0.017506	vd33a434b
23	1.0 0.040994	NaN 0.040994 0.040994 0.040994 0.040994 0.040994	vd33a434b

24	1.0 0.027490	NaN 0.027490 0.027490 0.027490 0.027490 0.027490 vd33a434b
25	1.0 0.007489	NaN 0.007489 0.007489 0.007489 0.007489 0.007489 vd33a434b
26	1.0 -0.091868	NaN -0.091868 -0.091868 -0.091868 -0.091868 -0.091868 vd33a434b
27	1.0 -0.062738	NaN -0.062738 -0.062738 -0.062738 -0.062738 -0.062738 vd33a434b
28	1.0 0.009975	NaN 0.009975 0.009975 0.009975 0.009975 0.009975 vd33a434b
29	1.0 -0.007372	NaN -0.007372 -0.007372 -0.007372 -0.007372 -0.007372 vd33a434b
30	1.0 -0.056912	NaN -0.056912 -0.056912 -0.056912 -0.056912 -0.056912 vd33a434b
31	1.0 0.020324	NaN 0.020324 0.020324 0.020324 0.020324 0.020324 vd33a434b
32	1.0 0.088964	NaN 0.088964 0.088964 0.088964 0.088964 0.088964 vd33a434b
33	1.0 0.035551	NaN 0.035551 0.035551 0.035551 0.035551 0.035551 vd33a434b
34	1.0 0.049883	NaN 0.049883 0.049883 0.049883 0.049883 0.049883 vd33a434b
35	1.0 0.037916	NaN 0.037916 0.037916 0.037916 0.037916 0.037916 vd33a434b
36	1.0 -0.049241	NaN -0.049241 -0.049241 -0.049241 -0.049241 -0.049241 vd33a434b
37	1.0 -0.016254	NaN -0.016254 -0.016254 -0.016254 -0.016254 -0.016254 vd33a434b
38	1.0 -0.060432	NaN -0.060432 -0.060432 -0.060432 -0.060432 -0.060432 vd33a434b
39	1.0 -0.069619	NaN -0.069619 -0.069619 -0.069619 -0.069619 -0.069619 vd33a434b
40	1.0 0.052100	NaN 0.052100 0.052100 0.052100 0.052100 0.052100 vd33a434b
41	1.0 0.037938	NaN 0.037938 0.037938 0.037938 0.037938 0.037938 vd33a434b
42	1.0 0.035242	NaN 0.035242 0.035242 0.035242 0.035242 0.035242 vd33a434b
43	1.0 -0.116682	NaN -0.116682 -0.116682 -0.116682 -0.116682 -0.116682 vd33a434b
44	1.0 0.069833	NaN 0.069833 0.069833 0.069833 0.069833 0.069833 vd33a434b
45	1.0 0.062875	NaN 0.062875 0.062875 0.062875 0.062875 0.062875 vd33a434b
46	1.0 0.021110	NaN 0.021110 0.021110 0.021110 0.021110 0.021110 vd33a434b
47	1.0 0.093814	NaN 0.093814 0.093814 0.093814 0.093814 0.093814 vd33a434b
48	1.0 -0.032034	NaN -0.032034 -0.032034 -0.032034 -0.032034 -0.032034 vd33a434b
49	1.0 -0.000144	NaN -0.000144 -0.000144 -0.000144 -0.000144 -0.000144 vd33a434b
50	1.0 0.016404	NaN 0.016404 0.016404 0.016404 0.016404 0.016404 vd33a434b

51	1.0 -0.032976	NaN -0.032976 -0.032976 -0.032976 -0.032976 -0.032976 vd33a434b
52	1.0 0.101422	NaN 0.101422 0.101422 0.101422 0.101422 0.101422 vd33a434b
53	1.0 -0.063412	NaN -0.063412 -0.063412 -0.063412 -0.063412 -0.063412 vd33a434b
54	1.0 -0.051131	NaN -0.051131 -0.051131 -0.051131 -0.051131 -0.051131 vd33a434b
55	1.0 0.030849	NaN 0.030849 0.030849 0.030849 0.030849 0.030849 vd33a434b
56	1.0 0.014687	NaN 0.014687 0.014687 0.014687 0.014687 0.014687 vd33a434b
57	1.0 -0.018737	NaN -0.018737 -0.018737 -0.018737 -0.018737 -0.018737 vd33a434b
58	1.0 -0.012674	NaN -0.012674 -0.012674 -0.012674 -0.012674 -0.012674 vd33a434b
59	1.0 -0.065384	NaN -0.065384 -0.065384 -0.065384 -0.065384 -0.065384 vd33a434b
60	1.0 0.081969	NaN 0.081969 0.081969 0.081969 0.081969 0.081969 vd33a434b
61	1.0 0.002152	NaN 0.002152 0.002152 0.002152 0.002152 0.002152 vd33a434b
62	1.0 -0.040260	NaN -0.040260 -0.040260 -0.040260 -0.040260 -0.040260 vd33a434b
63	1.0 -0.100816	NaN -0.100816 -0.100816 -0.100816 -0.100816 -0.100816 vd33a434b
64	1.0 0.012739	NaN 0.012739 0.012739 0.012739 0.012739 0.012739 vd33a434b
65	1.0 -0.068206	NaN -0.068206 -0.068206 -0.068206 -0.068206 -0.068206 vd33a434b
66	1.0 -0.021330	NaN -0.021330 -0.021330 -0.021330 -0.021330 -0.021330 vd33a434b
67	1.0 0.120352	NaN 0.120352 0.120352 0.120352 0.120352 0.120352 vd33a434b
68	1.0 -0.066104	NaN -0.066104 -0.066104 -0.066104 -0.066104 -0.066104 vd33a434b
69	1.0 0.102960	NaN 0.102960 0.102960 0.102960 0.102960 0.102960 vd33a434b
70	1.0 0.036532	NaN 0.036532 0.036532 0.036532 0.036532 0.036532 vd33a434b
71	1.0 -0.079465	NaN -0.079465 -0.079465 -0.079465 -0.079465 -0.079465 vd33a434b
72	1.0 0.065460	NaN 0.065460 0.065460 0.065460 0.065460 0.065460 vd33a434b
73	1.0 -0.006717	NaN -0.006717 -0.006717 -0.006717 -0.006717 -0.006717 vd33a434b
74	1.0 0.070770	NaN 0.070770 0.070770 0.070770 0.070770 0.070770 vd33a434b
75	1.0 0.099261	NaN 0.099261 0.099261 0.099261 0.099261 0.099261 vd33a434b
76	1.0 -0.026774	NaN -0.026774 -0.026774 -0.026774 -0.026774 -0.026774 vd33a434b
77	1.0 0.168006	NaN 0.168006 0.168006 0.168006 0.168006 0.168006 vd33a434b

78	1.0 -0.078768	NaN	-0.078768	-0.078768	-0.078768	-0.078768	-0.078768	vd33a434b
79	1.0 -0.078000	NaN	-0.078000	-0.078000	-0.078000	-0.078000	-0.078000	vd33a434b
80	1.0 0.068160	NaN	0.068160	0.068160	0.068160	0.068160	0.068160	vd33a434b
81	1.0 0.007413	NaN	0.007413	0.007413	0.007413	0.007413	0.007413	vd33a434b
82	1.0 -0.039724	NaN	-0.039724	-0.039724	-0.039724	-0.039724	-0.039724	vd33a434b
83	1.0 0.047149	NaN	0.047149	0.047149	0.047149	0.047149	0.047149	vd33a434b
84	1.0 0.054624	NaN	0.054624	0.054624	0.054624	0.054624	0.054624	vd33a434b
85	1.0 0.001608	NaN	0.001608	0.001608	0.001608	0.001608	0.001608	vd33a434b
86	1.0 -0.045940	NaN	-0.045940	-0.045940	-0.045940	-0.045940	-0.045940	vd33a434b
87	1.0 -0.097725	NaN	-0.097725	-0.097725	-0.097725	-0.097725	-0.097725	vd33a434b
88	1.0 -0.029406	NaN	-0.029406	-0.029406	-0.029406	-0.029406	-0.029406	vd33a434b
89	1.0 0.032171	NaN	0.032171	0.032171	0.032171	0.032171	0.032171	vd33a434b
90	1.0 -0.072638	NaN	-0.072638	-0.072638	-0.072638	-0.072638	-0.072638	vd33a434b
91	1.0 0.081325	NaN	0.081325	0.081325	0.081325	0.081325	0.081325	vd33a434b
92	1.0 -0.126885	NaN	-0.126885	-0.126885	-0.126885	-0.126885	-0.126885	vd33a434b
93	1.0 0.038478	NaN	0.038478	0.038478	0.038478	0.038478	0.038478	vd33a434b
94	1.0 0.013122	NaN	0.013122	0.013122	0.013122	0.013122	0.013122	vd33a434b
95	1.0 -0.006108	NaN	-0.006108	-0.006108	-0.006108	-0.006108	-0.006108	vd33a434b
96	1.0 0.038016	NaN	0.038016	0.038016	0.038016	0.038016	0.038016	vd33a434b
97	1.0 -0.068690	NaN	-0.068690	-0.068690	-0.068690	-0.068690	-0.068690	vd33a434b
98	1.0 -0.119327	NaN	-0.119327	-0.119327	-0.119327	-0.119327	-0.119327	vd33a434b
99	1.0 -0.075223	NaN	-0.075223	-0.075223	-0.075223	-0.075223	-0.075223	vd33a434b
100	1.0 0.077810	NaN	0.077810	0.077810	0.077810	0.077810	0.077810	vd33a434b
101	1.0 -0.078246	NaN	-0.078246	-0.078246	-0.078246	-0.078246	-0.078246	vd33a434b
102	1.0 0.112991	NaN	0.112991	0.112991	0.112991	0.112991	0.112991	vd33a434b
103	1.0 -0.121135	NaN	-0.121135	-0.121135	-0.121135	-0.121135	-0.121135	vd33a434b
104	1.0 -0.032767	NaN	-0.032767	-0.032767	-0.032767	-0.032767	-0.032767	vd33a434b

105	1.0	0.050749	NaN	0.050749	0.050749	0.050749	0.050749	0.050749	vd33a434b
106	1.0	0.084499	NaN	0.084499	0.084499	0.084499	0.084499	0.084499	vd33a434b
107	1.0	-0.060154	NaN	-0.060154	-0.060154	-0.060154	-0.060154	-0.060154	vd33a434b
108	1.0	-0.023215	NaN	-0.023215	-0.023215	-0.023215	-0.023215	-0.023215	vd33a434b
109	1.0	-0.006539	NaN	-0.006539	-0.006539	-0.006539	-0.006539	-0.006539	vd33a434b
110	1.0	-0.088389	NaN	-0.088389	-0.088389	-0.088389	-0.088389	-0.088389	vd33a434b
111	1.0	0.049126	NaN	0.049126	0.049126	0.049126	0.049126	0.049126	vd33a434b
112	1.0	0.003469	NaN	0.003469	0.003469	0.003469	0.003469	0.003469	vd33a434b
113	1.0	-0.046080	NaN	-0.046080	-0.046080	-0.046080	-0.046080	-0.046080	vd33a434b
114	1.0	0.004590	NaN	0.004590	0.004590	0.004590	0.004590	0.004590	vd33a434b
115	1.0	0.030853	NaN	0.030853	0.030853	0.030853	0.030853	0.030853	vd33a434b
116	1.0	0.086829	NaN	0.086829	0.086829	0.086829	0.086829	0.086829	vd33a434b
117	1.0	0.055075	NaN	0.055075	0.055075	0.055075	0.055075	0.055075	vd33a434b
118	1.0	-0.036462	NaN	-0.036462	-0.036462	-0.036462	-0.036462	-0.036462	vd33a434b
119	1.0	-0.045817	NaN	-0.045817	-0.045817	-0.045817	-0.045817	-0.045817	vd33a434b
120	1.0	0.034303	NaN	0.034303	0.034303	0.034303	0.034303	0.034303	vd33a434b
121	1.0	-0.068383	NaN	-0.068383	-0.068383	-0.068383	-0.068383	-0.068383	vd33a434b
122	1.0	0.056308	NaN	0.056308	0.056308	0.056308	0.056308	0.056308	vd33a434b
123	1.0	0.074120	NaN	0.074120	0.074120	0.074120	0.074120	0.074120	vd33a434b
124	1.0	-0.015451	NaN	-0.015451	-0.015451	-0.015451	-0.015451	-0.015451	vd33a434b
125	1.0	-0.080233	NaN	-0.080233	-0.080233	-0.080233	-0.080233	-0.080233	vd33a434b
126	1.0	0.039298	NaN	0.039298	0.039298	0.039298	0.039298	0.039298	vd33a434b
127	1.0	-0.021300	NaN	-0.021300	-0.021300	-0.021300	-0.021300	-0.021300	vd33a434b
0	1.0	0.096215	NaN	0.096215	0.096215	0.096215	0.096215	0.096215	veb1624d3
1	1.0	0.033602	NaN	0.033602	0.033602	0.033602	0.033602	0.033602	veb1624d3
2	1.0	0.106358	NaN	0.106358	0.106358	0.106358	0.106358	0.106358	veb1624d3
3	1.0	0.019062	NaN	0.019062	0.019062	0.019062	0.019062	0.019062	veb1624d3

4	1.0 -0.030805	NaN -0.030805 -0.030805 -0.030805 -0.030805 -0.030805 veb1624d3
5	1.0 -0.025947	NaN -0.025947 -0.025947 -0.025947 -0.025947 -0.025947 veb1624d3
6	1.0 -0.027432	NaN -0.027432 -0.027432 -0.027432 -0.027432 -0.027432 veb1624d3
7	1.0 -0.088431	NaN -0.088431 -0.088431 -0.088431 -0.088431 -0.088431 veb1624d3
8	1.0 0.089670	NaN 0.089670 0.089670 0.089670 0.089670 0.089670 veb1624d3
9	1.0 0.017572	NaN 0.017572 0.017572 0.017572 0.017572 0.017572 veb1624d3
10	1.0 -0.106064	NaN -0.106064 -0.106064 -0.106064 -0.106064 -0.106064 veb1624d3
11	1.0 0.052385	NaN 0.052385 0.052385 0.052385 0.052385 0.052385 veb1624d3
12	1.0 -0.016233	NaN -0.016233 -0.016233 -0.016233 -0.016233 -0.016233 veb1624d3
13	1.0 -0.040717	NaN -0.040717 -0.040717 -0.040717 -0.040717 -0.040717 veb1624d3
14	1.0 0.031868	NaN 0.031868 0.031868 0.031868 0.031868 0.031868 veb1624d3
15	1.0 0.042024	NaN 0.042024 0.042024 0.042024 0.042024 0.042024 veb1624d3
16	1.0 -0.069826	NaN -0.069826 -0.069826 -0.069826 -0.069826 -0.069826 veb1624d3
17	1.0 0.052642	NaN 0.052642 0.052642 0.052642 0.052642 0.052642 veb1624d3
18	1.0 -0.073539	NaN -0.073539 -0.073539 -0.073539 -0.073539 -0.073539 veb1624d3
19	1.0 -0.061228	NaN -0.061228 -0.061228 -0.061228 -0.061228 -0.061228 veb1624d3
20	1.0 -0.046129	NaN -0.046129 -0.046129 -0.046129 -0.046129 -0.046129 veb1624d3
21	1.0 0.015681	NaN 0.015681 0.015681 0.015681 0.015681 0.015681 veb1624d3
22	1.0 0.054549	NaN 0.054549 0.054549 0.054549 0.054549 0.054549 veb1624d3
23	1.0 0.081027	NaN 0.081027 0.081027 0.081027 0.081027 0.081027 veb1624d3
24	1.0 -0.046850	NaN -0.046850 -0.046850 -0.046850 -0.046850 -0.046850 veb1624d3
25	1.0 0.074852	NaN 0.074852 0.074852 0.074852 0.074852 0.074852 veb1624d3
26	1.0 -0.025519	NaN -0.025519 -0.025519 -0.025519 -0.025519 -0.025519 veb1624d3
27	1.0 -0.087068	NaN -0.087068 -0.087068 -0.087068 -0.087068 -0.087068 veb1624d3
28	1.0 -0.028974	NaN -0.028974 -0.028974 -0.028974 -0.028974 -0.028974 veb1624d3
29	1.0 0.033614	NaN 0.033614 0.033614 0.033614 0.033614 0.033614 veb1624d3
30	1.0 -0.004454	NaN -0.004454 -0.004454 -0.004454 -0.004454 -0.004454 veb1624d3

31	1.0	0.015583	NaN	0.015583	0.015583	0.015583	0.015583	0.015583	veb1624d3
32	1.0	-0.055140	NaN	-0.055140	-0.055140	-0.055140	-0.055140	-0.055140	veb1624d3
33	1.0	0.026954	NaN	0.026954	0.026954	0.026954	0.026954	0.026954	veb1624d3
34	1.0	-0.004907	NaN	-0.004907	-0.004907	-0.004907	-0.004907	-0.004907	veb1624d3
35	1.0	-0.040776	NaN	-0.040776	-0.040776	-0.040776	-0.040776	-0.040776	veb1624d3
36	1.0	0.010194	NaN	0.010194	0.010194	0.010194	0.010194	0.010194	veb1624d3
37	1.0	0.003152	NaN	0.003152	0.003152	0.003152	0.003152	0.003152	veb1624d3
38	1.0	-0.027998	NaN	-0.027998	-0.027998	-0.027998	-0.027998	-0.027998	veb1624d3
39	1.0	0.038273	NaN	0.038273	0.038273	0.038273	0.038273	0.038273	veb1624d3
40	1.0	-0.059128	NaN	-0.059128	-0.059128	-0.059128	-0.059128	-0.059128	veb1624d3
41	1.0	0.087486	NaN	0.087486	0.087486	0.087486	0.087486	0.087486	veb1624d3
42	1.0	0.066818	NaN	0.066818	0.066818	0.066818	0.066818	0.066818	veb1624d3
43	1.0	0.005521	NaN	0.005521	0.005521	0.005521	0.005521	0.005521	veb1624d3
44	1.0	0.015250	NaN	0.015250	0.015250	0.015250	0.015250	0.015250	veb1624d3
45	1.0	0.051392	NaN	0.051392	0.051392	0.051392	0.051392	0.051392	veb1624d3
46	1.0	-0.024671	NaN	-0.024671	-0.024671	-0.024671	-0.024671	-0.024671	veb1624d3
47	1.0	0.010833	NaN	0.010833	0.010833	0.010833	0.010833	0.010833	veb1624d3
48	1.0	0.012845	NaN	0.012845	0.012845	0.012845	0.012845	0.012845	veb1624d3
49	1.0	0.026864	NaN	0.026864	0.026864	0.026864	0.026864	0.026864	veb1624d3
50	1.0	0.081108	NaN	0.081108	0.081108	0.081108	0.081108	0.081108	veb1624d3
51	1.0	0.126035	NaN	0.126035	0.126035	0.126035	0.126035	0.126035	veb1624d3
52	1.0	-0.048641	NaN	-0.048641	-0.048641	-0.048641	-0.048641	-0.048641	veb1624d3
53	1.0	-0.030473	NaN	-0.030473	-0.030473	-0.030473	-0.030473	-0.030473	veb1624d3
54	1.0	-0.114318	NaN	-0.114318	-0.114318	-0.114318	-0.114318	-0.114318	veb1624d3
55	1.0	-0.021348	NaN	-0.021348	-0.021348	-0.021348	-0.021348	-0.021348	veb1624d3
56	1.0	0.059529	NaN	0.059529	0.059529	0.059529	0.059529	0.059529	veb1624d3
57	1.0	-0.018330	NaN	-0.018330	-0.018330	-0.018330	-0.018330	-0.018330	veb1624d3

58	1.0 -0.009839	NaN -0.009839 -0.009839 -0.009839 -0.009839 -0.009839 veb1624d3
59	1.0 0.077188	NaN 0.077188 0.077188 0.077188 0.077188 0.077188 veb1624d3
60	1.0 0.005658	NaN 0.005658 0.005658 0.005658 0.005658 0.005658 veb1624d3
61	1.0 0.049712	NaN 0.049712 0.049712 0.049712 0.049712 0.049712 veb1624d3
62	1.0 0.046300	NaN 0.046300 0.046300 0.046300 0.046300 0.046300 veb1624d3
63	1.0 0.052536	NaN 0.052536 0.052536 0.052536 0.052536 0.052536 veb1624d3
64	1.0 0.063225	NaN 0.063225 0.063225 0.063225 0.063225 0.063225 veb1624d3
65	1.0 -0.022825	NaN -0.022825 -0.022825 -0.022825 -0.022825 -0.022825 veb1624d3
66	1.0 -0.055923	NaN -0.055923 -0.055923 -0.055923 -0.055923 -0.055923 veb1624d3
67	1.0 0.009580	NaN 0.009580 0.009580 0.009580 0.009580 0.009580 veb1624d3
68	1.0 0.020197	NaN 0.020197 0.020197 0.020197 0.020197 0.020197 veb1624d3
69	1.0 -0.067428	NaN -0.067428 -0.067428 -0.067428 -0.067428 -0.067428 veb1624d3
70	1.0 -0.114712	NaN -0.114712 -0.114712 -0.114712 -0.114712 -0.114712 veb1624d3
71	1.0 -0.039804	NaN -0.039804 -0.039804 -0.039804 -0.039804 -0.039804 veb1624d3
72	1.0 -0.069245	NaN -0.069245 -0.069245 -0.069245 -0.069245 -0.069245 veb1624d3
73	1.0 -0.027276	NaN -0.027276 -0.027276 -0.027276 -0.027276 -0.027276 veb1624d3
74	1.0 -0.046936	NaN -0.046936 -0.046936 -0.046936 -0.046936 -0.046936 veb1624d3
75	1.0 -0.026013	NaN -0.026013 -0.026013 -0.026013 -0.026013 -0.026013 veb1624d3
76	1.0 -0.005690	NaN -0.005690 -0.005690 -0.005690 -0.005690 -0.005690 veb1624d3
77	1.0 -0.021673	NaN -0.021673 -0.021673 -0.021673 -0.021673 -0.021673 veb1624d3
78	1.0 0.027491	NaN 0.027491 0.027491 0.027491 0.027491 0.027491 veb1624d3
79	1.0 0.069406	NaN 0.069406 0.069406 0.069406 0.069406 0.069406 veb1624d3
80	1.0 -0.067269	NaN -0.067269 -0.067269 -0.067269 -0.067269 -0.067269 veb1624d3
81	1.0 -0.009049	NaN -0.009049 -0.009049 -0.009049 -0.009049 -0.009049 veb1624d3
82	1.0 -0.007085	NaN -0.007085 -0.007085 -0.007085 -0.007085 -0.007085 veb1624d3
83	1.0 0.057941	NaN 0.057941 0.057941 0.057941 0.057941 0.057941 veb1624d3
84	1.0 0.076179	NaN 0.076179 0.076179 0.076179 0.076179 0.076179 veb1624d3

85	1.0 -0.054043	NaN -0.054043 -0.054043 -0.054043 -0.054043 -0.054043 veb1624d3
86	1.0 -0.037033	NaN -0.037033 -0.037033 -0.037033 -0.037033 -0.037033 veb1624d3
87	1.0 0.196438	NaN 0.196438 0.196438 0.196438 0.196438 0.196438 veb1624d3
88	1.0 -0.123044	NaN -0.123044 -0.123044 -0.123044 -0.123044 -0.123044 veb1624d3
89	1.0 0.104351	NaN 0.104351 0.104351 0.104351 0.104351 0.104351 veb1624d3
90	1.0 0.043682	NaN 0.043682 0.043682 0.043682 0.043682 0.043682 veb1624d3
91	1.0 0.066207	NaN 0.066207 0.066207 0.066207 0.066207 0.066207 veb1624d3
92	1.0 0.029709	NaN 0.029709 0.029709 0.029709 0.029709 0.029709 veb1624d3
93	1.0 -0.024857	NaN -0.024857 -0.024857 -0.024857 -0.024857 -0.024857 veb1624d3
94	1.0 -0.078159	NaN -0.078159 -0.078159 -0.078159 -0.078159 -0.078159 veb1624d3
95	1.0 -0.006955	NaN -0.006955 -0.006955 -0.006955 -0.006955 -0.006955 veb1624d3
96	1.0 0.037137	NaN 0.037137 0.037137 0.037137 0.037137 0.037137 veb1624d3
97	1.0 -0.008914	NaN -0.008914 -0.008914 -0.008914 -0.008914 -0.008914 veb1624d3
98	1.0 0.043021	NaN 0.043021 0.043021 0.043021 0.043021 0.043021 veb1624d3
99	1.0 0.021747	NaN 0.021747 0.021747 0.021747 0.021747 0.021747 veb1624d3
100	1.0 -0.089588	NaN -0.089588 -0.089588 -0.089588 -0.089588 -0.089588 veb1624d3
101	1.0 0.063471	NaN 0.063471 0.063471 0.063471 0.063471 0.063471 veb1624d3
102	1.0 0.013257	NaN 0.013257 0.013257 0.013257 0.013257 0.013257 veb1624d3
103	1.0 0.058350	NaN 0.058350 0.058350 0.058350 0.058350 0.058350 veb1624d3
104	1.0 -0.089995	NaN -0.089995 -0.089995 -0.089995 -0.089995 -0.089995 veb1624d3
105	1.0 0.027945	NaN 0.027945 0.027945 0.027945 0.027945 0.027945 veb1624d3
106	1.0 -0.041216	NaN -0.041216 -0.041216 -0.041216 -0.041216 -0.041216 veb1624d3
107	1.0 0.049725	NaN 0.049725 0.049725 0.049725 0.049725 0.049725 veb1624d3
108	1.0 0.059675	NaN 0.059675 0.059675 0.059675 0.059675 0.059675 veb1624d3
109	1.0 -0.011197	NaN -0.011197 -0.011197 -0.011197 -0.011197 -0.011197 veb1624d3
110	1.0 -0.015275	NaN -0.015275 -0.015275 -0.015275 -0.015275 -0.015275 veb1624d3
111	1.0 -0.007543	NaN -0.007543 -0.007543 -0.007543 -0.007543 -0.007543 veb1624d3

112	1.0	-0.149307	NaN	-0.149307	-0.149307	-0.149307	-0.149307	-0.149307	veb1624d3
113	1.0	-0.159224	NaN	-0.159224	-0.159224	-0.159224	-0.159224	-0.159224	veb1624d3
114	1.0	-0.018675	NaN	-0.018675	-0.018675	-0.018675	-0.018675	-0.018675	veb1624d3
115	1.0	-0.117125	NaN	-0.117125	-0.117125	-0.117125	-0.117125	-0.117125	veb1624d3
116	1.0	0.046869	NaN	0.046869	0.046869	0.046869	0.046869	0.046869	veb1624d3
117	1.0	-0.127150	NaN	-0.127150	-0.127150	-0.127150	-0.127150	-0.127150	veb1624d3
118	1.0	-0.146627	NaN	-0.146627	-0.146627	-0.146627	-0.146627	-0.146627	veb1624d3
119	1.0	0.017156	NaN	0.017156	0.017156	0.017156	0.017156	0.017156	veb1624d3
120	1.0	-0.063476	NaN	-0.063476	-0.063476	-0.063476	-0.063476	-0.063476	veb1624d3
121	1.0	0.030991	NaN	0.030991	0.030991	0.030991	0.030991	0.030991	veb1624d3
122	1.0	0.072849	NaN	0.072849	0.072849	0.072849	0.072849	0.072849	veb1624d3
123	1.0	0.019814	NaN	0.019814	0.019814	0.019814	0.019814	0.019814	veb1624d3
124	1.0	0.090270	NaN	0.090270	0.090270	0.090270	0.090270	0.090270	veb1624d3
125	1.0	0.029816	NaN	0.029816	0.029816	0.029816	0.029816	0.029816	veb1624d3
126	1.0	-0.029777	NaN	-0.029777	-0.029777	-0.029777	-0.029777	-0.029777	veb1624d3
127	1.0	0.057627	NaN	0.057627	0.057627	0.057627	0.057627	0.057627	veb1624d3
0	1.0	0.039944	NaN	0.039944	0.039944	0.039944	0.039944	0.039944	vf468750b
1	1.0	-0.106366	NaN	-0.106366	-0.106366	-0.106366	-0.106366	-0.106366	vf468750b
2	1.0	-0.165220	NaN	-0.165220	-0.165220	-0.165220	-0.165220	-0.165220	vf468750b
3	1.0	-0.084131	NaN	-0.084131	-0.084131	-0.084131	-0.084131	-0.084131	vf468750b
4	1.0	-0.164796	NaN	-0.164796	-0.164796	-0.164796	-0.164796	-0.164796	vf468750b
5	1.0	0.074830	NaN	0.074830	0.074830	0.074830	0.074830	0.074830	vf468750b
6	1.0	0.022121	NaN	0.022121	0.022121	0.022121	0.022121	0.022121	vf468750b
7	1.0	0.043074	NaN	0.043074	0.043074	0.043074	0.043074	0.043074	vf468750b
8	1.0	-0.059594	NaN	-0.059594	-0.059594	-0.059594	-0.059594	-0.059594	vf468750b
9	1.0	0.030688	NaN	0.030688	0.030688	0.030688	0.030688	0.030688	vf468750b
10	1.0	0.140812	NaN	0.140812	0.140812	0.140812	0.140812	0.140812	vf468750b

11	1.0 -0.111508	NaN -0.111508 -0.111508 -0.111508 -0.111508 -0.111508	vf468750b
12	1.0 0.049808	NaN 0.049808 0.049808 0.049808 0.049808 0.049808	vf468750b
13	1.0 -0.004508	NaN -0.004508 -0.004508 -0.004508 -0.004508 -0.004508	vf468750b
14	1.0 -0.012801	NaN -0.012801 -0.012801 -0.012801 -0.012801 -0.012801	vf468750b
15	1.0 -0.093274	NaN -0.093274 -0.093274 -0.093274 -0.093274 -0.093274	vf468750b
16	1.0 0.035625	NaN 0.035625 0.035625 0.035625 0.035625 0.035625	vf468750b
17	1.0 0.030606	NaN 0.030606 0.030606 0.030606 0.030606 0.030606	vf468750b
18	1.0 -0.139496	NaN -0.139496 -0.139496 -0.139496 -0.139496 -0.139496	vf468750b
19	1.0 -0.027228	NaN -0.027228 -0.027228 -0.027228 -0.027228 -0.027228	vf468750b
20	1.0 0.025780	NaN 0.025780 0.025780 0.025780 0.025780 0.025780	vf468750b
21	1.0 -0.136079	NaN -0.136079 -0.136079 -0.136079 -0.136079 -0.136079	vf468750b
22	1.0 -0.125997	NaN -0.125997 -0.125997 -0.125997 -0.125997 -0.125997	vf468750b
23	1.0 0.129028	NaN 0.129028 0.129028 0.129028 0.129028 0.129028	vf468750b
24	1.0 -0.064817	NaN -0.064817 -0.064817 -0.064817 -0.064817 -0.064817	vf468750b
25	1.0 -0.023145	NaN -0.023145 -0.023145 -0.023145 -0.023145 -0.023145	vf468750b
26	1.0 -0.119460	NaN -0.119460 -0.119460 -0.119460 -0.119460 -0.119460	vf468750b
27	1.0 0.013951	NaN 0.013951 0.013951 0.013951 0.013951 0.013951	vf468750b
28	1.0 0.042158	NaN 0.042158 0.042158 0.042158 0.042158 0.042158	vf468750b
29	1.0 0.029035	NaN 0.029035 0.029035 0.029035 0.029035 0.029035	vf468750b
30	1.0 -0.013579	NaN -0.013579 -0.013579 -0.013579 -0.013579 -0.013579	vf468750b
31	1.0 0.051215	NaN 0.051215 0.051215 0.051215 0.051215 0.051215	vf468750b
32	1.0 0.043219	NaN 0.043219 0.043219 0.043219 0.043219 0.043219	vf468750b
33	1.0 -0.052072	NaN -0.052072 -0.052072 -0.052072 -0.052072 -0.052072	vf468750b
34	1.0 -0.060448	NaN -0.060448 -0.060448 -0.060448 -0.060448 -0.060448	vf468750b
35	1.0 -0.033247	NaN -0.033247 -0.033247 -0.033247 -0.033247 -0.033247	vf468750b
36	1.0 0.132639	NaN 0.132639 0.132639 0.132639 0.132639 0.132639	vf468750b
37	1.0 0.069134	NaN 0.069134 0.069134 0.069134 0.069134 0.069134	vf468750b

38	1.0 -0.013719	NaN -0.013719 -0.013719 -0.013719 -0.013719 -0.013719 vf468750b
39	1.0 -0.155358	NaN -0.155358 -0.155358 -0.155358 -0.155358 -0.155358 vf468750b
40	1.0 -0.004697	NaN -0.004697 -0.004697 -0.004697 -0.004697 -0.004697 vf468750b
41	1.0 -0.024297	NaN -0.024297 -0.024297 -0.024297 -0.024297 -0.024297 vf468750b
42	1.0 -0.038850	NaN -0.038850 -0.038850 -0.038850 -0.038850 -0.038850 vf468750b
43	1.0 -0.089667	NaN -0.089667 -0.089667 -0.089667 -0.089667 -0.089667 vf468750b
44	1.0 0.014669	NaN 0.014669 0.014669 0.014669 0.014669 0.014669 vf468750b
45	1.0 0.034168	NaN 0.034168 0.034168 0.034168 0.034168 0.034168 vf468750b
46	1.0 -0.029649	NaN -0.029649 -0.029649 -0.029649 -0.029649 -0.029649 vf468750b
47	1.0 -0.106611	NaN -0.106611 -0.106611 -0.106611 -0.106611 -0.106611 vf468750b
48	1.0 -0.001546	NaN -0.001546 -0.001546 -0.001546 -0.001546 -0.001546 vf468750b
49	1.0 -0.009495	NaN -0.009495 -0.009495 -0.009495 -0.009495 -0.009495 vf468750b
50	1.0 0.076843	NaN 0.076843 0.076843 0.076843 0.076843 0.076843 vf468750b
51	1.0 -0.000804	NaN -0.000804 -0.000804 -0.000804 -0.000804 -0.000804 vf468750b
52	1.0 -0.043133	NaN -0.043133 -0.043133 -0.043133 -0.043133 -0.043133 vf468750b
53	1.0 -0.052404	NaN -0.052404 -0.052404 -0.052404 -0.052404 -0.052404 vf468750b
54	1.0 0.018525	NaN 0.018525 0.018525 0.018525 0.018525 0.018525 vf468750b
55	1.0 0.017936	NaN 0.017936 0.017936 0.017936 0.017936 0.017936 vf468750b
56	1.0 -0.049429	NaN -0.049429 -0.049429 -0.049429 -0.049429 -0.049429 vf468750b
57	1.0 -0.033607	NaN -0.033607 -0.033607 -0.033607 -0.033607 -0.033607 vf468750b
58	1.0 0.025087	NaN 0.025087 0.025087 0.025087 0.025087 0.025087 vf468750b
59	1.0 -0.025324	NaN -0.025324 -0.025324 -0.025324 -0.025324 -0.025324 vf468750b
60	1.0 -0.054103	NaN -0.054103 -0.054103 -0.054103 -0.054103 -0.054103 vf468750b
61	1.0 -0.079041	NaN -0.079041 -0.079041 -0.079041 -0.079041 -0.079041 vf468750b
62	1.0 -0.012500	NaN -0.012500 -0.012500 -0.012500 -0.012500 -0.012500 vf468750b
63	1.0 0.126333	NaN 0.126333 0.126333 0.126333 0.126333 0.126333 vf468750b
64	1.0 0.018061	NaN 0.018061 0.018061 0.018061 0.018061 0.018061 vf468750b

65	1.0	0.001684	NaN	0.001684	0.001684	0.001684	0.001684	0.001684	vf468750b
66	1.0	0.073281	NaN	0.073281	0.073281	0.073281	0.073281	0.073281	vf468750b
67	1.0	0.015905	NaN	0.015905	0.015905	0.015905	0.015905	0.015905	vf468750b
68	1.0	-0.005658	NaN	-0.005658	-0.005658	-0.005658	-0.005658	-0.005658	vf468750b
69	1.0	-0.038187	NaN	-0.038187	-0.038187	-0.038187	-0.038187	-0.038187	vf468750b
70	1.0	0.049868	NaN	0.049868	0.049868	0.049868	0.049868	0.049868	vf468750b
71	1.0	0.163392	NaN	0.163392	0.163392	0.163392	0.163392	0.163392	vf468750b
72	1.0	0.056847	NaN	0.056847	0.056847	0.056847	0.056847	0.056847	vf468750b
73	1.0	-0.098544	NaN	-0.098544	-0.098544	-0.098544	-0.098544	-0.098544	vf468750b
74	1.0	-0.092907	NaN	-0.092907	-0.092907	-0.092907	-0.092907	-0.092907	vf468750b
75	1.0	-0.068616	NaN	-0.068616	-0.068616	-0.068616	-0.068616	-0.068616	vf468750b
76	1.0	-0.048230	NaN	-0.048230	-0.048230	-0.048230	-0.048230	-0.048230	vf468750b
77	1.0	-0.077153	NaN	-0.077153	-0.077153	-0.077153	-0.077153	-0.077153	vf468750b
78	1.0	0.059365	NaN	0.059365	0.059365	0.059365	0.059365	0.059365	vf468750b
79	1.0	-0.132217	NaN	-0.132217	-0.132217	-0.132217	-0.132217	-0.132217	vf468750b
80	1.0	0.182237	NaN	0.182237	0.182237	0.182237	0.182237	0.182237	vf468750b
81	1.0	-0.071887	NaN	-0.071887	-0.071887	-0.071887	-0.071887	-0.071887	vf468750b
82	1.0	0.036201	NaN	0.036201	0.036201	0.036201	0.036201	0.036201	vf468750b
83	1.0	0.036274	NaN	0.036274	0.036274	0.036274	0.036274	0.036274	vf468750b
84	1.0	0.021675	NaN	0.021675	0.021675	0.021675	0.021675	0.021675	vf468750b
85	1.0	0.012857	NaN	0.012857	0.012857	0.012857	0.012857	0.012857	vf468750b
86	1.0	-0.079874	NaN	-0.079874	-0.079874	-0.079874	-0.079874	-0.079874	vf468750b
87	1.0	-0.051428	NaN	-0.051428	-0.051428	-0.051428	-0.051428	-0.051428	vf468750b
88	1.0	-0.099810	NaN	-0.099810	-0.099810	-0.099810	-0.099810	-0.099810	vf468750b
89	1.0	0.059495	NaN	0.059495	0.059495	0.059495	0.059495	0.059495	vf468750b
90	1.0	-0.025993	NaN	-0.025993	-0.025993	-0.025993	-0.025993	-0.025993	vf468750b
91	1.0	-0.012069	NaN	-0.012069	-0.012069	-0.012069	-0.012069	-0.012069	vf468750b

92	1.0	0.036557	NaN	0.036557	0.036557	0.036557	0.036557	0.036557	vf468750b
93	1.0	-0.101656	NaN	-0.101656	-0.101656	-0.101656	-0.101656	-0.101656	vf468750b
94	1.0	-0.009901	NaN	-0.009901	-0.009901	-0.009901	-0.009901	-0.009901	vf468750b
95	1.0	-0.041757	NaN	-0.041757	-0.041757	-0.041757	-0.041757	-0.041757	vf468750b
96	1.0	0.061066	NaN	0.061066	0.061066	0.061066	0.061066	0.061066	vf468750b
97	1.0	-0.025226	NaN	-0.025226	-0.025226	-0.025226	-0.025226	-0.025226	vf468750b
98	1.0	0.004929	NaN	0.004929	0.004929	0.004929	0.004929	0.004929	vf468750b
99	1.0	0.020308	NaN	0.020308	0.020308	0.020308	0.020308	0.020308	vf468750b
100	1.0	0.002784	NaN	0.002784	0.002784	0.002784	0.002784	0.002784	vf468750b
101	1.0	-0.192100	NaN	-0.192100	-0.192100	-0.192100	-0.192100	-0.192100	vf468750b
102	1.0	0.036969	NaN	0.036969	0.036969	0.036969	0.036969	0.036969	vf468750b
103	1.0	0.018753	NaN	0.018753	0.018753	0.018753	0.018753	0.018753	vf468750b
104	1.0	-0.013781	NaN	-0.013781	-0.013781	-0.013781	-0.013781	-0.013781	vf468750b
105	1.0	-0.008017	NaN	-0.008017	-0.008017	-0.008017	-0.008017	-0.008017	vf468750b
106	1.0	-0.056367	NaN	-0.056367	-0.056367	-0.056367	-0.056367	-0.056367	vf468750b
107	1.0	-0.005266	NaN	-0.005266	-0.005266	-0.005266	-0.005266	-0.005266	vf468750b
108	1.0	-0.082270	NaN	-0.082270	-0.082270	-0.082270	-0.082270	-0.082270	vf468750b
109	1.0	0.085337	NaN	0.085337	0.085337	0.085337	0.085337	0.085337	vf468750b
110	1.0	0.018869	NaN	0.018869	0.018869	0.018869	0.018869	0.018869	vf468750b
111	1.0	0.064479	NaN	0.064479	0.064479	0.064479	0.064479	0.064479	vf468750b
112	1.0	-0.070529	NaN	-0.070529	-0.070529	-0.070529	-0.070529	-0.070529	vf468750b
113	1.0	-0.035786	NaN	-0.035786	-0.035786	-0.035786	-0.035786	-0.035786	vf468750b
114	1.0	0.017989	NaN	0.017989	0.017989	0.017989	0.017989	0.017989	vf468750b
115	1.0	-0.030195	NaN	-0.030195	-0.030195	-0.030195	-0.030195	-0.030195	vf468750b
116	1.0	-0.005460	NaN	-0.005460	-0.005460	-0.005460	-0.005460	-0.005460	vf468750b
117	1.0	-0.010163	NaN	-0.010163	-0.010163	-0.010163	-0.010163	-0.010163	vf468750b
118	1.0	0.114374	NaN	0.114374	0.114374	0.114374	0.114374	0.114374	vf468750b

```
119   1.0 -0.041624    NaN -0.041624 -0.041624 -0.041624 -0.041624 -0.041624  vf468750b

120   1.0 -0.006540    NaN -0.006540 -0.006540 -0.006540 -0.006540 -0.006540  vf468750b

121   1.0 -0.024674    NaN -0.024674 -0.024674 -0.024674 -0.024674 -0.024674  vf468750b

122   1.0  0.011180    NaN  0.011180  0.011180  0.011180  0.011180  0.011180  vf468750b

123   1.0 -0.008746    NaN -0.008746 -0.008746 -0.008746 -0.008746 -0.008746  vf468750b

124   1.0  0.031288    NaN  0.031288  0.031288  0.031288  0.031288  0.031288  vf468750b

125   1.0  0.180057    NaN  0.180057  0.180057  0.180057  0.180057  0.180057  vf468750b

126   1.0 -0.001388    NaN -0.001388 -0.001388 -0.001388 -0.001388 -0.001388  vf468750b

127   1.0 -0.166761    NaN -0.166761 -0.166761 -0.166761 -0.166761 -0.166761  vf468750b

0     1.0 -0.046510    NaN -0.046510 -0.046510 -0.046510 -0.046510 -0.046510  vf9fd55e1

1     1.0  0.028897    NaN  0.028897  0.028897  0.028897  0.028897  0.028897  vf9fd55e1

2     1.0  0.110857    NaN  0.110857  0.110857  0.110857  0.110857  0.110857  vf9fd55e1

3     1.0  0.003805    NaN  0.003805  0.003805  0.003805  0.003805  0.003805  vf9fd55e1

4     1.0 -0.087508    NaN -0.087508 -0.087508 -0.087508 -0.087508 -0.087508  vf9fd55e1

5     1.0  0.083066    NaN  0.083066  0.083066  0.083066  0.083066  0.083066  vf9fd55e1

6     1.0  0.041476    NaN  0.041476  0.041476  0.041476  0.041476  0.041476  vf9fd55e1

7     1.0 -0.126371    NaN -0.126371 -0.126371 -0.126371 -0.126371 -0.126371  vf9fd55e1

8     1.0  0.025890    NaN  0.025890  0.025890  0.025890  0.025890  0.025890  vf9fd55e1

9     1.0 -0.018414    NaN -0.018414 -0.018414 -0.018414 -0.018414 -0.018414  vf9fd55e1

10    1.0  0.093656    NaN  0.093656  0.093656  0.093656  0.093656  0.093656  vf9fd55e1

11    1.0  0.128467    NaN  0.128467  0.128467  0.128467  0.128467  0.128467  vf9fd55e1

12    1.0 -0.047488    NaN -0.047488 -0.047488 -0.047488 -0.047488 -0.047488  vf9fd55e1

13    1.0  0.098139    NaN  0.098139  0.098139  0.098139  0.098139  0.098139  vf9fd55e1

14    1.0 -0.001841    NaN -0.001841 -0.001841 -0.001841 -0.001841 -0.001841  vf9fd55e1

15    1.0  0.052211    NaN  0.052211  0.052211  0.052211  0.052211  0.052211  vf9fd55e1

16    1.0  0.033583    NaN  0.033583  0.033583  0.033583  0.033583  0.033583  vf9fd55e1

17    1.0  0.069798    NaN  0.069798  0.069798  0.069798  0.069798  0.069798  vf9fd55e1
```

18	1.0	0.111828	NaN	0.111828	0.111828	0.111828	0.111828	0.111828	vf9fd55e1
19	1.0	-0.011330	NaN	-0.011330	-0.011330	-0.011330	-0.011330	-0.011330	vf9fd55e1
20	1.0	-0.085975	NaN	-0.085975	-0.085975	-0.085975	-0.085975	-0.085975	vf9fd55e1
21	1.0	-0.011230	NaN	-0.011230	-0.011230	-0.011230	-0.011230	-0.011230	vf9fd55e1
22	1.0	0.144975	NaN	0.144975	0.144975	0.144975	0.144975	0.144975	vf9fd55e1
23	1.0	0.017095	NaN	0.017095	0.017095	0.017095	0.017095	0.017095	vf9fd55e1
24	1.0	0.086148	NaN	0.086148	0.086148	0.086148	0.086148	0.086148	vf9fd55e1
25	1.0	-0.045144	NaN	-0.045144	-0.045144	-0.045144	-0.045144	-0.045144	vf9fd55e1
26	1.0	0.007115	NaN	0.007115	0.007115	0.007115	0.007115	0.007115	vf9fd55e1
27	1.0	-0.007613	NaN	-0.007613	-0.007613	-0.007613	-0.007613	-0.007613	vf9fd55e1
28	1.0	0.084856	NaN	0.084856	0.084856	0.084856	0.084856	0.084856	vf9fd55e1
29	1.0	0.076501	NaN	0.076501	0.076501	0.076501	0.076501	0.076501	vf9fd55e1
30	1.0	0.011414	NaN	0.011414	0.011414	0.011414	0.011414	0.011414	vf9fd55e1
31	1.0	0.014289	NaN	0.014289	0.014289	0.014289	0.014289	0.014289	vf9fd55e1
32	1.0	-0.006463	NaN	-0.006463	-0.006463	-0.006463	-0.006463	-0.006463	vf9fd55e1
33	1.0	-0.060709	NaN	-0.060709	-0.060709	-0.060709	-0.060709	-0.060709	vf9fd55e1
34	1.0	0.023868	NaN	0.023868	0.023868	0.023868	0.023868	0.023868	vf9fd55e1
35	1.0	-0.094275	NaN	-0.094275	-0.094275	-0.094275	-0.094275	-0.094275	vf9fd55e1
36	1.0	0.007791	NaN	0.007791	0.007791	0.007791	0.007791	0.007791	vf9fd55e1
37	1.0	-0.162346	NaN	-0.162346	-0.162346	-0.162346	-0.162346	-0.162346	vf9fd55e1
38	1.0	-0.047228	NaN	-0.047228	-0.047228	-0.047228	-0.047228	-0.047228	vf9fd55e1
39	1.0	0.067425	NaN	0.067425	0.067425	0.067425	0.067425	0.067425	vf9fd55e1
40	1.0	0.083529	NaN	0.083529	0.083529	0.083529	0.083529	0.083529	vf9fd55e1
41	1.0	0.132722	NaN	0.132722	0.132722	0.132722	0.132722	0.132722	vf9fd55e1
42	1.0	-0.118278	NaN	-0.118278	-0.118278	-0.118278	-0.118278	-0.118278	vf9fd55e1
43	1.0	-0.052094	NaN	-0.052094	-0.052094	-0.052094	-0.052094	-0.052094	vf9fd55e1
44	1.0	0.086987	NaN	0.086987	0.086987	0.086987	0.086987	0.086987	vf9fd55e1

45	1.0	0.005157	NaN	0.005157	0.005157	0.005157	0.005157	0.005157	vf9fd55e1
46	1.0	-0.005468	NaN	-0.005468	-0.005468	-0.005468	-0.005468	-0.005468	vf9fd55e1
47	1.0	-0.046786	NaN	-0.046786	-0.046786	-0.046786	-0.046786	-0.046786	vf9fd55e1
48	1.0	0.046055	NaN	0.046055	0.046055	0.046055	0.046055	0.046055	vf9fd55e1
49	1.0	0.065181	NaN	0.065181	0.065181	0.065181	0.065181	0.065181	vf9fd55e1
50	1.0	-0.046553	NaN	-0.046553	-0.046553	-0.046553	-0.046553	-0.046553	vf9fd55e1
51	1.0	0.038585	NaN	0.038585	0.038585	0.038585	0.038585	0.038585	vf9fd55e1
52	1.0	-0.093219	NaN	-0.093219	-0.093219	-0.093219	-0.093219	-0.093219	vf9fd55e1
53	1.0	0.113536	NaN	0.113536	0.113536	0.113536	0.113536	0.113536	vf9fd55e1
54	1.0	-0.015792	NaN	-0.015792	-0.015792	-0.015792	-0.015792	-0.015792	vf9fd55e1
55	1.0	-0.065658	NaN	-0.065658	-0.065658	-0.065658	-0.065658	-0.065658	vf9fd55e1
56	1.0	0.035191	NaN	0.035191	0.035191	0.035191	0.035191	0.035191	vf9fd55e1
57	1.0	0.005254	NaN	0.005254	0.005254	0.005254	0.005254	0.005254	vf9fd55e1
58	1.0	-0.019525	NaN	-0.019525	-0.019525	-0.019525	-0.019525	-0.019525	vf9fd55e1
59	1.0	0.030500	NaN	0.030500	0.030500	0.030500	0.030500	0.030500	vf9fd55e1
60	1.0	0.035045	NaN	0.035045	0.035045	0.035045	0.035045	0.035045	vf9fd55e1
61	1.0	-0.098278	NaN	-0.098278	-0.098278	-0.098278	-0.098278	-0.098278	vf9fd55e1
62	1.0	0.034190	NaN	0.034190	0.034190	0.034190	0.034190	0.034190	vf9fd55e1
63	1.0	-0.000818	NaN	-0.000818	-0.000818	-0.000818	-0.000818	-0.000818	vf9fd55e1
64	1.0	0.000699	NaN	0.000699	0.000699	0.000699	0.000699	0.000699	vf9fd55e1
65	1.0	0.053283	NaN	0.053283	0.053283	0.053283	0.053283	0.053283	vf9fd55e1
66	1.0	0.039464	NaN	0.039464	0.039464	0.039464	0.039464	0.039464	vf9fd55e1
67	1.0	0.099619	NaN	0.099619	0.099619	0.099619	0.099619	0.099619	vf9fd55e1
68	1.0	-0.056470	NaN	-0.056470	-0.056470	-0.056470	-0.056470	-0.056470	vf9fd55e1
69	1.0	0.003265	NaN	0.003265	0.003265	0.003265	0.003265	0.003265	vf9fd55e1
70	1.0	-0.006370	NaN	-0.006370	-0.006370	-0.006370	-0.006370	-0.006370	vf9fd55e1
71	1.0	0.060149	NaN	0.060149	0.060149	0.060149	0.060149	0.060149	vf9fd55e1

72	1.0 -0.049507	NaN -0.049507 -0.049507 -0.049507 -0.049507 -0.049507	vf9fd55e1
73	1.0 -0.042038	NaN -0.042038 -0.042038 -0.042038 -0.042038 -0.042038	vf9fd55e1
74	1.0 0.046964	NaN 0.046964 0.046964 0.046964 0.046964 0.046964	vf9fd55e1
75	1.0 -0.100640	NaN -0.100640 -0.100640 -0.100640 -0.100640 -0.100640	vf9fd55e1
76	1.0 -0.120663	NaN -0.120663 -0.120663 -0.120663 -0.120663 -0.120663	vf9fd55e1
77	1.0 -0.080727	NaN -0.080727 -0.080727 -0.080727 -0.080727 -0.080727	vf9fd55e1
78	1.0 -0.101415	NaN -0.101415 -0.101415 -0.101415 -0.101415 -0.101415	vf9fd55e1
79	1.0 -0.103608	NaN -0.103608 -0.103608 -0.103608 -0.103608 -0.103608	vf9fd55e1
80	1.0 -0.043907	NaN -0.043907 -0.043907 -0.043907 -0.043907 -0.043907	vf9fd55e1
81	1.0 0.054359	NaN 0.054359 0.054359 0.054359 0.054359 0.054359	vf9fd55e1
82	1.0 -0.140219	NaN -0.140219 -0.140219 -0.140219 -0.140219 -0.140219	vf9fd55e1
83	1.0 -0.003236	NaN -0.003236 -0.003236 -0.003236 -0.003236 -0.003236	vf9fd55e1
84	1.0 -0.139225	NaN -0.139225 -0.139225 -0.139225 -0.139225 -0.139225	vf9fd55e1
85	1.0 0.125299	NaN 0.125299 0.125299 0.125299 0.125299 0.125299	vf9fd55e1
86	1.0 0.010912	NaN 0.010912 0.010912 0.010912 0.010912 0.010912	vf9fd55e1
87	1.0 0.098246	NaN 0.098246 0.098246 0.098246 0.098246 0.098246	vf9fd55e1
88	1.0 -0.064402	NaN -0.064402 -0.064402 -0.064402 -0.064402 -0.064402	vf9fd55e1
89	1.0 -0.029683	NaN -0.029683 -0.029683 -0.029683 -0.029683 -0.029683	vf9fd55e1
90	1.0 -0.049982	NaN -0.049982 -0.049982 -0.049982 -0.049982 -0.049982	vf9fd55e1
91	1.0 -0.153070	NaN -0.153070 -0.153070 -0.153070 -0.153070 -0.153070	vf9fd55e1
92	1.0 0.006867	NaN 0.006867 0.006867 0.006867 0.006867 0.006867	vf9fd55e1
93	1.0 0.007100	NaN 0.007100 0.007100 0.007100 0.007100 0.007100	vf9fd55e1
94	1.0 0.012267	NaN 0.012267 0.012267 0.012267 0.012267 0.012267	vf9fd55e1
95	1.0 -0.106059	NaN -0.106059 -0.106059 -0.106059 -0.106059 -0.106059	vf9fd55e1
96	1.0 -0.022615	NaN -0.022615 -0.022615 -0.022615 -0.022615 -0.022615	vf9fd55e1
97	1.0 -0.084530	NaN -0.084530 -0.084530 -0.084530 -0.084530 -0.084530	vf9fd55e1
98	1.0 0.115030	NaN 0.115030 0.115030 0.115030 0.115030 0.115030	vf9fd55e1

99	1.0	0.032724	NaN	0.032724	0.032724	0.032724	0.032724	0.032724	vf9fd55e1
100	1.0	0.101612	NaN	0.101612	0.101612	0.101612	0.101612	0.101612	vf9fd55e1
101	1.0	-0.004222	NaN	-0.004222	-0.004222	-0.004222	-0.004222	-0.004222	vf9fd55e1
102	1.0	-0.082092	NaN	-0.082092	-0.082092	-0.082092	-0.082092	-0.082092	vf9fd55e1
103	1.0	-0.009820	NaN	-0.009820	-0.009820	-0.009820	-0.009820	-0.009820	vf9fd55e1
104	1.0	-0.025271	NaN	-0.025271	-0.025271	-0.025271	-0.025271	-0.025271	vf9fd55e1
105	1.0	0.061655	NaN	0.061655	0.061655	0.061655	0.061655	0.061655	vf9fd55e1
106	1.0	-0.004629	NaN	-0.004629	-0.004629	-0.004629	-0.004629	-0.004629	vf9fd55e1
107	1.0	0.063972	NaN	0.063972	0.063972	0.063972	0.063972	0.063972	vf9fd55e1
108	1.0	0.049894	NaN	0.049894	0.049894	0.049894	0.049894	0.049894	vf9fd55e1
109	1.0	0.024464	NaN	0.024464	0.024464	0.024464	0.024464	0.024464	vf9fd55e1
110	1.0	0.130482	NaN	0.130482	0.130482	0.130482	0.130482	0.130482	vf9fd55e1
111	1.0	0.032008	NaN	0.032008	0.032008	0.032008	0.032008	0.032008	vf9fd55e1
112	1.0	0.011591	NaN	0.011591	0.011591	0.011591	0.011591	0.011591	vf9fd55e1
113	1.0	-0.008119	NaN	-0.008119	-0.008119	-0.008119	-0.008119	-0.008119	vf9fd55e1
114	1.0	0.108234	NaN	0.108234	0.108234	0.108234	0.108234	0.108234	vf9fd55e1
115	1.0	0.084823	NaN	0.084823	0.084823	0.084823	0.084823	0.084823	vf9fd55e1
116	1.0	-0.227676	NaN	-0.227676	-0.227676	-0.227676	-0.227676	-0.227676	vf9fd55e1
117	1.0	0.077705	NaN	0.077705	0.077705	0.077705	0.077705	0.077705	vf9fd55e1
118	1.0	0.086987	NaN	0.086987	0.086987	0.086987	0.086987	0.086987	vf9fd55e1
119	1.0	-0.018215	NaN	-0.018215	-0.018215	-0.018215	-0.018215	-0.018215	vf9fd55e1
120	1.0	0.094562	NaN	0.094562	0.094562	0.094562	0.094562	0.094562	vf9fd55e1
121	1.0	-0.072770	NaN	-0.072770	-0.072770	-0.072770	-0.072770	-0.072770	vf9fd55e1
122	1.0	0.125831	NaN	0.125831	0.125831	0.125831	0.125831	0.125831	vf9fd55e1
123	1.0	-0.068302	NaN	-0.068302	-0.068302	-0.068302	-0.068302	-0.068302	vf9fd55e1
124	1.0	-0.057415	NaN	-0.057415	-0.057415	-0.057415	-0.057415	-0.057415	vf9fd55e1
125	1.0	0.057760	NaN	0.057760	0.057760	0.057760	0.057760	0.057760	vf9fd55e1

126	1.0 -0.130398	NaN -0.130398 -0.130398 -0.130398 -0.130398 -0.130398 vf9fd55e1
127	1.0 0.123857	NaN 0.123857 0.123857 0.123857 0.123857 0.123857 vf9fd55e1
0	1.0 0.078538	NaN 0.078538 0.078538 0.078538 0.078538 0.078538 vfcd8d105
1	1.0 -0.043931	NaN -0.043931 -0.043931 -0.043931 -0.043931 -0.043931 vfcd8d105
2	1.0 -0.049636	NaN -0.049636 -0.049636 -0.049636 -0.049636 -0.049636 vfcd8d105
3	1.0 0.016692	NaN 0.016692 0.016692 0.016692 0.016692 0.016692 vfcd8d105
4	1.0 0.061835	NaN 0.061835 0.061835 0.061835 0.061835 0.061835 vfcd8d105
5	1.0 -0.013176	NaN -0.013176 -0.013176 -0.013176 -0.013176 -0.013176 vfcd8d105
6	1.0 0.012462	NaN 0.012462 0.012462 0.012462 0.012462 0.012462 vfcd8d105
7	1.0 -0.002698	NaN -0.002698 -0.002698 -0.002698 -0.002698 -0.002698 vfcd8d105
8	1.0 -0.058674	NaN -0.058674 -0.058674 -0.058674 -0.058674 -0.058674 vfcd8d105
9	1.0 0.046616	NaN 0.046616 0.046616 0.046616 0.046616 0.046616 vfcd8d105
10	1.0 0.022107	NaN 0.022107 0.022107 0.022107 0.022107 0.022107 vfcd8d105
11	1.0 0.086317	NaN 0.086317 0.086317 0.086317 0.086317 0.086317 vfcd8d105
12	1.0 -0.064320	NaN -0.064320 -0.064320 -0.064320 -0.064320 -0.064320 vfcd8d105
13	1.0 0.029421	NaN 0.029421 0.029421 0.029421 0.029421 0.029421 vfcd8d105
14	1.0 0.077414	NaN 0.077414 0.077414 0.077414 0.077414 0.077414 vfcd8d105
15	1.0 -0.023417	NaN -0.023417 -0.023417 -0.023417 -0.023417 -0.023417 vfcd8d105
16	1.0 -0.014720	NaN -0.014720 -0.014720 -0.014720 -0.014720 -0.014720 vfcd8d105
17	1.0 -0.001319	NaN -0.001319 -0.001319 -0.001319 -0.001319 -0.001319 vfcd8d105
18	1.0 0.001873	NaN 0.001873 0.001873 0.001873 0.001873 0.001873 vfcd8d105
19	1.0 0.068940	NaN 0.068940 0.068940 0.068940 0.068940 0.068940 vfcd8d105
20	1.0 -0.036733	NaN -0.036733 -0.036733 -0.036733 -0.036733 -0.036733 vfcd8d105
21	1.0 -0.088263	NaN -0.088263 -0.088263 -0.088263 -0.088263 -0.088263 vfcd8d105
22	1.0 0.065330	NaN 0.065330 0.065330 0.065330 0.065330 0.065330 vfcd8d105
23	1.0 -0.063122	NaN -0.063122 -0.063122 -0.063122 -0.063122 -0.063122 vfcd8d105
24	1.0 -0.004703	NaN -0.004703 -0.004703 -0.004703 -0.004703 -0.004703 vfcd8d105

25	1.0	0.088219	NaN	0.088219	0.088219	0.088219	0.088219	0.088219	vfcd8d105
26	1.0	0.021221	NaN	0.021221	0.021221	0.021221	0.021221	0.021221	vfcd8d105
27	1.0	0.051046	NaN	0.051046	0.051046	0.051046	0.051046	0.051046	vfcd8d105
28	1.0	0.015868	NaN	0.015868	0.015868	0.015868	0.015868	0.015868	vfcd8d105
29	1.0	0.024425	NaN	0.024425	0.024425	0.024425	0.024425	0.024425	vfcd8d105
30	1.0	-0.133551	NaN	-0.133551	-0.133551	-0.133551	-0.133551	-0.133551	vfcd8d105
31	1.0	0.056655	NaN	0.056655	0.056655	0.056655	0.056655	0.056655	vfcd8d105
32	1.0	0.136718	NaN	0.136718	0.136718	0.136718	0.136718	0.136718	vfcd8d105
33	1.0	-0.026145	NaN	-0.026145	-0.026145	-0.026145	-0.026145	-0.026145	vfcd8d105
34	1.0	-0.043553	NaN	-0.043553	-0.043553	-0.043553	-0.043553	-0.043553	vfcd8d105
35	1.0	0.012507	NaN	0.012507	0.012507	0.012507	0.012507	0.012507	vfcd8d105
36	1.0	0.026940	NaN	0.026940	0.026940	0.026940	0.026940	0.026940	vfcd8d105
37	1.0	0.006536	NaN	0.006536	0.006536	0.006536	0.006536	0.006536	vfcd8d105
38	1.0	0.004777	NaN	0.004777	0.004777	0.004777	0.004777	0.004777	vfcd8d105
39	1.0	0.016919	NaN	0.016919	0.016919	0.016919	0.016919	0.016919	vfcd8d105
40	1.0	-0.042422	NaN	-0.042422	-0.042422	-0.042422	-0.042422	-0.042422	vfcd8d105
41	1.0	0.016722	NaN	0.016722	0.016722	0.016722	0.016722	0.016722	vfcd8d105
42	1.0	-0.045768	NaN	-0.045768	-0.045768	-0.045768	-0.045768	-0.045768	vfcd8d105
43	1.0	0.041103	NaN	0.041103	0.041103	0.041103	0.041103	0.041103	vfcd8d105
44	1.0	-0.005502	NaN	-0.005502	-0.005502	-0.005502	-0.005502	-0.005502	vfcd8d105
45	1.0	0.006611	NaN	0.006611	0.006611	0.006611	0.006611	0.006611	vfcd8d105
46	1.0	-0.067840	NaN	-0.067840	-0.067840	-0.067840	-0.067840	-0.067840	vfcd8d105
47	1.0	0.039558	NaN	0.039558	0.039558	0.039558	0.039558	0.039558	vfcd8d105
48	1.0	-0.015942	NaN	-0.015942	-0.015942	-0.015942	-0.015942	-0.015942	vfcd8d105
49	1.0	0.004159	NaN	0.004159	0.004159	0.004159	0.004159	0.004159	vfcd8d105
50	1.0	0.035431	NaN	0.035431	0.035431	0.035431	0.035431	0.035431	vfcd8d105
51	1.0	0.070711	NaN	0.070711	0.070711	0.070711	0.070711	0.070711	vfcd8d105

52	1.0 -0.004265	NaN -0.004265 -0.004265 -0.004265 -0.004265 -0.004265	vfcd8d105
53	1.0 -0.008523	NaN -0.008523 -0.008523 -0.008523 -0.008523 -0.008523	vfcd8d105
54	1.0 0.000056	NaN 0.000056 0.000056 0.000056 0.000056 0.000056	vfcd8d105
55	1.0 -0.036110	NaN -0.036110 -0.036110 -0.036110 -0.036110 -0.036110	vfcd8d105
56	1.0 0.056109	NaN 0.056109 0.056109 0.056109 0.056109 0.056109	vfcd8d105
57	1.0 -0.018623	NaN -0.018623 -0.018623 -0.018623 -0.018623 -0.018623	vfcd8d105
58	1.0 0.116649	NaN 0.116649 0.116649 0.116649 0.116649 0.116649	vfcd8d105
59	1.0 0.028857	NaN 0.028857 0.028857 0.028857 0.028857 0.028857	vfcd8d105
60	1.0 0.011846	NaN 0.011846 0.011846 0.011846 0.011846 0.011846	vfcd8d105
61	1.0 0.048056	NaN 0.048056 0.048056 0.048056 0.048056 0.048056	vfcd8d105
62	1.0 -0.038961	NaN -0.038961 -0.038961 -0.038961 -0.038961 -0.038961	vfcd8d105
63	1.0 0.061040	NaN 0.061040 0.061040 0.061040 0.061040 0.061040	vfcd8d105
64	1.0 0.060399	NaN 0.060399 0.060399 0.060399 0.060399 0.060399	vfcd8d105
65	1.0 -0.054822	NaN -0.054822 -0.054822 -0.054822 -0.054822 -0.054822	vfcd8d105
66	1.0 0.013449	NaN 0.013449 0.013449 0.013449 0.013449 0.013449	vfcd8d105
67	1.0 -0.075881	NaN -0.075881 -0.075881 -0.075881 -0.075881 -0.075881	vfcd8d105
68	1.0 0.095422	NaN 0.095422 0.095422 0.095422 0.095422 0.095422	vfcd8d105
69	1.0 -0.003963	NaN -0.003963 -0.003963 -0.003963 -0.003963 -0.003963	vfcd8d105
70	1.0 0.062288	NaN 0.062288 0.062288 0.062288 0.062288 0.062288	vfcd8d105
71	1.0 0.094789	NaN 0.094789 0.094789 0.094789 0.094789 0.094789	vfcd8d105
72	1.0 0.115184	NaN 0.115184 0.115184 0.115184 0.115184 0.115184	vfcd8d105
73	1.0 0.032835	NaN 0.032835 0.032835 0.032835 0.032835 0.032835	vfcd8d105
74	1.0 0.013990	NaN 0.013990 0.013990 0.013990 0.013990 0.013990	vfcd8d105
75	1.0 -0.023129	NaN -0.023129 -0.023129 -0.023129 -0.023129 -0.023129	vfcd8d105
76	1.0 0.001520	NaN 0.001520 0.001520 0.001520 0.001520 0.001520	vfcd8d105
77	1.0 -0.012374	NaN -0.012374 -0.012374 -0.012374 -0.012374 -0.012374	vfcd8d105
78	1.0 -0.100202	NaN -0.100202 -0.100202 -0.100202 -0.100202 -0.100202	vfcd8d105

79	1.0 -0.014858	NaN -0.014858 -0.014858 -0.014858 -0.014858 -0.014858	vfcd8d105
80	1.0 -0.041784	NaN -0.041784 -0.041784 -0.041784 -0.041784 -0.041784	vfcd8d105
81	1.0 0.015474	NaN 0.015474 0.015474 0.015474 0.015474 0.015474	vfcd8d105
82	1.0 0.097136	NaN 0.097136 0.097136 0.097136 0.097136 0.097136	vfcd8d105
83	1.0 0.023272	NaN 0.023272 0.023272 0.023272 0.023272 0.023272	vfcd8d105
84	1.0 -0.078799	NaN -0.078799 -0.078799 -0.078799 -0.078799 -0.078799	vfcd8d105
85	1.0 0.031907	NaN 0.031907 0.031907 0.031907 0.031907 0.031907	vfcd8d105
86	1.0 0.016417	NaN 0.016417 0.016417 0.016417 0.016417 0.016417	vfcd8d105
87	1.0 0.035877	NaN 0.035877 0.035877 0.035877 0.035877 0.035877	vfcd8d105
88	1.0 -0.033523	NaN -0.033523 -0.033523 -0.033523 -0.033523 -0.033523	vfcd8d105
89	1.0 0.048141	NaN 0.048141 0.048141 0.048141 0.048141 0.048141	vfcd8d105
90	1.0 -0.064534	NaN -0.064534 -0.064534 -0.064534 -0.064534 -0.064534	vfcd8d105
91	1.0 -0.030176	NaN -0.030176 -0.030176 -0.030176 -0.030176 -0.030176	vfcd8d105
92	1.0 0.137298	NaN 0.137298 0.137298 0.137298 0.137298 0.137298	vfcd8d105
93	1.0 0.020396	NaN 0.020396 0.020396 0.020396 0.020396 0.020396	vfcd8d105
94	1.0 0.015785	NaN 0.015785 0.015785 0.015785 0.015785 0.015785	vfcd8d105
95	1.0 -0.001171	NaN -0.001171 -0.001171 -0.001171 -0.001171 -0.001171	vfcd8d105
96	1.0 -0.088329	NaN -0.088329 -0.088329 -0.088329 -0.088329 -0.088329	vfcd8d105
97	1.0 0.055950	NaN 0.055950 0.055950 0.055950 0.055950 0.055950	vfcd8d105
98	1.0 -0.080542	NaN -0.080542 -0.080542 -0.080542 -0.080542 -0.080542	vfcd8d105
99	1.0 -0.000110	NaN -0.000110 -0.000110 -0.000110 -0.000110 -0.000110	vfcd8d105
100	1.0 0.077469	NaN 0.077469 0.077469 0.077469 0.077469 0.077469	vfcd8d105
101	1.0 -0.083460	NaN -0.083460 -0.083460 -0.083460 -0.083460 -0.083460	vfcd8d105
102	1.0 0.052247	NaN 0.052247 0.052247 0.052247 0.052247 0.052247	vfcd8d105
103	1.0 -0.019899	NaN -0.019899 -0.019899 -0.019899 -0.019899 -0.019899	vfcd8d105
104	1.0 0.120057	NaN 0.120057 0.120057 0.120057 0.120057 0.120057	vfcd8d105
105	1.0 -0.022618	NaN -0.022618 -0.022618 -0.022618 -0.022618 -0.022618	vfcd8d105

106   1.0 -0.050714   NaN -0.050714 -0.050714 -0.050714 -0.050714 -0.050714 vfcd8d105

107   1.0 0.093502   NaN 0.093502 0.093502 0.093502 0.093502 0.093502 vfcd8d105

108   1.0 -0.029742   NaN -0.029742 -0.029742 -0.029742 -0.029742 -0.029742 vfcd8d105

109   1.0 0.035130   NaN 0.035130 0.035130 0.035130 0.035130 0.035130 vfcd8d105

110   1.0 0.045935   NaN 0.045935 0.045935 0.045935 0.045935 0.045935 vfcd8d105

111   1.0 0.022615   NaN 0.022615 0.022615 0.022615 0.022615 0.022615 vfcd8d105

112   1.0 -0.061248   NaN -0.061248 -0.061248 -0.061248 -0.061248 -0.061248 vfcd8d105

113   1.0 -0.068283   NaN -0.068283 -0.068283 -0.068283 -0.068283 -0.068283 vfcd8d105

114   1.0 0.000532   NaN 0.000532 0.000532 0.000532 0.000532 0.000532 vfcd8d105

115   1.0 0.057738   NaN 0.057738 0.057738 0.057738 0.057738 0.057738 vfcd8d105

116   1.0 -0.116264   NaN -0.116264 -0.116264 -0.116264 -0.116264 -0.116264 vfcd8d105

117   1.0 -0.069710   NaN -0.069710 -0.069710 -0.069710 -0.069710 -0.069710 vfcd8d105

118   1.0 0.078669   NaN 0.078669 0.078669 0.078669 0.078669 0.078669 vfcd8d105

119   1.0 -0.027154   NaN -0.027154 -0.027154 -0.027154 -0.027154 -0.027154 vfcd8d105

120   1.0 -0.016320   NaN -0.016320 -0.016320 -0.016320 -0.016320 -0.016320 vfcd8d105

121   1.0 0.023806   NaN 0.023806 0.023806 0.023806 0.023806 0.023806 vfcd8d105

122   1.0 0.051543   NaN 0.051543 0.051543 0.051543 0.051543 0.051543 vfcd8d105

123   1.0 0.013636   NaN 0.013636 0.013636 0.013636 0.013636 0.013636 vfcd8d105

124   1.0 0.070353   NaN 0.070353 0.070353 0.070353 0.070353 0.070353 vfcd8d105

125   1.0 0.037627   NaN 0.037627 0.037627 0.037627 0.037627 0.037627 vfcd8d105

126   1.0 0.001153   NaN 0.001153 0.001153 0.001153 0.001153 0.001153 vfcd8d105

127   1.0 -0.065080   NaN -0.065080 -0.065080 -0.065080 -0.065080 -0.065080 vfcd8d105

2. Correlation Analysis

Pearson Correlation Matrix:
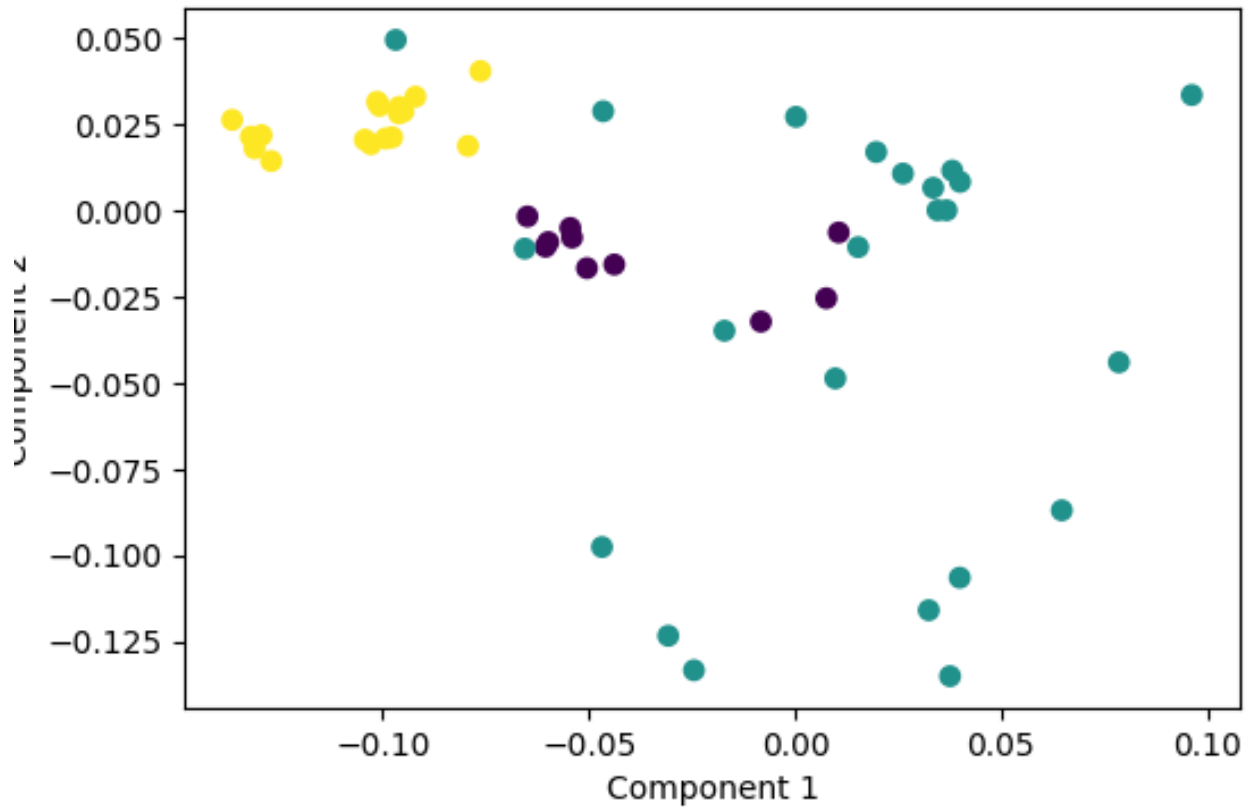
        v07b88d27 v0b4af99d v24bae30a v27abd7bb v2d95432a v3534e548 v572e0c1f v57e24711 v7f9cf09a

v873d6476 vc1857f72 vcba08223 vcef34340 vd33a434b veb1624d3 vf468750b vf9fd55e1 vfcd8d105

v07b88d27 1.000000 0.141317 0.024532 -0.149495 0.150491 -0.053531 -0.114184 -0.026557 0.066942

-0.090840 -0.017436 0.031082 0.032127 0.039096 -0.090792 -0.037698 0.010343 -0.041014

v0b4af99d 0.141317 1.000000 -0.133818 0.048542 0.164147 -0.081116 0.029813 0.036116 0.062178

-0.107997 0.072972 -0.153372 -0.078565 -0.153783 -0.061353 -0.171178 0.039697 -0.075932

v24bae30a 0.024532 -0.133818 1.000000 0.115619 0.030960 -0.111141 0.016464 -0.144866 -0.004708

0.063870 0.010121 0.094484 -0.052891 -0.022170 -0.023120 0.059044 -0.005750 0.036966

v27abd7bb -0.149495 0.048542 0.115619 1.000000 0.074033 0.078549 0.153491 -0.039591 -0.186190

-0.020770 0.032209 -0.003925 0.052376 0.022120 -0.054969 -0.043025 -0.082810 0.056692

v2d95432a 0.150491 0.164147 0.030960 0.074033 1.000000 0.074667 -0.074398 -0.152196 -0.057424

-0.181734 0.168629 0.056398 -0.004330 0.217672 0.140806 0.005173 -0.040358 0.055917

v3534e548 -0.053531 -0.081116 -0.111141 0.078549 0.074667 1.000000 0.012000 -0.174227 -0.134025

-0.075047 -0.117539 0.018509 0.093440 0.048884 -0.036620 0.049297 -0.124317 0.165804

v572e0c1f -0.114184 0.029813 0.016464 0.153491 -0.074398 0.012000 1.000000 0.045271 0.010207

0.046481 -0.222254 -0.031903 0.044821 -0.125156 -0.115608 -0.037712 0.062614 -0.087266

v57e24711 -0.026557 0.036116 -0.144866 -0.039591 -0.152196 -0.174227 0.045271 1.000000 0.097749

0.207949 0.012139 -0.169645 0.072257 -0.071636 -0.088192 -0.035346 -0.166547 0.055308

v7f9cf09a 0.066942 0.062178 -0.004708 -0.186190 -0.057424 -0.134025 0.010207 0.097749 1.000000

-0.114399 0.028414 -0.061852 -0.088325 -0.028313 0.060181 0.113008 0.169768 0.098599

v873d6476 -0.090840 -0.107997 0.063870 -0.020770 -0.181734 -0.075047 0.046481 0.207949 -0.114399

1.000000 0.225405 -0.191599 0.138895 0.061335 -0.020404 -0.158875 -0.033560 -0.048678

vc1857f72 -0.017436 0.072972 0.010121 0.032209 0.168629 -0.117539 -0.222254 0.012139 0.028414

0.225405 1.000000 0.041065 -0.096381 0.145865 -0.025373 0.125767 -0.048467 0.118704

vcba08223 0.031082 -0.153372 0.094484 -0.003925 0.056398 0.018509 -0.031903 -0.169645 -0.061852

-0.191599 0.041065 1.000000 0.097072 0.005115 0.012370 0.004398 -0.060005 0.145912

vcef34340 0.032127 -0.078565 -0.052891 0.052376 -0.004330 0.093440 0.044821 0.072257 -0.088325

0.138895 -0.096381 0.097072 1.000000 -0.067391 -0.084040 0.017920 0.009760 0.276492

vd33a434b 0.039096 -0.153783 -0.022170 0.022120 0.217672 0.048884 -0.125156 -0.071636 -0.028313

0.061335 0.145865 0.005115 -0.067391 1.000000 -0.111157 -0.001505 -0.112481 -0.070565

veb1624d3 -0.090792 -0.061353 -0.023120 -0.054969 0.140806 -0.036620 -0.115608 -0.088192 0.060181

-0.020404 -0.025373 0.012370 -0.084040 -0.111157 1.000000 -0.103443 -0.026238 -0.016700

vf468750b -0.037698 -0.171178 0.059044 -0.043025 0.005173 0.049297 -0.037712 -0.035346 0.113008

-0.158875 0.125767 0.004398 0.017920 -0.001505 -0.103443 1.000000 -0.029903 0.194018

vf9fd55e1 0.010343 0.039697 -0.005750 -0.082810 -0.040358 -0.124317 0.062614 -0.166547 0.169768

-0.033560 -0.048467 -0.060005 0.009760 -0.112481 -0.026238 -0.029903 1.000000 0.079516

vfcd8d105 -0.041014 -0.075932 0.036966 0.056692 0.055917 0.165804 -0.087266 0.055308 0.098599

-0.048678 0.118704 0.145912 0.276492 -0.070565 -0.016700 0.194018 0.079516 1.000000

Spearman Correlation Matrix:

        v07b88d27 v0b4af99d v24bae30a v27abd7bb v2d95432a v3534e548 v572e0c1f v57e24711 v7f9cf09a

v873d6476 vc1857f72 vcba08223 vcef34340 vd33a434b veb1624d3 vf468750b vf9fd55e1 vfcd8d105

v07b88d27 1.000000 0.080657 0.034334 -0.118476 0.184433 -0.037756 -0.090643 -0.052652 0.051267

-0.099587 -0.041642 0.024904 0.051336 0.042472 -0.060795 -0.103530 0.005493 -0.025121

v0b4af99d 0.080657 1.000000 -0.131346 -0.010712 0.115152 -0.046317 0.019061 0.020955 0.041407

-0.089859 0.045104 -0.127632 -0.085355 -0.141801 -0.072749 -0.234298 0.038529 -0.124542

v24bae30a 0.034334 -0.131346 1.000000 0.142144 -0.005110 -0.114225 0.007594 -0.132336 -0.005911

0.062746 -0.040022 0.106116 -0.031353 0.018129 -0.050237 0.001682 0.008887 0.031370

v27abd7bb -0.118476 -0.010712 0.142144 1.000000 0.068417 0.118997 0.138087 -0.048812 -0.153377

-0.034123 -0.005768 0.007142 0.080463 0.042311 -0.028669 -0.056068 -0.101733 0.042020

v2d95432a 0.184433 0.115152 -0.005110 0.068417 1.000000 0.062500 -0.090048 -0.125017 -0.072039

-0.147300 0.146556 0.056194 0.036784 0.222378 0.112743 0.012818 -0.018598 0.087455

v3534e548 -0.037756 -0.046317 -0.114225 0.118997 0.062500 1.000000 0.039084 -0.146098 -0.130247

-0.058105 -0.139249 0.006884 0.061390 0.035822 0.013585 0.028034 -0.176610 0.145383

v572e0c1f -0.090643 0.019061 0.007594 0.138087 -0.090048 0.039084 1.000000 0.033293 0.029934

0.046088 -0.213457 -0.032280 0.055107 -0.127690 -0.155964 -0.027605 0.055982 -0.113853
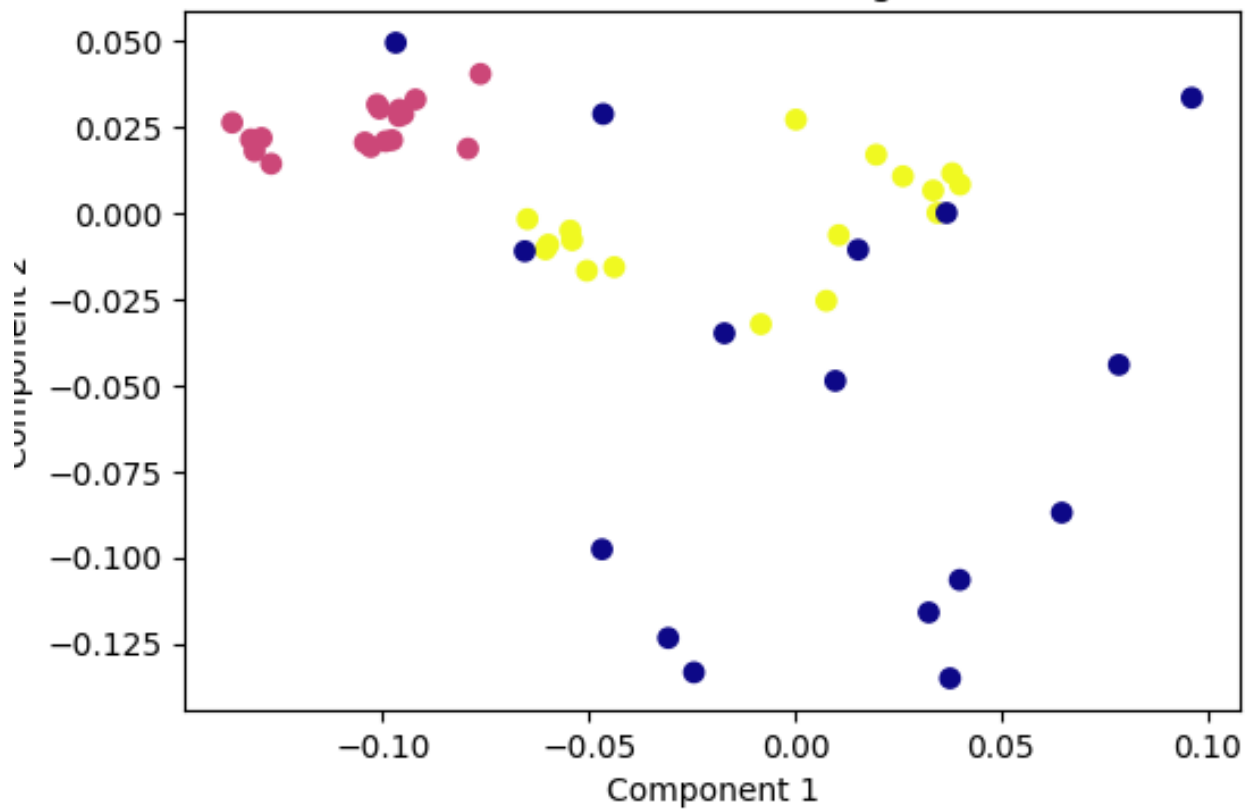
v57e24711 -0.052652   0.020955 -0.132336 -0.048812 -0.125017 -0.146098   0.033293   1.000000   0.106511

0.215820   0.044337 -0.198567   0.073579 -0.072245 -0.065041 -0.032732 -0.183351   0.026666

v7f9cf09a   0.051267   0.041407 -0.005911 -0.153377 -0.072039 -0.130247   0.029934   0.106511   1.000000

-0.103015   0.015107 -0.072068 -0.048057 -0.029591   0.011256   0.108537   0.196570   0.098322

v873d6476 -0.099587 -0.089859   0.062746 -0.034123 -0.147300 -0.058105   0.046088   0.215820 -0.103015

1.000000   0.209674 -0.163351   0.091078   0.084863 -0.047622 -0.134614 -0.001877 -0.102625

vc1857f72 -0.041642   0.045104 -0.040022 -0.005768   0.146556 -0.139249 -0.213457   0.044337   0.015107

0.209674   1.000000   0.108823 -0.041842   0.165108 -0.077470   0.149955 -0.080846   0.106866

vcba08223   0.024904 -0.127632   0.106116   0.007142   0.056194   0.006884 -0.032280 -0.198567 -0.072068

-0.163351   0.108823   1.000000   0.104417   0.048177 -0.032652   0.021642 -0.107884   0.158579

vcef34340   0.051336 -0.085355 -0.031353   0.080463   0.036784   0.061390   0.055107   0.073579 -0.048057

0.091078 -0.041842   0.104417   1.000000 -0.059393 -0.108416   0.054019   0.014523   0.245302

vd33a434b   0.042472 -0.141801   0.018129   0.042311   0.222378   0.035822 -0.127690 -0.072245 -0.029591

0.084863   0.165108   0.048177 -0.059393   1.000000 -0.110442   0.012652 -0.101378 -0.078643

veb1624d3 -0.060795 -0.072749 -0.050237 -0.028669   0.112743   0.013585 -0.155964 -0.065041   0.011256

-0.047622 -0.077470 -0.032652 -0.108416 -0.110442   1.000000 -0.054340 -0.019559 -0.008961

vf468750b -0.103530 -0.234298   0.001682 -0.056068   0.012818   0.028034 -0.027605 -0.032732   0.108537

-0.134614   0.149955   0.021642   0.054019   0.012652 -0.054340   1.000000 -0.024189   0.215717

vf9fd55e1   0.005493   0.038529   0.008887 -0.101733 -0.018598 -0.176610   0.055982 -0.183351   0.196570

-0.001877 -0.080846 -0.107884   0.014523 -0.101378 -0.019559 -0.024189   1.000000   0.047027

vfcd8d105 -0.025121 -0.124542   0.031370   0.042020   0.087455   0.145383 -0.113853   0.026666   0.098322

-0.102625   0.106866   0.158579   0.245302 -0.078643 -0.008961   0.215717   0.047027   1.000000
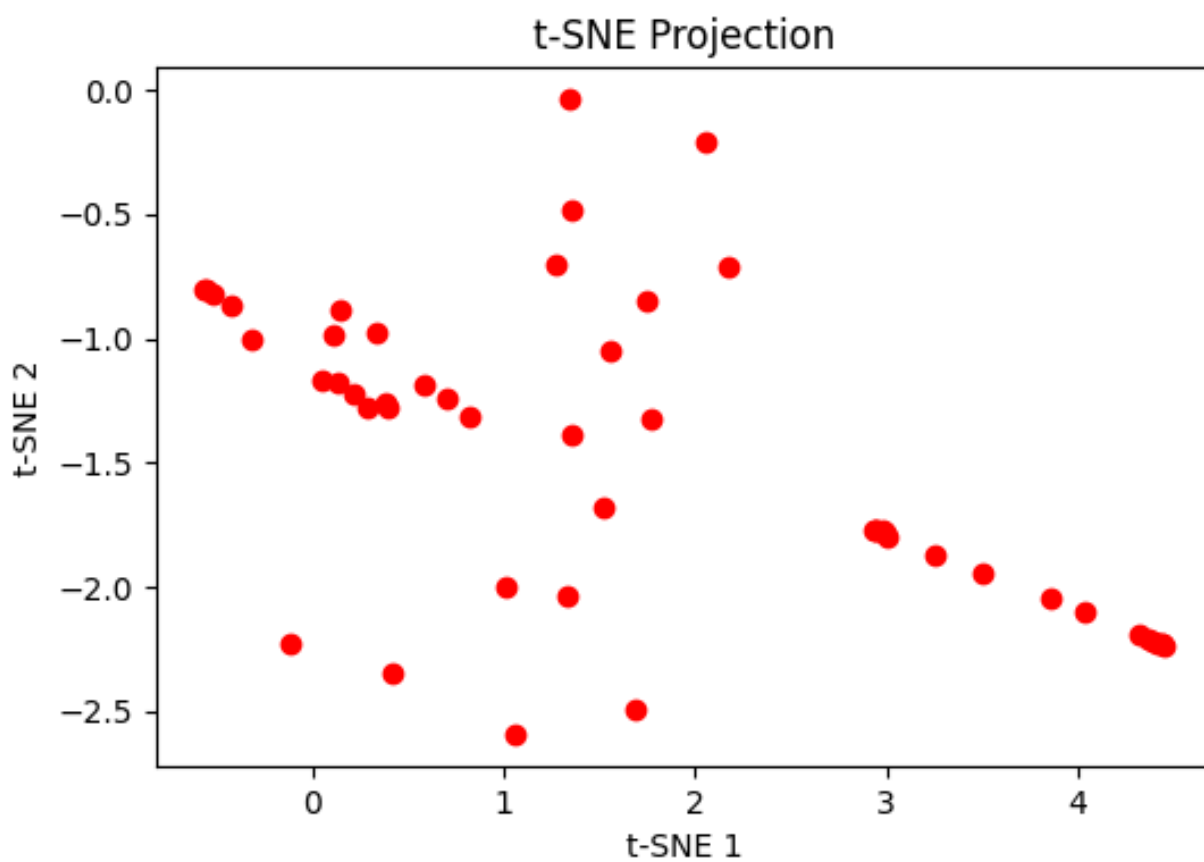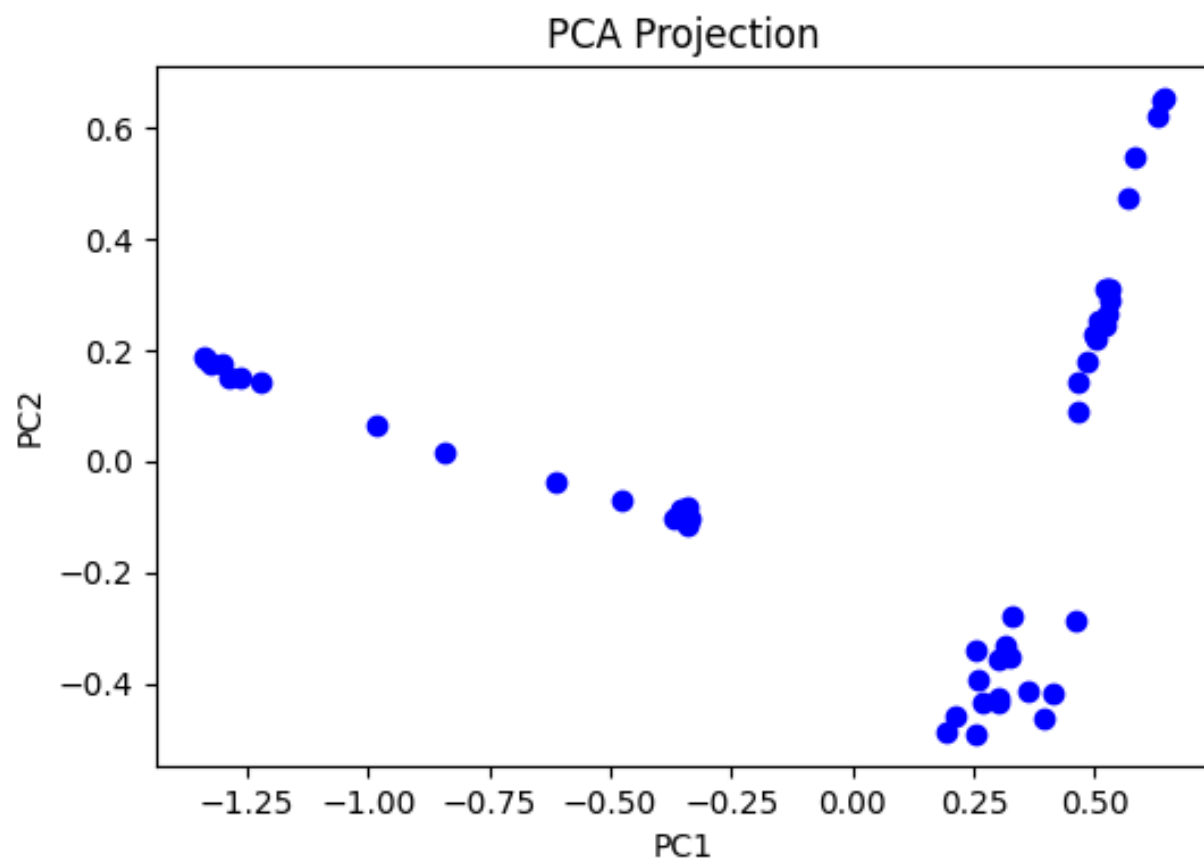

3. Clustering Analysis

K-Means Clustering

DBSCAN Clustering

4. Dimensionality Reduction

PCA Projection

t-SNE Projection

5. Comparative Analysis

Comparative Analysis Data:

	v07b88d27	v0b4af99d	v24bae30a	v27abd7bb	v2d95432a	v3534e548	v572e0c1f	v57e24711	v7f9cf09a	v873d6476	vc1857f72	vcba08223	vcef34340	vd33a434b	veb1624d3	vf468750b	vf9fd55e1	vfcd8d105
0	-0.105684	-0.030737	-0.010928	0.032437	-0.024501	-0.017116	-0.065528	0.009774	-0.096810	0.037593	0.064692	0.036751	-0.046800	0.015302	0.096215	0.039944	-0.046510	0.078538
1	0.025087	-0.123218	-0.002796	-0.115800	-0.133205	-0.034762	-0.010934	-0.048573	0.049582	-0.134930	-0.086835	0.000176	-0.097478	-0.010508	0.033602	-0.106366	0.028897	-0.043931
2	-0.053363	0.119787	0.185453	0.002581	0.006578	-0.226461	-0.004222	0.016172	0.114530	0.065970	0.138512	-0.007967	-0.151838	0.072932	0.106358	-0.165220	0.110857	-0.049636
3	0.085838	-0.045483	-0.029391	-0.025553	-0.037141	0.034056	-0.015094	-0.060974	-0.004307	0.000832	-0.050392	0.067878	-0.036954	-0.057831	0.019062	-0.084131	0.003805	0.016692
4	0.019315	-0.024069	0.028268	0.031785	0.159619	-0.078625	0.029449	0.032040	-0.065908	-0.032014	0.043207	0.029663	-0.032124	0.047420	-0.030805	-0.164796	-0.087508	0.061835
5	-0.132776	-0.084768	0.021884	0.093307	-0.024933	-0.086749	0.073730	-0.011444	-0.025012	-0.025166	-0.119605	0.032534	-0.051694	-0.069273	-0.025947	0.074830	0.083066	-0.013176
6	-0.053133	0.060405	-0.038115	0.054219	-0.095718	-0.093311	-0.063860	-0.056109	-0.006068	0.063232	-0.056315	-0.029377	-0.065365	-0.081481	-0.027432	0.022121	0.041476	0.012462
7	-0.038707	0.093200	-0.065781	-0.014901	0.121168	0.005595	0.076272	0.068050	0.018077	-0.005267	-0.011556	-0.060214	0.052824	-0.119018	-0.088431	0.043074	-0.126371	-0.002698
8	0.067052	0.107748	-0.017124	0.038666	0.108519	0.018959	0.033537	-0.008475	-0.073741	0.090638	-0.149401	-0.063968	-0.047752	0.015458	0.089670	-0.059594	0.025890	-0.058674
9	-0.033939	0.049770	0.148945	0.098237	0.006875	0.068872	-0.010074	-0.111689	-0.068724	-0.025019	0.007214	0.068018	0.112810	0.091242	0.017572	0.030688	-0.018414	0.046616
10	-0.081599	0.005575	-0.060575	-0.100335	-0.087667	0.040232	-0.190813	-0.129218	0.016210	-0.100951	-0.029093	0.081100	0.058207	0.081198	-0.106064	0.140812	0.093656	0.022107
11	-0.102962	-0.014927	-0.059054	-0.058886	0.138059	0.045316	-0.112721	0.010437	-0.042153	0.114929	-0.034269	-0.000438	0.161561	0.045118	0.052385	-0.111508	0.128467	0.086317
12	0.061385	-0.138183	0.231368	-0.018021	0.065525	-0.114358	-0.019373	0.002527	-0.059996	0.128192								

0.023694   0.011797   0.045963   0.108559 -0.016233   0.049808 -0.047488 -0.064320

13 -0.034674   0.015109 -0.178872 -0.028764 -0.010620 -0.010964   0.047138   0.022277 -0.073759   0.107233

0.093144 -0.020744 -0.034720 -0.017350 -0.040717 -0.004508   0.098139   0.029421

14 -0.020967   0.004521   0.070361 -0.016956 -0.024584 -0.032925   0.131283 -0.061292   0.037753   0.031235

-0.037542 -0.045886   0.102923   0.058197   0.031868 -0.012801 -0.001841   0.077414

15   0.039787   0.161128   0.001813   0.073014 -0.011108 -0.137990   0.133476 -0.024928 -0.034435 -0.049734

-0.025133   0.019723   0.093759 -0.028623   0.042024 -0.093274   0.052211 -0.023417

16   0.105879 -0.011566 -0.083497 -0.045869   0.010319 -0.099210 -0.020428   0.059155   0.033802   0.126807

0.058568 -0.065695   0.045073   0.003935 -0.069826   0.035625   0.033583 -0.014720

17   0.053341 -0.044616 -0.023673 -0.134126 -0.080787 -0.023071   0.021432 -0.063810 -0.017690   0.001766

-0.085709 -0.080704   0.022069   0.029261   0.052642   0.030606   0.069798 -0.001319

18 -0.093090   0.020484   0.106507   0.082277 -0.009177   0.032626   0.076561 -0.066170   0.069022   0.085885

-0.038817 -0.049105 -0.008121 -0.023731 -0.073539 -0.139496   0.111828   0.001873

19   0.027491 -0.063238   0.047217   0.031867   0.058176 -0.119340   0.029633 -0.004343 -0.063198   0.056109

-0.022610   0.012011   0.001695   0.112050 -0.061228 -0.027228 -0.011330   0.068940

20   0.194372   0.074311 -0.011217 -0.034212   0.074721 -0.005888 -0.059147 -0.022442 -0.031204 -0.032008

0.039207 -0.004989 -0.004634   0.078576 -0.046129   0.025780 -0.085975 -0.036733

21 -0.047878   0.013737 -0.076201 -0.070928 -0.180066 -0.019711   0.093580   0.011051 -0.037036   0.024958

-0.185648   0.033868   0.027374 -0.023446   0.015681 -0.136079 -0.011230 -0.088263

22   0.059304 -0.011858 -0.089222   0.019100   0.047774 -0.090250 -0.090309 -0.007965   0.001241 -0.074928

-0.039995 -0.013900 -0.045070 -0.017506   0.054549 -0.125997   0.144975   0.065330

23   0.031464   0.068685   0.160709 -0.029828 -0.028243 -0.101617 -0.040198   0.096297   0.025236   0.082986

0.018938 -0.112793 -0.070214   0.040994   0.081027   0.129028   0.017095 -0.063122

24   0.044314   0.140583   0.081974   0.198217   0.155162 -0.004938   0.069005 -0.163655   0.023091 -0.114014

0.026996   0.002629 -0.149813   0.027490 -0.046850 -0.064817   0.086148 -0.004703

25   0.061732   0.001323 -0.005140 -0.149766   0.025102   0.022660 -0.125126 -0.045200   0.118577 -0.065306

-0.191697 -0.136000   0.007087   0.007489   0.074852 -0.023145 -0.045144   0.088219

26   0.019797   0.046250 -0.007773 -0.058416 -0.012146 -0.094771 -0.042330   0.008558 -0.020988 -0.031348
-0.096192   0.010076 -0.026555 -0.091868 -0.025519 -0.119460   0.007115   0.021221

27   0.021875   0.044977   0.185103 -0.118616 -0.026337   0.096875 -0.130058   0.015754 -0.027764 -0.014365
-0.059087 -0.054578   0.055723 -0.062738 -0.087068   0.013951 -0.007613   0.051046

28   0.024624 -0.073331   0.086502 -0.054299   0.015810 -0.019638 -0.024565   0.002419 -0.048766   0.170123
0.040300 -0.030896   0.029274   0.009975 -0.028974   0.042158   0.084856   0.015868

29   -0.060095 -0.139568   0.027185 -0.057690 -0.007131   0.156068 -0.041753 -0.044281   0.114172   0.012190
-0.050249 -0.085958   0.012630 -0.007372   0.033614   0.029035   0.076501   0.024425

30   -0.033780   0.034020   0.041057   0.021345   0.046426 -0.056527 -0.076553   0.021370 -0.021769 -0.078146
-0.155121 -0.074301 -0.048109 -0.056912 -0.004454 -0.013579   0.011414 -0.133551

31   0.163699 -0.016719 -0.214888 -0.050097   0.009711 -0.058347 -0.155635   0.030928   0.049105 -0.006568
0.075970   0.067625   0.031226   0.020324   0.015583   0.051215   0.014289   0.056655

32   -0.102673 -0.012802 -0.008666 -0.055597 -0.098132   0.038723 -0.008377   0.096829   0.081112   0.129323
0.090121 -0.011680   0.009219   0.088964 -0.055140   0.043219 -0.006463   0.136718

33   0.017536   0.136170 -0.204984 -0.064418   0.016061 -0.090595 -0.012755   0.092528 -0.058814   0.033874
0.025248 -0.051064 -0.114809   0.035551   0.026954 -0.052072 -0.060709 -0.026145

34   0.138563   0.026253   0.134581   0.030498 -0.079814 -0.049998 -0.071566 -0.046158   0.096069   0.019334
0.101939   0.006717 -0.059613   0.049883 -0.004907 -0.060448   0.023868 -0.043553

35   -0.038221 -0.062162   0.184075   0.042103   0.006100   0.087172   0.155782 -0.104467   0.006428 -0.052404
-0.025965 -0.015973 -0.100883   0.037916 -0.040776 -0.033247 -0.094275   0.012507

36   0.109303 -0.045540   0.206870 -0.059981   0.123114 -0.092868   0.119682 -0.066756 -0.022520 -0.037728
0.043285   0.136961   0.021100 -0.049241   0.010194   0.132639   0.007791   0.026940

37   0.015793   0.035888   0.223481 -0.044607   0.020000 -0.091401 -0.154028 -0.084367 -0.035480   0.061347
0.142041   0.034280 -0.019072 -0.016254   0.003152   0.069134 -0.162346   0.006536

38   0.138080   0.222881 -0.053851 -0.129230   0.057994 -0.100798   0.059421   0.049682   0.080444   0.046566
0.057935 -0.167810   0.050352 -0.060432 -0.027998 -0.013719 -0.047228   0.004777

39   0.013805 -0.013419 -0.186596   0.030469   0.012662   0.025215   0.058317   0.014831   0.010802 -0.064017

-0.123783 -0.006636 0.053512 -0.069619 0.038273 -0.155358 0.067425 0.016919

40 0.007234 0.016064 -0.008875 -0.023878 0.044593 -0.002315 0.010800 -0.137338 -0.040601 0.037980
-0.082707 -0.119705 -0.022716 0.052100 -0.059128 -0.004697 0.083529 -0.042422

41 0.068380 -0.064899 0.023518 -0.153461 0.066356 0.076148 -0.010343 -0.101398 -0.028713 0.104763
0.051873 0.021780 -0.019696 0.037938 0.087486 -0.024297 0.132722 0.016722

42 -0.040152 -0.003815 -0.043018 -0.021694 -0.075284 0.013251 -0.059012 0.039941 0.044138 0.075437
-0.016833 -0.048380 -0.113553 0.035242 0.066818 -0.038850 -0.118278 -0.045768

43 0.011026 -0.018583 0.045338 0.030080 -0.050409 0.018056 -0.094658 -0.068518 0.000977 0.024373
0.058530 -0.009227 0.048946 -0.116682 0.005521 -0.089667 -0.052094 0.041103

44 0.071495 -0.168716 0.038918 -0.157409 0.085207 0.047970 0.059587 -0.070064 0.078377 0.054389
0.015908 0.079230 -0.017382 0.069833 0.015250 0.014669 0.086987 -0.005502

45 0.008372 -0.004745 0.183331 -0.030814 0.177495 0.048781 0.018773 -0.080232 -0.057481 -0.131702
0.130917 0.028547 -0.109315 0.062875 0.051392 0.034168 0.005157 0.006611

46 0.094291 0.023037 0.069344 -0.029775 -0.043609 -0.042492 -0.142866 0.002406 0.040503 -0.122332
0.057724 0.048279 0.054937 0.021110 -0.024671 -0.029649 -0.005468 -0.067840

47 0.068223 -0.002407 -0.037899 -0.053588 0.071385 0.075078 0.052964 0.007886 0.092392 0.095622
-0.007344 0.058619 -0.007523 0.093814 0.010833 -0.106611 -0.046786 0.039558

48 -0.047374 0.047583 0.041908 -0.063952 -0.027568 -0.102779 0.123613 -0.016266 0.051208 0.081325
-0.133446 -0.000990 -0.061650 -0.032034 0.012845 -0.001546 0.046055 -0.015942

49 0.053279 -0.021086 -0.056702 -0.010999 0.002523 0.081700 -0.047717 -0.018346 0.033931 -0.038076
-0.087471 -0.030845 0.057749 -0.000144 0.026864 -0.009495 0.065181 0.004159

50 0.057624 0.025490 0.040446 -0.008830 0.140502 0.088299 -0.006588 -0.006161 0.077529 -0.187864
-0.133725 0.174080 0.009727 0.016404 0.081108 0.076843 -0.046553 0.035431

51 -0.068394 -0.075321 0.019602 0.033388 0.050526 -0.019112 0.017993 0.010275 0.018841 0.154894
0.133461 0.034638 0.056998 -0.032976 0.126035 -0.000804 0.038585 0.070711

52 -0.038543 -0.120265 0.182474 0.004785 -0.062911 -0.001040 0.040680 0.052283 -0.016058 0.063480
-0.027881 -0.008268 0.082533 0.101422 -0.048641 -0.043133 -0.093219 -0.004265

53   -0.064055   0.026503   0.153430   -0.030834   -0.067683   -0.034837   0.030460   -0.131653   0.041332   0.036725
-0.018155   0.024972   0.054862   -0.063412   -0.030473   -0.052404   0.113536   -0.008523

54   0.053477   0.017783   -0.007534   -0.003977   -0.050359   -0.034202   0.020687   -0.011995   0.042205   0.000045
-0.010148   -0.038491   -0.024413   -0.051131   -0.114318   0.018525   -0.015792   0.000056

55   -0.072234   0.094438   -0.126142   -0.010731   -0.098569   0.102703   0.061291   0.024464   0.062856   -0.127794
-0.048063   0.080937   -0.035089   0.030849   -0.021348   0.017936   -0.065658   -0.036110

56   0.041270   0.162380   -0.069544   -0.039856   0.057242   -0.126038   -0.007946   0.007015   0.043168   -0.032539
-0.011901   -0.019391   -0.048832   0.014687   0.059529   -0.049429   0.035191   0.056109

57   -0.111271   0.135427   -0.019550   -0.024708   -0.002346   -0.048336   -0.081864   -0.037887   -0.043675   0.066330
0.105594   0.076086   -0.024214   -0.018737   -0.018330   -0.033607   0.005254   -0.018623

58   -0.036294   -0.078676   -0.205512   0.055018   -0.081197   0.035693   -0.117370   0.043269   0.037913   -0.080094
0.096410   0.017394   0.005425   -0.012674   -0.009839   0.025087   -0.019525   0.116649

59   -0.103361   -0.013415   0.049157   -0.026054   0.109985   -0.019886   -0.022797   0.040965   -0.012918   -0.085945
-0.038094   0.001824   0.025098   -0.065384   0.077188   -0.025324   0.030500   0.028857

60   -0.018571   0.029430   0.171299   -0.010592   -0.104656   -0.024980   -0.084355   0.083663   0.027438   0.064290
0.009396   -0.014207   -0.160630   0.081969   0.005658   -0.054103   0.035045   0.011846

61   0.002716   0.055146   0.175535   0.002446   0.149073   0.037139   -0.069113   -0.109389   -0.037915   -0.056738
0.051267   0.054247   0.066581   0.002152   0.049712   -0.079041   -0.098278   0.048056

62   -0.012954   0.067167   -0.044387   0.020443   0.033409   -0.121899   0.047579   0.132925   0.014149   -0.002450
-0.079844   -0.041857   0.064839   -0.040260   0.046300   -0.012500   0.034190   -0.038961

63   -0.043344   -0.070860   0.148825   0.028771   -0.085408   -0.012997   0.047482   0.090804   0.066953   0.085729
0.118581   -0.118173   -0.008822   -0.100816   0.052536   0.126333   -0.000818   0.061040

64   0.032239   -0.060861   0.151610   -0.167275   0.044470   0.076001   0.028603   -0.120016   0.055739   -0.103818
-0.085893   -0.033748   0.010546   0.012739   0.063225   0.018061   0.000699   0.060399

65   -0.001626   -0.053908   -0.023784   -0.048605   -0.214241   -0.181279   0.016616   0.008949   0.088469   0.065510
0.028084   -0.002297   0.024469   -0.068206   -0.022825   0.001684   0.053283   -0.054822

66   -0.084327   -0.050526   -0.025628   0.072184   0.051260   0.070068   0.127733   0.021494   0.048837   0.070831

0.009025 0.085361 0.057852 -0.021330 -0.055923 0.073281 0.039464 0.013449

67 0.085420 -0.078183 -0.100502 0.077957 0.110900 0.002884 -0.056616 -0.110107 0.012870 -0.007808
-0.026519 0.020968 0.020205 0.120352 0.009580 0.015905 0.099619 -0.075881

68 -0.012901 -0.024030 -0.046182 0.017862 -0.086018 0.061798 0.118096 0.007603 -0.033064 0.068642
0.013346 -0.029567 -0.064707 -0.066104 0.020197 -0.005658 -0.056470 0.095422

69 0.048575 -0.061914 -0.057772 -0.043055 0.014826 -0.036984 0.004209 0.033846 -0.019295 0.086339
0.054607 -0.025532 -0.001611 0.102960 -0.067428 -0.038187 0.003265 -0.003963

70 -0.068117 0.044038 0.006336 0.000651 -0.003629 0.095086 0.012510 0.064400 0.037977 -0.061022
0.054929 0.025934 -0.023502 0.036532 -0.114712 0.049868 -0.006370 0.062288

71 0.012281 0.120720 -0.013444 -0.013559 -0.064428 -0.036400 0.058984 -0.102816 0.072256 -0.057589
0.000458 0.000037 0.043021 -0.079465 -0.039804 0.163392 0.060149 0.094789

72 -0.110197 -0.079093 0.024534 0.138725 -0.060109 0.032091 0.114174 0.024335 -0.035185 0.045538
-0.005341 -0.175793 0.107466 0.065460 -0.069245 0.056847 -0.049507 0.115184

73 0.031322 0.108208 0.083841 -0.081596 0.017806 -0.012589 -0.117854 0.107389 0.019998 0.114046
-0.093487 0.002883 -0.029517 -0.006717 -0.027276 -0.098544 -0.042038 0.032835

74 -0.085344 -0.170761 0.121139 0.114320 0.020016 -0.039291 -0.008050 -0.044854 -0.038958 0.065842
0.039641 0.049882 0.012776 0.070770 -0.046936 -0.092907 0.046964 0.013990

75 -0.078649 0.121250 0.131930 0.042047 0.115971 0.054193 0.000095 -0.062515 0.029259 0.001319
0.108722 0.071369 -0.074846 0.099261 -0.026013 -0.068616 -0.100640 -0.023129

76 -0.046577 -0.186029 -0.001675 -0.152395 -0.058216 -0.128237 -0.099916 0.034806 -0.019253 0.066085
0.027114 0.056875 -0.043078 -0.026774 -0.005690 -0.048230 -0.120663 0.001520

77 0.045075 -0.051707 -0.301203 -0.034100 0.017748 0.025030 0.012062 0.033903 -0.000709 0.071092
-0.049459 -0.013718 0.021806 0.168006 -0.021673 -0.077153 -0.080727 -0.012374

78 -0.000674 -0.004614 0.009355 -0.080950 -0.057320 0.002592 0.052626 -0.112010 -0.067675 -0.103654
0.049952 -0.017999 -0.163219 -0.078768 0.027491 0.059365 -0.101415 -0.100202

79 0.052289 0.088571 -0.121426 -0.008053 -0.050509 0.079357 0.044070 0.049657 -0.034377 0.117395
0.012216 -0.099357 0.161891 -0.078000 0.069406 -0.132217 -0.103608 -0.014858

80   0.000426   0.099980   -0.162833   0.067230   0.072990   0.076216   0.027827   0.041756   0.083093   -0.138758
-0.022882   -0.084855   -0.089825   0.068160   -0.067269   0.182237   -0.043907   -0.041784

81   0.021496   -0.019672   0.069172   0.024097   -0.057031   0.081515   -0.057344   -0.063544   -0.117569   0.041097
-0.084167   -0.060363   -0.010605   0.007413   -0.009049   -0.071887   0.054359   0.015474

82   -0.057851   -0.142027   0.082634   0.000644   -0.151697   0.048269   0.008210   0.041680   -0.086799   0.045927
-0.169976   0.122499   0.134631   -0.039724   -0.007085   0.036201   -0.140219   0.097136

83   0.028256   -0.096922   0.133892   0.055684   -0.046558   0.098482   -0.111813   -0.063046   0.066722   0.020282
-0.038096   -0.010303   0.000112   0.047149   0.057941   0.036274   -0.003236   0.023272

84   -0.003737   -0.102348   0.088690   0.070968   0.022101   0.018480   -0.002147   -0.103366   -0.066508   0.094680
-0.068333   0.033156   -0.058857   0.054624   0.076179   0.021675   -0.139225   -0.078799

85   0.009439   0.056516   -0.113914   -0.002964   0.038007   0.016420   0.071688   -0.109062   -0.066320   -0.027595
0.041523   0.076723   0.164350   0.001608   -0.054043   0.012857   0.125299   0.031907

86   0.027409   -0.055719   -0.002751   -0.063129   -0.045208   0.063085   0.141090   0.025148   0.037140   0.039722
0.021954   0.184854   0.010442   -0.045940   -0.037033   -0.079874   0.010912   0.016417

87   -0.035226   -0.027177   0.142084   0.095750   0.005581   0.005394   0.048561   -0.147389   0.081888   0.102870
-0.037328   -0.031700   -0.051688   -0.097725   0.196438   -0.051428   0.098246   0.035877

88   0.072407   -0.009242   0.081175   0.073543   -0.026303   0.096451   0.034213   -0.105196   -0.074946   0.017024
-0.152457   0.035623   0.032574   -0.029406   -0.123044   -0.099810   -0.064402   -0.033523

89   -0.080020   -0.039777   -0.121274   -0.072939   0.006796   -0.013292   0.017133   -0.048096   -0.007612   -0.135017
-0.141538   0.112578   -0.074545   0.032171   0.104351   0.059495   -0.029683   0.048141

90   -0.027045   -0.064979   0.007059   -0.034894   0.018452   -0.188646   0.111343   -0.027687   0.015367   -0.092539
-0.185216   0.122689   0.103024   -0.072638   0.043682   -0.025993   -0.049982   -0.064534

91   -0.137524   0.016838   -0.114660   0.089357   0.007086   0.058235   0.065132   0.025577   -0.079583   0.005109
0.035293   -0.113453   -0.002664   0.081325   0.066207   -0.012069   -0.153070   -0.030176

92   0.043496   -0.025149   0.176473   0.137221   -0.075450   -0.133534   -0.100410   0.059474   -0.006113   -0.017542
0.051942   0.120470   0.046398   -0.126885   0.029709   0.036557   0.006867   0.137298

93   -0.048887   0.053547   -0.035799   -0.089007   -0.028083   -0.109918   -0.045098   -0.072626   -0.002038   0.061501

0.152277 -0.006250 -0.036454 0.038478 -0.024857 -0.101656 0.007100 0.020396

94 0.058729 -0.060716 0.012614 -0.004794 -0.005519 -0.081732 0.015627 -0.005949 0.037881 -0.091712
-0.142466 -0.071245 -0.163927 0.013122 -0.078159 -0.009901 0.012267 0.015785

95 0.023503 -0.068108 -0.155261 -0.038294 -0.055806 0.079709 -0.062372 0.000495 -0.021528 0.051268
-0.004424 0.131248 0.021746 -0.006108 -0.006955 -0.041757 -0.106059 -0.001171

96 -0.026682 -0.079424 -0.069860 0.014402 0.134755 -0.102069 -0.042893 -0.090070 0.001621 -0.079956
0.137436 0.011029 -0.129889 0.038016 0.037137 0.061066 -0.022615 -0.088329

97 0.108039 0.159751 -0.125767 0.020236 0.006290 0.002034 -0.047458 0.032980 0.068046 -0.040706
0.070839 -0.026142 -0.011221 -0.068690 -0.008914 -0.025226 -0.084530 0.055950

98 -0.104706 0.048971 -0.155118 -0.105301 -0.039462 0.040864 0.149472 0.010240 -0.009816 0.093753
-0.021973 -0.068605 -0.099670 -0.119327 0.043021 0.004929 0.115030 -0.080542

99 -0.077532 0.016695 -0.011886 -0.093637 0.139407 0.037567 -0.033120 -0.137869 0.060840 -0.085004
0.005933 -0.025719 -0.062498 -0.075223 0.021747 0.020308 0.032724 -0.000110

100 0.016989 0.094894 -0.056691 -0.010733 0.078028 -0.023399 0.006796 -0.035172 0.045683 0.046846
0.013916 -0.062639 0.074716 0.077810 -0.089588 0.002784 0.101612 0.077469

101 0.026310 0.111316 -0.050647 -0.046608 -0.084224 0.067617 0.088695 0.008207 -0.025753 -0.012570
-0.086631 0.016644 -0.070333 -0.078246 0.063471 -0.192100 -0.004222 -0.083460

102 -0.156123 -0.082408 -0.057771 0.027568 0.009366 -0.012099 0.019920 -0.017499 0.018379 -0.048470
0.001179 0.034572 0.032437 0.112991 0.013257 0.036969 -0.082092 0.052247

103 -0.030915 -0.128405 0.113200 0.030162 -0.108429 0.013365 0.135800 0.098394 -0.018900 0.078033
-0.035876 -0.035123 0.016843 -0.121135 0.058350 0.018753 -0.009820 -0.019899

104 0.103915 0.095237 0.207180 0.072071 0.116496 0.088385 -0.014074 -0.001176 -0.072411 0.009939
-0.054305 0.071281 0.019629 -0.032767 -0.089995 -0.013781 -0.025271 0.120057

105 -0.077076 -0.025803 -0.109208 -0.069168 -0.065759 -0.009225 -0.011131 0.058947 0.016846 -0.039902
-0.014209 -0.070130 -0.028273 0.050749 0.027945 -0.008017 0.061655 -0.022618

106 -0.027430 -0.020041 -0.036431 0.028419 -0.098399 0.029183 0.071508 -0.112397 -0.064107 0.020617
0.066055 -0.044785 -0.045411 0.084499 -0.041216 -0.056367 -0.004629 -0.050714

107 -0.058454 0.047250 -0.042581 0.036677 -0.089979 -0.103831 0.048049 -0.088642 0.085721 -0.014680

-0.064084 0.010766 0.061558 -0.060154 0.049725 -0.005266 0.063972 0.093502

108 0.000486 0.057219 0.026954 0.036460 0.022376 0.098475 0.073680 0.038735 -0.025516 0.048282

-0.073074 -0.054285 0.005468 -0.023215 0.059675 -0.082270 0.049894 -0.029742

109 0.046369 0.081747 -0.105437 0.019300 0.003232 -0.007863 0.062840 -0.098617 0.062875 0.106590

0.017465 0.029686 0.055264 -0.006539 -0.011197 0.085337 0.024464 0.035130

110 0.001396 -0.048421 -0.111601 -0.062305 0.042090 0.085061 -0.064626 -0.014687 -0.025054 0.016177

0.088387 -0.058473 0.021274 -0.088389 -0.015275 0.018869 0.130482 0.045935

111 0.007828 -0.046071 -0.094842 -0.061705 -0.020365 0.063320 -0.198504 -0.077173 0.006676 0.044218

0.096520 0.065545 -0.050487 0.049126 -0.007543 0.064479 0.032008 0.022615

112 0.039397 -0.002347 0.080524 -0.055968 -0.108182 -0.100575 0.045621 0.010925 0.003628 0.093367

0.034336 -0.002109 -0.009877 0.003469 -0.149307 -0.070529 0.011591 -0.061248

113 -0.011608 0.010220 -0.066163 0.126817 -0.145779 0.099379 0.055636 -0.018252 -0.113448 0.075830

-0.027255 -0.067998 0.097944 -0.046080 -0.159224 -0.035786 -0.008119 -0.068283

114 -0.055648 -0.016981 0.029049 -0.018195 0.042015 -0.099244 -0.029095 0.006927 0.043489 0.007738

0.038940 -0.030701 0.052883 0.004590 -0.018675 0.017989 0.108234 0.000532

115 0.071582 -0.035073 0.060817 0.086879 0.051922 -0.016988 0.114709 0.141954 0.074813 -0.059926

0.039685 0.031162 -0.019705 0.030853 -0.117125 -0.030195 0.084823 0.057738

116 -0.049508 -0.096182 0.013550 0.044308 0.135400 -0.077938 -0.100944 0.033747 0.035004 0.120383

0.041369 -0.109304 0.057992 0.086829 0.046869 -0.005460 -0.227676 -0.116264

117 -0.017462 0.046655 0.086597 -0.088042 -0.080155 -0.054692 0.000749 -0.024782 -0.053297 0.104628

-0.005328 -0.025014 -0.177294 0.055075 -0.127150 -0.010163 0.077705 -0.069710

118 -0.062944 -0.067292 0.090845 -0.048949 -0.009465 -0.024633 0.086363 0.024412 0.016563 -0.085776

-0.096873 -0.055841 -0.068395 -0.036462 -0.146627 0.114374 0.086987 0.078669

119 0.002488 0.034897 0.041328 0.073077 0.070646 0.072567 -0.117713 -0.017126 -0.058588 -0.014068

-0.046149 -0.089268 -0.023760 -0.045817 0.017156 -0.041624 -0.018215 -0.027154

120 0.034149 -0.007774 0.090276 -0.125598 -0.025056 -0.061946 0.068330 0.037195 0.019342 -0.004916

-0.066882 0.040672 0.173569 0.034303 -0.063476 -0.006540 0.094562 -0.016320

121 -0.101710 0.104830 -0.037977 0.014228 0.129748 0.090398 -0.063955 -0.037370 -0.076028 0.032025

0.086746 0.098727 0.005438 -0.068383 0.030991 -0.024674 -0.072770 0.023806

122 0.032917 -0.014606 0.006146 0.037403 -0.005917 -0.023135 -0.034103 -0.068880 -0.109542 -0.098154

-0.012024 -0.027650 0.049345 0.056308 0.072849 0.011180 0.125831 0.051543

123 0.053642 -0.059886 -0.131434 0.058074 0.016191 0.103836 0.012700 -0.088722 -0.063183 -0.018824

-0.082029 0.024235 -0.033603 0.074120 0.019814 -0.008746 -0.068302 0.013636

124 -0.053408 -0.059037 -0.133526 -0.053081 0.075581 0.010400 -0.101239 -0.029424 -0.010249 0.042801

0.150902 -0.031238 -0.015416 -0.015451 0.090270 0.031288 -0.057415 0.070353

125 0.051126 -0.082478 0.165925 -0.008943 -0.139265 -0.009991 -0.023696 -0.012402 0.021565 -0.028444

-0.043174 0.030367 -0.056687 -0.080233 0.029816 0.180057 0.057760 0.037627

126 -0.075532 -0.038827 0.052641 0.019383 -0.105035 -0.033491 0.061338 -0.012719 0.028477 0.165445

-0.076816 0.002832 -0.015331 0.039298 -0.029777 -0.001388 -0.130398 0.001153

127 -0.106780 0.024780 0.012259 0.022198 -0.080569 -0.069881 -0.092756 -0.022646 0.039201 -0.005095

-0.042702 -0.006672 -0.024851 -0.021300 0.057627 -0.166761 0.123857 -0.065080

6. Summary and Conclusion

The analyses performed reveal relationships between various components of the Mirror Modeling system. Further testing is required to establish statistical significance.