

Equity Derivatives  
Volatility Surface  
Date: 24 Jan 2025

VolatilitySurfaceCode	TermToExpiry	Moneyness	VolatilityAdjustment
ZATR	0.419178	1.3	-0.001212
ZATR	0.057534	0.975	0.028376
ZATR	0.328767	1	0
ZATR	1	0.975	0.007168
ZATR	0.49589	0.7	0.133072
ZATR	0.057534	1	0
ZATR	0.328767	1.05	-0.014397
ZATR	1.246575	0.9	0.028973
ZATR	0.49589	0.9	0.045458
ZATR	0.057534	1.025	-0.014432
ZATR	0.419178	1	0
ZATR	1.246575	0.975	0.006398
ZATR	0.747945	1.025	-0.004799
ZATR	0.115068	0.9	0.078874
ZATR	0.419178	1.05	-0.012764
ZATR	1.246575	1.3	-0.008441
ZATR	0.747945	1.05	-0.008794
ZATR	0.115068	0.95	0.041922
ZATR	0.49589	0.95	0.021613
ZATR	1.49589	0.9	0.026543
ZATR	0.747945	1.1	-0.013974
ZATR	0.115068	0.975	0.020686
ZATR	0.49589	1	0
ZATR	1.49589	0.975	0.005776
ZATR	0.747945	1.3	-0.005007
ZATR	0.115068	1	0
ZATR	0.747945	0.95	0.017222
ZATR	0.419178	0.975	0.011127
ZATR	1	0.7	0.100314
ZATR	0.019178	1	0
ZATR	0.747945	1	0

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ZATR	0.419178	1.025	-0.007143
ZATR	1.246575	1	0
ZATR	0.019178	1.025	-0.008486
ZATR	1	0.95	0.015015
ZATR	0.49589	0.975	0.010397
ZATR	1.246575	1.025	-0.003201
ZATR	0.019178	1.05	0.011649
ZATR	1	1	0
ZATR	0.49589	1.025	-0.006385
ZATR	1.246575	1.05	-0.006001
ZATR	0.019178	1.1	0.0136
ZATR	1.246575	0.7	0.09325
ZATR	0.747945	0.9	0.036479
ZATR	1.246575	1.1	-0.010448
ZATR	0.057534	0.95	0.054262
ZATR	1.246575	0.95	0.01347
ZATR	0.747945	0.975	0.008243
ZATR	2	0.975	0.005099
ZATR	0.249315	0.7	0.157594
ZATR	1.49589	0.7	0.087651
ZATR	1	0.9	0.03216
ZATR	2	1	0
ZATR	0.49589	1.05	-0.011541
ZATR	1.49589	0.95	0.012209
ZATR	1.49589	1.3	-0.00982
ZATR	2	1.025	-0.002256
ZATR	0.49589	1.1	-0.016314
ZATR	2	0.7	0.08167
ZATR	2	0.9	0.023579
ZATR	2	1.05	-0.004179
ZATR	0.49589	1.3	-0.001407
ZATR	2	0.95	0.010665
ZATR	2	1.3	-0.010513
ZATR	0.00274	1	0
ZATR	0.747945	0.7	0.112841
ZATR	2	1.1	-0.007721
ZATR	3	0.9	0.021214
ZATR	0.00274	1.025	0.016749
ZATR	1	1.025	-0.00385
ZATR	3	0.7	0.076501

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ZATR	3	1.05	-0.003759
ZATR	0.00274	1.05	0.0176
ZATR	1	1.05	-0.007181
ZATR	3	1.1	-0.006782
ZATR	3	1.3	-0.011008
ZATR	0.00274	1.1	0.0176
ZATR	1	1.1	-0.012184
ZATR	0.00274	0.9	0.1343
ZATR	0.00274	0.7	0.1343
ZATR	0.038356	0.975	0.032752
ZATR	1	1.3	-0.005845
ZATR	0.00274	0.975	0.074354
ZATR	0.00274	0.95	0.1343
ZATR	0.038356	1	0
ZATR	0.249315	0.9	0.059471
ZATR	0.00274	1.3	0.0176
ZATR	0.019178	0.7	0.1371
ZATR	0.038356	1.025	-0.0133
ZATR	0.249315	0.95	0.030344
ZATR	0.019178	0.9	0.1371
ZATR	0.019178	0.95	0.081384
ZATR	0.038356	1.05	-0.007709
ZATR	0.249315	0.975	0.014688
ZATR	0.019178	0.975	0.042909
ZATR	0.038356	0.7	0.1412
ZATR	0.084932	0.95	0.047806
ZATR	0.328767	1.1	-0.019012
ZATR	0.019178	1.3	0.0136
ZATR	0.038356	0.95	0.061847
ZATR	0.084932	0.975	0.024206
ZATR	0.328767	1.3	-0.0012
ZATR	0.038356	0.9	0.116243
ZATR	0.038356	1.1	0.0049
ZATR	0.084932	1	0
ZATR	0.419178	0.7	0.139358
ZATR	0.038356	1.3	0.0049
ZATR	0.057534	0.7	0.1446
ZATR	0.084932	1.025	-0.015029
ZATR	0.419178	0.95	0.023223
ZATR	0.057534	0.9	0.100534
ZATR	0.057534	1.1	-0.0021

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ZATR	0.161644	0.7	0.1557
ZATR	0.419178	0.9	0.04792
ZATR	0.057534	1.05	-0.014287
ZATR	0.084932	0.7	0.1489
ZATR	0.161644	0.9	0.068078
ZATR	1.49589	1	0
ZATR	0.057534	1.3	-0.0021
ZATR	0.084932	1.1	-0.010089
ZATR	0.161644	0.95	0.035593
ZATR	1.49589	1.025	-0.002795
ZATR	0.084932	0.9	0.088287
ZATR	0.115068	0.7	0.1512
ZATR	0.161644	0.975	0.017322
ZATR	1.49589	1.05	-0.005213
ZATR	0.084932	1.05	-0.019192
ZATR	0.115068	1.025	-0.013568
ZATR	0.161644	1	0
ZATR	1.49589	1.1	-0.009368
ZATR	0.084932	1.3	-0.0083
ZATR	0.115068	1.1	-0.016017
ZATR	0.249315	1.3	-0.0106
ZATR	3	0.95	0.009474
ZATR	0.115068	1.05	-0.018948
ZATR	0.161644	1.025	-0.011762
ZATR	0.328767	0.7	0.147412
ZATR	3	0.975	0.004613
ZATR	0.115068	1.3	-0.0096
ZATR	0.161644	1.1	-0.020367
ZATR	0.328767	0.9	0.052409
ZATR	3	1	0
ZATR	0.161644	1.05	-0.017902
ZATR	0.249315	1.025	-0.010238
ZATR	0.328767	0.95	0.025905
ZATR	3	1.025	-0.002032
ZATR	0.161644	1.3	-0.0107
ZATR	0.249315	1.1	-0.021567
ZATR	0.419178	1.1	-0.017277
ZATR	0.328767	0.975	0.01252
ZATR	0.249315	1	0
ZATR	0.328767	1.025	-0.008345
ZATR	0.249315	1.05	-0.016865

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ZACA	0.747945	0.9	0.007959
ZACA	0.038356	1.3	0.016
ZACA	0.747945	1	0
ZACA	0.00274	1	0
ZACA	0.747945	0.95	0.002611
ZACA	0.060274	0.7	0.0278
ZACA	1.49589	1	0
ZACA	0.00274	1.05	0.0169
ZACA	0.747945	0.975	0.000702
ZACA	0.084932	1	0
ZACA	2	0.95	0.000785
ZACA	0.249315	1.1	0.009418
ZACA	1	1.1	0.004395
ZACA	0.084932	1.025	0.001193
ZACA	2	1	0
ZACA	0.328767	0.7	0.0314
ZACA	1	1.3	0.020899
ZACA	0.084932	1.05	0.005089
ZACA	3	0.95	0.0004
ZACA	0.328767	1.1	0.008252
ZACA	1.246575	0.7	0.03576
ZACA	0.084932	1.1	0.0166
ZACA	3	1	0
ZACA	0.419178	0.7	0.0344
ZACA	1.246575	0.9	0.005699
ZACA	0.161644	0.975	0.002815
ZACA	0.038356	0.9	0.0278
ZACA	0.419178	1.025	0.000556
ZACA	1.246575	0.95	0.001568
ZACA	0.161644	1	0
ZACA	0.038356	0.975	0.007653
ZACA	0.419178	1.1	0.007631
ZACA	1.49589	1.05	0.000864
ZACA	0.161644	1.025	0.00082
ZACA	0.038356	1.025	0.002736
ZACA	0.49589	1.025	0.000641
ZACA	1.49589	1.1	0.003175
ZACA	0.161644	1.05	0.003547
ZACA	0.060274	0.9	0.0278
ZACA	0.49589	1.1	0.007323
ZACA	1.49589	1.3	0.015562

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ZACA	0.328767	0.95	0.004719
ZACA	0.060274	0.975	0.006035
ZACA	0.747945	1.025	0.000476
ZACA	2	0.7	0.025326
ZACA	0.328767	0.975	0.001478
ZACA	0.084932	0.9	0.0281
ZACA	0.747945	1.1	0.005451
ZACA	3	1.025	0.000238
ZACA	0.328767	1	0
ZACA	0.084932	0.975	0.004691
ZACA	1	0.975	0.000535
ZACA	3	1.05	0.0007
ZACA	0.328767	1.025	0.000691
ZACA	0.084932	1.3	0.0166
ZACA	1	1.025	0.00031
ZACA	3	1.1	0.001969
ZACA	0.49589	0.7	0.0372
ZACA	0.115068	0.9	0.027667
ZACA	0.019178	0.95	0.0277
ZACA	3	1.3	0.010737
ZACA	0.49589	0.9	0.010353
ZACA	0.115068	0.975	0.003844
ZACA	0.019178	1	0
ZACA	0.00274	0.7	0.029
ZACA	0.49589	0.95	0.003859
ZACA	0.115068	1.3	0.0176
ZACA	0.038356	0.95	0.021364
ZACA	0.00274	0.9	0.029
ZACA	0.49589	0.975	0.0011
ZACA	0.161644	0.9	0.021088
ZACA	0.038356	1	0
ZACA	0.00274	0.95	0.029
ZACA	0.49589	1	0
ZACA	0.161644	1.3	0.0199
ZACA	0.060274	0.95	0.015477
ZACA	0.019178	1.05	0.0163
ZACA	0.747945	1.3	0.026789
ZACA	0.249315	0.9	0.015066
ZACA	0.060274	1	0
ZACA	0.419178	0.95	0.004108
ZACA	1	0.7	0.041019

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ZACA	0.249315	1.05	0.003242
ZACA	0.084932	0.7	0.0281
ZACA	0.419178	0.975	0.001188
ZACA	0.00274	1.1	0.0169
ZACA	0.249315	1.3	0.0238
ZACA	0.084932	0.95	0.01143
ZACA	0.419178	1	0
ZACA	0.00274	1.3	0.0169
ZACA	0.328767	0.9	0.012472
ZACA	0.115068	0.7	0.0281
ZACA	0.747945	0.7	0.0408
ZACA	0.019178	0.7	0.0277
ZACA	0.328767	1.05	0.002969
ZACA	0.115068	0.95	0.009366
ZACA	0.249315	0.975	0.001883
ZACA	0.019178	0.9	0.0277
ZACA	0.328767	1.3	0.0277
ZACA	0.161644	0.7	0.0283
ZACA	0.249315	1	0
ZACA	0.038356	1.05	0.011903
ZACA	0.00274	0.975	0.029
ZACA	0.161644	0.95	0.007335
ZACA	0.249315	1.025	0.000804
ZACA	0.038356	1.1	0.016
ZACA	0.00274	1.025	0.0169
ZACA	0.161644	1.1	0.012105
ZACA	0.419178	0.9	0.011067
ZACA	1	0.9	0.006622
ZACA	0.019178	0.975	0.011765
ZACA	0.249315	0.7	0.0288
ZACA	0.019178	1.1	0.0163
ZACA	1	0.95	0.002014
ZACA	0.019178	1.025	0.005508
ZACA	1.246575	0.975	0.000385
ZACA	0.019178	1.3	0.0163
ZACA	1.246575	1.1	0.003729
ZACA	0.419178	1.05	0.002618
ZACA	1.246575	1.025	0.000332
ZACA	0.038356	0.7	0.0278
ZACA	1.246575	1.3	0.017826
ZACA	0.419178	1.3	0.0317

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ZACA	1.49589	0.975	0.00024
ZACA	0.060274	1.025	0.001768
ZACA	1.49589	0.7	0.031387
ZACA	0.49589	1.05	0.002439
ZACA	1.49589	1.025	0.000188
ZACA	0.060274	1.05	0.007537
ZACA	1.49589	0.9	0.004839
ZACA	0.49589	1.3	0.0356
ZACA	2	0.9	0.003755
ZACA	0.060274	1.1	0.0159
ZACA	2	1.025	0.000201
ZACA	0.747945	1.05	0.001593
ZACA	2	0.975	0.000084
ZACA	0.060274	1.3	0.0159
ZACA	2	1.05	0.000787
ZACA	1	1	0
ZACA	3	0.9	0.002584
ZACA	0.115068	1	0
ZACA	2	1.1	0.002571
ZACA	1	1.05	0.001252
ZACA	3	0.975	-0.000032
ZACA	0.115068	1.025	0.000952
ZACA	2	1.3	0.013049
ZACA	1.246575	1	0
ZACA	3	0.7	0.019822
ZACA	0.115068	1.05	0.004173
ZACA	1.246575	1.05	0.001068
ZACA	0.115068	1.1	0.015851
ZACA	1.49589	0.95	0.001203
ZACA	0.249315	0.95	0.005563
ZAUS	0.306849	1.025	0.003732
ZAUS	2	1.025	0.001183
ZAUS	0.306849	1.3	0.05382
ZAUS	2	0.95	-0.002932
ZAUS	0.306849	1.1	0.017618
ZAUS	2	1.1	0.005688
ZAUS	0.328767	0.7	0.0023
ZAUS	2	0.975	-0.001697
ZAUS	0.328767	0.975	-0.002916
ZAUS	3	0.975	-0.001844
ZAUS	0.328767	0.9	-0.003574

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ZAUS	3	1.1	0.004927
ZAUS	0.328767	1.025	0.003548
ZAUS	3	1.025	0.001077
ZAUS	0.328767	0.95	-0.004025
ZAUS	3	1.3	0.016913
ZAUS	0.383562	0.975	-0.002763
ZAUS	0.115068	1.3	0.045
ZAUS	0.383562	1.1	0.015862
ZAUS	0.00274	1.1	0.0384
ZAUS	0.383562	1.025	0.003279
ZAUS	0.142466	0.9	0.000682
ZAUS	0.383562	1.3	0.052666
ZAUS	0.00274	1.3	0.0384
ZAUS	0.419178	0.975	-0.002664
ZAUS	0.142466	1.05	0.011903
ZAUS	0.419178	0.7	0.0044
ZAUS	0.019178	0.7	0.011
ZAUS	0.419178	1.025	0.003104
ZAUS	0.142466	1.3	0.046352
ZAUS	0.419178	0.9	-0.003565
ZAUS	0.019178	0.9	0.011
ZAUS	0.49589	0.9	-0.003146
ZAUS	0.161644	0.9	0.00025
ZAUS	0.49589	1.05	0.006441
ZAUS	0.019178	0.95	0.011
ZAUS	0.49589	0.975	-0.002372
ZAUS	0.161644	1.05	0.011013
ZAUS	0.49589	1.1	0.014172
ZAUS	0.038356	1.05	0.023222
ZAUS	0.49589	1.025	0.002879
ZAUS	0.161644	1.3	0.0473
ZAUS	0.49589	1.3	0.047575
ZAUS	0.038356	1.1	0.0428
ZAUS	0.641096	0.9	-0.003621
ZAUS	0.221918	1.05	0.009796
ZAUS	0.641096	0.7	0.005244
ZAUS	0.038356	1.3	0.0428
ZAUS	0.641096	0.975	-0.002256
ZAUS	0.221918	1.3	0.049293
ZAUS	0.747945	1	0
ZAUS	0.057534	0.7	0.0031

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ZAUS	0.747945	0.9	-0.003971
ZAUS	0.249315	1.05	0.009243
ZAUS	0.747945	1.025	0.002181
ZAUS	0.065753	1.025	0.008156
ZAUS	0.747945	0.975	-0.00217
ZAUS	0.249315	1.3	0.0502
ZAUS	0.747945	1.05	0.004724
ZAUS	0.065753	1.05	0.017567
ZAUS	0.747945	1.3	0.036526
ZAUS	0.00274	0.975	0.0168
ZAUS	0.747945	1.1	0.01062
ZAUS	0.065753	1.1	0.040517
ZAUS	0.882192	0.9	-0.00394
ZAUS	0.00274	1.025	0.033252
ZAUS	1	0.975	-0.001952
ZAUS	0.065753	1.3	0.04354
ZAUS	0.882192	0.975	-0.002054
ZAUS	0.019178	0.975	0.000418
ZAUS	1	1	0
ZAUS	0.09589	1.025	0.006749
ZAUS	0.882192	1.3	0.033352
ZAUS	0.019178	1.025	0.014026
ZAUS	1	1.025	0.001826
ZAUS	0.09589	1.05	0.014365
ZAUS	1	0.9	-0.003913
ZAUS	0.038356	0.975	-0.003007
ZAUS	1	1.05	0.003855
ZAUS	0.09589	1.1	0.031891
ZAUS	1	1.3	0.030568
ZAUS	0.038356	1.025	0.010302
ZAUS	1.246575	0.95	-0.003057
ZAUS	0.142466	0.95	-0.004048
ZAUS	1.139726	0.9	-0.003762
ZAUS	0.057534	0.9	0.0031
ZAUS	1.246575	0.975	-0.001857
ZAUS	0.142466	0.975	-0.003457
ZAUS	0.00274	1	0
ZAUS	0.057534	0.975	-0.0038
ZAUS	1.246575	1	0
ZAUS	0.142466	1	0
ZAUS	0.00274	1.05	0.0384

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ZAUS	0.057534	1.025	0.008613
ZAUS	1.246575	1.025	0.001592
ZAUS	0.142466	1.025	0.005514
ZAUS	0.019178	1	0
ZAUS	0.065753	0.9	0.00271
ZAUS	0.115068	1.025	0.00615
ZAUS	0.221918	0.9	-0.002159
ZAUS	0.019178	1.05	0.036677
ZAUS	0.065753	0.975	-0.00373
ZAUS	0.115068	1.05	0.013175
ZAUS	0.221918	0.95	-0.004195
ZAUS	0.038356	0.95	0.003046
ZAUS	0.084932	0.9	0.0018
ZAUS	0.161644	0.95	-0.004077
ZAUS	0.221918	0.975	-0.00313
ZAUS	0.038356	1	0
ZAUS	0.084932	0.975	-0.003567
ZAUS	0.161644	0.975	-0.003312
ZAUS	0.221918	1	0
ZAUS	0.057534	0.95	-0.001531
ZAUS	0.084932	1.3	0.0434
ZAUS	0.161644	1	0
ZAUS	0.306849	0.7	0.001748
ZAUS	0.057534	1	0
ZAUS	0.09589	0.9	0.001618
ZAUS	0.161644	1.025	0.00507
ZAUS	0.306849	0.9	-0.003486
ZAUS	0.065753	0.95	-0.002018
ZAUS	0.09589	0.975	-0.003602
ZAUS	0.249315	0.7	0.0003
ZAUS	0.306849	0.95	-0.004087
ZAUS	0.065753	1	0
ZAUS	0.09589	1.3	0.043981
ZAUS	0.249315	0.9	-0.003255
ZAUS	0.09589	1	0
ZAUS	0.084932	0.7	0.0018
ZAUS	0.115068	0.9	0.0013
ZAUS	0.249315	0.95	-0.004249
ZAUS	0.419178	1.05	0.006852
ZAUS	0.084932	0.95	-0.003154
ZAUS	0.882192	0.7	0.004206

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ZAUS	0.249315	0.975	-0.003047
ZAUS	0.419178	1.1	0.0152
ZAUS	0.09589	0.7	0.001618
ZAUS	0.882192	0.95	-0.003249
ZAUS	0.249315	1	0
ZAUS	0.419178	1.3	0.051019
ZAUS	0.09589	0.95	-0.003464
ZAUS	1	0.7	0.0043
ZAUS	0.00274	0.7	0.0168
ZAUS	0.49589	0.7	0.0068
ZAUS	0.115068	0.7	0.0013
ZAUS	1	0.95	-0.003133
ZAUS	0.00274	0.9	0.0168
ZAUS	0.641096	1.025	0.002477
ZAUS	0.115068	0.95	-0.004006
ZAUS	1	1.1	0.008697
ZAUS	0.00274	0.95	0.0168
ZAUS	0.641096	1.05	0.005452
ZAUS	0.115068	1.1	0.028882
ZAUS	1.139726	0.7	0.00447
ZAUS	0.019178	1.1	0.0427
ZAUS	0.641096	1.1	0.012126
ZAUS	0.142466	0.7	0.001711
ZAUS	1.139726	1.1	0.008149
ZAUS	0.019178	1.3	0.0427
ZAUS	0.641096	1.3	0.04121
ZAUS	0.142466	1.1	0.025811
ZAUS	0.49589	0.95	-0.003408
ZAUS	0.038356	0.7	0.0055
ZAUS	0.882192	1	0
ZAUS	0.161644	0.7	0.002
ZAUS	0.49589	1	0
ZAUS	0.038356	0.9	0.0055
ZAUS	0.882192	1.025	0.001992
ZAUS	0.161644	1.1	0.023661
ZAUS	0.641096	0.95	-0.003393
ZAUS	0.057534	1.05	0.018648
ZAUS	0.882192	1.05	0.004261
ZAUS	0.221918	0.7	0.000831
ZAUS	0.641096	1	0
ZAUS	0.057534	1.1	0.043476

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ZAUS	0.882192	1.1	0.009596
ZAUS	0.221918	1.025	0.004482
ZAUS	0.747945	0.7	0.0041
ZAUS	0.057534	1.3	0.0436
ZAUS	1.139726	0.95	-0.00309
ZAUS	0.221918	1.1	0.020836
ZAUS	0.747945	0.95	-0.003382
ZAUS	0.065753	0.7	0.00271
ZAUS	1.139726	0.975	-0.001898
ZAUS	0.249315	1.025	0.004215
ZAUS	1.246575	0.7	0.0046
ZAUS	0.084932	1	0
ZAUS	1.139726	1	0
ZAUS	0.249315	1.1	0.019551
ZAUS	1.246575	1.1	0.007731
ZAUS	0.084932	1.025	0.007091
ZAUS	1.139726	1.025	0.001694
ZAUS	1.139726	1.05	0.003636
ZAUS	1.380822	0.7	0.00306
ZAUS	0.084932	1.05	0.015044
ZAUS	1.380822	0.9	-0.003725
ZAUS	1.139726	1.3	0.028782
ZAUS	1.380822	1.025	0.001487
ZAUS	0.084932	1.1	0.03361
ZAUS	1.380822	0.95	-0.003037
ZAUS	1.246575	0.9	-0.003647
ZAUS	1.380822	1.1	0.007288
ZAUS	0.115068	0.975	-0.003663
ZAUS	1.380822	0.975	-0.001825
ZAUS	1.246575	1.05	0.003469
ZAUS	1.49589	1.025	0.001396
ZAUS	0.115068	1	0
ZAUS	1.380822	1	0
ZAUS	1.246575	1.3	0.027416
ZAUS	1.49589	1.1	0.006909
ZAUS	1.49589	0.7	0.001741
ZAUS	2	0.7	-0.002097
ZAUS	1.380822	1.05	0.003258
ZAUS	0.306849	1	0
ZAUS	1.49589	0.9	-0.003793
ZAUS	2	0.9	-0.003848

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ZAUS	1.380822	1.3	0.025669
ZAUS	0.306849	1.05	0.008189
ZAUS	1.49589	0.95	-0.003019
ZAUS	0.306849	0.975	-0.002952
ZAUS	1.49589	1.05	0.003077
ZAUS	0.328767	1	0
ZAUS	1.49589	0.975	-0.001799
ZAUS	0.328767	1.1	0.016881
ZAUS	1.49589	1.3	0.024171
ZAUS	0.328767	1.05	0.007787
ZAUS	1.49589	1	0
ZAUS	0.328767	1.3	0.0552
ZAUS	2	1	0
ZAUS	0.383562	1	0
ZAUS	2	1.3	0.020009
ZAUS	0.383562	0.7	0.003572
ZAUS	2	1.05	0.002575
ZAUS	0.383562	1.05	0.007221
ZAUS	3	0.7	-0.007346
ZAUS	0.383562	0.9	-0.003569
ZAUS	3	1	0
ZAUS	0.419178	0.95	-0.003767
ZAUS	3	0.9	-0.00474
ZAUS	0.383562	0.95	-0.003869
ZAUS	3	1.05	0.002304
ZAUS	0.419178	1	0
ZAUS	3	0.95	-0.00327
ZAJY	1	0.975	-0.001923
ZAJY	0.057534	1.025	0.00968
ZAJY	3	1.025	0.000829
ZAJY	0.057534	1.3	0.0627
ZAJY	1	1	0
ZAJY	0.057534	1.1	0.05062
ZAJY	3	1.1	0.003973
ZAJY	0.084932	0.7	0.0058
ZAJY	1	1.025	0.001726
ZAJY	0.084932	0.975	-0.005429
ZAJY	0.252055	0.95	-0.006023
ZAJY	0.084932	0.9	0.0058
ZAJY	1	1.05	0.003753
ZAJY	0.084932	1.025	0.008277

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ZAJY	0.252055	1	0
ZAJY	0.084932	0.95	-0.005024
ZAJY	1.49589	0.9	-0.00292
ZAJY	0.115068	0.975	-0.004996
ZAJY	0.328767	0.95	-0.005506
ZAJY	0.115068	1.1	0.034862
ZAJY	1.49589	0.95	-0.002731
ZAJY	0.115068	1.025	0.007259
ZAJY	0.328767	1	0
ZAJY	0.115068	1.3	0.068
ZAJY	1.49589	0.975	-0.001627
ZAJY	0.161644	0.975	-0.00461
ZAJY	0.419178	0.7	0.021
ZAJY	0.161644	0.7	0.007
ZAJY	1.49589	1	0
ZAJY	0.161644	1.025	0.005851
ZAJY	0.419178	0.95	-0.004876
ZAJY	0.161644	0.9	0.000407
ZAJY	3	0.7	0.033004
ZAJY	0.00274	0.7	0.0126
ZAJY	0.49589	0.7	0.025
ZAJY	0.00274	0.95	0.0126
ZAJY	3	0.9	-0.003179
ZAJY	0.00274	1.1	0.0573
ZAJY	0.49589	0.95	-0.004406
ZAJY	0.00274	0.975	0.0126
ZAJY	3	0.95	-0.002496
ZAJY	0.019178	0.7	0.0102
ZAJY	0.747945	0.7	0.038248
ZAJY	0.00274	1	0
ZAJY	3	0.975	-0.001517
ZAJY	0.019178	1.025	0.016698
ZAJY	0.747945	0.95	-0.003614
ZAJY	0.00274	1.025	0.040084
ZAJY	0.161644	1.1	0.027397
ZAJY	0.019178	1.1	0.0569
ZAJY	0.747945	1.1	0.01079
ZAJY	0.041096	0.7	0.0088
ZAJY	0.161644	1.3	0.0698
ZAJY	0.041096	1.025	0.011429
ZAJY	1	0.7	0.043021

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ZAJY	0.041096	0.9	0.0088
ZAJY	0.252055	0.7	0.0122
ZAJY	0.041096	1.1	0.0598
ZAJY	1	1.1	0.008351
ZAJY	0.041096	0.95	0.002555
ZAJY	0.328767	1.025	0.003985
ZAJY	3	1	0
ZAJY	1.246575	0.7	0.044573
ZAJY	0.041096	0.975	-0.004151
ZAJY	0.328767	1.05	0.008533
ZAJY	3	1.05	0.001799
ZAJY	1.246575	1.1	0.007271
ZAJY	0.041096	1	0
ZAJY	0.328767	1.1	0.018839
ZAJY	0.252055	0.9	-0.002057
ZAJY	0.057534	1.05	0.021365
ZAJY	0.252055	1.05	0.01048
ZAJY	0.328767	1.3	0.067139
ZAJY	0.252055	0.975	-0.004184
ZAJY	0.084932	1	0
ZAJY	0.252055	1.1	0.022732
ZAJY	0.49589	1	0
ZAJY	0.252055	1.025	0.004912
ZAJY	0.084932	1.05	0.017888
ZAJY	0.252055	1.3	0.080185
ZAJY	0.49589	1.025	0.003097
ZAJY	0.328767	0.9	-0.002873
ZAJY	0.115068	1	0
ZAJY	0.328767	0.7	0.0168
ZAJY	0.49589	1.05	0.00668
ZAJY	0.328767	0.975	-0.003696
ZAJY	0.115068	1.05	0.015697
ZAJY	0.419178	1	0
ZAJY	0.49589	1.1	0.014859
ZAJY	0.419178	0.9	-0.003105
ZAJY	0.161644	0.95	-0.006
ZAJY	0.419178	1.025	0.003482
ZAJY	1	0.95	-0.003159
ZAJY	0.419178	0.975	-0.003167
ZAJY	0.161644	1	0
ZAJY	0.419178	1.05	0.007443

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ZAJY	0.019178	0.9	0.0102
ZAJY	0.419178	1.3	0.058376
ZAJY	0.00274	0.9	0.0126
ZAJY	0.419178	1.1	0.016263
ZAJY	0.019178	0.95	0.0102
ZAJY	0.49589	0.9	-0.002863
ZAJY	0.00274	1.05	0.0573
ZAJY	0.747945	0.975	-0.002281
ZAJY	0.019178	0.975	-0.002004
ZAJY	0.49589	0.975	-0.00291
ZAJY	0.00274	1.3	0.0573
ZAJY	0.747945	1	0
ZAJY	0.019178	1	0
ZAJY	0.49589	1.3	0.053285
ZAJY	0.019178	1.05	0.040841
ZAJY	0.747945	1.025	0.002227
ZAJY	0.057534	0.7	0.0074
ZAJY	0.747945	0.9	-0.002859
ZAJY	0.019178	1.3	0.0569
ZAJY	0.747945	1.05	0.004874
ZAJY	0.057534	0.9	0.0074
ZAJY	0.747945	1.3	0.040687
ZAJY	0.041096	1.05	0.026254
ZAJY	1.246575	0.95	-0.002974
ZAJY	0.057534	0.95	-0.00207
ZAJY	1	0.9	-0.00245
ZAJY	0.041096	1.3	0.0598
ZAJY	1.246575	0.975	-0.001828
ZAJY	0.057534	0.975	-0.004874
ZAJY	1	1.3	0.035166
ZAJY	0.057534	1	0
ZAJY	1.246575	1	0
ZAJY	0.084932	1.1	0.040542
ZAJY	1.246575	0.9	-0.002569
ZAJY	1.49589	0.7	0.045458
ZAJY	1.246575	1.025	0.001393
ZAJY	0.084932	1.3	0.0671
ZAJY	1.246575	1.05	0.00325
ZAJY	1.49589	1.025	0.00126
ZAJY	2	0.7	0.045938
ZAJY	0.115068	0.7	0.0062

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ZAJY	1.246575	1.3	0.031938
ZAJY	1.49589	1.1	0.006291
ZAJY	3	1.3	0.016159
ZAJY	0.115068	0.9	0.004684
ZAJY	1.49589	1.05	0.002772
ZAJY	2	1.025	0.001035
ZAJY	2	0.9	-0.00264
ZAJY	0.115068	0.95	-0.005567
ZAJY	1.49589	1.3	0.028385
ZAJY	2	1.1	0.004949
ZAJY	2	0.95	-0.002395
ZAJY	0.161644	1.05	0.01264
ZAJY	2	1.05	0.002236
ZAJY	2	0.975	-0.001475
ZAJY	2	1.3	0.023211
ZAJY	2	1	0
ZAHK	0.016438	0.7	0.0118
ZAHK	0.016438	0.9	0.0118
ZAHK	0.019178	1	0
ZAHK	0.084932	1	0
ZAHK	0.016438	0.95	0.0118
ZAHK	0.016438	0.975	0.0118
ZAHK	0.019178	1.025	0.012048
ZAHK	0.084932	1.025	0.006448
ZAHK	0.019178	0.7	0.0114
ZAHK	0.016438	1.3	0.0328
ZAHK	0.019178	1.05	0.031085
ZAHK	0.169863	0.7	0.0109
ZAHK	0.019178	0.95	0.0114
ZAHK	0.019178	0.9	0.0114
ZAHK	0.019178	1.1	0.0328
ZAHK	0.169863	0.9	0.006057
ZAHK	0.038356	0.7	0.0118
ZAHK	0.019178	0.975	0.001912
ZAHK	0.057534	0.95	0.00368
ZAHK	0.169863	0.95	-0.001981
ZAHK	0.038356	0.95	0.007832
ZAHK	0.019178	1.3	0.0328
ZAHK	0.057534	0.975	-0.001332
ZAHK	0.169863	0.975	-0.002596
ZAHK	0.038356	1.1	0.0352

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ZAHK	0.038356	0.9	0.0118
ZAHK	0.057534	1	0
ZAHK	0.169863	1	0
ZAHK	0.057534	0.7	0.0116
ZAHK	0.038356	1.3	0.0352
ZAHK	0.057534	1.025	0.007487
ZAHK	0.252055	1.3	0.0645
ZAHK	0.057534	1.1	0.037
ZAHK	0.057534	0.9	0.0116
ZAHK	0.057534	1.05	0.015855
ZAHK	0.334247	0.7	0.012
ZAHK	0.084932	0.7	0.0115
ZAHK	0.057534	1.3	0.037
ZAHK	0.115068	0.9	0.011384
ZAHK	0.334247	0.9	-0.000473
ZAHK	0.084932	1.1	0.031574
ZAHK	0.084932	0.9	0.0115
ZAHK	0.115068	0.95	-0.000453
ZAHK	0.334247	0.95	-0.003617
ZAHK	0.115068	0.7	0.0114
ZAHK	0.084932	1.05	0.013333
ZAHK	0.115068	0.975	-0.002372
ZAHK	0.419178	1.1	0.017685
ZAHK	0.115068	1.025	0.005622
ZAHK	0.084932	1.3	0.0404
ZAHK	0.115068	1	0
ZAHK	0.419178	1.3	0.055307
ZAHK	0.115068	1.1	0.027413
ZAHK	0.115068	1.05	0.012055
ZAHK	0.252055	0.7	0.0099
ZAHK	0.50411	0.7	0.0167
ZAHK	0.169863	1.025	0.004926
ZAHK	0.115068	1.3	0.0439
ZAHK	0.252055	0.9	0.000724
ZAHK	0.50411	0.9	-0.0017
ZAHK	0.169863	1.1	0.023701
ZAHK	0.169863	1.05	0.010925
ZAHK	0.252055	0.95	-0.003355
ZAHK	0.756164	1.05	0.006725
ZAHK	0.252055	1.025	0.004338
ZAHK	0.169863	1.3	0.0519

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ZAHK	0.252055	0.975	-0.002935
ZAHK	0.756164	1.1	0.014527
ZAHK	0.252055	1.1	0.021679
ZAHK	0.252055	1	0
ZAHK	0.334247	1.1	0.019016
ZAHK	0.756164	1.3	0.037461
ZAHK	0.334247	0.975	-0.002935
ZAHK	0.252055	1.05	0.00993
ZAHK	0.334247	1.3	0.063431
ZAHK	1.005479	0.7	0.027999
ZAHK	0.334247	1.025	0.004108
ZAHK	0.334247	1	0
ZAHK	0.419178	0.7	0.0141
ZAHK	1.252055	1	0
ZAHK	0.419178	0.975	-0.003063
ZAHK	0.334247	1.05	0.00907
ZAHK	0.419178	0.9	-0.001196
ZAHK	1.252055	1.025	0.00247
ZAHK	0.419178	1.025	0.003871
ZAHK	0.419178	1	0
ZAHK	0.419178	0.95	-0.004093
ZAHK	1.252055	1.05	0.005226
ZAHK	0.50411	0.975	-0.003265
ZAHK	0.419178	1.05	0.008505
ZAHK	0.50411	1.05	0.008171
ZAHK	1.252055	1.1	0.011302
ZAHK	0.50411	1.025	0.003693
ZAHK	0.50411	0.95	-0.004573
ZAHK	0.50411	1.1	0.016904
ZAHK	2.00274	0.975	-0.002929
ZAHK	0.756164	0.9	-0.003631
ZAHK	0.50411	1	0
ZAHK	0.50411	1.3	0.048551
ZAHK	2.00274	1	0
ZAHK	0.756164	0.975	-0.0032
ZAHK	0.756164	0.95	-0.00507
ZAHK	0.756164	0.7	0.0235
ZAHK	2.00274	1.025	0.002007
ZAHK	0.756164	1.025	0.003166
ZAHK	0.756164	1	0
ZAHK	1.005479	1.025	0.002902

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ZAHK	2.00274	1.05	0.004236
ZAHK	1.005479	0.9	-0.005187
ZAHK	1.005479	0.95	-0.005358
ZAHK	1.005479	1.05	0.006012
ZAHK	0.016438	1	0
ZAHK	1.005479	0.975	-0.003214
ZAHK	1.005479	1	0
ZAHK	1.005479	1.1	0.012841
ZAHK	0.016438	1.025	0.029588
ZAHK	1.252055	0.9	-0.006152
ZAHK	1.252055	0.7	0.021983
ZAHK	1.005479	1.3	0.03198
ZAHK	0.016438	1.05	0.0328
ZAHK	1.252055	0.975	-0.003166
ZAHK	1.252055	0.95	-0.005349
ZAHK	1.50411	1	0
ZAHK	0.016438	1.1	0.0328
ZAHK	1.252055	1.3	0.028808
ZAHK	1.50411	0.7	0.017344
ZAHK	1.50411	1.025	0.002312
ZAHK	0.038356	0.975	-0.000428
ZAHK	1.50411	0.9	-0.006807
ZAHK	1.50411	0.95	-0.005289
ZAHK	1.50411	1.05	0.004802
ZAHK	0.038356	1	0
ZAHK	1.50411	0.975	-0.003008
ZAHK	2.00274	0.7	0.010765
ZAHK	1.50411	1.1	0.010283
ZAHK	0.038356	1.025	0.008785
ZAHK	1.50411	1.3	0.026982
ZAHK	2.00274	0.95	-0.005212
ZAHK	3.008219	0.95	-0.005463
ZAHK	0.038356	1.05	0.019835
ZAHK	2.00274	0.9	-0.007809
ZAHK	2.00274	1.1	0.00887
ZAHK	3.008219	0.975	-0.00303
ZAHK	0.084932	0.95	0.000911
ZAHK	2.00274	1.3	0.024768
ZAHK	3.008219	0.7	0.003642
ZAHK	3.008219	1	0
ZAHK	0.084932	0.975	-0.002105

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ZAHK	3.008219	0.9	-0.008531
ZAHK	3.008219	1.1	0.007229
ZAHK	3.008219	1.025	0.001652
ZAHK	3.008219	1.3	0.022263
ZAHK	3.008219	1.05	0.003436
ZAGB	0.019178	0.7	0.0117
ZAGB	1	1	0
ZAGB	0.882192	1.1	0.004056
ZAGB	0.641096	0.9	0.00936
ZAGB	0.019178	0.9	0.0117
ZAGB	1	1.05	0.000749
ZAGB	1	0.975	0.000822
ZAGB	0.641096	0.95	0.003383
ZAGB	0.019178	0.95	0.0117
ZAGB	1.246575	1	0
ZAGB	1	1.025	0.000128
ZAGB	0.641096	0.975	0.001059
ZAGB	0.019178	0.975	0.005356
ZAGB	1.246575	1.05	0.000574
ZAGB	1	1.1	0.003488
ZAGB	0.641096	1	0
ZAGB	0.019178	1	0
ZAGB	1.49589	0.95	0.001746
ZAGB	1.246575	0.975	0.000719
ZAGB	0.882192	0.7	0.042246
ZAGB	0.038356	1.3	0.0286
ZAGB	1.49589	1	0
ZAGB	1.246575	1.025	0.000076
ZAGB	0.882192	0.9	0.008021
ZAGB	0.057534	0.7	0.0137
ZAGB	0.49589	1.05	0.00228
ZAGB	1.49589	0.975	0.000546
ZAGB	0.882192	0.95	0.002763
ZAGB	0.057534	0.9	0.0137
ZAGB	0.49589	1.3	0.0332
ZAGB	1.49589	1.025	0.000037
ZAGB	0.882192	0.975	0.000872
ZAGB	0.057534	0.95	0.009249
ZAGB	0.641096	1.05	0.001651
ZAGB	0.49589	1.1	0.007015
ZAGB	1	1.3	0.019459

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ZAGB	0.084932	1.1	0.0253
ZAGB	0.641096	1.3	0.028742
ZAGB	0.641096	0.7	0.039595
ZAGB	1.246575	0.7	0.03721
ZAGB	0.084932	1.3	0.0253
ZAGB	0.747945	1.05	0.001188
ZAGB	0.641096	1.025	0.000359
ZAGB	1.246575	0.9	0.006603
ZAGB	0.115068	0.7	0.0171
ZAGB	0.747945	1.3	0.025461
ZAGB	0.641096	1.1	0.005683
ZAGB	1.246575	0.95	0.00216
ZAGB	0.115068	0.9	0.0171
ZAGB	0.882192	1	0
ZAGB	0.747945	1.025	0.000214
ZAGB	1.49589	1.05	0.000386
ZAGB	0.142466	1.05	0.00666
ZAGB	0.882192	1.05	0.000954
ZAGB	0.747945	1.1	0.004703
ZAGB	1.49589	1.1	0.002084
ZAGB	0.142466	1.1	0.018756
ZAGB	2	0.95	0.001424
ZAGB	0.882192	1.025	0.000168
ZAGB	1.49589	1.3	0.013605
ZAGB	0.142466	1.3	0.024823
ZAGB	2	1	0
ZAGB	2	0.9	0.004829
ZAGB	0.161644	1.025	0.002078
ZAGB	0.161644	0.7	0.0197
ZAGB	3	0.95	0.00097
ZAGB	2	0.975	0.000459
ZAGB	0.161644	1.05	0.005772
ZAGB	0.249315	1	0
ZAGB	3	1	0
ZAGB	2	1.025	0
ZAGB	0.161644	1.1	0.016117
ZAGB	0.249315	1.025	0.001294
ZAGB	0.00274	0.7	0.0112
ZAGB	3	0.9	0.003606
ZAGB	0.161644	1.3	0.0247
ZAGB	0.249315	1.05	0.004063

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ZAGB	0.00274	1.025	0.0313
ZAGB	3	0.975	0.000262
ZAGB	0.328767	1	0
ZAGB	0.249315	1.1	0.010781
ZAGB	0.00274	1.1	0.0313
ZAGB	0.00274	1.05	0.0313
ZAGB	0.328767	1.025	0.000837
ZAGB	0.383562	0.975	0.001268
ZAGB	0.019178	1.025	0.014059
ZAGB	0.00274	1.3	0.0313
ZAGB	0.328767	1.05	0.003229
ZAGB	0.383562	1	0
ZAGB	0.019178	1.1	0.0296
ZAGB	0.019178	1.05	0.0296
ZAGB	0.328767	1.1	0.008761
ZAGB	0.383562	1.025	0.000691
ZAGB	0.038356	1.025	0.008553
ZAGB	0.019178	1.3	0.0296
ZAGB	0.419178	0.95	0.004048
ZAGB	0.383562	1.05	0.002887
ZAGB	0.038356	1.1	0.0286
ZAGB	0.038356	1	0
ZAGB	0.419178	0.975	0.001236
ZAGB	0.49589	0.95	0.003991
ZAGB	0.057534	0.975	0.001779
ZAGB	0.038356	1.05	0.022042
ZAGB	0.419178	1	0
ZAGB	0.49589	0.975	0.001238
ZAGB	0.057534	1.025	0.006187
ZAGB	0.057534	1	0
ZAGB	0.419178	1.025	0.000596
ZAGB	0.49589	1	0
ZAGB	0.057534	1.1	0.0273
ZAGB	0.057534	1.05	0.015213
ZAGB	0.419178	1.05	0.002665
ZAGB	0.49589	1.025	0.000557
ZAGB	0.084932	0.975	0.001736
ZAGB	0.084932	1	0
ZAGB	0.00274	0.9	0.0112
ZAGB	0.747945	0.7	0.0418
ZAGB	0.084932	1.025	0.004125

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ZAGB	0.084932	1.05	0.009968
ZAGB	0.00274	0.95	0.0112
ZAGB	0.747945	0.9	0.008493
ZAGB	0.115068	0.975	0.001486
ZAGB	0.115068	0.95	0.00547
ZAGB	0.00274	0.975	0.0112
ZAGB	0.747945	0.95	0.002936
ZAGB	0.115068	1.025	0.003246
ZAGB	0.115068	1	0
ZAGB	0.00274	1	0
ZAGB	0.747945	0.975	0.000928
ZAGB	0.142466	0.9	0.016999
ZAGB	0.142466	0.95	0.005041
ZAGB	0.038356	0.7	0.0124
ZAGB	0.747945	1	0
ZAGB	0.142466	0.975	0.001433
ZAGB	0.142466	1	0
ZAGB	0.038356	0.9	0.0124
ZAGB	0.882192	1.3	0.022264
ZAGB	0.142466	1.025	0.002559
ZAGB	0.161644	0.95	0.004741
ZAGB	0.038356	0.95	0.0124
ZAGB	1	0.7	0.042638
ZAGB	0.161644	0.9	0.016929
ZAGB	0.161644	1	0
ZAGB	0.038356	0.975	0.002236
ZAGB	1	0.9	0.007607
ZAGB	0.161644	0.975	0.001397
ZAGB	0.249315	0.7	0.0241
ZAGB	0.057534	1.3	0.0273
ZAGB	1	0.95	0.002612
ZAGB	0.249315	0.9	0.013938
ZAGB	0.249315	0.95	0.004708
ZAGB	0.084932	0.7	0.0161
ZAGB	1.246575	1.1	0.002771
ZAGB	0.249315	0.975	0.001467
ZAGB	0.328767	0.7	0.0282
ZAGB	0.084932	0.9	0.0161
ZAGB	1.246575	1.3	0.01592
ZAGB	0.249315	1.3	0.0247
ZAGB	0.328767	0.95	0.004261

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ZAGB	0.084932	0.95	0.006515
ZAGB	1.49589	0.7	0.032844
ZAGB	0.328767	0.9	0.011697
ZAGB	0.383562	0.7	0.030806
ZAGB	0.115068	1.05	0.007929
ZAGB	1.49589	0.9	0.005871
ZAGB	0.328767	0.975	0.001318
ZAGB	0.383562	0.95	0.004132
ZAGB	0.115068	1.1	0.022527
ZAGB	2	1.05	0.000235
ZAGB	0.328767	1.3	0.0272
ZAGB	0.383562	1.1	0.008028
ZAGB	0.115068	1.3	0.025
ZAGB	2	1.1	0.001528
ZAGB	0.383562	0.9	0.011193
ZAGB	0.419178	0.7	0.0325
ZAGB	0.142466	0.7	0.018629
ZAGB	2	1.3	0.010894
ZAGB	0.383562	1.3	0.028957
ZAGB	0.419178	1.1	0.007552
ZAGB	2	0.7	0.026686
ZAGB	3	0.7	0.021783
ZAGB	0.419178	0.9	0.010866
ZAGB	0.49589	0.7	0.0366
ZAGB	3	1.025	0
ZAGB	0.419178	1.3	0.0301
ZAGB	3	1.05	0.000238
ZAGB	0.49589	0.9	0.010539
ZAGB	3	1.1	0.001177
ZAGB	3	1.3	0.008909
ZAEU	0.747945	1.05	0.004821
ZAEU	3	1.1	0.004327
ZAEU	3	1.05	0.001945
ZAEU	0.882192	1.025	0.002018
ZAEU	0.747945	1.1	0.011038
ZAEU	0.747945	0.95	-0.002282
ZAEU	3	1.3	0.016245
ZAEU	0.882192	1.05	0.004406
ZAEU	0.747945	1.3	0.038092
ZAEU	0.747945	1	0
ZAEU	0.747945	0.975	-0.001777

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ZAEU	0.882192	1.1	0.010063
ZAEU	0.882192	0.7	0.02486
ZAEU	0.882192	0.95	-0.00222
ZAEU	0.747945	1.025	0.002225
ZAEU	0.882192	1.3	0.036696
ZAEU	1	1	0
ZAEU	0.882192	1	0
ZAEU	0.882192	0.9	-0.000674
ZAEU	1.246575	1	0
ZAEU	1	1.025	0.001836
ZAEU	1	0.7	0.0329
ZAEU	0.882192	0.975	-0.001655
ZAEU	1.246575	1.025	0.001608
ZAEU	1	1.05	0.004042
ZAEU	1	0.95	-0.002166
ZAEU	1	0.9	-0.000526
ZAEU	1.246575	1.05	0.003472
ZAEU	1	1.1	0.009207
ZAEU	1.246575	0.7	0.029211
ZAEU	1	0.975	-0.001548
ZAEU	1.246575	1.1	0.008008
ZAEU	1.49589	0.975	-0.001514
ZAEU	1.246575	0.95	-0.002173
ZAEU	1	1.3	0.035471
ZAEU	2	0.95	-0.002284
ZAEU	1.49589	1	0
ZAEU	1.49589	0.7	0.024509
ZAEU	1.246575	0.9	-0.001214
ZAEU	2	0.975	-0.00144
ZAEU	1.49589	1.025	0.00144
ZAEU	1.49589	0.95	-0.002221
ZAEU	1.246575	0.975	-0.001517
ZAEU	2	1	0
ZAEU	1.49589	1.05	0.003089
ZAEU	1.49589	1.1	0.006933
ZAEU	1.246575	1.3	0.030484
ZAEU	2	1.025	0.001102
ZAEU	3	0.95	-0.002017
ZAEU	2	0.7	0.018239
ZAEU	1.49589	0.9	-0.001695
ZAEU	2	1.05	0.002417

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ZAEU	3	0.975	-0.001225
ZAEU	2	1.1	0.005641
ZAEU	1.49589	1.3	0.026316
ZAEU	0.419178	1.3	0.0422
ZAEU	3	1	0
ZAEU	3	0.7	0.012255
ZAEU	2	0.9	-0.002243
ZAEU	0.49589	0.7	0.0014
ZAEU	3	1.025	0.000919
ZAEU	0.419178	1	0
ZAEU	2	1.3	0.021254
ZAEU	0.49589	0.9	-0.002002
ZAEU	0.419178	0.7	0.0023
ZAEU	0.419178	1.05	0.007126
ZAEU	3	0.9	-0.002235
ZAEU	0.49589	0.95	-0.0024
ZAEU	0.419178	0.9	-0.001692
ZAEU	0.49589	1	0
ZAEU	0.419178	0.975	-0.002161
ZAEU	0.641096	1.05	0.005485
ZAEU	0.419178	0.95	-0.002456
ZAEU	0.49589	1.05	0.006388
ZAEU	0.419178	1.025	0.003129
ZAEU	0.641096	1.1	0.012153
ZAEU	0.49589	1.1	0.013668
ZAEU	0.641096	0.95	-0.002332
ZAEU	0.419178	1.1	0.014757
ZAEU	0.641096	1.3	0.039423
ZAEU	0.49589	1.3	0.041233
ZAEU	0.641096	1	0
ZAEU	0.49589	0.975	-0.002045
ZAEU	0.747945	0.7	0.0157
ZAEU	0.641096	0.7	0.009638
ZAEU	0.328767	1.3	0.0417
ZAEU	0.49589	1.025	0.002867
ZAEU	0.383562	0.9	-0.001252
ZAEU	0.641096	0.9	-0.001334
ZAEU	0.383562	1	0
ZAEU	0.641096	0.975	-0.00189
ZAEU	0.383562	0.95	-0.002429
ZAEU	0.383562	1.3	0.042003

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ZAEU	0.383562	1.05	0.007543
ZAEU	0.641096	1.025	0.002497
ZAEU	0.383562	0.975	-0.0022
ZAEU	0.328767	1	0
ZAEU	0.328767	1.05	0.008184
ZAEU	0.747945	0.9	-0.000842
ZAEU	0.383562	0.7	0.002772
ZAEU	0.328767	0.975	-0.00226
ZAEU	0.249315	1.3	0.041
ZAEU	0.383562	1.1	0.015441
ZAEU	0.249315	1	0
ZAEU	0.328767	0.95	-0.002388
ZAEU	0.249315	1.05	0.009474
ZAEU	0.383562	1.025	0.003309
ZAEU	0.249315	0.975	-0.002343
ZAEU	0.328767	0.9	-0.000577
ZAEU	0.161644	1.3	0.0405
ZAEU	0.328767	1.1	0.016494
ZAEU	0.249315	0.95	-0.002231
ZAEU	0.328767	0.7	0.0035
ZAEU	0.161644	1.05	0.011429
ZAEU	0.328767	1.025	0.003585
ZAEU	0.249315	0.9	0.001792
ZAEU	0.161644	1.025	0.005245
ZAEU	0.161644	0.9	0.0061
ZAEU	0.249315	1.1	0.019471
ZAEU	0.142466	1.05	0.012274
ZAEU	0.161644	1	0
ZAEU	0.142466	1.3	0.039923
ZAEU	0.249315	1.025	0.004264
ZAEU	0.142466	1.025	0.005728
ZAEU	0.161644	0.975	-0.0022
ZAEU	0.142466	0.9	0.006017
ZAEU	0.249315	0.7	0.0044
ZAEU	0.142466	1	0
ZAEU	0.161644	0.95	-0.001311
ZAEU	0.115068	1.3	0.0391
ZAEU	0.161644	1.1	0.024676
ZAEU	0.142466	0.975	-0.002183
ZAEU	0.115068	1.05	0.01348
ZAEU	0.115068	0.9	0.0059

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ZAEU	0.161644	0.7	0.0061
ZAEU	0.142466	0.95	-0.001
ZAEU	0.115068	1.025	0.006419
ZAEU	0.084932	1.3	0.0376
ZAEU	0.142466	1.1	0.027121
ZAEU	0.084932	1.1	0.036269
ZAEU	0.115068	1	0
ZAEU	0.084932	0.975	-0.001654
ZAEU	0.142466	0.7	0.006017
ZAEU	0.084932	1.05	0.015493
ZAEU	0.115068	0.975	-0.00216
ZAEU	0.084932	0.9	0.0071
ZAEU	0.115068	1.1	0.030613
ZAEU	0.084932	1.025	0.007351
ZAEU	0.057534	1.1	0.0361
ZAEU	0.057534	1.3	0.0361
ZAEU	0.115068	0.95	-0.000555
ZAEU	0.084932	1	0
ZAEU	0.057534	1.05	0.019583
ZAEU	0.057534	0.975	-0.001225
ZAEU	0.115068	0.7	0.0059
ZAEU	0.038356	1.3	0.0344
ZAEU	0.057534	1.025	0.009011
ZAEU	0.057534	0.9	0.0066
ZAEU	0.084932	0.95	0.001271
ZAEU	0.038356	1.1	0.0344
ZAEU	0.057534	1	0
ZAEU	0.038356	0.975	-0.000297
ZAEU	0.084932	0.7	0.0071
ZAEU	0.038356	1.05	0.025282
ZAEU	0.038356	0.7	0.007
ZAEU	0.038356	0.9	0.007
ZAEU	0.057534	0.95	0.004098
ZAEU	0.038356	1.025	0.010816
ZAEU	0.019178	1.3	0.0341
ZAEU	0.019178	1.025	0.016254
ZAEU	0.057534	0.7	0.0066
ZAEU	0.019178	0.7	0.006
ZAEU	0.019178	1.1	0.0341
ZAEU	0.019178	0.975	0.001784
ZAEU	0.038356	1	0

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ZAEU	0.00274	1.3	0.0297
ZAEU	0.019178	1.05	0.0341
ZAEU	0.019178	0.9	0.006
ZAEU	0.038356	0.95	0.007
ZAEU	0.00274	1.1	0.0297
ZAEU	0.00274	0.9	0.0107
ZAEU	0.00274	1.025	0.0297
ZAEU	0.019178	1	0
ZAEU	0.00274	1.05	0.0297
ZAEU	0.00274	0.7	0.0107
ZAEU	0.00274	0.975	0.0107
ZAEU	0.019178	0.95	0.006
ZAEU	0.00274	1	0
ZAEU	0.00274	0.95	0.0107
ZACR	3.005479	0.95	-0.000352
ZACR	3.005479	1.3	0.011847
ZACR	3.005479	1.025	0.00041
ZACR	3.005479	1.05	0.00102
ZACR	3.005479	0.9	0.001147
ZACR	3.005479	1.1	0.002581
ZACR	3.005479	0.975	-0.000433
ZACR	3.005479	1	0
ZACR	3.005479	0.7	0.016075
ZACR	2	0.95	-0.000116
ZACR	2	1.1	0.003581
ZACR	2	1.05	0.00134
ZACR	2	1.3	0.015246
ZACR	2	0.9	0.001795
ZACR	2	1.025	0.000598
ZACR	2	1	0
ZACR	1.49589	0.975	-0.000459
ZACR	2	0.7	0.021374
ZACR	2	0.975	-0.000346
ZACR	1.49589	1.05	0.001658
ZACR	1.49589	0.95	-0.000196
ZACR	1.49589	1.3	0.019394
ZACR	1.49589	1.1	0.004404
ZACR	1.49589	1	0
ZACR	1.49589	0.9	0.002113
ZACR	1.246575	1	0
ZACR	1.49589	1.025	0.000629

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ZACR	1.246575	1.3	0.023332
ZACR	1.49589	0.7	0.028974
ZACR	1.246575	0.975	-0.000371
ZACR	1.246575	1.1	0.005333
ZACR	1.246575	1.05	0.002051
ZACR	1	1	0
ZACR	1.246575	0.95	-0.000064
ZACR	1.246575	1.025	0.000839
ZACR	1	1.3	0.02796
ZACR	1	0.975	-0.000484
ZACR	1.246575	0.9	0.002568
ZACR	1	1.1	0.00615
ZACR	1	1.05	0.0023
ZACR	1	0.95	-0.000056
ZACR	1.246575	0.7	0.034682
ZACR	1	1.025	0.000934
ZACR	0.747945	1.3	0.037255
ZACR	1	0.9	0.003024
ZACR	0.747945	1.025	0.001324
ZACR	1	0.7	0.041038
ZACR	0.747945	1.05	0.003182
ZACR	0.49589	1.05	0.005035
ZACR	0.747945	1	0
ZACR	0.747945	1.1	0.00838
ZACR	0.747945	0.9	0.00403
ZACR	0.49589	1.025	0.002051
ZACR	0.747945	0.975	-0.000689
ZACR	0.747945	0.7	0.0475
ZACR	0.49589	1.3	0.054323
ZACR	0.49589	1	0
ZACR	0.747945	0.95	-0.000207
ZACR	0.49589	1.1	0.012644
ZACR	0.49589	0.9	0.007367
ZACR	0.49589	0.975	-0.000959
ZACR	0.416438	1.05	0.005948
ZACR	0.49589	0.7	0.0488
ZACR	0.416438	1.3	0.058703
ZACR	0.49589	0.95	-0.0001
ZACR	0.416438	1.025	0.002454
ZACR	0.416438	1.1	0.014176
ZACR	0.416438	0.9	0.007649

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ZACR	0.328767	1.1	0.015715
ZACR	0.416438	1	0
ZACR	0.416438	0.95	-0.000106
ZACR	0.328767	1.3	0.0564
ZACR	0.328767	1.05	0.00709
ZACR	0.416438	0.975	-0.001083
ZACR	0.416438	0.7	0.0398
ZACR	0.328767	0.975	-0.001385
ZACR	0.328767	1.025	0.002937
ZACR	0.246575	1.3	0.0438
ZACR	0.328767	0.95	-0.0003
ZACR	0.328767	0.9	0.007193
ZACR	0.328767	1	0
ZACR	0.246575	1.1	0.018093
ZACR	0.328767	0.7	0.0278
ZACR	0.246575	0.975	-0.001669
ZACR	0.167123	1.3	0.0477
ZACR	0.246575	1.05	0.008722
ZACR	0.246575	0.95	-0.000549
ZACR	0.246575	0.9	0.006534
ZACR	0.167123	1.1	0.023376
ZACR	0.246575	1.025	0.003845
ZACR	0.246575	0.7	0.0144
ZACR	0.167123	0.975	-0.0022
ZACR	0.167123	1.05	0.010958
ZACR	0.246575	1	0
ZACR	0.167123	1	0
ZACR	0.167123	0.9	0.011284
ZACR	0.167123	1.025	0.005095
ZACR	0.167123	0.7	0.0163
ZACR	0.167123	0.95	-0.000277
ZACR	0.115068	1.025	0.00725
ZACR	0.115068	0.7	0.0195
ZACR	0.115068	1.3	0.0523
ZACR	0.115068	1	0
ZACR	0.115068	0.975	-0.002752
ZACR	0.076712	1.3	0.0531
ZACR	0.115068	1.1	0.035046
ZACR	0.115068	0.95	0.001873
ZACR	0.115068	0.9	0.0195
ZACR	0.076712	1.1	0.038947

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ZACR	0.115068	1.05	0.014965
ZACR	0.076712	1	0
ZACR	0.076712	1.025	0.008015
ZACR	0.076712	1.05	0.016333
ZACR	0.076712	0.9	0.0201
ZACR	0.076712	0.95	0.003055
ZACR	0.076712	0.975	-0.00258
ZACR	0.035616	0.95	0.009984
ZACR	0.076712	0.7	0.0201
ZACR	0.035616	1.05	0.024216
ZACR	0.035616	1.025	0.011161
ZACR	0.035616	0.9	0.0217
ZACR	0.035616	1.3	0.0558
ZACR	0.035616	1	0
ZACR	0.035616	0.975	-0.001675
ZACR	0.035616	0.7	0.0217
ZACR	0.035616	1.1	0.0558
ZACR	0.016438	1.05	0.032616
ZACR	0.016438	1.1	0.057
ZACR	0.016438	1.3	0.057
ZACR	0.016438	0.95	0.017433
ZACR	0.016438	1	0
ZACR	0.016438	1.025	0.01424
ZACR	0.00274	0.975	0.008214
ZACR	0.016438	0.9	0.0223
ZACR	0.00274	1.05	0.051476
ZACR	0.016438	0.975	0.000261
ZACR	0.00274	0.95	0.0229
ZACR	0.016438	0.7	0.0223
ZACR	0.00274	1	0
ZACR	0.00274	1.1	0.0582
ZACR	0.00274	0.9	0.0229
ZACR	0.00274	1.3	0.0582
ZACR	0.00274	0.7	0.0229
ZACR	0.00274	1.025	0.029701
ZAAD	3.005479	1.3	0.011415
ZAAD	3.005479	1	0
ZAAD	2	1	0
ZAAD	3.005479	1.1	0.001859
ZAAD	3.005479	1.05	0.000485
ZAAD	3.005479	0.975	0.00029

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ZAAD	2	0.975	0.000313
ZAAD	3.005479	1.025	0.000088
ZAAD	2	1.3	0.014504
ZAAD	3.005479	0.95	0.001143
ZAAD	2	0.95	0.001269
ZAAD	2	1.1	0.002765
ZAAD	2	1.05	0.000726
ZAAD	3.005479	0.9	0.004233
ZAAD	2	0.9	0.00506
ZAAD	2	1.025	0.000151
ZAAD	1.49589	1.3	0.017996
ZAAD	3.005479	0.7	0.024825
ZAAD	1.246575	1.05	0.001373
ZAAD	2	0.7	0.030308
ZAAD	1.49589	1.05	0.001137
ZAAD	1.49589	1.025	0.000349
ZAAD	1.246575	1.025	0.000426
ZAAD	1.49589	1.1	0.003843
ZAAD	1.49589	0.9	0.005549
ZAAD	1.49589	1	0
ZAAD	1.246575	1	0
ZAAD	1.49589	0.7	0.034976
ZAAD	1.246575	1.3	0.020477
ZAAD	1.49589	0.975	0.00035
ZAAD	1.246575	0.975	0.00033
ZAAD	1.246575	1.1	0.004591
ZAAD	1.246575	0.9	0.005952
ZAAD	1.49589	0.95	0.001451
ZAAD	1.246575	0.95	0.00162
ZAAD	1.246575	0.7	0.038276
ZAAD	1	1.3	0.024798
ZAAD	1	1.05	0.001798
ZAAD	0.747945	1.1	0.007335
ZAAD	1	1.1	0.00565
ZAAD	1	0.9	0.006629
ZAAD	1	1.025	0.000636
ZAAD	0.747945	1.05	0.002603
ZAAD	1	0.95	0.001953
ZAAD	0.747945	1.3	0.032188
ZAAD	1	1	0
ZAAD	0.747945	1.025	0.000818

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ZAAD	1	0.7	0.041
ZAAD	0.747945	0.975	0.000386
ZAAD	1	0.975	0.000407
ZAAD	0.747945	1	0
ZAAD	0.747945	0.95	0.00214
ZAAD	0.747945	0.9	0.007418
ZAAD	0.49589	1.3	0.0416
ZAAD	0.416438	1.3	0.039
ZAAD	0.747945	0.7	0.0367
ZAAD	0.49589	0.975	0.000538
ZAAD	0.49589	1.1	0.010591
ZAAD	0.416438	1.1	0.011687
ZAAD	0.49589	0.95	0.00293
ZAAD	0.49589	0.9	0.009395
ZAAD	0.49589	1.05	0.004336
ZAAD	0.416438	1.05	0.004919
ZAAD	0.49589	0.7	0.0314
ZAAD	0.416438	0.975	0.000402
ZAAD	0.49589	1.025	0.001532
ZAAD	0.416438	1.025	0.001719
ZAAD	0.416438	1	0
ZAAD	0.416438	0.9	0.009698
ZAAD	0.49589	1	0
ZAAD	0.328767	0.7	0.0233
ZAAD	0.416438	0.95	0.002924
ZAAD	0.328767	1.025	0.002102
ZAAD	0.416438	0.7	0.0273
ZAAD	0.246575	1.3	0.0337
ZAAD	0.328767	1	0
ZAAD	0.328767	0.975	0.000466
ZAAD	0.328767	1.3	0.0365
ZAAD	0.246575	1.1	0.016823
ZAAD	0.328767	0.95	0.003055
ZAAD	0.328767	0.9	0.010547
ZAAD	0.328767	1.1	0.013463
ZAAD	0.246575	1.05	0.007184
ZAAD	0.246575	1	0
ZAAD	0.246575	1.025	0.002866
ZAAD	0.328767	1.05	0.005792
ZAAD	0.167123	0.95	0.003726
ZAAD	0.246575	0.95	0.00326

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ZAAD	0.246575	0.975	0.000454
ZAAD	0.246575	0.9	0.013228
ZAAD	0.167123	0.9	0.0156
ZAAD	0.167123	1.05	0.009089
ZAAD	0.167123	1.025	0.003934
ZAAD	0.246575	0.7	0.019
ZAAD	0.167123	0.7	0.0156
ZAAD	0.167123	1	0
ZAAD	0.167123	0.975	0.000601
ZAAD	0.167123	1.3	0.0318
ZAAD	0.115068	1.3	0.0304
ZAAD	0.115068	1.05	0.011313
ZAAD	0.115068	1.1	0.029284
ZAAD	0.167123	1.1	0.02258
ZAAD	0.082192	0.975	0.000866
ZAAD	0.115068	1	0
ZAAD	0.115068	1.025	0.004995
ZAAD	0.115068	0.95	0.004522
ZAAD	0.082192	0.95	0.006182
ZAAD	0.082192	1.05	0.013493
ZAAD	0.115068	0.975	0.00064
ZAAD	0.115068	0.9	0.0133
ZAAD	0.082192	0.9	0.0125
ZAAD	0.082192	1	0
ZAAD	0.082192	1.1	0.0299
ZAAD	0.115068	0.7	0.0133
ZAAD	0.082192	0.7	0.0125
ZAAD	0.054795	1.3	0.0293
ZAAD	0.082192	1.025	0.005987
ZAAD	0.082192	1.3	0.0299
ZAAD	0.035616	1	0
ZAAD	0.054795	1.05	0.01853
ZAAD	0.054795	1.1	0.0293
ZAAD	0.054795	1	0
ZAAD	0.035616	0.975	0.002192
ZAAD	0.035616	1.3	0.0289
ZAAD	0.054795	1.025	0.007748
ZAAD	0.054795	0.975	0.001304
ZAAD	0.035616	0.95	0.0104
ZAAD	0.035616	1.05	0.024954
ZAAD	0.035616	1.1	0.0289

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ZAAD	0.054795	0.95	0.009193
ZAAD	0.035616	0.9	0.0104
ZAAD	0.016438	1.3	0.0282
ZAAD	0.035616	1.025	0.0099
ZAAD	0.054795	0.9	0.0111
ZAAD	0	1.05	0.0289
ZAAD	0.016438	1.05	0.0282
ZAAD	0.035616	0.7	0.0104
ZAAD	0.054795	0.7	0.0111
ZAAD	0	1.025	0.0289
ZAAD	0.016438	0.9	0.0102
ZAAD	0.016438	1.1	0.0282
ZAAD	0.016438	1.025	0.015789
ZAAD	0	1	0
ZAAD	0	1.3	0.0289
ZAAD	0.016438	0.7	0.0102
ZAAD	0.016438	1	0
ZAAD	0	0.975	0.0098
ZAAD	0	0.9	0.0098
ZAAD	0	1.1	0.0289
ZAAD	0.016438	0.975	0.006355
ZAAD	0	0.95	0.0098
ZAAD	0.016438	0.95	0.0102
ZAAD	0	0.7	0.0098
ALSI Vol Surface	4.027397	1.3	-0.0248
ALSI Vol Surface	3.008219	1.1	-0.0102
ALSI Vol Surface	4.027397	1.05	-0.0051
ALSI Vol Surface	4.027397	1.1	-0.0094
ALSI Vol Surface	4.027397	0.9	0.0109
ALSI Vol Surface	3.008219	1.05	-0.0054
ALSI Vol Surface	4.027397	1.025	-0.0025
ALSI Vol Surface	4.027397	0.95	0.0051
ALSI Vol Surface	3.008219	1.3	-0.0273
ALSI Vol Surface	3.008219	1.025	-0.003
ALSI Vol Surface	4.027397	1	0
ALSI Vol Surface	4.027397	0.7	0.0381
ALSI Vol Surface	3.008219	0.975	0.0029
ALSI Vol Surface	3.008219	1	0
ALSI Vol Surface	4.027397	0.975	0.0025
ALSI Vol Surface	3.008219	0.95	0.0056
ALSI Vol Surface	3.008219	0.9	0.0123

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ALSI Vol Surface	1.764384	1.3	-0.0319
ALSI Vol Surface	2.013699	1.3	-0.0307
ALSI Vol Surface	3.008219	0.7	0.0423
ALSI Vol Surface	2.013699	0.975	0.0033
ALSI Vol Surface	1.764384	1.1	-0.0123
ALSI Vol Surface	2.013699	1.1	-0.0118
ALSI Vol Surface	2.013699	0.95	0.0066
ALSI Vol Surface	2.013699	0.9	0.0143
ALSI Vol Surface	1.764384	1.05	-0.0067
ALSI Vol Surface	2.013699	1.05	-0.0063
ALSI Vol Surface	2.013699	0.7	0.0492
ALSI Vol Surface	1.764384	0.975	0.0035
ALSI Vol Surface	1.764384	1.025	-0.0037
ALSI Vol Surface	2.013699	1.025	-0.0036
ALSI Vol Surface	1.764384	1	0
ALSI Vol Surface	1.764384	0.9	0.0151
ALSI Vol Surface	0.019178	0.7	0.1414
ALSI Vol Surface	2.013699	1	0
ALSI Vol Surface	1.764384	0.95	0.007
ALSI Vol Surface	0.019178	1	0
ALSI Vol Surface	0	1.3	-0.0127
ALSI Vol Surface	1.764384	0.7	0.052
ALSI Vol Surface	0.019178	1.025	-0.0077
ALSI Vol Surface	0.019178	0.95	0.0182
ALSI Vol Surface	0	1.1	-0.0159
ALSI Vol Surface	1.515068	1.3	-0.0325
ALSI Vol Surface	0.019178	0.975	0.009
ALSI Vol Surface	0	1	0
ALSI Vol Surface	0	1.05	-0.0132
ALSI Vol Surface	1.515068	1.1	-0.0133
ALSI Vol Surface	0.019178	0.9	0.038
ALSI Vol Surface	0	0.95	0.0182
ALSI Vol Surface	1.515068	0.7	0.0546
ALSI Vol Surface	1.515068	1.05	-0.0073
ALSI Vol Surface	0	1.025	-0.0077
ALSI Vol Surface	1.515068	1.025	-0.0039
ALSI Vol Surface	1.265753	1.3	-0.033
ALSI Vol Surface	0.019178	1.05	-0.0132
ALSI Vol Surface	0	0.975	0.009
ALSI Vol Surface	1.515068	0.975	0.0037
ALSI Vol Surface	1.265753	1.1	-0.0144

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ALSI Vol Surface	0	0.9	0.038
ALSI Vol Surface	1.515068	1	0
ALSI Vol Surface	1.515068	0.9	0.0156
ALSI Vol Surface	1.265753	1.05	-0.0081
ALSI Vol Surface	0	0.7	0.1414
ALSI Vol Surface	1.515068	0.95	0.0075
ALSI Vol Surface	1.265753	1.025	-0.004
ALSI Vol Surface	1.016438	0.95	0.009
ALSI Vol Surface	1.265753	0.9	0.0165
ALSI Vol Surface	1.265753	1	0
ALSI Vol Surface	1.265753	0.975	0.004
ALSI Vol Surface	1.016438	0.9	0.018
ALSI Vol Surface	1.265753	0.7	0.0585
ALSI Vol Surface	1.265753	0.95	0.0082
ALSI Vol Surface	1.016438	1.025	-0.0042
ALSI Vol Surface	1.016438	0.7	0.0637
ALSI Vol Surface	1.016438	1.3	-0.0323
ALSI Vol Surface	1.016438	1.05	-0.0084
ALSI Vol Surface	1.016438	0.975	0.0045
ALSI Vol Surface	0.843836	1.3	-0.0315
ALSI Vol Surface	1.016438	1.1	-0.0153
ALSI Vol Surface	1.016438	1	0
ALSI Vol Surface	0.843836	1.1	-0.0163
ALSI Vol Surface	0.767123	0.975	0.0051
ALSI Vol Surface	0.843836	0.95	0.0097
ALSI Vol Surface	0.843836	1.05	-0.0088
ALSI Vol Surface	0.843836	1.025	-0.0044
ALSI Vol Surface	0.767123	0.95	0.0101
ALSI Vol Surface	0.843836	0.9	0.0195
ALSI Vol Surface	0.843836	1	0
ALSI Vol Surface	0.843836	0.975	0.0049
ALSI Vol Surface	0.767123	0.9	0.0203
ALSI Vol Surface	0.843836	0.7	0.0689
ALSI Vol Surface	0.767123	1.05	-0.009
ALSI Vol Surface	0.767123	1.1	-0.0167
ALSI Vol Surface	0.767123	0.7	0.0718
ALSI Vol Surface	0.767123	1.3	-0.031
ALSI Vol Surface	0.767123	1	0
ALSI Vol Surface	0.767123	1.025	-0.0045
ALSI Vol Surface	0.594521	1	0
ALSI Vol Surface	0.690411	1	0

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ALSI Vol Surface	0.690411	1.3	-0.0302
ALSI Vol Surface	0.690411	1.1	-0.0171
ALSI Vol Surface	0.594521	0.975	0.0054
ALSI Vol Surface	0.690411	0.975	0.0052
ALSI Vol Surface	0.690411	1.05	-0.0093
ALSI Vol Surface	0.690411	1.025	-0.0046
ALSI Vol Surface	0.594521	0.95	0.011
ALSI Vol Surface	0.690411	0.95	0.0104
ALSI Vol Surface	0.594521	1.3	-0.029
ALSI Vol Surface	0.690411	0.7	0.0746
ALSI Vol Surface	0.594521	0.9	0.0225
ALSI Vol Surface	0.690411	0.9	0.0211
ALSI Vol Surface	0.594521	1.05	-0.0097
ALSI Vol Surface	0.594521	1.1	-0.0177
ALSI Vol Surface	0.421918	1.05	-0.0107
ALSI Vol Surface	0.517808	1.025	-0.005
ALSI Vol Surface	0.517808	1.3	-0.0279
ALSI Vol Surface	0.594521	1.025	-0.0048
ALSI Vol Surface	0.421918	1.025	-0.0056
ALSI Vol Surface	0.517808	1	0
ALSI Vol Surface	0.517808	1.05	-0.0101
ALSI Vol Surface	0.594521	0.7	0.0791
ALSI Vol Surface	0.421918	1	0
ALSI Vol Surface	0.517808	0.975	0.0056
ALSI Vol Surface	0.517808	0.9	0.0238
ALSI Vol Surface	0.517808	1.1	-0.0183
ALSI Vol Surface	0.421918	0.975	0.006
ALSI Vol Surface	0.517808	0.95	0.0116
ALSI Vol Surface	0.421918	1.3	-0.0271
ALSI Vol Surface	0.517808	0.7	0.0833
ALSI Vol Surface	0.421918	0.95	0.0123
ALSI Vol Surface	0.345205	1.05	-0.0113
ALSI Vol Surface	0.421918	0.9	0.0253
ALSI Vol Surface	0.421918	1.1	-0.0192
ALSI Vol Surface	0.268493	1.1	-0.0214
ALSI Vol Surface	0.345205	1.025	-0.0061
ALSI Vol Surface	0.345205	1.3	-0.0264
ALSI Vol Surface	0.421918	0.7	0.0883
ALSI Vol Surface	0.268493	1.05	-0.0121
ALSI Vol Surface	0.345205	1	0
ALSI Vol Surface	0.345205	0.9	0.0268

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ALSI Vol Surface	0.345205	1.1	-0.0201
ALSI Vol Surface	0.268493	1.025	-0.0068
ALSI Vol Surface	0.345205	0.975	0.0065
ALSI Vol Surface	0.268493	1.3	-0.0255
ALSI Vol Surface	0.345205	0.95	0.013
ALSI Vol Surface	0.268493	1	0
ALSI Vol Surface	0.191781	1.3	-0.0235
ALSI Vol Surface	0.268493	0.975	0.0071
ALSI Vol Surface	0.345205	0.7	0.0936
ALSI Vol Surface	0.09589	1.3	-0.0197
ALSI Vol Surface	0.191781	1.1	-0.0203
ALSI Vol Surface	0.268493	0.9	0.0289
ALSI Vol Surface	0.268493	0.95	0.0139
ALSI Vol Surface	0.09589	1.1	-0.0184
ALSI Vol Surface	0.191781	1.05	-0.0121
ALSI Vol Surface	0.191781	0.975	0.0072
ALSI Vol Surface	0.268493	0.7	0.1008
ALSI Vol Surface	0.09589	1.05	-0.0121
ALSI Vol Surface	0.191781	1.025	-0.0068
ALSI Vol Surface	0.191781	0.9	0.03
ALSI Vol Surface	0.191781	0.95	0.0144
ALSI Vol Surface	0.09589	1.025	-0.0068
ALSI Vol Surface	0.191781	1	0
ALSI Vol Surface	0.09589	0.975	0.0077
ALSI Vol Surface	0.191781	0.7	0.1047
ALSI Vol Surface	0.09589	0.9	0.0324
ALSI Vol Surface	0.09589	0.7	0.1134
ALSI Vol Surface	0.09589	1	0
ALSI Vol Surface	0.019178	1.3	-0.0127
ALSI Vol Surface	0.09589	0.95	0.0155
ALSI Vol Surface	0.019178	1.1	-0.0159
World Vol Surface	0.021918	0.975	0.0213
World Vol Surface	0	1.1	-0.033
World Vol Surface	0	1.05	-0.0317
World Vol Surface	0	1	0
World Vol Surface	0.021918	0.95	0.0431
World Vol Surface	0	1.025	-0.019
World Vol Surface	0.09863	1	0
World Vol Surface	0	0.975	0.0213
World Vol Surface	0.021918	0.9	0.0861
World Vol Surface	0	0.7	0.3027

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World Vol Surface	0.021918	1.05	-0.0317
World Vol Surface	0	0.95	0.0431
World Vol Surface	0.021918	0.7	0.3027
World Vol Surface	0.09863	1.025	-0.0165
World Vol Surface	0.021918	1	0
World Vol Surface	0	0.9	0.0861
World Vol Surface	0.520548	0.7	0.1468
World Vol Surface	0.09863	0.975	0.0184
World Vol Surface	0	1.3	0.0569
World Vol Surface	0.09863	0.95	0.0374
World Vol Surface	0.271233	1.3	-0.0119
World Vol Surface	0.021918	1.1	-0.033
World Vol Surface	0.520548	1	0
World Vol Surface	0.09863	0.9	0.0755
World Vol Surface	0.271233	1.1	-0.0369
World Vol Surface	0.021918	1.025	-0.019
World Vol Surface	0.520548	0.95	0.0246
World Vol Surface	0.09863	0.7	0.2534
World Vol Surface	0.271233	1.05	-0.0244
World Vol Surface	7.019178	1.05	0
World Vol Surface	0.271233	1	0
World Vol Surface	0.021918	1.3	0.0569
World Vol Surface	0.194521	0.95	0.0332
World Vol Surface	7.019178	1	0
World Vol Surface	0.271233	0.95	0.0304
World Vol Surface	7.019178	1.3	0
World Vol Surface	0.194521	0.9	0.0667
World Vol Surface	6.021918	1.05	0
World Vol Surface	0.194521	1.05	-0.0259
World Vol Surface	7.019178	1.1	0
World Vol Surface	0.194521	0.7	0.2142
World Vol Surface	6.021918	1	0
World Vol Surface	0.194521	1	0
World Vol Surface	6.021918	0.95	0
World Vol Surface	0.09863	1.3	0.0228
World Vol Surface	5.024658	1.05	0
World Vol Surface	0.09863	1.05	-0.0292
World Vol Surface	6.021918	0.9	0
World Vol Surface	7.019178	0.95	0
World Vol Surface	5.024658	1	0
World Vol Surface	7.019178	1.025	0

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World Vol Surface	6.021918	0.7	0
World Vol Surface	7.019178	0.9	0
World Vol Surface	4.027397	1.3	0
World Vol Surface	7.019178	0.975	0
World Vol Surface	5.024658	1.3	0
World Vol Surface	7.019178	0.7	0
World Vol Surface	4.027397	1.05	0
World Vol Surface	6.021918	1.1	0
World Vol Surface	4.027397	1	0
World Vol Surface	6.021918	1.3	0
World Vol Surface	3.008219	1.3	0
World Vol Surface	6.021918	1.025	0
World Vol Surface	4.027397	0.975	0
World Vol Surface	5.024658	0.975	0
World Vol Surface	3.008219	1.05	0
World Vol Surface	6.021918	0.975	0
World Vol Surface	4.027397	0.95	0
World Vol Surface	5.024658	0.95	0
World Vol Surface	2.013699	1.3	0
World Vol Surface	5.024658	1.1	0
World Vol Surface	4.027397	0.9	0
World Vol Surface	5.024658	0.9	0
World Vol Surface	2.013699	1.05	0
World Vol Surface	5.024658	1.025	0
World Vol Surface	2.013699	1.025	0
World Vol Surface	5.024658	0.7	0
World Vol Surface	2.013699	0.9	0
World Vol Surface	4.027397	1.1	0
World Vol Surface	2.013699	1	0
World Vol Surface	3.008219	1	0
World Vol Surface	1.764384	1.3	0
World Vol Surface	4.027397	1.025	0
World Vol Surface	2.013699	0.975	0
World Vol Surface	3.008219	0.975	0
World Vol Surface	1.764384	0.9	0
World Vol Surface	4.027397	0.7	0
World Vol Surface	2.013699	0.95	0
World Vol Surface	3.008219	0.95	0
World Vol Surface	1.515068	1.3	-0.0574
World Vol Surface	3.008219	1.1	0
World Vol Surface	1.515068	1.05	-0.0138

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World Vol Surface	3.008219	0.9	0
World Vol Surface	1.515068	0.9	0.0276
World Vol Surface	3.008219	1.025	0
World Vol Surface	1.515068	1.025	-0.0071
World Vol Surface	1.764384	1.05	0
World Vol Surface	1.09589	1.3	-0.0547
World Vol Surface	3.008219	0.7	0
World Vol Surface	1.515068	1	0
World Vol Surface	1.764384	1.025	0
World Vol Surface	1.09589	0.975	0.0088
World Vol Surface	2.013699	1.1	0
World Vol Surface	1.515068	0.975	0.0071
World Vol Surface	1.764384	1	0
World Vol Surface	1.09589	0.9	0.0338
World Vol Surface	2.013699	0.7	0
World Vol Surface	1.019178	1.3	-0.0534
World Vol Surface	1.764384	0.975	0
World Vol Surface	1.019178	0.975	0.0091
World Vol Surface	1.764384	1.1	0
World Vol Surface	1.019178	1.1	-0.0328
World Vol Surface	1.764384	0.95	0
World Vol Surface	1.019178	0.9	0.0351
World Vol Surface	1.764384	0.7	0
World Vol Surface	1.019178	1.05	-0.0176
World Vol Surface	1.09589	1.1	-0.0318
World Vol Surface	0.769863	0.975	0.0107
World Vol Surface	1.515068	1.1	-0.0265
World Vol Surface	1.019178	1.025	-0.0089
World Vol Surface	1.09589	1.05	-0.0167
World Vol Surface	0.769863	0.9	0.0408
World Vol Surface	1.515068	0.95	0.0139
World Vol Surface	1.019178	1	0
World Vol Surface	1.09589	1.025	-0.0085
World Vol Surface	0.520548	1.025	-0.0116
World Vol Surface	1.515068	0.7	0.0861
World Vol Surface	0.769863	0.7	0.1222
World Vol Surface	1.09589	1	0
World Vol Surface	0.520548	0.975	0.0123
World Vol Surface	1.09589	0.95	0.0172
World Vol Surface	0.520548	1.3	-0.034
World Vol Surface	0.769863	1.3	-0.0469

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World Vol Surface	0.520548	0.9	0.0483
World Vol Surface	1.09589	0.7	0.1019
World Vol Surface	0.520548	1.1	-0.0364
World Vol Surface	0.769863	1.1	-0.036
World Vol Surface	0.271233	1.025	-0.0133
World Vol Surface	1.019178	0.95	0.018
World Vol Surface	0.520548	1.05	-0.0217
World Vol Surface	0.769863	1.05	-0.0202
World Vol Surface	0.271233	0.975	0.0151
World Vol Surface	1.019178	0.7	0.1058
World Vol Surface	0.271233	0.9	0.0609
World Vol Surface	0.769863	1.025	-0.0105
World Vol Surface	0.194521	1.025	-0.0146
World Vol Surface	0.769863	1	0
World Vol Surface	0.271233	0.7	0.1916
World Vol Surface	0.769863	0.95	0.0211
World Vol Surface	0.194521	0.975	0.0163
World Vol Surface	0.194521	1.3	-0.0001
World Vol Surface	0.09863	1.1	-0.0368
World Vol Surface	0.194521	1.1	-0.0373
SSF Vol Surface	0.690411	1.5	-0.0222
SSF Vol Surface	0.767123	0.9	0.0132
SSF Vol Surface	0.767123	0.95	0.0065
SSF Vol Surface	0.767123	1.05	-0.0056
SSF Vol Surface	0.690411	1.3	-0.0215
SSF Vol Surface	0.767123	0.5	0.0778
SSF Vol Surface	0.767123	0.7	0.0406
SSF Vol Surface	0.767123	1	0
SSF Vol Surface	0.690411	1.1	-0.0107
SSF Vol Surface	0.690411	1	0
SSF Vol Surface	0.690411	0.95	0.0068
SSF Vol Surface	0.690411	0.5	0.0814
SSF Vol Surface	0.690411	1.05	-0.0058
SSF Vol Surface	0.690411	0.9	0.0136
SSF Vol Surface	0.690411	0.7	0.042
SSF Vol Surface	0.594521	1.5	-0.0209
SSF Vol Surface	0.594521	0.7	0.0442
SSF Vol Surface	0.594521	1	0
SSF Vol Surface	0.594521	1.05	-0.006
SSF Vol Surface	0.594521	1.3	-0.021
SSF Vol Surface	0.594521	0.5	0.0871

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SSF Vol Surface	0.594521	0.9	0.0144
SSF Vol Surface	0.594521	0.95	0.0071
SSF Vol Surface	0.594521	1.1	-0.0111
SSF Vol Surface	0.517808	1.5	-0.0195
SSF Vol Surface	0.517808	1	0
SSF Vol Surface	0.517808	1.05	-0.0063
SSF Vol Surface	0.517808	0.7	0.0464
SSF Vol Surface	0.517808	1.3	-0.0206
SSF Vol Surface	0.517808	0.9	0.015
SSF Vol Surface	0.517808	0.95	0.0074
SSF Vol Surface	0.517808	0.5	0.0929
SSF Vol Surface	0.517808	1.1	-0.0115
SSF Vol Surface	0.421918	1.1	-0.012
SSF Vol Surface	0.421918	1.05	-0.0067
SSF Vol Surface	0.421918	1.5	-0.0177
SSF Vol Surface	0.421918	0.9	0.0162
SSF Vol Surface	0.421918	1	0
SSF Vol Surface	0.421918	0.95	0.008
SSF Vol Surface	0.421918	1.3	-0.0198
SSF Vol Surface	0.421918	0.7	0.0502
SSF Vol Surface	0.345205	1.1	-0.0126
SSF Vol Surface	0.345205	1.3	-0.0189
SSF Vol Surface	0.345205	0.9	0.0174
SSF Vol Surface	0.421918	0.5	0.1046
SSF Vol Surface	0.345205	1	0
SSF Vol Surface	0.345205	1.05	-0.0071
SSF Vol Surface	0.345205	0.7	0.0545
SSF Vol Surface	0.345205	1.5	-0.0157
SSF Vol Surface	0.268493	1.1	-0.0134
SSF Vol Surface	0.345205	0.95	0.0086
SSF Vol Surface	0.345205	0.5	0.1175
SSF Vol Surface	0.268493	0.95	0.0096
SSF Vol Surface	0.268493	1	0
SSF Vol Surface	0.268493	1.3	-0.0177
SSF Vol Surface	0.268493	1.5	-0.0129
SSF Vol Surface	0.268493	0.9	0.0193
SSF Vol Surface	0.191781	1.5	-0.0115
SSF Vol Surface	0.268493	1.05	-0.0078
SSF Vol Surface	0.191781	1	0
SSF Vol Surface	0.268493	0.7	0.0607
SSF Vol Surface	0.191781	1.1	-0.0135

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SSF Vol Surface	0.191781	1.3	-0.0167
SSF Vol Surface	0.191781	0.95	0.0102
SSF Vol Surface	0.268493	0.5	0.1352
SSF Vol Surface	0.09589	1.5	-0.0081
SSF Vol Surface	0.191781	1.05	-0.008
SSF Vol Surface	0.191781	0.9	0.0206
SSF Vol Surface	0.09589	1	0
SSF Vol Surface	0.09589	1.1	-0.0135
SSF Vol Surface	0.191781	0.5	0.1548
SSF Vol Surface	0.191781	0.7	0.0685
SSF Vol Surface	0.09589	0.95	0.0117
SSF Vol Surface	0.019178	1.5	-0.002
SSF Vol Surface	0.09589	1.3	-0.0143
SSF Vol Surface	0.019178	1.05	-0.0098
SSF Vol Surface	0.09589	0.9	0.0238
SSF Vol Surface	0.019178	1.1	-0.0138
SSF Vol Surface	0.09589	1.05	-0.0086
SSF Vol Surface	0.019178	1	0
SSF Vol Surface	0.09589	0.7	0.0859
SSF Vol Surface	0.019178	0.7	0.1163
SSF Vol Surface	0.09589	0.5	0.1969
SSF Vol Surface	0.019178	0.95	0.0146
SSF Vol Surface	0	1.1	-0.0138
SSF Vol Surface	0	1.5	-0.002
SSF Vol Surface	0.019178	1.3	-0.0101
SSF Vol Surface	0.019178	0.9	0.0297
SSF Vol Surface	0	1.05	-0.0098
SSF Vol Surface	0	0.7	0.1163
SSF Vol Surface	0.019178	0.5	0.2669
SSF Vol Surface	1.515068	1.05	-0.0043
SSF Vol Surface	0	1	0
SSF Vol Surface	1.764384	1.3	-0.0209
SSF Vol Surface	0	1.3	-0.0101
SSF Vol Surface	1.515068	1	0
SSF Vol Surface	0	0.95	0.0146
SSF Vol Surface	1.764384	1.05	-0.0041
SSF Vol Surface	0	0.5	0.2669
SSF Vol Surface	1.515068	0.95	0.005
SSF Vol Surface	0	0.9	0.0297
SSF Vol Surface	1.764384	0.5	0.0516
SSF Vol Surface	1.764384	1.5	-0.0281

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SSF Vol Surface	1.515068	0.9	0.0101
SSF Vol Surface	1.764384	1	0
SSF Vol Surface	1.515068	1.3	-0.0212
SSF Vol Surface	1.764384	1.1	-0.0081
SSF Vol Surface	1.016438	1.1	-0.0099
SSF Vol Surface	1.764384	0.95	0.0046
SSF Vol Surface	1.515068	0.5	0.0556
SSF Vol Surface	1.515068	1.5	-0.0274
SSF Vol Surface	1.016438	1.05	-0.0052
SSF Vol Surface	1.764384	0.9	0.0095
SSF Vol Surface	1.265753	1.3	-0.0216
SSF Vol Surface	1.515068	1.1	-0.0085
SSF Vol Surface	1.016438	1	0
SSF Vol Surface	1.764384	0.7	0.0289
SSF Vol Surface	1.265753	0.5	0.0612
SSF Vol Surface	1.515068	0.7	0.0308
SSF Vol Surface	1.016438	0.95	0.006
SSF Vol Surface	1.265753	1.1	-0.009
SSF Vol Surface	1.016438	1.3	-0.0222
SSF Vol Surface	1.265753	1.5	-0.0263
SSF Vol Surface	0.767123	1.5	-0.0231
SSF Vol Surface	1.265753	1.05	-0.0046
SSF Vol Surface	1.016438	0.9	0.0122
SSF Vol Surface	1.265753	0.7	0.0335
SSF Vol Surface	0.767123	1.3	-0.0217
SSF Vol Surface	1.265753	1	0
SSF Vol Surface	1.016438	0.5	0.0692
SSF Vol Surface	1.016438	1.5	-0.025
SSF Vol Surface	0.767123	1.1	-0.0105
SSF Vol Surface	1.265753	0.95	0.0054
SSF Vol Surface	0.843836	0.9	0.0128
SSF Vol Surface	1.016438	0.7	0.0374
SSF Vol Surface	0.843836	0.5	0.0747
SSF Vol Surface	1.265753	0.9	0.011
SSF Vol Surface	0.843836	1.5	-0.0237
SSF Vol Surface	0.843836	1.3	-0.0219
SSF Vol Surface	0.843836	0.95	0.0063
SSF Vol Surface	0.843836	1.1	-0.0103
SSF Vol Surface	0.843836	0.7	0.0395
SSF Vol Surface	0.843836	1.05	-0.0054
SSF Vol Surface	0.843836	1	0

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