D:\\TestPDF\\nfs_outerWall.txt:

root folder

---------- // ----------
D:\\TestPDF\\New folder\nfs_innerWall.txt:

subfolder

---------- // ----------
D:\\TestPDF\\New folder (2)\test_mod.txt:

DemoCoreEngine000000013F154930
[Demo] k=0
[Demo] time SetPlanResourceDir
[Demo] time SetRadiationUnit
DirPathNameD:\Ceres\Resource\PlanEngine\|x|=1 x'Ax=137652
m_D = 52.8926
|x|=1 x'Ax=67525.6
m_D = 37.7405
[Demo] time SetImage3Dir
[BENCHMARK] Starting CwDicomImageSet
[BENCHMARK] CwDicomImageSet took 0.376076
[BENCHMARK] Starting SetPatientPosition
[BENCHMARK] SetPatientPosition took 0.000000
[Demo] time SetImage3Orientation
[BENCHMARK] Starting GetDefaultTMatForGammaPod
[BENCHMARK] GetDefaultTMatForGammaPod took 0.000000
[BENCHMARK] Starting CwGuiImageSet [BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiImage
Set[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiIma
geSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiI
mageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGu
iImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting Cw
GuiImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting CwGuiImageSet[BENCHMARK] Starting
CwGuiImageSet
-1 -0 -0 322
0 1 -0 -285.961
0 -0 1 76
0 0 0 1

-1 -0 -0 322
0 1 0 285.961
0 0 1 -76
0 0 0 1

[BENCHMARK] CwGuiImageSet took 0.242050
[BENCHMARK] Starting CwGuiImageSet
[BENCHMARK] CwMarkerDetector took 0.000000
[BENCHMARK] Starting gErrorRegister.writeToLogFile
[BENCHMARK] gErrorRegister.writeToLogFile took 0.000000
[BENCHMARK] Starting m_MarkerDetector.AssociateImageSet
Image min/max/mean:-1024 2976 -656
Voxel Count = [28868511,15433825]
[BENCHMARK] Starting OPENMP loop inside AssociateImageSet
[BENCHMARK] OPENMP loop inside AssociateImageSet took 0.044510

[BENCHMARK] Inside AssociateImageSet doing CwVolumeExpansion3::Solve
[BENCHMARK] Inside CwVolumeExpansion3::Solve -- first loop
[BENCHMARK] CwVolumeExpansion3::Solve -- first loop took 1.185738
[BENCHMARK] CwVolumeExpansion3::Solve took 2.420483
[BENCHMARK] Inside AssociateImageSet doing m_FCRegion.resize
[BENCHMARK] m_FCRegion.resize took 0.041008
FCRegion size = 4015334
[BENCHMARK] m_MarkerDetector.AssociateImageSet took 2.846069
[Demo] time GetImage3
[BENCHMARK] Starting GetTmatFromDicomToGui
[Demo] Image dimension =512,512,169)
[Demo] time SetUserDefinedMarkers
NumOfUserDefinedMarkers=1, UserDefinedMarkerDataX=289.649994,UserDefinedMarkerDataY=129.619995,U
serDefinedMarkerDataZ=86.000000
UDM #0(279 125 86)
i=279,j=125,k=86,index=22608663, int_min=2147483647
[-656,1709]
[-656,526]
[-65,526]
[-65,230]
[82,230]
[156,230]
[156,193]
[156,174]
[156,165]
[160,165]
[160,162]
m_lowerBoundThresholdVec[0] = 161
[Demo] time DoMarkerDetection
thresholdVec[0]=315
279 125 86
279 125 85
278 125 86
279 124 86
279 124 87
279 126 85
278 124 87
279 125 84
279 124 88
279 126 84
278 124 88
[Demo] time GetDetectedMarkers
[Demo] NumOfMarkers =703
[Demo] time DoRegistrationFromMarkers
|x|=1 x'Ax=677137
m_D = 48.463
processing slice 1
2markers are accepted
SliceIdx=1 #=1
processing slice 2
4markers are accepted
SliceIdx=2 #=1
processing slice 3
3markers are accepted
SliceIdx=3 #=1
processing slice 4
3markers are accepted
SliceIdx=4 #=1
processing slice 5
3markers are accepted

SliceIdx=5 #=1
processing slice 6
5markers are accepted
SliceIdx=6 #=1
processing slice 7
5markers are accepted
SliceIdx=7 #=1
processing slice 8
4markers are accepted
SliceIdx=8 #=1
processing slice 9
6markers are accepted
SliceIdx=9 #=1
processing slice 10
5markers are accepted
SliceIdx=10 #=1
processing slice 11
5markers are accepted
SliceIdx=11 #=1
processing slice 12
4markers are accepted
SliceIdx=12 #=1
processing slice 13
4markers are accepted
SliceIdx=13 #=1
processing slice 14
4markers are accepted
SliceIdx=14 #=1
processing slice 15
4markers are accepted
SliceIdx=15 #=1
processing slice 16
3markers are accepted
SliceIdx=16 #=1
processing slice 17
3markers are accepted
SliceIdx=17 #=1
processing slice 18
2markers are accepted
SliceIdx=18 #=1
processing slice 19
3markers are accepted
SliceIdx=19 #=1
processing slice 20
3markers are accepted
SliceIdx=20 #=1
processing slice 21
2markers are accepted
SliceIdx=21 #=1
processing slice 22
2markers are accepted
SliceIdx=22 #=1
processing slice 23
2markers are accepted
SliceIdx=23 #=1
processing slice 24
1markers are accepted
SliceIdx=24 #=1
processing slice 25
3markers are accepted

SliceIdx=25 #=1
processing slice 26
3markers are accepted
SliceIdx=26 #=1
processing slice 27
2markers are accepted
SliceIdx=27 #=1
processing slice 28
4markers are accepted
SliceIdx=28 #=1
processing slice 29
2markers are accepted
SliceIdx=29 #=1
processing slice 30
1markers are accepted
SliceIdx=30 #=1
processing slice 31
2markers are accepted
SliceIdx=31 #=1
processing slice 32
2markers are accepted
SliceIdx=32 #=1
processing slice 33
1markers are accepted
SliceIdx=33 #=1
processing slice 34
3markers are accepted
SliceIdx=34 #=1
processing slice 35
2markers are accepted
SliceIdx=35 #=1
processing slice 36
2markers are accepted
SliceIdx=36 #=1
processing slice 37
1markers are accepted
SliceIdx=37 #=1
processing slice 38
1markers are accepted
SliceIdx=38 #=1
processing slice 39
2markers are accepted
SliceIdx=39 #=1
processing slice 40
1markers are accepted
SliceIdx=40 #=1
processing slice 41
2markers are accepted
SliceIdx=41 #=1
processing slice 42
2markers are accepted
SliceIdx=42 #=1
processing slice 43
2markers are accepted
SliceIdx=43 #=1
processing slice 44
1markers are accepted
SliceIdx=44 #=1
processing slice 45
1markers are accepted

SliceIdx=45 #=1
processing slice 46
1markers are accepted
SliceIdx=46 #=1
processing slice 47
2markers are accepted
SliceIdx=47 #=1
processing slice 48
1markers are accepted
SliceIdx=48 #=1
processing slice 49
4markers are accepted
SliceIdx=49 #=1
processing slice 50
1markers are accepted
SliceIdx=50 #=1
processing slice 51
3markers are accepted
SliceIdx=51 #=1
processing slice 52
2markers are accepted
SliceIdx=52 #=1
processing slice 53
3markers are accepted
SliceIdx=53 #=1
processing slice 54
2markers are accepted
SliceIdx=54 #=1
processing slice 55
2markers are accepted
SliceIdx=55 #=1
processing slice 56
2markers are accepted
SliceIdx=56 #=1
processing slice 57
3markers are accepted
SliceIdx=57 #=1
processing slice 58
1markers are accepted
SliceIdx=58 #=1
processing slice 59
1markers are accepted
SliceIdx=59 #=1
processing slice 60
2markers are accepted
SliceIdx=60 #=1
processing slice 61
2markers are accepted
SliceIdx=61 #=1
processing slice 62
1markers are accepted
SliceIdx=62 #=1
processing slice 63
1markers are accepted
SliceIdx=63 #=1
processing slice 64
1markers are accepted
SliceIdx=64 #=1
processing slice 65
1markers are accepted

SliceIdx=65 #=1
processing slice 66
1markers are accepted
SliceIdx=66 #=1
processing slice 67
1markers are accepted
SliceIdx=67 #=1
processing slice 68
1markers are accepted
SliceIdx=68 #=1
processing slice 69
2markers are accepted
SliceIdx=69 #=1
processing slice 70
1markers are accepted
SliceIdx=70 #=1
processing slice 71
1markers are accepted
SliceIdx=71 #=1
processing slice 72
1markers are accepted
SliceIdx=72 #=1
processing slice 73
1markers are accepted
SliceIdx=73 #=1
processing slice 74
2markers are accepted
SliceIdx=74 #=1
processing slice 75
1markers are accepted
SliceIdx=75 #=1
processing slice 76
2markers are accepted
SliceIdx=76 #=1
processing slice 77
1markers are accepted
SliceIdx=77 #=1
processing slice 78
2markers are accepted
SliceIdx=78 #=1
processing slice 79
1markers are accepted
SliceIdx=79 #=1
processing slice 80
2markers are accepted
SliceIdx=80 #=1
processing slice 81
1markers are accepted
SliceIdx=81 #=1
processing slice 82
2markers are accepted
SliceIdx=82 #=1
processing slice 83
2markers are accepted
SliceIdx=83 #=1
processing slice 84
2markers are accepted
SliceIdx=84 #=1
processing slice 85
2markers are accepted

SliceIdx=85 #=1
processing slice 86
16markers are rejected
3markers are accepted
SliceIdx=86 #=1
processing slice 87
16markers are rejected
2markers are accepted
SliceIdx=87 #=1
processing slice 88
5markers are accepted
3markers are accepted
3markers are accepted
SliceIdx=88 #=3
processing slice 89
6markers are accepted
5markers are accepted
2markers are accepted
SliceIdx=89 #=3
processing slice 90
6markers are accepted
4markers are accepted
2markers are accepted
SliceIdx=90 #=3
processing slice 91
4markers are accepted
4markers are accepted
3markers are accepted
SliceIdx=91 #=3
processing slice 92
3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=92 #=3
processing slice 93
3markers are accepted
3markers are accepted
1markers are accepted
SliceIdx=93 #=3
processing slice 94
3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=94 #=3
processing slice 95
3markers are accepted
2markers are accepted
1markers are accepted
SliceIdx=95 #=3
processing slice 96
3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=96 #=3
processing slice 97
3markers are accepted
2markers are accepted
1markers are accepted
SliceIdx=97 #=3
processing slice 98

2markers are accepted
1markers are accepted
1markers are accepted
SliceIdx=98 #=3
processing slice 99
2markers are accepted
1markers are accepted
1markers are accepted
SliceIdx=99 #=3
processing slice 100
3markers are accepted
3markers are accepted
2markers are accepted
SliceIdx=100 #=3
processing slice 101
3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=101 #=3
processing slice 102
3markers are accepted
3markers are accepted
1markers are accepted
SliceIdx=102 #=3
processing slice 103
3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=103 #=3
processing slice 104
3markers are accepted
3markers are accepted
2markers are accepted
SliceIdx=104 #=3
processing slice 105
2markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=105 #=3
processing slice 106
2markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=106 #=3
processing slice 107
3markers are accepted
3markers are accepted
2markers are accepted
SliceIdx=107 #=3
processing slice 108
2markers are accepted
1markers are accepted
1markers are accepted
SliceIdx=108 #=3
processing slice 109
2markers are accepted
1markers are accepted
1markers are accepted
SliceIdx=109 #=3
processing slice 110

3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=110 #=3
processing slice 111
2markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=111 #=3
processing slice 112
2markers are accepted
1markers are accepted
1markers are accepted
SliceIdx=112 #=3
processing slice 113
3markers are accepted
2markers are accepted
1markers are accepted
SliceIdx=113 #=3
processing slice 114
3markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=114 #=3
processing slice 115
2markers are accepted
2markers are accepted
2markers are accepted
SliceIdx=115 #=3
processing slice 116
4markers are accepted
3markers are accepted
2markers are accepted
SliceIdx=116 #=3
processing slice 117
4markers are accepted
4markers are accepted
1markers are accepted
SliceIdx=117 #=3
processing slice 118
4markers are accepted
4markers are accepted
3markers are accepted
SliceIdx=118 #=3
processing slice 119
5markers are accepted
3markers are accepted
3markers are accepted
SliceIdx=119 #=3
processing slice 120
6markers are accepted
4markers are accepted
2markers are accepted
SliceIdx=120 #=3
processing slice 121
7markers are accepted
7markers are accepted
2markers are accepted
SliceIdx=121 #=3
processing slice 122

7markers are accepted
7markers are accepted
2markers are accepted
SliceIdx=122 #=3
processing slice 123
21markers are rejected
3markers are accepted
SliceIdx=123 #=1
processing slice 124
2markers are accepted
SliceIdx=124 #=1
processing slice 125
1markers are accepted
SliceIdx=125 #=1
processing slice 126
3markers are accepted
SliceIdx=126 #=1
processing slice 127
1markers are accepted
SliceIdx=127 #=1
processing slice 128
2markers are accepted
SliceIdx=128 #=1
processing slice 129
1markers are accepted
SliceIdx=129 #=1
processing slice 130
2markers are accepted
SliceIdx=130 #=1
processing slice 131
2markers are accepted
SliceIdx=131 #=1
processing slice 132
2markers are accepted
SliceIdx=132 #=1
processing slice 133
1markers are accepted
SliceIdx=133 #=1
processing slice 134
3markers are accepted
SliceIdx=134 #=1
processing slice 135
1markers are accepted
SliceIdx=135 #=1
processing slice 136
2markers are accepted
SliceIdx=136 #=1
processing slice 137
3markers are accepted
SliceIdx=137 #=1
processing slice 138
3markers are accepted
SliceIdx=138 #=1
processing slice 139
3markers are accepted
SliceIdx=139 #=1
processing slice 140
2markers are accepted
SliceIdx=140 #=1
processing slice 141

2markers are accepted
SliceIdx=141 #=1
processing slice 142
4markers are accepted
SliceIdx=142 #=1
processing slice 143
4markers are accepted
SliceIdx=143 #=1
processing slice 144
4markers are accepted
SliceIdx=144 #=1
processing slice 145
5markers are accepted
SliceIdx=145 #=1
processing slice 146
5markers are accepted
SliceIdx=146 #=1
processing slice 147
5markers are accepted
SliceIdx=147 #=1
processing slice 148
4markers are accepted
SliceIdx=148 #=1
processing slice 149
5markers are accepted
SliceIdx=149 #=1
processing slice 150
5markers are accepted
SliceIdx=150 #=1
processing slice 151
5markers are accepted
SliceIdx=151 #=1
processing slice 152
6markers are accepted
SliceIdx=152 #=1
processing slice 153
6markers are accepted
SliceIdx=153 #=1
processing slice 154
7markers are accepted
SliceIdx=154 #=1
processing slice 155
8markers are accepted
SliceIdx=155 #=1
processing slice 156
8markers are accepted
SliceIdx=156 #=1
processing slice 157
8markers are accepted
SliceIdx=157 #=1
processing slice 158
8markers are rejected
SliceIdx=158 #=0
processing slice 159
8markers are accepted
SliceIdx=159 #=1
processing slice 160
7markers are accepted
SliceIdx=160 #=1
processing slice 161

3markers are accepted
SliceIdx=161 #=1
processing slice 162
4markers are accepted
SliceIdx=162 #=1
processing slice 163
5markers are accepted
SliceIdx=163 #=1
processing slice 164
3markers are accepted
SliceIdx=164 #=1
processing slice 165
2markers are accepted
SliceIdx=165 #=1
processing slice 166
3markers are accepted
SliceIdx=166 #=1
processing slice 167
4markers are accepted
SliceIdx=167 #=1
processing slice 168
3markers are accepted
SliceIdx=168 #=1
# of Clusters: 237
Register itrial # 0 iOC = 0
TryRegister x.size() = 6
1st pass begins ...
1st pass MAXERR =70.5506 SC = 5 NFEV = 38
solution improved to 70.5506
Register itrial # 1 iOC = 1
TryRegister x.size() = 6
1st pass begins ...
1st pass MAXERR =74.3828 SC = 5 NFEV = 38
Register itrial # 2 iOC = 0
TryRegister x.size() = 6
1st pass begins ...
1st pass MAXERR =79.0657 SC = 5 NFEV = 38
Register itrial # 3 iOC = 1
TryRegister x.size() = 6
1st pass begins ...
1st pass MAXERR =79.0752 SC = 5 NFEV = 38
Register itrial # 4 iOC = 0
TryRegister x.size() = 6
1st pass begins ...
1st pass MAXERR =0.512728 SC = 5 NFEV = 37
2nd pass MAXERR =0.532372 SC = 2 NFEV = 41
3rd pass MAXERR = 0.528014 SC = 6 NITR = 14
solution improved to 0.528014
WhichBreast = -0.99921
-1.89426e-005 -1 -0.000696514 226.241
-7.49322e-005 0.000696516 -1 81.5922
-1 1.88904e-005 7.49454e-005 85.0277
0 0 0 1
ocbb_oc = -79.2 -79.2 -138 79.2 79.2 2 volume = 3.51268e+006
ocbb_gui = 147.04 79.5367 5.8174 305.537 219.648 164.228 volume = 3.51786e+006
imgbb = -0.519531 -0.519531 -0.5 531.48 531.48 168.5
d = 0.849589
R = 0.9858
error = 0.186325
error = 0.20865

error = 0.197454
error = 0.270921
error = 0.18141
error = 0.197211
error = 0.220822
error = 0.189685
error = 0.310443
error = 0.400265
error = 0.185232
error = 0.185232
error = 0.338558
error = 0.217689
error = 0.217689
error = 0.258835
error = 0.258835
error = 0.258835
error = 0.362704
error = 0.39339
error = 0.351504
error = 0.348582
error = 0.348582
error = 0.274329
error = 0.476583
error = 0.314234
error = 0.105976
error = 0.105976
error = 0.177939
error = 0.346808
error = 0.419192
error = 0.197568
error = 0.0566965
error = 0.0566965
error = 0.271346
error = 0.693937
error = 0.380488
error = 0.211481
error = 0.0491312
error = 0.0491312
error = 0.251556
error = 0.0172857
error = 0.14706
error = 0.14706
error = 0.225309
error = 0.136147
error = 0.0338351
error = 0.245928
error = 0.245928
error = 0.114638
error = 0.250737
error = 0.183892
error = 0.174243
error = 0.174243
error = 0.152624
error = 0.0687349
error = 0.0687349
error = 0.113899
error = 0.223641
error = 0.186679
error = 0.124053
error = 0.124053

error = 0.115101
error = 0.0168469
error = 0.0168469
error = 0.217049
error = 0.0310273
error = 0.152434
error = 0.0178513
error = 0.144659
error = 0.144659
error = 0.0797559
error = 0.060433
error = 0.00399284
error = 0.0714183
error = 0.0714183
error = 0.13576
error = 0.027057
error = 0.208446
error = 0.0680611
error = 0.0680611
error = 0.0108513
error = 0.0433218
error = 0.0423401
error = 0.0357275
error = 0.0357275
error = 0.0430441
error = 0.0557194
error = 0.0892419
error = 0.0357381
error = 0.0357381
error = 0.0391365
error = 0.0530389
error = 0.0463938
error = 0.167436
error = 0.0814015
error = 0.01686
error = 0.01686
error = 0.0514494
error = 0.0440449
error = 0.130024
error = 0.1091
error = 0.0326563
error = 0.0326563
error = 0.0157701
error = 0.0683309
error = 0.11737
error = 0.0378466
error = 0.108104
error = 0.108104
error = 0.0357112
error = 0.0588613
error = 0.0194839
error = 0.0319834
error = 0.0847384
error = 0.203665
error = 0.110033
error = 0.110033
error = 0.181949
error = 0.238876
error = 0.31963
error = 0.108282

error = 0.0311136
error = 0.155096
error = 0.155096
error = 0.103266
error = 0.107298
error = 0.0459086
error = 0.227761
error = 0.126768
error = 0.125444
error = 0.0866747
error = 0.0866747
error = 0.0728669
error = 0.324422
error = 0.0870979
error = 0.280907
error = 0.272433
error = 0.0508465
error = 0.308828
error = 0.308828
error = 0.300468
error = 0.121652
error = 0.280317
error = 0.223275
error = 0.186253
error = 0.186253
error = 0.205043
error = 0.285906
error = 0.137642
error = 0.159889
error = 0.216644
error = 0.216644
error = 0.110371
error = 0.226299
error = 0.0692513
error = 0.126708
error = 0.128712
error = 0.128712
error = 0.130625
error = 0.237878
error = 0.152334
error = 0.0546049
error = 0.180506
error = 0.180506
error = 0.28436
error = 0.1639
error = 0.166124
error = 0.158698
error = 0.158698
error = 0.219721
error = 0.27228
error = 0.374137
error = 0.344456
error = 0.316197
error = 0.316197
error = 0.336566
error = 0.406121
error = 0.431875
error = 0.431875
error = 0.483156
error = 0.070025

error = 0.123194
error = 0.123194
error = 0.151377
error = 0.172074
error = 0.111296
error = 0.111296
error = 0.173077
error = 0.241008
error = 0.239694
error = 0.239694
error = 0.387852
error = 0.233262
error = 0.0386257
error = 0.0386257
error = 0.259962
error = 0.116178
error = 0.112429
error = 0.112429
error = 0.156745
error = 0.171941
error = 0.179046
error = 0.0322739
error = 0.0322739
error = 0.0672074
error = 0.122781
error = 0.135443
error = 0.135443
error = 0.23041
error = 0.225382
error = 0.110419
error = 0.110419
error = 0.0276889
error = 0.0592186
error = 0.0454234
error = 0.0483208
error = 0.0849432
error = 0.0849432
error = 0.132327
error = 0.0749248
error = 0.0731671
error = 0.0731671
error = 0.0782925
error = 0.0767625
error = 0.314985
error = 0.314985
error = 0.087479
error = 0.0991266
error = 0.0807786
error = 0.0807786
error = 0.104224
error = 0.210534
error = 0.051302
error = 0.051302
error = 0.10183
error = 0.272943
error = 0.0872624
error = 0.0872624
error = 0.100472
error = 0.286698
error = 0.286698

error = 0.0605911
error = 0.145576
error = 0.0570495
error = 0.16454
error = 0.16454
error = 0.260529
error = 0.282041
error = 0.282041
error = 0.0685237
error = 0.218337
error = 0.1998
error = 0.143705
error = 0.143705
error = 0.176061
error = 0.226332
error = 0.226332
error = 0.1659
error = 0.159928
error = 0.099905
error = 0.099905
error = 0.170795
error = 0.239696
error = 0.239696
error = 0.193287
error = 0.278779
error = 0.278779
error = 0.354089
error = 0.416218
error = 0.416218
error = 0.32112
error = 0.317995
error = 0.158343
error = 0.158343
error = 0.0175879
error = 0.140061
error = 0.140061
error = 0.143443
error = 0.230199
error = 0.230199
error = 0.166269
error = 0.170477
error = 0.246504
error = 0.246504
error = 0.249683
error = 0.146169
error = 0.146169
error = 0.190043
error = 0.210029
error = 0.210029
error = 0.183956
error = 0.414622
error = 0.414622
error = 0.325482
error = 0.237408
error = 0.237408
error = 0.180333
error = 0.2614
error = 0.2614
error = 0.0916619
error = 0.208785

error = 0.208785
error = 0.0868124
error = 0.282359
error = 0.282359
error = 0.266035
error = 0.155697
error = 0.155697
error = 0.275803
error = 0.113212
error = 0.28139
error = 0.0826182
error = 0.0826182
error = 0.260542
error = 0.247377
error = 0.12697
error = 0.12697
error = 0.218028
error = 0.355261
error = 0.355261
error = 0.0647175
error = 0.150793
error = 0.150793
error = 0.179795
error = 0.148513
error = 0.192788
error = 0.111124
error = 0.111124
error = 0.111124
error = 0.132449
error = 0.0798122
error = 0.0750627
error = 0.0750627
error = 0.107039
error = 0.195901
error = 0.195901
error = 0.237255
error = 0.109193
error = 0.109193
error = 0.188458
error = 0.0680182
error = 0.158081
error = 0.158081
error = 0.0545859
error = 0.231881
error = 0.176439
error = 0.176439
error = 0.10817
error = 0.0152548
error = 0.0977012
error = 0.0977012
error = 0.155636
error = 0.111479
error = 0.0518655
error = 0.0518655
error = 0.141652
error = 0.0922165
error = 0.0922165
error = 0.149202
error = 0.01357
error = 0.235223

error = 0.235223
error = 0.177273
error = 0.0623228
error = 0.215444
error = 0.215444
error = 0.270902
error = 0.134169
error = 0.216369
error = 0.216369
error = 0.107019
error = 0.0502099
error = 0.196346
error = 0.196346
error = 0.0882379
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error = 0.115022
error = 0.125998
error = 0.0519466
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error = 0.0841749
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error = 0.136071
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error = 0.274259
error = 0.338873
error = 0.165842
error = 0.286337
error = 0.286337
error = 0.0418928
error = 0.0771644
error = 0.178293
error = 0.178293
error = 0.24887
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error = 0.0646611
error = 0.0801923
error = 0.126269
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error = 0.135463
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error = 0.143273

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error = 0.0725606
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error = 0.0746516
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error = 0.162863
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error = 0.0753135
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error = 0.139917
error = 0.50878
error = 0.50878
error = 0.171668
error = 0.20319
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error = 0.0892022
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error = 0.119734
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error = 0.0972222
error = 0.0927127
error = 0.19025
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error = 0.14417
error = 0.232857
error = 0.204228

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error = 0.192273
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error = 0.41045
error = 0.253349
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error = 0.140678
error = 0.140678
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error = 0.519964
error = 0.245508
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error = 0.0994937
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error = 0.247238
error = 0.521387
error = 0.127282
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error = 0.133072
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error = 0.0709002
error = 0.132715
error = 0.122212
error = 0.155045
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error = 0.201393
error = 0.173709
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error = 0.0721849
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error = 0.220028
error = 0.218828

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error = 0.219161
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error = 0.239321
error = 0.192823
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error = 0.254177
error = 0.196102
error = 0.169993
error = 0.139424
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error = 0.0521681
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error = 0.344309
error = 0.074189
error = 0.211125
error = 0.145686
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error = 0.131649
error = 0.294259
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error = 0.38373
error = 0.157624
error = 0.21947
error = 0.283075
error = 0.186961
error = 0.186961
error = 0.115113

error = 0.412673
error = 0.330042
error = 0.0397723
error = 0.0397723
error = 0.283862
error = 0.1908
error = 0.343871
error = 0.343871
error = 0.0408383
error = 0.0371612
error = 0.415173
error = 0.415173
error = 0.115116
error = 0.282817
error = 0.039899
error = 0.217253
error = 0.217253
error = 0.240518
error = 0.194186
error = 0.0309059
error = 0.177017
error = 0.177017
error = 0.218742
error = 0.218742
error = 0.249706
error = 0.249706
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error = 0.184606
error = 0.115808
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error = 0.224037
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error = 0.269894
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error = 0.225115
error = 0.464368
error = 0.499176
error = 0.238734
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error = 0.229265
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error = 0.309778
error = 0.378686
error = 0.378686
error = 0.310664
error = 0.176105
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error = 0.0947956
error = 0.305158
error = 0.373548

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error = 0.395868
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error = 0.320232
error = 0.206963
error = 0.206963
error = 0.194569
error = 0.249443
error = 0.203889
error = 0.328621
error = 0.388411
error = 0.232532
error = 0.219242
error = 0.189168
error = 0.201333
error = 0.246877
error = 0.229594
error = 0.268045
error = 0.234119
error = 0.187115
error = 0.279421
error = 0.219136
[Demo] time GetOuterCupInfo
[Demo] OuterCupType = 3
[Demo] BreastLaterality = -1
[Demo] NumOfInnerCups = 9
[Demo] time DoInnerCupDetection
L0x: New Metric,AirInsideCup, FatOutsideCup, FatInsideCup, FatTotal, TotalVolume
L01: 1.32841, 1.88615, 189.899, 630.96, 820.859, 848.021
L02: 1.45904, 3.26594, 125.977, 694.882, 820.859, 922.53
L03: 1.57866, 7.44527, 65.2735, 755.585, 820.859, 1001.87
L04: 1.54409, 37.0212, 36.6909, 784.168, 820.859, 1092.86
L05: 1.37969, 122.599, 33.5825, 787.276, 820.859, 1187.1
L06: 1.26047, 227.787, 31.3153, 789.543, 820.859, 1296.37
L07: 1.18559, 338.866, 28.6993, 792.159, 820.859, 1411.96
L08: 1.13519, 460.834, 24.5934, 796.265, 820.859, 1532.02
L09: 1.14749, 554.044, 9.60997, 811.249, 820.859, 1663.96
[Demo] time GetFiducialCurveInfo
[Demo] NumOfFCVertices = 146
[Demo] MaximumOfError = 0.69394 mm
[Demo] MeanOfError = 0.17940 mm
[Demo] StandardDeviationOfError = 0.10860 mm
[Demo] time GetInnerCupInfo
[Demo] InnerCupType = L03
[Demo] time GetInnerCupShape
[Demo] time SetInnerCupType
[Demo] time GetInnerCupShape
[Demo] time GetDoseRegionBox
drb_OC=-102 -105 -264 102 106 -47
drb_Gui=120.272 128.511 -16.994 331.427 345.674 187.026
imgbbox_Gui=-0.519531 -0.519531 -0.5 531.48 531.48 168.5
[Demo] cornerMin=[120.2720,128.5114,-0.5000] and cornerMax=[331.4269,345.6736,168.5000]
[Demo] time SetRoisPrepare
[Demo] time SetRoisSetOneRoi
[Demo] time loading .dat file
fopen success
fread Dimension: 3
fread Origin: 3
fread Spacing: 3
fread Data: 40631080

[Demo] time call SetRoisSetOneRoi
m_Volume=1478.63 cc
[Demo] ResultStatus =0
[Demo] time SetRoisSetOneRoi
[Demo] time loading .dat file
fopen success
fread Dimension: 3
fread Origin: 3
fread Spacing: 3
fread Data: 171495
[Demo] time call SetRoisSetOneRoi
m_Volume=2.94637 cc
[Demo] ResultStatus =0
[Demo] time SetRoisFinalize
U (1's): 1063
[Demo] ResultStatus =0
[Demo] time DoOptimization presolve
-10.9815 -16.5513 -119.706
17.0222 21.3364 -79.7398
[Demo] time SetPrescription
U (1's): 0
Dss Roi 1: 1459.42 cc
U (1's): 0
Dss Roi 11: 2.92909 cc
U (1's): 1251
MarginSampleList.size()= 997
OuterPointVec.size() = 997
MAX(C) = 0.0817729
[Demo] ResultStatus =0
[Demo] time SetMaxDeliveryTime
[Demo] time DoOptimization fastsolve
scalarG=1
scalarA=12.229
wnew = 26.0432
# of nnls iterations = 48
static rnorm = 92.0962
[Demo] time GetDvhCurve
[Demo] GuiRoiId = 0 RoiVolume = 1cc
[Demo] time GetDvhCurve
[Demo] GuiRoiId = 1 RoiVolume = 1459.42cc
[Demo] time GetDvhCurve
[Demo] GuiRoiId = 10 RoiVolume = 2.92909cc
[Demo] time DoOptimization fullsolve
scalarG=1
scalarA=12.229
wnew = 26.0432
# of nnls iterations = 48
static rnorm = 92.0962
m_OptStatic.Tss1.Size() = 39
MAX(C) = 0.0795741
scalarG=1
scalarA=12.5669
wnew = 26.0432
# of nnls iterations = 52
static rnorm = 88.3919
m_OptStatic.Tss1.Size() = 28
MAX(C) = 0.0795376
scalarG=1
scalarA=12.5727
wnew = 26.0432

```
# of nnls iterations = 70
 static rnorm = 88.2953
 m_OptStatic.Tss1.Size() = 25
 n = 49
 ActiveJVec.size() = 48
 tlb[12]=0
 tlb[0]=0
 tlb[36]=2.54829
 tlb[37]=0
 tlb[1]=4.22297
 tlb[2]=0
 tlb[38]=2.98104
 tlb[39]=0
 tlb[13]=3.70394
 tlb[14]=0
 tlb[15]=2.88787
 tlb[16]=0
 tlb[40]=4.61837
 tlb[41]=0
 tlb[17]=2.72467
 tlb[18]=0
 tlb[3]=3.51544
 tlb[4]=0
 tlb[19]=3.41539
 tlb[20]=0
 tlb[42]=4.49976
 tlb[43]=0
 tlb[24]=4.05065
 tlb[21]=3.31434
 tlb[25]=0
 tlb[22]=0
 tlb[23]=0
 tlb[44]=4.51976
 tlb[45]=0
 tlb[5]=5.21958
 tlb[6]=0
 tlb[7]=2.7596
 tlb[8]=0
 tlb[26]=6.13748
 tlb[27]=0
 tlb[46]=5.24745
 tlb[47]=0
 tlb[28]=5.73399
 tlb[29]=0
 tlb[9]=5.18206
 tlb[10]=0
 tlb[30]=3.39402
 tlb[31]=0
 tlb[32]=3.00029
 tlb[33]=0
 tlb[11]=3.6156
 tlb[34]=2.7194
 tlb[35]=0
 maxtsum=1800
 scalarG=1
 scalarA=12.5727
 wnew = 26.0432
 # of nnls iterations = 21
 m_OptDynamic.t.size()=48
 m_OptDynamic.dact.size()=41587
```

dynamic rnorm = 100.855
k = 1
BasicV[k-1] = {1.01888 0.525552 -117.524 25 0}
BasicV[k] = {2.80806 10.4922 -112.384 25 4.22297}
k = 2
BasicV[k-1] = {2.80806 10.4922 -112.384 25 4.22297}
BasicV[k] = {2.92577 11.3467 -108.268 25 7.73841}
k = 3
BasicV[k-1] = {2.92577 11.3467 -108.268 25 7.73841}
BasicV[k] = {-3.65104 16.6104 -99.1922 25 12.958}
k = 4
BasicV[k-1] = {-3.65104 16.6104 -99.1922 25 12.958}
BasicV[k] = {-8.28643 14.8584 -97.0735 25 15.7176}
k = 5
BasicV[k-1] = {-8.28643 14.8584 -97.0735 25 15.7176}
BasicV[k] = {-9.97989 -10.5958 -96.8114 25 20.8996}
k = 6
BasicV[k-1] = {-9.97989 -10.5958 -96.8114 25 20.8996}
BasicV[k] = {2.5974 2.47589 -99.1605 25 24.5152}
k = 7
BasicV[k-1] = {2.5974 2.47589 -99.1605 25 24.5152}
BasicV[k] = {2.5974 2.47589 -99.1605 25 41.7857}
k = 8
BasicV[k-1] = {2.5974 2.47589 -99.1605 25 41.7857}
BasicV[k] = {15.0202 -11.2417 -98.1741 25 45.4896}
k = 9
BasicV[k-1] = {15.0202 -11.2417 -98.1741 25 45.4896}
BasicV[k] = {15.0203 -6.58063 -95.7705 25 48.3775}
k = 10
BasicV[k-1] = {15.0203 -6.58063 -95.7705 25 48.3775}
BasicV[k] = {15.0208 -5.40676 -93.2971 25 51.1022}
k = 11
BasicV[k-1] = {15.0208 -5.40676 -93.2971 25 51.1022}
BasicV[k] = {16.021 0.360793 -89.7854 25 54.5176}
k = 12
BasicV[k-1] = {16.021 0.360793 -89.7854 25 54.5176}
BasicV[k] = {15.0213 7.05906 -86.7322 25 58.1933}
k = 13
BasicV[k-1] = {15.0213 7.05906 -86.7322 25 58.1933}
BasicV[k] = {15.0213 7.05906 -86.7322 25 66.7469}
k = 14
BasicV[k-1] = {15.0213 7.05906 -86.7322 25 66.7469}
BasicV[k] = {15.0213 7.05906 -86.7322 0 67.7469}
k = 15
BasicV[k-1] = {15.0213 7.05906 -86.7322 0 67.7469}
BasicV[k] = {11.4214 7.0592 -86.7318 0 69.6443}
k = 16
BasicV[k-1] = {11.4214 7.0592 -86.7318 0 69.6443}
BasicV[k] = {11.4214 7.0592 -86.7318 15 70.6443}
k = 17
BasicV[k-1] = {11.4214 7.0592 -86.7318 15 70.6443}
BasicV[k] = {11.4214 7.0592 -86.7318 15 76.2545}
k = 18
BasicV[k-1] = {11.4214 7.0592 -86.7318 15 76.2545}
BasicV[k] = {-4.98292 1.14648 -85.6946 15 80.3051}
k = 19
BasicV[k-1] = {-4.98292 1.14648 -85.6946 15 80.3051}
BasicV[k] = {-4.98292 1.14648 -85.6946 15 84.5121}
k = 20
BasicV[k-1] = {-4.98292 1.14648 -85.6946 15 84.5121}

BasicV[k] = {-6.3794 15.3806 -97.9112 15 90.6496}
k = 21
BasicV[k-1] = {-6.3794 15.3806 -97.9112 15 90.6496}
BasicV[k] = {-6.3794 15.3806 -97.9112 15 94.534}
k = 22
BasicV[k-1] = {-6.3794 15.3806 -97.9112 15 94.534}
BasicV[k] = {1.02005 15.3856 -108.867 15 100.268}
k = 23
BasicV[k-1] = {1.02005 15.3856 -108.867 15 100.268}
BasicV[k] = {-1.98053 11.5556 -112.706 15 103.662}
k = 24
BasicV[k-1] = {-1.98053 11.5556 -112.706 15 103.662}
BasicV[k] = {-1.98053 11.5556 -112.706 15 106.168}
k = 25
BasicV[k-1] = {-1.98053 11.5556 -112.706 15 106.168}
BasicV[k] = {7.0195 6.87492 -111.298 15 109.168}
k = 26
BasicV[k-1] = {7.0195 6.87492 -111.298 15 109.168}
BasicV[k] = {7.0195 6.87492 -111.298 15 116.039}
k = 27
BasicV[k-1] = {7.0195 6.87492 -111.298 15 116.039}
BasicV[k] = {7.0194 -0.518684 -111.673 15 118.758}
k = 28
BasicV[k-1] = {7.0194 -0.518684 -111.673 15 118.758}
BasicV[k] = {4.41927 1.93273 -113.75 15 121.307}
k = 29
BasicV[k-1] = {4.41927 1.93273 -113.75 15 121.307}
BasicV[k] = {4.41927 1.93273 -113.75 15 123.049}
k = 30
BasicV[k-1] = {4.41927 1.93273 -113.75 15 123.049}
BasicV[k] = {-2.98069 -3.31382 -111.676 15 126.03}
k = 31
BasicV[k-1] = {-2.98069 -3.31382 -111.676 15 126.03}
BasicV[k] = {-2.98069 -3.31382 -111.676 15 127.504}
k = 32
BasicV[k-1] = {-2.98069 -3.31382 -111.676 15 127.504}
BasicV[k] = {-5.50013 -11.6314 -104.808 15 132.122}
k = 33
BasicV[k-1] = {-5.50013 -11.6314 -104.808 15 132.122}
BasicV[k] = {-5.50013 -11.6314 -104.808 15 138.059}
k = 34
BasicV[k-1] = {-5.50013 -11.6314 -104.808 15 138.059}
BasicV[k] = {11.4202 -10.5969 -100.094 15 142.559}
k = 35
BasicV[k-1] = {11.4202 -10.5969 -100.094 15 142.559}
BasicV[k] = {11.4202 -10.5969 -100.094 15 151.424}
k = 36
BasicV[k-1] = {11.4202 -10.5969 -100.094 15 151.424}
BasicV[k] = {-5.3795 -10.5996 -95.2824 15 155.943}
k = 37
BasicV[k-1] = {-5.3795 -10.5996 -95.2824 15 155.943}
BasicV[k] = {-5.3795 -10.5996 -95.2824 15 163.821}
k = 38
BasicV[k-1] = {-5.3795 -10.5996 -95.2824 15 163.821}
BasicV[k] = {-3.97893 15.3763 -92.9594 15 169.069}
k = 39
BasicV[k-1] = {-3.97893 15.3763 -92.9594 15 169.069}
BasicV[k] = {-3.97893 15.3763 -92.9594 15 171.667}
3.42181, 4.17586, -86.226, 15, 0.150324
3.01664, 4.02982, -86.2004, 15, 0.150324

-4.8585, -0.936756, -94.4183, 15, 0.207836
-4.76886, 0.725802, -94.2696, 15, 0.207836
-4.67921, 2.38836, -94.1209, 15, 0.207836
-4.58957, 4.05092, -93.9722, 15, 0.207836
-4.49993, 5.71348, -93.8235, 15, 0.207836
-3.69124, -4.05996, -97.9859, 25, 0.225975
-2.51212, -2.83449, -98.2062, 25, 0.225975
-1.333, -1.60901, -98.4264, 25, 0.225975
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13:33:03.61 calc has finished
[Demo] time SetDoseScaleFactor
[Demo] time GetDoseDistribution
[Demo] Max Dose = 5.36821 at (224,172,83)
[Demo] time Delete engine...

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SUBSUBFOLDER

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