

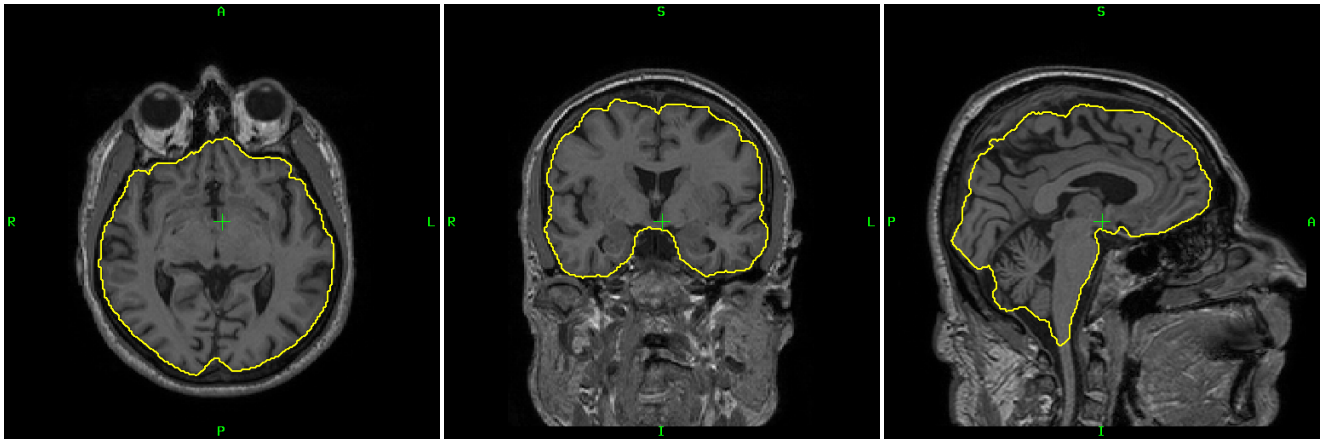
Report based on MALPEM pipeline

File: /tmp/output/fileCI9yfT/m100_22-10-15_23-15-58/m100_N4.nii.gz

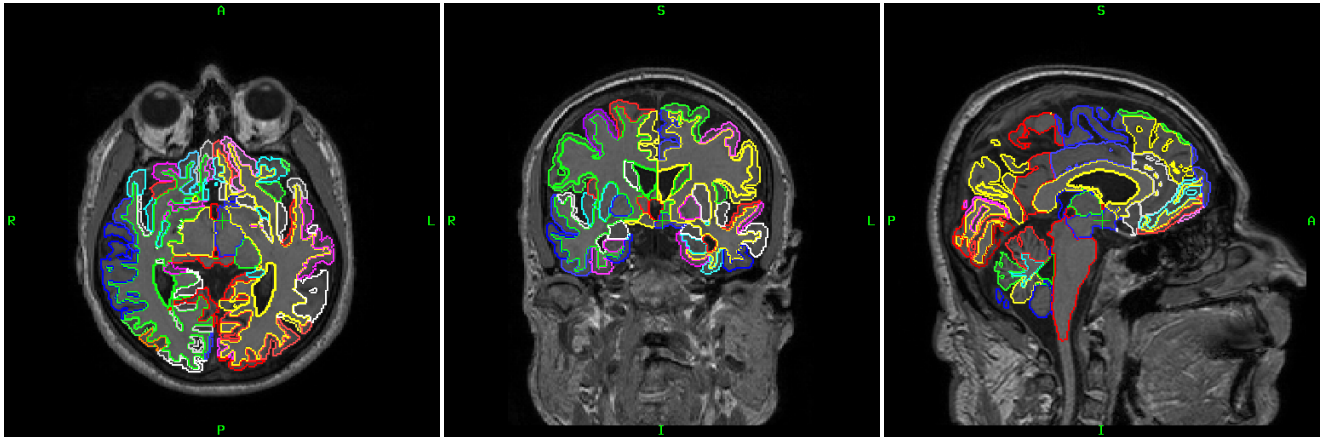
Date/Time: Fri Oct 23 01:01:02 2015

Volumetric Summary	[ml]	rel. to total	IDs
total brain volume:	1111.7727	100.0%	[1-138]
ventricle volume:	30.6946	2.76%	[1-2,21-24]
noncortical GM volume:	175.7499	15.81%	[3-11,19-20,25-32,35-40]
cortical GM volume:	429.8696	38.67%	[41-138]
white matter volume:	473.3998	42.58%	[12-13,16-17]
other volume:	2.0588	0.19%	[14-15,18,33-34]

brain extraction (pinfram)



whole brain segmentation (MALPEM with Neuromorphometrics atlas)



Neuromorphometrics Volumes [ml]

(0)	9256.2288	(Background)	(71)	1.5567	(RightLORg)
(1)	1.7265	(3rdVentricle)	(72)	1.3922	(LeftLORg)
(2)	2.1547	(4thVentricle)	(73)	3.626	(RightMCgG)
(3)	0.4767	(RightAccumbensArea)	(74)	3.433	(LeftMCgG)
(4)	0.4303	(LeftAccumbensArea)	(75)	1.2213	(RightMFC)
(5)	0.9956	(RightAmygdala)	(76)	1.6611	(LeftMFC)
(6)	0.965	(LeftAmygdala)	(77)	14.5083	(RightMFG)
(7)	19.035	(BrainStem)	(78)	14.5262	(LeftMFG)
(8)	4.9085	(RightCaudate)	(79)	4.4234	(RightMOG)
(9)	4.5594	(LeftCaudate)	(80)	5.5846	(LeftMOG)
(10)	46.556	(RightCerebellumExterior)	(81)	3.3497	(RightMORg)
(11)	45.0141	(LeftCerebellumExterior)	(82)	3.3993	(LeftMORg)
(12)	18.6838	(RightCerebellumWhiteMatter)	(83)	0.4598	(RightMPoG)
(13)	17.8907	(LeftCerebellumWhiteMatter)	(84)	0.8005	(LeftMPoG)
(14)	0.0011	(RightCerebralExterior)	(85)	1.7771	(RightMPrG)
(15)	0.0	(LeftCerebralExterior)	(86)	2.083	(LeftMPrG)
(16)	222.3324	(RightCerebralWhiteMatter)	(87)	6.3229	(RightMSFG)
(17)	214.4929	(LeftCerebralWhiteMatter)	(88)	4.7493	(LeftMSFG)
(18)	1.8742	(CSF)	(89)	12.9916	(RightMTG)
(19)	2.9985	(RightHippocampus)	(90)	11.379	(LeftMTG)
(20)	3.0386	(LeftHippocampus)	(91)	2.391	(RightOCP)
(21)	1.3089	(RightInfLatVent)	(92)	3.3792	(LeftOCP)
(22)	1.4154	(LeftInfLatVent)	(93)	3.2632	(RightOFuG)
(23)	11.9802	(RightLateralVentricle)	(94)	3.0143	(LeftOFuG)
(24)	12.1089	(LeftLateralVentricle)	(95)	2.2707	(RightOpIFG)
(25)	1.8193	(RightPallidum)	(96)	2.41	(LeftOpIFG)
(26)	1.6643	(LeftPallidum)	(97)	1.0399	(RightOrIFG)
(27)	4.628	(RightPutamen)	(98)	1.2298	(LeftOrIFG)
(28)	5.1796	(LeftPutamen)	(99)	3.4973	(RightPCgG)
(29)	7.0569	(RightThalamusProper)	(100)	3.8116	(LeftPCgG)
(30)	7.5431	(LeftThalamusProper)	(101)	8.4227	(RightPCu)
(31)	4.2356	(RightVentralDC)	(102)	7.3364	(LeftPCu)
(32)	4.3991	(LeftVentralDC)	(103)	2.3889	(RightPHG)
(33)	0.0527	(Rightvessel)	(104)	2.8171	(LeftPHG)
(34)	0.1308	(Leftvessel)	(105)	2.2897	(RightPIns)
(35)	0.0042	(OpticChiasm)	(106)	2.16	(LeftPIns)
(36)	4.8052	(CerebellarVermalLobulesI-V)	(107)	1.3795	(RightPO)
(37)	1.9522	(CerebellarVermalLobulesVI-VII)	(108)	2.5724	(LeftPO)
(38)	2.7633	(CerebellarVermalLobulesVIII-X)	(109)	7.9049	(RightPoG)
(39)	0.3122	(LeftBasalForebrain)	(110)	7.8036	(LeftPoG)
(40)	0.4092	(RightBasalForebrain)	(111)	2.257	(RightPORg)
(41)	3.6176	(RightACg)	(112)	2.2254	(LeftPORg)
(42)	3.6967	(LeftACg)	(113)	1.6822	(RightPP)
(43)	3.9878	(RightAIns)	(114)	1.698	(LeftPP)
(44)	4.0869	(LeftAIns)	(115)	10.2379	(RightPrG)
(45)	1.3932	(RightAORg)	(116)	9.6325	(LeftPrG)
(46)	1.5261	(LeftAORg)	(117)	1.2783	(RightPT)
(47)	8.1169	(RightAnG)	(118)	2.064	(LeftPT)
(48)	7.1961	(LeftAnG)	(119)	0.8617	(RightSCA)
(49)	1.947	(RightCalc)	(120)	0.8427	(LeftSCA)
(50)	2.1526	(LeftCalc)	(121)	13.3692	(RightSFG)
(51)	3.0227	(RightCO)	(122)	14.2362	(LeftSFG)
(52)	3.3075	(LeftCO)	(123)	4.2008	(RightSMC)
(53)	2.7812	(RightCun)	(124)	4.2093	(LeftSMC)
(54)	2.2391	(LeftCun)	(125)	6.7806	(RightSMG)
(55)	1.8773	(RightEntA)	(126)	7.3396	(LeftSMG)
(56)	1.9839	(LeftEntA)	(127)	2.8962	(RightSOG)
(57)	1.6706	(RightFO)	(128)	2.0134	(LeftSOG)
(58)	1.4681	(LeftFO)	(129)	6.692	(RightSPL)
(59)	2.8044	(RightFRP)	(130)	8.1137	(LeftSPL)
(60)	2.2939	(LeftFRP)	(131)	7.5495	(RightSTG)
(61)	6.9536	(RightFuG)	(132)	5.5962	(LeftSTG)
(62)	6.2986	(LeftFuG)	(133)	7.7288	(RightTMP)
(63)	1.3395	(RightGrE)	(134)	7.1761	(LeftTMP)
(64)	1.6738	(LeftGrE)	(135)	2.2686	(RightTrIFG)
(65)	4.6913	(RightIOG)	(136)	2.5682	(LeftTrIFG)
(66)	5.5424	(LeftIOG)	(137)	1.0114	(RightTTG)
(67)	10.5574	(RightITG)	(138)	1.1074	(LeftTTG)
(68)	10.3792	(LeftITG)			
(69)	7.2963	(RightLiG)			
(70)	5.7038	(LeftLiG)			

Dictionary of Neuromorphometrics Structure Names (remapped IDs from original Atlas)

Non-Cortical Structures

0	Background
1	3rdVentricle
2	4thVentricle
3	RightAccumbensArea
4	LeftAccumbensArea
5	RightAmygdala
6	LeftAmygdala
7	BrainStem
8	RightCaudate
9	LeftCaudate
10	RightCerebellumExterior
11	LeftCerebellumExterior
12	RightCerebellumWhiteMatter
13	LeftCerebellumWhiteMatter
14	RightCerebralExterior
15	LeftCerebralExterior
16	RightCerebralWhiteMatter
17	LeftCerebralWhiteMatter
18	CSF
19	RightHippocampus
20	LeftHippocampus
21	RightInfLatVent
22	LeftInfLatVent
23	RightLateralVentricle
24	LeftLateralVentricle
25	RightPallidum
26	LeftPallidum
27	RightPutamen
28	LeftPutamen
29	RightThalamusProper
30	LeftThalamusProper
31	RightVentralDC
32	LeftVentralDC
33	Rightvessel
34	Leftvessel
35	OpticChiasm
36	CerebellarVermalLobulesI-V
37	CerebellarVermalLobulesVI-VII
38	CerebellarVermalLobulesVIII-X
39	LeftBasalForebrain
40	RightBasalForebrain

Cortical Structures

41	RightACg	Ganteriorcingulategyrus Right
42	LeftACg	Ganteriorcingulategyrus Left
43	RightAIns	Anteriorinsula Right
44	LeftAIns	Anteriorinsula Left
45	RightAOrg	Anteriororbitalgyrus Right
46	LeftAOrg	Anteriororbitalgyrus Left
47	RightAnG	Angulargyrus Right
48	LeftAnG	Angulargyrus Left
49	RightCalc	Calcarinecortex Right
50	LeftCalc	Calcarinecortex Left
51	RightCO	Centraloperculum Right
52	LeftCO	Centraloperculum Left
53	RightCun	Cuneus Right
54	LeftCun	Cuneus Left
55	RightEntA	Ententorhinalarea Right
56	LeftEntA	Ententorhinalarea Left
57	RightFO	Frontaloperculum Right
58	LeftFO	Frontaloperculum Left
59	RightFRP	Frontalpole Right
60	LeftFRP	Frontalpole Left
61	RightFuG	Fusiformgyrus Right
62	LeftFuG	Fusiformgyrus Left
63	RightGre	Gyrusrectus Right
64	LeftGre	Gyrusrectus Left
65	RightIOG	Inferioroccipitalgyrus Right

66	LeftIOG	Inferioroccipitalgyrus Left
67	RightITG	Inferiortemporalgyrus Right
68	LeftITG	Inferiortemporalgyrus Left
69	RightLiG	Lingualgyrus Right
70	LeftLiG	Lingualgyrus Left
71	RightLORg	Lateralorbitalgyrus Right
72	LeftLORg	Lateralorbitalgyrus Left
73	RightMCgG	Middlecingulategyrus Right
74	LeftMCgG	Middlecingulategyrus Left
75	RightMFC	Medialfrontalcortex Right
76	LeftMFC	Medialfrontalcortex Left
77	RightMFG	Middlefrontalgyrus Right
78	LeftMFG	Middlefrontalgyrus Left
79	RightMOG	Middleoccipitalgyrus Right
80	LeftMOG	Middleoccipitalgyrus Left
81	RightMORg	Medialorbitalgyrus Right
82	LeftMORg	Medialorbitalgyrus Left
83	RightMPoG	Postcentralgyrusmedialsegment Right
84	LeftMPoG	Postcentralgyrusmedialsegment Left
85	RightMPrG	Precentralgyrusmedialsegment Right
86	LeftMPrG	Precentralgyrusmedialsegment Left
87	RightMSFG	Superiorfrontalgyrusmedialsegment Right
88	LeftMSFG	Superiorfrontalgyrusmedialsegment Left
89	RightMTG	Middletemporalgyrus Right
90	LeftMTG	Middletemporalgyrus Left
91	RightOCP	Occipitalpole Right
92	LeftOCP	Occipitalpole Left
93	RightOFuG	Occipitalfusiformgyrus Right
94	LeftOFuG	Occipitalfusiformgyrus Left
95	RightOpIFG	Opercularpartoftheinferiorfrontalgyrus Right
96	LeftOpIFG	Opercularpartoftheinferiorfrontalgyrus Left
97	RightOrIFG	Orbitalpartoftheinferiorfrontalgyrus Right
98	LeftOrIFG	Orbitalpartoftheinferiorfrontalgyrus Left
99	RightPCgG	Posteriorcingulategyrus Right
100	LeftPCgG	Posteriorcingulategyrus Left
101	RightPCu	Precuneus Right
102	LeftPCu	Precuneus Left
103	RightPHG	Parahippocampalgyrus Right
104	LeftPHG	Parahippocampalgyrus Left
105	RightPIns	Posteriorinsula Right
106	LeftPIns	Posteriorinsula Left
107	RightPO	Parietaloperculum Right
108	LeftPO	Parietaloperculum Left
109	RightPoG	Postcentralgyrus Right
110	LeftPoG	Postcentralgyrus Left
111	RightPORg	Posteriororbitalgyrus Right
112	LeftPORg	Posteriororbitalgyrus Left
113	RightPP	Planumpolare Right
114	LeftPP	Planumpolare Left
115	RightPrG	Precentralgyrus Right
116	LeftPrG	Precentralgyrus Left
117	RightPT	Planumtemporale Right
118	LeftPT	Planumtemporale Left
119	RightSCA	Subcallosalarea Right
120	LeftSCA	Subcallosalarea Left
121	RightSFG	Superiorfrontalgyrus Right
122	LeftSFG	Superiorfrontalgyrus Left
123	RightSMC	Supplementarymotorcortex Right
124	LeftSMC	Supplementarymotorcortex Left
125	RightSMG	Supramarginalgyrus Right
126	LeftSMG	Supramarginalgyrus Left
127	RightSOG	Superioroccipitalgyrus Right
128	LeftSOG	Superioroccipitalgyrus Left
129	RightSPL	Superiorparietallobule Right
130	LeftSPL	Superiorparietallobule Left
131	RightSTG	Superiortemporalgyrus Right
132	LeftSTG	Superiortemporalgyrus Left
133	RightTMP	Temporalpole Right
134	LeftTMP	Temporalpole Left
135	RightTrIFG	Triangularpartoftheinferiorfrontalgyrus Right
136	LeftTrIFG	Triangularpartoftheinferiorfrontalgyrus Left
137	RightTTG	Transversetemporalgyrus Right
138	LeftTTG	Transversetemporalgyrus Left