

This section shows the rectal V70, V75, V80 (planning to prostate only)

	CT V70 (cc)	MR V70 (cc)	deltaV70	CT V75 (cc)	MR V75 (cc)	deltaV75	CT V80 (cc)	MR V80 (cc)	deltaV80
patient 1	8.19	5.64	2.55	5.79	4.24	1.55	2.49	1.99	0.50
patient 2	5.81	4.11	1.70	4.49	3.23	1.26	2.75	2.06	0.69
patient 3	5.13	2.99	2.14	3.74	2.06	1.68	2.10	1.16	0.94
patient 4	6.81	6.27	0.54	5.35	4.49	0.86	3.28	2.25	1.03
patient 5	12.33	4.92	7.41	9.77	3.75	6.02	6.35	2.41	3.94
patient 6	10.24	4.94	5.30	7.84	3.77	4.07	4.58	2.27	2.31
patient 7	10.09	9.79	0.30	8.10	7.43	0.67	5.05	4.72	0.33
patient 8	9.37	8.69	0.68	7.15	6.76	0.39	4.10	4.07	0.03
patient 9	7.31	3.55	3.76	5.84	2.46	3.38	3.95	1.17	2.78
patient 10	6.98	6.76	0.22	4.69	4.61	0.08	1.53	1.56	-0.03
patient 11	8.37	4.50	3.87	6.42	3.25	3.17	3.78	1.39	2.39
patient 12	14.24	13.38	0.86	10.72	9.44	1.28	5.41	4.89	0.52
patient 13	10.20	3.92	6.28	8.17	2.93	5.24	4.99	1.68	3.31
patient 14	9.29	9.75	-0.46	7.37	7.47	-0.10	4.59	4.30	0.29
patient 15	10.09	4.25	5.84	7.59	2.90	4.69	3.70	1.09	2.61

normality test: Shapiro-Wilk test

P value 0.17 0.13 0.06

significance test: Wilcoxon paired signed rank test

see table 1 for estimate, confidence interval, and P value

This section shows the rectal V70, V75, V80 (planning to prostate + 1 cm SV)

	CT V70 (cc)	MR V70 (cc)	deltaV70	CT V75 (cc)	MR V75 (cc)	deltaV70	CT V80 (cc)	MR V80 (cc)	deltaV70
patient 1	10.09	6.73	3.36	6.99	4.72	2.27	2.97	1.98	0.99
patient 2	6.74	4.46	2.28	5.20	3.49	1.71	3.11	2.23	0.88
patient 3	6.50	4.42	2.08	4.53	3.28	1.25	2.27	1.90	0.37
patient 4	7.88	8.32	-0.44	6.39	6.17	0.22	4.15	3.41	0.74
patient 5	14.60	5.53	9.07	11.34	4.26	7.08	7.01	2.70	4.31
patient 6	13.26	6.79	6.47	10.45	5.39	5.06	6.87	3.73	3.14
patient 7	11.71	12.97	-1.26	9.43	9.77	-0.34	5.97	5.98	-0.01
patient 8	10.44	10.19	0.25	7.80	7.92	-0.12	4.60	5.15	-0.55
patient 9	8.73	4.35	4.38	6.94	3.07	3.87	4.55	1.59	2.96
patient 10	10.23	7.54	2.69	7.01	5.55	1.46	3.31	2.70	0.61
patient 11	10.99	6.60	4.39	8.82	4.72	4.10	5.72	2.64	3.08
patient 12	15.56	17.27	-1.71	11.80	12.52	-0.72	6.15	6.79	-0.64
patient 13	10.86	5.21	5.65	8.68	4.00	4.68	5.14	2.46	2.68
patient 14	10.94	11.39	-0.45	8.54	8.82	-0.28	5.12	4.92	0.20
patient 15	11.40	6.20	5.20	8.65	4.40	4.25	4.64	2.15	2.49

normality test: Shapiro-Wilk test

P value 0.76 0.25 0.18

significance test: Wilcoxon paired signed rank test

see table 1 for estimate, confidence interval, and P value

This section shows the bladder V70, V75, V80 (planning to prostate only)

	CTV70 (cc)	MR V70 (cc)	deltaV70	CTV75 (cc)	MR V75 (cc)	deltaV75	CTV80 (cc)	MR V80 (cc)	deltaV80
patient 1	8.50	9.25	-0.75	6.55	7.50	-0.95	4.09	5.24	-1.15
patient 2	11.26	7.38	3.88	9.28	6.05	3.23	6.92	4.51	2.41
patient 3	4.55	2.97	1.58	3.52	2.41	1.11	2.43	1.84	0.59
patient 4	10.43	6.83	3.60	8.78	5.50	3.28	6.87	3.87	3.00
patient 5	11.82	13.65	-1.83	9.44	10.89	-1.45	6.13	7.09	-0.96
patient 6	11.92	9.55	2.37	9.51	7.76	1.75	6.66	5.56	1.10
patient 7	26.03	16.40	9.63	20.54	13.42	7.12	14.90	10.10	4.80
patient 8	15.26	15.33	-0.07	12.56	12.65	-0.09	9.42	9.41	0.01
patient 9	12.66	7.94	4.72	10.20	6.49	3.71	7.39	4.53	2.86
patient 10	9.66	10.59	-0.93	7.45	8.50	-1.05	4.83	5.87	-1.04
patient 11	15.86	8.55	7.31	13.06	6.63	6.43	9.77	4.43	5.34
patient 12	14.18	11.21	2.97	11.43	9.11	2.32	7.66	6.29	1.37
patient 13	18.07	12.15	5.92	15.09	9.95	5.14	10.74	7.40	3.34
patient 14	12.66	8.74	3.92	10.50	7.08	3.42	7.90	4.68	3.22
patient 15	14.73	15.76	-1.03	11.92	12.84	-0.92	8.09	8.78	-0.69

normality test: Shapiro-Wilk test

P value 0.57 0.34 0.30

significance test: Wilcoxon paired signed rank test

see table 2 for estimate, confidence interval, and P value

This section shows the bladder V70, V75, V80 (planning to prostate + 1 cm SV)

	CTV70 (cc)	MR V70 (cc)	deltaV70	CTV75 (cc)	MR V75 (cc)	deltaV70	CTV80 (cc)	MR V80 (cc)	deltaV70
patient 1	10.80	8.44	2.36	8.37	6.78	1.59	5.27	4.64	0.63
patient 2	14.89	10.42	4.47	12.46	8.66	3.80	9.35	6.49	2.86
patient 3	7.71	4.81	2.90	6.06	3.76	2.30	4.03	2.69	1.34
patient 4	10.62	7.69	2.93	8.90	6.24	2.66	6.98	4.54	2.44
patient 5	16.50	13.83	2.67	13.19	11.00	2.19	9.00	7.19	1.81
patient 6	14.68	11.61	3.07	11.63	9.44	2.19	8.12	7.03	1.09
patient 7	28.34	17.20	11.14	22.88	14.10	8.78	17.07	10.63	6.44
patient 8	20.39	15.33	5.06	17.16	12.84	4.32	12.76	10.05	2.71
patient 9	14.90	9.02	5.88	12.09	7.52	4.57	8.80	5.69	3.11
patient 10	17.44	10.62	6.82	13.41	8.54	4.87	9.14	5.92	3.22
patient 11	17.94	9.85	8.09	14.62	7.76	6.86	10.86	5.47	5.39
patient 12	16.60	11.46	5.14	13.30	9.31	3.99	8.71	6.55	2.16
patient 13	20.89	13.48	7.41	17.62	11.35	6.27	13.32	8.93	4.39
patient 14	17.12	10.28	6.84	14.32	8.44	5.88	10.86	5.97	4.89
patient 15	16.27	18.07	-1.80	13.19	15.05	-1.86	9.13	11.02	-1.89

normality test: Shapiro-Wilk test

P value 0.82 0.91 0.95

significance test: Wilcoxon paired signed rank test

see table 2 for estimate, confidence interval, and P value

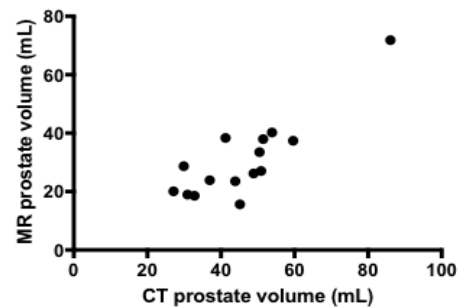
This section shows the prostate volumes (in cc) on CT and MRI

	CT prostate	MR prostate
patient 1	37.0	23.9
patient 2	29.9	28.7
patient 3	41.3	38.4
patient 4	59.6	37.4
patient 5	50.5	33.5
patient 6	31.0	19.0
patient 7	86.1	71.8
patient 8	51.5	38.0
patient 9	32.8	18.6
patient 10	53.9	40.2
patient 11	27.1	20.1
patient 12	50.9	27.1
patient 13	48.9	26.2
patient 14	45.2	15.6
patient 15	43.9	23.5
mean	46.0	30.8
standard deviation	14.8	13.9

normality test: Shapiro-Wilk test
P value 0.78

significance test: two-tailed paired student's t-test
P value <0.0001

correlation analysis: Pearson r
r 0.8539
95% confidence interval 0.6072 to 0.9504
R squared 0.7291
P value (two-tailed) <0.0001



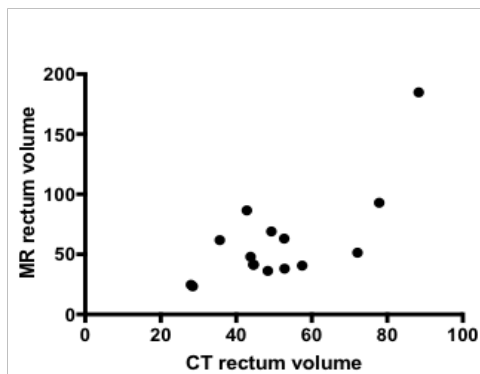
This section shows the rectal volumes (in cc) on CT and MRI

	CT rectum	MR rectum
patient 1	57.5	40.7
patient 2	52.7	63.1
patient 3	42.8	86.6
patient 4	44.6	41.3
patient 5	72.1	51.3
patient 6	28.0	24.6
patient 7	49.3	69.0
patient 8	77.9	92.9
patient 9	52.8	38.2
patient 10	88.4	184.7
patient 11	28.5	23.4
patient 12	43.8	47.9
patient 13	44.6	41.5
patient 14	35.7	61.9
patient 15	48.4	36.3
mean	51.1	60.2
standard deviation	17.1	40

normality test: Shapiro-Wilk Test
P value 0.005

significance test: Wilcoxon paired signed rank test
P value 0.52

correlation analysis: Spearman r
r 0.4786
95% confidence inte -0.06131 to 0.8018
P value (two-tailed) 0.0735



This section shows the volumes of the CT PTV3mm and the MR PTV5mm

ID	CT PTV3mm	MR PTV5mm	delta PTV
1	58.6	57.88	0.72
2	48.34	66.81	-18.47
3	64.73	81.34	-16.61
4	89.02	79.29	9.73
5	77.68	73.85	3.83
6	49.15	47.48	1.67
7	123.95	133.12	-9.17
8	78.95	81.94	-2.99
9	54.61	48.3	6.31
10	82.44	86.41	-3.97
11	45.06	50.17	-5.11
12	77.33	62.93	14.4
13	75.49	61.65	13.84
14	69.74	43.96	25.78
15	67.31	56.51	10.8
mean	70.83	68.78	2.05
standard deviation	19.94	22.54	12.02

normality test: Shapiro-Wilk test
P value 0.99

significance test: two-tailed paired student's t-test
P value 0.52

This section shows the MR PTV5mm overlap with CT PTV3mm

ID	%overlap	%outside
1	85%	15%
2	67%	33%
3	68%	32%
4	75%	25%
5	86%	14%
6	89%	11%
7	84%	16%
8	86%	14%
9	88%	12%
10	84%	16%
11	81%	19%
12	95%	5%
13	88%	12%
14	86%	14%
15	88%	12%
mean	83%	17%
standard deviation	7.69%	7.69%

This section shows the CT PTV3mm overlap with MR PTV5mm

ID	%overlap	%outside
1	84%	16%
2	92%	8%
3	86%	14%
4	67%	33%
5	82%	18%
6	86%	14%
7	90%	10%
8	89%	11%
9	77%	23%
10	88%	12%
11	90%	10%
12	77%	23%
13	72%	28%
14	54%	46%
15	74%	26%
mean	81%	19%
standard deviation	10.56%	10.56%

This section shows the MR PTV5mm extension outside CT PTV3mm by quadrant

ID	ant. base	post. base	ant. apex	post. apex
1	33%	35%	14%	18%
2	39%	16%	16%	29%
3	40%	15%	22%	23%
4	61%	32%	6%	1%
5	35%	43%	19%	3%
6	60%	35%	3%	2%
7	22%	35%	32%	10%
8	30%	27%	25%	18%
9	23%	42%	8%	26%
10	61%	17%	5%	16%
11	38%	12%	17%	32%
12	52%	39%	5%	5%
13	50%	39%	5%	6%
14	63%	35%	0%	1%
15	74%	21%	2%	3%
mean	46%	30%	12%	13%
standard deviation	16%	11%	10%	11%
normality test:	Shapiro-Wilk test			
P value	0.47	0.07	0.17	0.07

This section shows the CT PTV3mm extension outside MR PTV5mm by quadrant

ID	ant. base	post. base	ant. apex	post. apex
1	3%	28%	40%	29%
2	0%	74%	21%	4%
3	0%	85%	3%	12%
4	0%	39%	45%	16%
5	1%	15%	35%	50%
6	10%	6%	31%	53%
7	15%	50%	2%	34%
8	5%	42%	36%	17%
9	15%	22%	42%	21%
10	4%	42%	30%	23%
11	0%	38%	60%	2%
12	22%	24%	22%	32%
13	5%	22%	35%	38%
14	13%	17%	37%	33%
15	4%	12%	48%	36%
mean	7%	34%	32%	27%
standard deviation	7%	22%	16%	15%
normality test:	Shapiro-Wilk test			
P value	0.02	0.11	0.34	0.92

Comparison of means of % volume outside MR PTV5mm vs CT PTV3mm

	delta ant. base	delta post. base	delta ant. apex	delta post. apex
mean	39%	-5%	-20%	-14%
standard deviation	18%	30%	22%	24%
normality test:	Shapiro-Wilk test			
P value	0.85	0.08	0.05	0.76
significance test:	two-tailed paired student's t-test* or signed rank test**			
P value	<0.001*	0.55*	0.008**	0.048**

Model parameters

Rectum	EUD α value	TCDS0 [Gy]	gamma50
	-10	72	5

ref: AAPM TR166 and Radiother Oncol 2002;63:11e26

TCP for prostate CTV

Patient ID	parameter	pairwise comparison 1			pairwise comparison 2		
		CTopt CT_CT	CTopt MR_C	MRopt MR_CTV	CTopt MRI_CTV	MRopt MRI_CTV	delta (CT-MRI)
1	TCP [%]	91.1287	90.6685	90.5473	91.1287	90.5473	0.5814
2	TCP [%]	90.8582	90.8753	90.452	90.8582	90.452	0.4062
3	TCP [%]	91.124	91.0111	90.7841	91.124	90.7841	0.3399
4	TCP [%]	90.92	86.5949	92.388	90.92	92.388	-1.468
5	TCP [%]	91.0729	90.8408	90.4932	91.0729	90.4932	0.5797
6	TCP [%]	92.295	92.1397	94.5725	92.295	94.5725	-2.2775
7	TCP [%]	93.3643	93.1808	94.8057	93.3643	94.8057	-1.4414
8	TCP [%]	91.1633	90.8103	91.6609	91.1633	91.6609	-0.4976
9	TCP [%]	91.2193	90.8035	92.2241	91.2193	92.2241	-1.0048
10	TCP [%]	91.0084	90.7845	91.9838	91.0084	91.9838	-0.9754
11	TCP [%]	91.4509	91.1497	92.7137	91.4509	92.7137	-1.2628
12	TCP [%]	92.3345	91.8497	90.5404	92.3345	90.5404	1.7941
13	TCP [%]	91.2498	91.2784	92.3599	91.2498	92.3599	-1.1101
14	TCP [%]	93.0811	92.9601	92.0198	93.0811	92.0198	1.0613
15	TCP [%]	92.587	92.2965	90.9755	92.587	90.9755	1.6115
mean							-0.24423
median							-0.4976
standard deviation							1.23801
interquartile range							1.8442
normality test: Shapiro-Wilk test							p=0.4085
significance test: two-tailed paired student's t-test* or signed rank test**							p=0.4575*

p=0.0323

p=0.1688**

Model parameters

EUD α value	TD50 [Gy]	gamma50
8	76.9	4 and 8

ref: AAPM TR166 and Int J Radiat Oncol Biol Phys 2010;76(3 Suppl):S123e9

NTCP for rectum (Rx to prostate only and Rx to prostate + 1 cm SV)

Patient ID	parameter	CT	MRI	delta (CT-MRI)	parameter	CT (SV)	MRI (SV)	delta (CT-MRI)	parameter	CT	MRI	delta (CT-MRI)	parameter	CT (SV)	MRI (SV)	delta (CT-MRI)
1	NTCP [%] y5	0.0215468	0.143707	-0.12216	NTCP [%] y5	0.0499451	0.265035	-0.21509	NTCP [%] y5	1.4468	3.65495	-2.20815	NTCP [%] y5	2.18652	4.90228	-2.71576
2	NTCP [%] y5	0.0221564	0.0474333	-0.02528	NTCP [%] y5	0.113635	0.087425	0.02621	NTCP [%] y5	1.46683	2.13199	-0.66516	NTCP [%] y5	3.26284	2.87308	0.38976
3	NTCP [%] y5	0.0755005	0.0660177	0.00948	NTCP [%] y5	0.154709	0.119142	0.03557	NTCP [%] y5	2.67524	2.50583	0.16941	NTCP [%] y5	3.78727	3.33846	0.44881
4	NTCP [%] y5	0.278216	0.115152	0.16306	NTCP [%] y5	0.547285	0.162222	0.38506	NTCP [%] y5	5.01698	3.28387	1.73311	NTCP [%] y5	6.9059	3.87476	3.03114
5	NTCP [%] y5	0.074617	0.0205132	0.0541	NTCP [%] y5	0.121023	0.0869297	0.03409	NTCP [%] y5	2.65994	1.41216	1.24778	NTCP [%] y5	3.36385	2.86515	0.4987
6	NTCP [%] y5	0.0475116	0.122526	-0.07501	NTCP [%] y5	0.121523	0.578005	-0.45648	NTCP [%] y5	2.13371	3.38399	-1.25028	NTCP [%] y5	3.37057	7.08455	-3.71398
7	NTCP [%] y5	0.522454	0.246214	0.27624	NTCP [%] y5	0.980051	0.679045	0.30101	NTCP [%] y5	6.75734	4.73297	2.02437	NTCP [%] y5	9.04843	7.63706	1.41137
8	NTCP [%] y5	0.0401891	0.0349138	0.00528	NTCP [%] y5	0.063001	0.0760028	-0.013	NTCP [%] y5	1.96571	1.83456	0.13115	NTCP [%] y5	2.44929	2.68389	-0.2346
9	NTCP [%] y5	0.177199	0.132911	0.04429	NTCP [%] y5	0.588484	0.63897	-0.05049	NTCP [%] y5	4.0429	3.51972	0.52318	NTCP [%] y5	7.14427	7.42388	-0.27961
10	NTCP [%] y5	0.153662	0.0126198	0.14104	NTCP [%] y5	0.213644	0.0353609	0.17828	NTCP [%] y5	3.77491	1.11097	2.66394	NTCP [%] y5	4.42247	1.84606	2.57641
11	NTCP [%] y5	0.0749298	0.488852	-0.41392	NTCP [%] y5	0.141194	0.646128	-0.50493	NTCP [%] y5	2.66537	6.54987	-3.8845	NTCP [%] y5	3.62396	7.4625	-3.83854
12	NTCP [%] y5	0.148223	0.0293972	0.11883	NTCP [%] y5	0.484653	0.156629	0.32802	NTCP [%] y5	3.70989	1.6859	2.02399	NTCP [%] y5	6.52339	3.80984	2.71355
13	NTCP [%] y5	0.141861	0.0403511	0.10151	NTCP [%] y5	0.181307	0.131498	0.04981	NTCP [%] y5	3.63221	1.96959	1.66262	NTCP [%] y5	4.08767	3.50159	0.58608
14	NTCP [%] y5	0.320052	0.0454292	0.27462	NTCP [%] y5	0.60251	0.140795	0.46172	NTCP [%] y5	5.36253	2.0874	3.27513	NTCP [%] y5	7.22326	3.61903	3.60423
15	NTCP [%] y5	0.186822	0.0443328	0.14249	NTCP [%] y5	0.342394	0.100389	0.24201	NTCP [%] y5	4.14692	2.06256	2.08436	NTCP [%] y5	5.53694	3.07262	2.46432
mean				0.0463				0.05345				0.63539				0.46279
standard deviation				0.17078				0.28348				1.96253				2.3605
normality test: Shapiro-Wilk test				p=0.1154				p=0.3344				p=0.2659				p=0.1247
significance test: two-tailed paired student's t-test				p=0.3114				p=0.4473				p=0.2304				p=0.4603

Patient #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<u>CTV volume</u>															
MR prostate	23.9	28.69	38.38	37.4	33.52	18.98	71.81	37.95	18.57	40.21	20.08	27.08	26.2	15.62	23.52
MR prostate+1cmSV	27.12	30.62	41.39	42.14	37.62	21.72	76.22	42.76	21.22	43.52	24.01	29.25	28.62	17.69	26.5
MR prostate/SV	29.83	37.86	47.27	46.82	43.73	23.19	83.17	43.42	24.13	45.32	29.27	36.86	30.49	21.3	29.46
CT prostate	36.97	29.91	41.27	59.62	50.5	30.96	86.09	51.48	32.84	53.88	27.1	50.94	48.88	45.19	43.88
CT prostate+1cmSV	40.49	39.27	46.29	65.39	56.71	34.84	92.83	57.4	38.78	60.06	32.62	55.25	50.85	52.41	48.09
CT prostate/SV	42.84	43.03	50.31	68.56	64.4	43.16	101.48	58.2	43.92	62.82	41.42	65.28	51.75	58.63	52.29
<u>CTV+5mm volume</u>															
MR prostate	57.88	66.81	81.34	79.29	73.85	47.48	133.12	81.94	48.3	86.41	50.17	62.93	61.65	43.96	56.51
MR prostate+1cmSV	61.86	71.45	87.76	90.48	87.27	56.79	145.75	96.25	58.2	96.86	59.72	74.88	71.22	51.4	65.2
MR prostate/SV	71.45	96.19	109.78	104.02	108.51	64.14	167	99.05	73.17	106.53	77.61	101.07	81.3	68.65	78.65
CT prostate	80.45	68.49	90.83	120.02	104.62	67.65	162.6	107.06	77.05	111.2	64.74	104.06	102.64	94.26	90.96
CT prostate+1cmSV	90.51	94.92	104.01	133.82	121.33	78.71	180.38	122.31	94.14	127.25	79.13	119.29	111.16	113.34	104.67
CT prostate/SV	99.3	104.56	115.59	143.81	143.88	104.17	203.77	124.73	114.15	136.56	105.33	145.78	114.73	133.56	122.66
<u>CTV+3mm volume</u>															
MR prostate	40.27	47.35	59.49	57.83	53.17	32.86	102.08	59.46	32.85	63.33	34.16	44.45	43.11	31.52	39.26
MR prostate+1cmSV	42.66	50.78	64.16	65.51	61.88	38.99	110.38	68.59	38.69	70.17	40.96	50.92	48.63	36.37	45.07
MR prostate/SV	48.76	67.06	77.39	74.27	75.79	43.2	124.14	70.24	47.36	75.54	52.34	67.25	54.05	46.94	52.91
CT prostate	58.6	48.34	64.73	89.02	77.68	49.15	123.95	78.95	54.61	82.44	45.06	77.33	75.49	69.74	67.31
CT prostate+1cmSV	65.54	65.9	73.72	98.73	89.38	56.83	135.63	89.71	65.64	93.86	54.79	86.77	80.4	82.57	76.09
CT prostate/SV	70.99	72.59	81.67	105.34	104.65	74.2	151.63	91.34	78.24	100.24	72.62	104.9	82.58	178.29	86.93
<u>MR PTV5mm - CT PTV3mm (i.e. how much and where does the MR PTV extend outside the CT PTV)</u>															
prostate MR PTV5mm	8.86	22.21	25.85	19.96	10.32	5	21.51	11.64	6.01	14.22	9.43	3.46	7.44	6.37	6.52
%outside	15%	33%	32%	25%	14%	11%	16%	14%	12%	16%	19%	5%	12%	14%	12%
%overlap	85%	67%	68%	75%	86%	89%	84%	86%	88%	84%	81%	95%	88%	86%	88%
ant. base	2.88	8.71	10.34	12.16	3.6	2.98	4.83	3.51	1.41	8.74	3.62	1.81	3.73	4.03	4.81
post. base	3.13	3.55	3.84	6.39	4.46	1.76	7.49	3.11	2.51	2.48	1.15	1.34	2.91	2.25	1.36
ant. apex	1.27	3.53	5.71	1.27	1.94	0.15	6.98	2.94	0.5	0.7	1.65	0.16	0.34	0.02	0.13
post. apex	1.58	6.42	5.96	0.14	0.31	0.11	2.21	2.08	1.58	2.31	3	0.16	0.46	0.07	0.22
%ant. base	33%	39%	40%	61%	35%	60%	22%	30%	23%	61%	38%	52%	50%	63%	74%
%post. base	35%	16%	15%	32%	43%	35%	35%	27%	42%	17%	12%	39%	39%	35%	21%
%ant. apex	14%	16%	22%	6%	19%	3%	32%	25%	8%	5%	17%	5%	5%	0%	2%
%post. apex	18%	29%	23%	1%	3%	2%	10%	18%	26%	16%	32%	5%	6%	1%	3%
prostate+1cmSV MR	10.21	22.26	29.51	21.3	13.74	7.96	24.91	15.85	8.03	15.45	11.06	6.42	11.47	10.05	9.36
prostate/SV MR PTV5mm	14.4	40.03	40.69	27.09	25.32	9.47	34.81	16.76	11.75	20.75	16.48	15.5	19.15	5.74	15.88
<u>CT PTV3mm - MR PTV5mm (i.e. how much and where does the CT PTV extend outside the MR PTV)</u>															
prostate CT PTV3mm	9.59	3.74	9.24	29.7	14.14	6.67	12.34	8.65	12.31	10.26	4.31	17.87	21.28	32.15	17.32
%outside	16%	8%	14%	33%	18%	14%	10%	11%	23%	12%	10%	23%	28%	46%	26%
%overlap	84%	92%	86%	67%	82%	86%	90%	89%	77%	88%	90%	77%	72%	54%	74%
ant. base	0.26	0	0.01	0.12	0.08	0.64	1.89	0.41	1.89	0.45	0	3.96	1.11	4.3	0.67
post. base	2.72	2.78	7.85	11.5	2.17	0.4	6.11	3.64	2.66	4.28	1.65	4.27	4.67	5.42	2.13
ant. apex	3.85	0.8	0.27	13.46	4.89	2.07	0.19	3.15	5.17	3.12	2.59	4	7.36	11.81	8.29
post. apex	2.76	0.16	1.12	4.62	7	3.56	4.16	1.44	2.6	2.41	0.08	5.64	8.15	10.62	6.24
%ant. base	3%	0%	0%	0%	1%	10%	15%	5%	15%	4%	0%	22%	5%	13%	4%
%post. base	28%	74%	85%	39%	15%	6%	50%	42%	22%	42%	38%	24%	22%	17%	12%
%ant. apex	40%	21%	3%	45%	35%	31%	2%	36%	42%	30%	60%	22%	35%	37%	48%
%post. apex	29%	4%	12%	16%	50%	53%	34%	17%	21%	23%	2%	32%	38%	33%	36%
prostate+1cmSV CT PTV3mm	13.89	16.71	15.48	29.55	15.85	7.99	14.79	9.31	15.48	12.46	6.12	18.3	20.65	41.22	20.25
prostate/SV CT PTV3mm	13.95	16.43	12.58	28.4	21.47	19.53	19.45	9.05	16.82	14.45	11.49	19.34	20.42	115.38	24.16