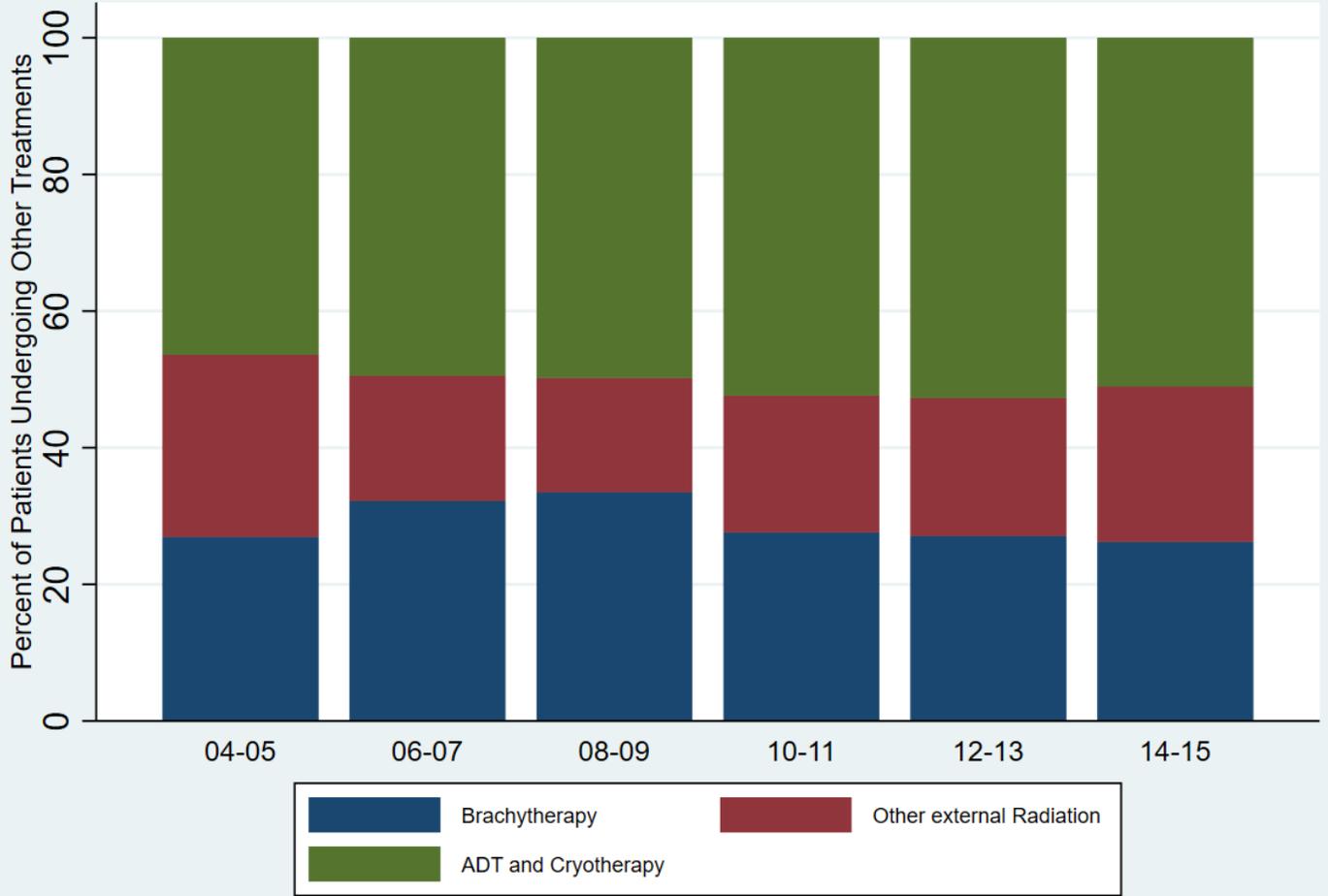


Supplementary Figure 1: Trends of other treatments of new localized prostate cancer, SEER-Medicare, 2004-2015



Supplementary Table 6: Estimated probabilities of treatments for localized prostate cancer with NCCN intermediate risk by age and race group					
		Prostatectomy	IMRT	AS	No Treatment
Age Group 66-74	2004-2005	0.284[0.28,0.29]	0.137[0.13,0.14]	0.145[0.14,0.15]	0.074[0.07,0.08]
	2006-2007	0.302[0.29,0.31]	0.185[0.18,0.19]	0.152[0.15,0.16]	0.071[0.07,0.07]
	2008-2009	0.298[0.29,0.31]	0.219[0.21,0.23]	0.176[0.17,0.18]	0.070[0.07,0.07]
	2010-2011	0.292[0.28,0.30]	0.254[0.25,0.26]	0.194[0.19,0.20]	0.065[0.06,0.07]
	2012-2013	0.264[0.26,0.27]	0.267[0.26,0.28]	0.225[0.22,0.23]	0.070[0.07,0.07]
	2014-2015	0.260[0.25,0.27]	0.249[0.24,0.26]	0.239[0.23,0.25]	0.091[0.09,0.10]
Age Group 75+	2004-2005	0.051[0.05,0.05]	0.154[0.15,0.16]	0.230[0.22,0.24]	0.093[0.09,0.10]
	2006-2007	0.056[0.05,0.06]	0.213[0.21,0.22]	0.248[0.24,0.25]	0.092[0.09,0.10]
	2008-2009	0.055[0.05,0.06]	0.252[0.24,0.26]	0.286[0.28,0.29]	0.090[0.09,0.09]
	2010-2011	0.053[0.05,0.06]	0.290[0.28,0.30]	0.314[0.30,0.32]	0.084[0.08,0.09]
	2012-2013	0.046[0.04,0.05]	0.295[0.29,0.30]	0.349[0.34,0.36]	0.087[0.08,0.09]
	2014-2015	0.045[0.04,0.05]	0.271[0.26,0.28]	0.367[0.36,0.38]	0.111[0.10,0.12]
Number of Cases		96,034	96,034	96,034	96,034
Non-Hispanic Black	2004-2005	0.134[0.13,0.14]	0.158[0.15,0.17]	0.171[0.16,0.18]	0.120[0.11,0.13]
	2006-2007	0.147[0.14,0.16]	0.215[0.21,0.23]	0.180[0.17,0.19]	0.117[0.11,0.12]
	2008-2009	0.153[0.14,0.16]	0.254[0.24,0.26]	0.205[0.19,0.21]	0.114[0.11,0.12]
	2010-2011	0.153[0.14,0.16]	0.292[0.28,0.30]	0.224[0.21,0.23]	0.106[0.10,0.11]
	2012-2013	0.141[0.13,0.15]	0.302[0.29,0.31]	0.252[0.24,0.26]	0.109[0.10,0.12]
	2014-2015	0.140[0.13,0.15]	0.278[0.27,0.29]	0.264[0.25,0.28]	0.137[0.13,0.15]
Non-Hispanic White	2004-2005	0.183[0.18,0.19]	0.142[0.14,0.15]	0.187[0.18,0.19]	0.076[0.07,0.08]
	2006-2007	0.200[0.19,0.21]	0.195[0.19,0.20]	0.197[0.19,0.20]	0.074[0.07,0.08]
	2008-2009	0.208[0.20,0.21]	0.229[0.22,0.23]	0.223[0.22,0.23]	0.072[0.07,0.08]
	2010-2011	0.208[0.20,0.21]	0.263[0.26,0.27]	0.244[0.24,0.25]	0.066[0.06,0.07]
	2012-2013	0.193[0.19,0.20]	0.272[0.26,0.28]	0.274[0.27,0.28]	0.070[0.07,0.07]
	2014-2015	0.193[0.19,0.20]	0.252[0.24,0.26]	0.289[0.28,0.30]	0.090[0.09,0.09]
Number of Cases		89,751	89,751	89,751	89,751

Supplementary Table 7: Percent of patients with Gleason score 6 or below by year and stratified by age group

Year	Percent of patients with GS≤6	Age Group	Percent of patients with GS≤6 by age group
2004-2005	47.77%	66-74	51.77%
		75+	43.15%
2006-2007	44.10%	66-74	47.29%
		75+	40.21%
2008-2009	41.24%	66-74	44.04%
		75+	37.24%
2010-2011	39.79%	66-74	44.74%
		75+	32.31%
2012-2013	36.49%	66-74	40.54%
		75+	29.65%
2014-2015	32.11%	66-74	36.33%
		75+	24.72%