

Supplementary Table: Multivariable regression analysis of clinical based nomograms with mpMRI results for EPE, SVI and LNI at RP

<b>OCD</b>				
Variables	Sbx Partin Table		Sbx MSKCC Nomogram	
	OR (95% CI)	P value	OR	P value
Nomogram using Sbx per % change	1.02 (1.01-1.03)	<0.001*	1.03 (1.01-1.04)	<0.001*
<b>mpMRI findings</b>				
NIH Suspicion Score				
Low				
Intermediate	2.16 (0.63-7.41)	0.839	2.32 (0.67-7.99)	0.183
High	0.94 (0.27-3.30)	0.918	0.94 (0.27-3.30)	0.917
EPE	0.37 (0.19-0.71)	0.003*	0.35 (0.19-0.68)	0.002*
SVI	0.32 (0.11-0.95)	0.040*	0.33 (0.07-0.91)	0.052
Largest Lesion Diameter, cm	0.64 (0.42-0.99)	0.046*	0.63 (0.41-0.98)	0.039*
<b>EPE</b>				
Nomogram using Sbx per % change	1.04 (1.01-1.06)	0.001*	1.03 (1.01-1.04)	<0.001*
<b>mpMRI findings</b>				
NIH Suspicion Score				
Low				
Intermediate	0.43 (0.12-1.52)	0.190	0.38 (0.11-1.31)	0.126
High	0.67 (0.18-2.41)	0.536	0.66 (0.19-2.36)	0.527
EPE	3.06 (1.59-5.87)	0.001*	2.75 (1.43-5.31)	0.003*
SVI	1.68 (0.55-5.11)	0.360	1.70 (0.55-5.24)	0.360
Largest Lesion Diameter, cm	2.33 (1.48-3.65)	<0.001*	2.07 (1.32-3.24)	0.001*
<b>SVI</b>				
Nomogram using Sbx per % change	1.05 (1.01-1.09)	0.021*	1.05 (1.03-1.08)	<0.001*
<b>mpMRI findings</b>				
NIH Suspicion Score				
Low				
Intermediate	0.14 (0.02-1.14)	0.066	0.12 (0.02-0.97)	0.047*
High	0.59 (0.09-3.88)	0.582	0.50 (0.08-3.33)	0.474
EPE	1.70 (0.61-4.72)	0.313	1.51 (0.51-4.44)	0.453
SVI	28.1 (8.65-91.29)	<0.001*	35.86 (10.48-122.68)	<0.001*
Largest Lesion Diameter, cm	1.39 (0.76-2.55)	0.289*	1.15 (0.61-2.17)	0.654
<b>LNI</b>				
Nomogram using Sbx per % change	1.09 (1.03-1.15)	0.002*	1.03 (1.00-1.05)	0.036*
<b>mpMRI findings</b>				
NIH Suspicion Score				
Low				
Intermediate	0.13 (0.01-1.67)	0.117	0.15 (0.01- 1.81)	0.136
High	0.51 (0.05-4.88)	0.556	0.54 (0.06- 5.09)	0.588
EPE	2.80 ( 1.05- 7.50)	0.040*	2.54 (0.95- 6.77)	0.062
SVI	3.24 (0.94- 11.21)	0.063	2.66 (0.74-9.52)	0.132
Largest Lesion Diameter, cm	2.10 (1.64- 6.82)	0.017*	2.09 (1.17-3.76)	0.013*

\* significant at p<0.05