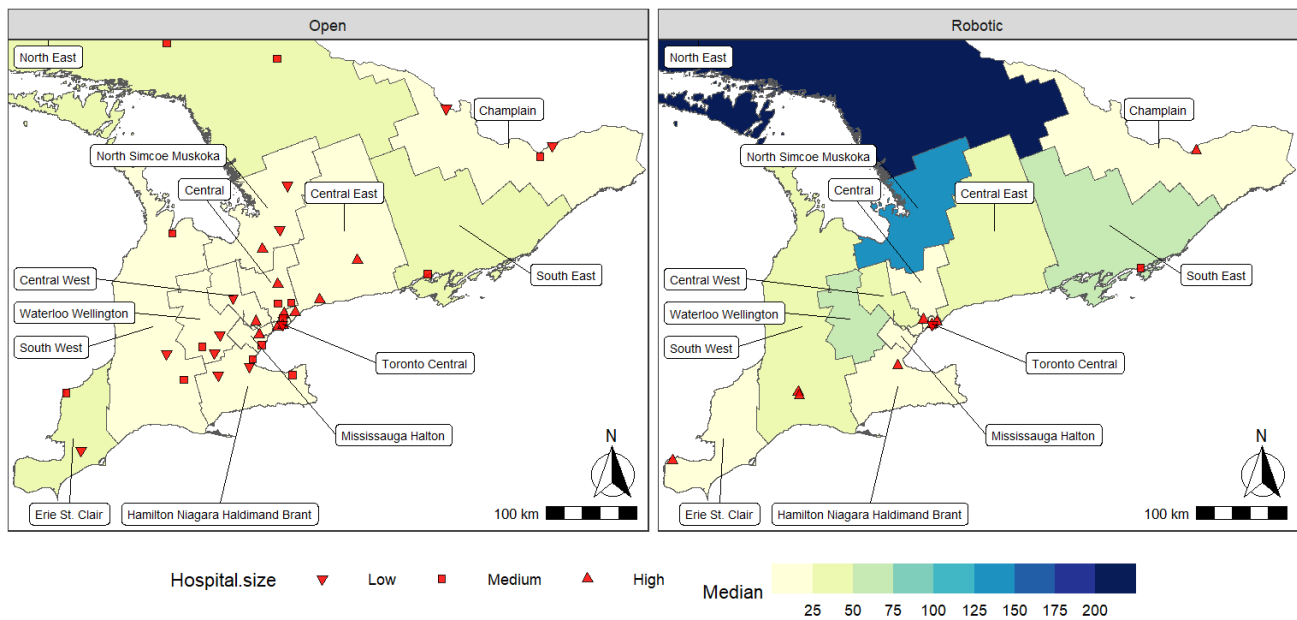
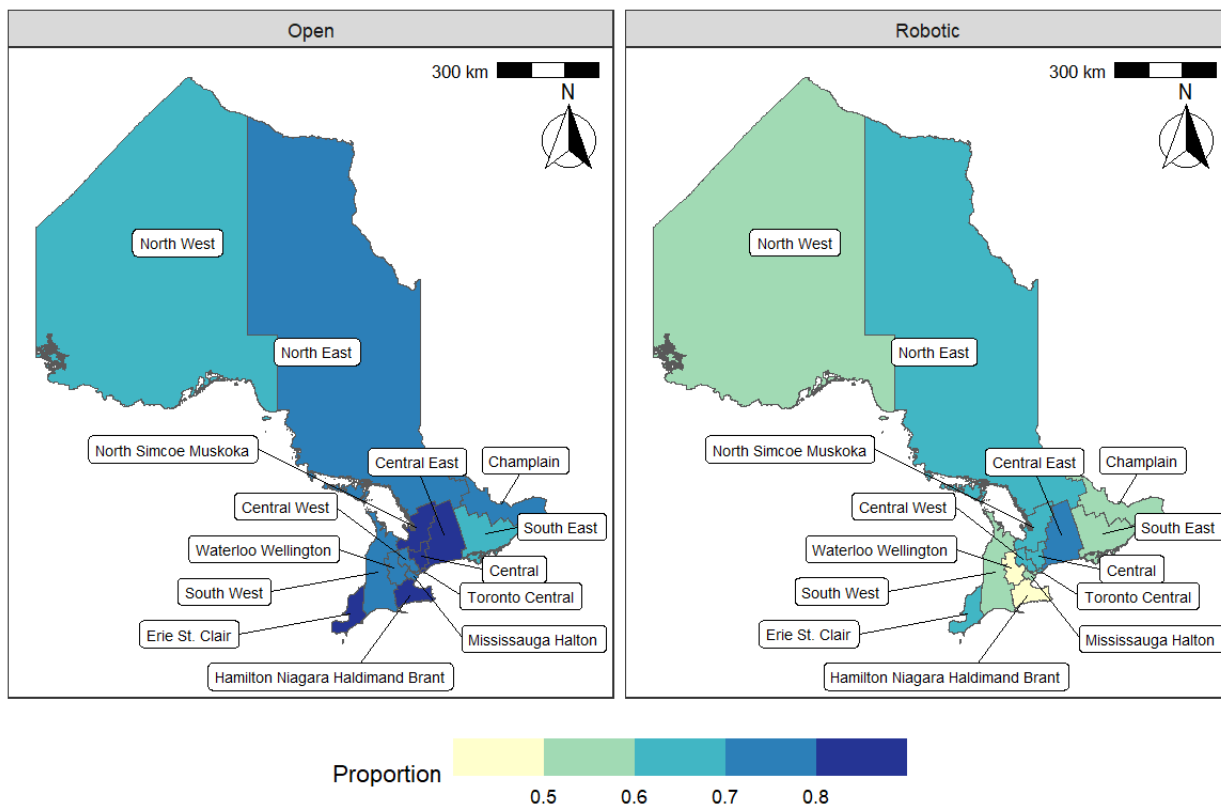


*Hird et al. Perioperative and oncologic outcomes with robotic vs. open radical prostatectomy:
A population-based study in Ontario, Canada*

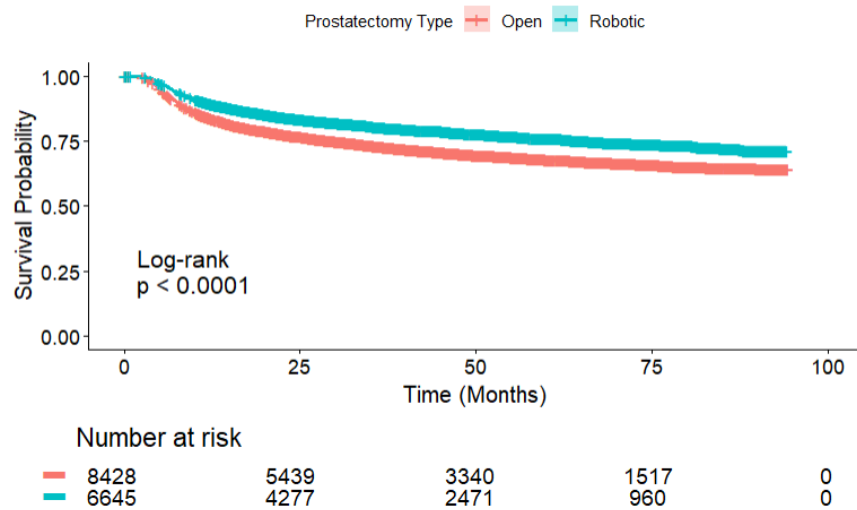
Supplementary Figure 1. Median distance traveled (km) by RCP of residence. Northwest region is not included for visualization purposes.



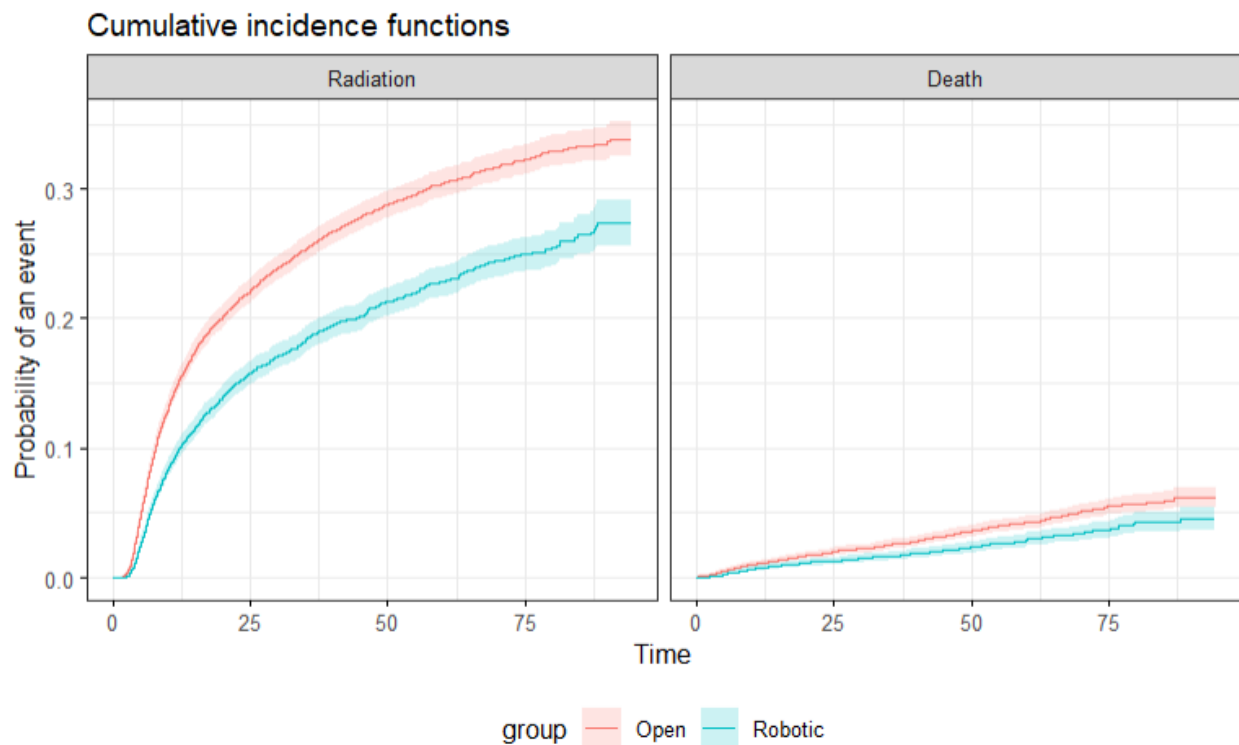
Supplementary Figure 2. Proportion meeting wait time target.



Supplementary Figure 3. Kaplan-Meier curve of time to radiation treatment post-surgery by prostatectomy type.



Supplementary Figure 4. Cumulative incidence functions for the competing risks model, with the probability of salvage radiation treatment on the left and probability of death on the right.



*Hird et al. Perioperative and oncologic outcomes with robotic vs. open radical prostatectomy:
A population-based study in Ontario, Canada*

Supplementary Table 1. Survival analysis of time to radiation treatment post-surgery for patients receiving RARP surgery vs. ORP					
Time to radiation	N	Crude hazards ratio (95% CI)	p	Adjusted hazards ratio (95% CI)*	p
RARP vs. ORP	15 073	0.70 (0.66, 0.75)	<0.001	0.65 (0.59, 0.72)	<0.001

* Adjusting for pathological stage, grade group, surgeon volume, Charlson comorbidity index, age at surgery, fiscal year of surgery, and RCP of surgery.

Supplementary Table 2. Type of surgical re-operation 31 days to 18 months after initial prostatectomy.				
Variables	Total (n=2043)	Open (n=1922)	Robotic (n=121)	p
Surgical procedure, n (%)				<0.001
Bladder neck dilation	449 (21.7)	438 (22.5)	11 (9.0)	
Bladder neck incision	549 (26.6)	525 (27.0)	24 (19.7)	
Urethral dilation	936 (45.3)	861 (44.3)	75 (61.5)	
Urethral dilation and urethrotomy	16 (0.8)	16 (0.8)		
Urethrotomy	93 (4.5)	82 (4.2)	11 (9.0)	

*Hird et al. Perioperative and oncologic outcomes with robotic vs. open radical prostatectomy:
A population-based study in Ontario, Canada*

Supplementary Table 3. List of CCI and OHIP codes used to define types of surgical procedures considered for re-operation 31 days to 18 months post-prostatectomy	
CCI/OHIP code	Category
1PL50BAAG	Bladder neck incision
1PL50BABD	Bladder neck dilation
1PL50BABJ	Bladder neck dilation
1PL50BAGX	Bladder neck dilation
1PL50CRBD	Bladder neck dilation and incision
1PQ50BA	Urethral dilation
1PQ50BAAG	Urethrotomy
1PQ50BABD	Urethral dilation
1PQ50BABJ	Urethral dilation
1PQ50BABP	Urethral dilation
1PQ50BTBP	Urethral dilation and urethrotomy
1PQ50CA	Urethrotomy
1PQ50CAAG	Urethrotomy
1PQ50CABD	Urethral dilation
1PQ50CABJ	Urethral dilation
1PQ50CABP	Urethral Dilation
E787	Bladder neck incision
S532	Urethrotomy
Z612	Urethral dilation
Z615	Urethral dilation
Z619	Urethral dilation
Z621	Urethral dilation