

## Supplementary Document IV – distribution of clinical parameters in synthetic dataset

<i>Parameter name</i>	<i>EBRT (SD)</i>	<i>RP (SD)</i>	<i>P</i>
Age (years)	63.8 (10.7)	58.8 (9.1)	<<0.001
PSA (ng/mL)	8.3 (3.5)	6.8 (3.5)	<<0.001
BMI (kg/m <sup>2</sup> )	27.9 (2.9)	28.0 (3.0)	0.81
T-stage 2 (%)	48.7	24.4	<<0.001
neg. biopsy cores (N)	3.7 (1.8)	4.8 (1.8)	<<0.001
pos. biopsy cores (N)	3.5 (1.7)	2.7 (1.4)	<<0.001
P. Gleason grade 4 (%)	27.1	3.3	<<0.001
S. Gleason grade 4 (%)	14.7	20.9	0.01
ADT given (%)	79.7	0	0.72
ADT length (months)	9.4 (16.7)	0	<<0.001
ASA score >II (%)	86.2	78.9	0.003
Nerve sparing (%)	12.4	27.5	0.001
Abdominal surgery (%)	6.4	11.6	0.005
HRQOL (%)	82.9 (12.3)	76.9 (14.6)	<<0.001
Membranous urethra length (mm)	11.8 (3.0)	12.1 (2.8)	0.04
Mean Trigone dose (Gy)	67.2 (6.0)	68.4 (5.7)	0.001
V75 rectum (%)	3.8 (3.9)	4.5 (4.6)	0.008

EBRT: external beam radiotherapy; RP: radical prostatectomy; SD: standard deviation; PSA: prostate specific antigen; BMI: body mass index; T-stage: Tumor stage; N neg.: number of negative; N pos.: number of positive; P.: Primary; S.: Secondary; ADT: androgen deprivation therapy; ASA: American Society of Anesthesiologists; PN: Pelvic nodes; HRQOL: sexual health-related quality of life; V75: percentage receiving at least 75 Gray; Gy = Gray