**Supplementary Table S1.** Descriptive characteristics of 114 non-metastatic prostate cancer patients treated with robot-assisted radical prostatectomy, after propensity score matching 1:1 according to: age at diagnosis, iPSA, pT-stage and postoperative ISUP score.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Overall cohort (n 114)**‡ | **aRT (n 57)**‡ | **No-aRT/esRT (n 57)**‡ | **p-value** |
| **Age at diagnosis** | Median | 65 | 64 | 66 | 0.3 |
|  | Interquartile range | 61-69 | 60-69 | 63-69 |  |
| **iPSA** | Median | 8.7 | 10.0 | 8.2 | 0.5 |
|  | Interquartile range | 6.0-13.9 | 6.0-16.0 | 6.0-12.9 |  |
| **pT-stage** | 2 | 9 (7.9) | 5 (8.8) | 4 (7.0) | 0.5 |
|  | 3a | 51 (44.7) | 28 (49.1) | 23 (40.4) |  |
|  | 3b | 54 (47.4) | 24 (42.1) | 30 (52.6) |  |
| **Postoperative ISUP score** | 2 | 57 (50.0) | 28 (49.1) | 29 (50.9) | 0.9 |
|  | 3 | 18 (15.8) | 9 (15.8) | 9 (15.8) |  |
|  | 4 | 15 (13.2) | 7 (12.3) | 8 (14.0) |  |
|  | 5 | 24 (21.1) | 13 (22.8) | 11 (19.3) |  |

Note: the population was stratified according to management strategies: aRT vs. no-aRT/esRT; ‡column percentage

Abbreviations: aRT-adjuvant radiotherapy; esRT-early salvage radiotherapy; iPSA-initial PSA