## APPENDIX A. Supplementary data



Supplementary Fig. S1 Participating centres. A: \% clusters of patients stratified according to tumour size. B: number of database patients per participating centre.


Supplementary Fig. S2 Landmark analysis of annual risk of isolated pelvic recurrence following surgery. N/A: not analysed.

Supplementary Table S1
Cumulative incidence of recurrences

| Time <br> since <br> surgery | No. of observed <br> recurrences (cumulative) | Probability of recurrence <br> (Kaplan-Meier estimate) | Cumulative proportion of <br> recurrences <br> (based on K-M estimate) |
| :---: | :---: | :---: | :---: |
| 1 year | 176 | 0.041 | $25.6 \%$ |
| 2 years | 331 | 0.077 | $48.4 \%$ |
| 3 years | 419 | 0.100 | $62.9 \%$ |
| 4 years | 464 | 0.114 | $71.9 \%$ |
| 5 years | 488 | 0.123 | $77.7 \%$ |
| 6 years | 505 | 0.132 | $83.6 \%$ |
| 7 years | 512 | 0.138 | $87.1 \%$ |
| 8 years | 522 | 0.149 | $94.2 \%$ |
| 9 years | 526 | 0.156 | $98.3 \%$ |
| 10 years | 527 | 0.158 | $100.0 \%$ |

Supplementary Table S2
Univariate analysis of factors associated with disease-free survival/ Annual probability of recurrence according to the respective factor.


* Univariable analysis of LVSI showed that records with missing LVSI variable were not significantly differing from LVSI negative patients (HR 1.14 ( $95 \%$ CI:
$0.70 ; 1.85$ ); $p=0.596$ ) and were therefore pooled together.
LN: lymph node; LVSI: lymphovascular space invasion; MIS: minimally invasive surgery (laparoscopic, robotic, combined)


## Supplementary Table S3

Presence of symptoms at the time of recurrence diagnosis and recurrence localization according to the risk group

|  | No. of patients | No. of recurrences | Presence of symptoms <br> (all patients) |  | Localization of recurrence |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Asymptomatic | Symptomatic | Pelvic | Distant |  |
| Combined |  |  |  |  |  |  |
| 0 points | 213 | $4^{*}(2 \%)$ | $1(50 \%)$ | $1(50 \%)$ | $3(75 \%)$ | $0(0 \%)$ |
| $1-25$ points | 1844 | $97^{*}(5 \%)$ | $40(47 \%)$ | $45(53 \%)$ | $51(53 \%)$ | $21(22 \%)$ |
| $26-50$ points | 1899 | $284^{*}(15 \%)$ | $109(45 \%)$ | $135(55 \%)$ | $142(51 \%)$ | $74(27 \%)$ |
| $51-75$ points | 374 | $131^{*}(35.0 \%)$ | $37(31 \%)$ | $82(69 \%)$ | $40(32 \%)$ | $50(39 \%)$ |
| $76-100$ points | 13 | $12(92 \%)$ | $2(17 \%)$ | $10(83 \%)$ | $4(33 \%)$ | $4(33 \%)$ |

Chi-squared Test for Trend in Proportions in presence of symptoms: $P=0.003$. Chi-squared Test for Trend in Proportions in localization: pelvic $P<0.001$; distant $P=0.002$; combined $P=0.370$.
*Some recurrences are of unknown type/ presence of symptoms.

