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| Table 2: Univariable and Multivariable Analyses of Clinically Relevant and Significant Variables and Acute Postoperative Urinary Retention | | | | |
| **Preoperative Variable** | **Acute POUR**  **Unadjusted OR [95% CI]** | **p value** | **Acute POUR**  **Adjusted OR [95% CI]** | **p value** |
| **Age ≥ 70** | 1.39 [1.17– 1.64] | **<0.001** | 1.02[0.83 – 1.26] | 0.841 |
| **Body mass index** | 0.97 [0.95 – 0.99] | **<0.001** | 0.97 [0.95 – 0.99] | **0.005** |
| **Parity\*** | 1.07 [1.00 – 1.14] | **0.038** |  |  |
| **Charlson Comorbidity Index\*** | 1.10 [1.03-1.17] | **0.004** |  |  |
| **Prior Prolapse Surgery \*** | 0.72 [0.56-0.93] | **0.010** |  |  |
| **Vaginal approach** | 2.62[ 2.15- 3.19] | **<0.001** | 3.16 [2.44 – 4.09] | **<0.001** |
| **Concomitant hysterectomy** | 1.48 [1.26 – 1.75] | **<0.001** | 2.05 [1.66 – 2.54] | **<0.001** |
| **Concomitant Incontinence Surgery** | 1.39 [1.03-1.87] | **0.027** | 1.74 [1.19- 2.54] | **0.004** |
| **Estimated blood loss** | 1.003[1.002 – 1.005] | **<0.001** | 1.002 [1.001 – 1.003] | **0.003** |
| POUR: Postoperative urinary retention; OR: Odds ratio; CI: Confidence interval  Bolded values are significant (p<0.05).  \*Data not significant in multivariate backwards regression model due to p >0.10 | | | | |