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| **Table 2: Risk Factors for Positive Surgical Margins: Univariate Analysis** |
| **Sub-analysis group** | **Risk factor** | **% (count) w/ pos. margins**  | **RR (95% CI)** | ***p*-value** |
| **All STS** | pT1+pT2 vs. pT3+pT4 | 36.30% (53) vs. 16.00% (12) | 2.27 (1.29 - 3.98) | 0.0017 |
| G1 vs. G2+G3 | 43.75% (14) vs. 26.63% (49) | 1.64 (1.04 - 2.60) | 0.0492 |
| UE vs. non-UE | 42.67% (20) vs. 26.74% (46) | 1.56 (1.03 - 2.36) | 0.0461 |
| **UE** | G1 vs. G2+G3 | 87.50% (7) vs. 30.77% (12) | 2.84 (1.66 - 4.87) | 0.0029 |
| pT1+pT2 vs. pT3+pT4 | 50.00% (18) vs. 30.77% (12) | 5.50 (0.83 - 36.67) | 0.0155 |
| **Non-UE** | G1 vs. G2+G3 | 30.43% (7) vs. 26.24% (37) | 1.16 (0.59 – 2.28) | 0.6738 |
| pT1+pT2 vs. pT3+pT4 | 32.41% (35) vs. 18.03% (11) | 1.80 (0.99 – 3.28) | 0.0438 |
| **G2+G3**  | pT1+pT2 vs. pT3+pT4 | 32.74% (37) vs. 15.94% (11) | 2.05 (1.12 - 3.75) | 0.0126 |
| UE vs. non-UE | 30.77% (12) vs. 26.24% (37) | 1.17 (0.68 – 2.02) | 0.5739 |
| **G1** | pT1+pT2 vs. pT3+pT4 | 48.15% (13) vs. 25.00% (1) | 1.93 (0.34 – 10.99) | 0.3853 |
| UE vs. non-UE | 87.5% (7) vs. 30.43% (7) | 2.88 (1.47 – 5.62) | 0.0052 |
| **pT1+pT2** | G1 vs. G2+G3 | 48.15% (13) vs. 32.74% (37) | 1.47 (0.92 – 2.36) | 0.1334 |
| UE vs. non-UE | 50% (18) vs. 32.41% (35) | 1.54 (1.01 – 2.36) | 0.0580 |
| **pT3+pT4** | G1 vs. G2+G3 | 25% (1) vs. 15.94% (11) | 1.57 (0.26 – 9.32) | 0.6346 |
| UE vs. non-UE | 9.09% (1) vs. 18.03% (11) | 1.11 (0.89 – 1.38) | 0.4639 |