

**Supplementary Table 1** Clavien-Dindo classification indicating postoperative complications. Patients were stratified according their PD-L1 expression within the tumour.

|                              | All patients |        | no PD-L1  | PD-L1     | p-value | no PD-L1  | PD-L1     | p-value |
|------------------------------|--------------|--------|-----------|-----------|---------|-----------|-----------|---------|
|                              | n            | (%)    | n (%)     | n (%)     |         |           |           |         |
| Clavien-Dindo classification |              |        |           |           | 0.207   |           |           | 0.467   |
| 0                            | 42           | (56.0) | 30 (53.6) | 12 (63.1) |         | 30 (53.6) | 12 (63.2) |         |
| I                            | 2            | (2.7)  | 1 (1.8)   | 1 (5.3)   |         | -         | 2 (10.5)  |         |
| II                           | 3            | (4.0)  | 3 (5.4)   | -         |         | 3 (5.4)   | -         |         |
| IIIa                         | 8            | (10.7) | 6 (10.7)  | 2 (10.5)  |         | 5 (8.9)   | 3 (15.7)  |         |
| IIIb                         | 4            | (5.3)  | 3 (5.4)   | 1 (5.3)   |         | 4 (7.1)   | -         |         |
| IVa                          | 9            | (12.0) | 8 (14.3)  | 1 (5.3)   |         | 8 (14.2)  | 1 (5.3)   |         |
| IVb                          | 4            | (5.3)  | 2 (3.6)   | 2 (10.5)  |         | 3 (5.4)   | 1 (5.3)   |         |
| V                            | 3            | (4.0)  | 3 (5.4)   | -         |         | 3 (5.4)   | -         |         |