Supplementary Table 4: Pairwise comparison of all included treatments (ORR)

| Everolimus | Sunitinib | Axitinib | Sorafenib | Temsirolimus | Lenvatinib + Everolimus | Lenvatinib | Cabozantinib | Nivolumab | Pazopanib | Placebo |
|------------|-----------|----------|-----------|-------------|------------------------|-----------|--------------|-----------|-----------|---------|
| 8.40       |           |          |           |             |                        |           |               |           |           |         |
| (0.32,219.88) |          |          |           |             |                        |           |               |           |           |         |
| 6.69       | 0.80      | 0.42     | 1.03      |             |                        |           |               |           |           |         |
| (0.27,164.74) | (0.26,2.47) | (0.27,0.65) | (0.54,1.98) |             |                        |           |               |           |           |         |
| 2.80       | 0.33      | 0.42     | 1.03      | 0.49        |                        |           |               |           |           |         |
| (0.12,66.54) | (0.12,0.94) | (0.27,0.65) | (0.02,23.15) | (0.21,1.11) |                        |           |               |           |           |         |
| 11.89      | 1.41      | 1.78     | 4.25      | 4.12        | 0.49                   |           |               |           |           |         |
| (3.26,43.27) | (0.04,47.22) | (0.06,55.80) | (0.14,129.42) | (0.13,133.92) | (0.21,1.11) |           |               |           |           |         |
| 5.77       | 0.69      | 0.86     | 2.00      | 0.49        |                        |           |               |           |           |         |
| (1.54,21.57) | (0.02,23.15) | (0.03,27.37) | (0.06,65.68) | (0.21,1.11) |                        |           |               |           |           |         |
| 4.78       | 0.57      | 0.71     | 1.71      | 0.49        |                        |           |               |           |           |         |
| (2.28,10.02) | (0.02,16.16) | (0.03,19.09) | (0.06,45.89) | (0.09,1.78) |                        |           |               |           |           |         |
| 6.24       | 0.74      | 0.93     | 2.23      | 0.53        | 1.08                   | 1.31      |               |           |           |         |
| (3.77,10.32) | (0.03,20.17) | (0.04,23.81) | (0.09,55.11) | (0.13,2.10) | (0.26,4.43) | (0.53,3.20) |               |           |           |         |
| 1.02       | 0.81      | 2.44     | 2.37      | 1.43        | 2.44                   | 2.44      |               |           |           |         |
| (0.38,2.71) | (0.21,3.15) | (1.02,5.82) | (0.80,7.03) | (0.05,38.59) | (1.02,5.82) | (1.02,5.82) |               |           |           |         |
| 0.39       | 0.05      | 0.06     | 0.14      | 0.03        | 0.07                   | 0.08      | 0.06          | 0.06     |         |
| (0.04,3.61) | (0.00,0.50) | (0.01,0.53) | (0.02,1.21) | (0.00,0.43) | (0.01,0.90) | (0.01,0.85) | (0.01,0.61) | (0.01,0.58) |         |