**Supplementary Appendix**

**Heterogeneity analyses**

* **ECOG-PS 0**

Q=0.14; df=3; I2=0%

* **ECOG-PS 1**

Q=4.04; df=5; I2=0%

* **AGE < 65**

Q=3.13; df=4; I2=0%

* **AGE ≥ 65**

Q=2.67; df=4; I2=0%

* **MALE PATIENTS**

Q=3.23; df=4; I2=0%

* **FEMALE PATIENTS**

Q=0.95; df=4; I2=0%

* **LIVER METASTASES**

Q=3.50; df=2; I2=42.79%

* **NO LIVER METASTASES**

Q=0.57; df=2; I2=0%

* **UROTHELIAL TRANSITIONAL HISTOLOGY**

Q=0.34; df=1; I2=0%

* **MIXED HISTOLOGY**

Q=0.57; df=1; I2=0%