

### **Biostatistics statement**

In this study, metastatic pancreatic adenocarcinoma patients were classified according to the site of metastases (liver, lung, bone, brain and distant lymph nodes). We utilized chi-square test to compare the clinicopathological characteristics among different sites of metastases. We used Kaplan-Meier analysis and log-rank testing for survival comparisons. We employed Cox proportional model to perform multivariate analyses of the patient population; and accordingly hazard ratios with corresponding 95% CI were generated. Statistical significance was considered if a two-tailed p value < 0.05 was achieved. All of the statistical analyses were performed using SPSS Statistics 20.0 (IBM, NY).