

SM 1 A) PCA scores plot depicting a separation of control and complete obstructed rat urine profiles (Group 2). There is a clear separation of the two groups along PC 2 and, similar to earlier observations, the metabolite profiles of the control population are more homogenous in principal component space while those of obstructed subjects appear more dispersed. Ellipses do not demonstrate confidence intervals but highlight the grouping of control and completely obstructed samples. The first two principal components account for 40% of the variance. Abbreviations and symbols: \* = control samples; squares = complete UTO samples.



