**Figure S1**. a. Example of cell classification. Left panel: original image, right panel: Classified cells. b. Correlation of LScores with lymphocyte ratios assessed by H&E classification. c. Correlation of consensus measurement of purity estimations (CPE) with cancer ratios by H&E classification. d. Correlation of lymphocyte scores assessed by Gene expression with lymphocyte ratios assessed by H&E classification e. Correlation of immune subtypes with lymphocyte ratios assessed by H&E classification[15] f. Node degree distribution of a Topological Tumour Graph (TTG).