

**SUPPLEMENTARY TABLE 1.** Univariate Cox-regression analysis for clinicopathological data of Scottish cohort. Freq = Frequency, HR = hazard ratio, CI = confidence interval.



**SUPPLEMENTARY TABLE 2.** Method Agreement Analysis. TB = tumor budding, PDC = Poorly differentiated clusters, DR = Desmoplastic reaction, CLR = Crohn’s-like lymphoid reaction.



**SUPPLEMENTARY TABLE 3.** Desmoplastic reaction (DR), poorly differentiated clusters (PDC), tumor budding (TB) and Crohn’s-like lymphoid reaction (CLR), assessed on all tissue slides containing any invasive front, in relation to clinicopathological characteristics of the Japanese cohort. \* Statistical significance, Chi-Square. Freq = Frequency, Interm. = Intermediate, Immatu. = Immature.



**SUPPLEMENTARY TABLE 4.** Correlation between the features assessed on all tissue slides containing any invasive front of the Japanese cohort. TB = tumor budding, PDC = Poorly differentiated clusters, DR = Desmoplastic reaction, CLR = Crohn’s-like lymphoid reaction.



**SUPPLEMENTARY TABLE 5**. Desmoplastic reaction (DR), poorly differentiated clusters (PDC), tumor budding (TB) and Crohn’s-like lymphoid reaction (CLR), assessed on a single tissue slide, in relation to clinicopathological characteristics of the Japanese cohort. \* Statistical significance, Chi-Square. Freq = Frequency, Interm. = Intermediate, Immatu. = Immature.



**SUPPLEMENTARY TABLE 6.** Correlation between the features assessed on a single slide of the Japanese cohort. TB = tumor budding, PDC = Poorly differentiated clusters, DR = Desmoplastic reaction, CLR = Crohn’s-like lymphoid reaction.



**SUPPLEMENTARY TABLE 7**. Desmoplastic reaction (DR), poorly differentiated clusters (PDC), tumor budding (TB) and Crohn’s-like lymphoid reaction (CLR), assessed on a single tissue slide, in relation to clinicopathological characteristics of the Scottish cohort. \* Statistical significance, Chi-Square. Freq = Frequency, Interm. = Intermediate, Immatu. = Immature.



**SUPPLEMENTARY TABLE 8.** Correlation between the features assessed on a single slide of the Scottish cohort. TB = tumor budding, PDC = Poorly differentiated clusters, DR = Desmoplastic reaction, CLR = Crohn’s-like lymphoid reaction.