

Supplementary Materials: Prognostic Impact of Tumor-Infiltrating Lymphocytes and Neutrophils on Survival of Patients with Upfront Resection of Pancreatic Cancer

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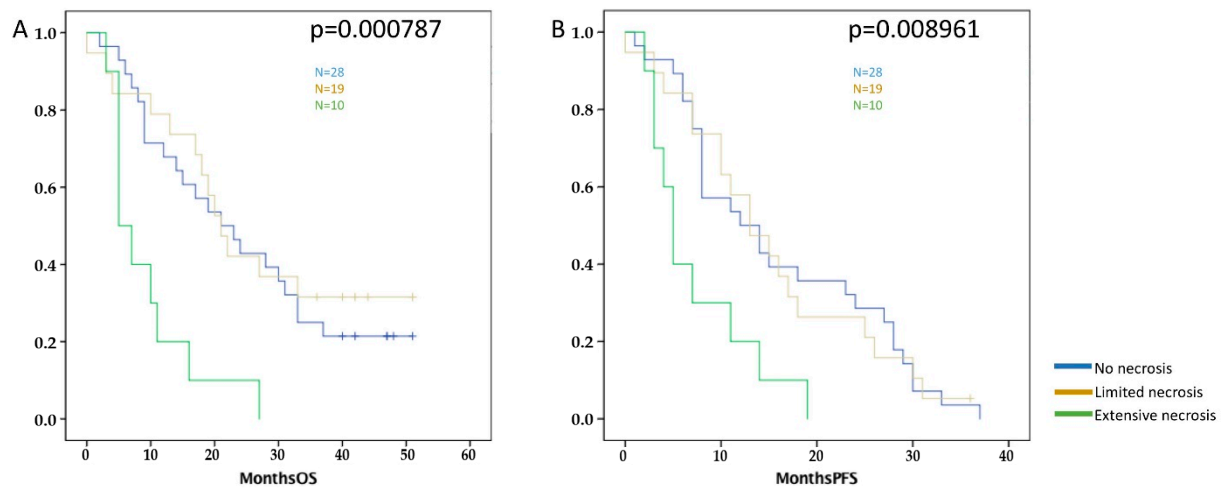


Figure S1. Extensive necrosis (grade 0–2) was correlated with impaired overall (A) and progression-free survival (B). Bigger tumor size was related with extensive grade of necrosis in the regression analysis ($p = 0.000526$).

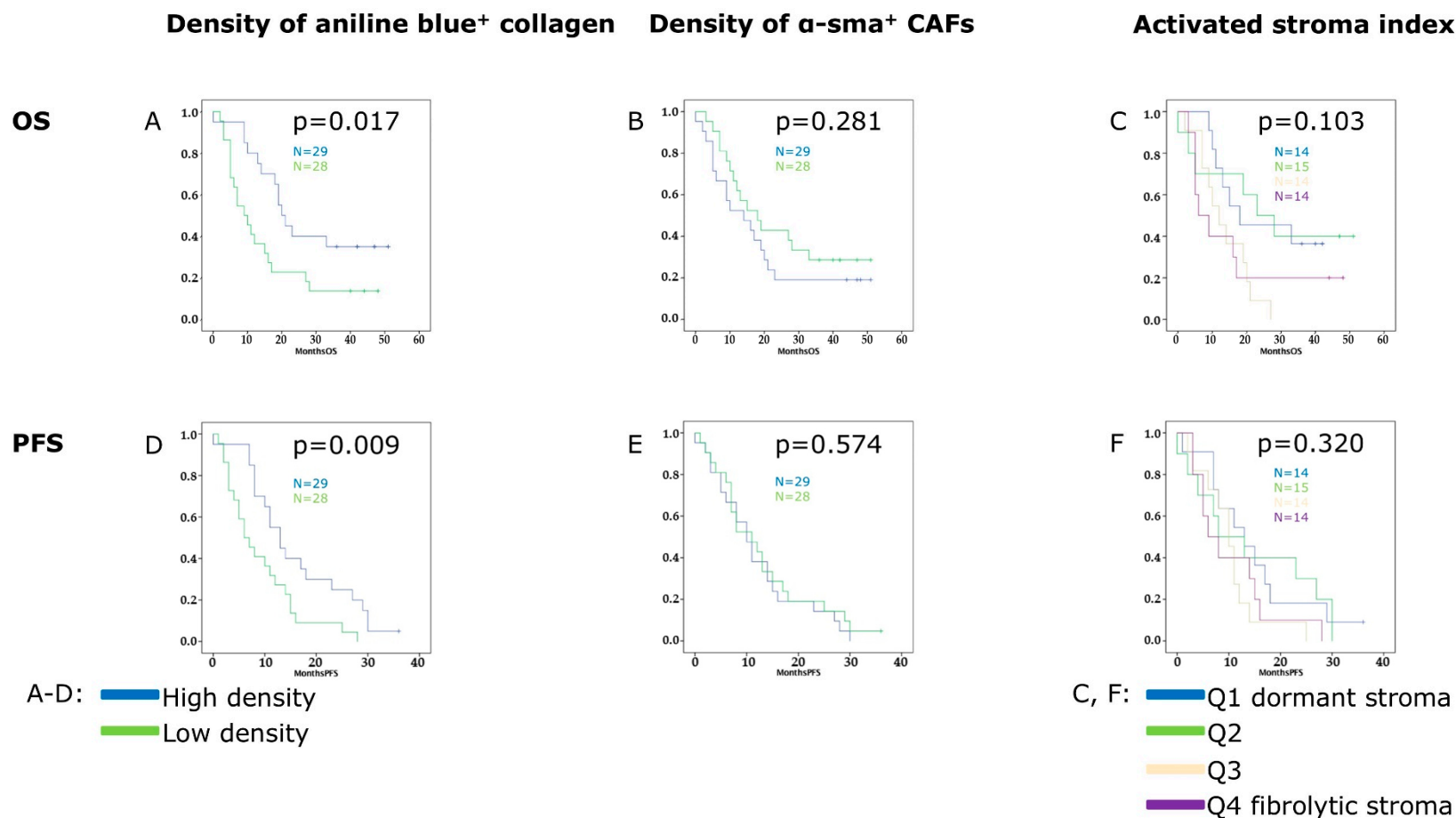


Figure S2. (A–C) Kaplan-Meier curves for overall survival (OS) and quality of the tumor stroma and for progression-free survival (PFS) and quality of the tumor stroma (D–F). A high density of aniline blue⁺ collagen areas was related significantly with OS ($p = 0.017$) and PFS ($p = 0.009$). A trend regarding OS can be described for high density of α -sma and cancer-associated fibroblasts (CAFs) and for a dormant stroma type in the activated stroma index.

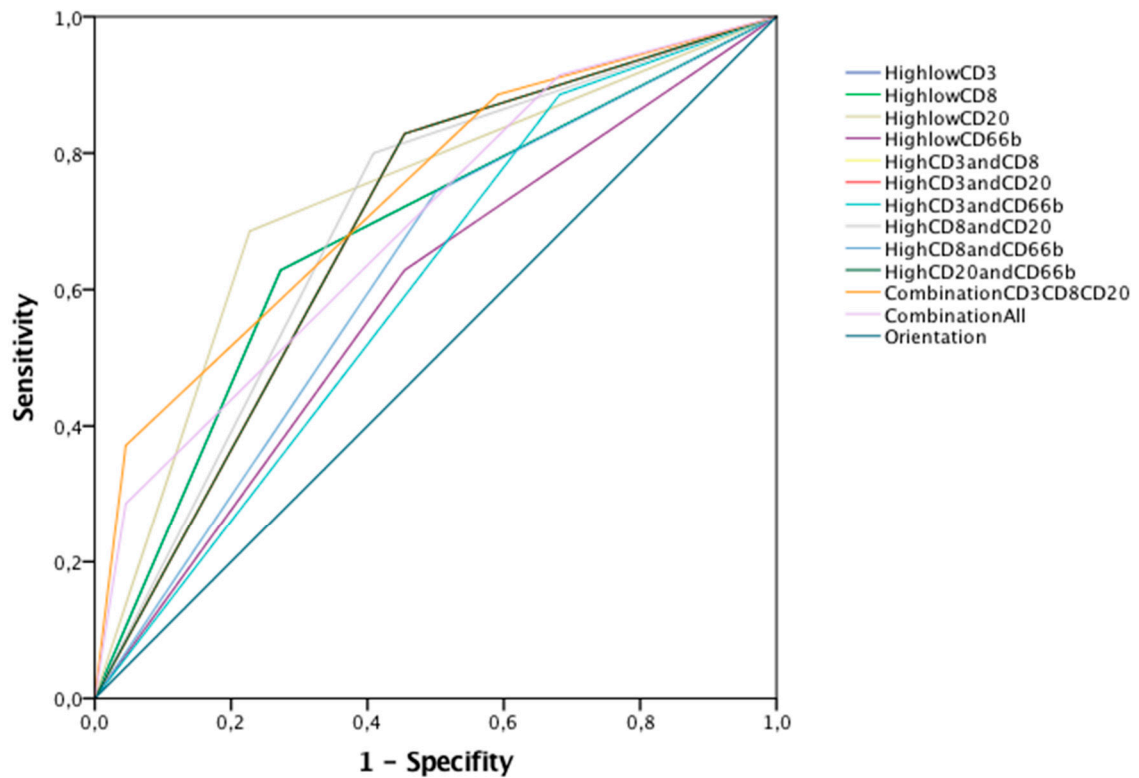


Figure S3. Receiver operating characteristic (ROC) curves for CD3⁺, CD8⁺, CD20⁺, and CD66b⁺ cells and combinations in relation to OS after 24 months. Here, the specificity and sensitivity of each cell type and combined immune cell groups are shown graphically. Evaluated tumor-infiltrating leukocytes help to predict survival two years after resection significantly (Table 3).

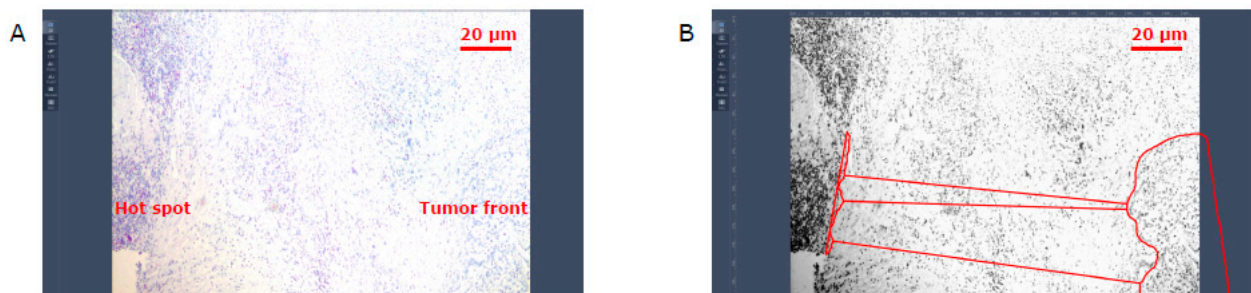


Figure S4. (A) On the left, a CD8⁺ TIL hot spot under a power field of 40× magnification with the microscope and on the right, the tumor front. (B) The distance between the hot spot and the tumor front was calculated using the ZEN 2 lite software (ZEN 2.0, Carl Zeiss, Jena, Germany), choosing 3 differences in this 2D-model and determining the mean value of the three.

