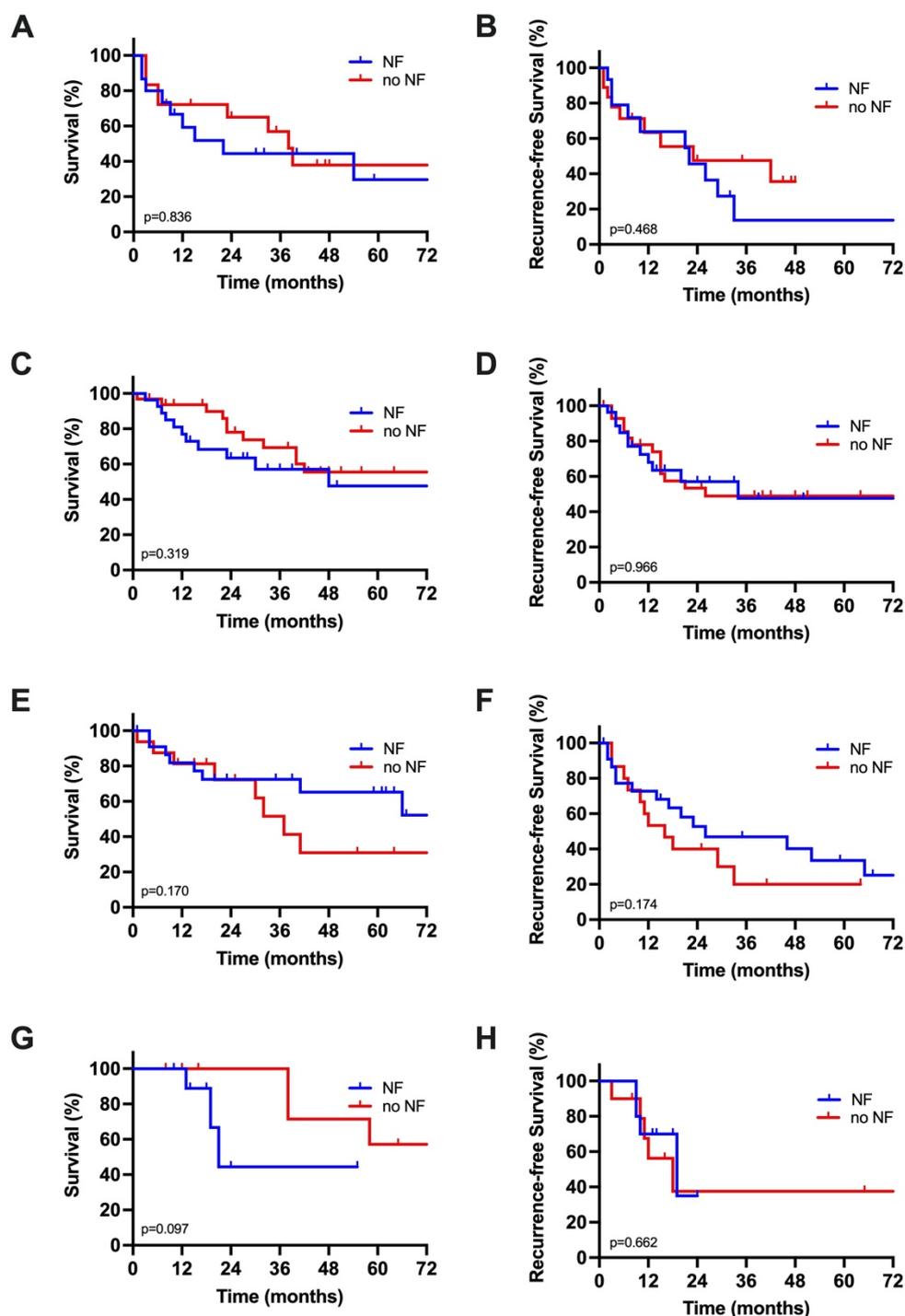


Supplementary Figure S1. Outcome in hepatocellular carcinoma with respect to early and late tumor recurrence. A: Overall survival in patients with early recurrence stratified by nerve fibers. The median OS was 17 months in patients with NF compared to 33 months in patients without NF ($p=0.182$ log rank). **B: Recurrence-free survival in patients with early recurrence stratified by nerve fibers.** The median RFS was 8 months in patients with NF compared to 10 months in patients without NF ($p=0.800$ log rank). **C: Overall survival in patients with late recurrence stratified by nerve fibers.** The median OS was 66 months in patients with NF compared to 78 months in patients without NF ($p=0.867$ log rank). **D: Recurrence-free survival in patients with late recurrence stratified by nerve fibers.** The median RFS was 34 months in patients with NF compared to 33 months in patients without NF ($p=0.697$ log rank). RFS, recurrence-free survival; OS, overall survival.



Supplementary Figure S2. Outcome in hepatocellular carcinoma with respect disease etiology. A: Overall survival in patients with alcoholic liver disease stratified by nerve fibers. The median OS was 22 months in patients with NF compared to 38 months in patients without NF ($p=0.836$ log rank). **B: Recurrence-free survival in patients with alcoholic liver disease stratified by nerve fibers.** The median RFS was 22 months in patients with NF compared to 23 months in patients without NF ($p=0.468$ log rank). **C: Overall survival in patients with non-alcoholic fatty liver disease stratified by nerve fibers.** The median OS was 48 months in patients with NF compared to n.a. months in patients without NF ($p=0.319$ log rank). **D: Recurrence-free survival in patients with non-alcoholic fatty liver disease stratified by nerve fibers.** The median RFS was 34 months in patients with NF compared to 26 months in patients without NF ($p=0.966$ log rank). **E: Overall survival**

in patients with viral liver disease stratified by nerve fibers. The median OS was 82 months in patients with NF compared to 37 months in patients without NF ($p=0.170$ log rank). **F: Recurrence-free survival in patients with viral liver disease stratified by nerve fibers.** The median RFS was 26 months in patients with NF compared to 12 months in patients without NF ($p=0.174$ log rank). **G: Overall survival in patients with cryptogenic/other liver disease stratified by nerve fibers.** The median OS was 21 months in patients with NF compared to n.a. months in patients without NF ($p=0.097$ log rank). **H: Recurrence-free survival in patients with cryptogenic/other liver disease stratified by nerve fibers.** The median RFS was 19 months in patients with NF compared to 18 months in patients without NF ($p=0.662$ log rank). ALD, alcoholic liver disease; n.a.; not applicable; NAFLD, non-alcoholic fatty liver disease; RFS, recurrence-free survival; OS, overall survival.