

Additional file 4**Naive analysis**

Based on the original sample, deleterious outcomes were observed in the resection group, in terms of both overall survival (OS) and disease-free survival (DFS), with an estimated hazard ratio (HR) of 2.139, CI 95% = [1.295-3.531], $p = 0.003$ for OS and $HR = 1.577$, CI 95% = [1.102-2.258], $p = 0.013$ for DFS (figure 13). The HR for OS was estimated at 0.66 (CI 95% = [0.234-1.859]) for treated patients with FN palsy and 2.04 (CI 95%=[1.105-3.764]) for treated patients without FN palsy ($p = 0.066$ on the Gail & Simon quantitative interaction test). Concerning DFS, the HR was estimated at 0.979 (CI 95% = [0.391-2.455]) for treated patients with FN palsy and 1.311 (CI 95%=[0.847-2.027]) for treated patients without FN palsy ($p = 0.574$ on the Gail & Simon quantitative interaction test).

