

**S2 Fig.** Kaplan-Meier survival curve for overall survival according to hypoxic parameters evaluated by <sup>18</sup>F-fluoromisonidazole positron emission tomography (FMISO PET) before and after evofosfamide treatment. The cut-off value of hypoxic parameters measured by FMISO PET was obtained by maximally selected rank statistics. (A-C) The overall survival rate tended to be shorter in patients with high hypoxic indexes measured by FMISO PET before evofosfamide treatment, but this was not statistically significant. (D-F) When hypoxic parameters increase after treatment compared with before treatment, overall survival also tends to be shortened.