**SUPPLEMENTAL TABLE 1**

**Table 1.** Univariate analysis of18F-FET PET parameters of relapsing oligodendrogliomas, stratified according to surgical resection of the relapsing tumor and later re-recurrence / further progression. BTV: biological tumor volume, SD: standard deviation, SUVmax: maximum standardized uptake value, TBRmax: maximum tumor-to-background ratio.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **SUVmax (mean ± SD)** | **TBRmax (mean ± SD)** | **BTV [cm3] (mean ± SD)** |
| All subjects (n = 42) |  | 3.35 ± 1.41 | 3.25 ± 1.25 | 13.61 ± 16.87 |
| Surgery of relapse | yes (n = 14) | 2.52 ± 0.73 | 2.71 ± 0.63 | 5.17 ± 2.48 |
|  | no (n = 28) | 3.77 ± 1.62 | 3.60 ± 1.31 | 17.83 ± 19.34 |
|  | *p*-value | 0.016 | 0.018 | 0.023 |
| Later re-recurrence / progression  | yes (n = 22) | 4.31 ± 1.05 | 4.00 ± 0.86 | 21.53 ± 20.27 |
|  | no (n = 20) | 2.30 ± 1.01 | 2.42 ± 1.13 | 4.90 ± 2.82 |
|  | *p*-value | < 0.001 | < 0.001 | < 0.001 |