

Supplemental Table 1. Predictive value of FLT and FDG iPET scans

| | 5-point score | Number of patients | Death or progression | Sensitivity | Specificity | NPV | PPV |
|-----------------------|---------------|--------------------|----------------------|-------------|-------------|-------|-------|
| FLT iPET post cycle 1 | ≤3 | 12 | 0 | 100% | 54% | 100% | 33% |
| | 4,5 | 15 | 5 | | | | |
| FLT iPET post cycle 2 | ≤3 | 17 | 0 | 100% | 74% | 100% | 45% |
| | 4, 5 | 11 | 5 | | | | |
| FLT iPET in total | ≤3 | 29 | 0 | 100% | 64% | 100% | 38.5% |
| | 4, 5 | 26 | 10 | | | | |
| FDG iPET* | ≤3 | 38 | 2 | 75% | 67% | 94.7% | 24.0% |
| | 4, 5 | 25 | 6 | | | | |

*FDG iPET post cycle 4.