**Supplementary Table 1 | Spinach G-quadruplex identification false positive rate estimation for various BASH MaP data processing approaches**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BASH MaP N7G reactivity (population average) (choose 9 lowest reactivity G’s)** | | | **BASH MaP N7G reactivity (DANCE state 1) (choose 9 lowest reactivity G’s)** | | |
| **Sensitivity** | **PPV** | **FPR** | **Sensitivity** | **PPV** | **FPR** |
| 88.88% (8/9) | 88.88% (8/9) | 11.1% (1/9) | 100% (9/9) | 100% (9/9) | 0% (0/9) |

|  |  |  |
| --- | --- | --- |
| **BASH MaP N7G reactivity (tertiary folding constraint method)** | | |
| **Sensitivity** | **PPV** | **FPR** |
| 77.77% (7/9) | 100% (7/7) | 0% (0/7) |

**PPV = Positive predictive value**

**FPR = False positive rate**