



**Supplementary Figure S13. T0-T1 values (after one month of nivolumab) between <sup>PD-1<sup>+</sup></sup> Tregs and <sup>HELIOS<sup>+</sup></sup> Tregs in Responder and Not Responder patients.**

(A-B) Responder patients (R): <sup>PD-1<sup>+</sup></sup> Tregs (N=30) median at T0= 69.85 and T1= 63.35, with 12 positive differences and 18 negative differences; p= 0.2536; <sup>HELIOS<sup>+</sup></sup> Tregs (N=26) median at T0= 58.6 and T1= 53.95, 9 positive differences and 17 negative differences; p= 0.0694.

(C-D) Not Responder patients (NR): <sup>PD-1<sup>+</sup></sup> Tregs (N=23) median T0= 38.7 and T1= 38.8, with 8 positive differences and 15 negative differences; p= 0.369; <sup>HELIOS<sup>+</sup></sup> Tregs (N=19) median at T0= 31.1 and T1= 32.4, with 10 positive differences and 9 negative differences; p= 0.650. Statistical significance assessed by Wilcoxon matched-pairs signed rank test (p<0.05).