

**Supplementary Table 2:**

Results obtained for the mono- and multi-variate models calculated. For each comparison, several indexes are given: number of original variables (N° variables) and number of latent variables included in the model (N° LVs), Accuracy% (Acc%), NER%; Sensitivity %, Specificity % and Precision % for each class. All the results are given in fitting and in cross-validation (CV) (random selection of 5 cancellation groups; 1000 iterations).

		N° Variables	N° LVs	Acc %	NER %	Sensitivity %		Specificity %		Precision %	
						Control	Other	Control	Other	Control	Other
						class		class		class	
<b>t0 vs. t12</b>	<b>Fitting</b>	17	1	95.56	95.83	91.67	100	100	91.67	100	91.30
<b>monovariate test</b>	<b>CV</b>			95.39	95.64	92.41	98.87	98.87	92.41	98.96	91.77
<b>t0 vs. t12</b>	<b>Fitting</b>	58	2	100	100	100	100	100	100	100	100
<b>multivariate test</b>	<b>CV</b>			99.77	99.77	99.62	99.93	99.93	99.62	99.94	99.58
<b>t12 vs. t26</b>	<b>Fitting</b>	20	1	100	100	100	100	100	100	100	100
<b>monovariate test</b>	<b>CV</b>			98.91	98.97	99.98	97.97	97.97	99.98	97.75	99.98
<b>t12 vs. t26</b>	<b>Fitting</b>	43	2	100	100	100	100	100	100	100	100
<b>multivariate test</b>	<b>CV</b>			99.98	99.98	99.98	99.98	99.98	99.98	99.98	99.98
<b>t0 vs. t26</b>	<b>Fitting</b>	47	2	100	100	100	100	100	100	100	100
<b>monovariate test</b>	<b>CV</b>			99.64	99.64	99.72	99.56	99.56	99.72	99.56	99.72
<b>t0 vs. t26</b>	<b>Fitting</b>	86	2	100	100	100	100	100	100	100	100
<b>multivariate test</b>	<b>CV</b>			99.95	99.95	100	99.90	99.90	100	99.90	100
<b>t0 vs. t12&amp;t26</b>	<b>Fitting</b>	32	6	100	100	100	100	100	100	100	100
<b>monovariate test</b>	<b>CV</b>			95.39	96.48	92.98	99.98	92.98	99.98	88.18	99.99
<b>t0 vs. t12&amp;t26</b>	<b>Fitting</b>	97	6	100	100	100	100	100	100	100	100
<b>multivariate test</b>	<b>CV</b>			99.82	99.85	99.96	99.75	99.75	99.96	99.53	99.98