

Binomial logistic fit of a multiple regression for cryobiopsy vs survival, change of disease diagnosis and drug administration and respiratory functions after forward selection of the most important parameters.

Table S1. Whole Model Test.

Model	–LogLikelihood	DF	ChiSquare	Prob>ChiSq
Difference	14.388797	4	28.77759	<0.0001
Full	41.062978			
Reduced	55.451774			
In yellow: The change of diagnosis was statistical significant				
AICc	92.9368			
BIC	104.036			
Observations	80			

Table S2: Parameter Estimates

Term	Estimate	Std Error	ChiSquare	Prob>ChiSq
Intercept	–0.3718766	0.3607943	1.06	0.3027
change in Diagnosis[0]	–1.0207919	0.3566797	8.19	0.0042
survival[0]	–0.606382	0.2914361	4.33	0.0375
CHANGE IN DRUGS[0]	–0.5943222	0.3522594	2.85	0.0916
change in Diagnosis[0]*CHANGE IN DRUGS[0]	–1.0313838	0.3505591	8.66	0.0033

For log odds of 1/0, In yellow: The change of diagnosis was statistical significant; In red: The survival was positively associated with the change in diagnosis

Table S3: Odds Ratios

Odds Ratios for change in Diagnosis

Level1	Level2	Odds Ratio	Prob>Chisq	–95%	+95%
1	0	7.70	0.0042	1.90	31.18
0	1	0.13	0.0042	0.03	0.53

Odds Ratios for survival

Level1	/Level2	Odds Ratio	Prob>Chisq	–95%	+95%
1	0	3.36	0.0375	1.07	10.54
0	1	0.30	0.0375	0.09	0.93

Odds Ratios for CHANGE IN DRUGS

Level1	/Level2	Odds Ratio	Prob>Chisq	–95%	+95%
1	0	3.28	0.0916	0.83	13.06
0	1	0.30	0.0916	0.08	1.21

Normal approximations used for ratio confidence limits effects: change in Diagnosis survival CHANGE IN DRUGS. Tests and confidence intervals on odds ratios are Wald based. In red: The survival was positively associated with the change in diagnosis

Figure S1. Prediction profiler

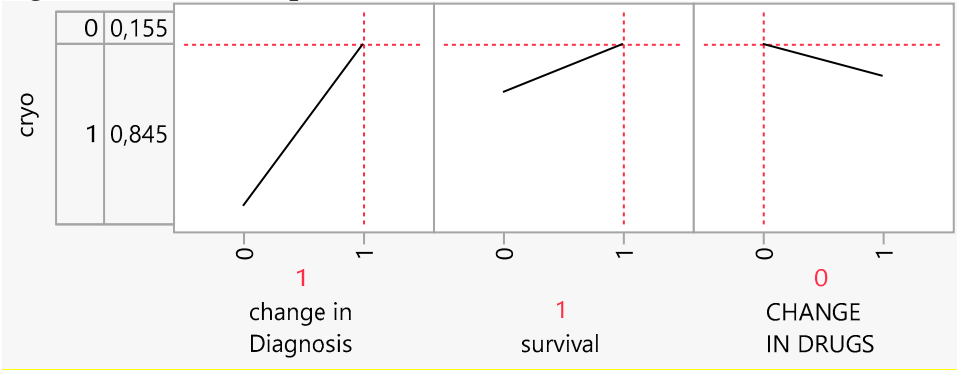


Figure S2. Interaction Profiles

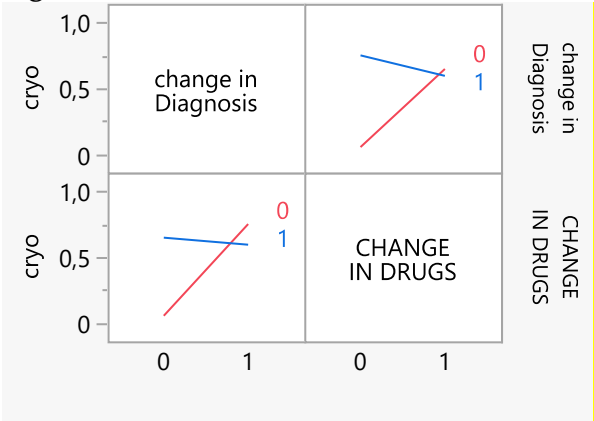


Figure S3. Studentized Deviance Residual by Predicted

