

# Simulated examples for the survival ensemble methods

**Select data type**

Hnsc

**Time point for event prediction:**

4

**Random seed for calibration and validation**

43

**K\_Outer loop CV (for validation)**

5

**K\_inner CV folds (model tuning)**

3

**Simulated data: random seed (generation):**

4242

**Sample size:**

150

**Observation time**

5

**Expected event prevalence by study end**

0.5

**Expected drop out rate**

0.3

**Custom data: path to data file**

~/Desktop/Study\_KCL/PhD P

**Predictors to use in the model**

"baseline\_age\_", "genderdun

**Time variable name**

time

**Event indicator variable name**

event

Sample statisticsCoxPHSRFEns1: CoxPH->SRFEns2: CoxPH in clusters

Ens3: extended CoxPHSummaryConclusions

Internally cross-validated results:

Show10▼entries

Search:

	Cox ▲▼	SRF ▲▼	1A ▲▼	2A ▲▼	3 ▲▼
T	4	4	4	4	4
AUCROC	0.573366	0.709967	0.711793	0.539006	0.537353
BS	0.231127	0.109479	0.106943	0.346055	0.248848
BS_scaled	-1.221711	-0.033461	-0.004996	-2.319003	-1.389093
C_score	0.570561	0.709676	0.710181	0.537879	0.535186
Calib_slope	0.037032	0.754519	0.698913	-0.121144	0.032197
Calib_alpha	-0.069047	-0.000932	-0.001096	-0.201427	-0.075589

Showing 1 to 7 of 7 entries

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Show10▼entries

Search:

	Cox_std ▲▼	SRF_std ▲▼	Ens1_std ▲▼	Ens2_std ▲▼	Ens3_std ▲▼
T	0	0	0	0	0
AUCROC	0.069574	0.113609	0.106211	0.108749	0.096404
BS	0.046321	0.028386	0.028298	0.123196	0.045528
BS_scaled	0.56232	0.247719	0.214048	1.458391	0.59513
C_score	0.071813	0.113586	0.106483	0.100283	0.097186
Calib_slope	0.038289	0.604054	0.402936	0.333702	0.041701
Calib_alpha	0.066657	0.056285	0.056014	0.122258	0.050552






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Search:

	Cox ▲▼	SRF_diff ▲▼	1_diff ▲▼	2_diff ▲▼	3_diff ▲▼
T	4	0	0	0	0
AUCROC	0.573366	0.136601	0.138427	-0.03436	-0.036013

	Cox 	SRF_diff 	1_diff 	2_diff 	3_diff 
BS	0.231127	-0.121647	-0.124184	0.114929	0.017721
BS_scaled	-1.221711	1.18825	1.216715	-1.097293	-0.167382
C_score	0.570561	0.139114	0.13962	-0.032682	-0.035375
Calib_slope	0.037032	0.717488	0.661881	-0.158176	-0.004835
Calib_alpha	-0.069047	0.068115	0.067951	-0.13238	-0.006542

Showing 1 to 7 of 7 entries

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1

Next