Simulated examples for the survival ensemble methods

Select data type

W500   ▼

Time point for event prediction:

5

Random seed for calibration and validation

42

K_Outer loop CV (for validation)

3

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 statistics   CoxPH   SRF   Ens1: CoxPH->SRF   Ens2: CoxPH in clusters

Ens3: extended CoxPH   Summary   Conclusions

Internally cross-validated results:

Show [10 ▾] entries   Search: [   ]

	Cox	SRF	1A	2A	3
T	5	5	5	5	5
AUCROC	0.835382	0.811796	0.837285	0.813942	0.827121
BS	0.213834	0.224367	0.231897	0.235063	0.21698
BS_scaled	0.242714	0.205312	0.181594	0.168222	0.232008
C_score	0.776336	0.775792	0.782149	0.759102	0.771972
Calib_slope	1.007424	1.561021	1.77669	0.50929	0.905386
Calib_alpha	0.112006	0.117864	0.075321	0.097434	0.111088

Showing 1 to 7 of 7 entries   Previous   [1]   Next

Show [10 ▾] entries   Search: [   ]

	Cox_std	SRF_std	Ens1_std	Ens2_std	Ens3_std
T	0	0	0	0	0
AUCROC	0.033357	0.040171	0.030925	0.027688	0.019804
BS	0.040972	0.045548	0.077585	0.051624	0.047015
BS_scaled	0.112399	0.129102	0.238256	0.147145	0.133331
C_score	0.036691	0.033303	0.030279	0.015942	0.031594
Calib_slope	0.24343	0.128963	0.496862	0.222498	0.092763
Calib_alpha	0.12686	0.122457	0.117339	0.110987	0.121666

Showing 1 to 7 of 7 entries   Previous   [1]   Next

Show [10 ▾] entries   Search: [   ]

	Cox	SRF_diff	1_diff	2_diff	3_diff
T	5	0	0	0	0
AUCROC	0.835382	-0.023586	0.001903	-0.02144	-0.008261

	Cox	SRF_diff	1_diff	2_diff	3_diff
BS	0.213834	0.010533	0.018063	0.021229	0.003146
BS_scaled	0.242714	-0.037402	-0.06112	-0.074492	-0.010706
C_score	0.776336	-0.000544	0.005813	-0.017234	-0.004363
Calib_slope	1.007424	0.553597	0.769266	-0.498135	-0.102038
Calib_alpha	0.112006	0.005858	-0.036685	-0.014572	-0.000919

Showing 1 to 7 of 7 entries

Previous 1 Next