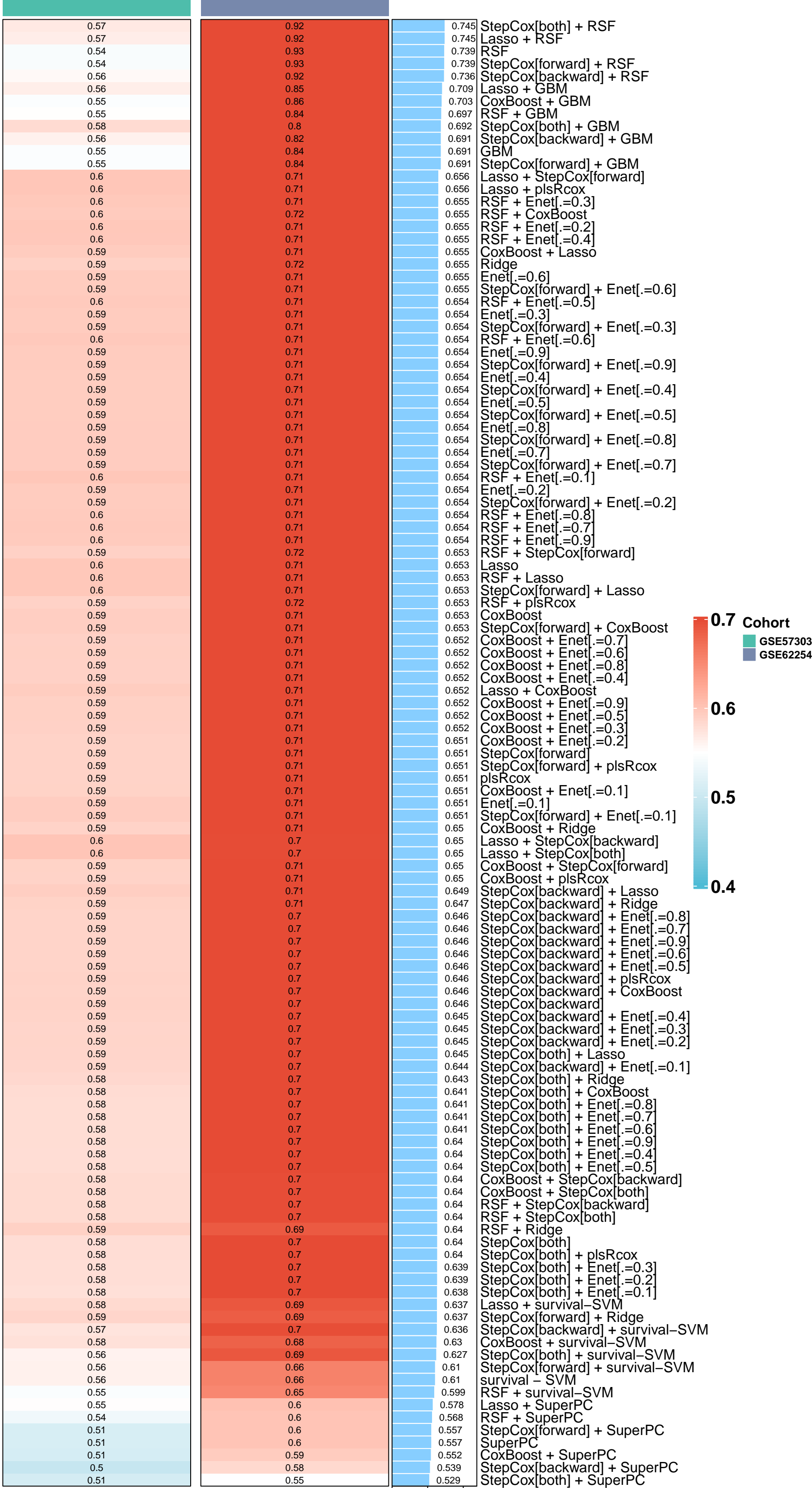| GSE57303 | GSE62254 | Mean Cindex | Model |
|---|---|---|---|
| 0.57 | 0.92 | 0.745 | StepCox[both] + RSF |
| 0.57 | 0.92 | 0.745 | Lasso + RSF |
| 0.54 | 0.93 | 0.739 | RSF |
| 0.54 | 0.93 | 0.739 | StepCox[forward] + RSF |
| 0.56 | 0.92 | 0.736 | StepCox[backward] + RSF |
| 0.56 | 0.85 | 0.709 | Lasso + GBM |
| 0.55 | 0.86 | 0.703 | CoxBoost + GBM |
| 0.55 | 0.84 | 0.697 | RSF + GBM |
| 0.58 | 0.8 | 0.692 | StepCox[both] + GBM |
| 0.56 | 0.82 | 0.691 | StepCox[backward] + GBM |
| 0.55 | 0.84 | 0.691 | GBM |
| 0.55 | 0.84 | 0.691 | StepCox[forward] + GBM |
| 0.6 | 0.71 | 0.656 | Lasso + StepCox[forward] |
| 0.6 | 0.71 | 0.656 | Lasso + plsRcox |
| 0.6 | 0.71 | 0.655 | RSF + Enet[.=0.3] |
| 0.6 | 0.72 | 0.655 | RSF + CoxBoost |
| 0.6 | 0.71 | 0.655 | RSF + Enet[.=0.2] |
| 0.6 | 0.71 | 0.655 | RSF + Enet[.=0.4] |
| 0.59 | 0.71 | 0.655 | CoxBoost + Lasso |
| 0.59 | 0.72 | 0.655 | Ridge |
| 0.59 | 0.71 | 0.655 | Enet[.=0.6] |
| 0.59 | 0.71 | 0.655 | StepCox[forward] + Enet[.=0.6] |
| 0.6 | 0.71 | 0.654 | RSF + Enet[.=0.5] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.3] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.3] |
| 0.6 | 0.71 | 0.654 | RSF + Enet[.=0.6] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.9] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.9] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.4] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.4] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.5] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.5] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.8] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.8] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.7] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.7] |
| 0.6 | 0.71 | 0.654 | RSF + Enet[.=0.1] |
| 0.59 | 0.71 | 0.654 | Enet[.=0.2] |
| 0.59 | 0.71 | 0.654 | StepCox[forward] + Enet[.=0.2] |
| 0.6 | 0.71 | 0.654 | RSF + Enet[.=0.8] |
| 0.6 | 0.71 | 0.654 | RSF + Enet[.=0.7] |
| 0.6 | 0.71 | 0.654 | RSF + Enet[.=0.9] |
| 0.59 | 0.72 | 0.653 | RSF + StepCox[forward] |
| 0.6 | 0.71 | 0.653 | Lasso |
| 0.6 | 0.71 | 0.653 | RSF + Lasso |
| 0.6 | 0.71 | 0.653 | StepCox[forward] + Lasso |
| 0.59 | 0.72 | 0.653 | RSF + plsRcox |
| 0.59 | 0.71 | 0.653 | CoxBoost |
| 0.59 | 0.71 | 0.653 | StepCox[forward] + CoxBoost |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.7] |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.6] |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.8] |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.4] |
| 0.59 | 0.71 | 0.652 | Lasso + CoxBoost |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.9] |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.5] |
| 0.59 | 0.71 | 0.652 | CoxBoost + Enet[.=0.3] |
| 0.59 | 0.71 | 0.651 | CoxBoost + Enet[.=0.2] |
| 0.59 | 0.71 | 0.651 | StepCox[forward] |
| 0.59 | 0.71 | 0.651 | StepCox[forward] + plsRcox |
| 0.59 | 0.71 | 0.651 | plsRcox |
| 0.59 | 0.71 | 0.651 | CoxBoost + Enet[.=0.1] |
| 0.59 | 0.71 | 0.651 | Enet[.=0.1] |
| 0.59 | 0.71 | 0.651 | StepCox[forward] + Enet[.=0.1] |
| 0.59 | 0.71 | 0.65 | CoxBoost + Ridge |
| 0.6 | 0.7 | 0.65 | Lasso + StepCox[backward] |
| 0.6 | 0.7 | 0.65 | Lasso + StepCox[both] |
| 0.59 | 0.71 | 0.65 | CoxBoost + StepCox[forward] |
| 0.59 | 0.71 | 0.65 | CoxBoost + plsRcox |
| 0.59 | 0.71 | 0.649 | StepCox[backward] + Lasso |
| 0.59 | 0.71 | 0.647 | StepCox[backward] + Ridge |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + Enet[.=0.8] |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + Enet[.=0.7] |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + Enet[.=0.9] |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + Enet[.=0.6] |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + Enet[.=0.5] |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + plsRcox |
| 0.59 | 0.7 | 0.646 | StepCox[backward] + CoxBoost |
| 0.59 | 0.7 | 0.646 | StepCox[backward] |
| 0.59 | 0.7 | 0.645 | StepCox[backward] + Enet[.=0.4] |
| 0.59 | 0.7 | 0.645 | StepCox[backward] + Enet[.=0.3] |
| 0.59 | 0.7 | 0.645 | StepCox[backward] + Enet[.=0.2] |
| 0.59 | 0.7 | 0.645 | StepCox[both] + Lasso |
| 0.59 | 0.7 | 0.644 | StepCox[backward] + Enet[.=0.1] |
| 0.58 | 0.7 | 0.643 | StepCox[both] + Ridge |
| 0.58 | 0.7 | 0.641 | StepCox[both] + CoxBoost |
| 0.58 | 0.7 | 0.641 | StepCox[both] + Enet[.=0.8] |
| 0.58 | 0.7 | 0.641 | StepCox[both] + Enet[.=0.7] |
| 0.58 | 0.7 | 0.641 | StepCox[both] + Enet[.=0.6] |
| 0.58 | 0.7 | 0.64 | StepCox[both] + Enet[.=0.9] |
| 0.58 | 0.7 | 0.64 | StepCox[both] + Enet[.=0.4] |
| 0.58 | 0.7 | 0.64 | StepCox[both] + Enet[.=0.5] |
| 0.58 | 0.7 | 0.64 | CoxBoost + StepCox[backward] |
| 0.58 | 0.7 | 0.64 | CoxBoost + StepCox[both] |
| 0.58 | 0.7 | 0.64 | RSF + StepCox[backward] |
| 0.58 | 0.7 | 0.64 | RSF + StepCox[both] |
| 0.59 | 0.69 | 0.64 | RSF + Ridge |
| 0.58 | 0.7 | 0.64 | StepCox[both] |
| 0.58 | 0.7 | 0.64 | StepCox[both] + plsRcox |
| 0.58 | 0.7 | 0.639 | StepCox[both] + Enet[.=0.3] |
| 0.58 | 0.7 | 0.639 | StepCox[both] + Enet[.=0.2] |
| 0.58 | 0.7 | 0.638 | StepCox[both] + Enet[.=0.1] |
| 0.58 | 0.69 | 0.637 | Lasso + survival-SVM |
| 0.59 | 0.69 | 0.637 | StepCox[forward] + Ridge |
| 0.57 | 0.7 | 0.636 | StepCox[backward] + survival-SVM |
| 0.58 | 0.68 | 0.63 | CoxBoost + survival-SVM |
| 0.56 | 0.69 | 0.627 | StepCox[both] + survival-SVM |
| 0.56 | 0.66 | 0.61 | StepCox[forward] + survival-SVM |
| 0.56 | 0.66 | 0.61 | survival - SVM |
| 0.55 | 0.65 | 0.599 | RSF + survival-SVM |
| 0.55 | 0.6 | 0.578 | Lasso + SuperPC |
| 0.54 | 0.6 | 0.568 | RSF + SuperPC |
| 0.51 | 0.6 | 0.557 | StepCox[forward] + SuperPC |
| 0.51 | 0.6 | 0.557 | SuperPC |
| 0.51 | 0.59 | 0.552 | CoxBoost + SuperPC |
| 0.5 | 0.58 | 0.539 | StepCox[backward] + SuperPC |
| 0.51 | 0.55 | 0.529 | StepCox[both] + SuperPC |

Cohort

GSE57303
GSE62254

Mean Cindex