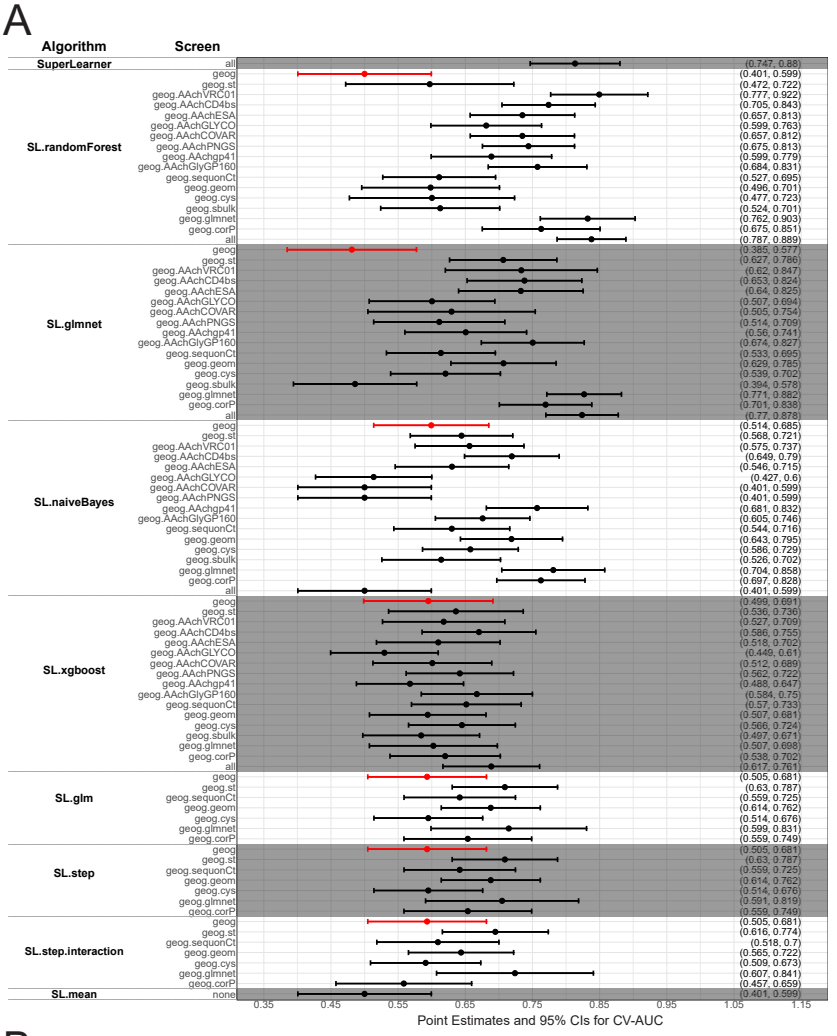
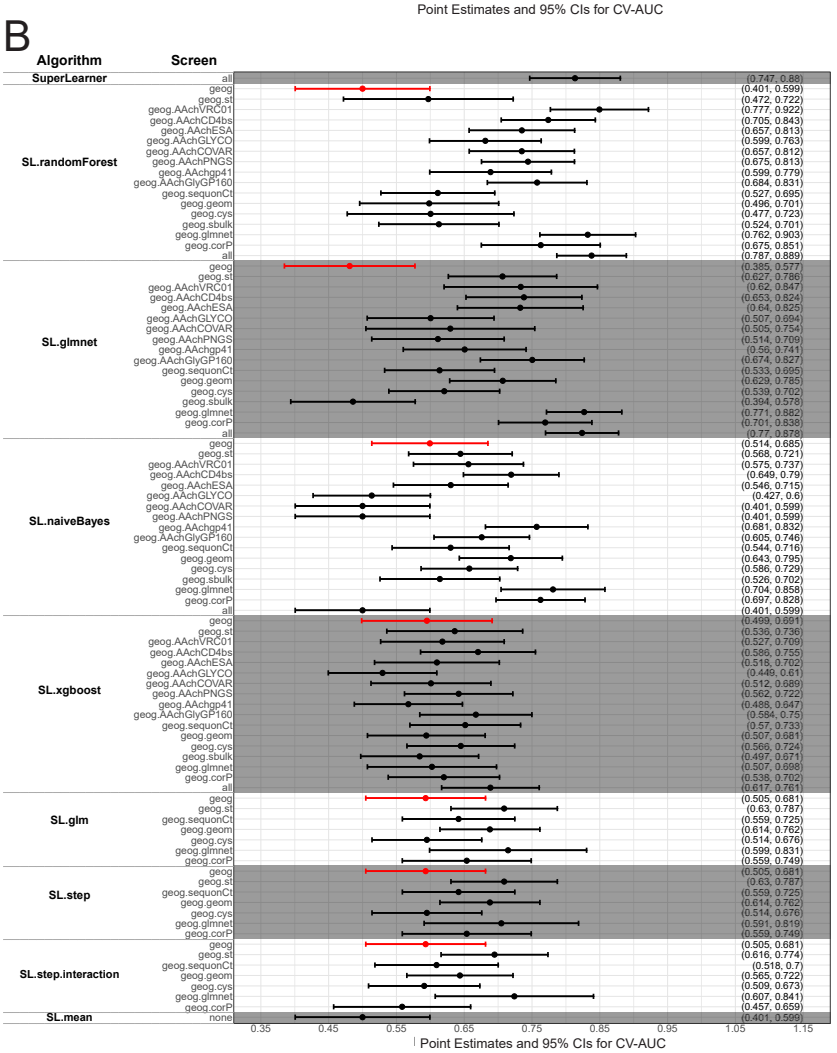

A
Algorithm
Screen
SuperLearner
all (0.747, 0.88)
SL.randomForest
geog (0.401, 0.599)
geog.st (0.472, 0.722)
geog.AAchVRC01 (0.777, 0.922)
geog.AAchCD4bs (0.705, 0.843)
geog.AAchESA (0.657, 0.813)
geog.AAchGLYCO (0.599, 0.763)
geog.AAchCOVAR (0.657, 0.812)
geog.AAchPNGS (0.675, 0.813)
geog.AAchgp41 (0.599, 0.779)
geog.AAchGlyGP160 (0.684, 0.831)
geog.sequonCt (0.527, 0.695)
geog.geom (0.496, 0.701)
geog.cys (0.477, 0.723)
geog.sbulk (0.524, 0.701)
geog.glmnet (0.762, 0.903)
geog.corP (0.675, 0.851)
all (0.787, 0.889)
SL.glmnet
geog (0.385, 0.577)
geog.st (0.627, 0.786)
geog.AAchVRC01 (0.62, 0.847)
geog.AAchCD4bs (0.653, 0.824)
geog.AAchESA (0.64, 0.825)
geog.AAchGLYCO (0.507, 0.694)
geog.AAchCOVAR (0.505, 0.754)
geog.AAchPNGS (0.514, 0.709)
geog.AAchgp41 (0.56, 0.741)
geog.AAchGlyGP160 (0.674, 0.827)
geog.sequonCt (0.533, 0.695)
geog.geom (0.629, 0.785)
geog.cys (0.539, 0.702)
geog.sbulk (0.394, 0.578)
geog.glmnet (0.771, 0.882)
geog.corP (0.701, 0.838)
all (0.77, 0.878)
SL.naiveBayes
geog (0.514, 0.685)
geog.st (0.568, 0.721)
geog.AAchVRC01 (0.575, 0.737)
geog.AAchCD4bs (0.649, 0.79)
geog.AAchESA (0.546, 0.715)
geog.AAchGLYCO (0.427, 0.6)
geog.AAchCOVAR (0.401, 0.599)
geog.AAchPNGS (0.401, 0.599)
geog.AAchgp41 (0.681, 0.832)
geog.AAchGlyGP160 (0.605, 0.746)
geog.sequonCt (0.544, 0.716)
geog.geom (0.643, 0.795)
geog.cys (0.586, 0.729)
geog.sbulk (0.526, 0.702)
geog.glmnet (0.704, 0.858)
geog.corP (0.697, 0.828)
all (0.401, 0.599)
SL.xgboost
geog (0.499, 0.691)
geog.st (0.536, 0.736)
geog.AAchVRC01 (0.527, 0.709)
geog.AAchCD4bs (0.586, 0.755)
geog.AAchESA (0.518, 0.702)
geog.AAchGLYCO (0.449, 0.61)
geog.AAchCOVAR (0.512, 0.689)
geog.AAchPNGS (0.562, 0.722)
geog.AAchgp41 (0.488, 0.647)
geog.AAchGlyGP160 (0.584, 0.75)
geog.sequonCt (0.57, 0.733)
geog.geom (0.507, 0.681)
geog.cys (0.566, 0.724)
geog.sbulk (0.497, 0.671)
geog.glmnet (0.507, 0.698)
geog.corP (0.538, 0.702)
all (0.517, 0.761)
SL.glm
geog (0.505, 0.681)
geog.st (0.63, 0.787)
geog.sequonCt (0.559, 0.725)
geog.geom (0.614, 0.762)
geog.cys (0.514, 0.676)
geog.glmnet (0.599, 0.831)
geog.corP (0.559, 0.749)
SL.step
geog (0.505, 0.681)
geog.st (0.63, 0.787)
geog.sequonCt (0.559, 0.725)
geog.geom (0.614, 0.762)
geog.cys (0.514, 0.676)
geog.glmnet (0.591, 0.819)
geog.corP (0.559, 0.749)
SL.step.interaction
geog (0.505, 0.681)
geog.st (0.616, 0.774)
geog.sequonCt (0.518, 0.7)
geog.geom (0.565, 0.722)
geog.cys (0.509, 0.673)
geog.glmnet (0.607, 0.841)
geog.corP (0.457, 0.659)
SL.mean
none (0.401, 0.599)
0.35 0.45 0.55 0.65 0.75 0.85 0.95 1.05 1.15
Point Estimates and 95% CIs for CV-AUC


B
Algorithm
Screen
SuperLearner
all (0.747, 0.88)
SL.randomForest
geog (0.401, 0.599)
geog.st (0.472, 0.722)
geog.AAchVRC01 (0.777, 0.922)
geog.AAchCD4bs (0.705, 0.843)
geog.AAchESA (0.657, 0.813)
geog.AAchGLYCO (0.599, 0.763)
geog.AAchCOVAR (0.657, 0.812)
geog.AAchPNGS (0.675, 0.813)
geog.AAchgp41 (0.599, 0.779)
geog.AAchGlyGP160 (0.684, 0.831)
geog.sequonCt (0.527, 0.695)
geog.geom (0.496, 0.701)
geog.cys (0.477, 0.723)
geog.sbulk (0.524, 0.701)
geog.glmnet (0.762, 0.903)
geog.corP (0.675, 0.851)
all (0.787, 0.889)
SL.glmnet
geog (0.385, 0.577)
geog.st (0.627, 0.786)
geog.AAchVRC01 (0.62, 0.847)
geog.AAchCD4bs (0.653, 0.824)
geog.AAchESA (0.64, 0.825)
geog.AAchGLYCO (0.507, 0.694)
geog.AAchCOVAR (0.505, 0.754)
geog.AAchPNGS (0.514, 0.709)
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geog.corP (0.701, 0.838)
all (0.77, 0.878)
SL.naiveBayes
geog (0.514, 0.685)
geog.st (0.568, 0.721)
geog.AAchVRC01 (0.575, 0.737)
geog.AAchCD4bs (0.649, 0.79)
geog.AAchESA (0.546, 0.715)
geog.AAchGLYCO (0.427, 0.6)
geog.AAchCOVAR (0.401, 0.599)
geog.AAchPNGS (0.401, 0.599)
geog.AAchgp41 (0.681, 0.832)
geog.AAchGlyGP160 (0.605, 0.746)
geog.sequonCt (0.544, 0.716)
geog.geom (0.643, 0.795)
geog.cys (0.586, 0.729)
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geog.glmnet (0.704, 0.858)
geog.corP (0.697, 0.828)
all (0.401, 0.599)
SL.xgboost
geog (0.499, 0.691)
geog.st (0.536, 0.736)
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geog.AAchCD4bs (0.586, 0.755)
geog.AAchESA (0.518, 0.702)
geog.AAchGLYCO (0.449, 0.61)
geog.AAchCOVAR (0.512, 0.689)
geog.AAchPNGS (0.562, 0.722)
geog.AAchgp41 (0.488, 0.647)
geog.AAchGlyGP160 (0.584, 0.75)
geog.sequonCt (0.57, 0.733)
geog.geom (0.507, 0.681)
geog.cys (0.566, 0.724)
geog.sbulk (0.497, 0.671)
geog.glmnet (0.507, 0.698)
geog.corP (0.538, 0.702)
all (0.517, 0.761)
SL.glm
geog (0.505, 0.681)
geog.st (0.63, 0.787)
geog.sequonCt (0.559, 0.725)
geog.geom (0.614, 0.762)
geog.cys (0.514, 0.676)
geog.glmnet (0.599, 0.831)
geog.corP (0.559, 0.749)
SL.step
geog (0.505, 0.681)
geog.st (0.63, 0.787)
geog.sequonCt (0.559, 0.725)
geog.geom (0.614, 0.762)
geog.cys (0.514, 0.676)
geog.glmnet (0.591, 0.819)
geog.corP (0.559, 0.749)
SL.step.interaction
geog (0.505, 0.681)
geog.st (0.616, 0.774)
geog.sequonCt (0.518, 0.7)
geog.geom (0.565, 0.722)
geog.cys (0.509, 0.673)
geog.glmnet (0.607, 0.841)
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Point Estimates and 95% CIs for CV-AUC