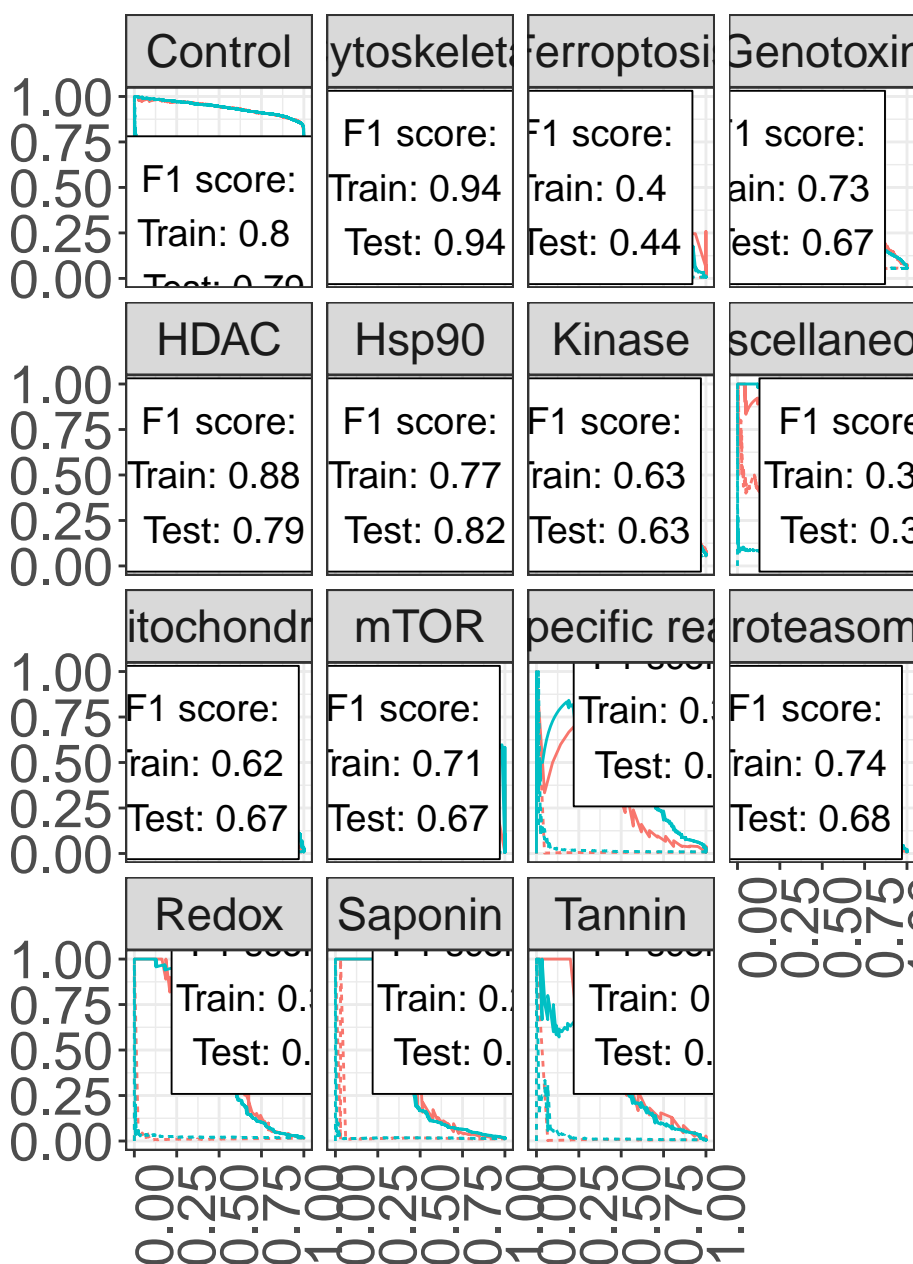


Precision



Model type

— Not shuffled

--- Shuffled

Dataset split

— Test

— Train

True class

Train

Test

Ratio

1.00

0.75

0.50

0.25

0.00

Plate holdout

Well holdout

Predicted class

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
HPOX
Mitochondrial
Proteasome
Saponin
Ferretosis
Lanthran
Nonspecific reactive

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
HPOX
Mitochondrial
Proteasome
Saponin
Ferretosis
Lanthran
Nonspecific reactive

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
HPOX
Mitochondrial
Proteasome
Saponin
Ferretosis
Lanthran
Nonspecific reactive

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
HPOX
Mitochondrial
Proteasome
Saponin
Ferretosis
Lanthran
Nonspecific reactive

True Class

Train

Test

ate holdo

ment ho

ell holdo

Ratio

1.00

0.75

0.50

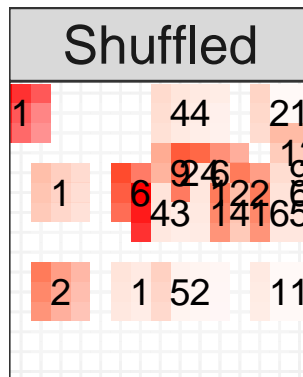
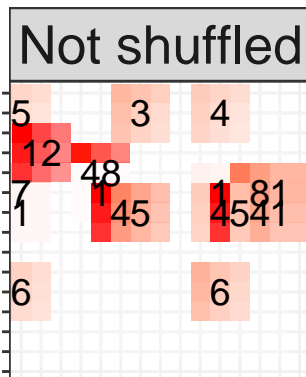
0.25

0.00

Predicted Class

True Class

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
Mitochondrial
Proteasome
Saponin
Mitochondrial
Ferroptosis
Nonspecific reactive



Ratio



Predicted Class

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
Mitochondrial
Proteasome
Saponin
Mitochondrial
Ferroptosis
Nonspecific reactive

Control
Cytoskeletal
Kinase
Genotoxic
Miscellaneous
Mitochondrial
Proteasome
Saponin
Mitochondrial
Ferroptosis
Nonspecific reactive

Predicted injuries

Cytoskeletal injury
compound ground truth

Cytoskeletal injury as top
predicted probability

Cytoskeletal injury as not top
predicted probability

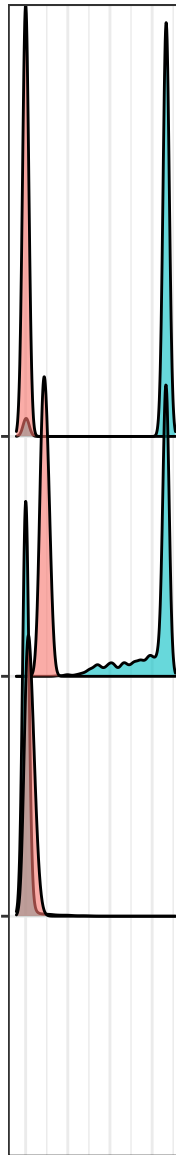
Model type

Not shuffled

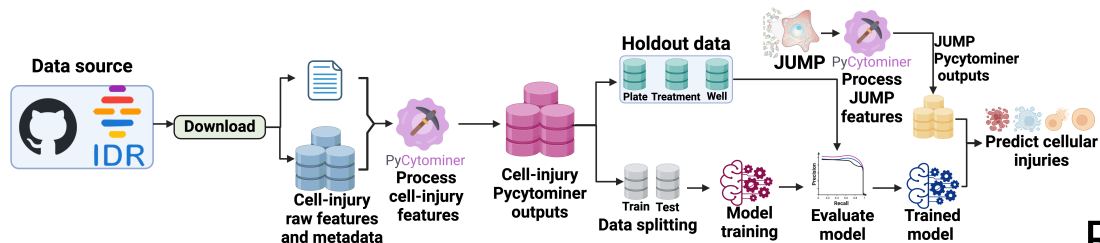
Shuffled

0.0369

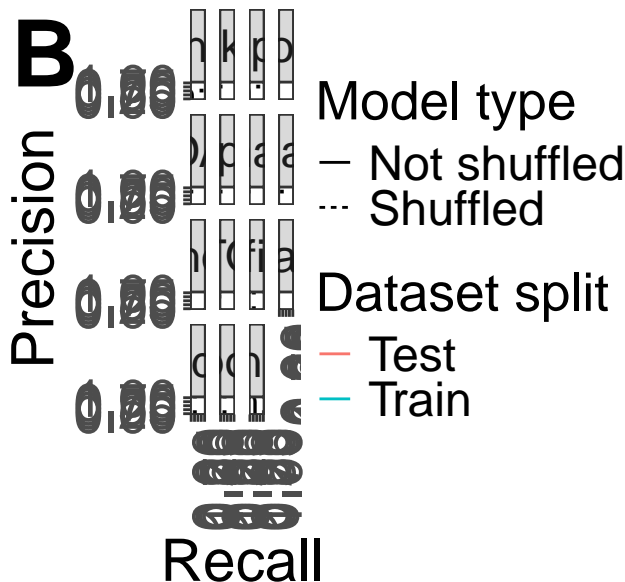
Cytoskeletal injury probability



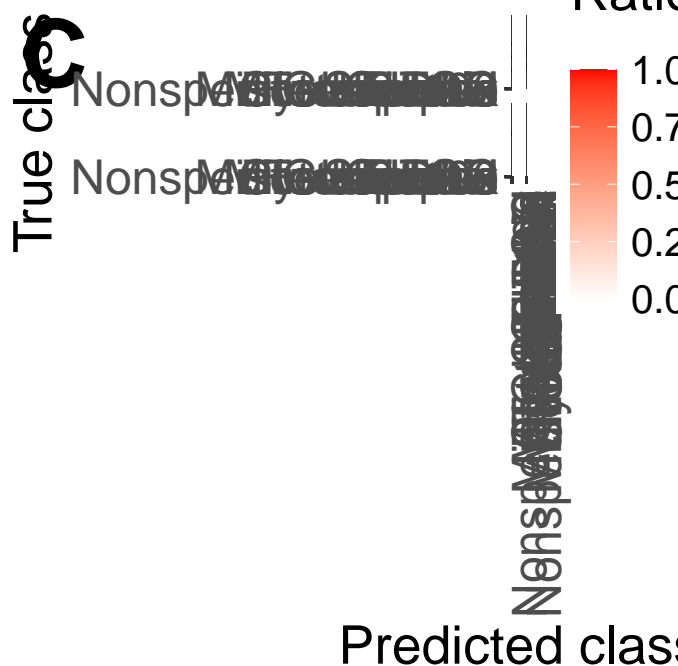
A



B



C



D

