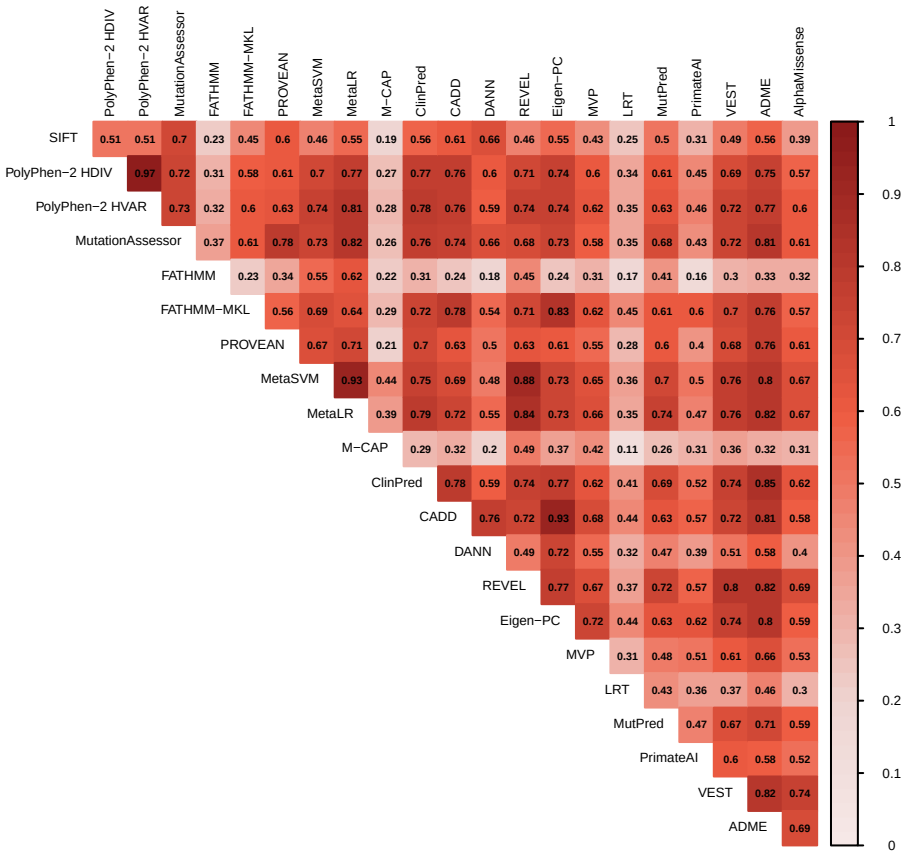
PolyPhen−2 HDIV
PolyPhen−2 HVAR
MutationAssessor
FATHMM
FATHMM−MKL
PROVEAN
MetaSVM
MetaLR
M−CAP
ClinPred
CADD
DANN
REVEL
Eigen−PC
MVP
LRT
MutPred
PrimateAI
VEST
ADME
AlphaMissense
SIFT 0.51 0.51 0.7 0.23 0.45 0.6 0.46 0.55 0.19 0.56 0.61 0.66 0.46 0.55 0.43 0.25 0.5 0.31 0.49 0.56 0.39
PolyPhen−2 HDIV 0.97 0.72 0.31 0.58 0.61 0.7 0.77 0.27 0.77 0.76 0.6 0.71 0.74 0.6 0.34 0.61 0.45 0.69 0.75 0.57
PolyPhen−2 HVAR 0.73 0.32 0.6 0.63 0.74 0.81 0.28 0.78 0.76 0.59 0.74 0.74 0.62 0.35 0.63 0.46 0.72 0.77 0.6
MutationAssessor 0.37 0.61 0.78 0.73 0.82 0.26 0.76 0.74 0.66 0.68 0.73 0.58 0.35 0.68 0.43 0.72 0.81 0.61
FATHMM 0.23 0.34 0.55 0.62 0.22 0.31 0.24 0.18 0.45 0.24 0.31 0.17 0.41 0.16 0.3 0.33 0.32
FATHMM−MKL 0.56 0.69 0.64 0.29 0.72 0.78 0.54 0.71 0.83 0.62 0.45 0.61 0.6 0.7 0.76 0.57
PROVEAN 0.67 0.71 0.21 0.7 0.63 0.5 0.63 0.61 0.55 0.28 0.6 0.4 0.68 0.76 0.61
MetaSVM 0.93 0.44 0.75 0.69 0.48 0.88 0.73 0.65 0.36 0.7 0.5 0.76 0.8 0.67
MetaLR 0.39 0.79 0.72 0.55 0.84 0.73 0.66 0.35 0.74 0.47 0.76 0.82 0.67
M−CAP 0.29 0.32 0.2 0.49 0.37 0.42 0.11 0.26 0.31 0.36 0.32 0.31
ClinPred 0.78 0.59 0.74 0.77 0.62 0.41 0.69 0.52 0.74 0.85 0.62
CADD 0.76 0.72 0.93 0.68 0.44 0.63 0.57 0.72 0.81 0.58
DANN 0.49 0.72 0.55 0.32 0.47 0.39 0.51 0.58 0.4
REVEL 0.77 0.67 0.37 0.72 0.57 0.8 0.82 0.69
Eigen−PC 0.72 0.44 0.63 0.62 0.74 0.8 0.59
MVP 0.31 0.48 0.51 0.61 0.66 0.53
LRT 0.43 0.36 0.37 0.46 0.3
MutPred 0.47 0.67 0.71 0.59
PrimateAI 0.6 0.58 0.52
VEST 0.82 0.74
ADME 0.69
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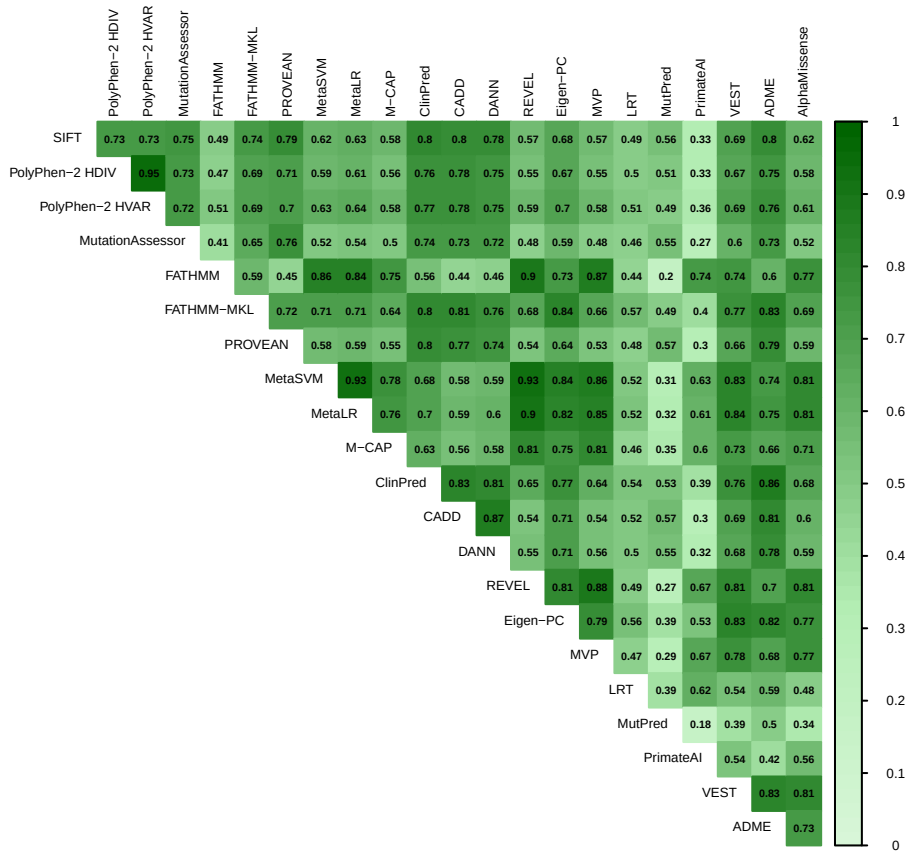
PolyPhen−2 HDIV
PolyPhen−2 HVAR
MutationAssessor
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SIFT 0.73 0.73 0.75 0.49 0.74 0.79 0.62 0.63 0.58 0.8 0.8 0.78 0.57 0.68 0.57 0.49 0.56 0.33 0.69 0.8 0.62
PolyPhen−2 HDIV 0.95 0.73 0.47 0.69 0.71 0.59 0.61 0.56 0.76 0.78 0.75 0.55 0.67 0.55 0.5 0.51 0.33 0.67 0.75 0.58
PolyPhen−2 HVAR 0.72 0.51 0.69 0.7 0.63 0.64 0.58 0.77 0.78 0.75 0.59 0.7 0.58 0.51 0.49 0.36 0.69 0.76 0.61
MutationAssessor 0.41 0.65 0.76 0.52 0.54 0.5 0.74 0.73 0.72 0.48 0.59 0.48 0.46 0.55 0.27 0.6 0.73 0.52
FATHMM 0.59 0.45 0.86 0.84 0.75 0.56 0.44 0.46 0.9 0.73 0.87 0.44 0.2 0.74 0.74 0.6 0.77
FATHMM−MKL 0.72 0.71 0.71 0.64 0.8 0.81 0.76 0.68 0.84 0.66 0.57 0.49 0.4 0.77 0.83 0.69
PROVEAN 0.58 0.59 0.55 0.8 0.77 0.74 0.54 0.64 0.53 0.48 0.57 0.3 0.66 0.79 0.59
MetaSVM 0.93 0.78 0.68 0.58 0.59 0.93 0.84 0.86 0.52 0.31 0.63 0.83 0.74 0.81
MetaLR 0.76 0.7 0.59 0.6 0.9 0.82 0.85 0.52 0.32 0.61 0.84 0.75 0.81
M−CAP 0.63 0.56 0.58 0.81 0.75 0.81 0.46 0.35 0.6 0.73 0.66 0.71
ClinPred 0.83 0.81 0.65 0.77 0.64 0.54 0.53 0.39 0.76 0.86 0.68
CADD 0.87 0.54 0.71 0.54 0.52 0.57 0.3 0.69 0.81 0.6
DANN 0.55 0.71 0.56 0.5 0.55 0.32 0.68 0.78 0.59
REVEL 0.81 0.88 0.49 0.27 0.67 0.81 0.7 0.81
Eigen−PC 0.79 0.56 0.39 0.53 0.83 0.82 0.77
MVP 0.47 0.29 0.67 0.78 0.68 0.77
LRT 0.39 0.62 0.54 0.59 0.48
MutPred 0.18 0.39 0.5 0.34
PrimateAI 0.54 0.42 0.56
VEST 0.83 0.81
ADME 0.73
1
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