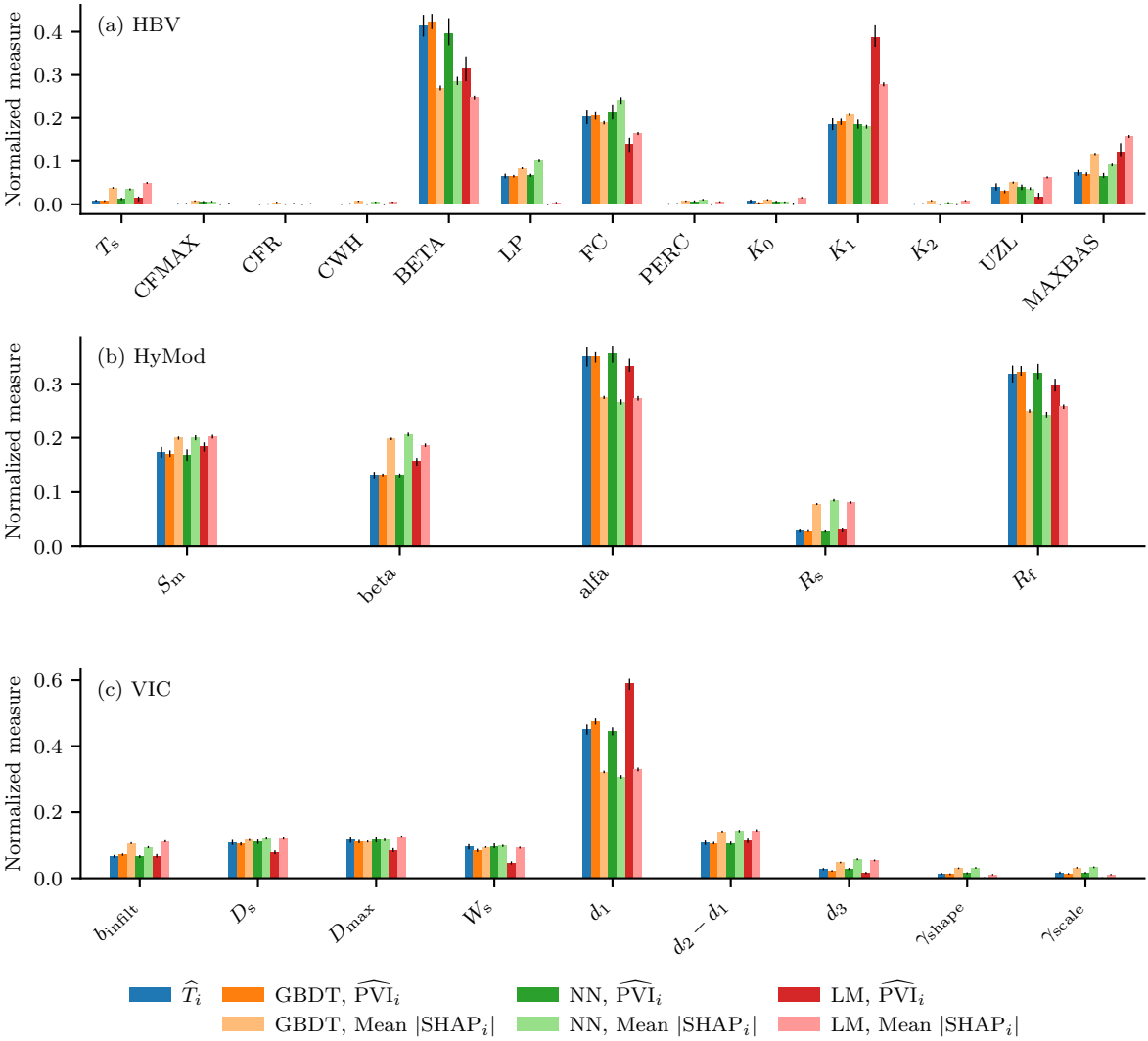
(a) HBV
Normalized measure
0.0
0.1
0.2
0.3
0.4
T_s
CFMAX
CFR
CWH
BETA
LP
FC
PERC
K_0
K_1
K_2
UZL
MAXBAS
(b) HyMod
Normalized measure
0.0
0.1
0.2
0.3
S_m
beta
alfa
R_s
R_f
(c) VIC
Normalized measure
0.0
0.2
0.4
0.6
b_{infilt}
D_s
D_{max}
W_s
d_1
$d_2 - d_1$
d_3
γ_{shape}
γ_{scale}
$\widehat{T}_i$
GBDT, $\widehat{\text{PVI}}_i$
GBDT, Mean $|\text{SHAP}_i|$
NN, $\widehat{\text{PVI}}_i$
NN, Mean $|\text{SHAP}_i|$
LM, $\widehat{\text{PVI}}_i$
LM, Mean $|\text{SHAP}_i|$