

**Table.** *Comparison of BACC-PS model performance using predictors from single shoe and both shoes*

<b>Model</b>	<b>RMSE<sub>MET</sub></b>	<b>ARD, %</b>	<b>Bias, METs</b>	<b>Interval of agreement, METs</b>
BACC-PS <sub>mean</sub>	0.7013	3.85	0.0354	(-1.37, 1.44)
BACC-PS <sub>max</sub>	0.6870	3.85	0.0437	(-1.33, 1.42)
BACC-PS <sub>left</sub>	0.7841	4.64	0.0497	(-1.52, 1.62)
BACC-PS <sub>right</sub>	0.7203	3.52	0.0222	(-1.42, 1.47)

BACC-PS<sub>mean</sub> is the proposed model that used average (between left and right shoe) of the computed sensor metrics for each sensor

BACC-PS<sub>max</sub> is the proposed model that used maximum (between left and right shoe) of the computed sensor metrics for each sensor

BACC-PS<sub>left</sub> and BACC-PS<sub>right</sub> are versions of the proposed model that used either left or right shoe side of the computed sensor metrics for each sensor