

Supplementary Table 6. Comparison of diagnostic accuracy of COMPASS 31 TWS, CARTs score and VPT in discriminating the presence of confirmed CAN and DPN in participants with T1DM and T2DM

Variable	AUC		
	COMPASS 31 TWS	CARTs score	VPT
ConfirmedCAN			
T1DM	0.725 ^a ±0.073	0.997 ^a ±0.003 ^e	0.903 ^a ±0.037 ^g
T2DM	0.607±0.077	0.989 ^a ±0.005 ^f	0.673 ^a ±0.090 ^c
DPN			
T1DM	0.753 ^a ±0.059	0.839 ^a ±0.046	0.929 ^a ±0.030 ^h
T2DM	0.682 ^a ±0.045	0.649±0.042 ^b	0.800 ^a ±0.040 ^{d,i}

Non-parametric receiver operating characteristic (ROC) analysis was used to obtain AUCs (\pm standard error) of COMPASS 31 TWS, CARTs score and VPT for the presence of confirmed CAN and DPN.

COMPASS, Composite Autonomic Symptom Score; TWS, total weighted score; CART, cardiovascular autonomic reflex test; VPT, vibration perception threshold; CAN, cardiovascular autonomic neuropathy; DPN, diabetic polyneuropathy; T1DM, type 1 diabetes mellitus; T2DM, type 2 diabetes mellitus; AUC, area under the receiver operating characteristic curve.

^aAUC values ≥ 0.650 ; Differences in AUCs between T1DM and T2DM:

^b $P=0.002$ CARTs score for DPN, ^c $P=0.018$ VPT for confirmed CAN,

^d $P=0.01$ VPT for DPN; Differences in AUCs between COMPASS 31

TWS and CARTs score for confirmed CAN: ^e $P=0.0002$ in T1DM, ^f $P=$

0.0000 in T2DM; ^gDifferences in AUCs between COMPASS 31 TWS

and VPT for confirmed CAN: $P=0.009$ in T1DM; Differences in AUCs

between COMPASS 31 TWS and VPT for DPN: ^h $P=0.009$ in T1DM,

ⁱ $P=0.044$ in T2DM.