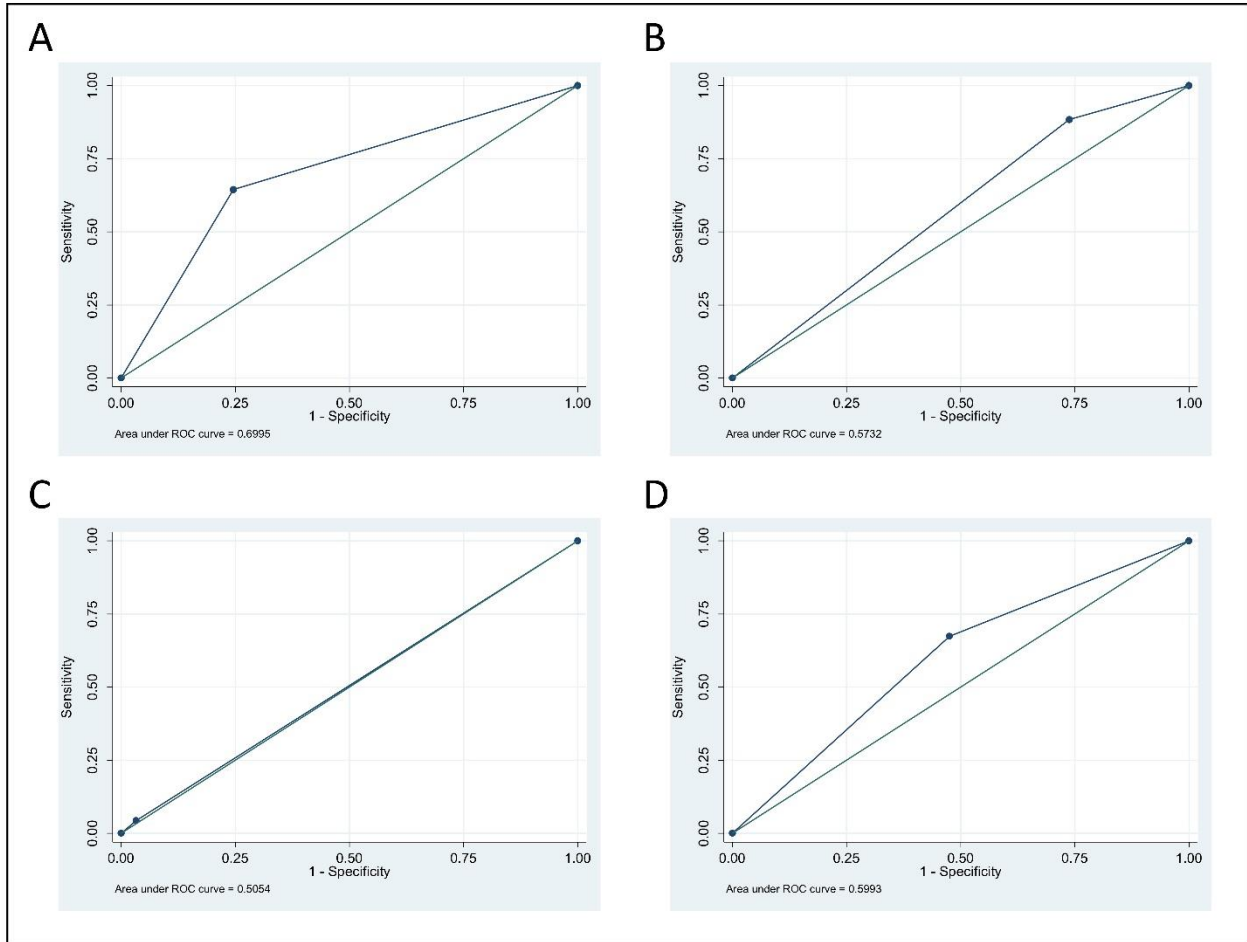


## **Supplemental Material**

**Supplemental Table 1.** Test Characteristics of Ankle Pressure Indices for Identifying Stenoses >75% and >50% in Any Limb and Segment in 54 Subjects with Diabetes.

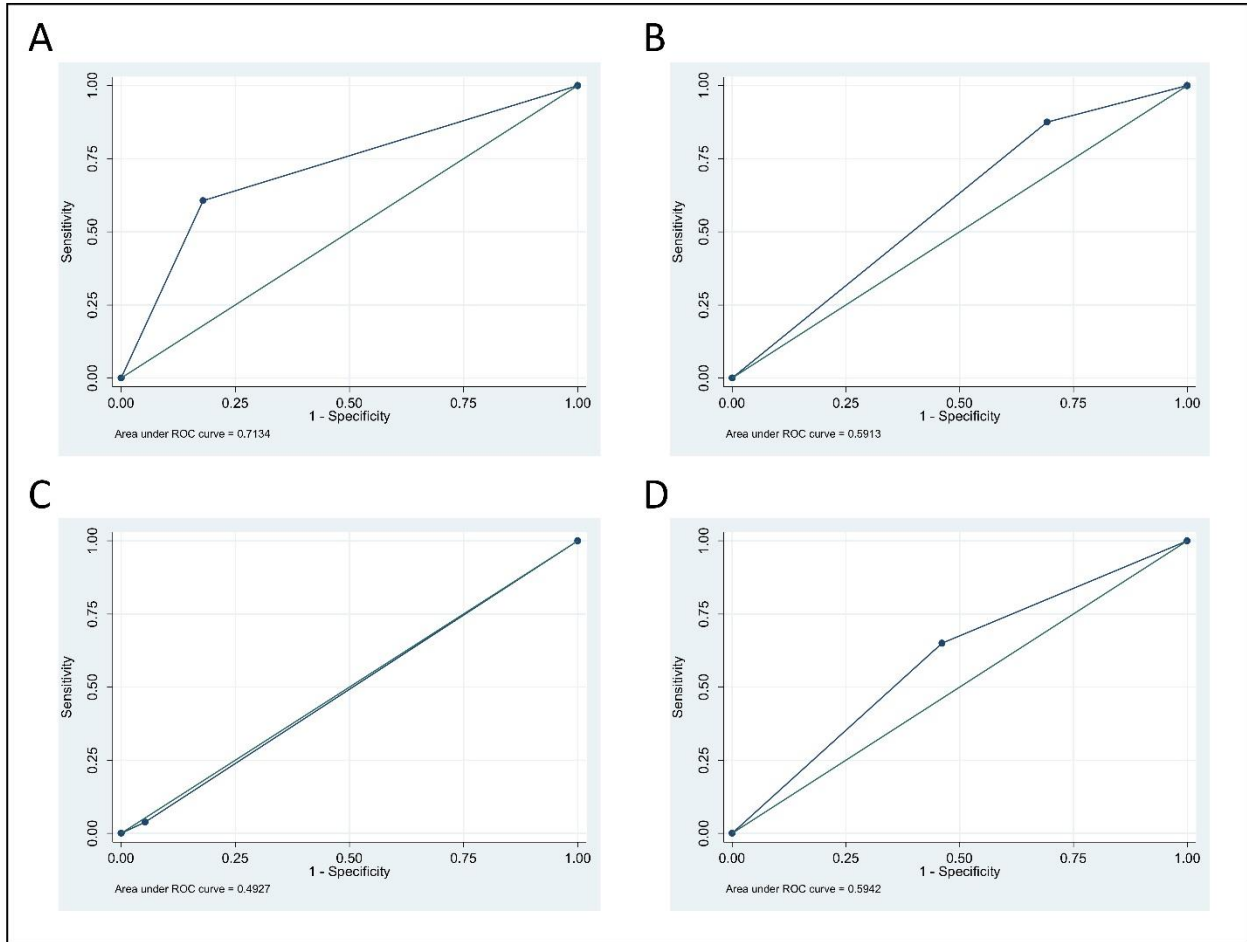
	<b>Sensitivity (95% CI)</b>	<b>Specificity (95% CI)</b>	<b>Positive Predictive Value (95% CI)</b>	<b>Negative Predictive Value (95% CI)</b>	<b>Accuracy (95% CI)</b>
<b>Identifying Stenosis &gt; 75%</b>					
Resting ABI < 0.90	60% (43%, 74%)	83% (52%, 98%)	93% (76%, 99%)	37% (19%, 58%)	65% (51%, 77%)
Exercise ABI < 0.90	91% (77%, 97%)	50% (21%, 79%)	86% (73%, 95%)	60% (26%, 88%)	81% (69%, 91%)
Exercise Ankle Pressure Decrease > 30mmHg	7% (2%, 20%)	100% (74%, 100%)	100% (29%, 100%)	24% (13%, 38%)	28% (17%, 42%)
Exercise ABI > 20% Decrease	71% (55%, 84%)	58% (28%, 85%)	86% (70%, 95%)	37% (16%, 62%)	69% (54%, 80%)
<b>Identifying Stenosis &gt; 50%</b>					
Resting ABI < 0.90	57% (42%, 72%)	100% (59%, 100%)	100% (87%, 100%)	26% (11%, 46%)	63% (49%, 76%)
Exercise ABI < 0.90	89% (77%, 97%)	71% (29%, 96%)	96% (85%, 99%)	50% (19%, 81%)	87% (75%, 95%)
Exercise Ankle Pressure Decrease > 30mmHg	7% (1%, 18%)	100% (59%, 100%)	100% (29%, 100%)	14% (6%, 27%)	19% (9%, 32%)
Exercise ABI > 20% Decrease	68% (53%, 81%)	57% (18%, 90%)	91% (77%, 98%)	21% (6%, 46%)	67% (53%, 79%)

ABI = ankle-brachial index



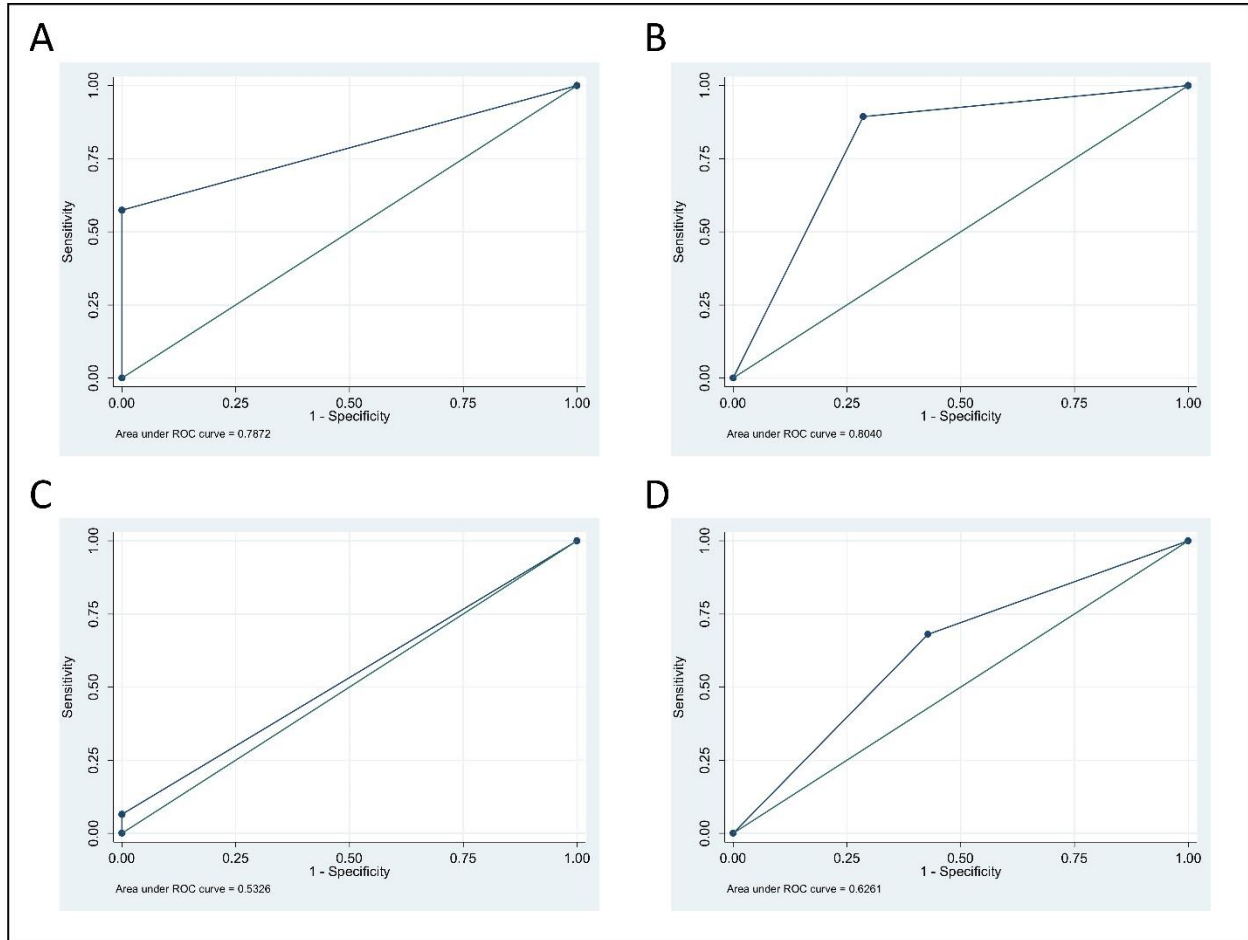
**Supplemental Figure 1. ROC Analysis in All Subjects for Stenoses > 75%**

- A.** Resting ABI < 0.90
- B.** Exercise ABI < 0.90
- C.** Exercise Ankle Pressure Decrease > 30mmHg
- D.** Exercise ABI > 20% Decrease



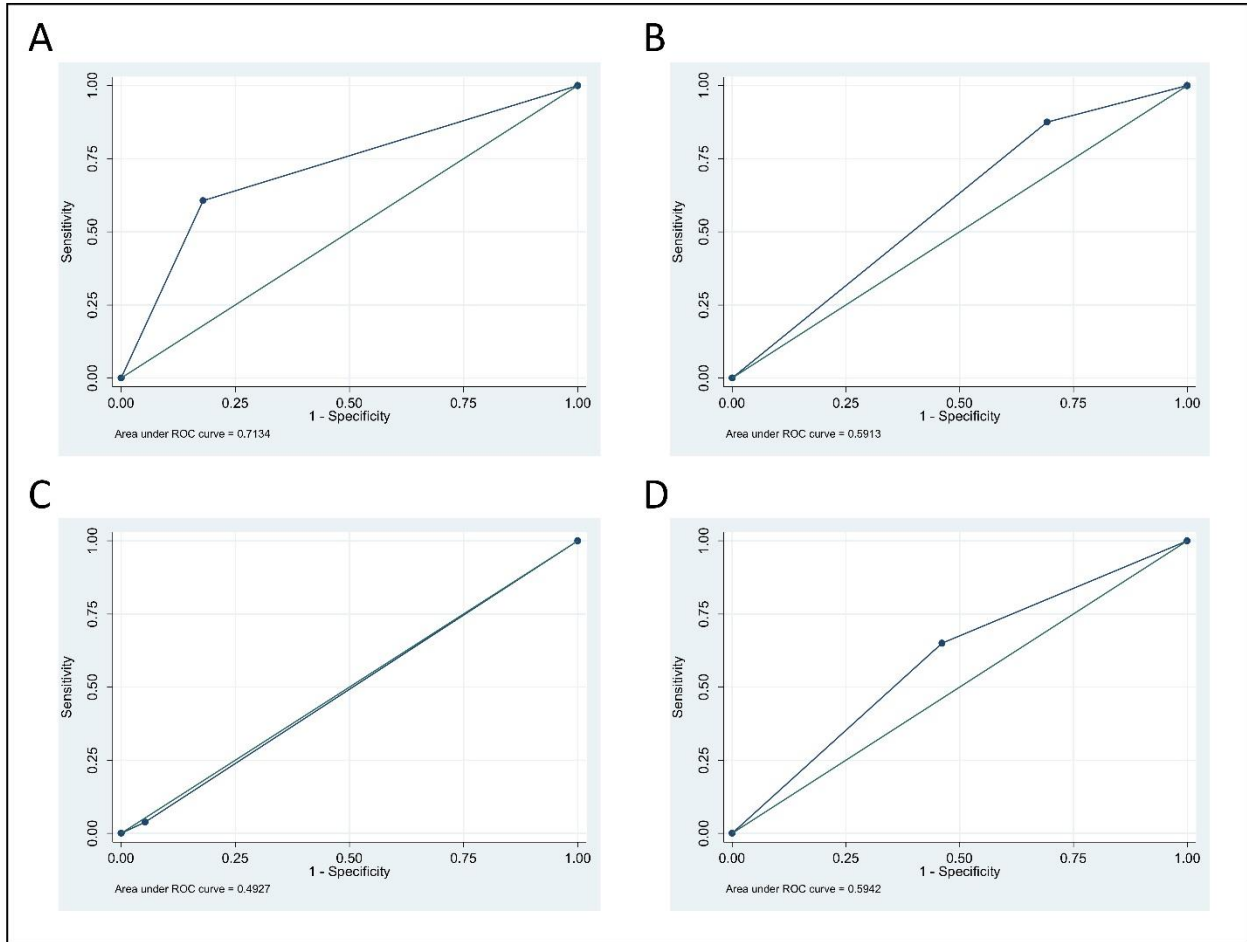
**Supplemental Figure 2.** ROC Analysis in All Subjects for Stenoses > 50%

- A.** Resting ABI < 0.90
- B.** Exercise ABI < 0.90
- C.** Exercise Ankle Pressure Decrease > 30mmHg
- D.** Exercise ABI > 20% Decrease



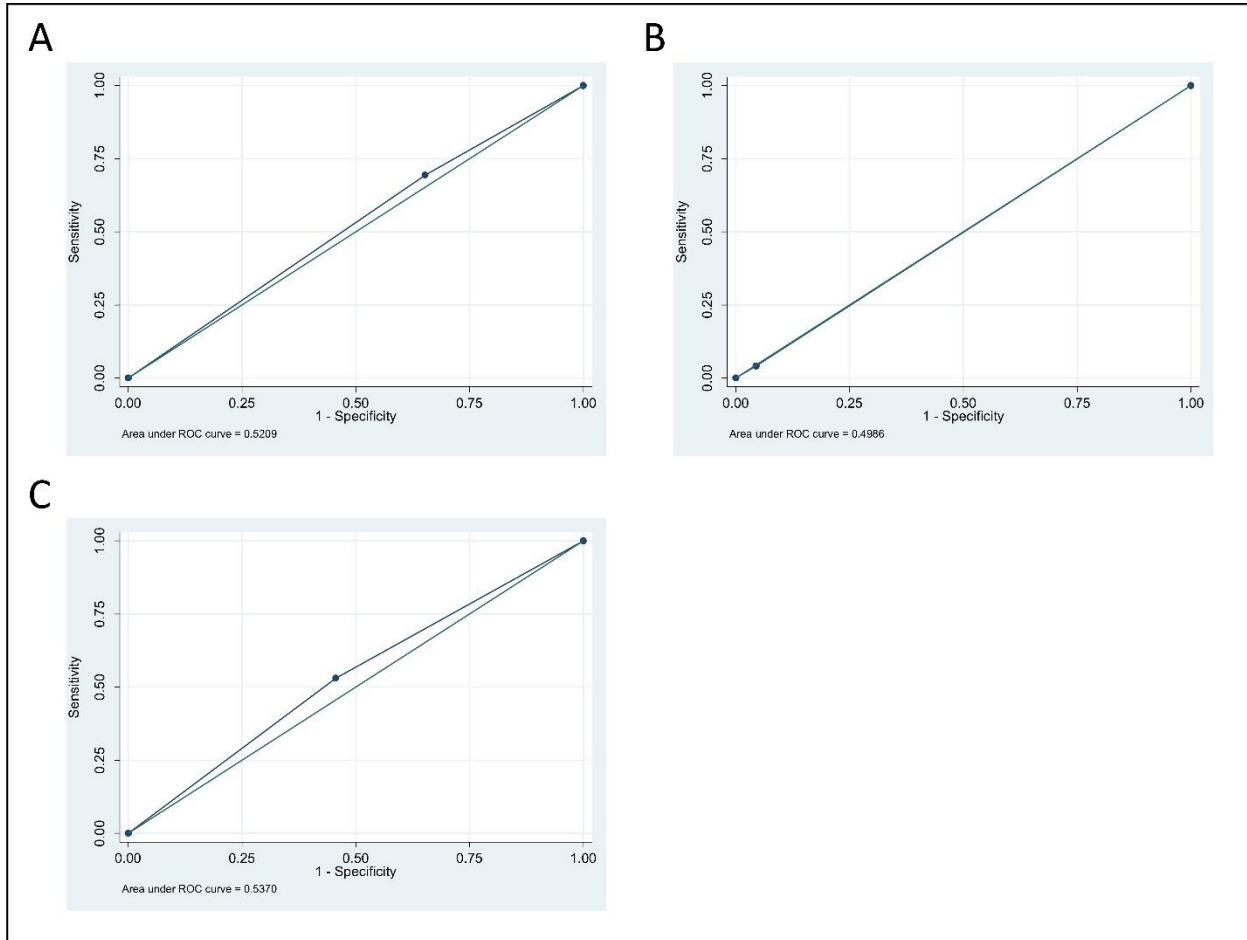
**Supplemental Figure 3.** ROC Analysis in Subjects with Diabetes for Stenoses > 75%

- A.** Resting ABI < 0.90
- B.** Exercise ABI < 0.90
- C.** Exercise Ankle Pressure Decrease > 30mmHg
- D.** Exercise ABI > 20% Decrease



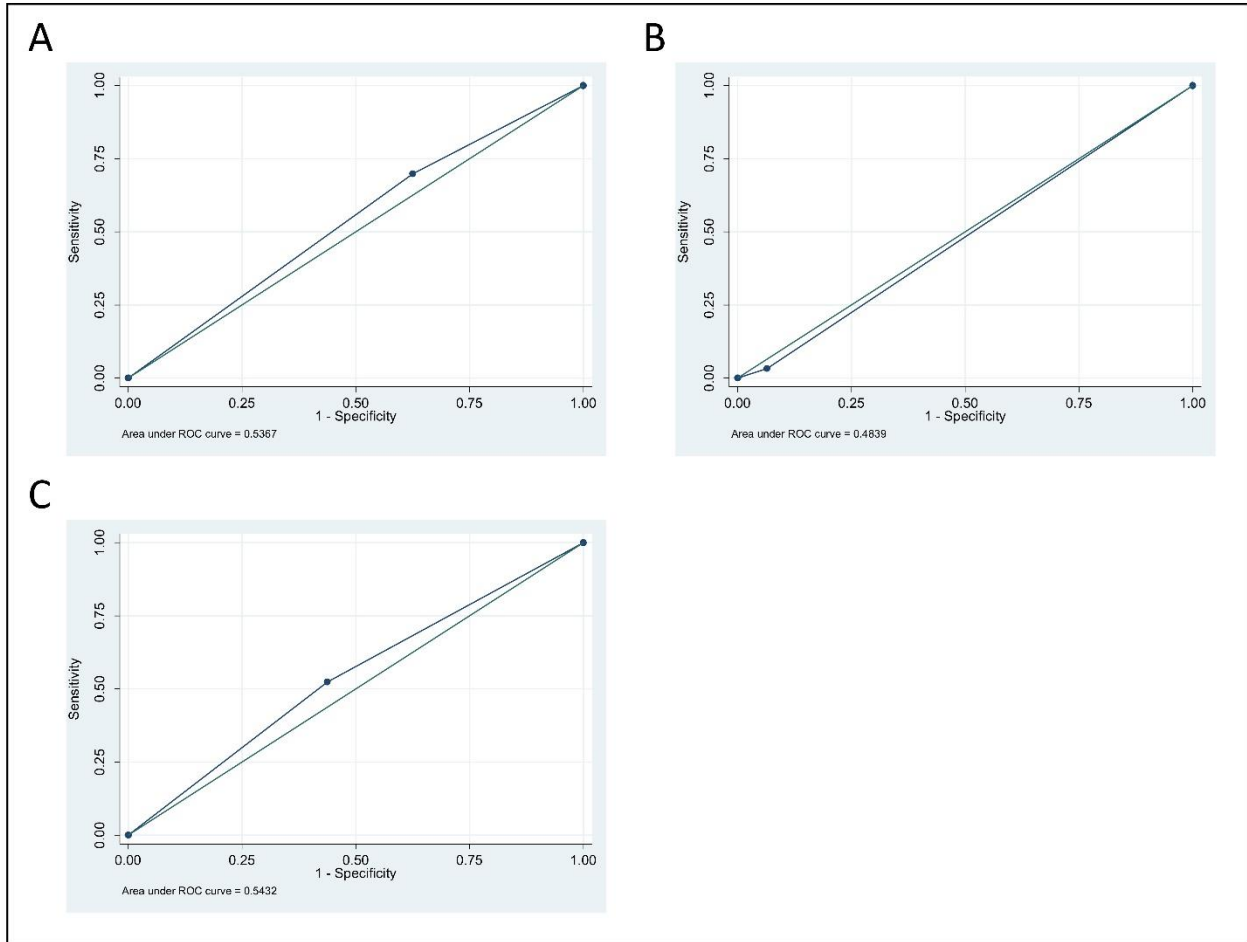
**Supplemental Figure 4.** ROC Analysis in Subjects with Diabetes for Stenoses > 50%

- A.** Resting ABI < 0.90
- B.** Exercise ABI < 0.90
- C.** Exercise Ankle Pressure Decrease > 30mmHg
- D.** Exercise ABI > 20% Decrease



**Supplemental Figure 5.** ROC Analysis in Individuals with Normal Resting ABIs and Stenoses > 75%

- A.** Exercise ABI < 0.90
- B.** Exercise Ankle Pressure Decrease > 30mmHg
- C.** Exercise ABI > 20% Decrease



**Supplemental Figure 6.** ROC Analysis in Individuals with Normal Resting ABIs and Stenoses > 50%

**A.** Exercise ABI < 0.90

**B.** Exercise Ankle Pressure Decrease > 30mmHg

**C.** Exercise ABI > 20% Decrease