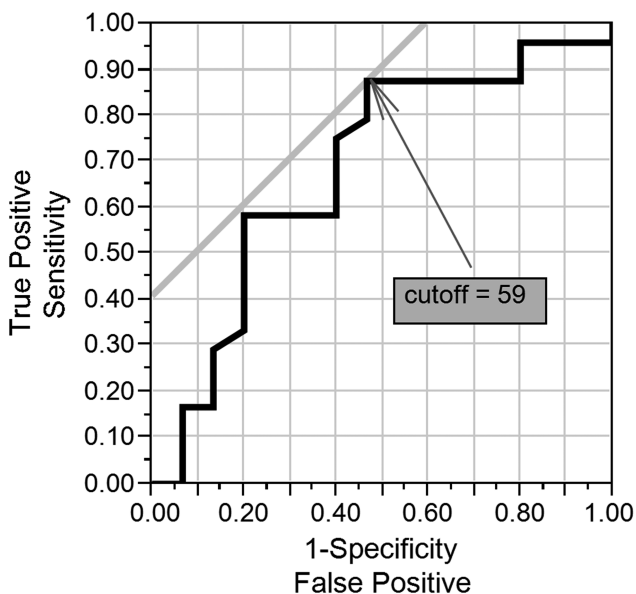


## APPENDIX 1

**Table A1** Functional Assessments of Mobility and Balance Used in the Study

Study outcomes	Brief description	Valid and reliable	Cutoff score
CB&M	13 tasks assessing higher-level balance and mobility <sup>1</sup>	Yes <sup>2</sup>	Score $\leq 45$ has high sensitivity to discriminate recurrent fallers from non-fallers <sup>2</sup>
ABC	16-item self-report questionnaire	Yes <sup>3</sup>	Score $< 67\%$ predicts fall risk <sup>4</sup>
DGI	8 gait tasks assessing ability to adapt to gait challenges	Yes <sup>5</sup>	Score $< 19$ indicates increased falls risk <sup>6</sup>
BBS	14 tasks assessing balance	Yes <sup>7</sup>	Score $< 36$ suggests 100% fall risk; score $< 45$ predicts fall risk <sup>8</sup>
SPPB	3 components assessing standing balance, gait speed, and repeated chair rise	Yes <sup>9</sup>	Score $\leq 10$ predicts future mobility disability <sup>10</sup>
TUG	Measures functional mobility	Yes <sup>11</sup>	Score $> 14$ seconds has high sensitivity and specificity in predicting fallers and non-fallers <sup>6</sup>
FRT	Quick screen for balance problems	Yes <sup>12</sup>	Score $< 7$ in. [17.8 cm] predicts independent community ambulation <sup>12</sup>

CB&M = Community Balance and Mobility scale; ABC = Activities-specific Balance Confidence scale; DGI = Dynamic Gait Index; BBS = Berg Balance Scale; SPPB = Short Physical Performance Battery; TUG = timed up-and-go test; FRT = Functional Reach Test.



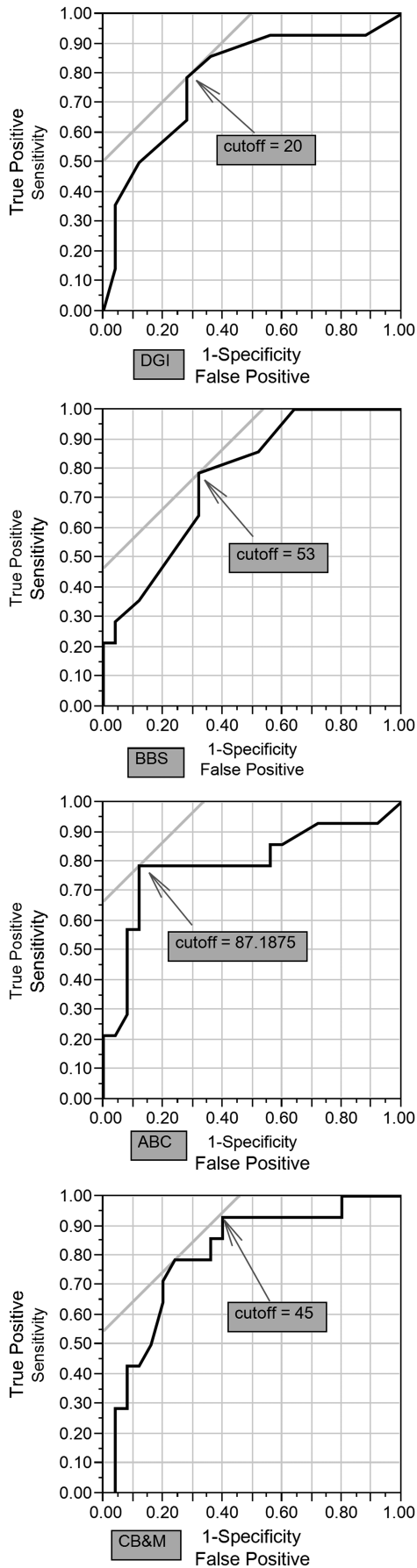
**Figure A1** ROC curve for assessing the likelihood of one or more falls<sup>12</sup> using the CB&M as the predictor.

ROC = receiver operating characteristic; CB&M = Community Balance and Mobility scale.

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**Figure A2** ROC curves for assessing the likelihood of two or more falls using the CB&M, ABC, BBS, and DGI as the predictors. CB&M = Community Balance and Mobility scale; ABC = Activities-specific Balance Confidence scale; BBS = Berg Balance Scale; DGI = Dynamic Gait Index.