

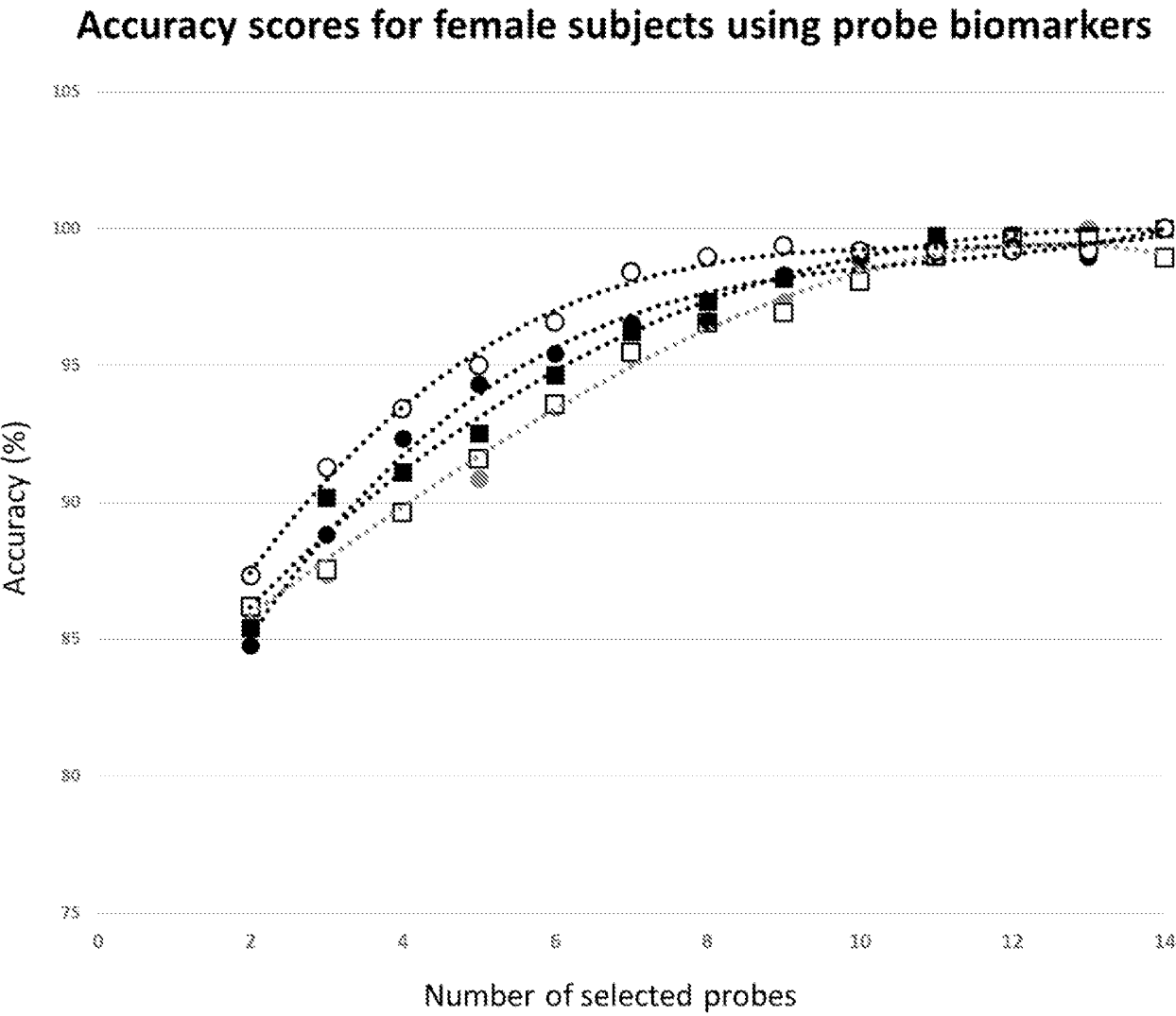


FIG. 1

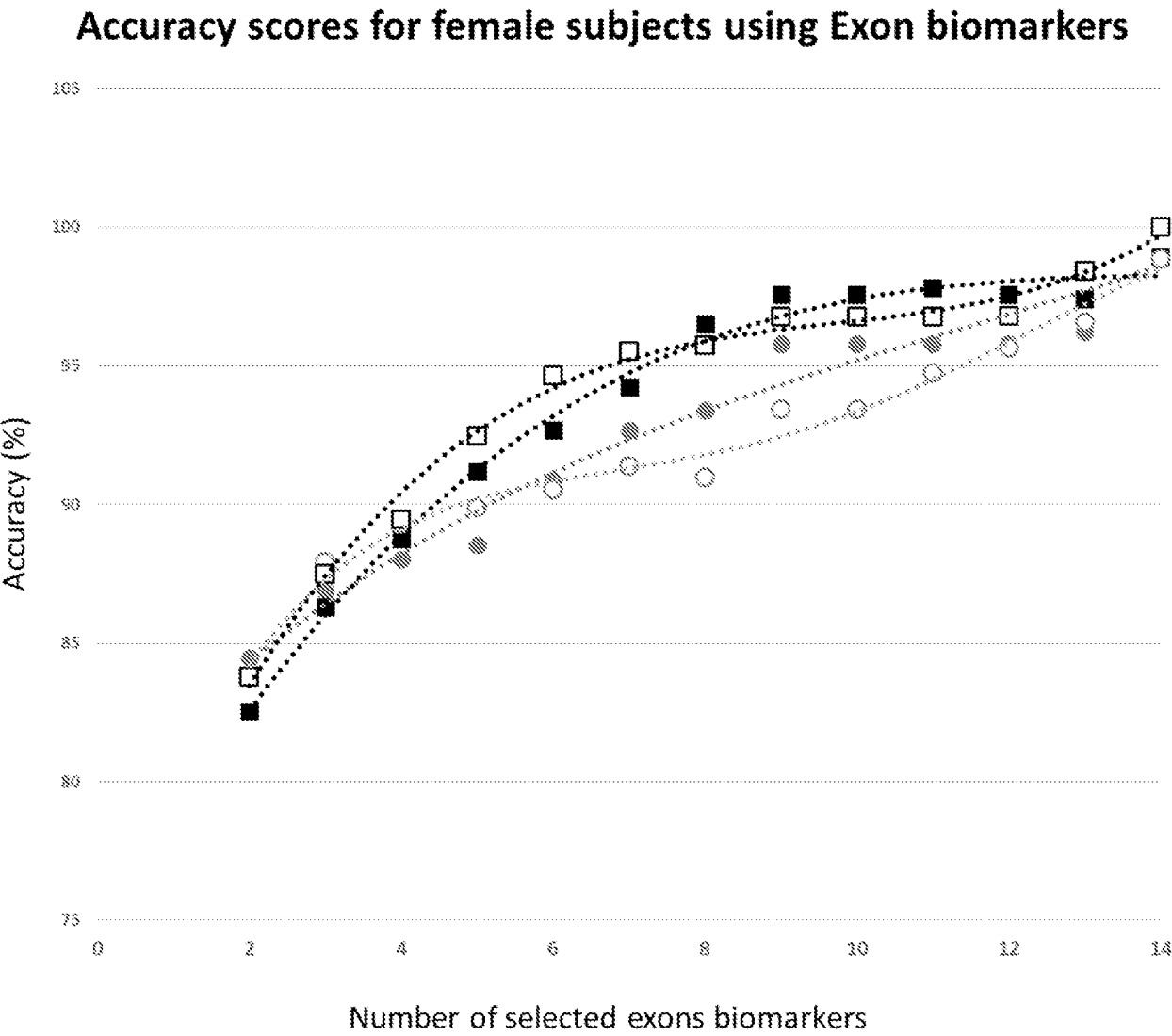


FIG. 2

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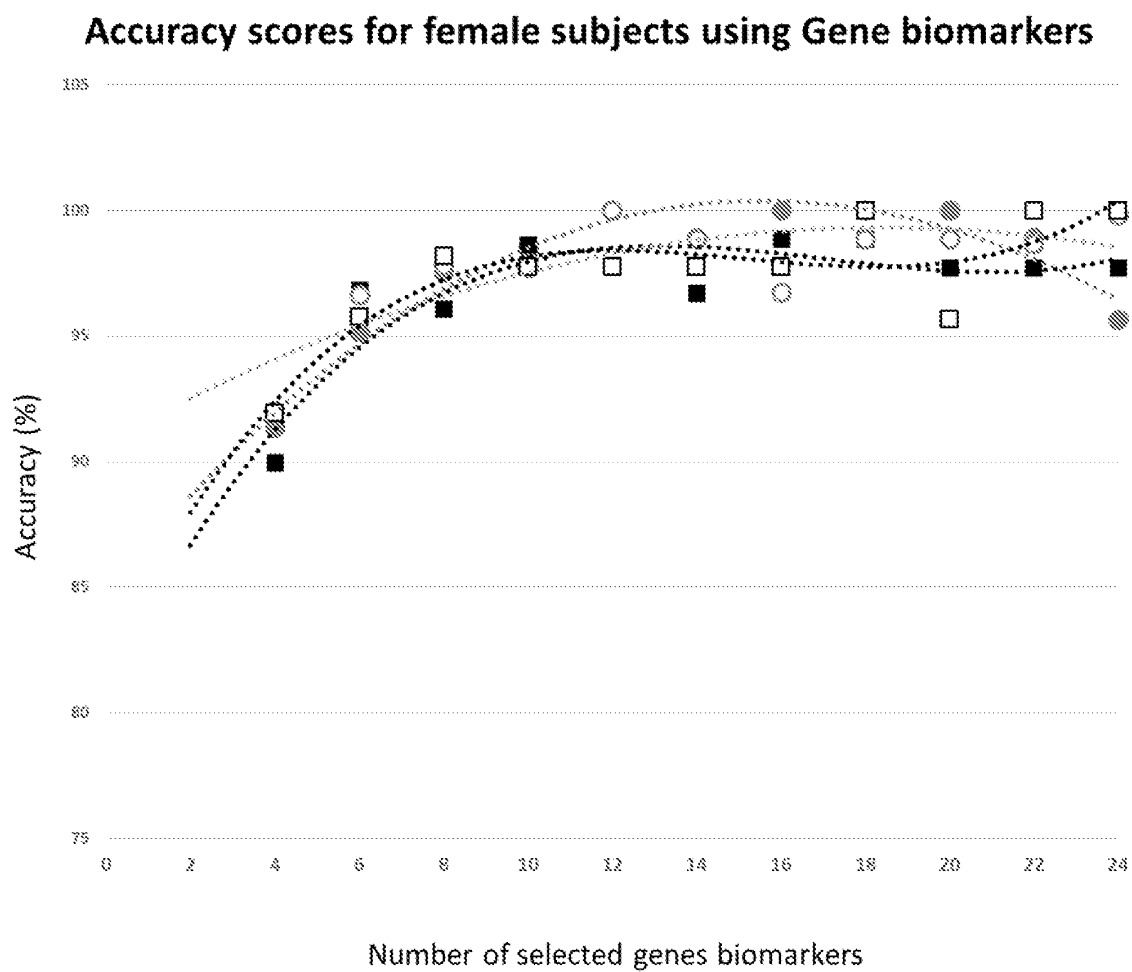


FIG. 3

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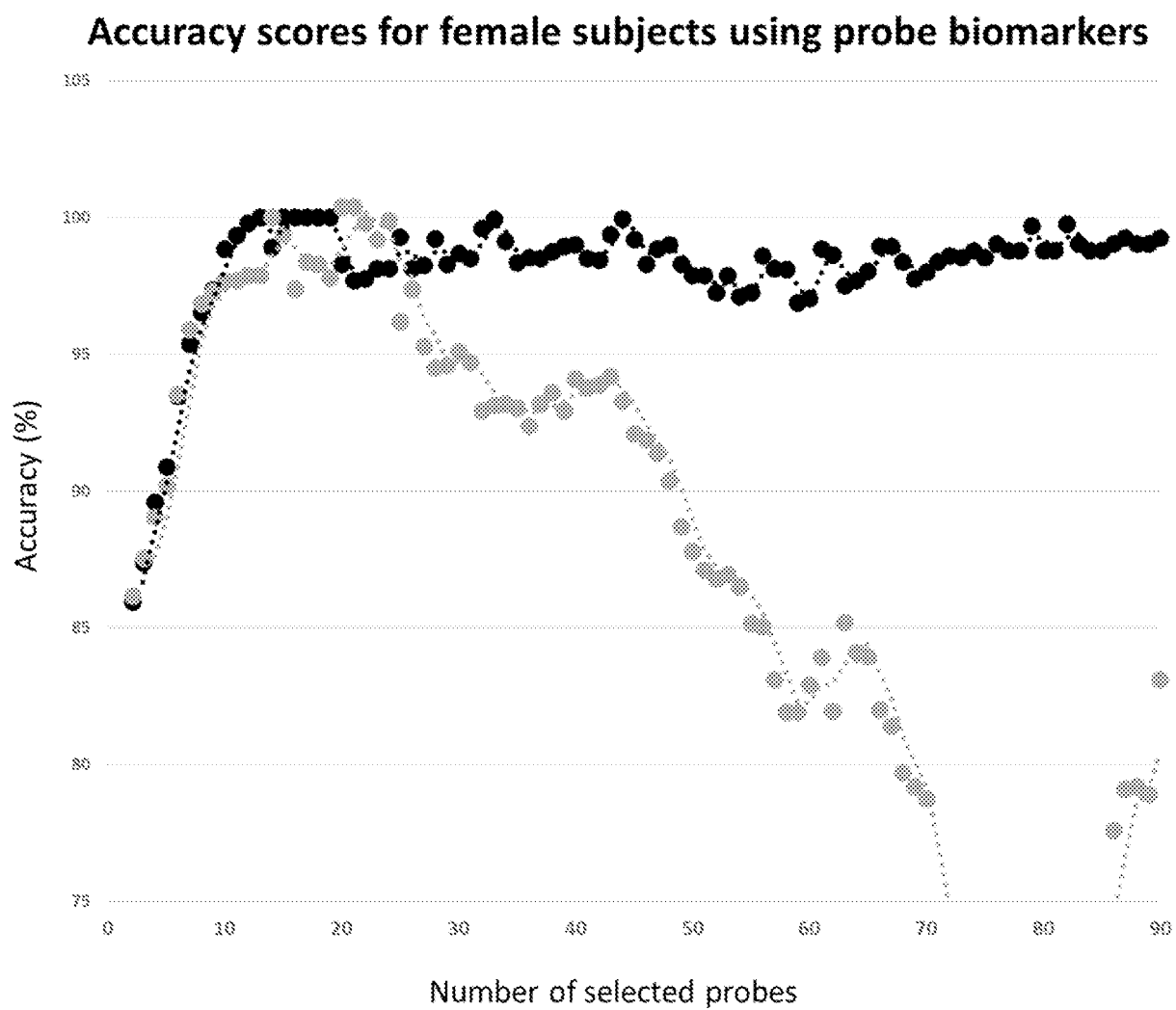


FIG. 4

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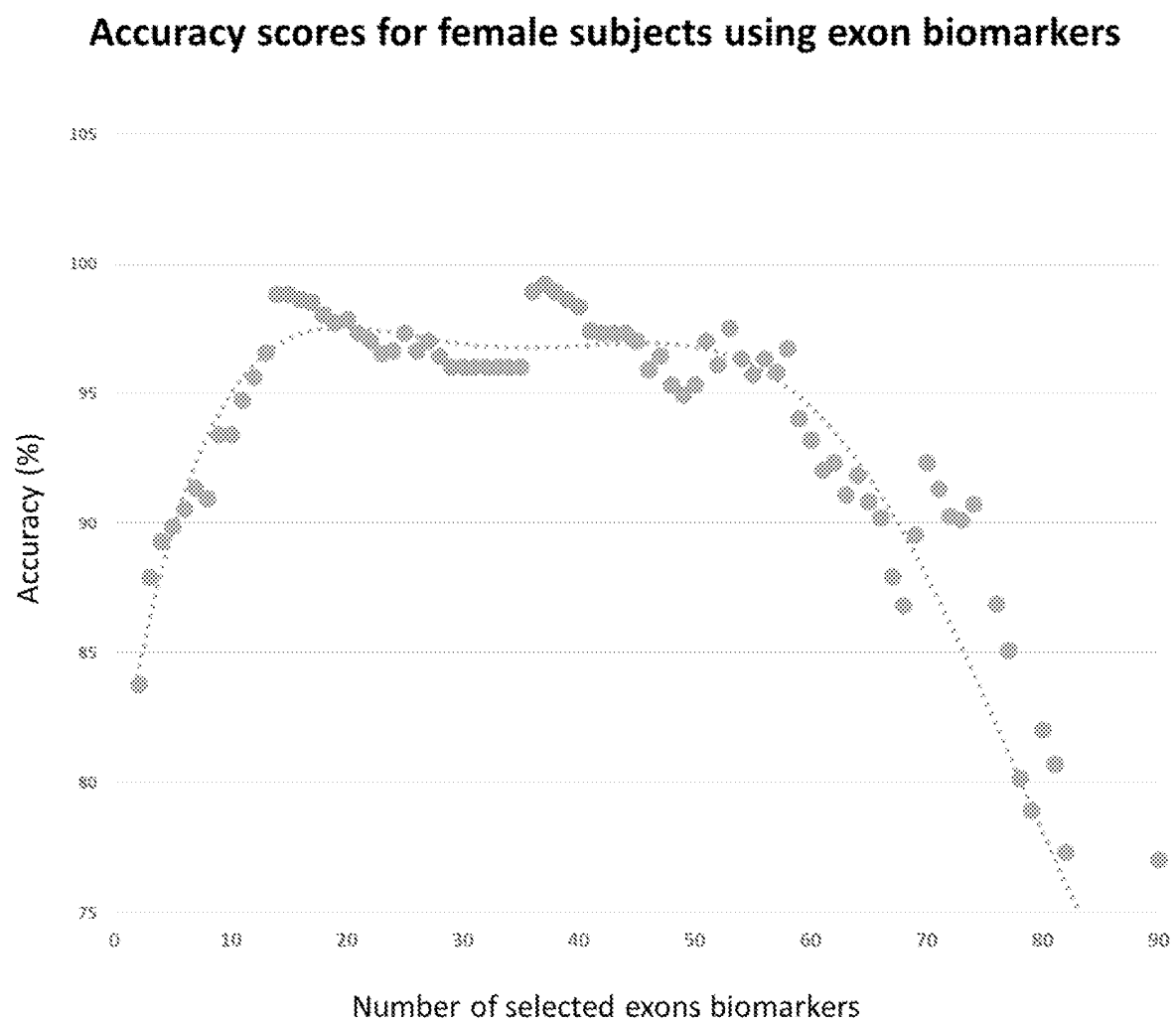


FIG. 5

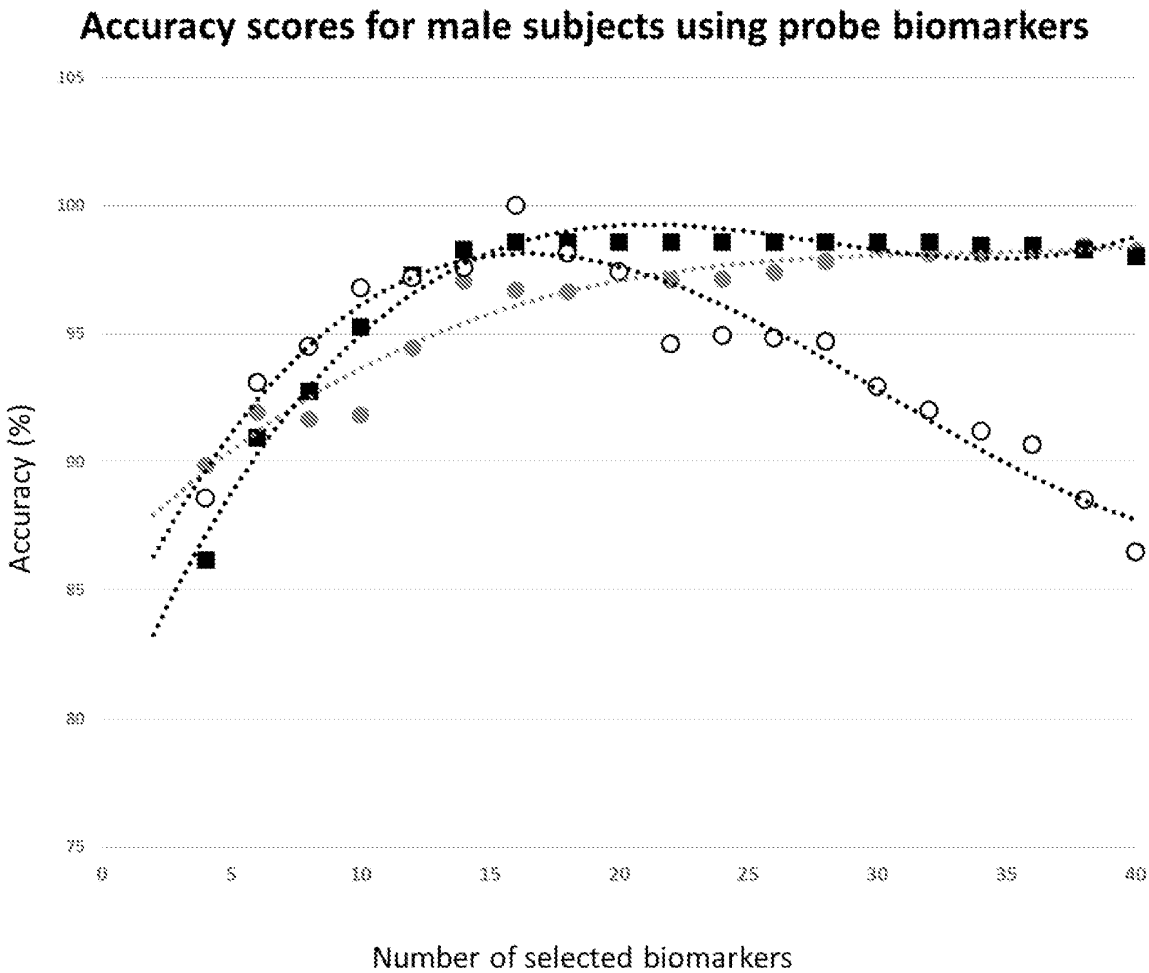


FIG. 6

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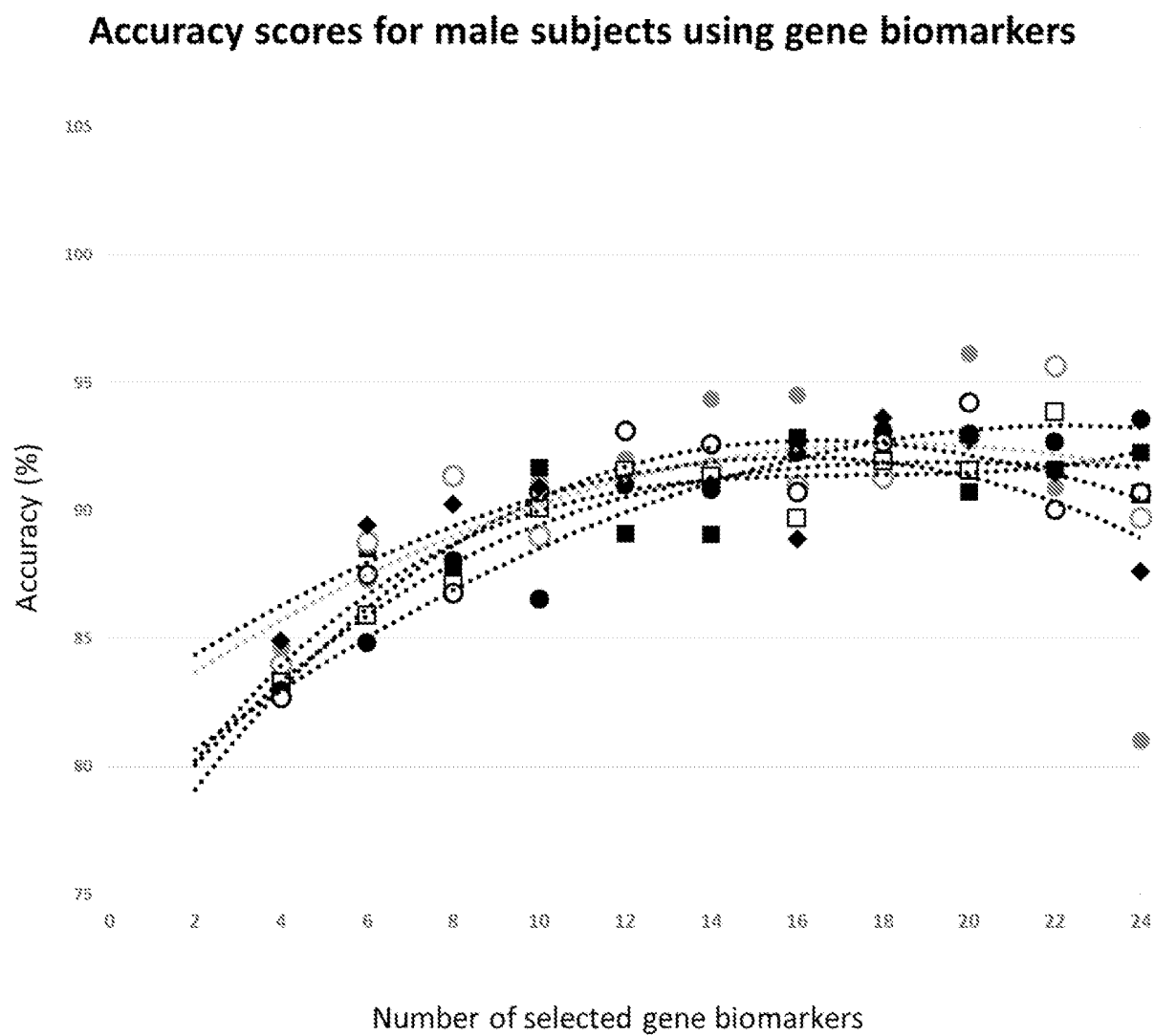


FIG. 7

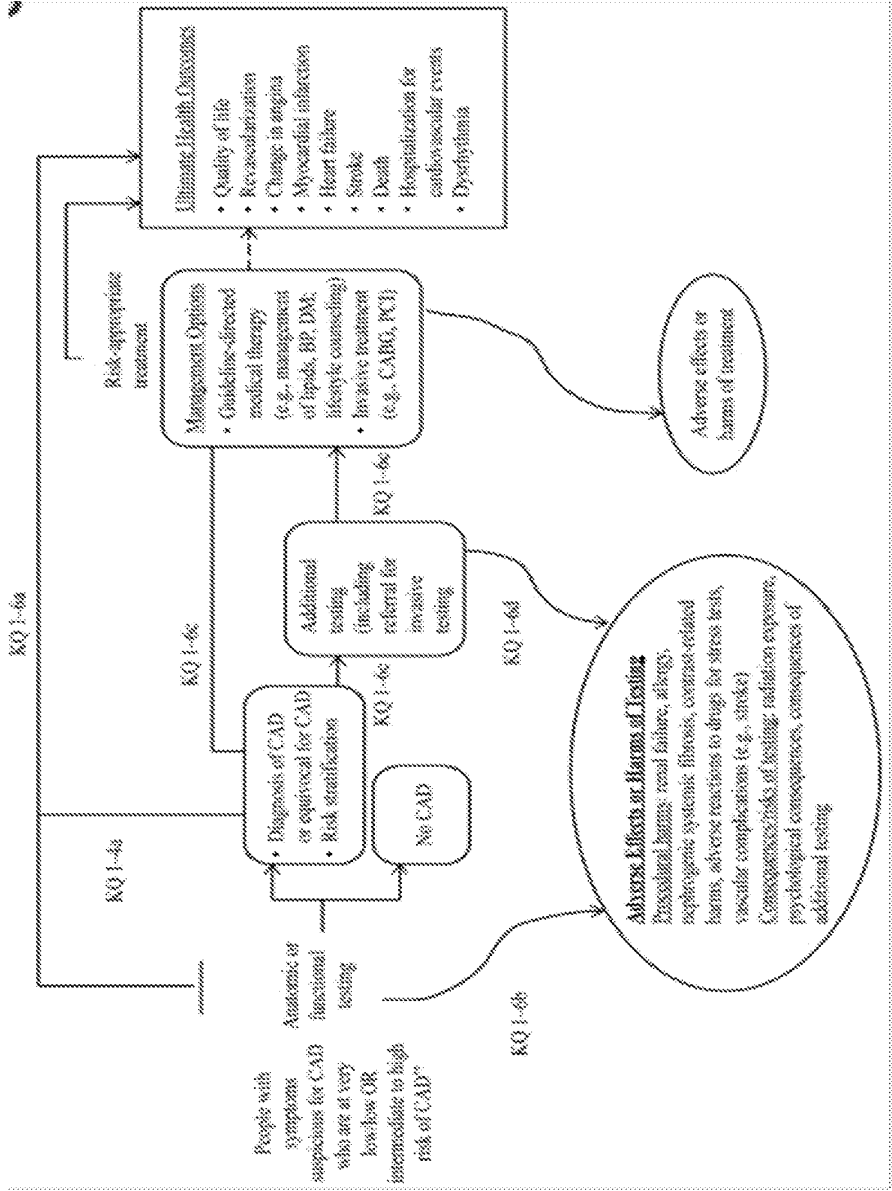


FIG. 8

Test	Population	Sensitivity	Specificity	PPV	NPV	LR +	LR -	Prevalence
Exercise Electrocardiography	Overall [*]	67%	48%	41%	72%	NR	NR	NR
	Suspected CAD	62%	68%	57%	72%	1.94	0.56	41%
Stress Echocardiography	Overall [†]	84–87%	72–77%	85–89%	69–73%	3.08–3.65	0.18–0.21	66–88%
	Suspected CAD	88%	89%	93%	80%	8.35	0.13	64%
Single Photon Emission Computed Tomography	Overall	83–85%	77–85%	79–85%	79–85%	3.56–5.13	0.18–0.22	50%
	Suspected CAD	83–84%	79–85%	72–85%	84%	3.88–5.01	0.19–0.21	41% [‡]
Positron Emission Tomography	Overall	82–90%	86–88%	93–96%	53–84%	5.57–5.88	0.11–0.21	63–80%
	Suspected CAD	90–91%	82–91%	94%	75–84%	4.97–8.89	0.11	75% [‡]
Stress Magnetic Resonance Imaging	Overall	83%	86%	94%	68%	5.93	0.20	71%
	Suspected CAD	81%	87%	93%	70%	6.39	0.21	67%
Coronary Artery Calcium Scoring	Suspected CAD	98–99%	35–40%	65–68%	93–95%	1.51	0.04	55–56%
Coronary Computed Tomography Angiography (Low radiation dose) [§]	Suspected CAD	100%	89%	93%	99%	9.2	0.00	58%
Coronary Computed Tomography Angiography (Radiation dose not specified)	Suspected CAD	98.2%	81.6%	90.5%	99.0%	NR	NR	59.9% (28–85%)

CAD = coronary artery disease; LR + = positive likelihood ratio; LR - = negative likelihood ratio; angiography; NPV = negative predictive value; NR = not reported; PPV = positive predictive value

* Values for diagnostic test measures are taken from or derived from systematic reviews cited in Appendix E.

† Values reported are for combined groups of patients with known CAD and patients with suspected (but not confirmed) CAD.

‡ Mean prevalence only available or calculable for one of the two included reviews.

§ All included studies used prospective electrocardiography gating for CT, uses much lower radiation doses than other techniques.

FIG. 9

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	Screening				Final Visit/ET
Visit	-7 to -14 days	0	6 M	12M	
Informed Consent	X				
Medical History	X				
Medication History	X				
Inclusion/Exclusion	X				
Demographics	X				
Concomitant Medications	X				
Physical Examination	X				
Height, Weight, BMI	X				
HR, BP, RR, Temp	X				
12-lead ECG or Telemetry	X				
Adverse Events		X	X	X	X
Blood Sample Collection for Mycor [®]	X	X			
Cardiac Imaging		X			
Prognosis			X	X	X

FIG. 10