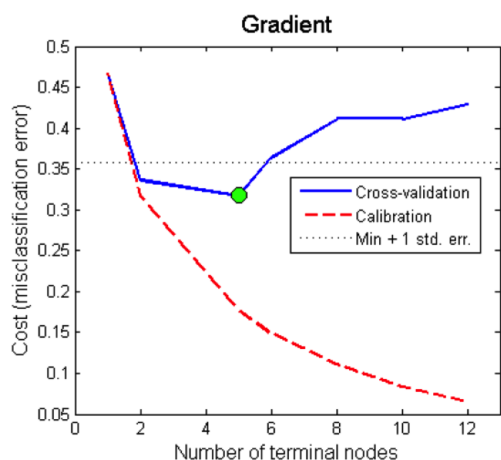
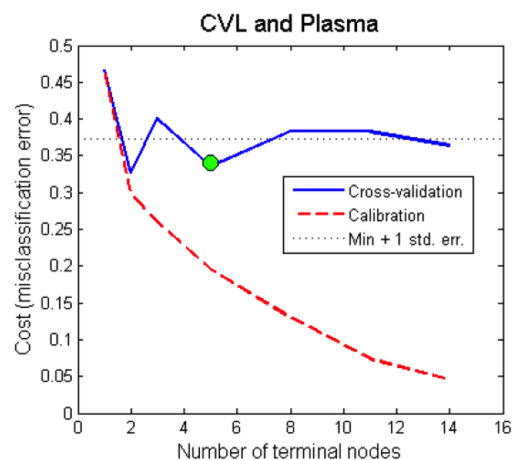
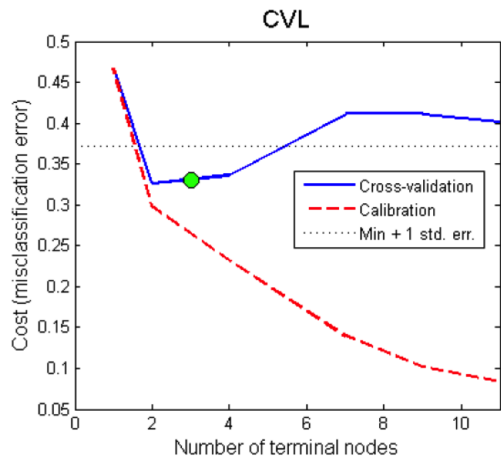
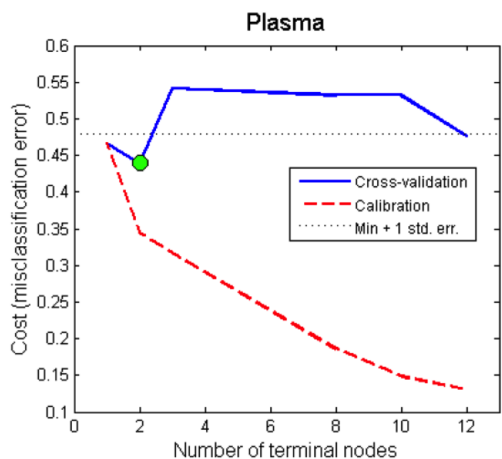


## Supplemental Digital Content 1.

Table illustrating the proportion of participants with detectable cytokines in genital and plasma specimens

Cytokine	Cervicovaginal lavage (N=107)		Plasma (N=107)	
	Lowest	Samples	Lowest	Samples
	detected	with	detected	with
	concentration	detectable	concentration	detectable
	(pg/ml)	concentrations (%)	(pg/ml)	concentrations (%)
IL-1 $\alpha$	3.46	100	7.23	12
IL-1 $\beta$	0.03	98	0.01	61
IL-6	0.02	100	0.01	89
TNF- $\alpha$	0.03	100	0.56	100
GM-CSF	0.01	82	0.01	100
IL-8	3.99	100	0.02	69
IP-10	3.05	92	15.54	100
MCP-1	3.35	90	5.92	100
MIP-1 $\alpha$	3.30	32	0.42	64
MIP-1 $\beta$	0.21	59	5.13	93
IL-7	0.03	57	0.01	31
IL-10	0.02	82	0.48	44



**Supplemental Digital Content 2.** The figure illustrates the pruning of decision trees. For each tree, pruning was conducted by determining the number of terminal nodes that minimized both cross validation (blue line) and calibration error (red line). A green circle depicts the point chosen as the optimal tree.