

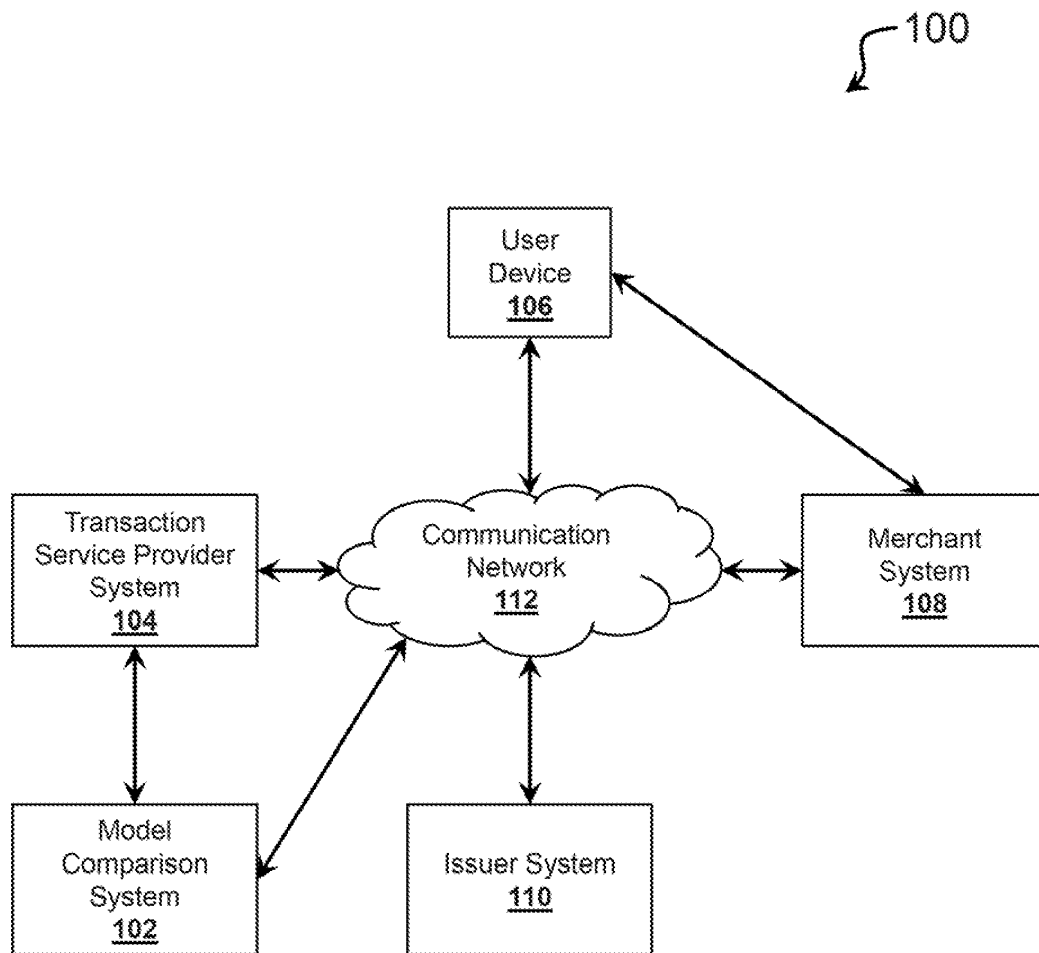


FIG. 1

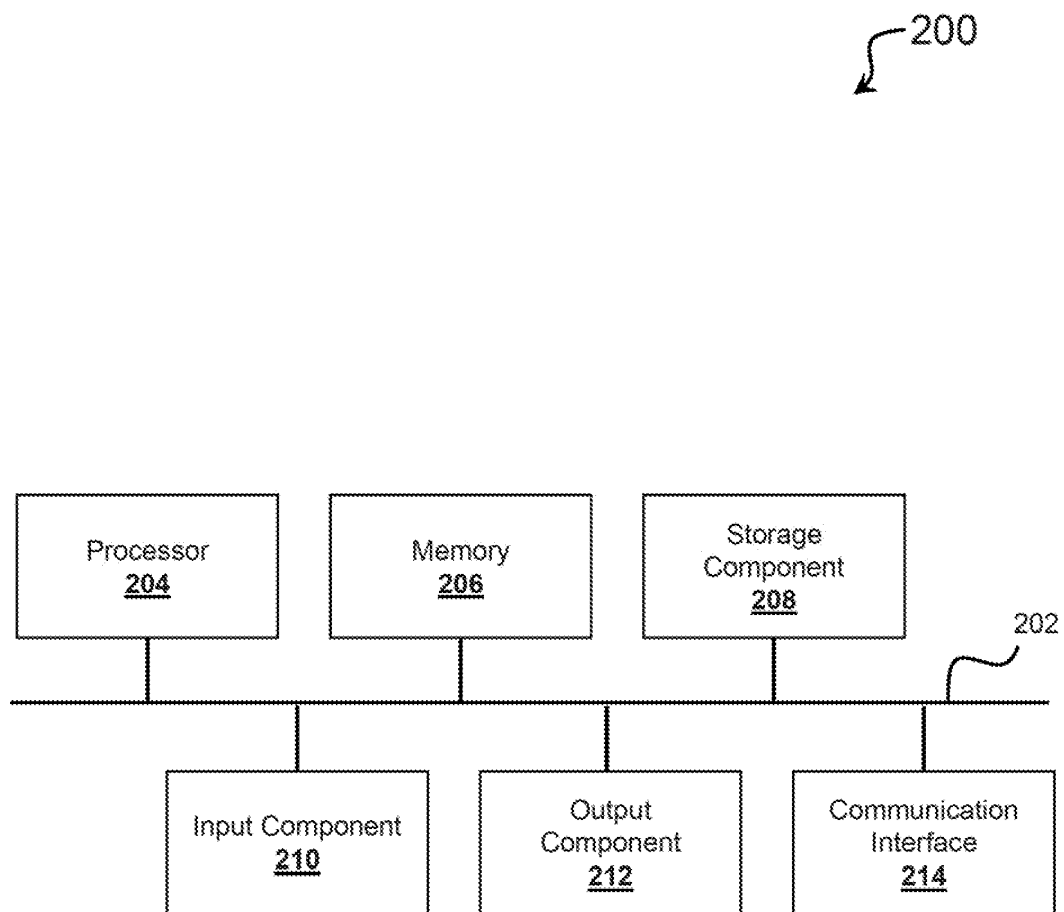


FIG. 2

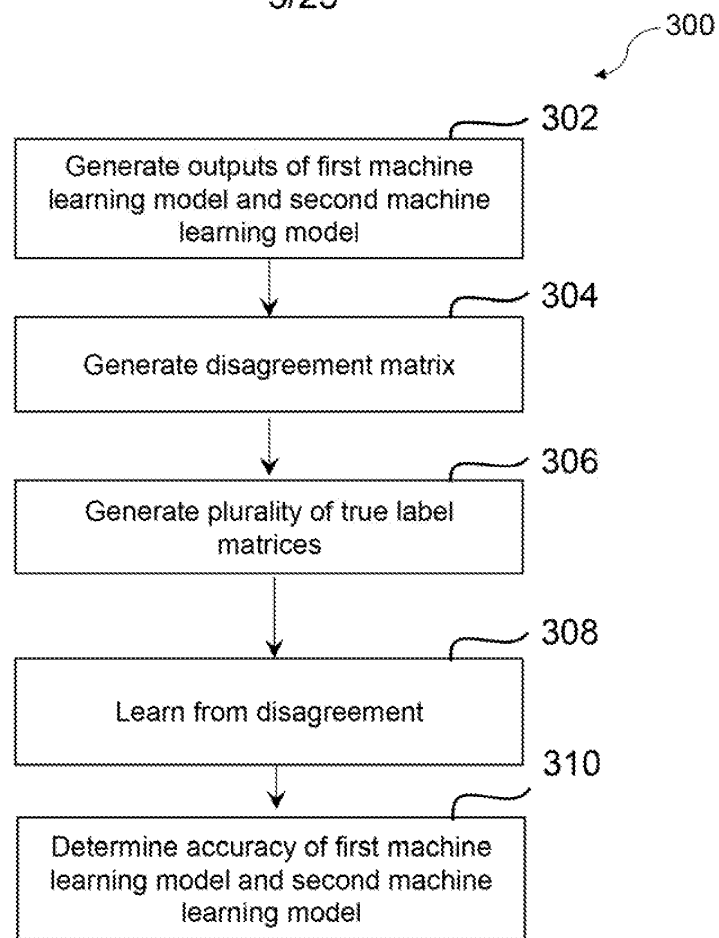


FIG. 3

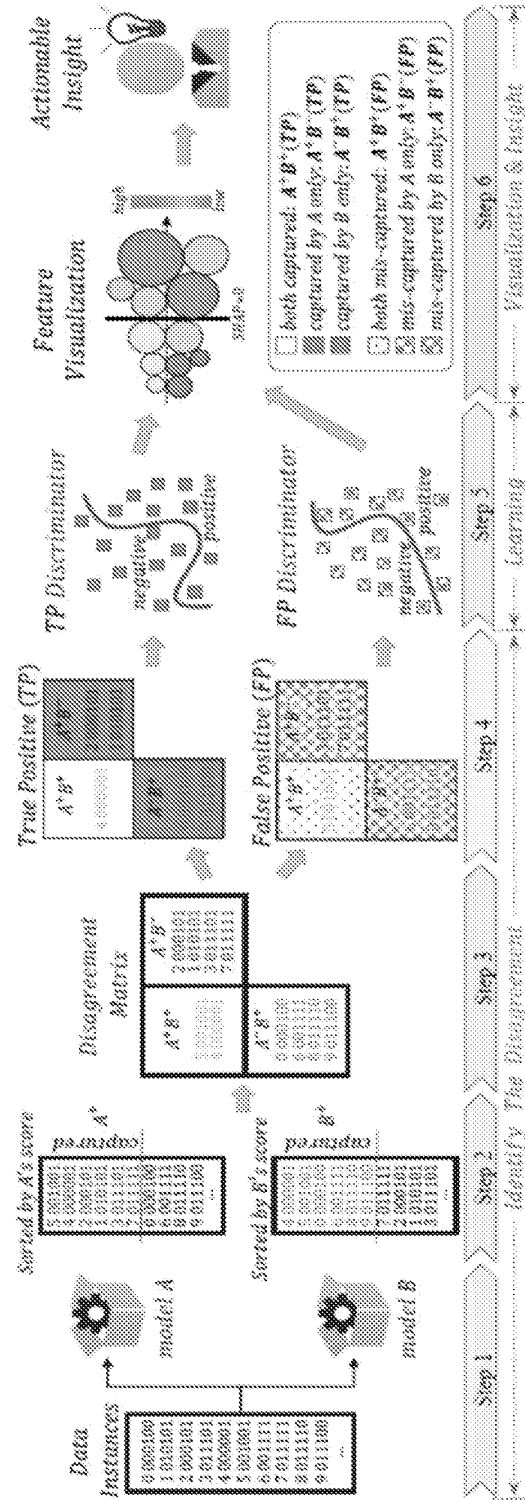


FIG. 4

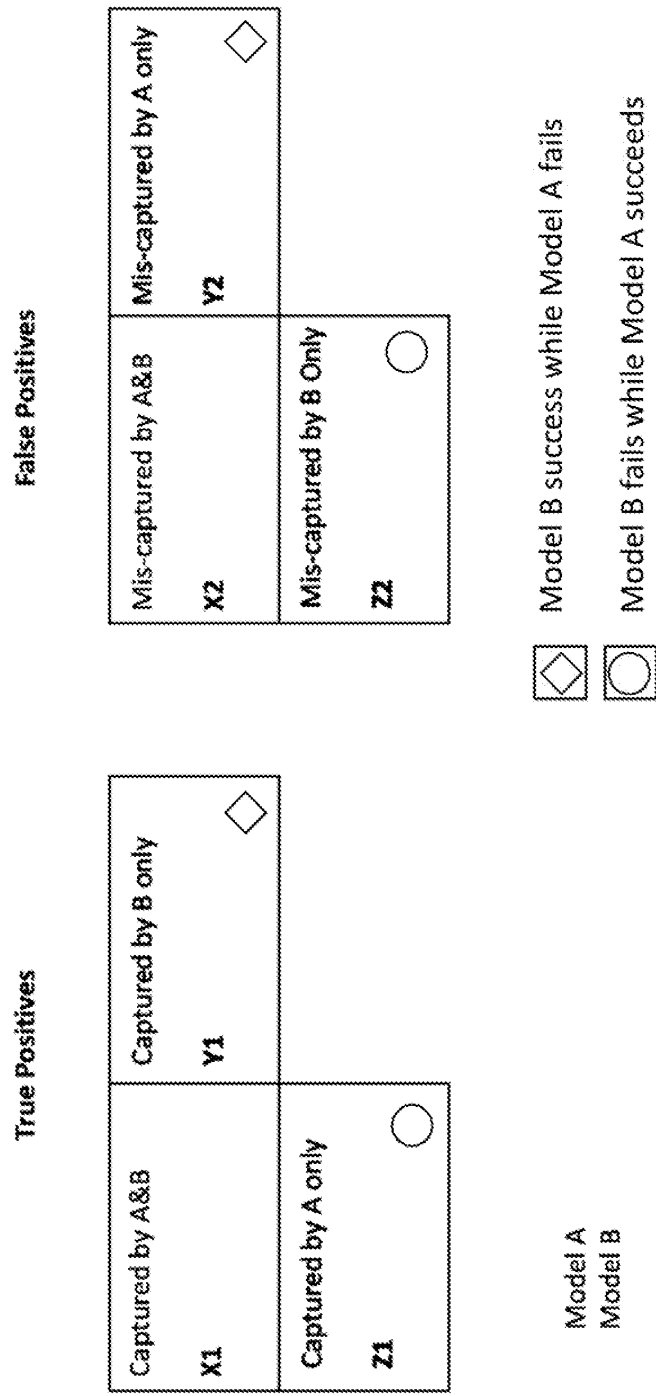


FIG. 5

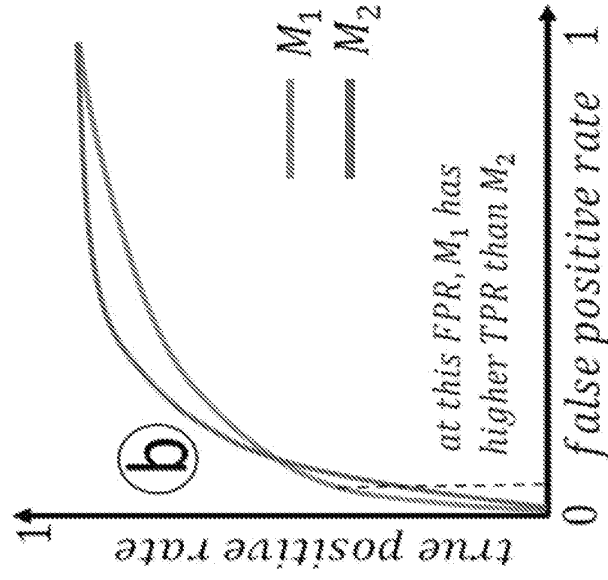


FIG. 6B

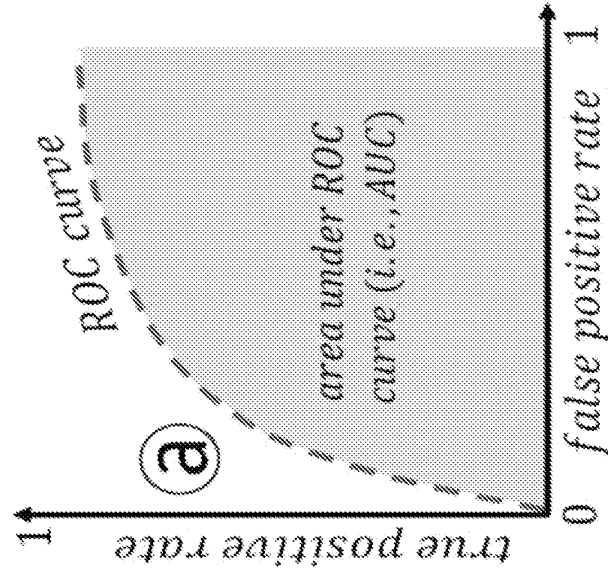


FIG. 6A

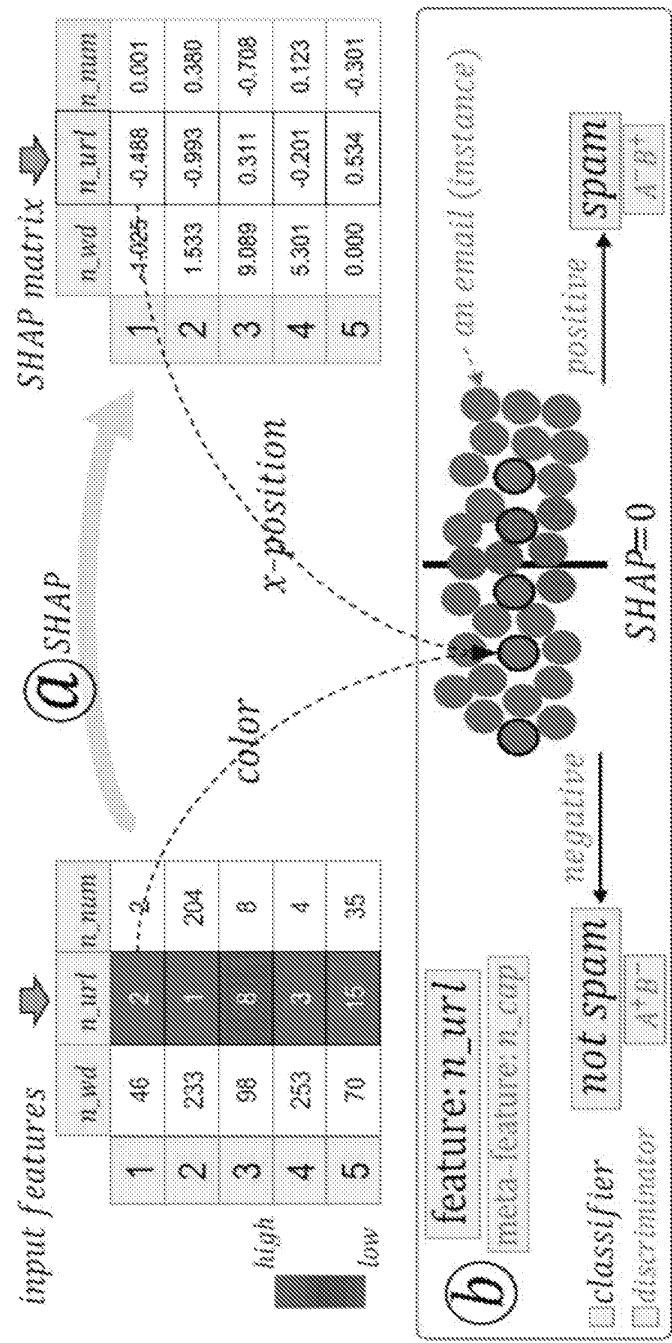


FIG. 7

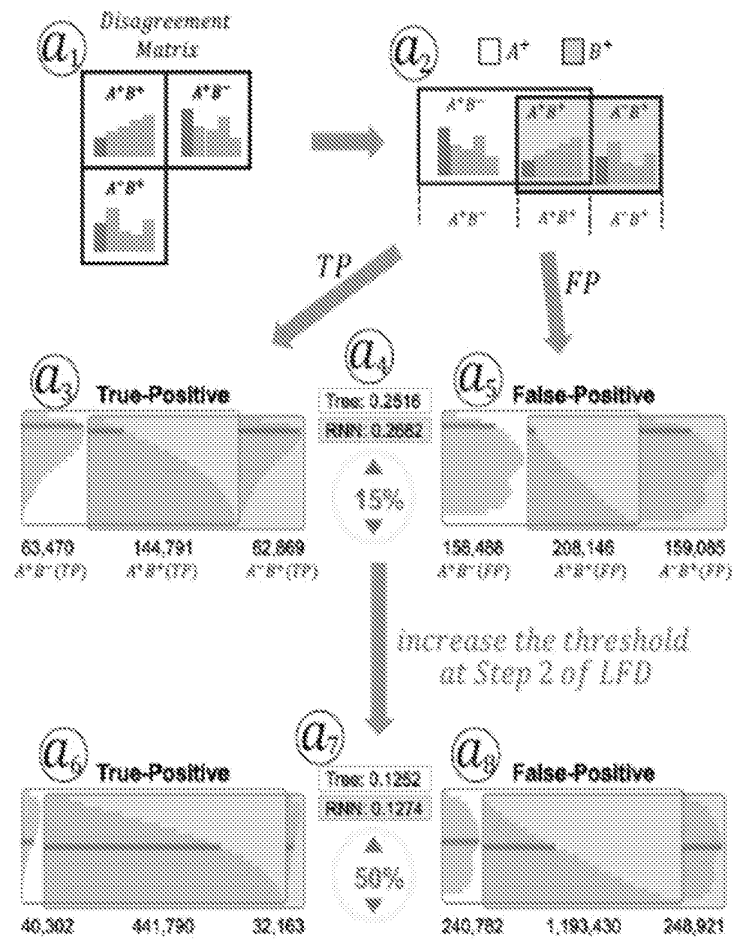


FIG. 8A

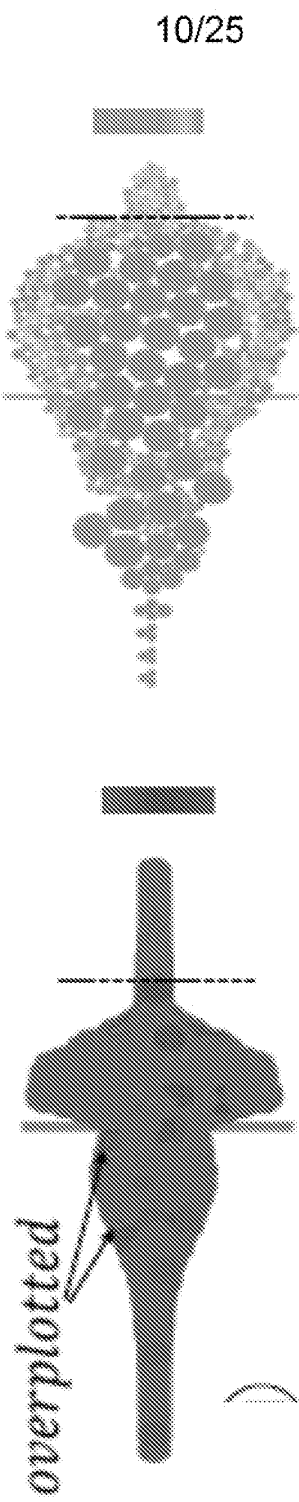


FIG. 9A

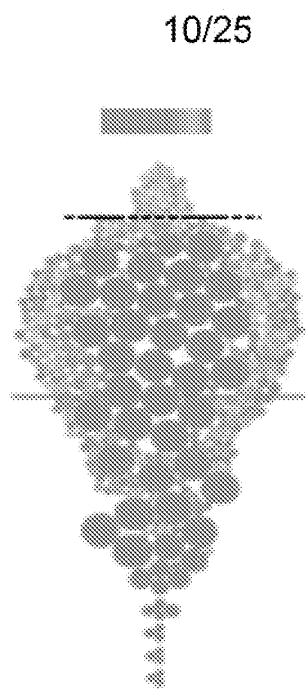


FIG. 9B

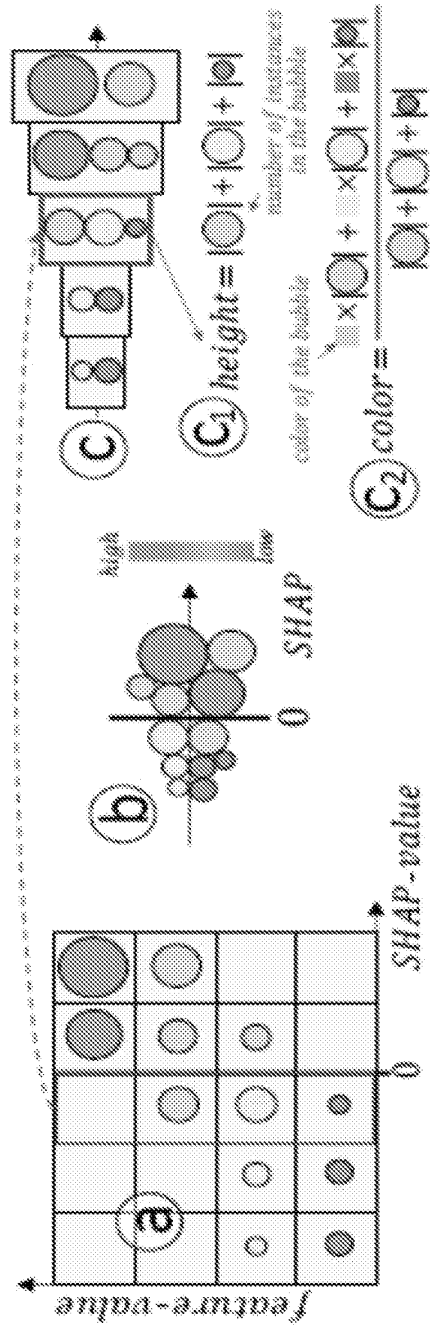


FIG. 10

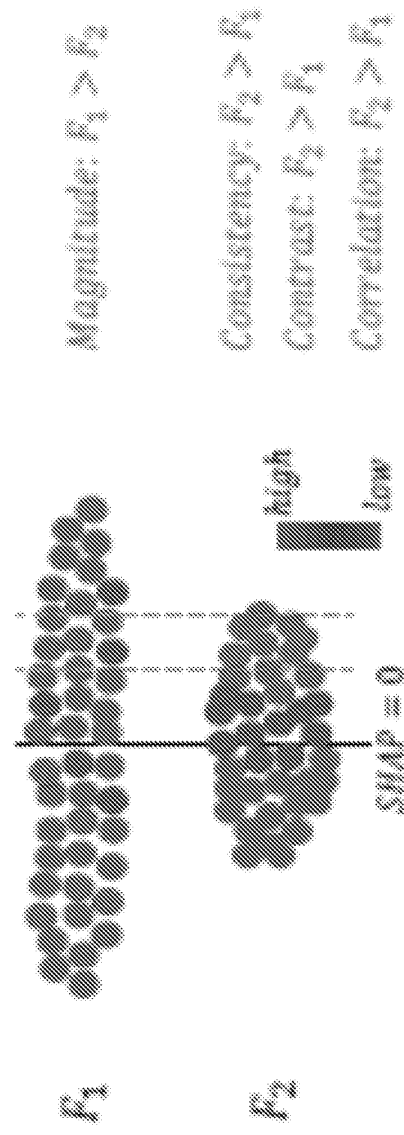


FIG. 11

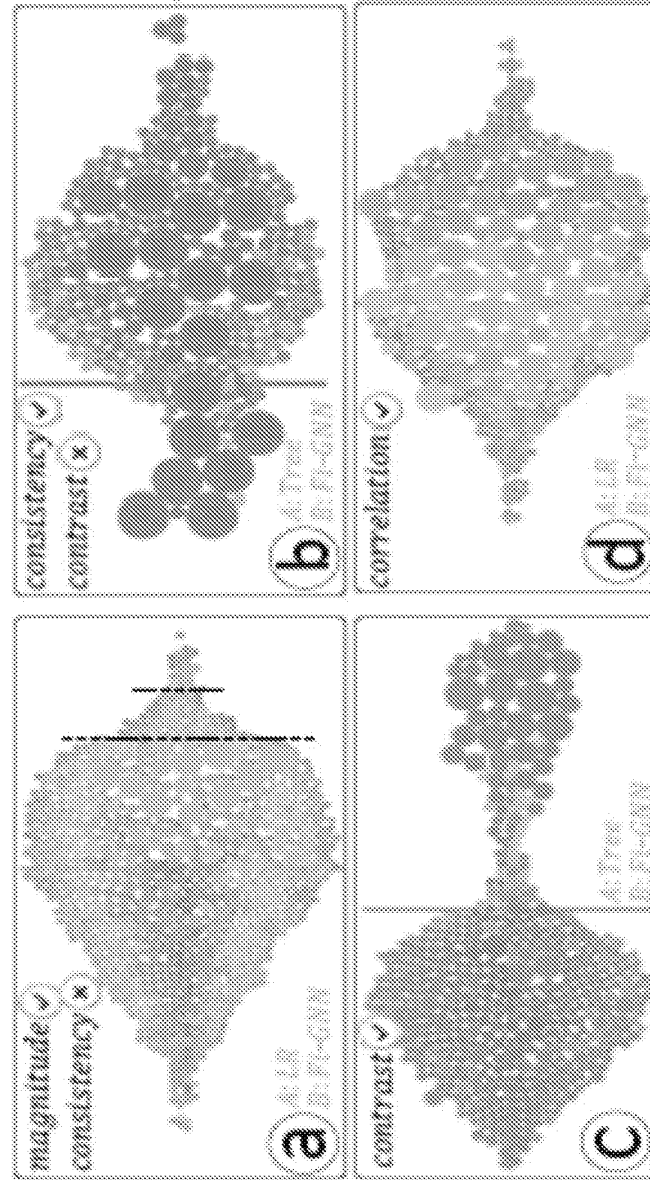


FIG. 12

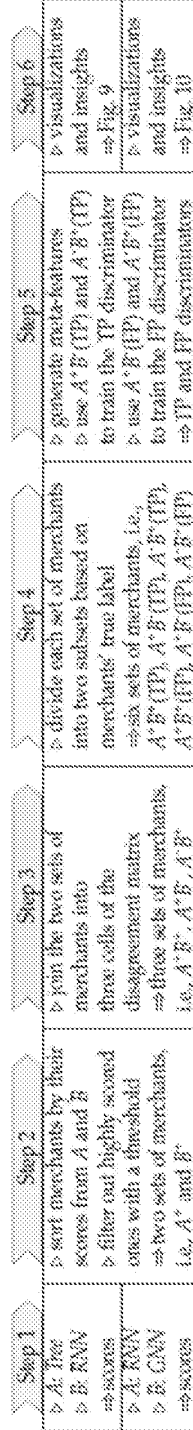


FIG. 13

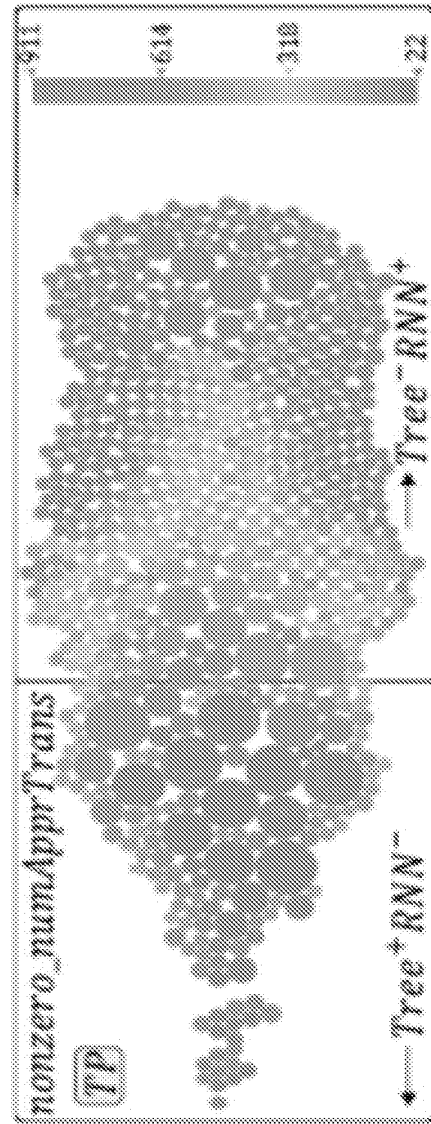


FIG. 14

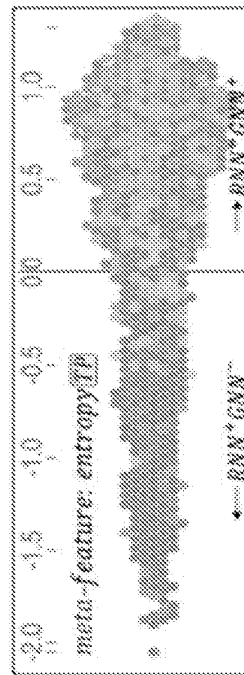


FIG. 15

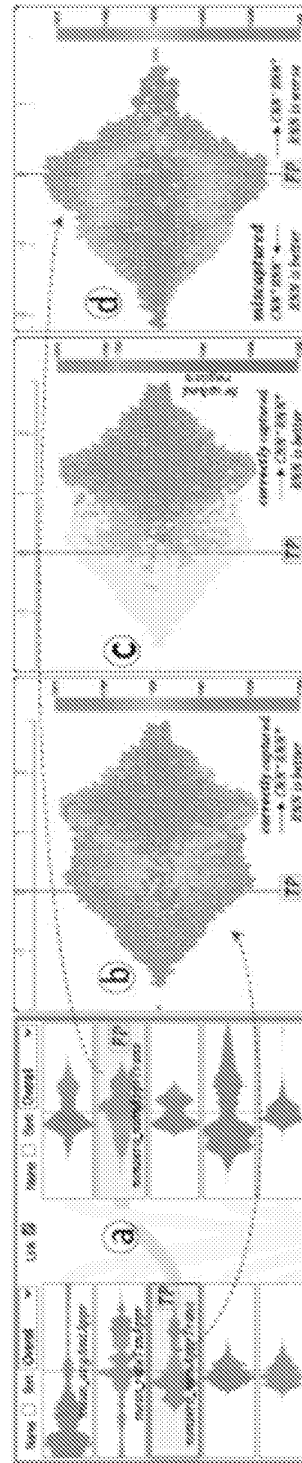


FIG. 16

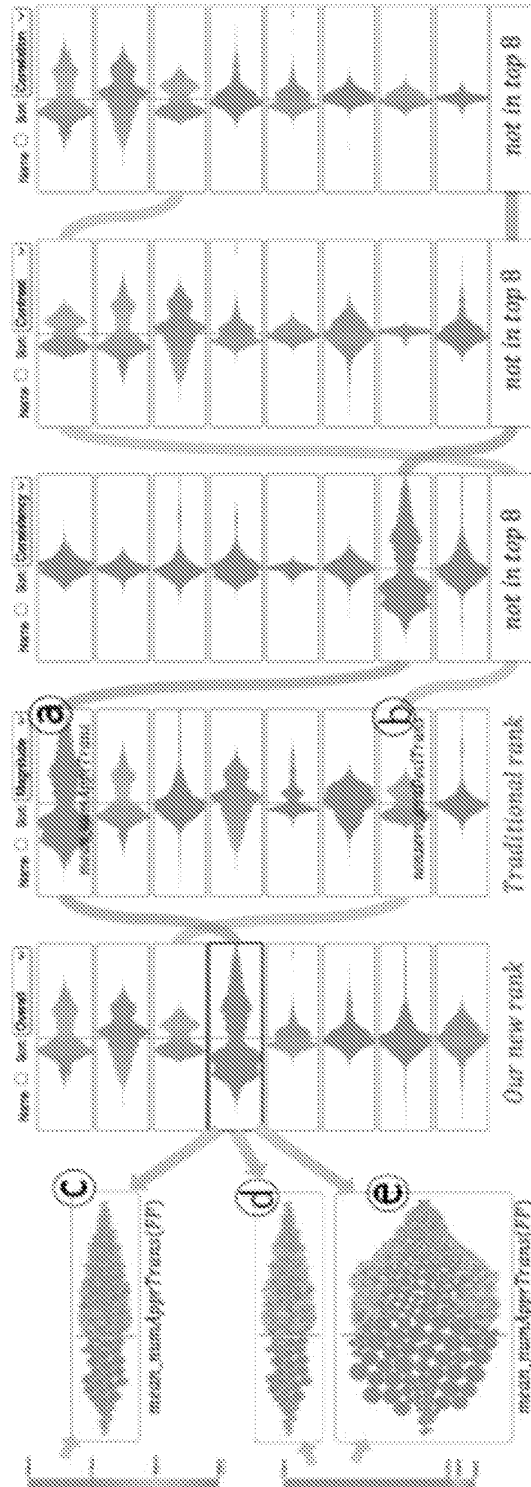


FIG. 17

Model	AUC (Day 9)	LogLoss (9)	AUC (10)	LogLoss (10)
LR	0.747349	0.379716	0.739194	0.401167
GNN	0.753254	0.377235	0.739651	0.400147
$Esb_{magnitude}$	0.756016	0.375891	0.745535	0.414997
$Esb_{consistency}$	0.752616	0.383943	0.744574	0.410970
$Esb_{contrast}$	0.756796	0.375351	0.746868	0.397326
$Esb_{correlation}$	0.756187	0.375575	0.745156	0.398449
$Esb_{overall}$	0.757125	0.375096	0.745980	0.397525

FIG. 18

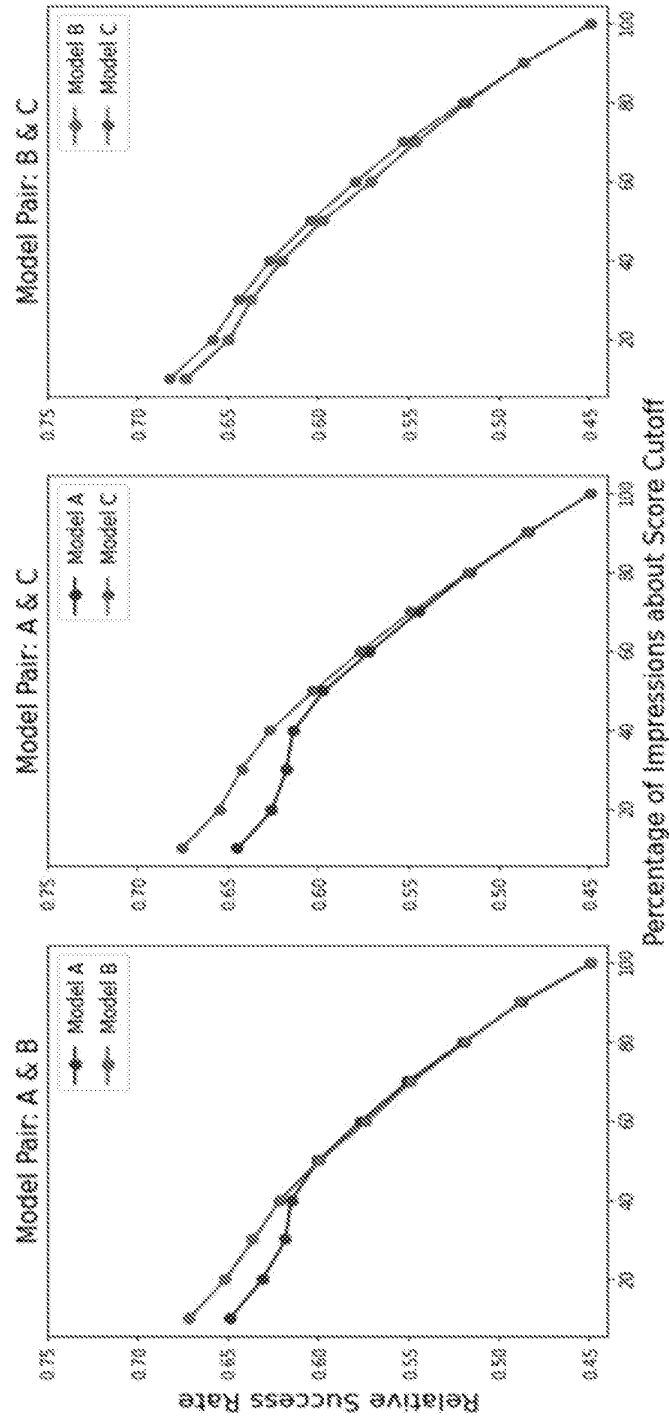


FIG. 19

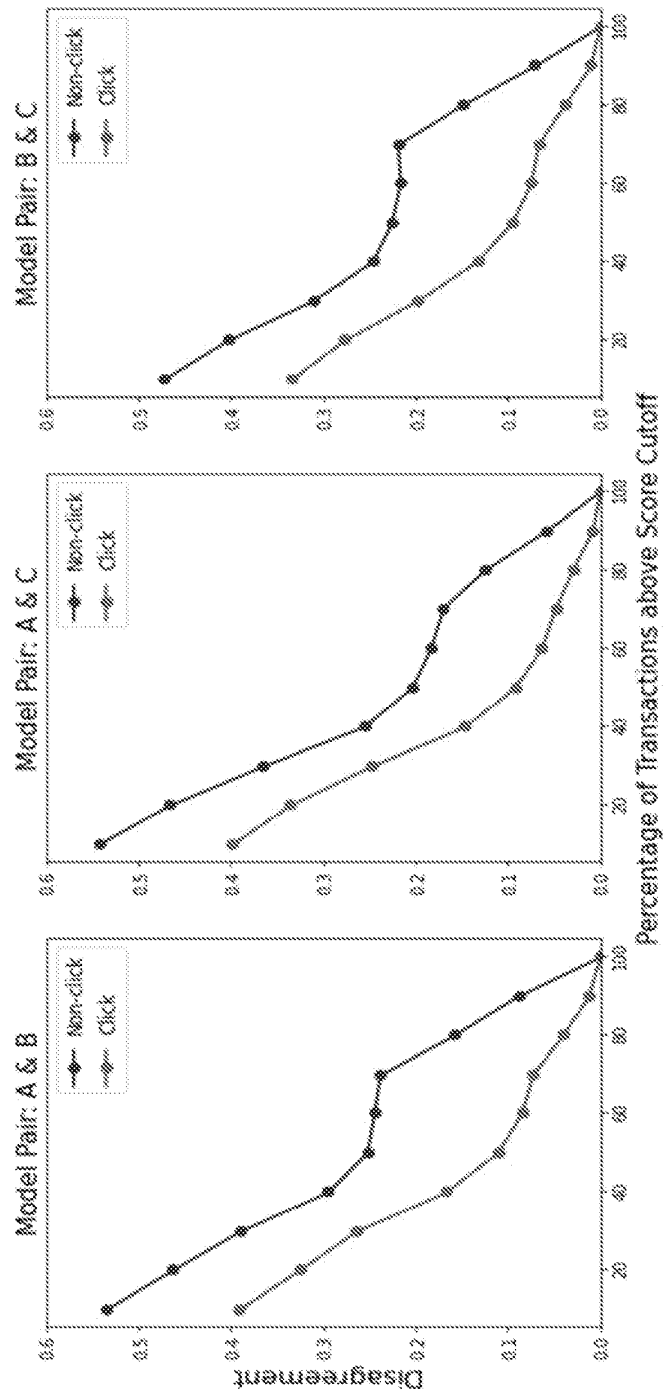


FIG. 20

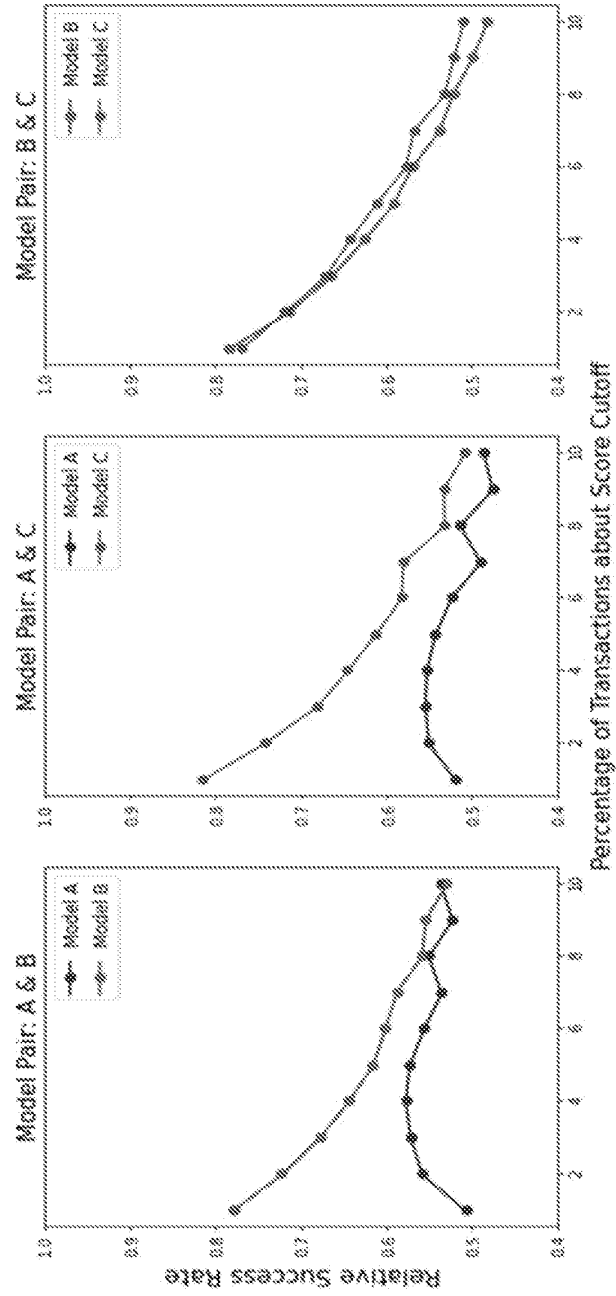


FIG. 21

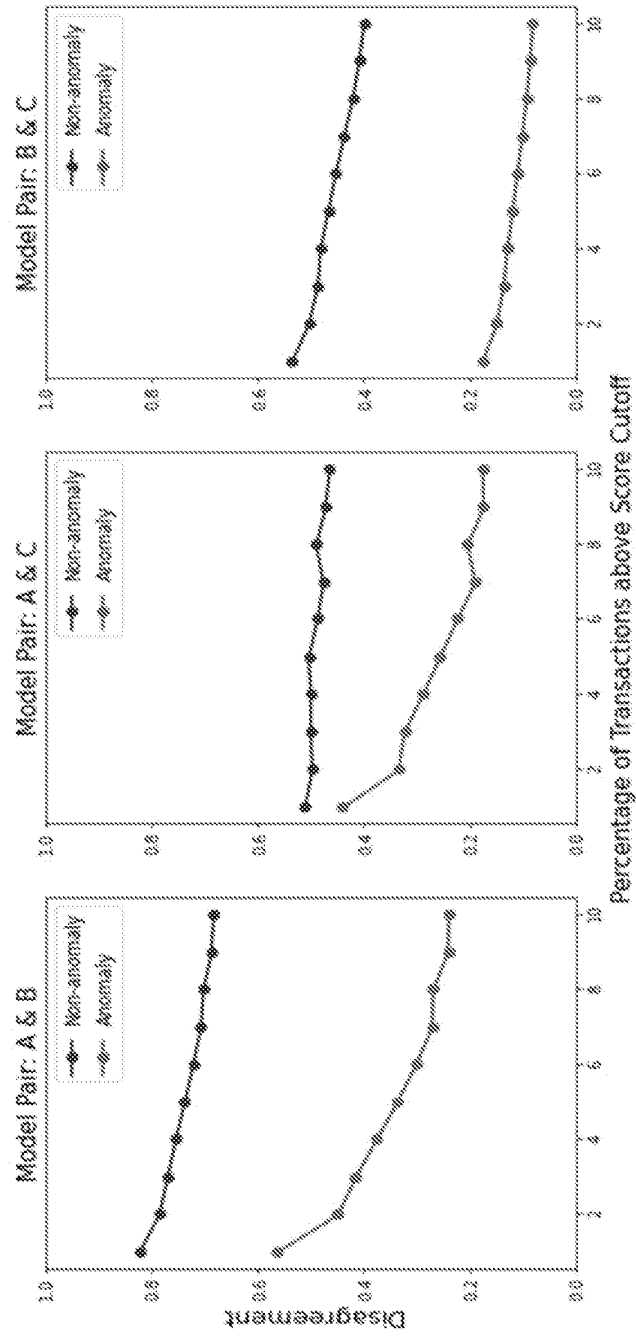


FIG. 22

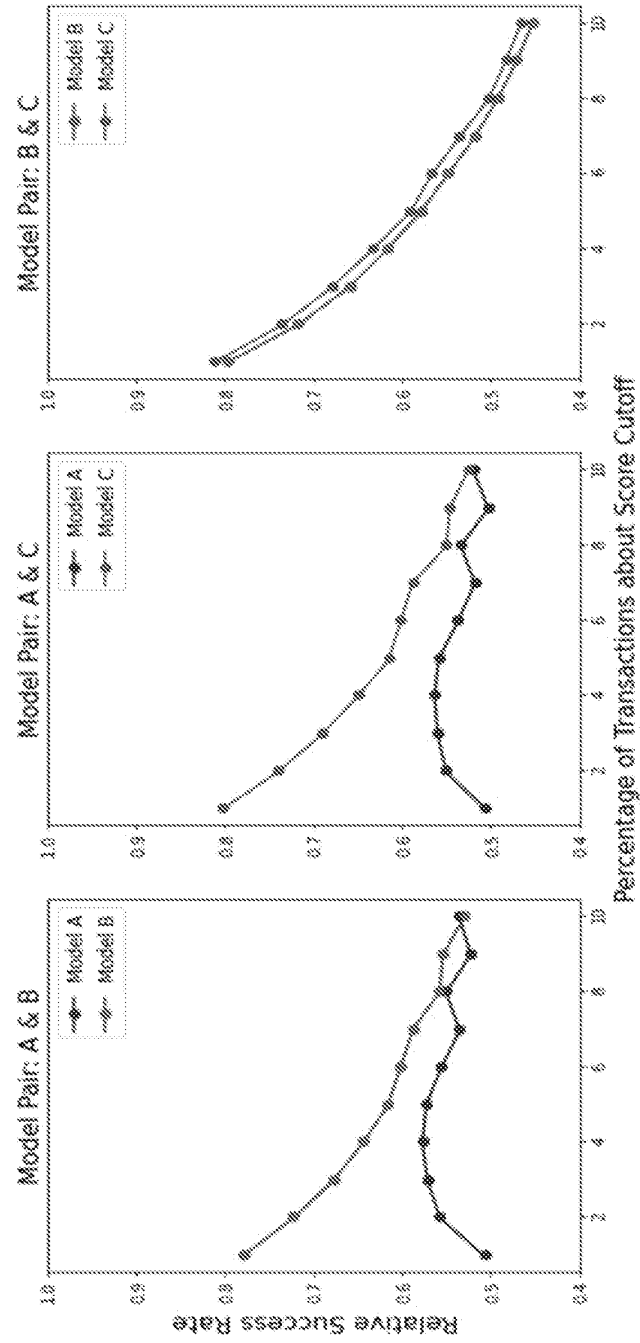


FIG. 23

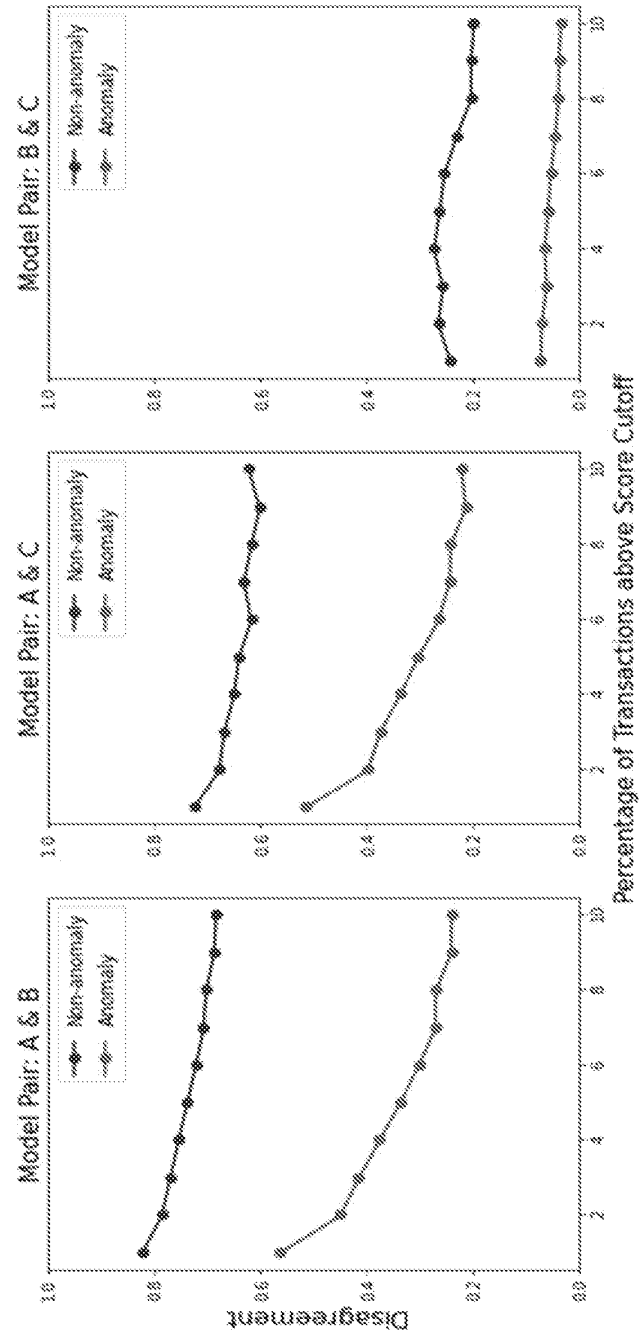


FIG. 24