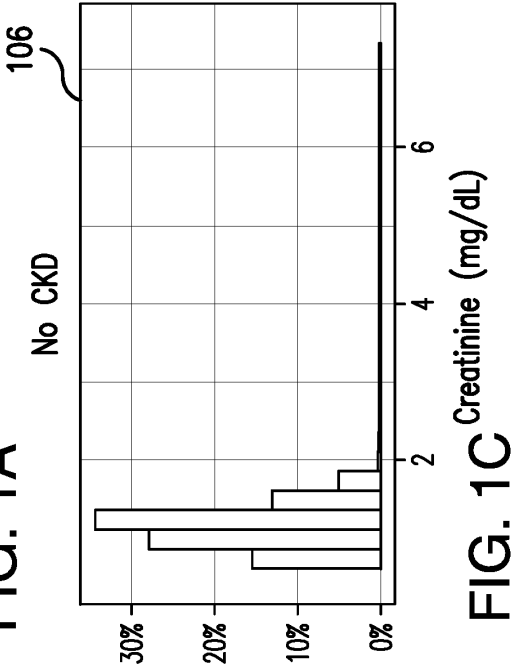
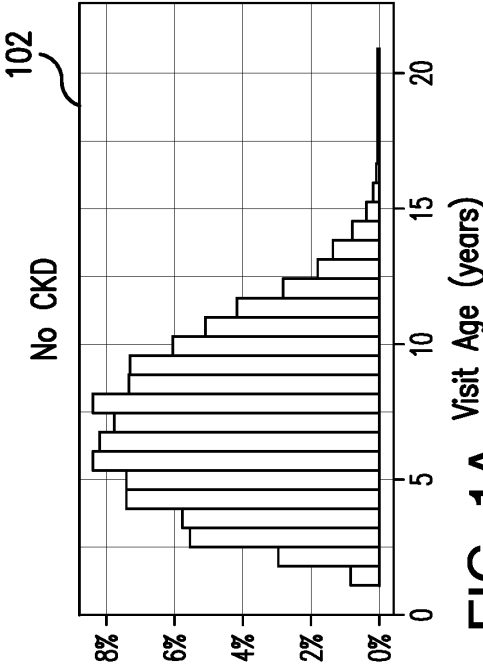
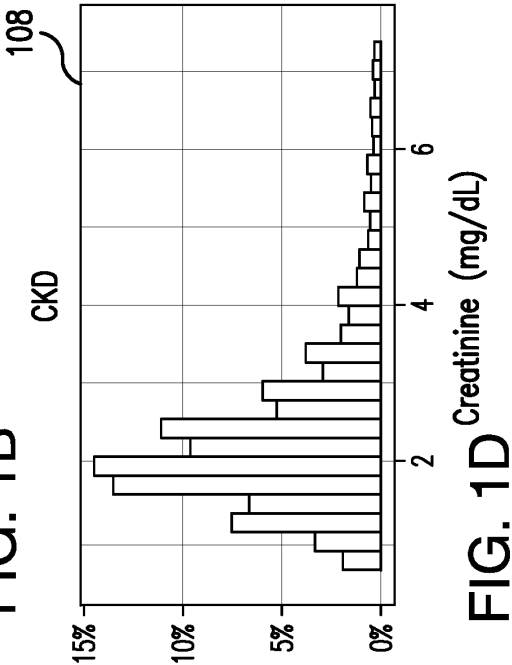
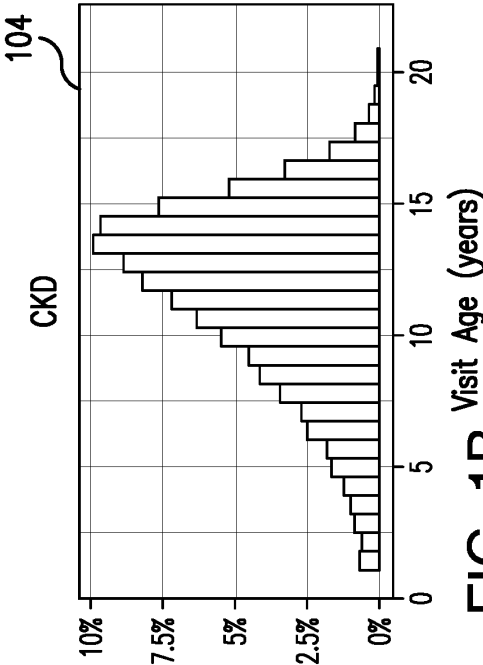
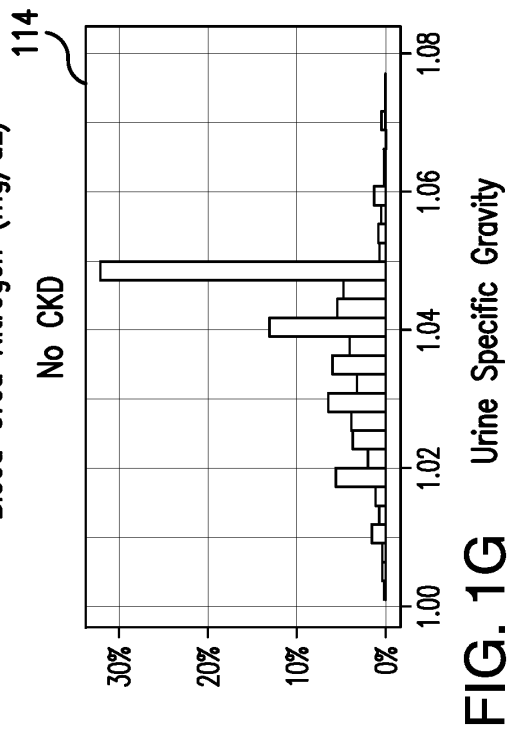
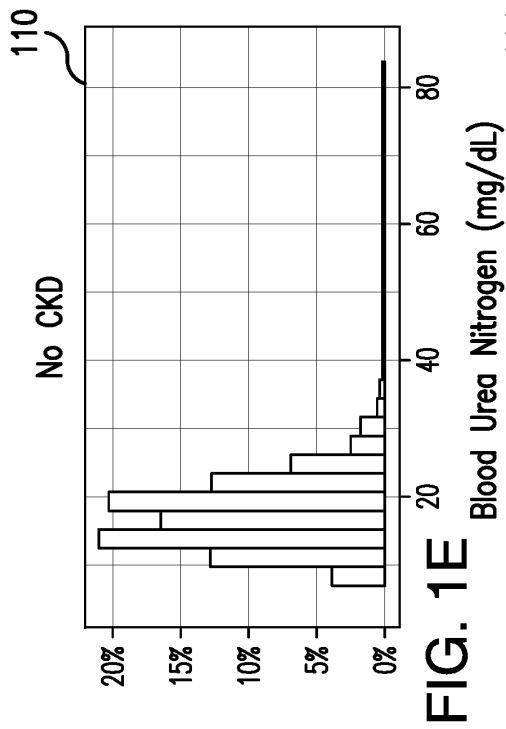
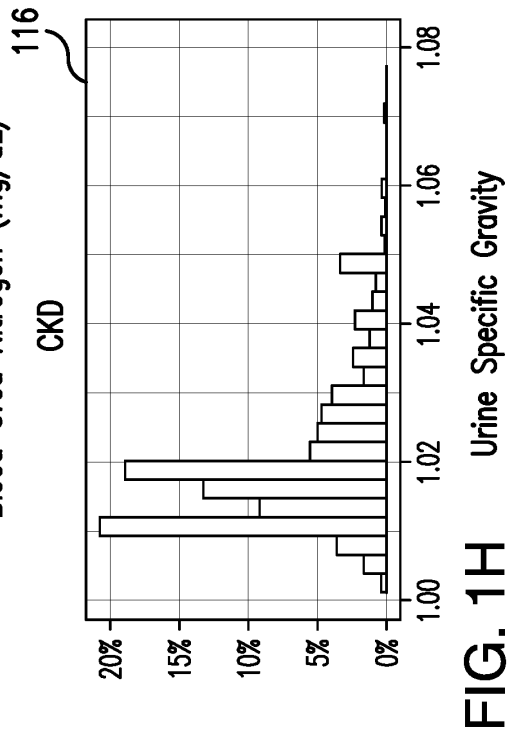
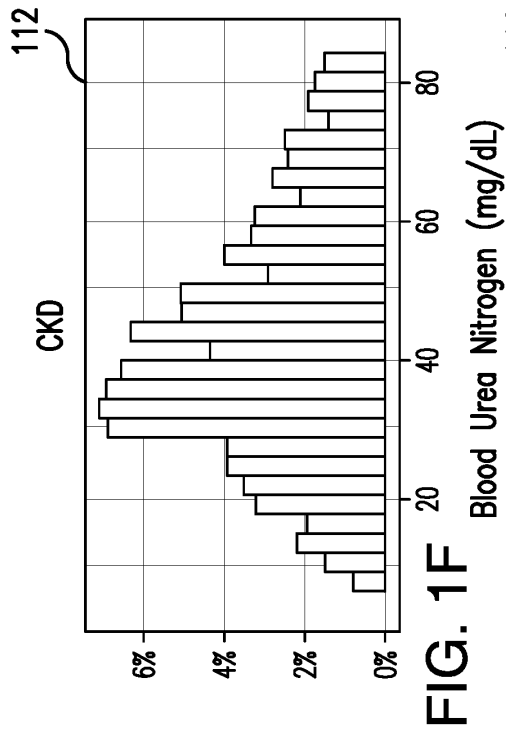
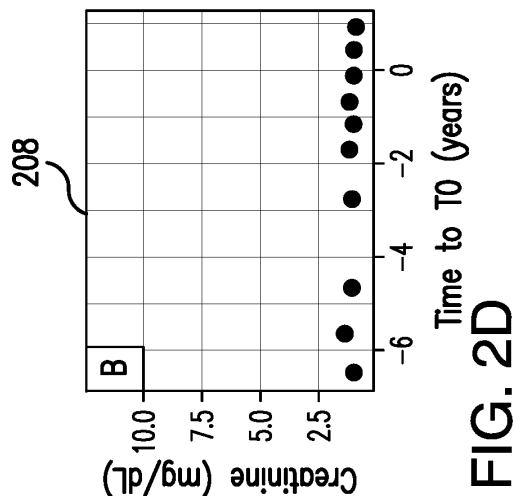
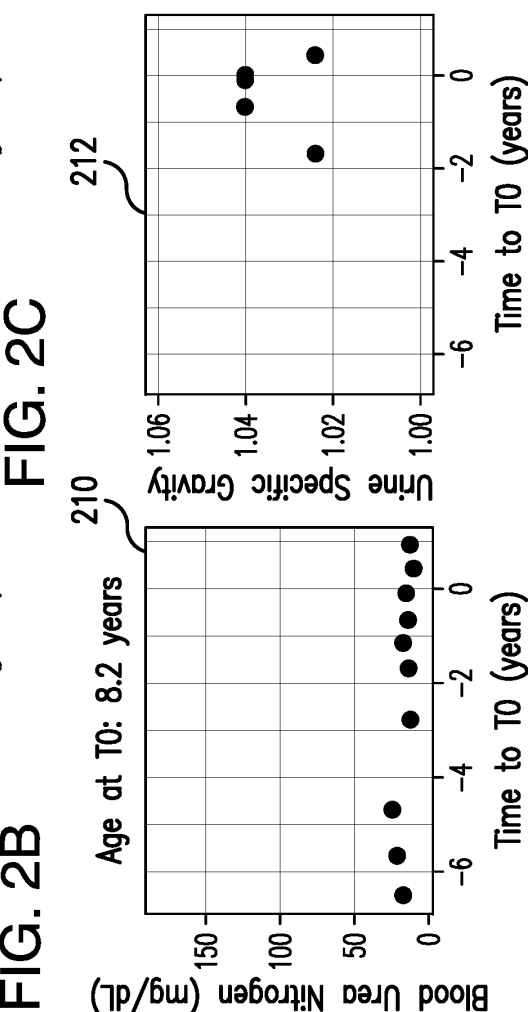
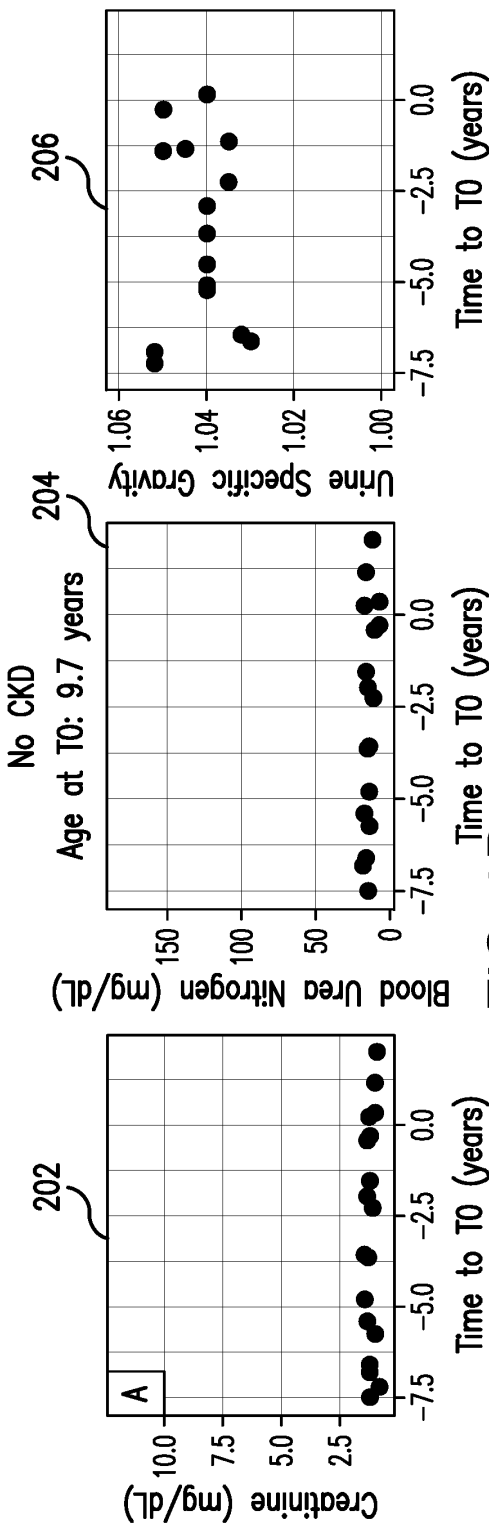
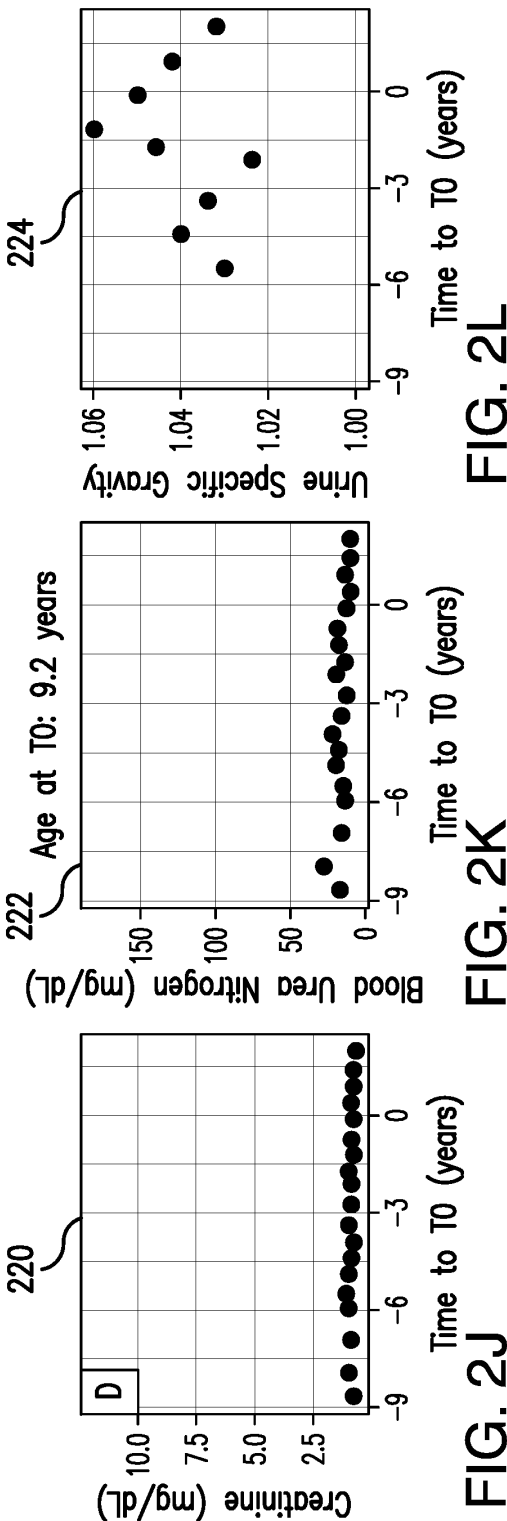
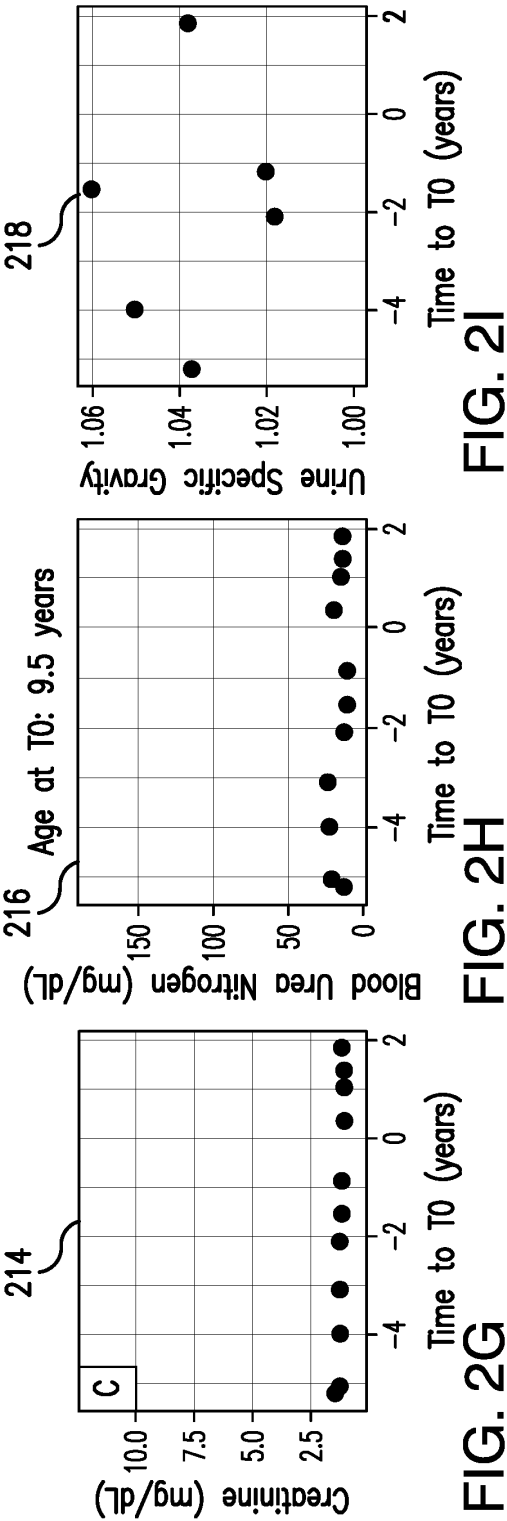
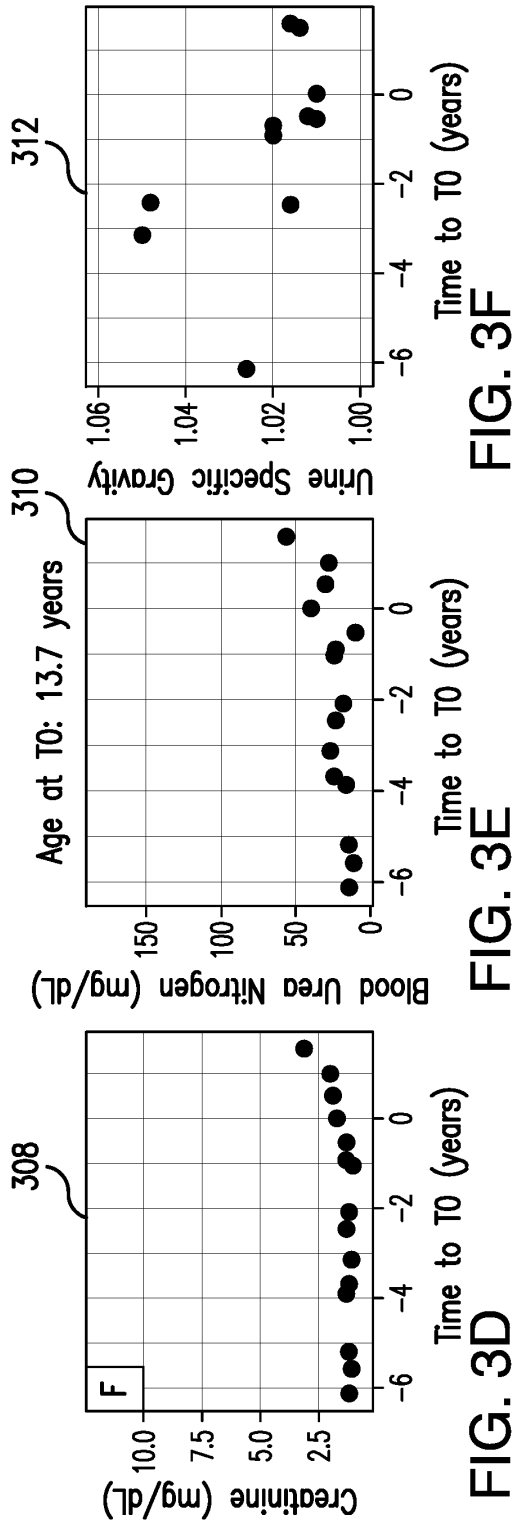
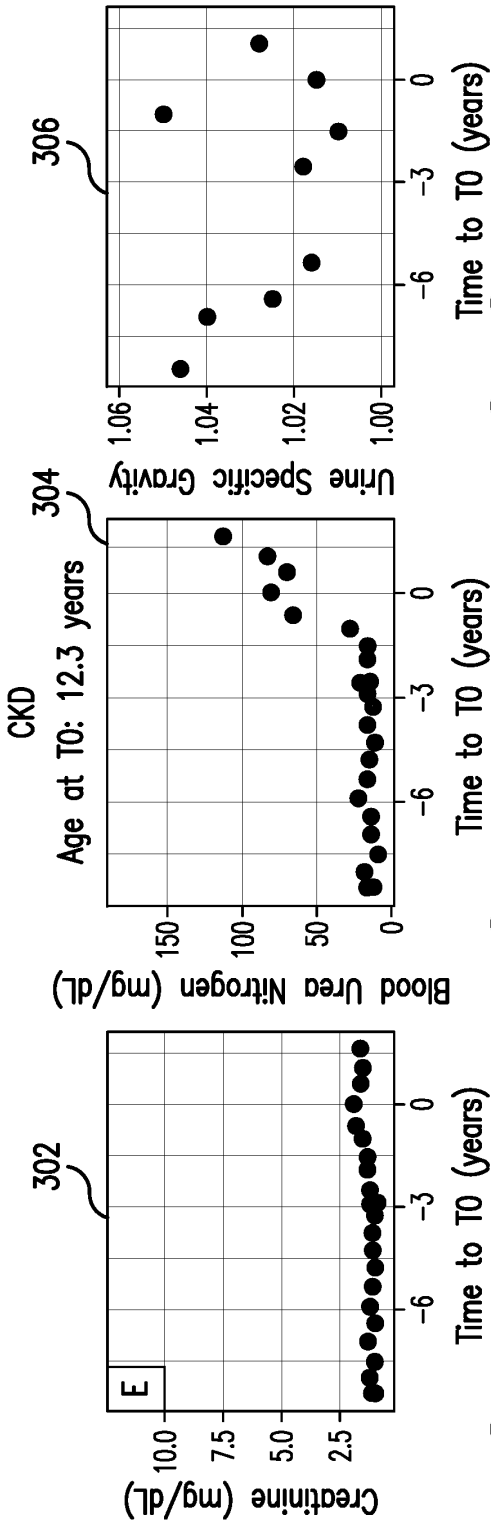


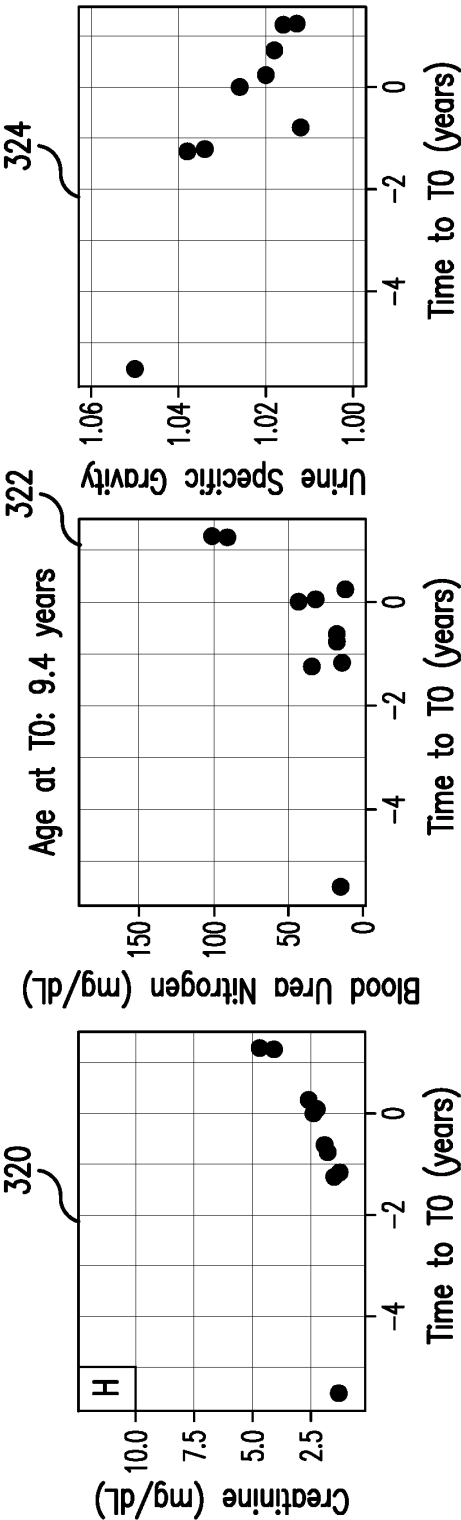
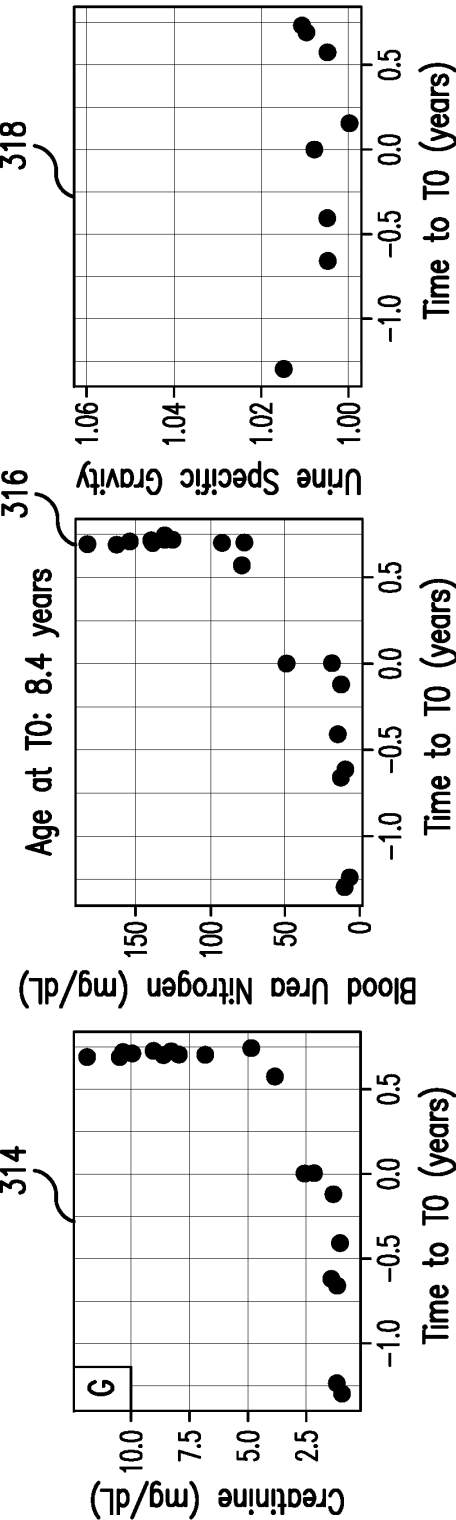












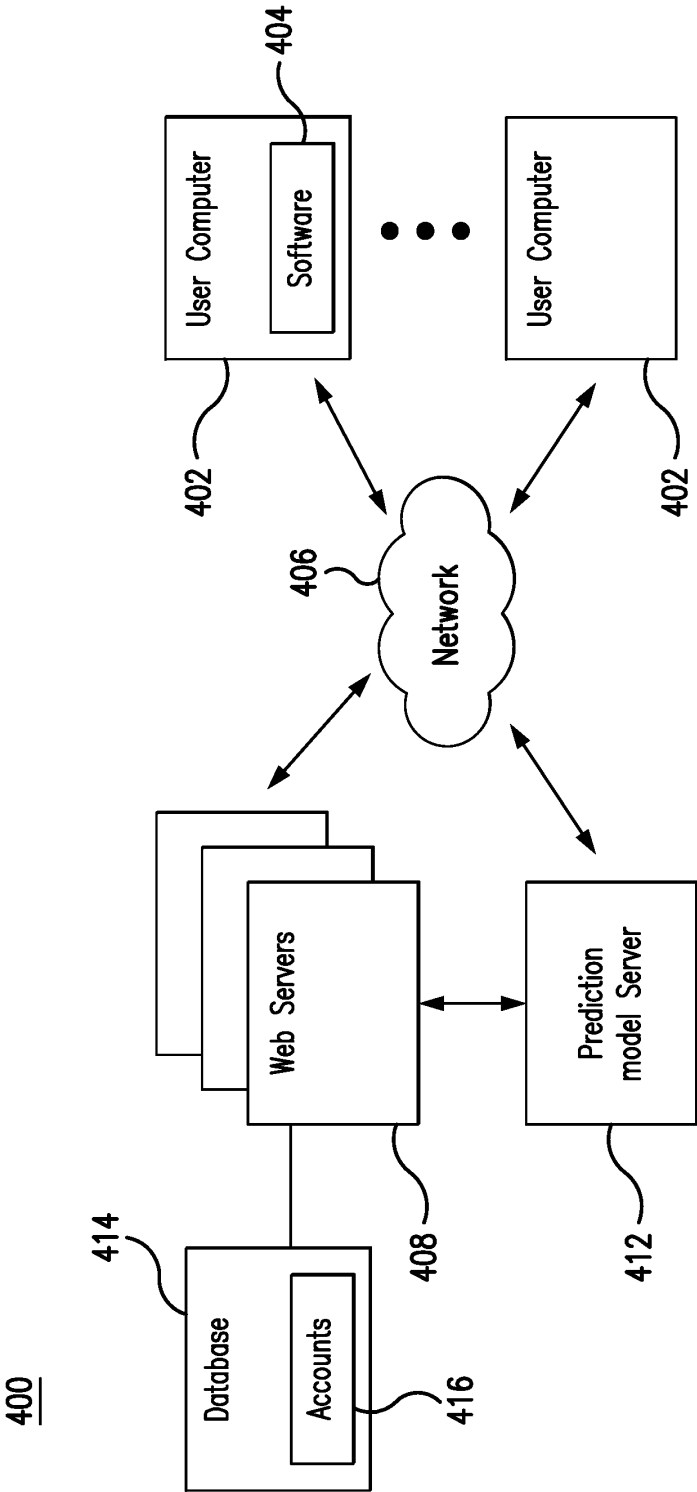


FIG. 4

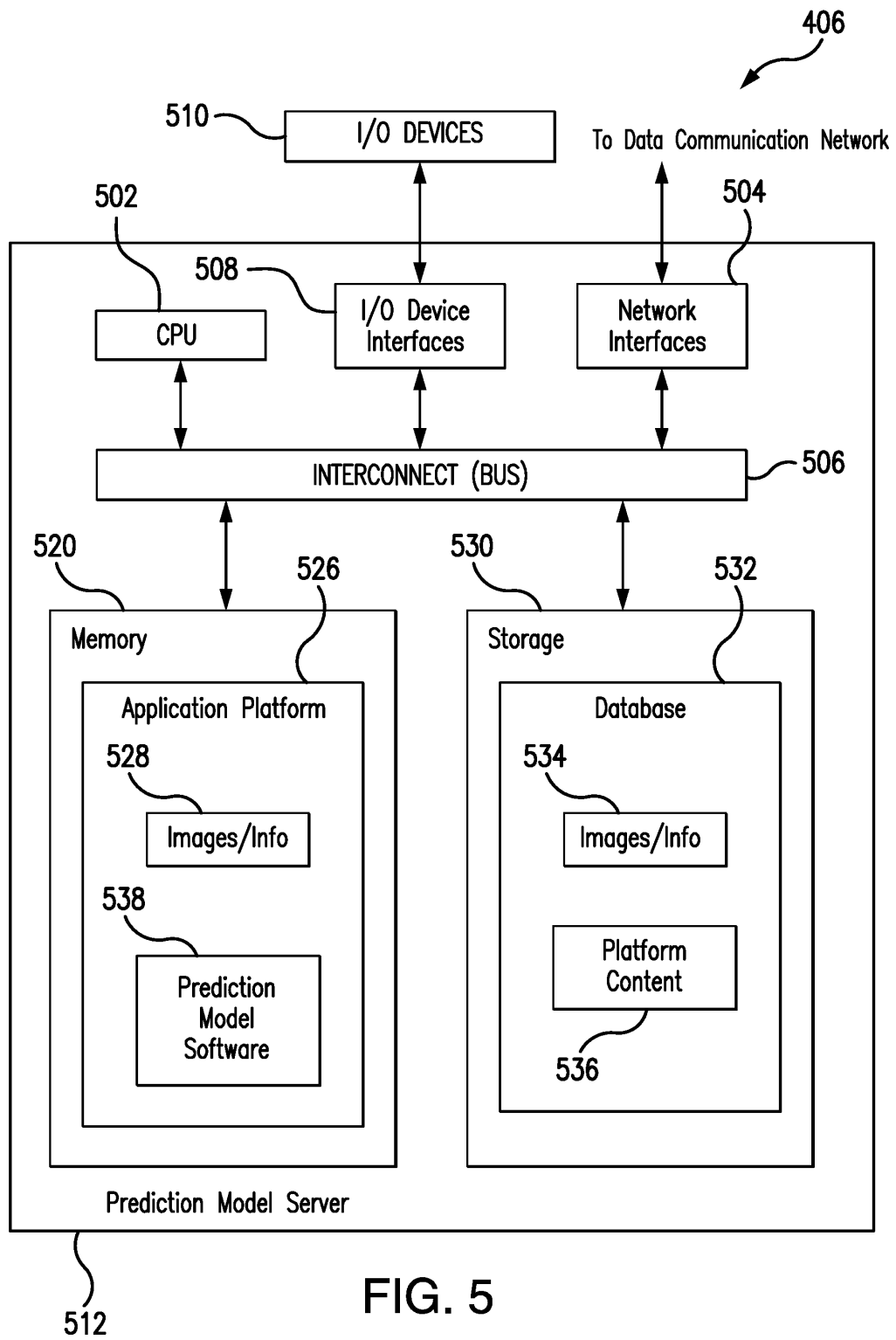


FIG. 5

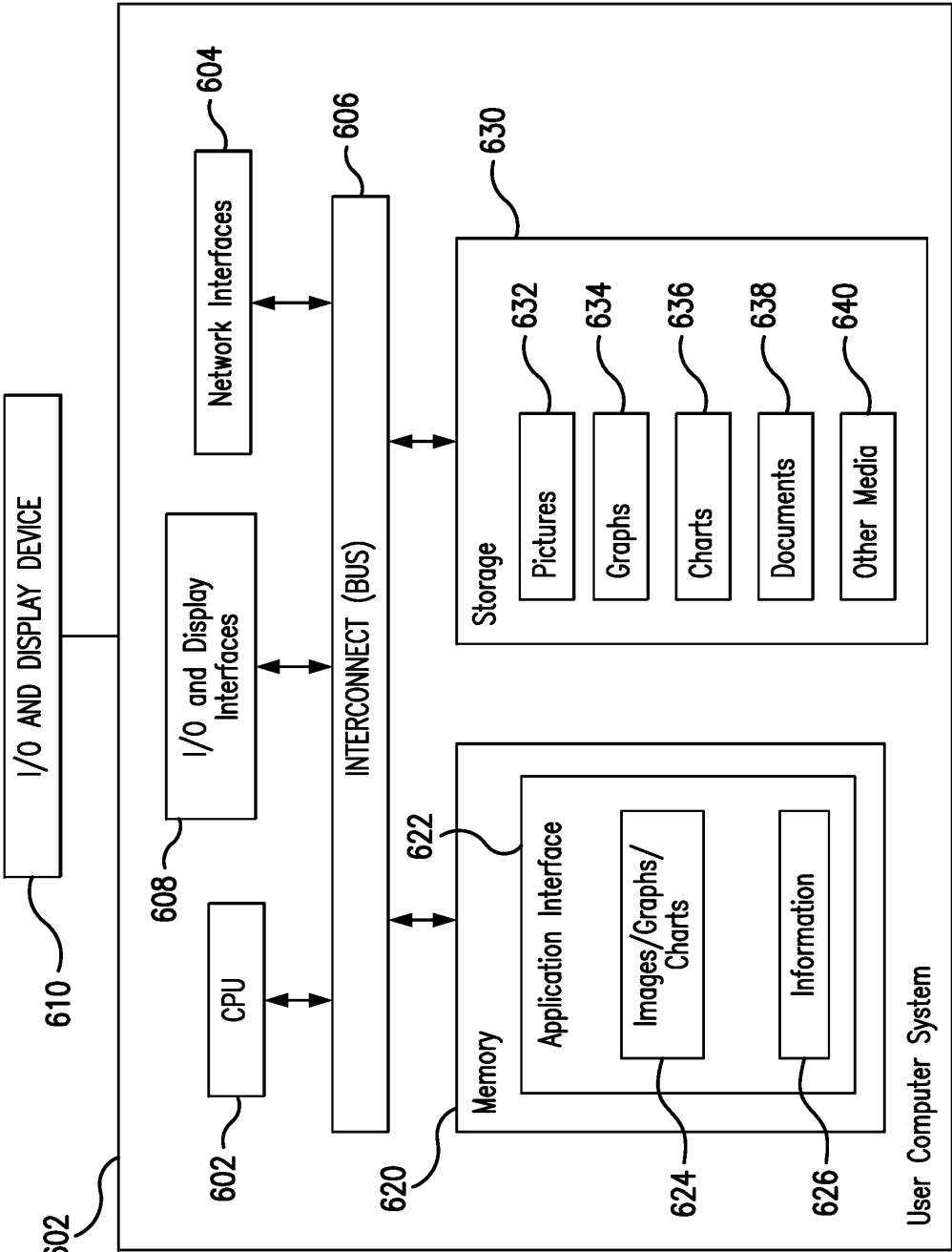


FIG. 6

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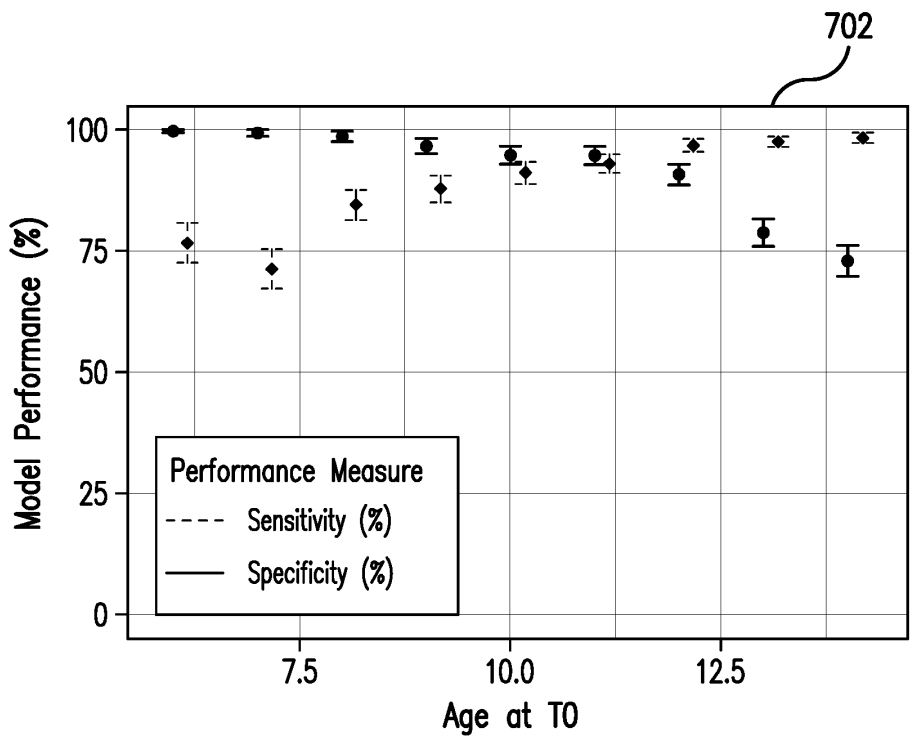


FIG. 7

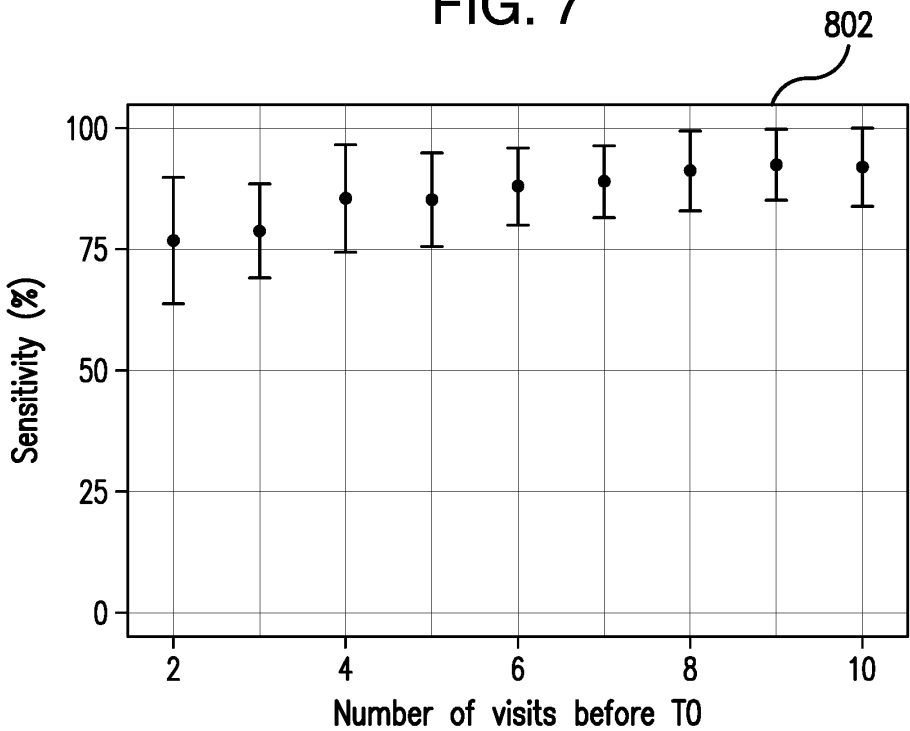


FIG. 8

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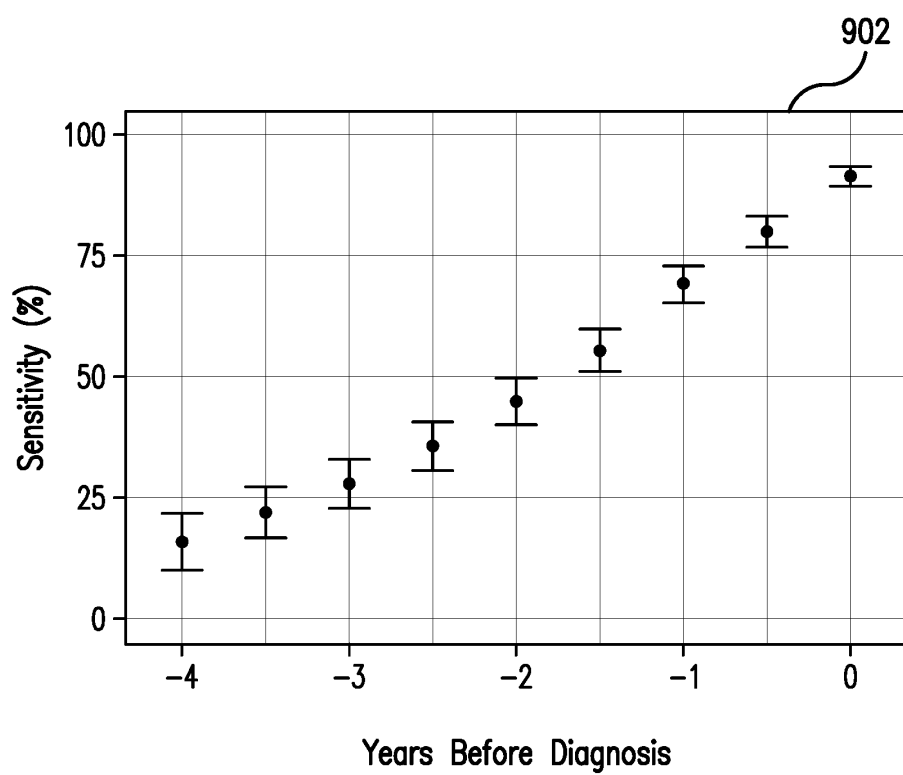


FIG. 9

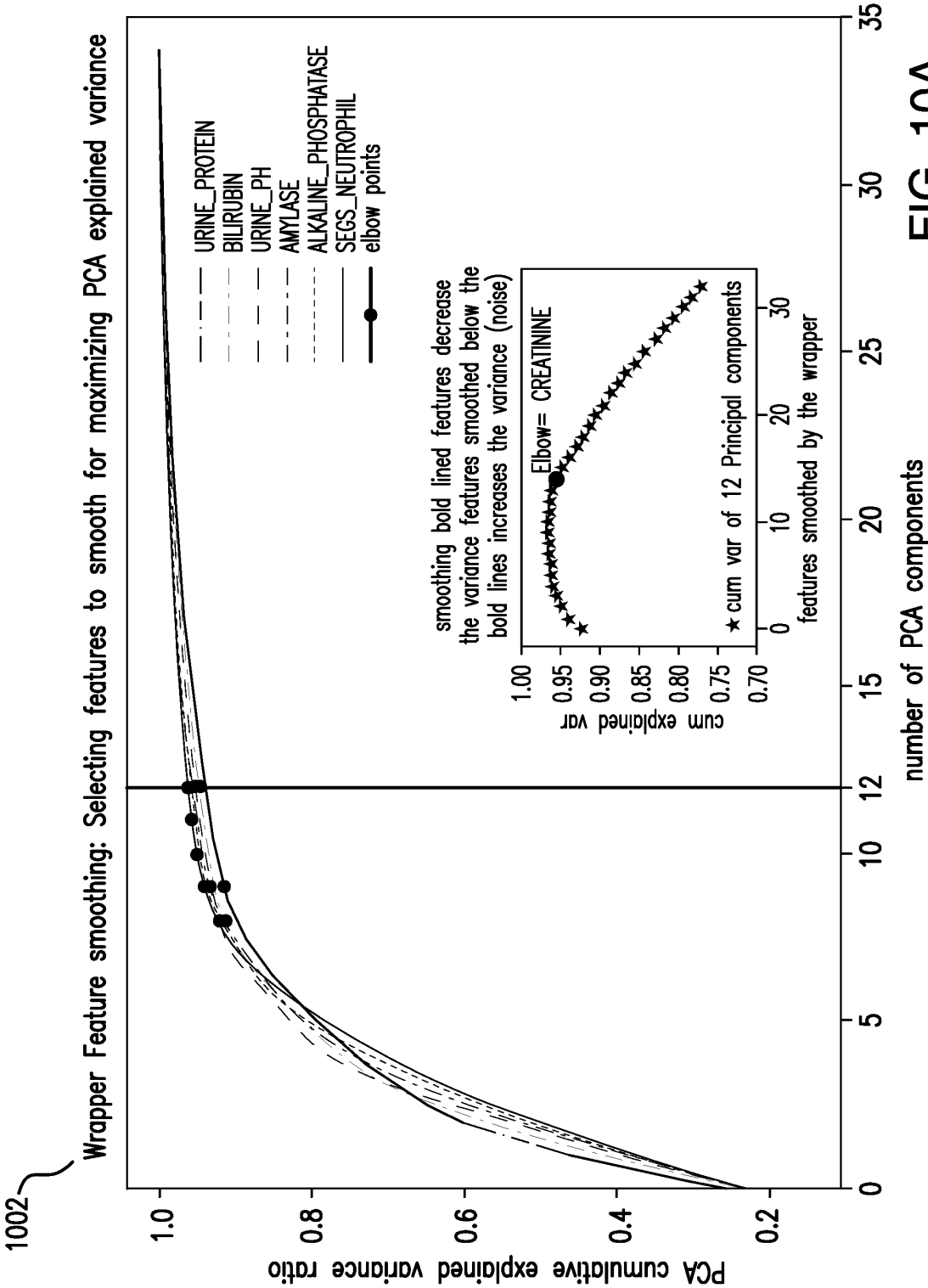


FIG. 10A

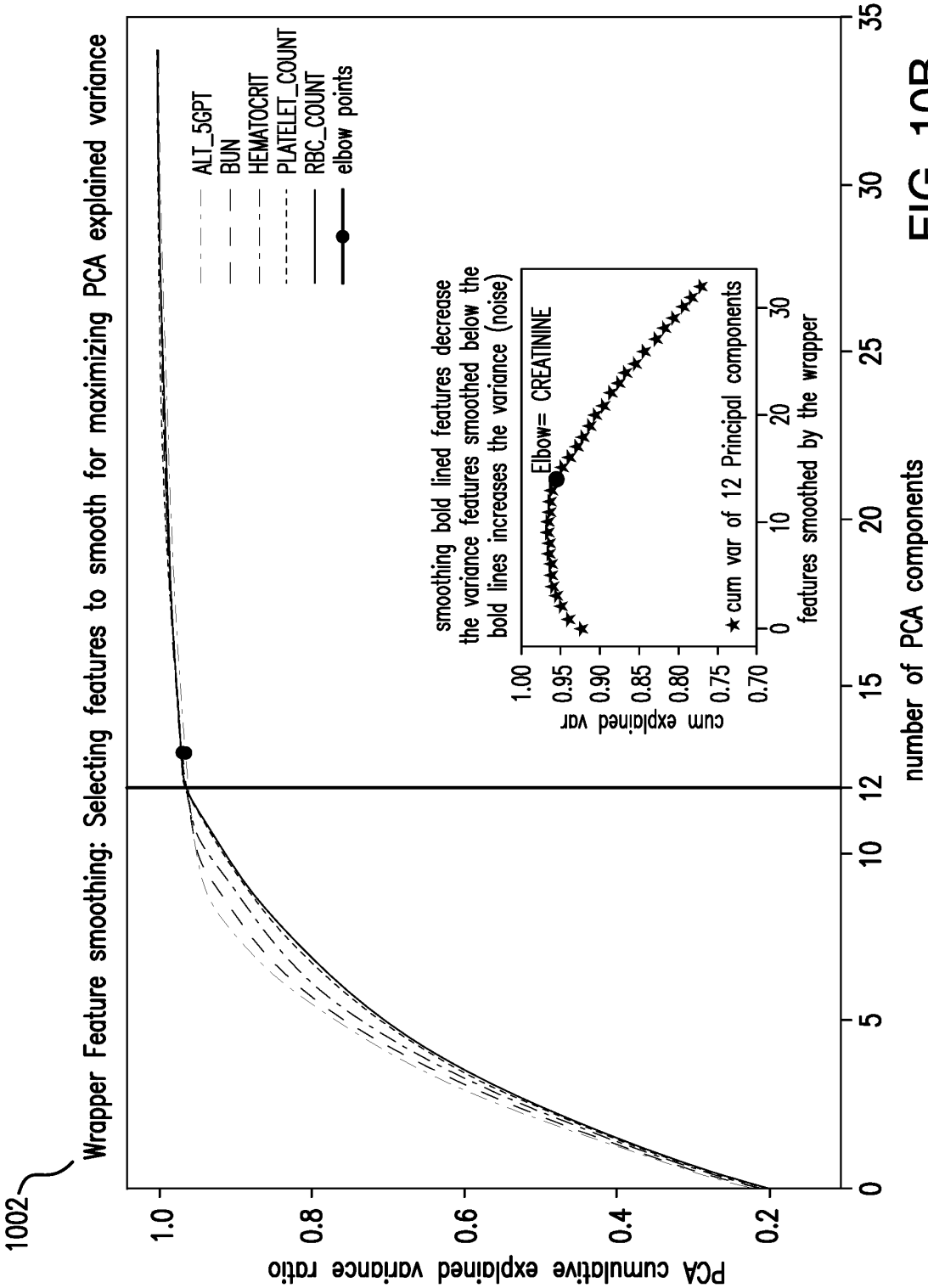


FIG. 10B

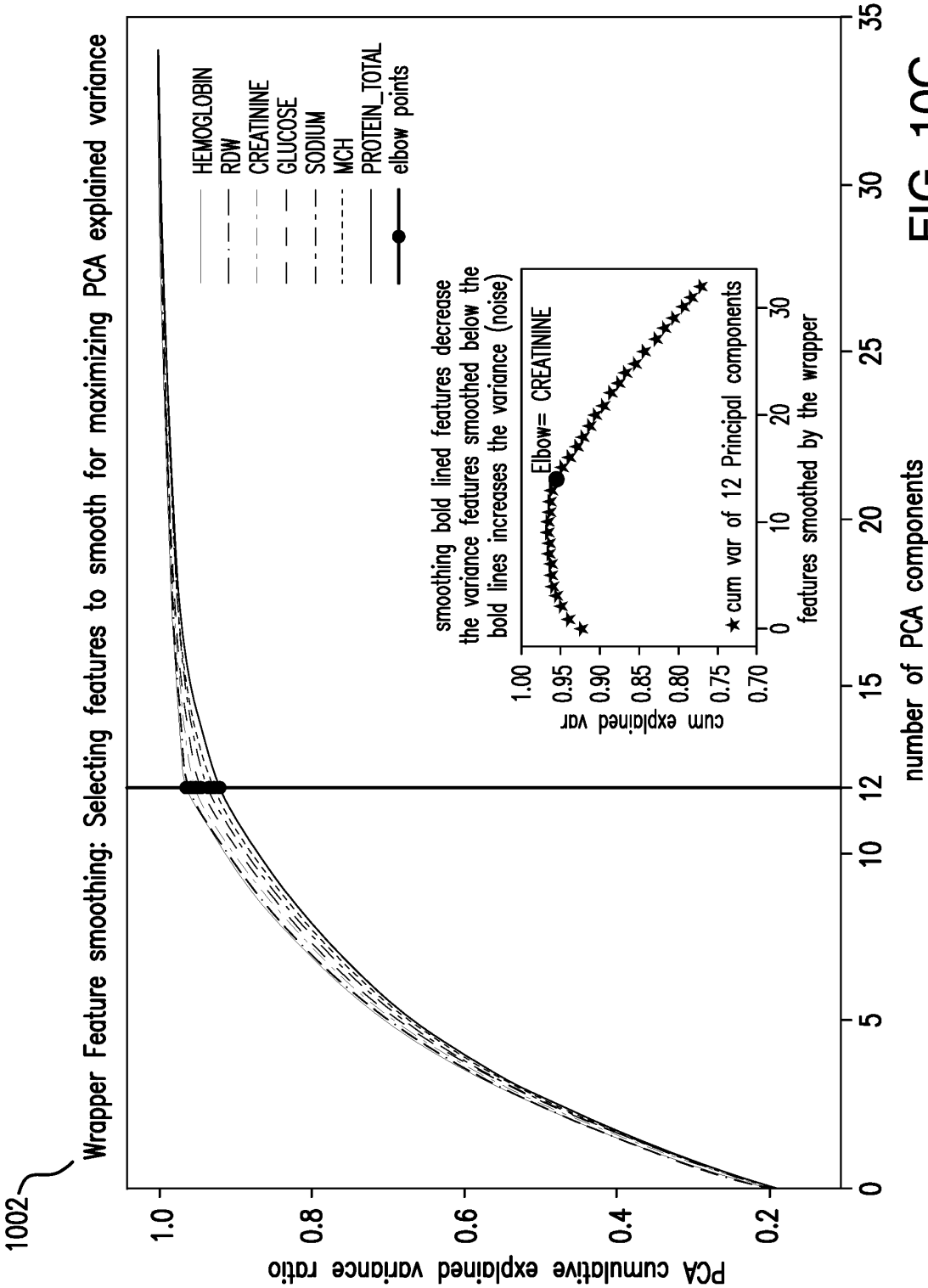


FIG. 10C

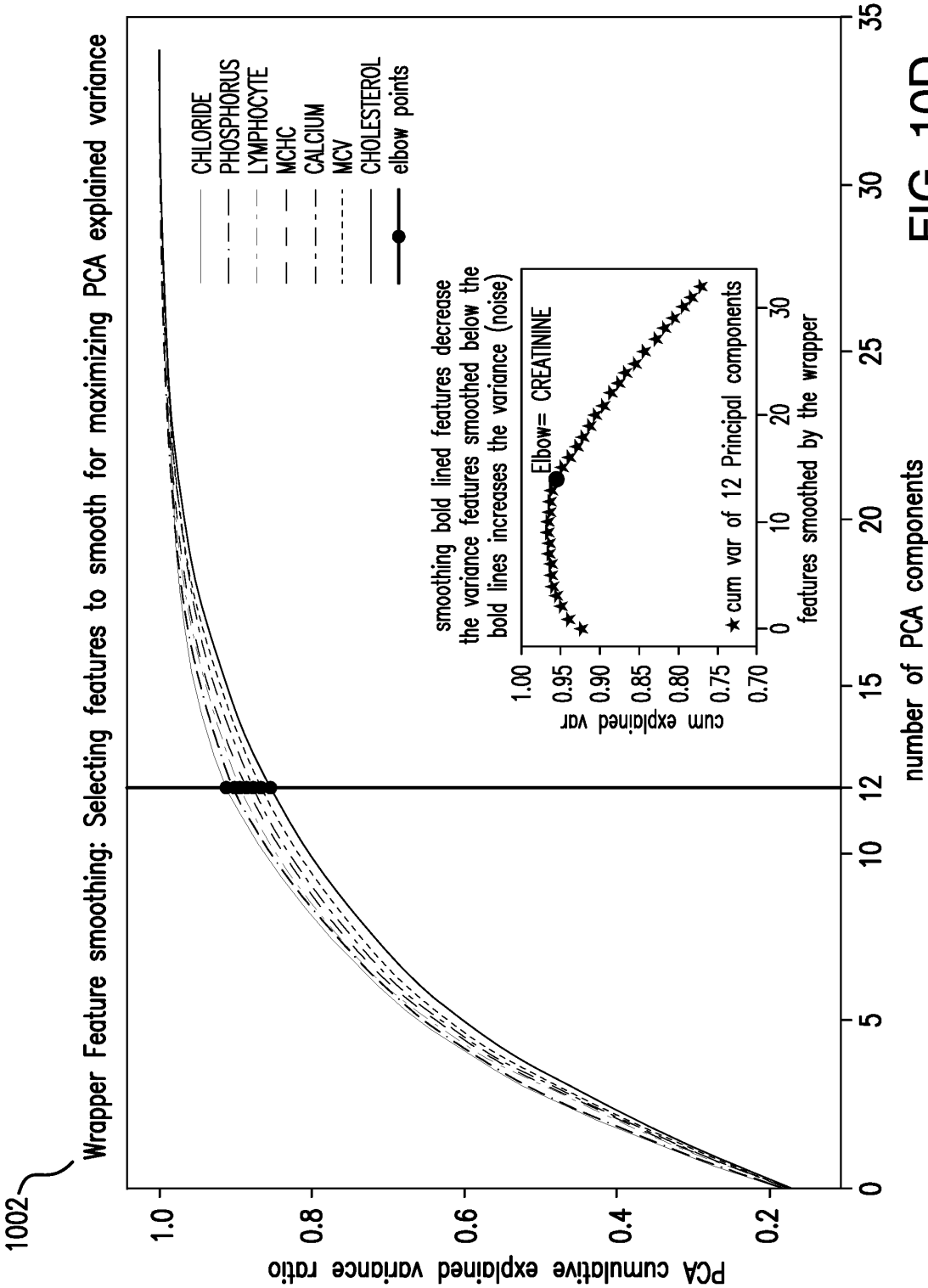


FIG. 10D

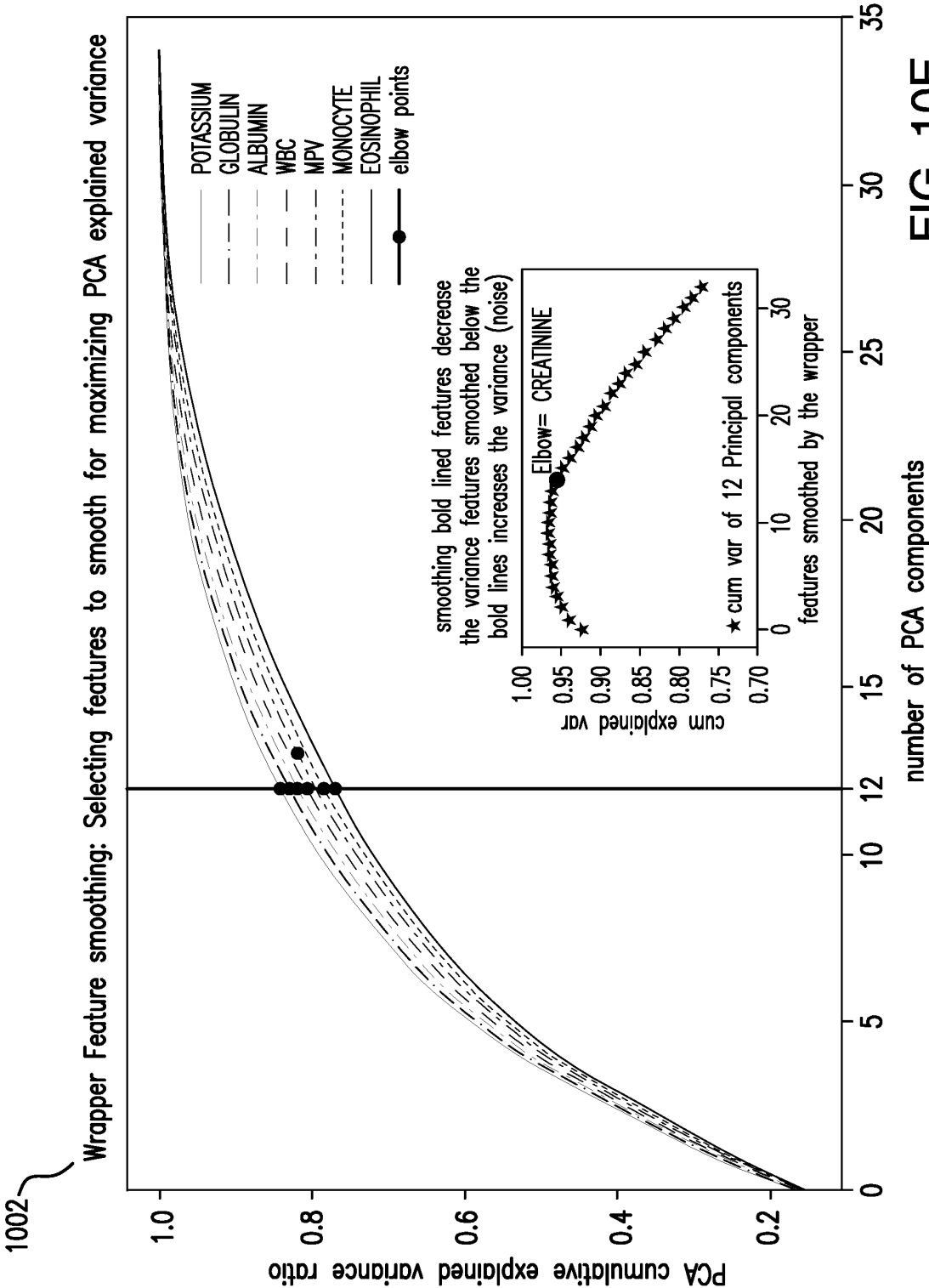


FIG. 10E

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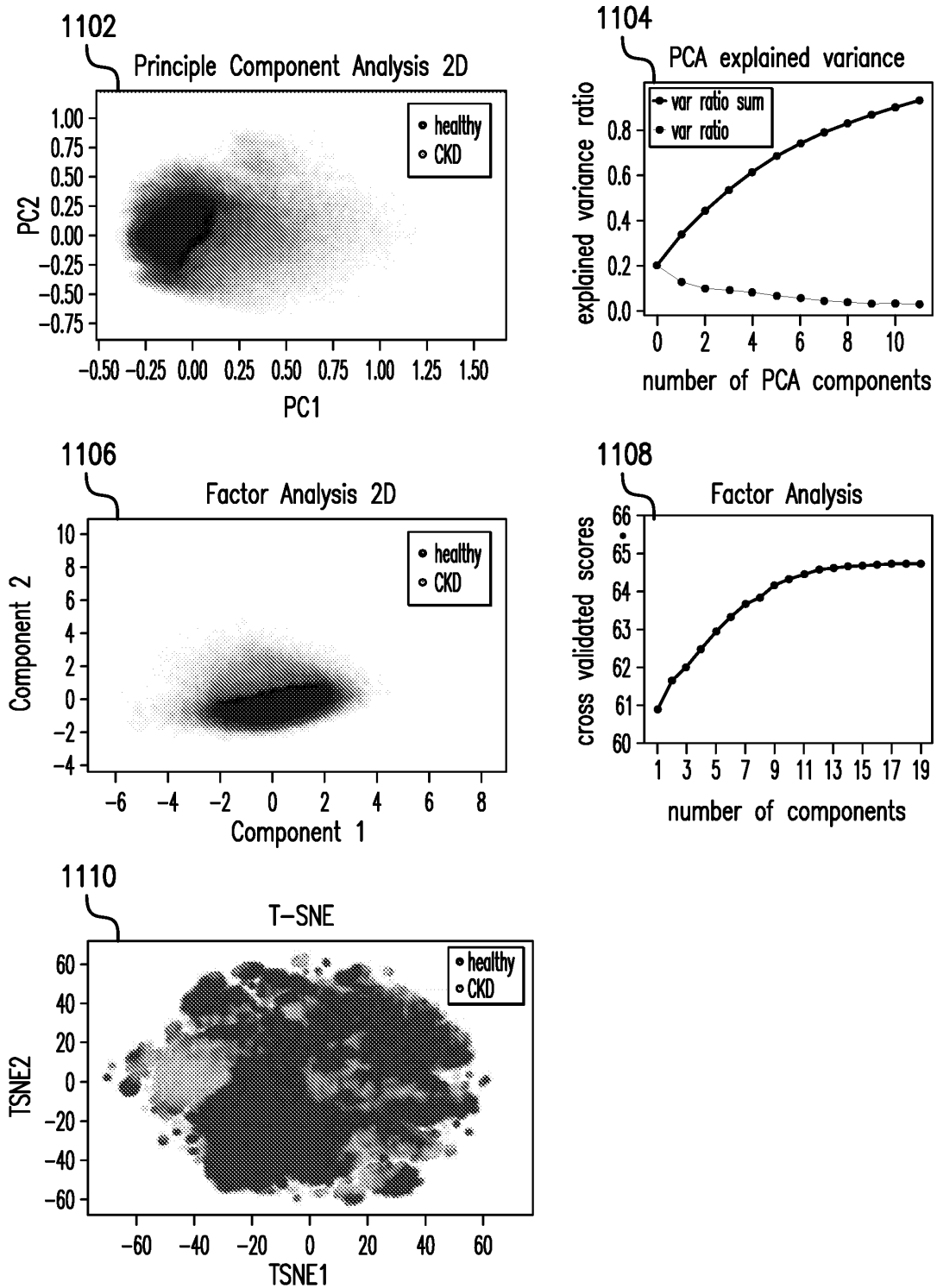


FIG. 11

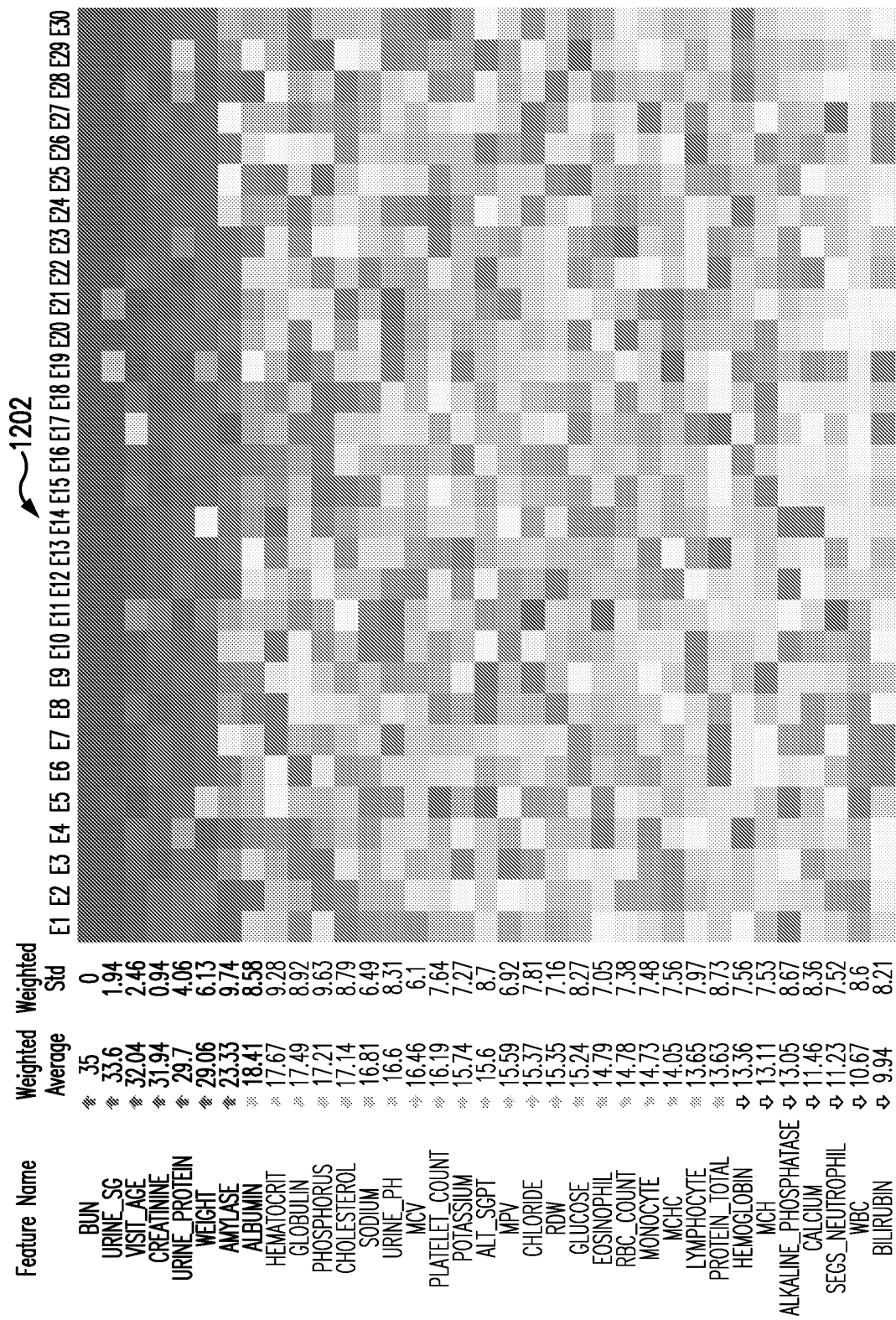


FIG. 12

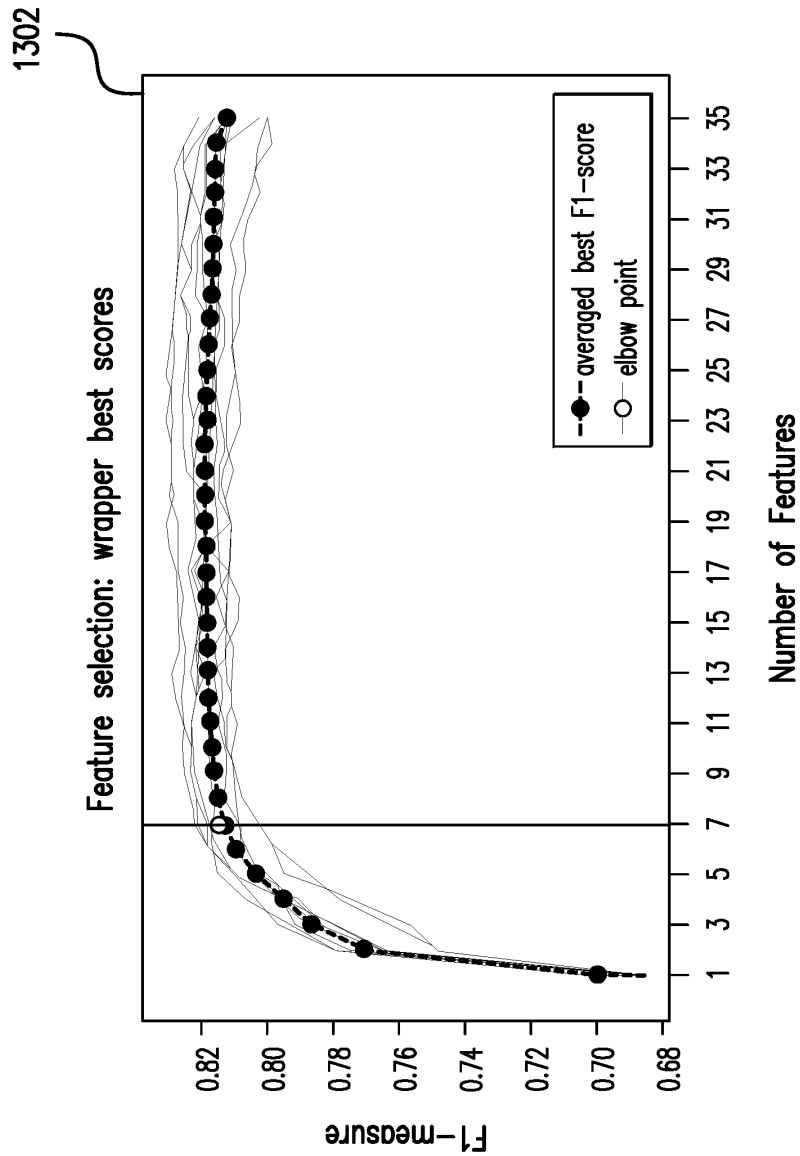


FIG. 13

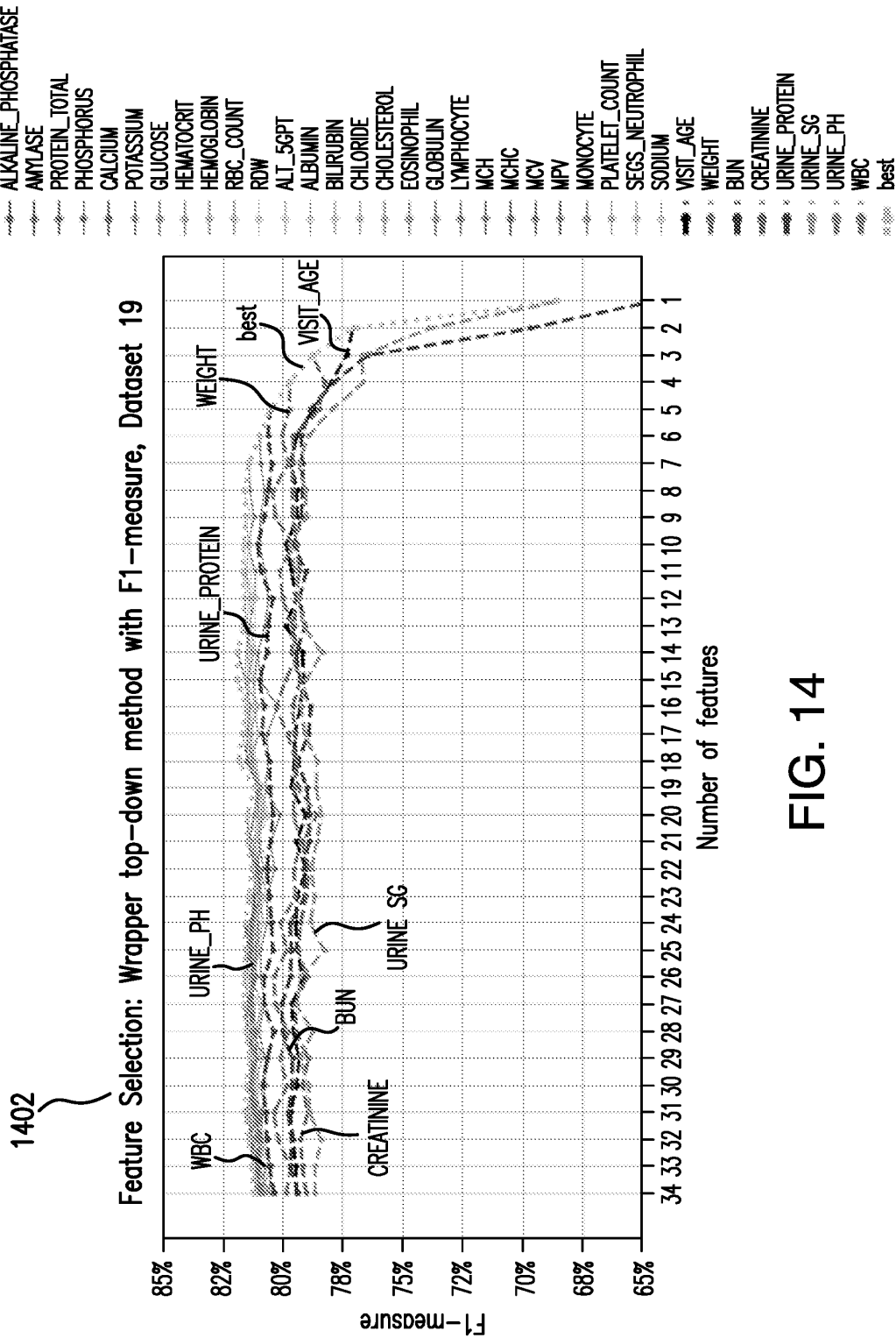


FIG. 14

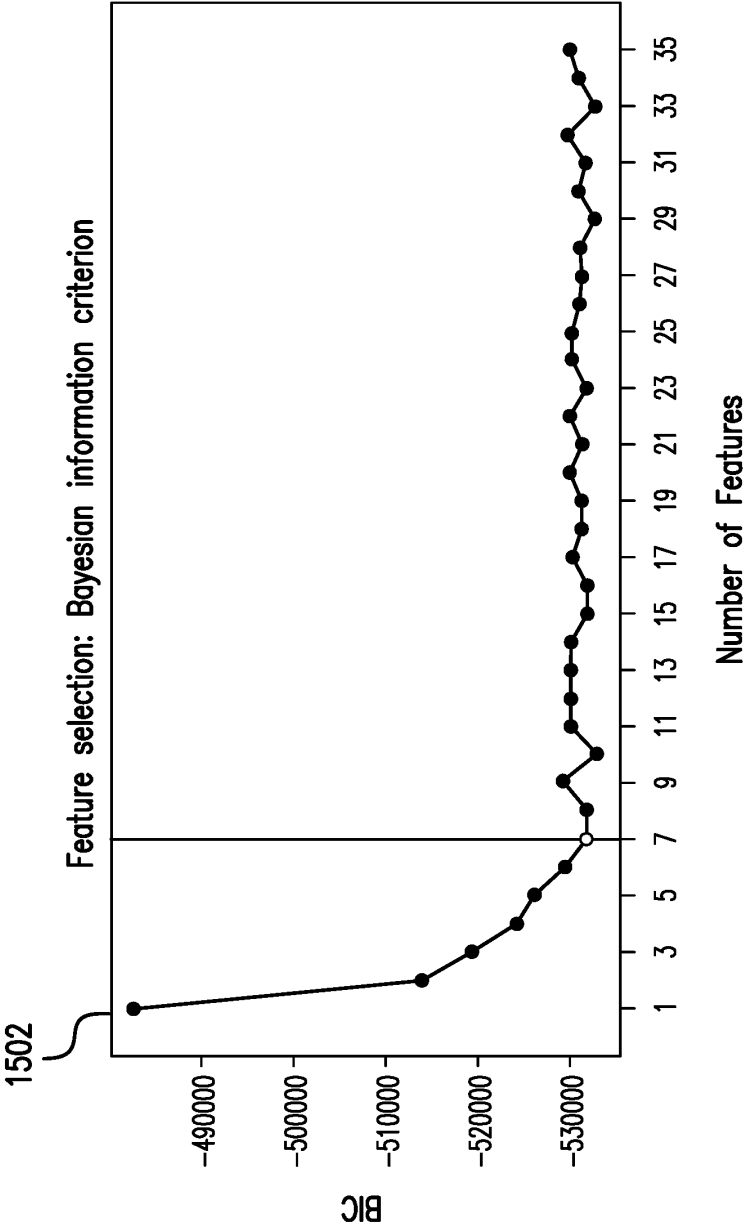


FIG. 15

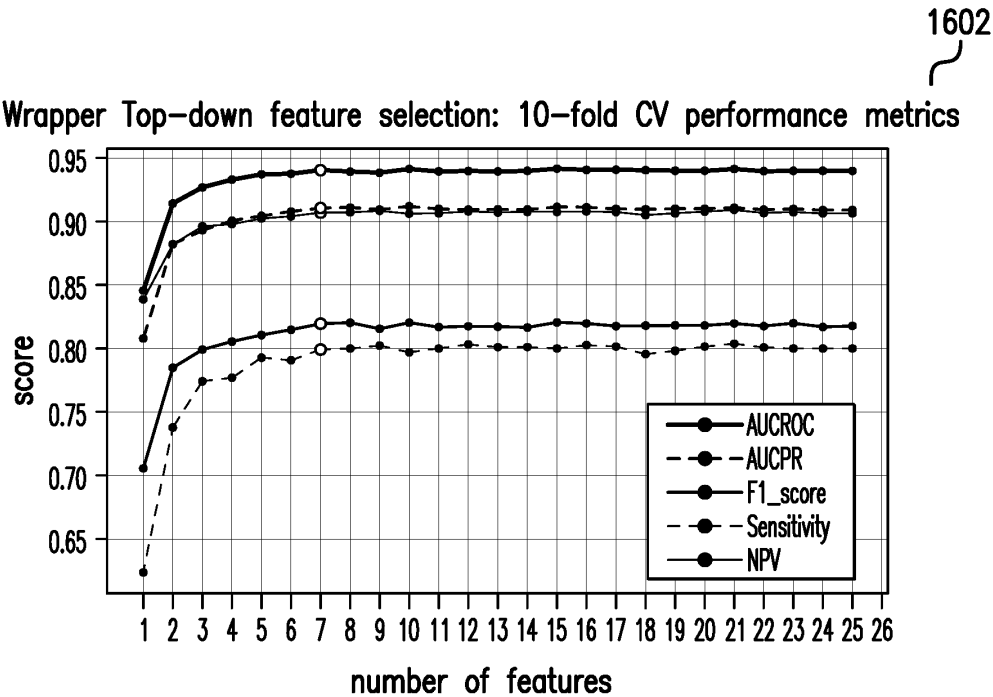


FIG. 16

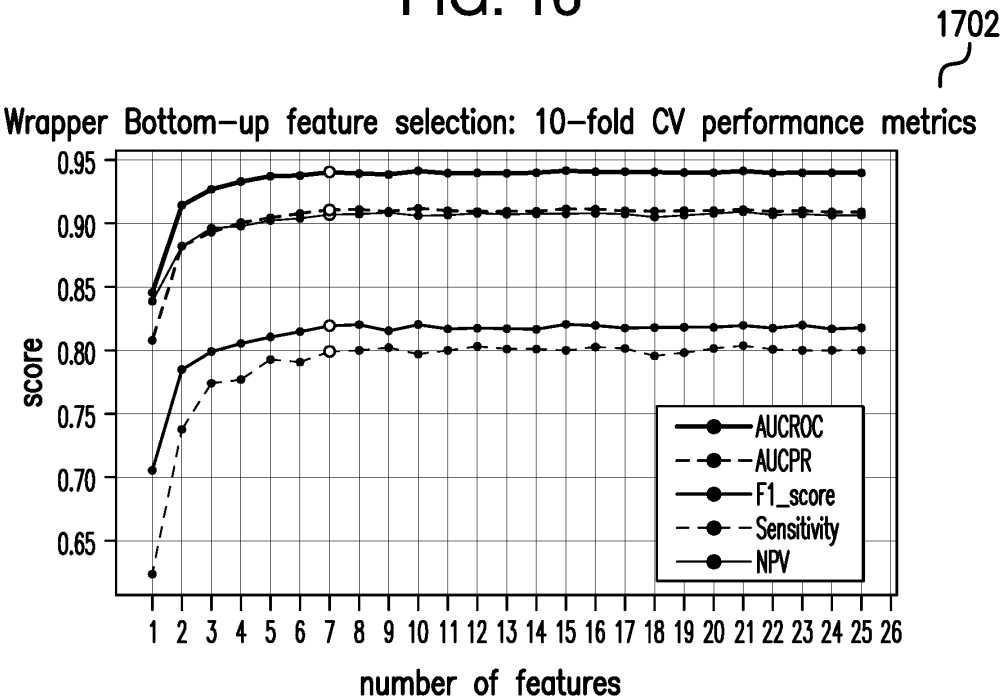


FIG. 17

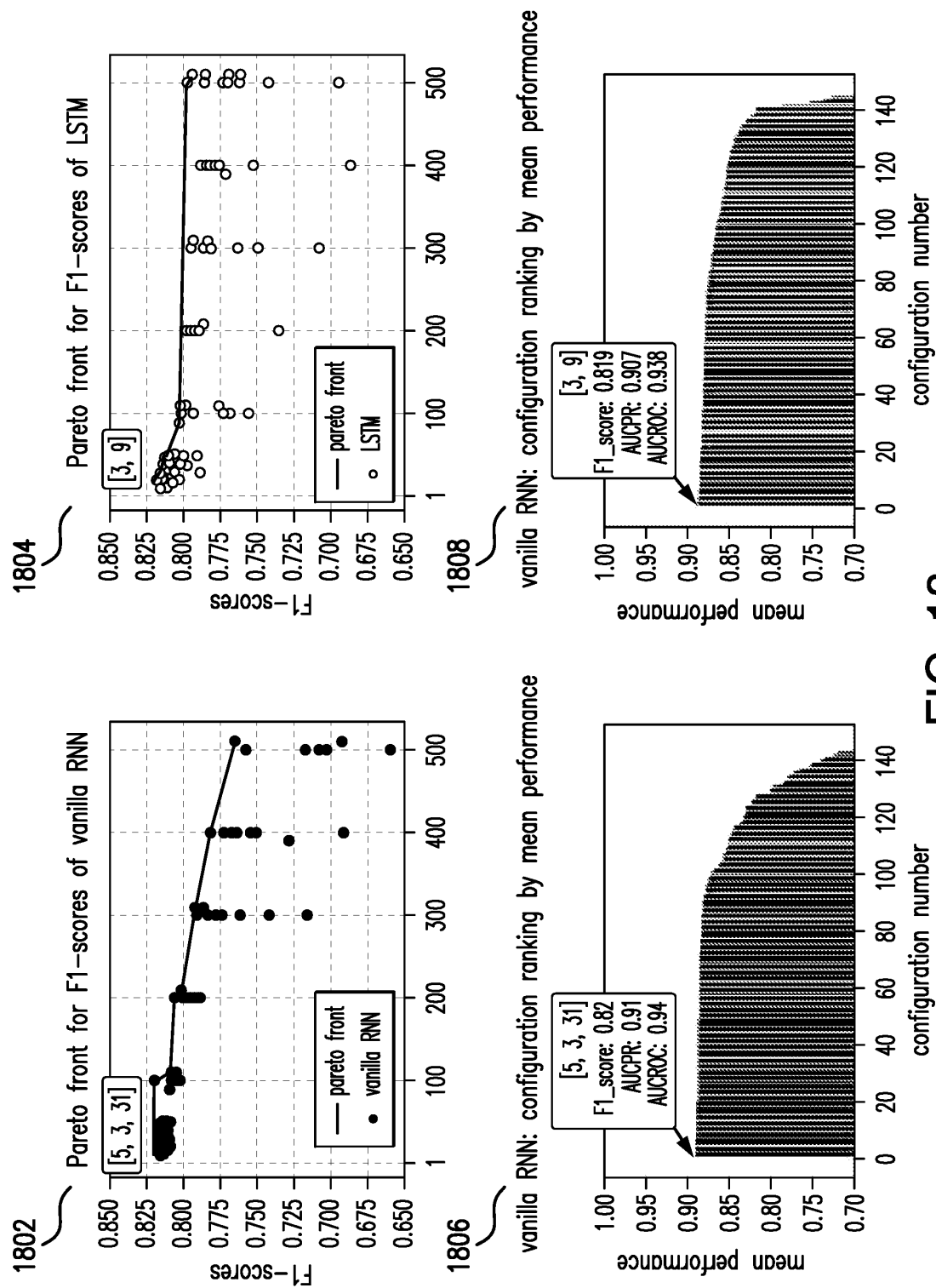


FIG. 18

RNIN 5-3-3		known		Total
		CKD	Healthy	
Pred	CKD	9960	1581	11541
	Healthy	2622	24933	27555
Total		12582	26514	
AUCPR: 91.6%		79.2%	94.0%	13.7%
AUCROC: 94.2%		Sensitivity	Specificity	FDR
				Accuracy
				86.3%
				90.5%
				Precision
				NPV
				82.6%
				F1

FIG. 19

2002

threshold	TP	FN	FP	TN	F1-score	Precision	Accuracy	Sensitivity	Specificity	G-Mean
0.1	1332	67	7291	19223	26.6%	15.5%	73.6%	95.2%	72.5%	83.1%
0.2	1282	117	4158	22326	37.3%	23.4%	84.6%	91.6%	84.2%	87.8%
0.3	1248	151	2877	23637	45.2%	30.3%	89.2%	89.2%	89.1%	89.2%
0.4	1211	188	2097	24417	51.5%	36.6%	91.8%	86.5%	92.1%	89.3%
0.5	1176	223	1548	24966	57.0%	43.2%	93.7%	84.0%	94.2%	88.9%
0.6	1142	257	1120	25394	62.4%	50.5%	95.1%	81.6%	95.8%	88.4%
0.7	1100	299	784	25730	67.0%	58.4%	96.1%	78.6%	97.0%	87.3%
0.8	1045	354	509	26005	70.8%	67.3%	96.9%	74.7%	98.1%	85.6%
0.9	950	449	275	26329	72.4%	77.6%	97.4%	67.9%	99.0%	82.0%

FIG. 20