

Table 2

Sensitivity of PHI Hunter by Protected Health Information (PHI) Class

PHI Class	TP	FP	FN	Total PHI	Sensitivity	95 % CI	
						Lower	Upper
Age	1	0	4	5	0.200	0.005	0.716
Date/Time	3,537	16	711	4,248	0.833	0.821	0.844
Patient ID	3	0	0	3	1.000	0.292	1.000
Location	4	0	776	780	0.005	0.001	0.013
Medical record number	88	0	5	93	0.946	0.879	0.982
Name	596	46	735	1,331	0.448	0.421	0.475
Other ID	18	0	2	20	0.900	0.683	0.988
Phone	124	0	12	136	0.912	0.851	0.954
Social Security number	82	0	0	82	1.000	0.956	1.000
<Not PHI>	0	960	0	0	#N/A	0.000	1.000
Total	4,453	1,022	2,245	6,698	0.665	0.653	0.676

Notes: TP, FP, and FN stand for true positives, false positives, and false negatives, respectively. The sensitivity tells the ability of the system to find and remove that type of PHI.