APPENDIX

We find that as the ϵ -perturbation magnitude increases from 0 to 1 for the worst-case adversarial attack, the relative percentage change from DRAFT to the adversarial training methods becomes larger and then smaller. The relative percent changes in CI from the DRAFT training objective to SAWAR training objective is shown in Table IV (where higher percentage change is better). We note that for very large ϵ , since our data is standard normalized all methods begin to fail.

ϵ	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
$\%\Delta$	72.8	79.69	92.54	90.82	81.56	66.21	41.01	12.83	3.19	1.88	1.72	1.6

TABLE IV: The relative percent change in the Concordance Index metric from the DRAFT model to the SAWAR training objective averaged across the *SurvSet* datasets for the worst-case adversarial attack. A higher relative percent change is better.

	ϵ	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
Dataset	Algorithm												
Aids2	DRAFT	0.516	0.519	0.522	0.525	0.527	0.53	0.536	0.551	0.566	0.572	0.572	0.57
	Noise	0.513	0.515	0.518	0.521	0.525	0.529	0.535	0.548	0.568	0.571	0.57	0.56
	FGSM	0.512	0.516	0.52	0.523	0.526	0.532	0.537	0.55	0.565	0.569	0.568	0.56
	PGD	0.506	0.509	0.513	0.518	0.523	0.528	0.535	0.552	0.567	0.569	0.568	0.56
	AAE-Cox	0.504	0.508	0.507	0.506	0.505	0.501	0.499	0.504	0.51	0.561	0.573	0.57
	SAWAR	0.565	0.568	0.568	0.569	0.569	0.57	0.57	0.57	0.57	0.57	0.569	0.56
Framingham	DRAFT	0.618	0.634	0.649	0.663	0.676	0.688	0.699	0.708	0.716	0.72	0.721	0.72
	Noise	0.606	0.622	0.637	0.653	0.666	0.679	0.691	0.703	0.713	0.718	0.719	0.71
	FGSM	0.582	0.598	0.611	0.626	0.641	0.655	0.671	0.691	0.708	0.715	0.715	0.71
	PGD	0.539	0.559	0.582	0.605	0.627	0.647	0.669	0.693	0.71	0.717	0.717	0.71
	AAE-Cox	0.514	0.522	0.529	0.533	0.539	0.553	0.569	0.57	0.582	0.73	0.733	0.73
	SAWAR	0.721	0.725	0.729	0.731	0.733	0.734	0.735	0.736	0.736	0.737	0.737	0.73
LeukSurv	DRAFT	0.589	0.593	0.596	0.598	0.601	0.602	0.608	0.62	0.63	0.632	0.633	0.63
	Noise	0.545	0.548	0.545	0.547	0.551	0.56	0.581	0.609	0.63	0.628	0.626	0.62
	FGSM	0.511	0.514	0.52	0.525	0.535	0.549	0.579	0.612	0.637	0.638	0.636	0.63
	PGD	0.498	0.498	0.501	0.51	0.521	0.543	0.576	0.616	0.64	0.643	0.64	0.63
	AAE-Cox	0.559	0.552	0.542	0.555	0.548	0.55	0.548	0.537	0.545	0.631	0.658	0.65
	SAWAR	0.495	0.51	0.524	0.536	0.552	0.57	0.588	0.609	0.633	0.658	0.669	0.67
TRACE	DRAFT	0.581	0.605	0.633	0.66	0.685	0.708	0.726	0.736	0.741	0.743	0.744	0.74
	Noise	0.576	0.598	0.621	0.645	0.669	0.691	0.712	0.728	0.737	0.742	0.744	0.74
	FGSM	0.581	0.603	0.629	0.653	0.674	0.697	0.717	0.732	0.739	0.743	0.744	0.74
	PGD	0.571	0.595	0.621	0.646	0.668	0.691	0.714	0.73	0.739	0.743	0.744	0.74
	AAE-Cox	0.432	0.44	0.447	0.451	0.46	0.47	0.489	0.524	0.628	0.743	0.746	0.74
1	SAWAR	0.714	0.722	0.728	0.733	0.735	0.737	0.739	0.742	0.744	0.746	0.747	0.74
dataDIVAT1	DRAFT	0.573	0.585	0.598	0.611	0.625	0.636	0.646	0.653	0.657	0.657	0.656	0.65
	Noise	0.532	0.541	0.552	0.562	0.575	0.589	0.603	0.619	0.631	0.636	0.635	0.63
	FGSM	0.546	0.555	0.567	0.578	0.588	0.6	0.612	0.626	0.641	0.647	0.646	0.64
	PGD	0.523	0.534	0.545	0.557	0.569	0.581	0.599	0.621	0.641	0.648	0.648	0.64
	AAE-Cox	0.597	0.589	0.589	0.585	0.58	0.571	0.571	0.566	0.596	0.662	0.663	0.66
flchain	SAWAR DRAFT	0.64	0.645	0.649	0.654	0.658	0.661	0.664	0.665	0.667	0.668	0.669	0.67
nenain	Noise	0.109 0.166	0.111	0.115	0.122	0.133	0.158	0.239	0.566	0.905	0.917	0.92	0.92
	FGSM	0.100	0.151	0.111	0.123	0.72	0.224	0.433	0.792	0.911	0.917	0.919	0.91
	PGD	0.115	0.155	0.457	0.744	0.72	0.904	0.912	0.917	0.918	0.922	0.922	0.92
	AAE-Cox	0.527	0.648	0.668	0.553	0.394	0.511	0.51	0.476	0.11	0.179	0.925	0.92
	SAWAR	0.593	0.684	0.866	0.918	0.922	0.925	0.926	0.927	0.927	0.927	0.927	0.92
prostate	DRAFT	0.402	0.416	0.428	0.444	0.469	0.505	0.542	0.585	0.627	0.653	0.661	0.66
prostate	Noise	0.433	0.44	0.448	0.451	0.463	0.48	0.492	0.511	0.537	0.558	0.561	0.56
	FGSM	0.448	0.453	0.46	0.465	0.475	0.486	0.502	0.515	0.541	0.564	0.569	0.57
	PGD	0.447	0.455	0.459	0.467	0.474	0.487	0.509	0.53	0.564	0.585	0.588	0.58
	AAE-Cox	0.41	0.411	0.406	0.41	0.407	0.403	0.399	0.391	0.414	0.646	0.686	0.69
	SAWAR	0.608	0.623	0.637	0.652	0.665	0.671	0.672	0.673	0.667	0.663	0.66	0.65
retinopathy	DRAFT	0.553	0.568	0.578	0.597	0.616	0.632	0.645	0.653	0.663	0.666	0.667	0.66
	Noise	0.573	0.591	0.605	0.62	0.632	0.644	0.653	0.661	0.666	0.667	0.668	0.66
	FGSM	0.575	0.592	0.604	0.615	0.625	0.633	0.642	0.647	0.651	0.656	0.657	0.65
	PGD	0.571	0.589	0.599	0.61	0.621	0.63	0.64	0.647	0.651	0.655	0.656	0.65
	AAE-Cox	0.494	0.495	0.506	0.504	0.514	0.564	0.577	0.592	0.62	0.657	0.652	0.64
	SAWAR	0.668	0.669	0.67	0.666	0.662	0.66	0.656	0.654	0.653	0.65	0.648	0.64
stagec	DRAFT	0.358	0.378	0.382	0.406	0.425	0.449	0.454	0.475	0.489	0.504	0.507	0.51
	Noise	0.353	0.373	0.39	0.407	0.436	0.466	0.485	0.5	0.53	0.544	0.549	0.55
	FGSM	0.329	0.346	0.368	0.389	0.416	0.429	0.443	0.471	0.488	0.502	0.503	0.51
	PGD	0.341	0.352	0.381	0.399	0.419	0.431	0.442	0.47	0.49	0.496	0.498	0.50
	AAE-Cox	0.393	0.397	0.397	0.411	0.417	0.409	0.405	0.429	0.469	0.523	0.543	0.54
	SAWAR	0.393	0.401	0.413	0.425	0.436	0.461	0.488	0.506	0.534	0.543	0.548	0.55
zinc	DRAFT	0.262	0.27	0.284	0.296	0.317	0.355	0.44	0.579	0.712	0.755	0.765	0.77
	Noise	0.318	0.328	0.343	0.366	0.401	0.466	0.562	0.661	0.734	0.766	0.773	0.77
	FGSM	0.377	0.403	0.439	0.49	0.557	0.626	0.685	0.737	0.762	0.78	0.782	0.78
	PGD	0.384	0.406	0.443	0.495	0.559	0.632	0.695	0.741	0.77	0.778	0.78	0.78
	AAE-Cox	0.226	0.231	0.228	0.236	0.234	0.249	0.265	0.306	0.445	0.724	0.754	0.75

TABLE V: Concordance Index metric for *SurvSet* datasets (higher is better) for each adversarial training method against the worst-case adversarial attack.

We find that as the ϵ -perturbation magnitude increases from 0 to 1 for the worst-case adversarial attack, the relative percentage change from DRAFT to the adversarial training methods becomes larger and then smaller. The relative percent changes in Integrated Brier Score metric from the DRAFT training objective to SAWAR training objective is shown in Table VI (where lower percentage change is better). We note that for very large ϵ , since our data is standard normalized all methods begin to fail.

ϵ	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
$\%\Delta$	-37.55	-42.51	-48.08	-53.15	-55.48	-55.34	-51.51	-42.94	-28.8	-10.87	-4.78	-0.65

TABLE VI: The relative percent change in Integrated Brier Score metric from the DRAFT model to the SAWAR training objective averaged across the *SurvSet* datasets for the worst-case adversarial attack. A lower relative percent change is better.

Dataset	ϵ Algorithm	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
Aids2	DRAFT	0.265	0.262	0.258	0.252	0.242	0.228	0.207	0.18	0.151	0.138	0.137	0.13
Alds2	Noise	0.265	0.262	0.258	0.252	0.242	0.228	0.207	0.18	0.151	0.138	0.137	0.13
	FGSM	0.265	0.263	0.258	0.251	0.239	0.221	0.197	0.179	0.13	0.138	0.137	0.13
	PGD	0.265	0.262	0.257	0.248	0.235	0.216	0.19	0.161	0.141	0.137	0.138	0.13
	AAE-Cox	0.269	0.269	0.269	0.268	0.265	0.259	0.25	0.231	0.183	0.138	0.137	0.13
	SAWAR	0.14	0.139	0.138	0.138	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.13
Framingham	DRAFT	0.831	0.825	0.811	0.783	0.724	0.618	0.459	0.289	0.174	0.124	0.114	0.11
	Noise	0.836	0.834	0.83	0.82	0.79	0.709	0.543	0.331	0.185	0.126	0.115	0.11
	FGSM	0.836	0.836	0.835	0.831	0.817	0.765	0.605	0.336	0.162	0.118	0.113	0.11
	PGD	0.836	0.836	0.836	0.831	0.812	0.74	0.555	0.295	0.146	0.115	0.113	0.11
	AAE-Cox	0.836	0.836	0.836	0.836	0.836	0.836	0.834	0.775	0.385	0.116	0.109	0.10
	SAWAR	0.17	0.155	0.144	0.134	0.127	0.122	0.117	0.114	0.112	0.111	0.111	0.11
LeukSurv	DRAFT	0.206	0.206	0.205	0.205	0.203	0.2	0.195	0.185	0.17	0.158	0.154	0.15
	Noise	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.2	0.171	0.166	0.17
	FGSM	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.203	0.187	0.161	0.158	0.15
	PGD	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.202	0.183	0.16	0.157	0.15
	AAE-Cox	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.198	0.162	0.154	0.15
	SAWAR	0.194	0.19	0.184	0.178	0.171	0.165	0.16	0.155	0.151	0.148	0.147	0.14
TRACE	DRAFT	0.62	0.611	0.593	0.558	0.504	0.432	0.347	0.265	0.204	0.172	0.165	0.16
	Noise	0.627	0.626	0.623	0.611	0.579	0.518	0.426	0.317	0.225	0.176	0.166	0.16
	FGSM	0.627	0.625	0.619	0.596	0.545	0.46	0.351	0.248	0.188	0.167	0.163	0.16
	PGD	0.627	0.625	0.617	0.593	0.54	0.455	0.347	0.247	0.188	0.167	0.164	0.16
	AAE-Cox	0.627	0.627	0.627	0.627	0.627	0.623	0.588	0.471	0.284	0.172	0.165	0.16
dataDIVAT1	SAWAR DRAFT	0.324	0.281	0.246	0.22	0.202	0.188	0.179	0.171	0.166	0.163	0.162	0.16
dataDIVALI	Noise	0.702	0.089	0.719	0.718	0.713	0.403	0.599	0.21	0.177	0.17	0.172	0.17
	FGSM	0.72	0.72	0.719	0.718	0.697	0.637	0.399	0.285	0.243	0.197	0.193	0.19
	PGD	0.719	0.719	0.716	0.714	0.687	0.613	0.478	0.261	0.191	0.182	0.182	0.18
	AAE-Cox	0.719	0.719	0.710	0.71	0.72	0.72	0.715	0.553	0.191	0.165	0.17	0.13
	SAWAR	0.189	0.72	0.72	0.179	0.177	0.177	0.713	0.333	0.177	0.103	0.17	0.17
flchain	DRAFT	0.816	0.816	0.816	0.816	0.816	0.816	0.814	0.797	0.46	0.093	0.069	0.05
nenam	Noise	0.816	0.816	0.816	0.816	0.816	0.816	0.814	0.77	0.227	0.088	0.067	0.05
	FGSM	0.816	0.816	0.816	0.816	0.816	0.804	0.468	0.119	0.089	0.061	0.055	0.05
	PGD	0.817	0.817	0.817	0.816	0.81	0.638	0.162	0.107	0.076	0.057	0.054	0.05
	AAE-Cox	nan	0.794	0.688	0.054	0.05							
	SAWAR	0.445	0.363	0.241	0.094	0.067	0.059	0.057	0.055	0.054	0.053	0.053	0.05
prostate	DRAFT	0.517	0.517	0.516	0.513	0.508	0.495	0.466	0.408	0.322	0.234	0.202	0.18
-	Noise	0.518	0.518	0.519	0.519	0.52	0.52	0.519	0.508	0.457	0.321	0.267	0.24
	FGSM	0.517	0.518	0.519	0.518	0.52	0.52	0.517	0.493	0.402	0.262	0.228	0.21
	PGD	0.518	0.518	0.518	0.518	0.517	0.518	0.515	0.486	0.383	0.248	0.219	0.20
	AAE-Cox	0.519	0.519	0.519	0.519	0.518	0.518	0.517	0.511	0.443	0.205	0.173	0.16
	SAWAR	0.37	0.334	0.291	0.262	0.236	0.218	0.204	0.192	0.184	0.178	0.176	0.17
retinopathy	DRAFT	0.728	0.722	0.71	0.687	0.647	0.579	0.48	0.364	0.266	0.204	0.188	0.17
	Noise	0.73	0.725	0.714	0.693	0.652	0.579	0.472	0.353	0.256	0.199	0.184	0.17
	FGSM	0.725	0.715	0.697	0.665	0.61	0.526	0.419	0.314	0.237	0.196	0.186	0.18
	PGD	0.724	0.714	0.695	0.662	0.606	0.521	0.413	0.309	0.235	0.195	0.186	0.18
	AAE-Cox	0.733	0.733	0.733	0.733	0.733	0.732	0.716	0.596	0.281	0.183	0.181	0.18
	SAWAR	0.588	0.548	0.499	0.44	0.378	0.317	0.265	0.224	0.197	0.184	0.181	0.18
stagec	DRAFT	0.556	0.549	0.544	0.543	0.539	0.517	0.468	0.404	0.332	0.274	0.256	0.24
	Noise	0.559	0.553	0.547	0.548	0.551	0.541	0.501	0.437	0.357	0.282	0.258	0.24
	FGSM	0.547	0.545	0.549	0.553	0.545	0.511	0.457	0.391	0.323	0.278	0.265	0.25
	PGD	0.547	0.546	0.549	0.553	0.542	0.507	0.453	0.388	0.322	0.278	0.267	0.26
	AAE-Cox	0.568	0.568	0.568	0.568	0.567	0.559	0.545	0.544	0.474	0.291	0.268	0.26
	SAWAR	0.521	0.497	0.469	0.436	0.401	0.365	0.334	0.303	0.276	0.256	0.249	0.24
zinc	DRAFT	0.847	0.847	0.846	0.843	0.831	0.787	0.641	0.376	0.184	0.119	0.109	0.10
	Noise	0.847	0.847	0.847	0.845	0.838	0.795	0.627	0.351	0.179	0.128	0.118	0.11
	FGSM	0.847	0.847	0.845	0.835	0.782	0.611	0.356	0.189	0.133	0.116	0.113	0.11
	PGD	0.847	0.847	0.845	0.834	0.777	0.6	0.341	0.182	0.132	0.116	0.113	0.11
		0.847	0.847	0.847	0.847	0.847	0.847	0.846	0.823	0.507	0.119	0.109	0.10
	AAE-Cox SAWAR	0.654	0.532	0.401	0.289	0.21	0.161	0.133	0.118	0.111	0.109	0.109	0.10

TABLE VII: Integrated Brier Score metric for *SurvSet* datasets (lower is better) for each adversarial training method against the worst-case adversarial attack.

	ϵ	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
Dataset	Algorithm												
Aids2	DRAFT	7.88e+05	2.75e+05	9.79e+04	3.51e+04	1.31e+04	5.06e+03	2.06e+03	9.59e+02	6.16e+02	5.45e+02	5.41e+02	5.41e+0
	Noise	3.15e+05	1.30e+05	5.45e+04	2.30e+04	9.53e+03	4.06e+03	1.79e+03	9.02e+02	6.06e+02	5.44e+02	5.41e+02	5.41e+0
	FGSM	1.29e+05	5.99e+04	2.79e+04	1.29e+04	5.92e+03	2.72e+03	1.32e+03	7.49e+02	5.69e+02	5.42e+02	5.41e+02	5.41e+0
	PGD	7.29e+04	3.62e+04	1.80e+04	8.83e+03	4.29e+03	2.10e+03	1.09e+03	6.82e+02	5.57e+02	5.42e+02	5.41e+02	5.41e+0
	AAE-Cox	6.04e+12	2.43e+11	1.30e+10	6.94e+08	4.08e+07	2.64e+06	1.76e+05	1.27e+04	1.18e+03	5.41e+02	5.38e+02	5.39e+0
	SAWAR	5.53e+02	5.48e+02	5.45e+02	5.43e+02	5.42e+02	5.42e+02	5.41e+02	5.41e+02	5.40e+02	5.40e+02	5.40e+02	5.40e+0
Framingham	DRAFT	2.24e+07	4.61e+06	9.70e+05	2.13e+05	4.98e+04	1.33e+04	4.62e+03	2.35e+03	1.71e+03	1.52e+03	1.49e+03	1.48e+0
	Noise	3.13e+07	6.71e+06	1.48e+06	3.35e+05	7.98e+04	2.05e+04	6.23e+03	2.67e+03	1.76e+03	1.53e+03	1.49e+03	1.48e+0
	FGSM	8.34e+09	7.44e+08	6.79e+07	6.46e+06	6.50e+05	7.31e+04	1.05e+04	2.77e+03	1.67e+03	1.50e+03	1.49e+03	1.48e+0
	PGD	1.53e+11	7.60e+09	3.88e+08	2.07e+07	1.20e+06	8.59e+04	9.43e+03	2.46e+03	1.61e+03	1.49e+03	1.48e+03	1.48e+0
	AAE-Cox	1.38e+26	1.22e+23	1.20e+20	1.10e+17	1.21e+14	1.26e+11	1.63e+08	3.73e+05	3.68e+03	1.49e+03	1.47e+03	1.47e+(
	SAWAR	1.67e+03	1.62e+03	1.58e+03	1.55e+03	1.53e+03	1.51e+03	1.50e+03	1.49e+03	1.48e+03	1.48e+03	1.48e+03	1.48e+0
LeukSurv	DRAFT	2.10e+08	3.80e+07	7.18e+06	1.29e+06	2.41e+05	4.59e+04	9.21e+03	2.13e+03	6.86e+02	3.75e+02	3.28e+02	3.07e+0
	Noise	1.40e+20	1.48e+18	1.45e+16	1.63e+14	1.29e+12	9.53e+09	8.92e+07	1.13e+06	2.90e+04	2.62e+03	1.25e+03	7.75e+(
	FGSM	6.24e+12	4.01e+11	2.30e+10	1.27e+09	7.06e+07	4.34e+06	2.73e+05	2.04e+04	2.18e+03	5.11e+02	3.72e+02	3.25e+0
	PGD	4.11e+11	3.30e+10	2.53e+09	1.99e+08	1.58e+07	1.30e+06	1.12e+05	1.10e+04	1.50e+03	4.34e+02	3.39e+02	3.07e+0
	AAE-Cox	4.24e+28	2.71e+25	1.61e+34	7.46e+29	2.45e+25	7.92e+19	7.26e+14	3.55e+09	1.15e+05	4.18e+02	2.99e+02	2.84e+0
	SAWAR	3.30e+03	2.00e+03	1.23e+03	7.95e+02	5.43e+02	3.97e+02	3.38e+02	3.06e+02	2.87e+02	2.75e+02	2.72e+02	2.70e+0
TRACE	DRAFT	5.09e+05	1.75e+05	6.15e+04	2.23e+04	8.34e+03	3.31e+03	1.48e+03	8.34e+02	6.09e+02	5.38e+02	5.27e+02	5.24e+(
	Noise	2.14e+09	2.12e+08	2.24e+07	2.58e+06	3.25e+05	4.62e+04	7.86e+03	1.89e+03	7.98e+02	5.76e+02	5.46e+02	5.35e+(
	FGSM	4.68e+08	4.01e+07	3.85e+06	4.31e+05	5.82e+04	9.91e+03	2.30e+03	8.91e+02	6.03e+02	5.39e+02	5.31e+02	5.28e+0
	PGD	4.42e+07	6.51e+06	1.04e+06	1.82e+05	3.49e+04	7.47e+03	2.01e+03	8.54e+02	5.99e+02	5.39e+02	5.31e+02	5.27e+0
	AAE-Cox	1.06e+24	1.53e+21	2.08e+18	2.78e+15	2.40e+12	2.92e+09	5.29e+06	2.86e+04	9.75e+02	5.41e+02	5.31e+02	5.29e+(
	SAWAR	1.49e+03	1.01e+03	7.74e+02	6.57e+02	5.98e+02	5.67e+02	5.48e+02	5.35e+02	5.28e+02	5.24e+02	5.24e+02	5.24e+(
dataDIVAT1	DRAFT	2.97e+04	1.56e+04	8.36e+03	4.56e+03	2.59e+03	1.59e+03	1.11e+03	8.83e+02	7.91e+02	7.56e+02	7.51e+02	7.50e+0
	Noise	1.60e+10	1.12e+09	8.30e+07	6.62e+06	5.83e+05	5.99e+04	8.13e+03	1.87e+03	9.38e+02	7.78e+02	7.61e+02	7.59e+(
	FGSM	3.25e+08	3.59e+07	4.13e+06	5.10e+05	7.07e+04	1.17e+04	2.66e+03	1.10e+03	8.11e+02	7.58e+02	7.53e+02	7.52e+0
	PGD	1.22e+08	1.55e+07	2.06e+06	2.92e+05	4.56e+04	8.39e+03	2.15e+03	1.01e+03	7.94e+02	7.55e+02	7.52e+02	7.51e+(
	AAE-Cox	9.96e+18	6.79e+16	3.12e+14	1.88e+12	1.37e+10	1.14e+08	1.05e+06	1.57e+04	1.04e+03	7.50e+02	7.45e+02	7.45e+(
	SAWAR	7.89e+02	7.79e+02	7.70e+02	7.63e+02	7.58e+02	7.54e+02	7.51e+02	7.49e+02	7.47e+02	7.46e+02	7.46e+02	7.46e+0
flchain	DRAFT	1.57e+22	5.59e+19	2.03e+17	7.97e+14	3.37e+12	1.52e+10	7.49e+07	5.25e+05	1.45e+04	1.95e+03	1.25e+03	1.10e+0
	Noise	2.69e+32	2.90e+28	3.20e+24	5.94e+33	2.08e+27	7.50e+20	3.25e+14	2.31e+08	6.25e+04	2.40e+03	1.47e+03	1.24e+(
	FGSM	5.19e+19	7.59e+16	1.21e+14	2.16e+11	7.32e+08	9.31e+06	2.85e+05	1.58e+04	2.16e+03	1.18e+03	1.12e+03	1.10e+0
	PGD	3.10e+15	1.18e+13	6.11e+10	6.20e+08	1.63e+07	6.61e+05	3.81e+04	4.41e+03	1.43e+03	1.12e+03	1.09e+03	1.09e+0
	AAE-Cox	nan	4.02e+33	2.23e+10	1.11e+03	1.08e+0							
	SAWAR	5.84e+05	3.37e+04	4.04e+03	1.74e+03	1.31e+03	1.18e+03	1.13e+03	1.11e+03	1.10e+03	1.09e+03	1.09e+03	1.09e+0
prostate	DRAFT	5.92e+05	2.18e+05	8.11e+04	3.04e+04	1.16e+04	4.49e+03	1.83e+03	8.39e+02	4.86e+02	3.71e+02	3.48e+02	3.37e+0
	Noise	6.55e+23	1.63e+21	4.14e+18	1.02e+16	2.79e+13	8.22e+10	2.79e+08	1.36e+06	3.02e+04	3.29e+03	1.53e+03	9.01e+0
	FGSM	5.24e+15	9.63e+13	1.84e+12	3.69e+10	7.62e+08	1.69e+07	4.35e+05	1.56e+04	1.19e+03	4.22e+02	3.76e+02	3.63e+0
	PGD	1.20e+13	4.77e+11	1.96e+10	8.28e+08	3.66e+07	1.75e+06	9.45e+04	6.42e+03	8.39e+02	3.99e+02	3.67e+02	3.57e+(
	AAE-Cox	1.53e+20	9.61e+17	6.16e+15	4.00e+13	2.65e+11	1.87e+09	1.33e+07	1.16e+05	1.81e+03	3.47e+02	3.33e+02	3.31e+0
	SAWAR	6.21e+02	5.06e+02	4.28e+02	3.91e+02	3.67e+02	3.55e+02	3.47e+02	3.41e+02	3.37e+02	3.35e+02	3.34e+02	3.33e+0
retinopathy	DRAFT	1.21e+04	6.19e+03	3.21e+03	1.68e+03	9.15e+02	5.24e+02	3.31e+02	2.39e+02	1.96e+02	1.76e+02	1.71e+02	1.69e+0
	Noise	1.65e+04	8.10e+03	4.01e+03	2.03e+03	1.05e+03	5.83e+02	3.54e+02	2.47e+02	1.99e+02	1.77e+02	1.72e+02	1.69e+0
	FGSM	7.62e+03	4.03e+03	2.15e+03	1.18e+03	6.72e+02	4.10e+02	2.80e+02	2.16e+02	1.86e+02	1.73e+02	1.70e+02	1.69e+0
	PGD	7.32e+03	3.87e+03	2.08e+03	1.14e+03	6.55e+02	4.03e+02	2.75e+02	2.14e+02	1.85e+02	1.73e+02	1.70e+02	1.69e+0
	AAE-Cox	1.32e+13	3.68e+11	1.03e+10	2.98e+08	8.67e+06	2.82e+05	1.17e+04	8.14e+02	1.98e+02	1.68e+02	1.67e+02	1.67e+0
	SAWAR	6.10e+02	4.69e+02	3.69e+02	3.00e+02	2.51e+02	2.18e+02	1.96e+02	1.82e+02	1.74e+02	1.69e+02	1.68e+02	1.68e+0
stagec	DRAFT	1.17e+04	5.05e+03	2.20e+03	9.79e+02	4.44e+02	2.10e+02	1.07e+02	6.47e+01	4.80e+01	4.24e+01	4.15e+01	4.13e+
	Noise FGSM	6.21e+04	2.17e+04	7.71e+03	2.72e+03	1.01e+03	3.86e+02	1.63e+02	8.11e+01	5.29e+01	4.44e+01	4.31e+01	4.27e+
		1.02e+04	4.31e+03	1.80e+03	7.90e+02	3.54e+02	1.69e+02	9.18e+01	5.99e+01	4.77e+01	4.40e+01	4.35e+01	4.36e+
	PGD	8.55e+03	3.69e+03	1.60e+03	7.18e+02	3.32e+02	1.62e+02	8.89e+01	5.88e+01	4.73e+01	4.38e+01	4.34e+01	4.35e+
	AAE-Cox	1.32e+20	6.14e+17	2.58e+15	1.21e+13	5.37e+10	2.81e+08	1.53e+06	1.01e+04	1.53e+02	4.20e+01	4.10e+01	4.09e+
	SAWAR	2.52e+02	1.75e+02	1.26e+02	9.40e+01	7.32e+01	5.96e+01	5.14e+01	4.61e+01	4.28e+01	4.09e+01	4.04e+01	4.01e+
zinc	DRAFT	1.34e+06	3.43e+05	8.95e+04	2.36e+04	6.49e+03	1.84e+03	5.72e+02	2.12e+02	1.11e+02	8.33e+01	7.84e+01	7.64e+
	Noise	1.01e+07	2.02e+06	4.01e+05	8.52e+04	1.86e+04	4.26e+03	1.05e+03	3.06e+02	1.28e+02	8.63e+01	8.05e+01	7.86e+
	FGSM	3.49e+05	9.39e+04	2.69e+04	7.98e+03	2.42e+03	8.00e+02	3.01e+02	1.41e+02	9.24e+01	7.95e+01	7.82e+01	7.82e+
	PGD	4.28e+05	1.09e+05	2.89e+04	7.84e+03	2.37e+03	7.72e+02	2.87e+02	1.36e+02	9.09e+01	7.94e+01	7.83e+01	7.85e+0
	AAE-Cox	1.15e+24	1.54e+21	4.97e+18	8.90e+15	1.88e+13	2.84e+10	5.64e+07	1.63e+05	7.39e+02	8.21e+01	7.79e+01	7.76e+
	SAWAR	5.06e+02	3.35e+02	2.31e+02	1.67e+02	1.28e+02	1.04e+02	9.02e+01	8.23e+01	7.82e+01	7.68e+01	7.68e+01	7.72e+

TABLE VIII: Negative Log Likelihood metric for *SurvSet* datasets (lower is better) for each adversarial training method against the worst-case adversarial attack.

We find that as the ϵ -perturbation magnitude increases from 0 to 1 for the FGSM adversarial attack, the relative percentage change from DRAFT to the adversarial training methods becomes larger and then smaller. The relative percent changes in Concordance Index metric from the DRAFT training objective to SAWAR training objective is shown in Table IX (where higher percentage change is better). We note that for very large ϵ , since our data is standard normalized all methods begin to fail.

ϵ	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
$\%\Delta$	39.82	59.68	72.41	86.66	105.06	136.98	168.31	178.41	116.94	26.54	12.48	1.6

TABLE IX: The relative percent change in Concordance Index metric from the DRAFT model to the SAWAR training objective averaged across the *SurvSet* datasets for the FGSM adversarial attack. A lower relative percent change is better.

Dataset	ϵ Algorithm	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
Aids2	DRAFT	0.232	0.233	0.235	0.238	0.243	0.25	0.259	0.274	0.3	0.376	0.458	0.57
Alusz	Noise	0.232	0.231	0.233	0.236	0.24	0.249	0.26	0.277	0.306	0.386	0.465	0.56
	FGSM	0.356	0.363	0.375	0.389	0.403	0.421	0.439	0.459	0.477	0.508	0.531	0.56
	PGD	0.326	0.336	0.35	0.367	0.385	0.409	0.434	0.46	0.486	0.515	0.534	0.56
	AAE-Cox	0.241	0.246	0.253	0.261	0.271	0.282	0.299	0.332	0.39	0.474	0.523	0.57
	SAWAR	0.259	0.265	0.276	0.289	0.306	0.327	0.352	0.385	0.43	0.493	0.53	0.56
Framingham	DRAFT	0.142	0.143	0.143	0.144	0.144	0.145	0.148	0.168	0.257	0.468	0.6	0.72
	Noise	0.143	0.144	0.144	0.145	0.145	0.146	0.15	0.173	0.265	0.473	0.601	0.71
	FGSM	0.149	0.152	0.156	0.164	0.18	0.208	0.257	0.332	0.437	0.57	0.643	0.7
	PGD	0.181	0.189	0.2	0.218	0.245	0.285	0.34	0.411	0.5	0.603	0.66	0.71
	AAE-Cox	0.148	0.152	0.162	0.181	0.216	0.269	0.34	0.427	0.53	0.636	0.687	0.73
	SAWAR	0.149	0.158	0.178	0.213	0.268	0.34	0.417	0.5	0.584	0.665	0.702	0.73
LeukSurv	DRAFT	0.378	0.38	0.381	0.383	0.387	0.394	0.407	0.432	0.475	0.544	0.587	0.63
	Noise	0.39	0.393	0.397	0.401	0.406	0.411	0.417	0.428	0.453	0.507	0.556	0.62
	FGSM	0.397	0.401	0.405	0.41	0.418	0.427	0.443	0.466	0.499	0.554	0.59	0.63
	PGD	0.399	0.402	0.407	0.411	0.419	0.431	0.447	0.473	0.508	0.562	0.597	0.63
	AAE-Cox	0.376	0.377	0.379	0.382	0.388	0.4	0.42	0.453	0.506	0.575	0.615	0.65
	SAWAR	0.392	0.399	0.409	0.423	0.442	0.465	0.494	0.529	0.574	0.623	0.649	0.67
TRACE	DRAFT	0.219	0.221	0.225	0.232	0.247	0.279	0.334	0.415	0.524	0.642	0.696	0.74
	Noise	0.234	0.236	0.24	0.246	0.259	0.286	0.336	0.414	0.52	0.639	0.695	0.74
	FGSM	0.29	0.311	0.336	0.369	0.408	0.454	0.507	0.565	0.625	0.685	0.715	0.74
	PGD	0.304	0.326	0.353	0.388	0.428	0.475	0.525	0.58	0.635	0.691	0.718	0.74
	AAE-Cox	0.251	0.273	0.302	0.339	0.384	0.438	0.498	0.563	0.63	0.692	0.721	0.74
	SAWAR	0.287	0.32	0.363	0.411	0.464	0.519	0.57	0.62	0.665	0.708	0.729	0.74
dataDIVAT1	DRAFT	0.097	0.098	0.099	0.1	0.101	0.103	0.105	0.122	0.214	0.414	0.53	0.65
	Noise	0.094	0.094	0.095	0.096	0.097	0.099	0.101	0.111	0.178	0.366	0.494	0.63
	FGSM	0.114	0.116	0.12	0.126	0.138	0.161	0.203	0.27	0.362	0.482	0.559	0.64
	PGD	0.137	0.143	0.152	0.167	0.188	0.22	0.265	0.33	0.409	0.511	0.574	0.64
	AAE-Cox	0.111	0.114	0.122	0.139	0.167	0.209	0.268	0.347	0.443	0.551	0.607	0.66
	SAWAR	0.156	0.201	0.253	0.311	0.368	0.422	0.461	0.506	0.555	0.609	0.637	0.67
flchain	DRAFT	0.152	0.153	0.154	0.155	0.156	0.157	0.159	0.164	0.197	0.895	0.903	0.92
	Noise	0.166	0.167	0.169	0.171	0.175	0.182	0.213	0.333	0.809	0.9	0.904	0.9
	FGSM	0.507	0.628	0.727	0.8	0.854	0.883	0.898	0.902	0.906	0.911	0.915	0.92
	PGD	0.539	0.717	0.824	0.876	0.896	0.9	0.903	0.905	0.908	0.913	0.917	0.92
	AAE-Cox	0.172	0.188	0.218	0.275	0.372	0.508	0.665	0.81	0.899	0.918	0.922	0.92
	SAWAR	0.628	0.831	0.894	0.9	0.904	0.907	0.909	0.912	0.916	0.921	0.924	0.92
prostate	DRAFT	0.308	0.311	0.314	0.318	0.321	0.326	0.333	0.339	0.357	0.435	0.531	0.66
	Noise	0.305	0.305	0.306	0.307	0.309	0.314	0.32	0.328	0.344	0.394	0.457	0.56
	FGSM	0.293	0.295	0.297	0.3	0.304	0.308	0.312	0.32	0.343	0.407	0.474	0.57
	PGD	0.299	0.301	0.303	0.305	0.308	0.312	0.318	0.331	0.36	0.431	0.502	0.58
	AAE-Cox	0.308	0.308	0.311	0.315	0.325	0.342	0.375	0.426	0.499	0.597	0.645	0.69
	SAWAR	0.288	0.292	0.299	0.31	0.326	0.349	0.384	0.432	0.499	0.579	0.618	0.65
retinopathy	DRAFT	0.139	0.141	0.145	0.15	0.152	0.152	0.153	0.158	0.209	0.425	0.554	0.66
	Noise	0.134	0.137	0.138	0.138	0.138	0.138	0.138	0.15	0.245	0.456	0.57	0.66
	FGSM	0.131	0.133	0.135	0.135	0.135	0.135	0.137	0.155	0.255	0.456	0.561	0.65
	PGD	0.13	0.13	0.131	0.131	0.131	0.131	0.134	0.154	0.254	0.456	0.56	0.65
	AAE-Cox	0.129	0.129	0.13	0.137	0.157	0.196	0.247	0.337	0.444	0.541	0.595	0.64
	SAWAR	0.131	0.13	0.13	0.131	0.135	0.149	0.178	0.251	0.371	0.51	0.584	0.64
stagec	DRAFT	0.137	0.136	0.136	0.132	0.136	0.135	0.151	0.174	0.23	0.34	0.407	0.5
	Noise	0.133	0.133	0.132	0.132	0.136	0.144	0.16	0.187	0.261	0.362	0.442	0.55
	FGSM	0.12	0.124	0.127	0.134	0.146	0.147	0.157	0.184	0.255	0.33	0.417	0.5
	PGD	0.115	0.117	0.122	0.128	0.141	0.144	0.154	0.181	0.259	0.327	0.412	0.50
	AAE-Cox	0.125	0.121	0.131	0.141	0.163	0.202	0.241	0.296	0.352	0.426	0.485	0.54
	SAWAR	0.123	0.124	0.127	0.139	0.149	0.179	0.239	0.281	0.347	0.425	0.486	0.55
zinc	DRAFT	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.068	0.155	0.485	0.646	0.7
	Noise	0.053	0.053	0.054	0.053	0.054	0.057	0.062	0.095	0.248	0.547	0.668	0.7
	FGSM	0.055	0.056	0.056	0.058	0.06	0.07	0.095	0.199	0.404	0.61	0.705	0.78
	PGD	0.056	0.056	0.057	0.058	0.064	0.078	0.113	0.22	0.42	0.615	0.706	0.78
	-												
	AAE-Cox	0.062	0.065	0.079	0.101	0.162	0.227	0.291	0.409	0.551	0.655	0.708	0.75

TABLE X: Concordance Index metric for *SurvSet* datasets (higher is better) for each adversarial training method against the FGSM adversarial attack.

We find that as the ϵ -perturbation magnitude increases from 0 to 1 for the FGSM adversarial attack, the relative percentage change from DRAFT to the adversarial training methods becomes larger and then smaller. The relative percent changes in Integrated Brier Scores metric from the DRAFT training objective to SAWAR training objective is shown in Table XI (where lower percentage change is better). We note that for very large ϵ , since our data is standard normalized all methods begin to fail.

ϵ	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
$\%\Delta$	-44.57	-46.37	-47.93	-49.06	-49.43	-48.69	-46.35	-41.82	-33.56	-20.63	-11.37	-0.65

TABLE XI: The relative percent change in Integrated Brier Score metric from the DRAFT model to the SAWAR training objective averaged across the *SurvSet* datasets for the FGSM adversarial attack. A lower relative percent change is better.

Dataset	<i>ϵ</i>	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
	Algorithm												
Aids2	DRAFT	0.232	0.233	0.235	0.238	0.243	0.25	0.259	0.274	0.3	0.376	0.458	0.57
	Noise FGSM	0.23	0.231	0.233	0.236	0.24	0.249	0.26	0.277	0.306	0.386	0.465	0.56
	PGD	0.326	0.363	0.375	0.389	0.403	0.421	0.439	0.459	0.477	0.508	0.531	0.56
	AAE-Cox	0.326	0.336	0.253	0.261	0.383	0.409	0.434	0.332	0.480	0.313	0.523	0.57
	SAWAR	0.259	0.265	0.233	0.289	0.306	0.282	0.352	0.332	0.43	0.493	0.525	0.56
Framingham	DRAFT	0.142	0.143	0.143	0.144	0.144	0.145	0.148	0.168	0.257	0.468	0.6	0.72
	Noise	0.143	0.144	0.144	0.145	0.145	0.146	0.15	0.173	0.265	0.473	0.601	0.71
	FGSM	0.149	0.152	0.156	0.164	0.18	0.208	0.257	0.332	0.437	0.57	0.643	0.71
	PGD	0.181	0.189	0.2	0.218	0.245	0.285	0.34	0.411	0.5	0.603	0.66	0.71
	AAE-Cox	0.148	0.152	0.162	0.181	0.216	0.269	0.34	0.427	0.53	0.636	0.687	0.73
	SAWAR	0.149	0.158	0.178	0.213	0.268	0.34	0.417	0.5	0.584	0.665	0.702	0.73
LeukSurv	DRAFT	0.378	0.38	0.381	0.383	0.387	0.394	0.407	0.432	0.475	0.544	0.587	0.63
	Noise	0.39	0.393	0.397	0.401	0.406	0.411	0.417	0.428	0.453	0.507	0.556	0.62
	FGSM	0.397	0.401	0.405	0.41	0.418	0.427	0.443	0.466	0.499	0.554	0.59	0.63
	PGD	0.399	0.402	0.407	0.411	0.419	0.431	0.447	0.473	0.508	0.562	0.597	0.63
	AAE-Cox	0.376	0.377	0.379	0.382	0.388	0.4	0.42	0.453	0.506	0.575	0.615	0.65
	SAWAR	0.392	0.399	0.409	0.423	0.442	0.465	0.494	0.529	0.574	0.623	0.649	0.67
TRACE	DRAFT	0.219	0.221	0.225	0.232	0.247	0.279	0.334	0.415	0.524	0.642	0.696	0.74
	Noise	0.234	0.236	0.24	0.246	0.259	0.286	0.336	0.414	0.52	0.639	0.695	0.74
	FGSM	0.29	0.311	0.336	0.369	0.408	0.454	0.507	0.565	0.625	0.685	0.715	0.74
	PGD	0.304	0.326	0.353	0.388	0.428	0.475	0.525	0.58	0.635	0.691	0.718	0.74
	AAE-Cox	0.251	0.273	0.302	0.339	0.384	0.438	0.498	0.563	0.63	0.692	0.721	0.74
	SAWAR	0.287	0.32	0.363	0.411	0.464	0.519	0.57	0.62	0.665	0.708	0.729	0.74
dataDIVAT1	DRAFT	0.097	0.098	0.099	0.1	0.101	0.103	0.105	0.122	0.214	0.414	0.53	0.65
	Noise	0.094	0.094	0.095	0.096	0.097	0.099	0.101	0.111	0.178	0.366	0.494	0.63
	FGSM	0.114	0.116	0.12	0.126	0.138	0.161	0.203	0.27	0.362	0.482	0.559	0.64
	PGD	0.137	0.143	0.152	0.167	0.188	0.22	0.265	0.33	0.409	0.511	0.574	0.64
	AAE-Cox	0.111	0.114	0.122	0.139	0.167	0.209	0.268	0.347	0.443	0.551	0.607	0.66
0.1.1	SAWAR	0.156	0.201	0.253	0.311	0.368	0.422	0.461	0.506	0.555	0.609	0.637	0.67
flchain	DRAFT	0.152	0.153	0.154	0.155	0.156	0.157	0.159	0.164	0.197	0.895	0.903	0.92
	Noise	0.166	0.167	0.169	0.171	0.175	0.182	0.213	0.333	0.809		0.904	
	FGSM PGD	0.507	0.628	0.727	0.8 0.876	0.854	0.883	0.898	0.902	0.906	0.911	0.915	0.92
	AAE-Cox	0.339	0.717	0.824	0.275	0.890	0.508	0.903	0.903	0.899	0.913	0.917	0.92
	SAWAR	0.172	0.188	0.894	0.273	0.904	0.907	0.909	0.912	0.899	0.918	0.922	0.92
prostate	DRAFT	0.308	0.311	0.314	0.318	0.321	0.326	0.333	0.339	0.357	0.435	0.531	0.66
prostate	Noise	0.305	0.305	0.306	0.307	0.309	0.314	0.32	0.328	0.344	0.394	0.457	0.56
	FGSM	0.293	0.295	0.297	0.3	0.304	0.308	0.312	0.32	0.343	0.407	0.474	0.57
	PGD	0.299	0.301	0.303	0.305	0.308	0.312	0.318	0.331	0.36	0.431	0.502	0.58
	AAE-Cox	0.308	0.308	0.311	0.315	0.325	0.342	0.375	0.426	0.499	0.597	0.645	0.69
	SAWAR	0.288	0.292	0.299	0.31	0.326	0.349	0.384	0.432	0.499	0.579	0.618	0.65
retinopathy	DRAFT	0.139	0.141	0.145	0.15	0.152	0.152	0.153	0.158	0.209	0.425	0.554	0.66
	Noise	0.134	0.137	0.138	0.138	0.138	0.138	0.138	0.15	0.245	0.456	0.57	0.66
	FGSM	0.131	0.133	0.135	0.135	0.135	0.135	0.137	0.155	0.255	0.456	0.561	0.65
	PGD	0.13	0.13	0.131	0.131	0.131	0.131	0.134	0.154	0.254	0.456	0.56	0.65
	AAE-Cox	0.129	0.129	0.13	0.137	0.157	0.196	0.247	0.337	0.444	0.541	0.595	0.64
	SAWAR	0.131	0.13	0.13	0.131	0.135	0.149	0.178	0.251	0.371	0.51	0.584	0.64
stagec	DRAFT	0.137	0.136	0.136	0.132	0.136	0.135	0.151	0.174	0.23	0.34	0.407	0.51
	Noise	0.133	0.133	0.132	0.132	0.136	0.144	0.16	0.187	0.261	0.362	0.442	0.55
	FGSM	0.12	0.124	0.127	0.134	0.146	0.147	0.157	0.184	0.255	0.33	0.417	0.51
	PGD	0.115	0.117	0.122	0.128	0.141	0.144	0.154	0.181	0.259	0.327	0.412	0.50
	AAE-Cox	0.125	0.121	0.131	0.141	0.163	0.202	0.241	0.296	0.352	0.426	0.485	0.54
	SAWAR	0.123	0.124	0.127	0.139	0.149	0.179	0.239	0.281	0.347	0.425	0.486	0.55
zinc	DRAFT	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.068	0.155	0.485	0.646	0.77
	Noise	0.053	0.053	0.054	0.053	0.054	0.057	0.062	0.095	0.248	0.547	0.668	0.77
	FGSM	0.055	0.056	0.056	0.058	0.06	0.07	0.095	0.199	0.404	0.61	0.705	0.78
	PGD	0.056	0.056	0.057	0.058	0.064	0.078	0.113	0.22	0.42	0.615	0.706	0.78
	AAE-Cox	0.062	0.065	0.079	0.101	0.162	0.227	0.291	0.409	0.551	0.655	0.708	0.75
		0.055	0.056	0.058	0.073	0.111	0.213	0.325	0.446	0.556	0.679	0.729	0.77

TABLE XII: Concordance Index metric for *SurvSet* datasets (higher is better) for each adversarial training method against the FGSM adversarial attack.

Dataset	ϵ Algorithm	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.00
Aids2	DRAFT	1.04e+03	0.0502	0.48-+02	9.01e+02	9.5402	9.0602	7.56-102	7.04-+02	6.40-+02	5.02-102	5.66-100	5.410
Alus2	Noise	9.94e+02	9.95e+02 9.53e+02	9.48e+02 9.11e+02	8.69e+02	8.54e+02 8.26e+02	8.06e+02 7.82e+02	7.56e+02 7.37e+02	7.04e+02 6.89e+02	6.49e+02 6.39e+02	5.92e+02 5.88e+02	5.66e+02 5.64e+02	5.41e+0
	FGSM	6.16e+02	6.10e+02	6.04e+02	5.97e+02	5.91e+02	5.84e+02	5.77e+02	5.70e+02	5.63e+02	5.54e+02	5.48e+02	5.41e+
	PGD	6.20e+02	6.13e+02	6.05e+02	5.98e+02	5.91e+02	5.83e+02	5.76e+02	5.68e+02	5.60e+02	5.52e+02	5.47e+02	5.41e+
	AAE-Cox	7.00e+02	6.83e+02	6.67e+02	6.51e+02	6.35e+02	6.19e+02	6.03e+02	5.87e+02	5.71e+02	5.55e+02	5.47e+02	5.39e+
	SAWAR	5.84e+02	5.80e+02	5.76e+02	5.72e+02	5.68e+02	5.63e+02	5.59e+02	5.55e+02	5.50e+02	5.45e+02	5.43e+02	5.40e+
Framingham	DRAFT	4.23e+03	4.10e+03	3.91e+03	3.65e+03	3.33e+03	2.97e+03	2.61e+03	2.26e+03	1.95e+03	1.68e+03	1.57e+03	1.48e+
r ranningnam	Noise	4.00e+03	3.89e+03	3.73e+03	3.51e+03	3.23e+03	2.91e+03	2.57e+03	2.24e+03	1.94e+03	1.69e+03	1.58e+03	1.48e+
	FGSM	2.11e+03	2.07e+03	2.03e+03	1.98e+03	1.93e+03	1.88e+03	1.82e+03	1.75e+03	1.67e+03	1.58e+03	1.53e+03	1.48e+
	PGD	1.99e+03	1.95e+03	1.91e+03	1.87e+03	1.83e+03	1.79e+03	1.74e+03	1.68e+03	1.62e+03	1.56e+03	1.52e+03	1.48e+
	AAE-Cox	2.38e+03	2.27e+03	2.16e+03	2.06e+03	1.96e+03	1.87e+03	1.74e+03	1.70e+03	1.62e+03	1.54e+03	1.51e+03	1.47e+
	SAWAR	1.96e+03	1.90e+03	1.84e+03	1.79e+03	1.73e+03	1.68e+03	1.64e+03	1.59e+03	1.55e+03	1.51e+03	1.49e+03	1.48e+
LeukSurv	DRAFT	2.66e+03	2.16e+03	1.77e+03	1.45e+03	1.19e+03	9.73e+02	7.93e+02	6.41e+02	5.10e+02	3.99e+02	3.50e+02	3.07e+
Loukourv	Noise	1.13e+06	5.84e+05	2.96e+05	1.52e+05	7.88e+04	4.05e+04	1.94e+04	9.21e+03	4.25e+03	1.89e+03	1.23e+03	7.75e+
	FGSM	2.76e+03	2.33e+03	1.96e+03	1.65e+03	1.39e+03	1.16e+03	9.64e+02	7.82e+02	6.18e+02	4.64e+02	3.92e+02	3.25e+0
	PGD	1.79e+03	1.57e+03	1.38e+03	1.21e+03	1.05e+03	9.10e+02	7.76e+02	6.49e+02	5.30e+02	4.15e+02	3.60e+02	3.07e+0
	AAE-Cox	1.09e+03	9.83e+02	8.87e+02	7.97e+02	7.12e+02	6.32e+02	5.57e+02	4.84e+02	4.12e+02	3.43e+02	3.12e+02	2.84e+0
	SAWAR	5.40e+02	5.12e+02	4.85e+02	4.57e+02	4.29e+02	4.01e+02	3.73e+02	3.46e+02	3.20e+02	2.94e+02	2.82e+02	2.70e+0
TRACE	DRAFT	2.31e+03	2.09e+03	1.87e+03	1.64e+03	1.43e+03	1.22e+03	1.03e+03	8.69e+02	7.29e+02	6.14e+02	5.66e+02	5.24e+0
THE ICE	Noise	4.55e+03	3.85e+03	3.20e+03	2.63e+03	2.14e+03	1.72e+03	1.36e+03	1.06e+03	8.29e+02	6.60e+02	5.93e+02	5.35e+0
	FGSM	1.23e+03	1.15e+03	1.07e+03	9.98e+02	9.26e+02	8.54e+02	7.82e+02	7.13e+02	6.47e+02	5.85e+02	5.56e+02	5.28e+0
	PGD	1.17e+03	1.10e+03	1.03e+03	9.59e+02	8.90e+02	8.21e+02	7.54e+02	6.93e+02	6.35e+02	5.80e+02	5.53e+02	5.27e+0
	AAE-Cox	1.07e+03	1.00e+03	9.38e+02	8.77e+02	8.19e+02	7.63e+02	7.09e+02	6.59e+02	6.11e+02	5.68e+02	5.48e+02	5.29e+0
	SAWAR	1.01e+03	9.32e+02	8.63e+02	8.01e+02	7.47e+02	6.99e+02	6.57e+02	6.19e+02	5.84e+02	5.53e+02	5.38e+02	5.24e+0
dataDIVAT1	DRAFT	1.78e+03	1.72e+03	1.64e+03	1.55e+03	1.44e+03	1.32e+03	1.20e+03	1.07e+03	9.55e+02	8.46e+02	7.96e+02	7.50e+0
	Noise	2.02e+03	1.96e+03	1.88e+03	1.78e+03	1.65e+03	1.50e+03	1.35e+03	1.19e+03	1.03e+03	8.87e+02	8.20e+02	7.59e+0
	FGSM	1.09e+03	1.07e+03	1.05e+03	1.02e+03	1.00e+03	9.72e+02	9.40e+02	9.03e+02	8.59e+02	8.09e+02	7.81e+02	7.52e+0
	PGD	1.01e+03	9.95e+02	9.78e+02	9.60e+02	9.41e+02	9.19e+02	8.94e+02	8.65e+02	8.32e+02	7.95e+02	7.74e+02	7.51e+0
	AAE-Cox	1.25e+03	1.18e+03	1.12e+03	1.06e+03	1.01e+03	9.55e+02	9.09e+02	8.65e+02	8.23e+02	7.83e+02	7.64e+02	7.45e+0
	SAWAR	9.24e+02	9.01e+02	8.79e+02	8.59e+02	8.39e+02	8.20e+02	8.04e+02	7.89e+02	7.74e+02	7.60e+02	7.53e+02	7.46e+(
flchain	DRAFT	2.56e+04	2.36e+04	2.15e+04	1.95e+04	1.73e+04	1.47e+04	1.11e+04	6.38e+03	2.91e+03	1.59e+03	1.27e+03	1.10e+0
	Noise	1.62e+05	1.27e+05	8.24e+04	4.85e+04	2.97e+04	1.81e+04	9.84e+03	5.14e+03	2.95e+03	1.80e+03	1.45e+03	1.24e+(
	FGSM	2.49e+03	2.17e+03	1.87e+03	1.62e+03	1.44e+03	1.34e+03	1.28e+03	1.23e+03	1.19e+03	1.14e+03	1.12e+03	1.10e+0
	PGD	2.07e+03	1.76e+03	1.53e+03	1.37e+03	1.28e+03	1.22e+03	1.19e+03	1.16e+03	1.14e+03	1.11e+03	1.10e+03	1.09e+0
	AAE-Cox	2.98e+03	2.85e+03	2.73e+03	2.62e+03	2.50e+03	2.38e+03	2.23e+03	1.97e+03	1.47e+03	1.12e+03	1.09e+03	1.08e+0
	SAWAR	2.18e+03	1.83e+03	1.55e+03	1.33e+03	1.20e+03	1.14e+03	1.13e+03	1.11e+03	1.10e+03	1.09e+03	1.09e+03	1.09e+0
prostate	DRAFT	1.50e+03	1.44e+03	1.36e+03	1.24e+03	1.10e+03	9.38e+02	7.70e+02	6.16e+02	4.90e+02	3.97e+02	3.63e+02	3.37e+(
	Noise	1.88e+06	1.21e+06	6.72e+05	3.64e+05	1.97e+05	9.86e+04	4.32e+04	1.69e+04	6.34e+03	2.38e+03	1.46e+03	9.01e+0
	FGSM	8.51e+02	8.48e+02	8.41e+02	8.25e+02	7.97e+02	7.47e+02	6.78e+02	5.92e+02	5.05e+02	4.25e+02	3.92e+02	3.63e+0
	PGD	7.46e+02	7.32e+02	7.17e+02	6.97e+02	6.69e+02	6.30e+02	5.79e+02	5.22e+02	4.63e+02	4.05e+02	3.79e+02	3.57e+0
	AAE-Cox												
		4.64e+02		4.31e+02	4.16e+02	4.02e+02	3.89e+02						
		4.64e+02 4.40e+02	4.47e+02	4.31e+02 4.15e+02	4.16e+02 4.04e+02	4.02e+02 3.92e+02	3.89e+02 3.81e+02	3.77e+02	3.64e+02	3.52e+02	3.41e+02	3.36e+02	3.31e+0
retinonathy	SAWAR	4.40e+02	4.47e+02 4.28e+02	4.15e+02	4.04e+02	3.92e+02	3.81e+02	3.77e+02 3.70e+02	3.64e+02 3.60e+02	3.52e+02 3.51e+02	3.41e+02 3.42e+02	3.36e+02 3.37e+02	3.31e+0
retinopathy	SAWAR DRAFT	4.40e+02 5.04e+02	4.47e+02 4.28e+02 4.93e+02	4.15e+02 4.70e+02	4.04e+02 4.35e+02	3.92e+02 3.93e+02	3.81e+02 3.48e+02	3.77e+02 3.70e+02 3.02e+02	3.64e+02 3.60e+02 2.59e+02	3.52e+02 3.51e+02 2.22e+02	3.41e+02 3.42e+02 1.92e+02	3.36e+02 3.37e+02 1.80e+02	3.31e+0 3.33e+0 1.69e+0
retinopathy	SAWAR DRAFT Noise	4.40e+02 5.04e+02 5.47e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02	4.15e+02 4.70e+02 4.96e+02	4.04e+02 4.35e+02 4.54e+02	3.92e+02 3.93e+02 4.04e+02	3.81e+02 3.48e+02 3.54e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02	3.31e+4 3.33e+4 1.69e+4
retinopathy	SAWAR DRAFT Noise FGSM	4.40e+02 5.04e+02 5.47e+02 4.16e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02	3.31e+4 3.33e+4 1.69e+4 1.69e+4
retinopathy	DRAFT Noise FGSM PGD	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02	3.31e++ 3.33e++ 1.69e++ 1.69e++ 1.69e++
retinopathy	DRAFT Noise FGSM PGD AAE-Cox	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02	3.31e+l 3.33e+l 1.69e+l 1.69e+l 1.69e+l 1.67e+l
	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 1.81e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02 1.74e+02	3.31e+i 3.33e+i 1.69e+i 1.69e+i 1.69e+i 1.67e+i 1.68e+i
	DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02 1.15e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 1.81e+02 4.90e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02 1.74e+02 4.49e+01	3.31e++ 3.33e++ 1.69e++ 1.69e++ 1.69e++ 1.67e++ 1.68e++
	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02 1.44e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02 1.35e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02 1.15e+02 1.24e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02 1.12e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 9.97e+01	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01 8.67e+01	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01 7.39e+01	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 6.18e+01	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 1.81e+02 4.90e+01 5.13e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02 1.74e+02 4.49e+01 4.68e+01	3.31e++ 3.33e++ 1.69e++ 1.69e++ 1.69e++ 1.67e++ 1.68e++ 4.13e++ 4.27e++
	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02 1.15e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 1.81e+02 4.90e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02 1.74e+02 4.49e+01	3.31e++ 3.33e++ 1.69e++ 1.69e++ 1.69e++ 1.67e++ 1.68e++ 4.13e++ 4.27e++ 4.36e++
	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 1.01e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02 1.44e+02 9.73e+01	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02 1.15e+02 1.24e+02 9.11e+01 8.82e+01	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02 1.12e+02 8.52e+01 8.27e+01	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 9.97e+01 7.85e+01 7.65e+01	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01 8.67e+01 7.12e+01 6.97e+01	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01 7.39e+01 6.37e+01 6.27e+01	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 6.18e+01 5.64e+01 5.58e+01	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 1.81e+02 4.90e+01 5.13e+01 4.96e+01 4.93e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02 1.74e+02 4.49e+01 4.68e+01 4.65e+01	3.31e+ 3.33e+ 1.69e+ 1.69e+ 1.69e+ 1.67e+ 1.68e+ 4.13e+ 4.27e+ 4.36e+ 4.35e+
	DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD AAF-Cox	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 8.00e+01	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02 1.01e+02 9.73e+01 7.47e+01	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01 6.99e+01	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02 1.15e+02 1.24e+02 9.11e+01 8.82e+01 6.55e+01	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 1.04e+02 1.12e+02 8.52e+01 8.27e+01 6.15e+01	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 9.97e+01 7.85e+01 5.77e+01	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01 8.67e+01 7.12e+01 6.97e+01 5.42e+01	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01 7.39e+01 6.37e+01 5.07e+01	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 6.18e+01 5.54e+01 4.74e+01	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.73e+02 1.81e+02 4.90e+01 5.13e+01 4.96e+01 4.93e+01 4.41e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.70e+02 1.74e+02 4.49e+01 4.65e+01 4.63e+01 4.25e+01	3.31e+ 3.33e+ 1.69e+ 1.69e+ 1.69e+ 1.67e+ 1.68e+ 4.13e+ 4.36e+ 4.35e+ 4.09e+
stagec	DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 1.01e+02 8.00e+01 9.46e+01	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02 1.01e+02 9.73e+01 7.47e+01 8.98e+01	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01 6.99e+01 8.41e+01	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 2.82e+02 1.15e+02 1.24e+02 9.11e+01 8.82e+01 6.55e+01 7.80e+01	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 1.04e+02 1.12e+02 8.52e+01 8.27e+01 6.15e+01 7.17e+01	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 9.97e+01 7.85e+01 5.77e+01 6.57e+01	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01 7.12e+01 6.97e+01 5.42e+01 6.03e+01	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01 7.39e+01 6.27e+01 5.07e+01 5.48e+01	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 5.64e+01 5.58e+01 4.74e+01 4.95e+01	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.73e+02 1.81e+02 4.90e+01 4.96e+01 4.93e+01 4.41e+01 4.45e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.70e+02 1.70e+02 4.49e+01 4.68e+01 4.63e+01 4.25e+01 4.23e+01	3.31e+ 3.33e+ 1.69e+ 1.69e+ 1.69e+ 1.67e+ 1.68e+ 4.13e+ 4.36e+ 4.35e+ 4.09e+ 4.01e+
stagec	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR PGD AAE-Cox	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 1.01e+02 8.00e+01 9.46e+01 5.01e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02 1.01e+02 9.73e+01 7.47e+01 8.98e+01	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 2.99e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01 6.99e+01 8.41e+01 4.77e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 2.09e+02 2.82e+02 1.15e+02 1.24e+02 9.11e+01 6.55e+01 7.80e+01 4.45e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02 1.12e+02 8.52e+01 6.15e+01 7.17e+01 3.93e+02	3.81e+02 3.48e+02 3.54e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 7.65e+01 5.77e+01 6.57e+01 3.19e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01 7.12e+01 6.97e+01 5.42e+01 6.03e+01 2.39e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01 6.37e+01 6.27e+01 5.07e+01 5.48e+01 1.73e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 5.64e+01 5.58e+01 4.74e+01 4.95e+01 1.27e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.73e+02 1.73e+02 4.90e+01 5.13e+01 4.93e+01 4.93e+01 4.41e+01 4.45e+01 9.62e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.70e+02 1.74e+02 4.49e+01 4.65e+01 4.63e+01 4.25e+01 4.23e+01 8.52e+01	3.31e++ 3.33e++ 1.69e++ 1.69e++ 1.69e++ 1.69e++ 1.67e++ 1.68e++ 4.13e++ 4.36e++ 4.35e++ 4.09e++ 4.01e++ 7.64e++
stagec	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise DRAFT Noise AAE-Cox SAWAR	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 8.00e+01 9.46e+01 5.01e+02 5.54e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 3.14e+02 1.32e+02 1.01e+02 9.73e+01 7.47e+01 8.98e+01 4.94e+02 5.34e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.9e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01 6.99e+01 8.41e+01 4.77e+02 5.00e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 1.15e+02 1.24e+02 9.11e+01 8.82e+01 6.55e+01 7.80e+01 4.45e+02 4.52e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02 1.12e+02 8.52e+01 6.15e+01 7.17e+01 3.93e+02 3.87e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 9.97e+01 7.65e+01 5.77e+01 6.57e+01 3.19e+02 3.10e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 2.29e+02 8.09e+01 8.67e+01 7.12e+01 6.97e+01 5.42e+01 6.03e+01 2.39e+02 2.35e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 2.12e+02 6.91e+01 7.39e+01 6.27e+01 5.07e+01 1.73e+02 1.73e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 6.18e+01 5.58e+01 4.74e+01 1.27e+02 1.32e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 4.90e+01 5.13e+01 4.93e+01 4.93e+01 4.41e+01 9.62e+01 1.01e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.74e+02 4.49e+01 4.68e+01 4.63e+01 4.25e+01 8.52e+01 8.85e+01	3.31e+(3.33e+(1.69e+(1.69e+(1.69e+(1.69e+(1.67e+(1.68e+(4.13e+(4.36e+(4.35e+(4.09e+(4.01e+(7.64e+(7.86e+(
retinopathy	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD DRAFT Noise	4.40e+02 5.04e+02 5.47e+02 4.11e+02 4.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 1.01e+02 8.00e+01 9.46e+01 5.01e+02 5.54e+02 2.89e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.03e+02 2.21e+02 3.14e+02 1.32e+02 1.44e+02 9.73e+01 7.47e+01 8.98e+02 5.34e+02 2.79e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.14e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01 6.99e+01 4.77e+02 5.00e+02 2.63e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 1.15e+02 1.15e+02 1.124e+02 9.11e+01 8.82e+01 6.55e+01 7.80e+01 4.45e+02 4.52e+02 2.39e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 1.04e+02 1.12e+02 8.52e+01 8.27e+01 6.15e+01 7.17e+01 3.93e+02 3.87e+02 2.10e+02	3.81e+02 3.48e+02 3.54e+02 3.05e+02 3.05e+02 1.97e+02 9.29e+01 9.97e+01 7.65e+01 5.77e+01 6.57e+01 3.19e+02 3.10e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 1.91e+02 2.29e+02 8.09e+01 8.67e+01 7.12e+01 6.97e+01 5.42e+01 6.03e+01 2.39e+02 2.35e+02 1.52e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 1.85e+02 2.12e+02 6.91e+01 7.39e+01 6.27e+01 5.07e+01 5.48e+01 1.73e+02 1.73e+02 1.73e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.12e+02 2.12e+02 1.79e+02 5.82e+01 6.18e+01 5.58e+01 4.74e+01 1.27e+02 1.32e+02 1.09e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.81e+02 4.90e+01 4.96e+01 4.96e+01 4.41e+01 4.45e+01 9.62e+01 1.01e+02 9.21e+01	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.74e+02 4.49e+01 4.65e+01 4.65e+01 4.25e+01 4.23e+01 8.52e+01 8.85e+01 8.85e+01 8.85e+01	3.31e+(3.33e+(1.69e+(1.69e+(1.69e+(1.69e+(1.67e+(1.68e+(4.13e+(4.35e+(4.35e+(4.09e+(4.01e+(7.86e+(7.82e+(7.82e+
stagec	SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise FGSM PGD AAE-Cox SAWAR DRAFT Noise DRAFT Noise AAE-Cox SAWAR	4.40e+02 5.04e+02 5.47e+02 4.16e+02 4.11e+02 2.27e+02 3.27e+02 1.38e+02 1.52e+02 1.04e+02 8.00e+01 9.46e+01 5.01e+02 5.54e+02	4.47e+02 4.28e+02 4.93e+02 5.29e+02 4.09e+02 4.03e+02 3.14e+02 1.32e+02 1.01e+02 9.73e+01 7.47e+01 8.98e+01 4.94e+02 5.34e+02	4.15e+02 4.70e+02 4.96e+02 3.93e+02 3.88e+02 2.9e+02 1.24e+02 1.35e+02 9.63e+01 9.31e+01 6.99e+01 8.41e+01 4.77e+02 5.00e+02	4.04e+02 4.35e+02 4.54e+02 3.69e+02 3.65e+02 2.09e+02 1.15e+02 1.24e+02 9.11e+01 8.82e+01 6.55e+01 7.80e+01 4.45e+02 4.52e+02	3.92e+02 3.93e+02 4.04e+02 3.39e+02 3.37e+02 2.03e+02 2.65e+02 1.04e+02 1.12e+02 8.52e+01 6.15e+01 7.17e+01 3.93e+02 3.87e+02	3.81e+02 3.48e+02 3.54e+02 3.06e+02 3.05e+02 1.97e+02 2.47e+02 9.29e+01 9.97e+01 7.65e+01 5.77e+01 6.57e+01 3.19e+02 3.10e+02	3.77e+02 3.70e+02 3.02e+02 3.05e+02 2.73e+02 2.71e+02 2.29e+02 8.09e+01 8.67e+01 7.12e+01 6.97e+01 5.42e+01 6.03e+01 2.39e+02 2.35e+02	3.64e+02 3.60e+02 2.59e+02 2.62e+02 2.41e+02 2.40e+02 2.12e+02 6.91e+01 7.39e+01 6.27e+01 5.07e+01 1.73e+02 1.73e+02	3.52e+02 3.51e+02 2.22e+02 2.24e+02 2.13e+02 2.12e+02 1.79e+02 1.96e+02 5.82e+01 6.18e+01 5.58e+01 4.74e+01 1.27e+02 1.32e+02	3.41e+02 3.42e+02 1.92e+02 1.94e+02 1.89e+02 1.89e+02 1.73e+02 4.90e+01 5.13e+01 4.93e+01 4.93e+01 4.41e+01 9.62e+01 1.01e+02	3.36e+02 3.37e+02 1.80e+02 1.81e+02 1.79e+02 1.78e+02 1.74e+02 4.49e+01 4.68e+01 4.63e+01 4.25e+01 8.52e+01 8.85e+01	3.31e+(3.33e+(1.69e+(1.69e+(1.69e+(1.69e+(1.67e+(1.68e+(4.13e+(4.36e+(4.35e+(4.09e+(4.01e+(7.64e+(7.86e+(

TABLE XIII: Negative Log Likelihood metric for *SurvSet* datasets (lower is better) for each adversarial training method against the FGSM adversarial attack.