tol	C	max_iter	training accuracy	valid accuracy
0.01	0.01	500	0.7423	0.6774
0.01	0.01	1000	0.7423	0.6774
0.01	0.01	2000	0.7423	0.6774
0.01	0.03	500	0.7692	0.6774
0.01	0.03	1000	0.7692	0.6774
0.01	0.03	2000	0.7692	0.6774
0.01	0.1	500	0.7909	0.6723
0.01	0.1	1000	0.7909	0.6723
0.01	0.1	2000	0.7909	0.6723
0.01	0.3	500	0.8006	0.6625
0.01	0.3	1000	0.8006	0.6625
0.01	0.3	2000	0.8006	0.6625
0.01	1	500	0.8055	0.6518
0.01	1	1000	0.8055	0.6518
0.01	1	2000	0.8055	0.6518
0.01	3	500	0.8076	0.65
0.01	3	1000	0.808	0.6488
0.01	3	2000	0.8081	0.649
0.01	10	500	0.8059	0.6449
0.01	10	1000	0.8084	0.6475
0.01	10	2000	0.8081	0.6463
0.001	0.01	500	0.7423	0.6774
0.001	0.01	1000	0.7423	0.6774
0.001	0.01	2000	0.7423	0.6774
0.001	0.03	500	0.7692	0.6774
0.001	0.03	1000	0.7692	0.6774
0.001	0.03	2000	0.7692	0.6774
0.001	0.1	500	0.7909	0.6723
0.001	0.1	1000	0.7909	0.6723
0.001	0.1	2000	0.7909	0.6723
0.001	0.3	500	0.8006	0.6625
0.001	0.3	1000	0.8006	0.6625
0.001	0.3	2000	0.8006	0.6625
0.001	1	500	0.8055	0.6518
0.001	1	1000	0.8055	0.6518
0.001	1	2000	0.8055	0.6518
0.001	3	500	0.8077	0.6498
0.001	3	1000	0.808	0.6493
0.001	3	2000	0.8081	0.6487
0.001	10	500	0.8054	0.6441
0.001	10	1000	0.8086	0.6481
0.001	10	2000	0.8079	0.646
0.0001	0.01	500	0.7423	0.6774
0.0001	0.01	1000	0.7423	0.6774
0.0001	0.01	2000	0.7423	0.6774
0.0001	0.03	500	0.7692	0.6774
0.0001	0.03	1000	0.7692	0.6774

tol	C	max_iter	training accuracy	valid accuracy
0.0001	0.03	2000	0.7692	0.6774
0.0001	0.1	500	0.7909	0.6723
0.0001	0.1	1000	0.7909	0.6723
0.0001	0.1	2000	0.7909	0.6723
0.0001	0.3	500	0.8006	0.6625
0.0001	0.3	1000	0.8006	0.6625
0.0001	0.3	2000	0.8006	0.6625
0.0001	1	500	0.8055	0.6518
0.0001	1	1000	0.8054	0.6518
0.0001	1	2000	0.8055	0.6518
0.0001	3	500	0.8077	0.6502
0.0001	3	1000	0.808	0.6494
0.0001	3	2000	0.8081	0.6492
0.0001	10	500	0.8055	0.644
0.0001	10	1000	0.8087	0.6468
0.0001	10	2000	0.8082	0.6461
1e-05	0.01	500	0.7423	0.6774
1e-05	0.01	1000	0.7423	0.6774
1e-05	0.01	2000	0.7423	0.6774
1e-05	0.03	500	0.7692	0.6774
1e-05	0.03	1000	0.7692	0.6774
1e-05	0.03	2000	0.7692	0.6774
1e-05	0.1	500	0.7909	0.6723
1e-05	0.1	1000	0.7909	0.6723
1e-05	0.1	2000	0.7909	0.6723
1e-05	0.3	500	0.8006	0.6625
1e-05	0.3	1000	0.8006	0.6625
1e-05	0.3	2000	0.8006	0.6625
1e-05	1	500	0.8055	0.6518
1e-05	1	1000	0.8055	0.6518
1e-05	1	2000	0.8055	0.6518
1e-05	3	500	0.8075	0.6498
1e-05	3	1000	0.808	0.6494
1e-05	3	2000	0.808	0.6491
1e-05	10	500	0.8053	0.6439
1e-05	10	1000	0.8087	0.647
1e-05	10	2000	0.8084	0.6469
1e-06	0.01	500	0.7423	0.6774
1e-06	0.01	1000	0.7423	0.6774
1e-06	0.01	2000	0.7423	0.6774
1e-06	0.03	500	0.7692	0.6774
1e-06	0.03	1000	0.7692	0.6774
1e-06	0.03	2000	0.7692	0.6774
1e-06	0.1	500	0.7909	0.6723
1e-06	0.1	1000	0.7909	0.6723
1e-06	0.1	2000	0.7909	0.6723
1e-06	0.3	500	0.8006	0.6625

tol	C	max_iter	training accuracy	valid accuracy
1e-06	0.3	1000	0.8006	0.6625
1e-06	0.3	2000	0.8006	0.6625
1e-06	1	500	0.8055	0.6518
1e-06	1	1000	0.8055	0.6518
1e-06	1	2000	0.8055	0.6518
1e-06	3	500	0.808	0.6497
1e-06	3	1000	0.8081	0.6494
1e-06	3	2000	0.8081	0.649
1e-06	10	500	0.8054	0.644
1e-06	10	1000	0.8087	0.6461
1e-06	10	2000	0.808	0.6464

tol	C	max_iter	training accuracy	valid accuracy	test accuracy	test precision	test recall	test F1
0.01	0.01	500	0.7423	0.6774	0.6839	0.7214	0.6058	0.6586