alpha	training f1	valid f1	training f1 for each technique
1	0.7381	0.492	$[0.6731,\ 0.7215,\ 0.3995,\ 0.4015,\ 0.7963,\ 0.6093,\ 0.6574,\ 0.6619,\ 0.8452,\ 0.8418,\ 0.5044,\ 0.2619,\ 0.8418,\ $
0.1	0.8758	0.4607	[0.8803, 0.8494, 0.8913, 0.9084, 0.9303, 0.8952, 0.8338, 0.8464, 0.9091, 0.897, 0.7277, 0.814]
0.01	0.8893	0.4318	[0.883,  0.8618,  0.9024,  0.9203,  0.9436,  0.9256,  0.8473,  0.8451,  0.9165,  0.9074,  0.7628,  0.877,  0.883,  0.8618,  0.9024,  0.9203,  0.9436,  0.9256,  0.8473,  0.8451,  0.9165,  0.9074,  0.7628,  0.877,  0.883,  0.883,  0.8848,  0.883,  0.8848,
0.001	0.8914	0.4282	[0.8875, 0.8636, 0.9021, 0.9197, 0.9429, 0.9272, 0.8528, 0.8521, 0.9183, 0.9062, 0.7734, 0.8749, 0.8749, 0.8749, 0.8749, 0.8875, 0.88875,
0.0001	0.8915	0.4313	[0.8868, 0.8689, 0.9116, 0.9189, 0.9461, 0.9305, 0.8482, 0.8479, 0.9188, 0.9057, 0.7701, 0.8749, 0.91884, 0.91884, 0.91844, 0.91884, 0.
1e-05	0.8926	0.4298	[0.8859, 0.8706, 0.9064, 0.9241, 0.9436, 0.9309, 0.8517, 0.8513, 0.9188, 0.9071, 0.77, 0.8829]
1e-06	0.8925	0.4247	[0.8883,  0.8719,  0.9102,  0.9217,  0.945,  0.9312,  0.8512,  0.8463,  0.9186,  0.9073,  0.7708,  0.875]
1e-07	0.8933	0.4272	[0.889, 0.8715, 0.9135, 0.9218, 0.9441, 0.9318, 0.8528, 0.8497, 0.9197, 0.9085, 0.7707, 0.878]
1e-08	0.8927	0.429	[0.8907, 0.8699, 0.9077, 0.9219, 0.9455, 0.9315, 0.8518, 0.8516, 0.9187, 0.9061, 0.7732, 0.8736,
1e-09	0.8932	0.4252	$[0.8891,\ 0.8714,\ 0.9153,\ 0.9241,\ 0.9443,\ 0.9324,\ 0.8546,\ 0.8523,\ 0.9185,\ 0.9067,\ 0.7727,\ 0.878]$
alpha	training f1	valid f1	training f1 for each technique
1	0.7381	0.492	[0.6731, 0.7215, 0.3995, 0.4015, 0.7963, 0.6093, 0.6574, 0.6619, 0.8452, 0.8418, 0.5044, 0.263]