Scalar Regression Model

Study Viewer Test Set Report

Model: experiment_20260123_131810

Total patients: 114

Correct: 64 | Incorrect: 50
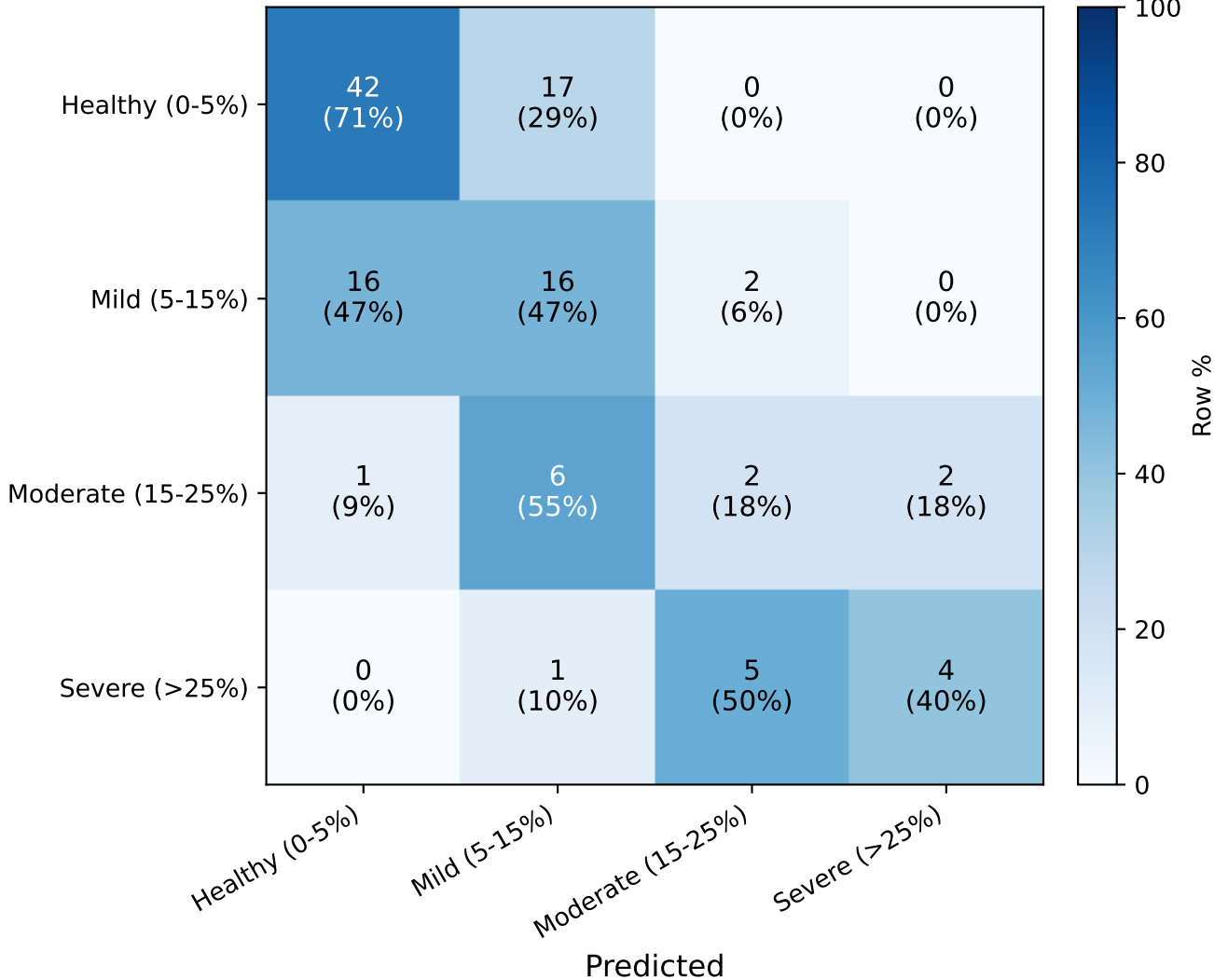
Overall Accuracy: 56.1%

MAE: 3.39% | Bias: -1.33% | Pearson r: 0.826

Confusion Matrix (Accuracy: 56.1%)

	Healthy (0-5%)	Mild (5-15%)	Moderate (15-25%)	Severe (>25%)
Healthy (0-5%)	42 (71%)	17 (29%)	0 (0%)	0 (0%)
Mild (5-15%)	16 (47%)	16 (47%)	2 (6%)	0 (0%)
Moderate (15-25%)	1 (9%)	6 (55%)	2 (18%)	2 (18%)
Severe (>25%)	0 (0%)	1 (10%)	5 (50%)	4 (40%)

Per-Class Classification Metrics

Class	N (GT)	N (Pred)	Precision	Recall	F1
Healthy (0-5%)	59	59	71.2%	71.2%	71.2%
Mild (5-15%)	34	40	40.0%	47.1%	43.2%
Moderate (15-25%)	11	9	22.2%	18.2%	20.0%
Severe (>25%)	10	6	66.7%	40.0%	50.0%

Overall Accuracy: 56.1%
Adjacent Accuracy (+/-1): 98.2%

Predicted vs Ground Truth Fat Fraction
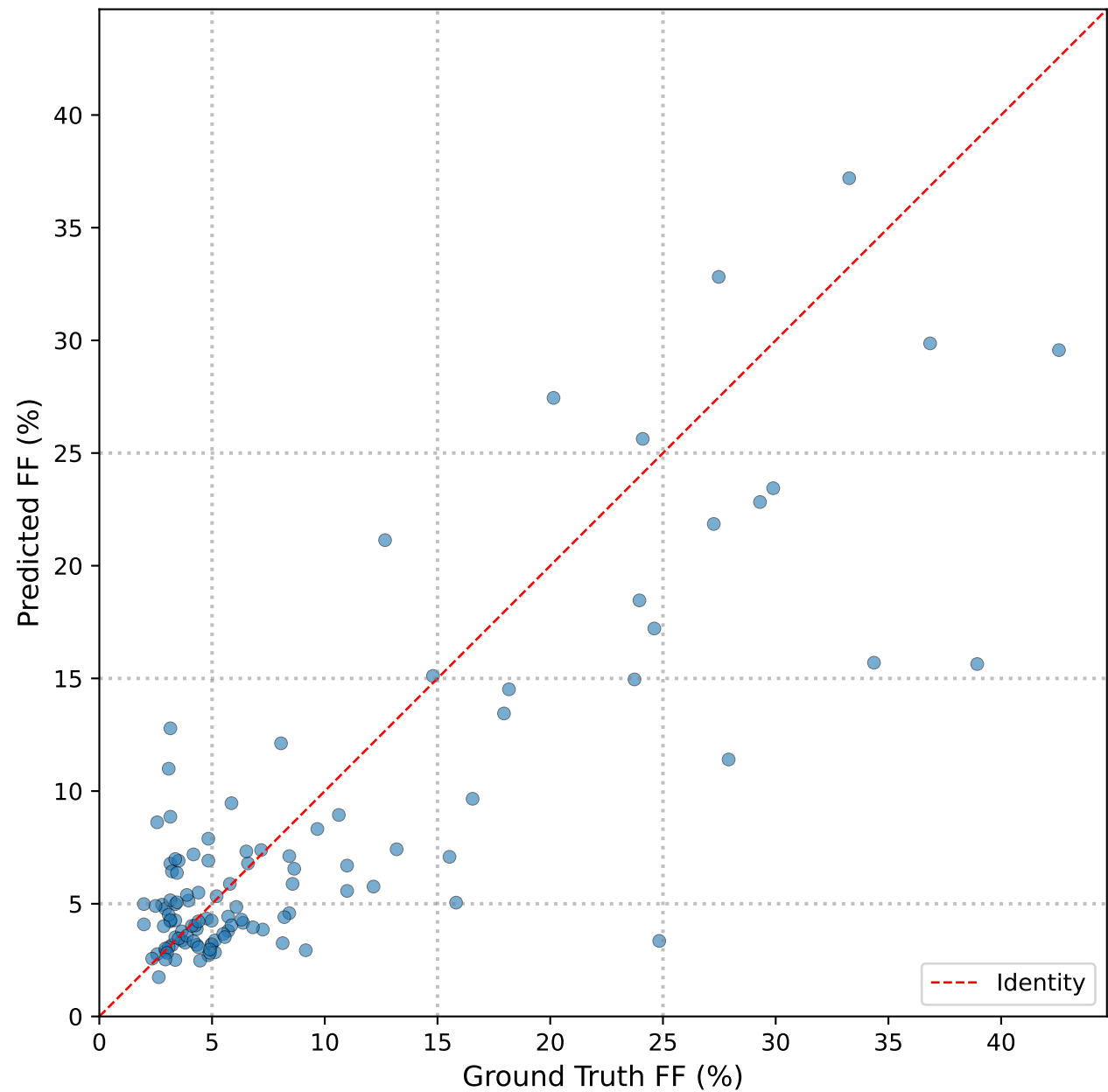
Patient ID	GT FF%	Pred FF%	Ground Truth	Predicted	Off-by
0000322494	27.91	11.40	Severe (>25%)	Mild (5-15%)	2
9172655501	24.84	3.35	Moderate (15-25%)	Healthy (0-5%)	2
9149357101	4.18	7.19	Healthy (0-5%)	Mild (5-15%)	1
9188752901	8.42	4.58	Mild (5-15%)	Healthy (0-5%)	1
9159113501	16.56	9.66	Moderate (15-25%)	Mild (5-15%)	1
9178896301	4.40	5.50	Healthy (0-5%)	Mild (5-15%)	1
9176936101	5.13	2.84	Mild (5-15%)	Healthy (0-5%)	1
9163424902	5.71	3.80	Mild (5-15%)	Healthy (0-5%)	1
9176982801	23.74	14.95	Moderate (15-25%)	Mild (5-15%)	1
9163998901	6.37	4.15	Mild (5-15%)	Healthy (0-5%)	1
9165056801	3.15	6.78	Healthy (0-5%)	Mild (5-15%)	1
0000807291	7.25	3.85	Mild (5-15%)	Healthy (0-5%)	1
9149561702	18.17	14.52	Moderate (15-25%)	Mild (5-15%)	1
9176798701	29.30	22.83	Severe (>25%)	Moderate (15-25%)	1
9186845701	6.81	3.96	Mild (5-15%)	Healthy (0-5%)	1
9165595401	29.89	23.44	Severe (>25%)	Moderate (15-25%)	1
9167712201	17.95	13.45	Moderate (15-25%)	Mild (5-15%)	1
9146422901	5.13	3.38	Mild (5-15%)	Healthy (0-5%)	1
9171502101	3.96	5.14	Healthy (0-5%)	Mild (5-15%)	1
9150700001	20.15	27.45	Moderate (15-25%)	Severe (>25%)	1
9154307701	8.21	4.41	Mild (5-15%)	Healthy (0-5%)	1
9154812401	8.13	3.25	Mild (5-15%)	Healthy (0-5%)	1
9155037401	12.67	21.14	Mild (5-15%)	Moderate (15-25%)	1
9179162001	3.15	12.79	Healthy (0-5%)	Mild (5-15%)	1
9172794101	24.10	25.63	Moderate (15-25%)	Severe (>25%)	1
9180519901	5.71	4.43	Mild (5-15%)	Healthy (0-5%)	1
9162557902	4.84	7.89	Healthy (0-5%)	Mild (5-15%)	1
9181938701	34.36	15.70	Severe (>25%)	Moderate (15-25%)	1
9179078701	3.52	6.91	Healthy (0-5%)	Mild (5-15%)	1
9168240101	3.22	6.43	Healthy (0-5%)	Mild (5-15%)	1
9152842601	15.53	7.08	Moderate (15-25%)	Mild (5-15%)	1
9149855001	3.37	6.99	Healthy (0-5%)	Mild (5-15%)	1
9176337201	27.25	21.85	Severe (>25%)	Moderate (15-25%)	1
0000470234	15.82	5.05	Moderate (15-25%)	Mild (5-15%)	1
9175532401	5.86	4.05	Mild (5-15%)	Healthy (0-5%)	1

Patient ID	GT FF%	Pred FF%	Ground Truth	Predicted	Off-by
9160992501	6.08	4.86	Mild (5-15%)	Healthy (0-5%)	1
9160625301	5.49	3.66	Mild (5-15%)	Healthy (0-5%)	1
9163130001	3.15	5.15	Healthy (0-5%)	Mild (5-15%)	1
9164358601	2.56	8.61	Healthy (0-5%)	Mild (5-15%)	1
9176992301	5.57	3.52	Mild (5-15%)	Healthy (0-5%)	1
9161101201	6.30	4.29	Mild (5-15%)	Healthy (0-5%)	1
9168679501	4.84	6.91	Healthy (0-5%)	Mild (5-15%)	1
9172900201	3.15	8.86	Healthy (0-5%)	Mild (5-15%)	1
0000759325	9.16	2.94	Mild (5-15%)	Healthy (0-5%)	1
9145643301	38.94	15.64	Severe (>25%)	Moderate (15-25%)	1
9181438501	3.08	10.99	Healthy (0-5%)	Mild (5-15%)	1
0000895710	3.88	5.39	Healthy (0-5%)	Mild (5-15%)	1
9157103201	3.44	5.06	Healthy (0-5%)	Mild (5-15%)	1
9170309401	3.44	6.37	Healthy (0-5%)	Mild (5-15%)	1
9154212001	14.80	15.11	Mild (5-15%)	Moderate (15-25%)	1