

Disease	Receiver operating characteristics (ROC) AUC [#]			Precision-recall (PR) AUC [#]			
	STL	Pan-disease MTL ROC		STL	Pan-disease MTL PR		Prevalence (Baseline)
		ROC AUC	Relative increase*		PR AUC	Relative increase*	
Allergy or anaphylactic reaction to food	54.35%	55.52%	26.80%	0.61%	0.64%	44.67%	0.54%
Angina	64.08%	65.33%	8.88%	5.52%	5.60%	3.59%	3.23%
Appendicitis	51.16%	53.10%	167.60%	1.44%	1.47%	29.03%	1.32%
Arthritis (nos)	55.17%	55.64%	9.02%	1.51%	1.52%	6.25%	1.22%
Asthma	60.01%	61.15%	11.39%	16.44%	17.02%	12.37%	11.75%
Atrial fibrillation	63.69%	64.62%	6.78%	4.12%	4.42%	18.82%	2.50%
Atrial flutter	64.05%	64.69%	4.59%	3.60%	3.70%	6.62%	2.12%
Back pain	52.75%	53.44%	24.94%	1.15%	1.19%	34.87%	1.03%
Benign breast lump	53.39%	54.18%	23.45%	1.58%	1.62%	23.64%	1.41%
Bronchitis	51.87%	52.95%	57.92%	1.32%	1.33%	9.67%	1.21%
Cataract	52.81%	53.43%	22.13%	2.38%	2.45%	29.45%	2.13%
Cervical spondylosis	56.00%	58.97%	49.47%	0.87%	1.02%	95.82%	0.72%
Chickenpox	53.73%	54.16%	11.41%	2.58%	2.62%	20.03%	2.33%
Gallstones	63.43%	64.95%	11.36%	2.65%	2.86%	23.82%	1.75%
Chronic sinusitis	53.23%	53.92%	21.31%	0.82%	1.07%	343.92%	0.75%
Depression	57.35%	58.46%	15.15%	7.93%	8.29%	20.87%	6.24%
Diabetes	67.26%	67.92%	3.83%	9.75%	9.99%	4.78%	4.59%
Dyspepsia / indigestion	53.67%	55.05%	37.66%	3.13%	3.34%	64.05%	2.80%
Ear/vestibular disorder	51.57%	53.16%	101.20%	1.01%	1.00%	-7.92%	0.92%
Eczema/dermatitis	54.62%	56.98%	51.32%	3.54%	3.93%	80.88%	3.07%
Emphysema/chronic bronchitis	58.26%	60.08%	22.08%	1.94%	2.03%	14.61%	1.35%
Endometriosis	54.13%	53.80%	-7.88%	1.77%	1.75%	-9.67%	1.58%
Epilepsy	49.81%	53.94%	2188.46%	0.81%	0.93%	1638.72%	0.82%
Essential hypertension	51.92%	54.37%	127.01%	1.38%	1.47%	78.20%	1.26%
Eye/eyelid problem	49.52%	50.96%	298.50%	0.79%	0.84%	711.13%	0.80%
Fracture lower leg / ankle	53.99%	54.65%	16.63%	0.56%	0.60%	89.87%	0.52%
Gastro-oesophageal reflux (gord) / gastric reflux	53.91%	55.18%	32.31%	5.57%	5.73%	22.40%	4.87%
Glaucoma	58.48%	59.31%	9.86%	1.65%	1.83%	42.36%	1.24%
Gout	61.60%	63.60%	17.21%	4.66%	5.32%	43.41%	3.16%
Hayfever/allergic rhinitis	55.02%	57.16%	42.54%	7.62%	8.13%	44.51%	6.48%
Heart attack (MI)	71.25%	72.56%	6.16%	5.06%	5.27%	7.30%	2.30%
Hiatus hernia	55.90%	57.71%	30.64%	3.06%	3.26%	36.16%	2.51%
Hypertension	62.89%	61.78%	-8.64%	37.70%	36.41%	-12.40%	27.32%
Hyperthyroidism/thyrotoxicosis	67.77%	71.55%	21.27%	1.74%	2.14%	45.39%	0.85%
Hypothyroidism/myxoedema	73.90%	74.96%	4.43%	12.99%	13.59%	7.53%	5.14%
Inguinal hernia	75.09%	76.31%	4.89%	1.49%	1.57%	9.41%	0.66%
Iron deficiency anaemia	67.23%	67.34%	0.65%	1.53%	1.61%	10.74%	0.75%
Irritable bowel syndrome	62.16%	62.38%	1.78%	3.85%	3.81%	-2.77%	2.56%
Joint pain	50.89%	51.78%	100.28%	0.61%	0.69%	468.36%	0.59%
Kidney stone/ureter stone/bladder stone	60.69%	65.07%	41.01%	1.29%	1.53%	52.22%	0.84%
Measles / morbillivirus	54.81%	53.73%	-22.39%	2.06%	1.97%	-34.87%	1.78%
Migraine	64.51%	64.65%	0.99%	5.48%	5.57%	3.91%	3.38%
Mumps / epidemic parotitis	55.02%	55.73%	14.19%	1.23%	1.33%	85.88%	1.11%
Oesophagitis/barretts oesophagus	54.94%	55.57%	12.66%	2.57%	2.60%	6.79%	2.16%
Osteoporosis	71.77%	71.94%	0.77%	3.67%	3.65%	-1.38%	1.76%
Other joint disorder	50.51%	50.55%	8.05%	0.62%	0.61%	-27.80%	0.60%
Pleural effusion	55.53%	55.92%	7.08%	0.78%	0.77%	-2.67%	0.61%
Pneumonia	52.46%	53.75%	52.23%	1.89%	1.98%	71.05%	1.76%
Psoriasis	65.93%	69.96%	25.32%	2.73%	3.60%	59.80%	1.26%
PE +/- DVT	53.52%	54.39%	24.61%	1.12%	1.04%	-33.39%	0.88%
Respiratory infection	53.23%	55.10%	58.13%	2.15%	2.21%	22.05%	1.88%
Rheumatoid arthritis	60.03%	62.85%	28.14%	1.79%	2.21%	77.95%	1.25%
Rubella / german measles	53.95%	54.71%	19.12%	0.74%	0.82%	106.25%	0.68%
Sciatica	52.14%	53.54%	65.85%	1.25%	1.33%	65.47%	1.14%
Stroke	59.06%	59.80%	8.11%	2.14%	2.27%	23.21%	1.58%
Tuberculosis (tb)	51.42%	53.69%	160.91%	0.57%	0.68%	307.11%	0.54%
Ulcerative colitis	57.43%	60.72%	44.32%	0.77%	0.77%	4.13%	0.55%
Urinary tract infection/kidney infection	58.20%	58.19%	-0.17%	0.76%	0.75%	-5.71%	0.58%
Varicose veins	58.09%	59.84%	21.72%	0.71%	0.76%	27.42%	0.52%
Whooping cough / pertussis	52.32%	51.15%	-50.68%	0.83%	0.84%	12.82%	0.79%

#Best AUC highlighted in bold

$$* \text{Relative increase} = \frac{(MTL \text{ AUC} - \text{baseline AUC}) - (STL \text{ AUC} - \text{baseline AUC})}{STL \text{ AUC} - \text{baseline AUC}} \times 100\%$$