

狀態:	New	開始日期:	2024-04-23
優先權:	Normal	完成日期:	
被分派者:	Chifu Chung	完成百分比:	0%
分類:		預估工時:	0:00 小時
版本:		耗用工時:	0:00 小時

概述

訓練集: 12月資料集隨機不重複取90%

測試集1: 8~10月資料集

測試集2: 8月資料集

測試集3: 9月資料集

測試集4: 10月資料集

測試集5: 12月資料集隨機不重複取的另外10%

測試集6: 3月IRB資料集

測試集1:	RBC(405:455)	GOT(507:354)	Na(507:353)	PLT(485:375)	Pro(632:228)	Ca(483:377)	P(428:432)
測試集2:	RBC(76:146)	GOT(97:124)	Na(123:98)	PLT(99:122)	Pro(174:47)	Ca(125:96)	P(122:99)
測試集3:	RBC(130:128)	GOT(180:78)	Na(128:130)	PLT(180:78)	Pro(182:76)	Ca(130:128)	P(128:130)
測試集4:	RBC(200:181)	GOT(229:152)	Na(256:125)	PLT(206:176)	Pro(276:105)	Ca(228:153)	P(178:203)
測試集5:	RBC(37:58)	GOT(70:25)	Na(51:44)	PLT(56:39)	Pro(50:45)	Ca(69:26)	P(47:48)
測試集6:	RBC(510:138)	GOT(595:53)	Na(618:30)	PLT(622:26)	Pro(533:115)	Ca(565:83)	P(648:0)

12月訓練		RBC	GOT	Na	PLT	Pro	Ca	P
測試集1	Accuracy	65.46%	65.81%	64.18%	52.44%	57.67%	71.27%	61.04%
	Precision	39.25%	79.24%	71.00%	73.60%	59.33%	89.64%	60.74%
	Recall	75.71%	67.96%	69.09%	55.95%	77.80%	68.73%	60.88%
	F1 Score	51.70%	73.17%	70.03%	63.57%	67.32%	77.80%	60.81%
測試集2	Accuracy	69.68%	66.96%	54.75%	29.41%	70.13%	63.34%	57.46%
	Precision	24.00%	91.75%	44.71%	62.62%	75.28%	89.60%	39.34%
	Recall	64.28%	57.79%	63.21%	34.25%	85.06%	62.22%	70.58%
	F1 Score	34.95%	70.91%	52.38%	44.28%	79.87%	73.44%	50.52%
測試集3	Accuracy	57.36%	81.46%	59.30%	57.75%	55.42%	67.05%	38.37%
	Precision	43.07%	100.00%	64.84%	72.77%	51.09%	92.30%	26.56%
	Recall	60.86%	81.46%	58.04%	68.58%	78.15%	61.53%	34.34%
	F1 Score	50.45%	89.78%	61.25%	70.61%	61.79%	73.84%	29.95%

12月訓練		RBC	GOT	Na	PLT	Pro	Ca	P
測試集4	Accuracy	60.10%	63.27%	52.49%	51.70%	49.60%	74.54%	64.04%
	Precision	38.50%	100.00%	66.40%	71.35%	50.00%	87.28%	69.66%
	Recall	72.64%	63.27%	64.15%	54.04%	71.87%	74.53%	59.90%
	F1 Score	50.32%	77.50%	65.25%	61.50%	58.97%	80.40%	64.41%
測試集5	Accuracy	100.00%	100.00%	95.78%	97.89%	96.84%	94.73%	98.94%
	Precision	100.00%	100.00%	92.15%	100.00%	100.00%	100.00%	100.00%
	Recall	100.00%	100.00%	100.00%	96.55%	94.33%	93.24%	97.91%
	F1 Score	100.00%	100.00%	95.91%	98.24%	97.08%	96.50%	98.94%
測試集6	Accuracy	27.77%	70.06%	88.73%	81.01%	37.19%	74.38%	65.27%
	Precision	9.41%	67.39%	93.04%	84.26%	29.26%	75.92%	65.27%
	Recall	88.88%	100.00%	95.04%	95.45%	83.87%	93.46%	100.00%
	F1 Score	17.02%	80.52%	94.03%	89.51%	43.39%	83.78%	78.99%

訓練集: 8~10月資料集隨機不重複取90%

測試集1: 8~10月資料集隨機不重複取的另外10%

測試集2: 8月資料集

測試集3: 9月資料集

測試集4: 10月資料集

測試集5: 12月資料集

測試集6: 3月IRB資料集

測試集1: RBC(40:46) GOT(55:31) Na(54:32) PLT(52:34) Pro(63:23) Ca(49:37) P(40:46)
測試集2: RBC(76:146) GOT(97:124) Na(123:98) PLT(99:122) Pro(174:47) Ca(125:96) P(122:99)
測試集3: RBC(130:128) GOT(180:78) Na(128:130) PLT(180:78) Pro(182:76) Ca(130:128) P(128:130)
測試集4: RBC(200:181) GOT(229:152) Na(256:125) PLT(206:176) Pro(276:105) Ca(228:153) P(178:203)
測試集5: RBC(399:550) GOT(624:325) Na(600:349) PLT(649:300) Pro(499:450) Ca(699:250) P(425:524)
測試集6: RBC(510:138) GOT(595:53) Na(618:30) PLT(622:26) Pro(533:115) Ca(565:83) P(648:0)

8~10月訓練		RBC	GOT	Na	PLT	Pro	Ca	P
測試集1	Accuracy	100.00%	96.51%	95.34%	100.00%	100.00%	100.00%	97.67%
	Precision	100.00%	98.18%	92.59%	100.00%	100.00%	100.00%	97.50%
	Recall	100.00%	96.42%	100.00%	100.00%	100.00%	100.00%	97.50%
	F1 Score	100.00%	97.29%	96.15%	100.00%	100.00%	100.00%	97.49%
測試集2	Accuracy	91.40%	74.66%	71.94%	96.83%	99.54%	90.95%	97.73%
	Precision	76.00%	85.56%	66.66%	95.95%	99.42%	98.40%	95.90%
	Recall	98.27%	66.40%	79.61%	96.93%	100.00%	87.23%	100.00%
	F1 Score	85.71%	74.77%	72.56%	96.44%	99.71%	92.48%	97.90%
測試集3	Accuracy	98.44%	100.00%	88.75%	84.49%	92.63%	94.57%	94.96%
	Precision	96.92%	100.00%	85.15%	98.88%	94.50%	98.46%	90.62%
	Recall	100.00%	100.00%	91.59%	82.40%	95.02%	91.42%	99.14%
	F1 Score	98.43%	100.00%	88.25%	89.89%	94.76%	94.81%	94.69%

12月訓練		RBC	GOT	Na	PLT	Pro	Ca	P
測試集4	Accuracy	99.47%	97.44%	96.85%	98.68%	99.73%	100.00%	100.00%
	Precision	99.50%	100.00%	95.31%	100.00%	99.63%	100.00%	100.00%
	Recall	99.50%	97.44%	100.00%	97.63%	100.00%	100.00%	100.00%
	F1 Score	99.50%	98.70%	97.59%	98.80%	99.81%	100.00%	100.00%
測試集5	Accuracy	55.00%	60.48%	62.27%	64.17%	53.21%	62.48%	67.01%
	Precision	68.67%	47.91%	70.50%	78.42%	70.54%	56.36%	56.70%
	Recall	47.56%	85.67%	70.03%	71.79%	54.23%	88.83%	65.13%
	F1 Score	56.20%	61.45%	70.26%	74.96%	61.32%	68.88%	60.62%
測試集6	Accuracy	41.20%	92.90%	77.31%	51.23%	64.19%	60.80%	65.27%
	Precision	36.86%	96.80%	76.21%	49.27%	72.42%	64.42%	65.27%
	Recall	76.11%	95.52%	100.00%	100.00%	81.95%	87.29%	100.00%
	F1 Score	49.66%	96.16%	86.50%	66.02%	76.89%	74.13%	78.99%

檔案

clipboard-202404231802-ydkrl.png	104 KB	2024-04-23	Chifu Chung
clipboard-202404231802-rdt6a.png	61.4 KB	2024-04-23	Chifu Chung
clipboard-202404231802-6frez.png	63.2 KB	2024-04-23	Chifu Chung
clipboard-202404231802-eidny.png	64.6 KB	2024-04-23	Chifu Chung
clipboard-202404231802-jsyuo.png	59.4 KB	2024-04-23	Chifu Chung
clipboard-202404231802-ythwu.png	60 KB	2024-04-23	Chifu Chung