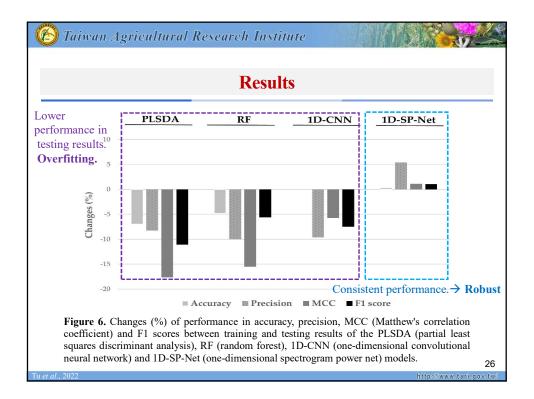
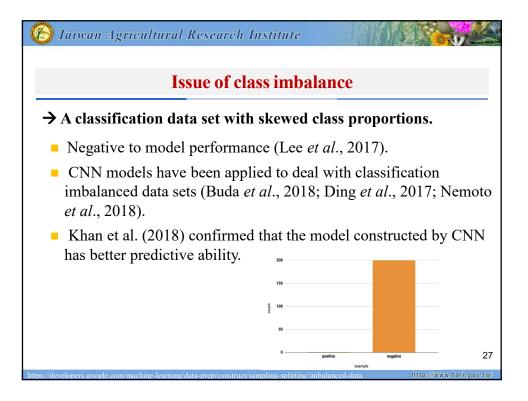


			]	Result	ts			
				1	ance for Pl CC, and F1			NN, and
Model	Training				Testing .			
Model	Accuracy (%)	Precision (%)	MCC.	F1 score	« Accuracy (%)» Precisio	Precision (%).	MCC.	F1 score.
PLSDA.	93.2.	90.4 <i>°</i>	0.85.	0.90.	86.7+	82.9 <i>°</i>	0.70.	0.80.
RF₽	81.1.4	75.6.	0.58.	0.71.	77.2.	68.4 <i>°</i>	0.49.	0.67.
1D-CNN+	90.0 <i>°</i>	88.0 0	0.79.	0.87.	90.0+	80.0 <i>o</i>	0.74.	0.80.
1D-SP-Net	96.0ª,	<b>93.1</b> .	0.91.	0.94	96.3 o	<b>98.0</b> .	<b>0.92</b> .	0.95.





		e of class iml	Dalance				
mhalanaa n	Nu	Number of major class (Normal physiological status Number of minor class (Early drought status)					
mbalance r	$atio(\mathbf{IK}) =$						
Table 2. E	Extent of the imbal	ance in the data set	s used in this st	udy.			
Dataset	Туре	Imbalance Ratio	Major class <sup>b</sup>	Minor class <sup>c</sup>			
IR1	Synthetic <sup>a</sup>	1	189	189			
IR2	Original dataset	2	246	132			
ID 10	Synthetic	10	340	38			
IR10							

