Article

Miniaturized Near-Infrared (MicroNIR) Spectrometer in Plastic Waste Sorting

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Supplementary Materials

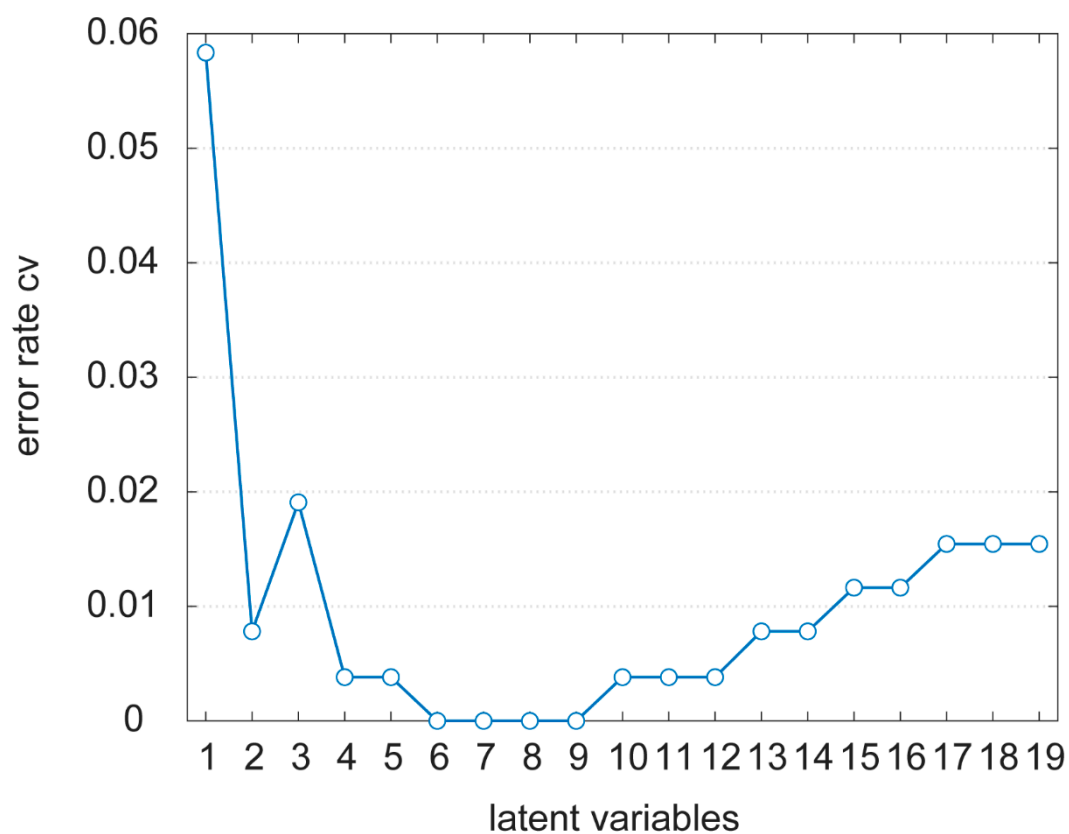**Figure S1.** Systematic organization of the collected urban plastic waste for laboratory measurements.

Figure S2. Error rate as a function of latent variables calculated in the PLS-DA model for HDPE and LDPE classification. 6 LVs is the optimal number.

Table S1. Confusion matrices obtained from PLS-DA model, both in fitting and in cross-validation (based on venetian blinds with 10 groups) restricted to PE class.

Experimental Class	Calculated Class		
	HDPE	**LDPE**	**Not Assigned**
Fitting	-	-	-
HDPE	125	0	0
LDPE	0	131	0
Cross-Validation	-	-	-
HDPE	125	0	0
LDPE	0	131	0