

Table S1. Autocorrelation coefficient and autocorrelation time results based on acoustic characteristic spectrograms

drying temperature/°C	Drying time/min	%RH	autocorrelation coefficient	Autocorrelation time/s
40°C	50	65	0.006767	1.04±0.03 ^a
		75	——	——
		85	——	——
	100	65	0.007124	1.01±0.06 ^a
		75	0.007998	1.02±0.03 ^a
		85	——	——
	150	65	0.007721	1.04±0.03 ^a
		75	0.006983	1.07±0.03 ^a
		85	——	——
	200	65	0.007533	0.97±0.06 ^a
		75	——	1.09±0.03 ^a
		85	——	——
	250	65	0.006401	0.91±0.01 ^a
		75	0.007114	1.04±0.01 ^a
		85	0.006762	1.08±0.02 ^a
60°C	300	65	0.007536	0.93±0.03 ^a
		75	0.006734	1.04±0.01 ^a
		85	0.006946	1.08±0.02 ^a
	50	65	0.007351	0.98±0.05 ^a
		75	0.007166	1.02±0.05 ^a
		85	——	——
	100	65	0.00723	0.94±0.01 ^a
		75	0.00725	1.02±0.01 ^a
		85	0.007219	1.04±0.03 ^a
	150	65	0.007599	0.94±0.01 ^a
		75	0.007381	1.03±0.05 ^a
		85	0.007347	1.04±0.06 ^a
	200	65	0.007497	0.95±0.03 ^a
		75	0.007179	0.99±0.04 ^a
		85	0.006119	1.04±0.03 ^a
80°C	250	65	0.007871	0.95±0.03 ^a
		75	0.006724	0.95±0.02 ^a
		85	0.007317	1.04±0.01 ^a
	300	65	0.007143	0.94±0.03 ^a
		75	0.006126	0.92±0.01 ^a
		85	0.006734	1.01±0.07 ^a
	100	65	0.007465	0.96±0.03 ^a
		75	0.007356	0.95±0.01 ^a
		85	0.007363	0.97±0.02 ^a
	50	65	0.007392	0.94±0.00 ^a
		75	0.007451	0.95±0.01 ^a

	150	85	0.007477	0.96±0.06 ^a
		65	0.007655	0.95±0.03 ^a
		75	0.007443	0.94±0.03 ^a
	200	85	0.007385	0.94±0.01 ^a
		65	0.007237	0.91±0.03 ^a
		75	0.007228	0.95±0.03 ^a
	250	85	0.007232	0.96±0.03 ^a
		65	0.006394	0.95±0.01 ^a
		75	0.007271	0.95±0.01 ^a
	300	85	0.006784	0.95±0.03 ^a
		65	0.007486	0.96±0.02 ^a
		75	0.007245	0.94±0.03 ^a
		85	0.007363	0.93±0.02 ^a