



Supplementary Materials: Enzyme-assisted mechanical peeling of cassava tubers

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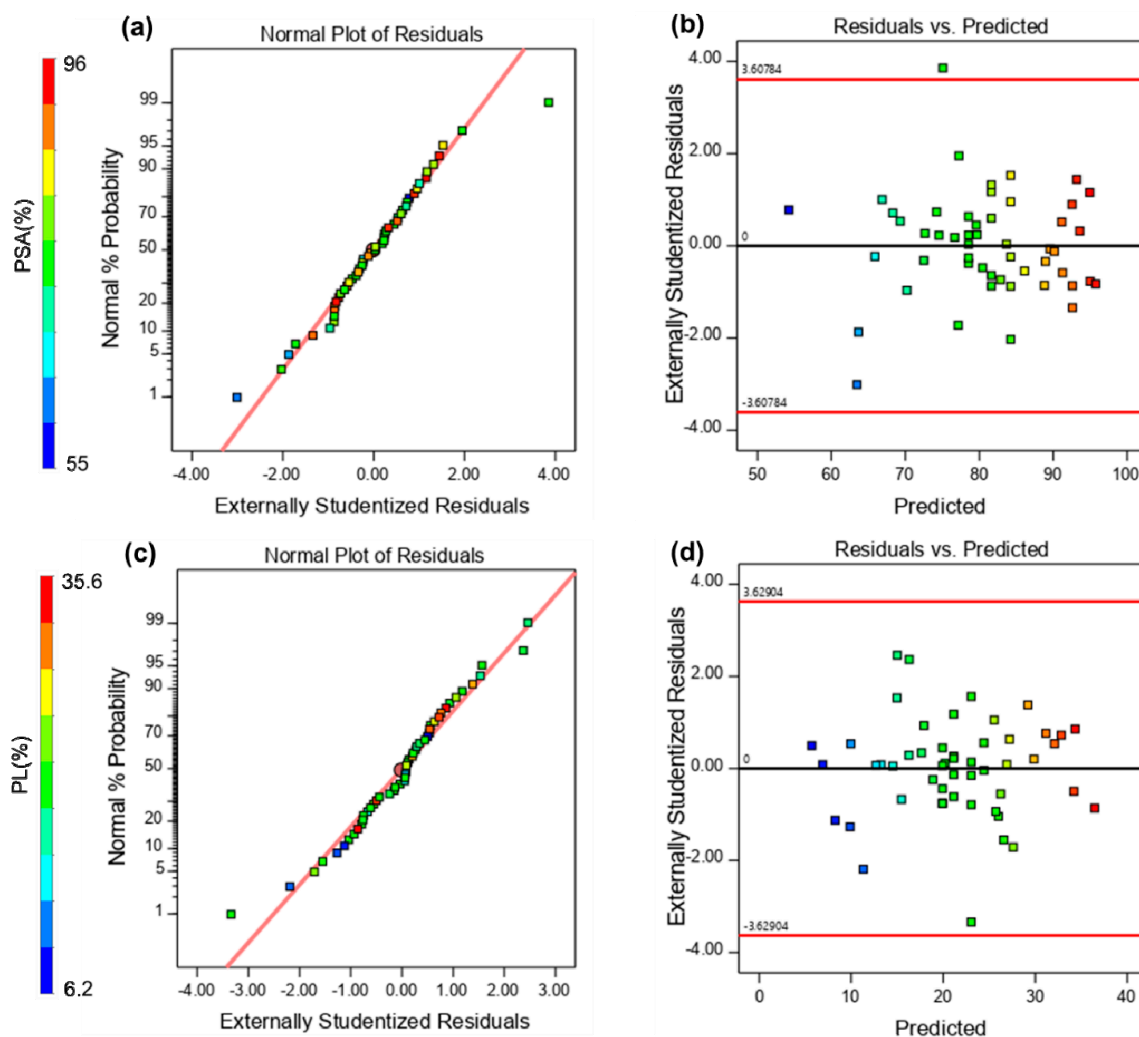


Figure S1. Normal probability plot of the residuals of peeled surface area, *PSA* and peel loss, *PL* (a&c) and plot of residuals versus predicted values of *PSA* and *PL* (b&d).

Table S1. The experimental (Exp) and predicted (Pred) values for crude fiber (CF), starch content (SC) and color parameters (L*a*b*) of cassava peel residue after enzyme treatment and mechanical peeling.

Run	CF		SC		L*		a*		b*	
	Exp	Pred	Exp	Pred	Exp	Pred	Exp	Pred	Exp	Pred
1	3.24	3.48	61.10	60.80	76.26	76.48	2.89	2.52	13.90	13.02
2	7.83	7.40	47.10	47.36	66.02	66.90	4.51	4.45	14.36	14.90
3	4.74	4.13	59.30	59.87	76.16	76.12	3.04	3.28	12.90	12.99
4	11.30	11.75	35.70	35.12	57.89	56.94	6.15	6.18	17.30	17.01
5	14.45	14.13	29.10	29.46	52.11	52.91	5.95	6.05	15.63	16.42
6	5.57	5.61	50.80	50.80	69.18	68.91	4.31	4.48	15.16	15.62
7	7.05	7.40	48.20	47.36	67.53	66.90	4.45	4.45	15.51	14.90
8	12.73	12.21	33.20	33.68	56.12	55.79	6.50	6.27	17.18	16.80
9	4.44	4.58	58.90	58.43	73.18	74.97	3.30	3.36	12.80	12.79
10	6.03	5.77	52.50	53.03	71.10	71.09	3.62	3.88	13.47	13.94
11	6.59	6.49	48.50	48.64	67.99	68.08	4.48	4.00	14.65	14.53
12	6.77	6.49	47.80	48.64	67.41	68.08	4.70	4.00	14.86	14.53
13	6.19	6.08	50.50	49.86	69.12	68.36	3.64	4.15	13.24	14.84
14	6.05	6.21	51.70	52.09	70.60	70.68	3.57	3.87	14.28	14.85
15	6.73	6.68	47.50	46.40	67.40	67.00	4.35	4.39	14.25	14.65
16	7.25	6.08	48.40	49.86	66.31	68.36	4.26	4.15	15.43	14.84
17	13.61	12.87	30.80	31.25	55.55	56.18	6.93	6.14	18.74	16.67
18	5.51	5.35	55.60	55.47	71.53	72.29	3.73	2.51	15.39	13.11
19	5.43	5.86	56.20	56.24	71.70	72.09	3.56	3.15	12.59	12.41
20	10.30	10.02	41.70	41.65	61.60	61.75	5.83	5.63	17.09	16.32
21	11.98	12.03	34.40	34.55	57.19	58.69	5.80	5.62	15.76	15.15
22	6.14	6.49	49.50	48.64	68.76	68.08	3.98	4.00	14.07	14.53
23	5.81	5.40	53.30	54.38	71.29	70.44	3.38	3.25	15.06	13.79
24	8.98	9.09	43.60	43.08	62.36	61.26	4.38	4.32	14.89	14.31
25	6.45	6.08	49.30	49.86	68.74	68.36	3.42	4.15	12.66	14.84
26	7.25	7.40	47.40	47.36	66.95	66.90	4.06	4.45	13.47	14.90
27	3.18	3.22	65.30	65.16	84.11	81.97	0.88	1.42	9.84	11.00
28	13.29	12.53	32.40	32.72	55.76	57.33	6.62	6.06	18.57	16.88
29	5.33	5.51	56.50	55.30	71.94	72.55	3.23	2.80	13.85	13.01
30	8.97	9.85	41.60	40.25	63.12	61.26	5.70	5.78	16.46	16.89
31	4.92	4.91	56.50	56.89	72.16	71.70	3.37	3.41	13.86	14.02
32	12.45	13.06	29.20	29.77	55.55	55.22	6.13	6.51	16.85	17.66
33	6.27	6.49	48.80	48.64	68.41	68.08	3.92	4.00	14.49	14.53
34	8.32	8.63	44.40	44.52	63.75	62.41	3.87	4.24	14.55	14.52
35	7.69	7.40	47.30	47.36	66.22	66.90	4.77	4.45	14.27	14.90
36	6.25	6.08	49.80	49.86	68.99	68.36	3.89	4.15	14.79	14.84
37	5.83	5.87	52.30	53.56	70.84	71.83	3.79	3.78	15.17	15.05
38	5.58	6.08	51.30	49.86	70.31	68.36	3.84	4.15	13.92	14.84
39	10.90	10.83	39.90	39.76	58.43	58.16	5.21	5.23	14.81	15.03
40	5.10	5.22	56.50	56.21	71.74	70.55	3.32	3.50	15.00	13.82
41	4.90	5.04	56.70	56.07	72.49	74.15	3.92	3.89	14.76	15.11
42	8.17	8.77	44.90	43.64	64.36	64.63	4.89	4.60	15.93	15.62
43	5.53	5.80	53.50	54.03	71.47	71.13	2.44	2.60	12.74	12.91
44	7.73	7.40	46.80	47.36	65.78	66.90	4.57	4.45	16.30	14.90
45	6.31	6.49	48.60	48.64	68.18	68.08	4.00	4.00	14.74	14.53
46	7.07	6.98	45.30	45.73	65.12	65.85	4.59	4.47	14.71	14.44
47	7.91	8.44	45.50	45.11	65.44	65.78	4.47	4.52	15.07	15.83
48	9.81	10.20	42.70	42.44	62.30	62.79	3.81	4.33	14.07	15.02
49	5.86	5.85	53.40	53.83	71.38	71.40	2.83	2.89	12.35	12.80
50	10.22	10.53	40.40	40.44	60.68	59.31	4.30	5.14	14.26	15.23
51	5.56	5.31	50.80	51.48	69.77	70.06	4.34	4.40	15.86	15.82

The MAPE of CF, SC, L value, a value and b value was 4.13 %, 1.07 %, 1.11 %, 7.41 % and 4.56 %, respectively.