SUPPLEMENTARY MATERIAL

Table 1. Some semiempirical kinetic models used to fit the experimental data of *Sarcocornia perennis* drying process.

Model	Equation
Lewis/Newton	$MR = \exp(-kt)$
Page	$MR = \exp(-kt^n)$
Modified Page	$MR = \exp[-(kt)^n]$
Henderson &Pabis	$MR = A \exp(-kt)$
Logarithmic	$MR = A \exp(-kt) + B$
Two-terms	$MR = A \exp(-k_0 t) + B \exp(-k_1 t)$
Wang & Singh	$MR = 1 + k_0 t + k_1 t^2$
Verma	$MR = A \exp(-k_0 t) + (1-A) \exp(-k_1 t)$
Vega-Lemus	$MR = (a + k t)^2$

Table 2. Model parameters and values of statistical coefficients for the drying process of *Sarcocornia perennis* at 40 ºC, 50 ºC, 60 ºC and 70 ºC and air velocity of 1.1 m/s.

Experiment	40 ºC	50 ºC	60 ºC	70 ºC
Lewis/Newton				
k (± sd)	$0.0018\pm1.8325\times10^{-5}$	$0.0044\pm6.5937\times10^{-5}$	0.0071± 0.0001	0.0107± 0.0002
R^2	0.9581	0.9647	0.9719	0.9653
MAE	0.0578009	0.05170	0.01440	0.05355
RMSE	0.0630958	0.05708	0.05114	0.05794
SSE	0.0039811	0.00326	0.00261	0.00336
SE	0.0029877	0.00438	0.00452	0.00648
χ^2	0.0039900	0.00328	0.00266	0.00344
Page				
k (± sd)	$0.0001\pm5.1054\times10^{-6}$	$0.0005\pm2.2806\times10^{-5}$	$0.0011\pm4.8826\times10^{-5}$	0.0016±0.0001
n (± sd)	1.4403±0.0077	1.3973±0.0084	1.3590±0.0085	1.4065±0.0143
R^2	0.9950	0.9970	0.9962	0.9965
MAE	0.0193101	0.0113835	0.0029663	0.0138891
RMSE	0.0196612	0.0135938	0.0119249	0.0157106
SSE	0.0003982	0.0001825	0.0001583	0.0002954
SE	0.0008996	0.0010079	0.0012110	0.0016925
χ^2	0.0003528	0.0001950	0.0001393	0.0002804
Modified Page				
k (± sd)	$0.0017\pm4.1950\times10^{-6}$	$0.0043\pm1.2083\times10^{-5}$	$0.0068\pm2.0958\times10^{-5}$	$0.0102\pm5.0151\times10^{-5}$
n (± sd)	1.4403±0.0077	1.3973±0.0084	1.3589±0.0086	1.4069±0.0146
R^2	0.9962	0.9980	0.9984	0.9973
MAE	0.0163136	0.0112135	0.0026663	0.0132803
RMSE	0.0186618	0.0131340	0.0113249	0.0147214
SSE	0.0003483	0.0001725	0.0001283	0.0002235
SE	0.0008837	0.0010073	0.0010010	0.0016512

χ^2	0.0003498	0.0001745	0.0001303	0.0002205
Henderson & Pabis				
A (± sd)	1.1215±0,0084	1.1141±0.0116	1.1154±0.0124	1.1201±0.0178
k (± sd)	$0.0020\pm2.1979x10^{-5}$	$0.0049\pm7.6251x10^{-5}$	0.0079±0.0001	0.0119±0.0003
R^2	0.9725	0.9784	0.9840	0.9789
MAE	0.0462657	0.0396308	0.0087983	0.0408456
RMSE	0.0511149	0.0446349	0.0385643	0.0452275
SSE	0.0026127	0.0019923	0.0014872	0.0020455
SE	0.0024204	0.0034233	0.0034085	0.0050562
χ^2	0.0026245	0.0020157	0.0015104	0.0020967
Logarithmic				
A (± sd)	1.3019±0.0072	1.2828±0.0104	1.1896±0.0073	1.2333±0.0112
k (± sd)	$0.0012\pm1.7989x10^{-5}$	$0.0031\pm6.7479x10^{-5}$	0.0059±0.0001	0.0082±0.0002
B (± sd)	-0.2541±0.0087	-0.2340±0.0125	-0.1252±0.0082	-0.1728±0.0133
R^2	0.9944	0.9954	0.9952	0.9960
MAE	0.0184074	0.0159114	0.0042713	0.0168613
RMSE	0.0208713	0.0182830	0.0188954	0.0196593
SSE	0.0004356	0.0003343	0.0003570	0.0003865
SE	0.0009883	0.0014022	0.0016701	0.0021978
χ^2	0.0004385	0.0003402	0.0003655	0.0004012
Two terms				
A (± sd)	0.5606±432714.9	0.5570±257828.3	0.5576±5296.7	0.5600±323904.4
k_0 (± sd)	0.0020±3.1008	0.0050±13.1757	0.0078±9.0726	0.0120±37.7305
B (± sd)	0.5606±432714.9	0.5570±257828.3	0.5575±85296.7	0.5600±323904.4
k_1 (± sd)	0.0020±3.0892	0.0049±13.0155	0.0079±9.2377	0.0119±37.2672
R^2	0.9725	0.9784	0.9840	0.9789
MAE	0.0462724	0,0396413	0,0087798	0,0408505
RMSE	0.0511151	0.0446353	0.0385714	0.0452295
SSE	0.0026128	0.0019923	0.0014878	0.0020457
SE	0.0024204	0.0034233	0.0034092	0.0050564
χ^2	0.0026363	0.0020397	0.0015350	0.0021506

Wang &Singh				
k_0 (± sd)	-0.0013±3.1058x10^{-6}	-0.0033±1.2303x10^{-5}	-0.0051±1.3675x10^{-5}	-0.0077±3,2213x10^{-5}
k_1 (± sd)	4.0725x10^{-7}±26880x10^{-9}	2.6560x10^{-6}±2.7784x10^{-8}	6.6606x10^{-6}±4,089910^{-8}	1.4986x10^{-5}±1.5309x10^{-7}
R^2	0.9949	0.9961	0.9965	0.9967
MAE	0.0201830	0.0219124	0.0337541	0.0196208
RMSE	0.0231136	0.0242146	0.0226201	0.0192613
SSE	0.0005992	0.0001796	0.0001525	0.0025268
SE	0.0009683	0.0019935	0.0014503	0.0018590
χ^2	0.0004901	0.0001967	0.0001640	0.0002900
Verma				
A (± sd)	151932±2731266	99372±93.7718	9.2749±80.7380)	8.6848±94.7940
k_0 (± sd)	00034±00018	0.0083±0.0035	0.0127±0.0051	0.0196±0.0111
k_1 (± sd)	0.0036±0.0021	0.0090±0.0043	0.0140±0.0065	0.0218±0.0144
R^2	0.9943	0.9965	0.9969	0.9960
MAE	0.0210813	0.0145668	0.0023136	0.0169520
RMSE	0.0233068	0.0164524	0.0140566	0.0187244
SSE	0.0005432	0.0002707	0.0001976	0.0003506
SE	0.0011036	0.0012618	0.0012424	0.0020933
χ^2	0.0005469	0.0002755	0.0002023	0.0003639
Veja-Lemus				
A (± sd)	-0.0007±1.4325x10^{-6}	-0.0017±5.1859x10^{-6}	-0.0026±9.1898x10^{-6}	-0.0040±1.1645x10^{-5}
k (± sd)	1.0150±0.0007	1.0125±0.0010	1.0091±0.0011	1.0137±0.0009
R^2	0.9942	0.9972	0.9975	0.9965
MAE	0.0282020	0.0152606	0.0029928	0.0146789
RMSE	0.0193737	0.0155024	0.0147808	0.0168611
SSE	0.00039076	0.00020903	0.0001671	0.000344
SE	0.0009912	0.0017288	0.0015761	0.0017552
χ^2	0.0004081	0.0001914	0.0001783	0.0002752