APENDICE D

Condiciones del equipo DV-III, usado con los sistemas R42, V42 y R55

Tipo	Aguja	Rc	Rb	L	Tmáx	Equipo
SC4	27	cm	cm	cm	673.7	DV-III
		0.9525	0.5880	3.9290		

N	ω	γ	Log γ	γ^0.5
rpm	rad/s	1/s	1/s	(1/s)^0.5
10	1.0472	3.38	0.5294	1.8396
20	2.0944	6.77	0.8305	2.6015
30	3.1416	10.15	1.0066	3.1862
40	4.1888	13.54	1.1315	3.6791
50	5.2360	16.92	1.2284	4.1134
60	6.2832	20.30	1.3076	4.5060
70	7.3304	23.69	1.3745	4.8670
80	8.3776	27.07	1.4325	5.2031
90	9.4248	30.46	1.4837	5.5187
100	10.472	33.84	1.5294	5.8172

Condiciones del equipo DV – I, usado con los sistemas V53, R60 y

V58

Tipo	Aguja	Rc	Rb	L	Tmáx	Equipo
SC4	27	cm	cm	cm	14374	DV-I
		0.9525	0.5880	3.9290		

N	ω	γ	Log γ	γ^0.5
rpm	rad/s	1/s	1/s	(1/s)^0.5
0.5	0.0524	0.17	-0.7716	0.4113
1	0.1047	0.34	-0.4706	0.5817
2.5	0.2618	0.85	-0.0726	0.9198
5	0.5236	1.69	0.2284	1.3008
10	1.0472	3.38	0.5294	1.8396
20	2.0944	6.77	0.8305	2.6015
50	5.2360	16.92	1.2284	4.1134
100	10.4720	33.84	1.5294	5.8172

Propiedades reológicas de jugo concentrado a 42 °Bx de tuna variedad Cardona a 10 °C

Tiempo 0

Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.8255	0.0149	1.0118	0.9952	0.0144 ± 0.00	1.81	0.0061
2	-1.9093	0.0123	1.1323	0.9973	nprom		
3	-1.8005	0.0158	1.0163	0.9996	1.0535 ± 0.07		
Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.9780	0.0105	1.1115	0.9980	0.0157 ± 0.01	8.19	0.0142
2	-1.6849	0.0207	0.9846	0.9982	nprom		
3	-1.8005	0.0158	1.0163	0.9996	1.0375 ± 1.04		

Semana 1

Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-2.0410	0.0091	1.1985	0.9818	0.0084 ± 0.00	34.86	0.1427
2	-1.3173	0.0482	0.9318	0.9828	nprom		
3	-2.1158	0.0077	1.2354	0.9439	1.2170 ± 0.03		
Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.7802	0.0166	1.0227	0.9929	0.0182 ± 0.00	34.00	0.1476
2	-1.2378	0.0578	0.8805	0.9871	nprom		
3	-1.7022	0.0199	0.9558	0.9683	0.9892 ± 0.99		

Semana 2

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-2.6589	0.0022	1.6569	0.9093	0.0041 ± 0.00	25.29	0.1090
2	-2.6062	0.0025	1.6058	0.8920	nprom		
3	-2.1159	0.0077	1.2102	0.9957	1.4910 ± 0.24		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.7391	0.0182	1.0094	0.9875	0.0176 ± 0.00	7.44	0.0119
2	-1.7000	0.0200	0.9694	0.9822	nprom		
3	-1.8382	0.0145	1.0253	0.9956	1.0014 ± 1.00		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.9456	0.0113	1.0315	0.9905	0.0126 ± 0.00	2.68	0.0066
2	-1.9147	0.0122	1.0855	0.9874	nprom		
3	-1.8420	0.0144	1.0124	0.9911	1.0431 ± 0.04		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-2.1100	0.0078	1.1404	0.9901	0.0093 ± 0.00	4.01	0.0142
2	-2.1802	0.0066	1.2641	0.9873	nprom		
3	-1.8707	0.0135	1.0309	0.9918	1.1451 ± 1.15		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.9387	0.0115	1.1135	0.9923	0.0118 ± 0.00	5.88	0.0203
2	-1.7876	0.0163	0.9838	0.9605	nprom		
3	-2.1259	0.0075	1.2348	0.9882	1.1107 ± 0.13		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.6447	0.0227	0.9206	0.9985	0.0180 ± 0.01	10.93	0.0344
2	-2.0923	0.0081	1.1808	0.9661	nprom		
3	-1.6316	0.0234	0.9093	0.9896	1.0036 ± 1.00		

Propiedades reológicas de jugo concentrado a 42 °Bx de tuna variedad Cardona a 25 °C

Tiempo 0

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-2.0108	0.0098	1.0304	0.9938	0.0101 ± 0.00	0.00	0.0000
2	-1.9774	0.0105	0.9934	0.9909	**nprom**		
3	-1.9896	0.0102	1.0088	0.9992	1.0119 ± 0.03		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.9290	0.0118	0.9770	0.9950	0.0094 ± 0.00	2.96	0.0087
2	-2.1573	0.0070	1.1106	0.9942	**nprom**		
3	-2.1803	0.0066	1.1348	0.9984	1.0438 ± 1.04		

Semana 1

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.8099	0.0155	0.9082	0.9797	0.0080 ± 0.01	17.32	0.0688
2	-2.3399	0.0046	1.3330	0.9579	**nprom**		
3	-2.3914	0.0041	1.3583	0.9746	1.1998 ± 0.25		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.9775	0.0105	1.0144	0.9830	0.0135 ± 0.00	4.56	0.0104
2	-1.8909	0.0129	1.0249	0.9870	**nprom**		
3	-1.7694	0.0170	0.9376	0.9988	0.9923 ± 0.99		

Semana 2

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-2.6259	0.0024	1.4222	0.9338	0.0022 ± 0.00	19.67	0.0264
2	-2.6961	0.0020	1.4587	0.9600	**nprom**		
3	-2.6445	0.0023	1.4202	0.9436	1.4337 ± 0.02		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.9540	0.0111	0.9590	0.9857	0.0102 ± 0.00	8.26	0.0087
2	-2.0519	0.0089	1.0148	0.9932	**nprom**		
3	-1.9695	0.0107	0.9571	0.9873	0.9770 ± 0.98		

Semana 3

	Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.7787	0.0166	0.8464	0.9733	0.0170 ± 0.00	5.18	0.0100
2	-1.7072	0.0196	0.7598	0.9712	nprom		
3	-1.8294	0.0148	0.8635	0.9882	0.8232 ± 0.04		
	Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-2.1212	0.0076	1.0625	0.9834	0.0070 ± 0.00	4.74	0.0111
2	-2.4068	0.0039	1.2062	0.9869	nprom		
3	-2.0197	0.0096	0.9831	0.9937	1.0839 ± 1.08		

Semana 4

	Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-2.4224	0.0038	1.2944	0.9884	0.0059 ± 0.00	12.61	0.0269
2	-2.2864	0.0052	1.2107	0.9580	nprom		
3	-2.0550	0.0088	1.0421	0.9843	1.1824 ± 0.13		
	Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-2.0546	0.0088	1.0457	0.9955	0.0133 ± 0.00	32.75	0.0305
2	-1.8303	0.0148	0.9046	0.9896	nprom		
3	-1.7907	0.0162	0.8728	0.9841	0.9410 ± 0.94		

Propiedades reológicas de jugo concentrado a 55 °Bx de tuna variedad Cardona a 10 °C

Tiempo 0

	Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.4758	2.9912	0.5099	0.9963	2.3696 ± 0.88	7.49	1.2621
2	0.2425	1.7479	0.7010	0.9673	nprom		
3	0.3837	2.4194	0.5798	0.9909	0.6054 ± 0.14		
	Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.2299	1.6978	0.7171	0.9655	1.6985 ± 0.00	21.37	1.7229
2	0.2302	1.6992	0.7125	0.9642	nprom		
3	0.3837	2.4194	0.5798	0.9909	0.7148 ± 0.71		

Semana 1

			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0045	0.9896	0.8620	0.9745	0.8821 ± 0.14	16.15	1.6827
2	-0.0312	0.9307	0.8354	0.9815	nprom		
3	-0.1391	0.7259	0.9054	0.9768	0.8676 ± 0.87		
			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0045	0.9896	0.8620	0.9745	0.9284 ± 0.06	14.96	1.4751
2	-0.0312	0.9307	0.8354	0.9815	nprom		
3	-0.0631	0.8648	0.8318	0.9859	0.8431 ± 0.02		

Semana 2

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.1969	1.5737	0.5565	0.9910	1.4809 ± 0.11	6.18	0.2413
2	0.1352	1.3653	0.6229	0.9913	nprom		
3	0.1771	1.5037	0.5727	0.9796	0.5841 ± 0.03		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.1620	0.6887	0.8672	0.9761	0.6180 ± 0.13	13.49	1.7837
2	-0.1559	0.6984	0.8826	0.9771	nprom		
3	-0.3309	0.4668	1.0267	0.9590	0.9255 ± 0.93		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0422	0.9073	0.8129	0.9805	1.1167 ± 0.18	19.50	2.0924
2	0.0842	1.2140	0.8137	0.9559	nprom		
3	0.0895	1.2288	0.8145	0.9562	0.8137 ± 0.00		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0422	0.9073	0.8129	0.9805	1.3017 ± 0.35	23.15	1.8023
2	0.1556	1.4310	0.7446	0.9728	nprom		
3	0.1951	1.5669	0.7136	0.9801	0.7570 ± 0.76		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.0916	1.2347	0.8010	0.9485	1.2358 ± 0.04	23.50	1.9395
2	0.1056	1.2754	0.7749	0.9475	nprom		
3	0.0782	1.1973	0.7978	0.9556	0.7912 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.1969	1.5735	0.7004	0.9743	1.5138 ± 0.07	26.15	1.3367
2	0.1583	1.4399	0.7237	0.9652	nprom		
3	0.1841	1.5281	0.6971	0.9806	0.7071 ± 0.71		

Propiedades reológicas de jugo concentrado a 55 °Bx de tuna variedad Cardona a 25 °C

Tiempo 0

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0378	0.9166	0.7750	0.9697	1.1584 ± 0.34	0.00	0.0000
2	0.1462	1.4003	0.6538	0.9762	nprom		
3	0.0667	1.1660	0.7031	0.9752	0.7144 ± 0.09		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.0167	1.0391	0.7241	0.9789	1.1042 ± 0.09	15.33	1.2165
2	0.0679	1.1692	0.7256	0.9598	nprom		
3	0.0667	1.1660	0.7031	0.9752	0.7249 ± 0.72		

Semana 1

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.1256	0.7488	0.7726	0.9803	0.7304 ± 0.06	11.43	0.6047
2	-0.1082	0.7795	0.7503	0.9858	nprom		
3	-0.1785	0.6630	0.7400	0.9962	0.7543 ± 0.02		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.3391	0.4580	0.9821	0.9447	0.5042 ± 0.13	18.37	1.3654
2	-0.1852	0.6529	0.8231	0.9740	nprom		
3	-0.3961	0.4017	0.9487	0.9644	0.9180 ± 0.92		

Semana 2

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0484	0.8945	0.7160	0.9751	0.8895 ± 0.06	12.94	0.8493
2	-0.0829	0.8262	0.7489	0.9806	nprom		
3	-0.0234	0.9476	0.7155	0.9682	0.7268 ± 0.02		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.1543	0.7010	0.8190	0.9408	0.8079 ± 0.10	15.43	1.0640
2	-0.0829	0.8262	0.7489	0.9806	nprom		
3	-0.0475	0.8964	0.7385	0.9610	0.7688 ± 0.77		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0411	0.9096	0.7579	0.9631	0.8976 ± 0.18	19.15	1.2050
2	-0.0480	0.8954	0.7546	0.9669	nprom		
3	-0.0517	0.8877	0.7591	0.9713	0.7572 ± 0.00		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.0134	1.0313	0.7071	0.9729	1.0180 ± 0.01	21.26	0.9786
2	0.0067	1.0155	0.7039	0.9766	nprom		
3	0.0031	1.0071	0.7083	0.9805	0.7064 ± 0.71		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.0883	1.2255	0.6311	0.9885	1.1071 ± 0.04	13.92	0.8657
2	0.0303	1.0722	0.6933	0.9438	nprom		
3	0.0101	1.0235	0.7181	0.9545	0.6809 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.0883	1.2255	0.6311	0.9885	1.1323 ± 0.15	13.57	0.8559
2	-0.0181	0.9591	0.7405	0.9222	nprom		
3	0.0836	1.2123	0.6502	0.9745	0.6739 ± 0.67		

Propiedades reológicas de jugo concentrado a 60°Bx de tuna variedad Cardona a 10 °C

Tiempo 0

Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
			Ley de potencia				
1	0.0476	1.1159	0.7115	0.9966	0.9248 ± 0.17	6.49	0.4381
2	-0.0831	0.8258	0.8269	0.9945	**nprom**		
3	-0.0794	0.8328	0.8061	0.9944	0.7815 ± 0.06		
			Herschel - Bulkley				
1	-0.1570	0.6966	0.8997	0.9851	0.7406 ± 0.08	11.25	0.8815
2	-0.1597	0.6923	0.9005	0.9867	**nprom**		
3	-0.0794	0.8328	0.8061	0.9944	0.8688 ± 0.87		

Semana 1

Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
			Ley de potencia				
1	-0.1021	0.7906	0.8468	0.9894	0.7676 ± 0.04	10.90	0.7789
2	-0.0990	0.7962	0.8471	0.9883	**nprom**		
3	-0.1451	0.7160	0.9021	0.9825	0.8653 ± 0.03		
			Herschel - Bulkley				
1	-0.3145	0.4847	1.0572	0.9626	0.5805 ± 0.16	15.27	1.8479
2	-0.3111	0.4885	1.0574	0.9610	**nprom**		
3	-0.1146	0.7681	0.8737	0.9848	0.9961 ± 1.00		

Semana 2

Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
			Ley de potencia				
1	-0.1526	0.7037	0.8032	0.9953	0.6982 ± 0.00	5.65	0.1385
2	-0.1567	0.6971	0.8036	0.9957	**nprom**		
3	-0.1587	0.6939	0.7999	0.9961	0.8022 ± 0.00		
			Herschel - Bulkley				
1	-0.3690	0.4276	1.0133	0.9720	0.4241 ± 0.00	12.91	1.1649
2	-0.3733	0.4233	1.0136	0.9738	**nprom**		
3	-0.3755	0.4213	1.0098	0.9738	1.0122 ± 1.01		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0570	0.8769	0.8330	0.9933	0.9270 ± 0.05	9.75	1.1090
2	-0.0302	0.9328	0.8612	0.9898	nprom		
3	-0.0126	0.9713	0.8538	0.9852	0.8493 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0570	0.8769	0.8330	0.9933	0.9700 ± 0.12	10.14	1.0190
2	-0.0302	0.9328	0.8612	0.9898	nprom		
3	0.0415	1.1002	0.8024	0.9914	0.8322 ± 0.83		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0462	0.8991	0.8440	0.9919	0.9814 ± 0.16	5.95	0.6756
2	0.0670	1.1668	0.7277	0.9994	nprom		
3	-0.0563	0.8785	0.8441	0.9949	0.8053 ± 0.07		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.0462	0.8991	0.8440	0.9919	0.8841 ± 0.01	6.98	0.8549
2	-0.0581	0.8749	0.8411	0.9951	nprom		
3	-0.0563	0.8785	0.8441	0.9949	0.8431 ± 0.84		

Propiedades reológicas de jugo concentrado a 60 °Bx de tuna variedad Cardona a 25 °C

Tiempo 0

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.1739	0.6701	0.7233	0.9932	0.6881 ± 0.02	0.00	0.0000
2	-0.1484	0.7105	0.7071	0.9932	nprom		
3	-0.1651	0.6837	0.7303	0.9853	0.7202 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.3903	0.4071	0.9313	0.9555	0.5614 ± 0.14	10.71	0.7082
2	-0.2267	0.5933	0.7795	0.9813	nprom		
3	-0.1651	0.6837	0.7303	0.9853	0.8137 ± 0.81		

Semana 1

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.2023	0.6277	0.7010	0.9954	0.6228 ± 0.01	5.39	0.0760
2	-0.2023	0.6277	0.7010	0.9954	nprom		
3	-0.2126	0.6129	0.7086	0.9961	0.7035 ± 0.00		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.4213	0.3790	0.9084	0.9609	0.3755 ± 0.01	12.28	0.6531
2	-0.4213	0.3790	0.9084	0.9609	nprom		
3	-0.4334	0.3686	0.9164	0.9677	0.9111 ± 0.91		

Semana 2

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.2718	0.5348	0.6371	0.9793	0.5370 ± 0.00	10.63	0.2758
2	-0.2718	0.5348	0.6371	0.9793	nprom		
3	-0.2664	0.5415	0.6511	0.9786	0.6417 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.4999	0.3163	0.8423	0.9575	0.3177 ± 0.00	10.49	0.1796
2	-0.4999	0.3163	0.8423	0.9575	nprom		
3	-0.4941	0.3205	0.8569	0.9592	0.8471 ± 0.85		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.1745	0.6691	0.7321	0.9936	0.6556 ± 0.05	6.42	0.0989
2	-0.1742	0.6696	0.7339	0.9940	nprom		
3	-0.2020	0.6281	0.7093	0.9954	0.7251 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.3911	0.4064	0.9401	0.9588	0.3970 ± 0.02	26.33	0.7555
2	-0.3913	0.4061	0.9426	0.9594	nprom		
3	-0.4218	0.3786	0.9175	0.9632	0.9334 ± 0.93		

Semana 4

	Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.2020	0.6281	0.7093	0.9954	0.6232 ± 0.16	5.71	0.0752
2	-0.2265	0.5936	0.7069	0.9909	nprom		
3	-0.1884	0.6480	0.6950	0.9917	0.7038 ± 0.07		
	Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.2020	0.6281	0.7093	0.9954	0.4586 ± 0.15	15.36	0.4637
2	-0.4501	0.3547	0.9153	0.9684	nprom		
3	-0.4057	0.3929	0.9021	0.9510	0.8423 ± 0.84		

Propiedades reológicas de jugo concentrado a 42 °Bx de tuna variedad Villanueva a 10 °C

Tiempo 0

	Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.8756	0.1332	0.8250	0.9966	0.1198 ± 0.02	4.52	0.0678
2	-0.8902	0.1288	0.8492	0.9980	nprom		
3	-1.0112	0.0975	0.8839	0.9997	0.8527 ± 0.03		
	Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.9602	0.1096	0.8781	0.9945	0.1051 ± 0.01	4.42	0.0679
2	-0.9653	0.1083	0.8965	0.9964	nprom		
3	-1.0112	0.0975	0.8839	0.9997	0.8862 ± 0.89		

Semana 1

	Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.8013	0.1580	0.8107	0.9965	0.1715 ± 0.02	3.31	0.0630
2	-0.8065	0.1561	0.7872	0.9967	nprom		
3	-0.6983	0.2003	0.7317	0.9903	0.7765 ± 0.04		
	Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.9151	0.1216	0.8821	0.9933	0.1215 ± 0.01	4.77	0.0847
2	-0.9521	0.1117	0.8779	0.9933	nprom		
3	-0.8821	0.1312	0.8452	0.9821	0.8684 ± 0.87		

Semana 2

Ley de potencia							
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.0442	0.0903	0.8325	0.9931	0.1257 ± 0.03	2.23	0.0337
2	-0.8649	0.1365	0.7903	0.9954	**nprom**		
3	-0.8230	0.1503	0.7843	0.9968	0.8024 ± 0.03		
Herschel - Bulkley							
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.2004	0.0630	0.9300	0.9946	0.0884 ± 0.02	3.06	0.0533
2	-1.0389	0.0914	0.8982	0.9948	**nprom**		
3	-0.9561	0.1106	0.8670	0.9938	0.8984 ± 0.90		

Semana 3

Ley de potencia							
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.0452	0.0901	0.8672	0.9976	0.1129 ± 0.02	1.96	0.0332
2	-0.9034	0.1249	0.7928	0.9982	**nprom**		
3	-0.9074	0.1238	0.7966	0.9984	0.8189 ± 0.04		
Herschel - Bulkley							
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.1569	0.0697	0.9395	0.9976	0.0823 ± 0.01	3.17	0.0483
2	-1.0655	0.0860	0.8942	0.9942	**nprom**		
3	-1.0405	0.0911	0.8797	0.9956	0.9045 ± 0.90		

Semana 4

Herschel - Bulkley							
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.0913	0.0810	0.8998	0.9961	0.0883 ± 0.01	3.39	0.0479
2	-1.0050	0.0989	0.8447	0.9926	**nprom**		
3	-1.0707	0.0850	0.9064	0.9967	0.8836 ± 0.88		
Ley de potencia							
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.0148	0.0966	0.8515	0.9978	0.1078 ± 0.01	2.64	0.0359
2	-0.9468	0.1130	0.8084	0.9944	**nprom**		
3	-0.9438	0.1138	0.8267	0.9985	0.8289 ± 0.02		

Propiedades reológicas de jugo concentrado a 42 °Bx de tuna variedad Villanueva
a 25 °C

Tiempo 0

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.0121	0.0973	0.8008	0.9969	0.0892 ± 0.01	2.63	0.0340
2	-1.0907	0.0811	0.8536	0.9971	**nprom**		
3	-1.0504	0.0890	0.8265	0.9972	0.8272 ± 0.04		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.1428	0.0720	0.8826	0.9932	0.0694 ± 0.00	3.78	0.0443
2	-1.1750	0.0668	0.9069	0.9953	**nprom**		
3	-1.0504	0.0890	0.8265	0.9972	0.8948 ± 0.89		

Semana 1

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.1122	0.0772	0.8182	0.9969	0.1019 ± 0.02	4.98	0.0544
2	-0.9650	0.1084	0.7594	0.9947	**nprom**		
3	-0.9205	0.1201	0.7280	0.9955	0.7685 ± 0.05		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.2043	0.0625	0.8756	0.9958	0.0707 ± 0.01	4.63	0.0556
2	-1.1017	0.0791	0.8438	0.9908	**nprom**		
3	-1.1511	0.0706	0.8688	0.9938	0.8628 ± 0.86		

Semana 2

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.1162	0.0765	0.8091	0.9987	0.0808 ± 0.00	2.10	0.0221
2	-1.0878	0.0817	0.7992	0.9973	**nprom**		
3	-1.0743	0.0843	0.7928	0.9979	0.8004 ± 0.01		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	-1.2620	0.0547	0.9001	0.9974	0.0567 ± 0.00	3.31	0.0334
2	-1.2268	0.0593	0.8859	0.9951	**nprom**		
3	-1.2520	0.0560	0.9036	0.9957	0.8965 ± 0.90		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0874	0.0818	0.8041	0.9984	0.0692 ± 0.02	2.57	0.0368
2	-1.2321	0.0586	0.9086	0.9917	nprom		
3	-1.1725	0.0672	0.8741	0.9905	0.8623 ± 0.04		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.2756	0.0530	0.9218	0.9970	0.0600 ± 0.01	3.12	0.0385
2	-1.2148	0.0610	0.8976	0.9924	nprom		
3	-1.1806	0.0660	0.8793	0.9902	0.8996 ± 0.90		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.1162	0.0765	0.8091	0.9987	0.0808 ± 0.01	2.10	0.0221
2	-1.0878	0.0817	0.7992	0.9973	nprom		
3	-1.0743	0.0843	0.7928	0.9979	0.8004 ± 0.02		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.3195	0.0479	0.9369	0.9963	0.0544 ± 0.01	8.71	0.0547
2	-1.2268	0.0593	0.8859	0.9951	nprom		
3	-1.2520	0.0560	0.9036	0.9957	0.9088 ± 0.91		

Propiedades reológicas de jugo concentrado a 53 °Bx de tuna variedad Villanueva
a 10 °C

Tiempo 0

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.8756	0.1332	0.8250	0.9966	0.1198 ± 0.02	4.52	0.0678
2	-0.8902	0.1288	0.8492	0.9980	nprom		
3	-1.0112	0.0975	0.8839	0.9997	0.8527 ± 0.03		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.9602	0.1096	0.8781	0.9945	0.1051 ± 0.01	4.42	0.0679
2	-0.9653	0.1083	0.8965	0.9964	nprom		
3	-1.0112	0.0975	0.8839	0.9997	0.8862 ± 0.89		

Semana 1

					Ley de potencia		
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.8013	0.1580	0.8107	0.9965	0.1715 ± 0.02	3.31	0.0630
2	-0.8065	0.1561	0.7872	0.9967	nprom		
3	-0.6983	0.2003	0.7317	0.9903	0.7765 ± 0.04		
					Herschel - Bulkley		
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-0.9151	0.1216	0.8821	0.9933	0.1215 ± 0.01	4.77	0.0847
2	-0.9521	0.1117	0.8779	0.9933	nprom		
3	-0.8821	0.1312	0.8452	0.9821	0.8684 ± 0.87		

Semana 2

					Ley de potencia		
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0442	0.0903	0.8325	0.9931	0.1257 ± 0.03	2.23	0.0337
2	-0.8649	0.1365	0.7903	0.9954	nprom		
3	-0.8230	0.1503	0.7843	0.9968	0.8024 ± 0.03		
					Herschel - Bulkley		
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.2004	0.0630	0.9300	0.9946	0.0884 ± 0.02	3.06	0.0533
2	-1.0389	0.0914	0.8982	0.9948	nprom		
3	-0.9561	0.1106	0.8670	0.9938	0.8984 ± 0.90		

Semana 3

					Ley de potencia		
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0452	0.0901	0.8672	0.9976	0.1129 ± 0.02	1.96	0.0332
2	-0.9034	0.1249	0.7928	0.9982	nprom		
3	-0.9074	0.1238	0.7966	0.9984	0.8189 ± 0.04		
					Herschel - Bulkley		
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.1569	0.0697	0.9395	0.9976	0.0823 ± 0.01	3.17	0.0483
2	-1.0655	0.0860	0.8942	0.9942	nprom		
3	-1.0405	0.0911	0.8797	0.9956	0.9045 ± 0.90		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0148	0.0966	0.8515	0.9978	0.1078 ± 0.01	2.64	0.0359
2	-0.9468	0.1130	0.8084	0.9944	nprom		
3	-0.9438	0.1138	0.8267	0.9985	0.8289 ± 0.02		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0913	0.0810	0.8998	0.9961	0.0883 ± 0.01	3.39	0.0479
2	-1.0050	0.0989	0.8447	0.9926	nprom		
3	-1.0707	0.0850	0.9064	0.9967	0.8836 ± 0.88		

Propiedades reológicas de jugo concentrado a 53 °Bx de tuna variedad Villanueva

a 25 °C

Tiempo 0

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0121	0.0973	0.8008	0.9969	0.0892 ± 0.01	2.63	0.0340
2	-1.0907	0.0811	0.8536	0.9971	nprom		
3	-1.0504	0.0890	0.8265	0.9972	0.8272 ± 0.04		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.1428	0.0720	0.8826	0.9932	0.0694 ± 0.00	3.78	0.0443
2	-1.1750	0.0668	0.9069	0.9953	nprom		
3	-1.0504	0.0890	0.8265	0.9972	0.8948 ± 0.89		

Semana 1

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.1122	0.0772	0.8182	0.9969	0.1019 ± 0.02	4.98	0.0544
2	-0.9650	0.1084	0.7594	0.9947	nprom		
3	-0.9205	0.1201	0.7280	0.9955	0.7685 ± 0.05		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.2043	0.0625	0.8756	0.9958	0.0707 ± 0.01	4.63	0.0556
2	-1.1017	0.0791	0.8438	0.9908	nprom		
3	-1.1511	0.0706	0.8688	0.9938	0.8628 ± 0.86		

Semana 2

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.1162	0.0765	0.8091	0.9987	0.0808 ± 0.00	2.10	0.0221
2	-1.0878	0.0817	0.7992	0.9973	nprom		
3	-1.0743	0.0843	0.7928	0.9979	0.8004 ± 0.01		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.2620	0.0547	0.9001	0.9974	0.0567 ± 0.00	3.31	0.0334
2	-1.2268	0.0593	0.8859	0.9951	nprom		
3	-1.2520	0.0560	0.9036	0.9957	0.8965 ± 0.90		

Semana 3

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.0874	0.0818	0.8041	0.9984	0.0692 ± 0.02	2.57	0.0368
2	-1.2321	0.0586	0.9086	0.9917	nprom		
3	-1.1725	0.0672	0.8741	0.9905	0.8623 ± 0.04		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.2756	0.0530	0.9218	0.9970	0.0600 ± 0.01	3.12	0.0385
2	-1.2148	0.0610	0.8976	0.9924	nprom		
3	-1.1806	0.0660	0.8793	0.9902	0.8996 ± 0.90		

Semana 4

			Ley de potencia				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.1162	0.0765	0.8091	0.9987	0.0808 ± 0.01	2.10	0.0221
2	-1.0878	0.0817	0.7992	0.9973	nprom		
3	-1.0743	0.0843	0.7928	0.9979	0.8004 ± 0.02		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	-1.3195	0.0479	0.9369	0.9963	0.0544 ± 0.01	8.71	0.0547
2	-1.2268	0.0593	0.8859	0.9951	nprom		
3	-1.2520	0.0560	0.9036	0.9957	0.9088 ± 0.91		

Propiedades reológicas de jugo concentrado a 58 °Bx de tuna variedad Villanueva
a 10 °C

Tiempo 0

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	0.4739	2.9778	0.6140	0.9925	3.1875 ± 0.39	5.68	1.1928
2	0.5613	3.6413	0.5711	0.9876	nprom		
3	0.4688	2.9433	0.6629	0.9825	0.6160 ± 0.05		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	0.2911	1.9550	0.7812	0.9518	2.4432 ± 0.49	11.17	2.4534
2	0.3858	2.4312	0.7176	0.9711	nprom		
3	0.4688	2.9433	0.6629	0.9825	0.7206 ± 0.72		

Semana 1

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	0.4739	2.9778	0.6140	0.9925	3.1875 ± 0.39	5.68	1.1928
2	0.5613	3.6413	0.5711	0.9876	nprom		
3	0.4688	2.9433	0.6629	0.9825	0.6160 ± 0.05		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	0.2911	1.9550	0.7812	0.9518	2.3126 ± 0.32	10.02	2.4975
2	0.3858	2.4312	0.7176	0.9711	nprom		
3	0.4068	2.5515	0.7199	0.9683	0.7396 ± 0.74		

Semana 2

Ley de potencia						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	0.6356	4.3208	0.5366	0.9949	3.8925 ± 0.53	4.98	0.9713
2	0.5190	3.3037	0.6008	0.9947	nprom		
3	0.6078	4.0531	0.5453	0.9993	0.5609 ± 0.03		
Herschel - Bulkley						
Medición	**log k**	**k (Pa s^n)**	**n**	**Ajuste**	**kprom (Pa s^n)**	**PEM**	**RMSE**
1	0.4634	2.9066	0.6828	0.9687	2.6134 ± 0.25	11.46	2.4426
2	0.3890	2.4491	0.7150	0.9756	nprom		
3	0.3953	2.4846	0.7262	0.9769	0.7080 ± 0.71		

Semana 3

				Ley de potencia			
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.4884	3.0791	0.6280	0.9887	3.7832 ± 0.61	7.37	1.1343
2	0.6110	4.0832	0.5928	0.9903	nprom		
3	0.6219	4.1874	0.5497	0.9993	0.5902 ± 0.04		
				Herschel - Bulkley			
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.3931	2.4722	0.7132	0.9723	2.7391 ± 0.39	16.23	2.5654
2	0.5033	3.1865	0.6873	0.9700	nprom		
3	0.4080	2.5585	0.7334	0.9730	0.7113 ± 0.71		

Semana 4

				Ley de potencia			
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.5990	3.9715	0.5820	0.9929	3.7621 ± 0.39	6.37	1.2607
2	0.5208	3.3174	0.6625	0.9869	nprom		
3	0.6018	3.9973	0.5897	0.9967	0.6114 ± 0.04		
				Herschel - Bulkley			
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.4283	2.6807	0.7344	0.9542	2.7366 ± 0.16	15.54	2.8398
2	0.4654	2.9201	0.7124	0.9780	nprom		
3	0.4165	2.6089	0.7521	0.9749	0.7330 ± 0.73		

Propiedades reológicas de jugo concentrado a 58 °Bx de tuna variedad Villanueva

a 25 °C

Tiempo 0

				Ley de potencia			
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.3437	2.2067	0.6319	0.9729	2.3757 ± 0.31	12.69	1.2246
2	0.3391	2.1834	0.6309	0.9751	nprom		
3	0.4373	2.7370	0.5630	0.9783	0.6086 ± 0.04		
				Herschel - Bulkley			
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.2865	1.9341	0.6840	0.9573	2.1947 ± 0.47	14.97	1.5772
2	0.2817	1.9129	0.6831	0.9597	nprom		
3	0.4373	2.7370	0.5630	0.9783	0.6434 ± 0.64		

Semana 1

Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.3409	2.1921	0.6376	0.9768	2.0311 ± 0.28	14.18	1.5498
2	0.2310	1.7021	0.7305	0.9676	nprom		
3	0.3423	2.1992	0.6345	0.9743	0.6675 ± 0.05		
Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.2835	1.9207	0.6898	0.9618	1.8896 ± 0.06	15.50	1.7119
2	0.2603	1.8211	0.7034	0.9730	nprom		
3	0.2849	1.9272	0.6867	0.9591	0.6933 ± 0.69		

Semana 2

Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.3442	2.2092	0.6459	0.9786	2.1873 ± 0.32	11.30	0.9607
2	0.3973	2.4963	0.6016	0.9848	nprom		
3	0.2687	1.8565	0.6505	0.9880	0.6327 ± 0.03		
Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.2869	1.9361	0.6982	0.9641	1.8218 ± 0.21	14.83	1.4582
2	0.2910	1.9543	0.6966	0.9606	nprom		
3	0.1973	1.5751	0.7142	0.9781	0.7030 ± 0.70		

Semana 3

Ley de potencia						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.4687	2.9424	0.5109	0.9923	2.6895 ± 0.61	4.61	0.7859
2	0.4247	2.6588	0.5701	0.9880	nprom		
3	0.3922	2.4674	0.6053	0.9800	0.5621 ± 0.04		
Herschel - Bulkley						
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.1029	1.2675	0.8182	0.9783	1.8325 ± 0.50	12.30	2.1023
2	0.3082	2.0332	0.6704	0.9697	nprom		
3	0.3418	2.1968	0.6494	0.9705	0.7127 ± 0.71		

Semana 4

Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
			Ley de potencia				
1	0.2900	1.9498	0.6460	0.9762	1.9381 ± 0.39	8.76	1.3449
2	0.3296	2.1362	0.6249	0.9936	**nprom**		
3	0.2376	1.7282	0.7006	0.9821	0.6572 ± 0.04		
			Herschel - Bulkley				
Medición	log k	k (Pa s^n)	n	Ajuste	kprom (Pa s^n)	PEM	RMSE
1	0.2199	1.6592	0.7093	0.9637	1.4560 ± 0.21	22.81	2.1603
2	0.1675	1.4705	0.7693	0.9755	**nprom**		
3	0.0928	1.2384	0.8328	0.9701	0.7704 ± 0.77		