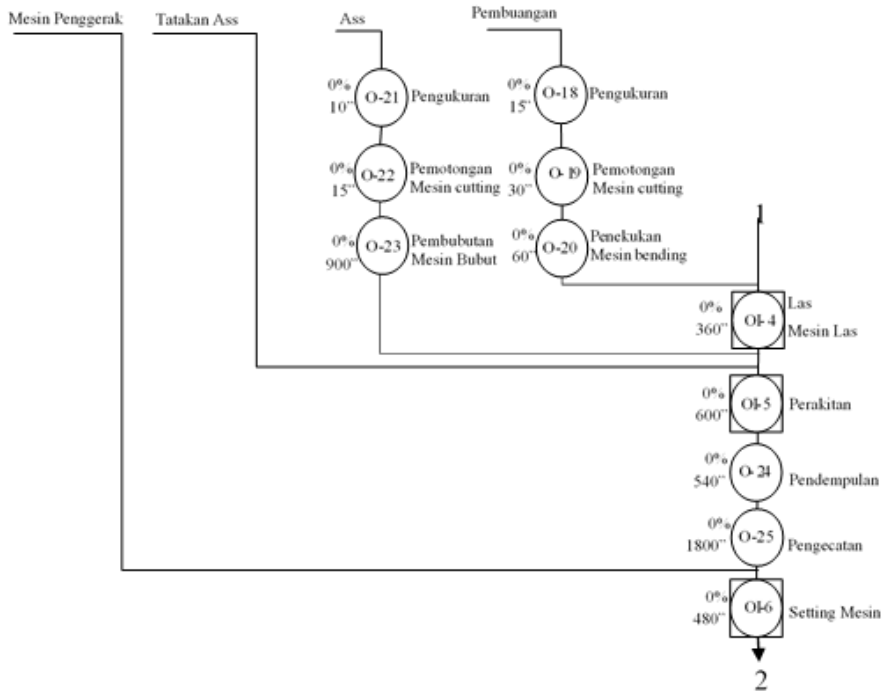
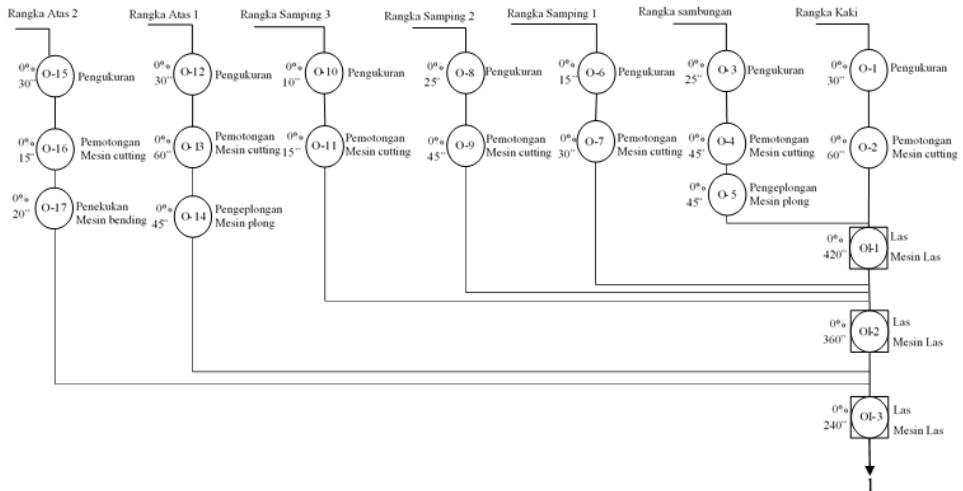
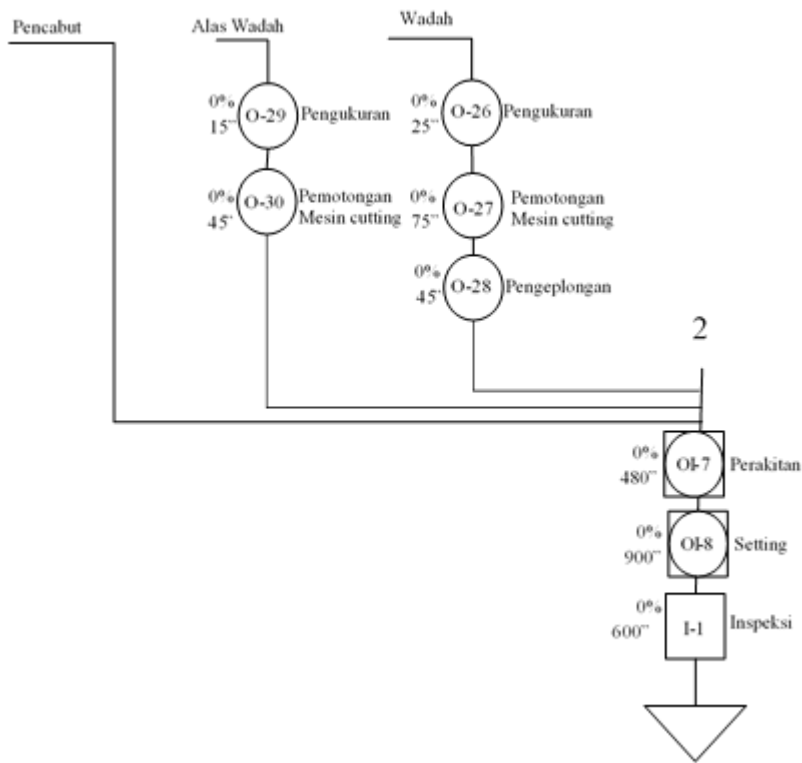


LAMPIRAN

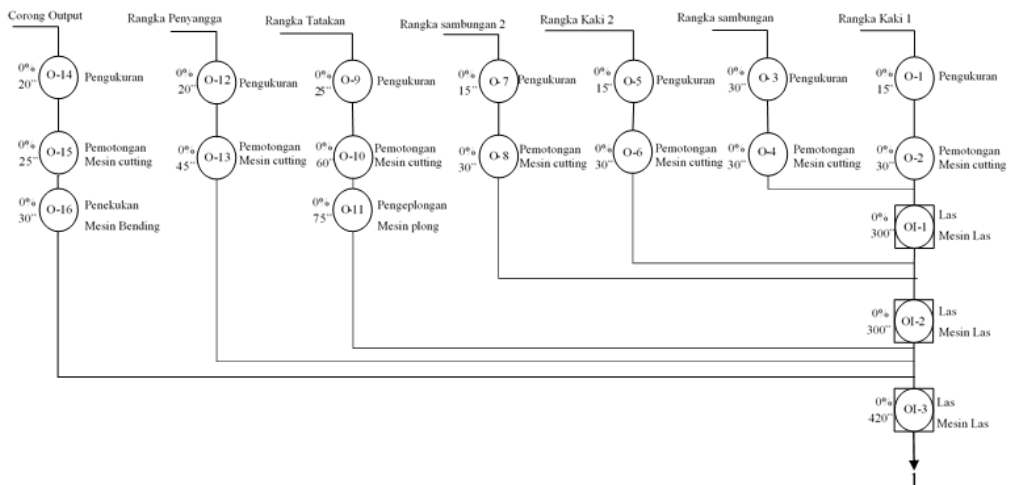
Lampiran 1

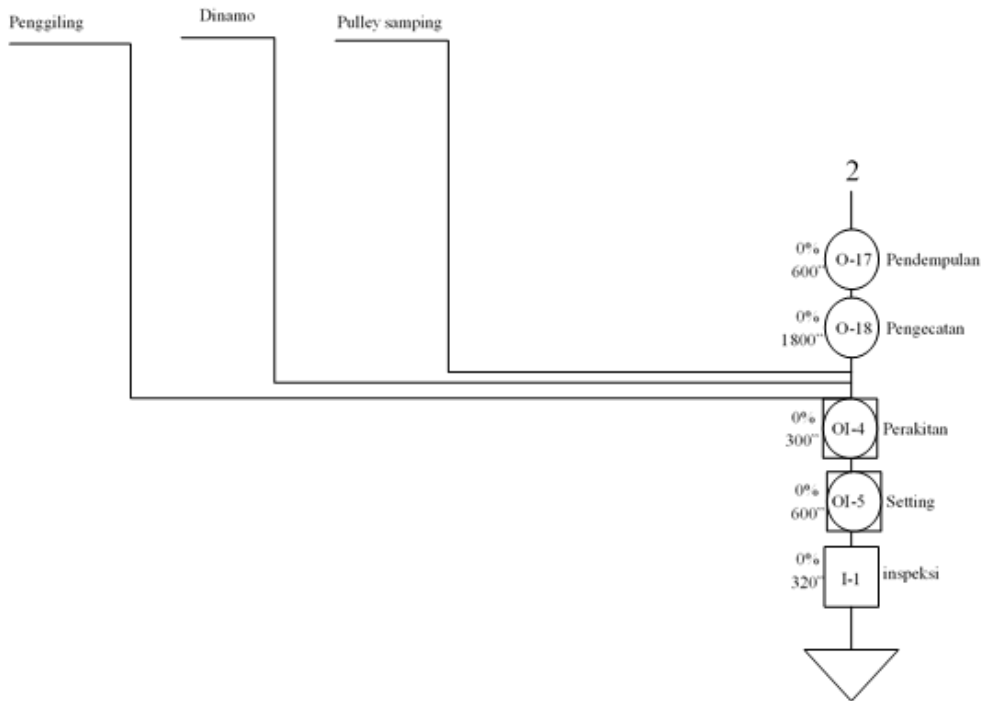
1. OPC Pencabut Bulu Ayam



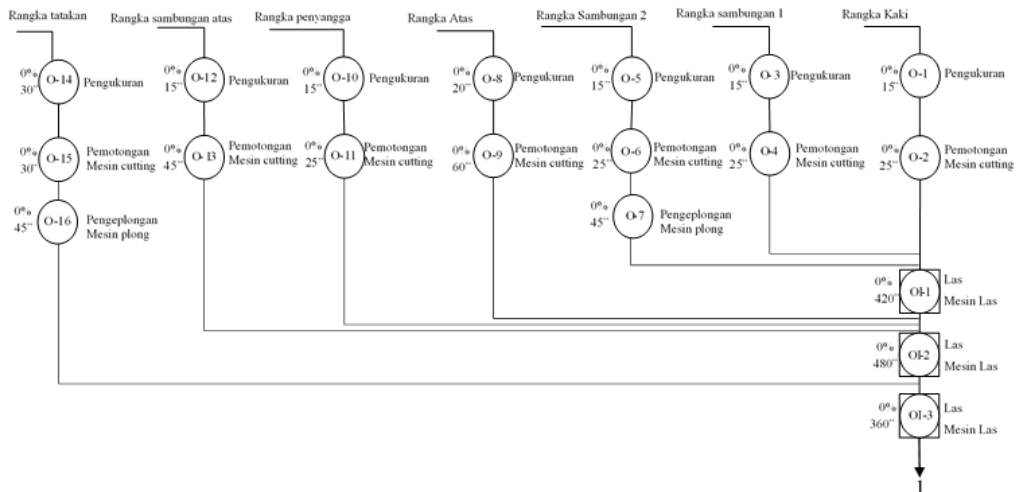


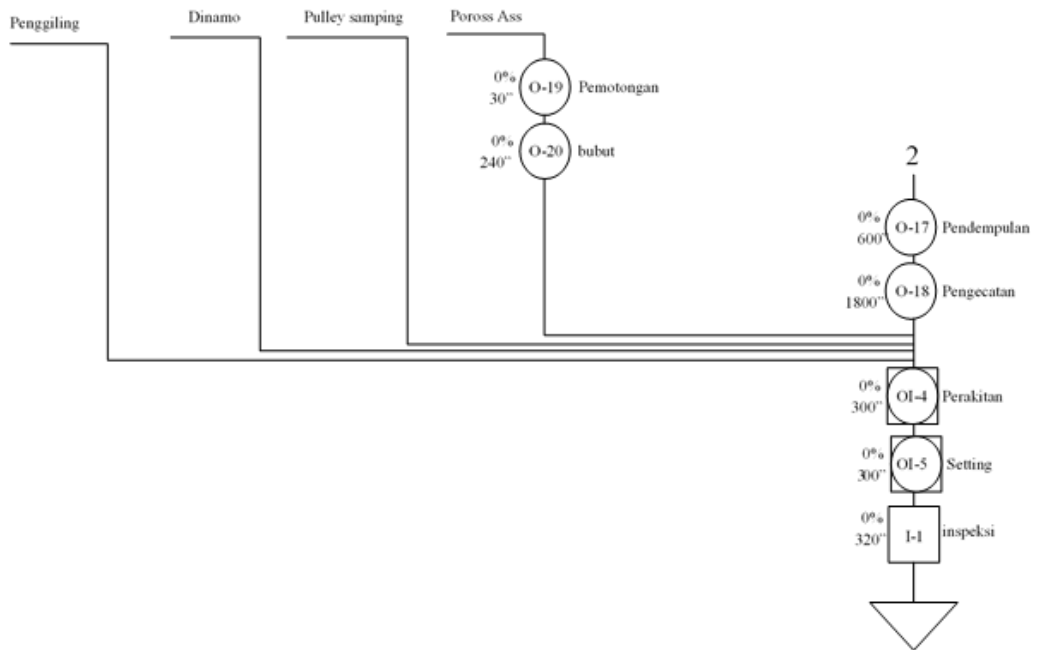
2. OPC Pamarut Kelapa





3. OPC Penggiling Daging





Lampiran 2

1. Pengukuran Kerja Mesin Perontok Padi

No	Stasiun Kerja	Operasi Kerja	Pengamatan (Menit)										Σx	Σx^2	$(\Sigma x)^2$	\bar{x}	SD	S	K	N'	Uji Kecukupan Data	BKB	BKA	Uji Keseragaman Data
			1	2	3	4	5	6	7	8	9	10												
1	1	O-1	0.50	0.48	0.53	0.55	0.52	0.53	0.49	0.51	0.60	0.45	5.16	2.68	26.63	0.516	0.046	0.089	0.911	3.22	Cukup	0.38	0.65	Seragam
2		O-2	0.70	0.72	0.65	0.75	0.67	0.69	0.66	0.68	0.68	0.66	6.86	4.71	47.06	0.686	0.030623	0.045	0.955	1.68	Cukup	0.59	0.78	Seragam
3		O-3	0.50	0.53	0.50	0.55	0.52	0.53	0.49	0.51	0.60	0.45	5.18	2.70	26.83	0.518	0.039665	0.077	0.923	4.27	Cukup	0.40	0.64	Seragam
4		O-4	0.52	0.47	0.53	0.54	0.50	0.52	0.51	0.51	0.60	0.47	5.17	2.69	26.73	0.517	0.037133	0.072	0.928	4.91	Cukup	0.41	0.63	Seragam
5		OI-1	10.00	10.07	10.11	9.91	10.03	10.03	9.98	9.98	10.02	10.03	100.16	1003.23	10032.03	10.016	0.054201	0.005	0.995	9.69	Cukup	9.85	10.18	Seragam
6		O-5	0.51	0.47	0.51	0.52	0.51	0.53	0.56	0.52	0.45	0.53	5.11	2.62	26.11	0.511	0.031073	0.061	0.939	3.71	Cukup	0.42	0.60	Seragam
7		O-6	0.62	0.68	0.70	0.69	0.75	0.68	0.68	0.70	0.67	0.68	6.85	4.70	46.92	0.685	0.032059	0.047	0.953	3.09	Cukup	0.59	0.78	Seragam
8		O-7	0.53	0.63	0.55	0.56	0.58	0.59	0.58	0.58	0.56	0.60	5.76	3.32	33.18	0.576	0.027968	0.049	0.951	1.00	Cukup	0.49	0.66	Seragam
9		O-8	0.52	0.47	0.52	0.55	0.52	0.53	0.50	0.51	0.60	0.47	5.19	2.71	26.94	0.519	0.037845	0.073	0.927	4.46	Cukup	0.41	0.63	Seragam
10		O-9	0.70	0.65	0.68	0.75	0.65	0.68	0.68	0.71	0.71	0.70	6.91	4.78	47.75	0.691	0.029981	0.043	0.957	2.27	Cukup	0.60	0.78	Seragam
11		O-10	0.50	0.47	0.53	0.52	0.51	0.52	0.51	0.47	0.51	0.55	5.09	2.60	25.91	0.509	0.024698	0.049	0.951	5.79	Cukup	0.43	0.58	Seragam
12		O-11	0.52	0.48	0.53	0.55	0.52	0.53	0.49	0.51	0.60	0.48	5.21	2.73	27.14	0.521	0.03604	0.069	0.931	4.95	Cukup	0.41	0.63	Seragam
13		O-12	0.53	0.60	0.52	0.58	0.55	0.54	0.58	0.61	0.56	0.58	5.65	3.20	31.92	0.565	0.029907	0.053	0.947	3.57	Cukup	0.48	0.65	Seragam
14	OI-2	12.05	11.95	12.02	12.00	12.02	11.99	12.00	12.00	12.02	11.93	119.98	1439.53	14395.20	11.998	0.035214	0.003	0.997	6.95	Cukup	11.89	12.10	Seragam	
15	O-13	0.52	0.48	0.53	0.54	0.50	0.52	0.51	0.51	0.60	0.47	5.18	2.69	26.83	0.518	0.035839	0.069	0.931	4.93	Cukup	0.41	0.63	Seragam	
16	2	O-14	0.31	0.30	0.28	0.32	0.32	0.30	0.33	0.31	0.33	0.29	3.09	0.96	9.55	0.309	0.016633	0.054	0.946	7.18	Cukup	0.26	0.36	Seragam
17		O-15	0.50	0.47	0.53	0.55	0.52	0.55	0.49	0.51	0.60	0.48	5.20	2.72	27.04	0.520	0.039158	0.075	0.925	4.21	Cukup	0.40	0.64	Seragam
18		O-16	0.40	0.41	0.42	0.43	0.43	0.40	0.38	0.44	0.39	0.45	4.15	1.73	17.22	0.415	0.02273	0.055	0.945	6.14	Cukup	0.35	0.48	Seragam
19		OI-3	7.48	7.42	8.38	7.48	7.52	7.52	7.50	7.49	7.53	7.52	75.84	575.88	5751.71	7.584	0.281512	0.037	0.963	8.10	Cukup	6.74	8.43	Seragam
20		O-17	0.48	0.50	0.52	0.55	0.52	0.53	0.49	0.51	0.60	0.45	5.15	2.67	26.52	0.515	0.040893	0.079	0.921	4.35	Cukup	0.39	0.64	Seragam
21		O-18	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.252	0.02201	0.087	0.913	4.16	Cukup	0.19	0.32	Seragam
22		O-19	2.05	2.00	2.02	2.01	1.99	1.97	2.02	2.03	2.01	1.95	20.05	40.21	402.00	2.005	0.029155	0.015	0.985	9.95	Cukup	1.92	2.09	Seragam
23		OI-4	3.97	4.00	4.03	4.01	4.02	4.04	4.05	3.96	3.98	3.98	40.04	160.33	1603.20	4.004	0.030984	0.008	0.992	8.77	Cukup	3.91	4.10	Seragam
24		O-20	11.99	11.97	11.95	12.00	12.05	12.01	11.98	12.02	12.07	11.96	120.00	1440.01	14400.00	12.000	0.038586	0.003	0.997	6.94	Cukup	11.88	12.12	Seragam
25		O-21	0.80	0.82	0.83	0.87	0.88	0.89	0.82	0.79	0.81	0.84	8.35	6.98	69.72	0.835	0.0344	0.041	0.959	6.14	Cukup	0.73	0.94	Seragam
26		O-22	0.30	0.32	0.33	0.34	0.37	0.35	0.37	0.36	0.34	0.31	3.39	1.15	11.49	0.339	0.024244	0.072	0.928	0.67	Cukup	0.27	0.41	Seragam
27		O-23	0.40	0.38	0.41	0.42	0.40	0.45	0.44	0.39	0.43	0.41	4.13	1.71	17.06	0.413	0.022136	0.054	0.946	3.22	Cukup	0.35	0.48	Seragam
28		O-24	0.55	0.58	0.58	0.59	0.61	0.62	0.62	0.57	0.56	0.59	5.87	3.45	34.46	0.587	0.02406	0.041	0.959	2.76	Cukup	0.51	0.66	Seragam
29	O-25	0.83	0.87	0.88	0.89	0.78	0.84	0.82	0.83	0.87	0.88	8.49	7.22	72.08	0.849	0.034785	0.041	0.959	8.91	Cukup	0.74	0.95	Seragam	
30	O-26	0.32	0.33	0.34	0.37	0.35	0.37	0.35	0.37	0.36	0.31	3.47	1.21	12.04	0.347	0.021628	0.062	0.938	5.19	Cukup	0.28	0.41	Seragam	
31	3	O-27	0.44	0.39	0.43	0.41	0.42	0.40	0.45	0.44	0.41	4.21	1.78	17.72	0.421	0.01912	0.045	0.955	8.92	Cukup	0.36	0.48	Seragam	
32		O-28	0.55	0.58	0.63	0.62	0.62	0.57	0.58	0.59	0.61	0.63	5.98	3.58	35.76	0.598	0.027809	0.047	0.953	2.03	Cukup	0.51	0.68	Seragam
33		O-29	0.80	0.83	0.87	0.88	0.82	0.83	0.83	0.87	0.88	0.89	8.50	7.23	72.25	0.850	0.031269	0.037	0.963	4.55	Cukup	0.76	0.94	Seragam
34		O-30	0.34	0.37	0.35	0.32	0.28	0.35	0.37	0.35	0.37	0.34	3.44	1.19	11.83	0.344	0.027568	0.080	0.92	3.70	Cukup	0.26	0.43	Seragam
35		O-31	0.41	0.37	0.43	0.43	0.40	0.40	0.47	0.41	0.42	0.40	4.14	1.72	17.14	0.414	0.026331	0.064	0.936	7.69	Cukup	0.34	0.49	Seragam
36		OI-5	9.97	9.98	10.05	10.05	10.07	9.95	9.94	9.92	10.08	10.00	100.01	1000.23	10002.00	10.001	0.057822	0.006	0.994	7.50	Cukup	9.83	10.17	Seragam

37	4	O-32	0.81	0.84	0.82	0.83	0.77	0.75	0.73	0.83	0.86	0.88	8.12	6.61	65.93	0.812	0.048028	0.059	0.941	2.96	Cukup	0.67	0.96	Seragam
38		O-33	0.37	0.35	0.37	0.35	0.37	0.36	0.31	0.28	0.33	0.30	3.39	1.16	11.49	0.339	0.032472	0.096	0.904	4.15	Cukup	0.24	0.44	Seragam
39		O-34	0.25	0.23	0.23	0.28	0.27	0.27	0.25	0.25	0.27	0.24	2.54	0.65	6.45	0.259	0.017764	0.070	0.93	6.33	Cukup	0.20	0.31	Seragam
40		O-35	0.57	0.58	0.59	0.61	0.58	0.58	0.61	0.62	0.59	0.56	5.89	3.47	34.69	0.589	0.01912	0.032	0.968	2.53	Cukup	0.53	0.65	Seragam
41		O-36	0.77	0.79	0.80	0.77	0.83	0.83	0.85	0.77	0.84	0.80	8.05	6.49	64.80	0.805	0.030641	0.038	0.962	9.62	Cukup	0.71	0.90	Seragam
42		O-37	0.37	0.35	0.37	0.34	0.37	0.35	0.32	0.33	0.34	0.36	3.50	1.23	12.25	0.350	0.017638	0.050	0.95	6.53	Cukup	0.30	0.40	Seragam
43		O-38	0.22	0.27	0.27	0.23	0.23	0.25	0.29	0.25	0.26	0.27	2.54	0.65	6.45	0.254	0.022211	0.087	0.913	4.10	Cukup	0.19	0.32	Seragam
44		OI-6	5.97	6.00	6.03	6.03	6.03	5.96	5.98	6.06	5.96	5.97	59.99	359.89	3598.80	5.999	0.03604	0.006	0.994	6.95	Cukup	5.89	6.11	Seragam
45		O-39	0.62	0.58	0.61	0.61	0.63	0.67	0.66	0.58	0.57	0.63	6.16	3.80	37.95	0.616	0.0334	0.054	0.946	1.81	Cukup	0.52	0.72	Seragam
46		O-40	0.37	0.39	0.42	0.44	0.40	0.45	0.41	0.42	0.44	0.43	4.17	1.74	17.39	0.417	0.024967	0.060	0.94	0.64	Cukup	0.34	0.49	Seragam
47		O-41	0.27	0.23	0.23	0.25	0.26	0.27	0.24	0.30	0.22	0.25	2.52	0.64	6.35	0.252	0.023944	0.095	0.905	3.49	Cukup	0.18	0.32	Seragam
48		O-42	0.57	0.59	0.62	0.63	0.66	0.67	0.61	0.62	0.60	0.62	6.19	3.84	38.32	0.619	0.029981	0.048	0.952	3.62	Cukup	0.53	0.71	Seragam
49		O-43	0.37	0.41	0.37	0.43	0.47	0.45	0.44	0.41	0.46	0.43	4.24	1.81	17.98	0.424	0.034383	0.081	0.919	4.07	Cukup	0.32	0.53	Seragam
50		O-44	0.25	0.26	0.27	0.24	0.25	0.27	0.27	0.23	0.28	0.30	2.62	0.69	6.86	0.262	0.02044	0.078	0.922	3.83	Cukup	0.20	0.32	Seragam
51		O-45	0.61	0.61	0.63	0.55	0.59	0.63	0.65	0.59	0.58	0.57	6.01	3.62	36.12	0.601	0.030714	0.051	0.949	7.66	Cukup	0.51	0.69	Seragam
52		O-46	0.44	0.40	0.45	0.41	0.41	0.37	0.43	0.48	0.42	0.43	4.24	1.81	17.98	0.424	0.029889	0.070	0.93	5.45	Cukup	0.33	0.51	Seragam
53		OI-7	9.95	10.00	10.02	9.95	9.98	10.04	9.96	9.99	10.01	10.05	99.95	999.01	9990.00	9.995	0.035668	0.004	0.996	5.63	Cukup	9.89	10.10	Seragam
54		O-47	0.72	0.71	0.75	0.78	0.74	0.78	0.75	0.80	0.79	0.77	7.59	5.77	57.61	0.759	0.029981	0.040	0.96	8.79	Cukup	0.67	0.85	Seragam
55		O-48	0.35	0.32	0.33	0.34	0.37	0.29	0.31	0.33	0.36	0.35	3.35	1.13	11.22	0.335	0.024152	0.072	0.928	5.50	Cukup	0.26	0.41	Seragam
56		O-49	0.33	0.35	0.37	0.33	0.31	0.32	0.33	0.36	0.35	0.31	3.36	1.13	11.29	0.336	0.020656	0.061	0.939	0.95	Cukup	0.27	0.40	Seragam
57		OI-8	4.97	4.98	5.02	5.00	5.03	5.03	5.05	4.96	4.99	4.78	49.81	248.16	2481.04	4.981	0.076369	0.015	0.985	9.03	Cukup	4.75	5.21	Seragam
58		O-50	0.67	0.70	0.69	0.66	0.63	0.62	0.72	0.68	0.66	0.69	6.72	4.52	45.16	0.672	0.03084	0.046	0.954	1.67	Cukup	0.58	0.76	Seragam
59		O-51	0.33	0.36	0.35	0.30	0.33	0.35	0.32	0.33	0.34	0.37	3.38	1.15	11.42	0.338	0.02044	0.060	0.94	7.78	Cukup	0.28	0.40	Seragam
60		O-52	0.74	0.78	0.73	0.80	0.79	0.77	0.75	0.78	0.79	0.70	7.63	5.83	58.22	0.763	0.03199	0.042	0.958	3.12	Cukup	0.67	0.86	Seragam
61		O-53	0.37	0.35	0.37	0.34	0.37	0.35	0.32	0.33	0.34	0.33	3.47	1.21	12.04	0.347	0.018288	0.053	0.947	7.10	Cukup	0.29	0.40	Seragam
62		OI-9	6.93	6.98	7.00	7.05	7.02	7.03	6.98	7.02	7.02	6.99	70.02	490.29	4902.80	7.002	0.033928	0.005	0.995	7.34	Cukup	6.90	7.10	Seragam
63		O-54	3.98	3.97	4.00	4.05	4.03	4.02	4.01	3.95	3.98	3.96	39.95	159.61	1596.00	3.995	0.032404	0.008	0.992	8.81	Cukup	3.90	4.09	Seragam
64		O-55	2.45	2.48	2.50	2.53	2.52	2.43	2.57	2.51	2.52	2.32	24.83	61.70	616.53	2.483	0.069929	0.028	0.972	8.75	Cukup	2.27	2.69	Seragam
65		O-56	1.00	0.95	0.97	0.98	1.02	1.04	1.05	0.96	1.00	0.99	9.96	9.93	99.20	0.996	0.033066	0.033	0.967	8.33	Cukup	0.90	1.10	Seragam
66		O-57	1.22	1.25	1.29	1.24	1.28	1.23	1.30	1.21	1.25	1.27	12.54	15.73	157.25	1.254	0.030258	0.024	0.976	4.97	Cukup	1.16	1.34	Seragam
67		O-58	1.03	1.01	0.97	1.03	0.99	1.03	0.95	1.03	0.97	1.00	10.01	10.03	100.20	1.001	0.029981	0.030	0.97	9.98	Cukup	0.91	1.09	Seragam
68		O-59	1.25	1.22	1.24	1.27	1.29	1.30	1.21	1.26	1.28	1.28	12.60	15.88	158.76	1.260	0.029814	0.024	0.976	3.94	Cukup	1.17	1.35	Seragam
69		O-60	1.52	1.55	1.52	1.46	1.49	1.54	1.48	1.50	1.52	1.53	15.11	22.84	228.31	1.511	0.028067	0.019	0.981	9.83	Cukup	1.43	1.60	Seragam
70		O-61	1.65	1.63	1.64	1.68	1.70	1.72	1.68	1.63	1.65	1.67	16.65	27.73	277.22	1.665	0.030277	0.018	0.982	8.02	Cukup	1.57	1.76	Seragam
71	OI-10	15.03	14.98	14.95	14.94	15.03	15.02	15.04	14.99	15.05	15.00	150.03	2250.91	22509.00	15.003	0.037727	0.003	0.997	4.44	Cukup	14.89	15.12	Seragam	
72	O-62	14.94	15.03	15.02	14.92	14.98	15.05	15.03	15.00	14.90	15.08	149.95	2248.53	22485.00	14.995	0.058926	0.004	0.996	7.51	Cukup	14.82	15.17	Seragam	
73	OI-11	9.99	9.96	9.94	9.99	9.96	9.94	10.06	10.02	9.98	9.97	99.81	996.22	9962.04	9.981	0.036953	0.004	0.996	9.03	Cukup	9.87	10.09	Seragam	
74	O-63	30.00	30.08	29.92	29.97	30.05	29.91	29.92	30.03	30.12	29.87	299.87	8992.26	89922.02	29.987	0.082469	0.003	0.997	6.45	Cukup	29.74	30.23	Seragam	
75	I-1	30.08	30.07	30.10	29.82	29.87	29.90	29.98	30.00	30.10	30.15	300.07	9004.31	90042.00	30.007	0.112057	0.004	0.996	6.87	Cukup	29.67	30.34	Seragam	

2. Pengukuran Kerja Mesin Pencabut Bulu Ayam

No	Stasiun Kerja	Operasi Kerja	Pengamatan (Menit)										$\sum x$	$\sum x^2$	$(\sum x)^2$	\bar{x}	SD	S	K	N'	Uji Kecukupan Data	BKB	BKA	Uji Keseragaman Data
			1	2	3	4	5	6	7	8	9	10												
1	1	O-1	0.52	0.47	0.52	0.55	0.52	0.53	0.50	0.51	0.60	0.47	5.19	2.71	26.94	0.52	0.038	0.073	0.927	4.46	Cukup	0.41	0.63	Seragam
2		O-2	0.44	0.39	0.43	0.41	0.42	0.40	0.45	0.44	0.41	0.42	4.21	1.78	17.72	0.42	0.019	0.045	0.955	8.92	Cukup	0.36	0.48	Seragam
3		O-3	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.088	0.912	4.07	Cukup	0.18	0.32	Seragam
4		O-4	0.70	0.80	0.72	0.74	0.75	0.77	0.78	0.72	0.71	0.75	7.44	5.54	55.35	0.74	0.032	0.043	0.957	1.95	Cukup	0.64	0.84	Seragam
5		O-5	0.72	0.75	0.78	0.71	0.78	0.68	0.79	0.73	0.75	0.77	7.46	5.58	55.65	0.75	0.036	0.048	0.952	4.68	Cukup	0.64	0.86	Seragam
6		OI-1	6.93	6.98	7.00	7.05	7.02	7.03	6.98	7.02	7.02	6.99	70.02	490.29	4902.80	7.00	0.034	0.005	0.995	3.26	Cukup	6.90	7.10	Seragam
7		O-6	0.25	0.26	0.27	0.24	0.25	0.27	0.27	0.23	0.28	0.30	2.62	0.69	6.86	0.26	0.020	0.077	0.923	3.93	Cukup	0.20	0.32	Seragam
8		O-7	0.52	0.48	0.53	0.55	0.52	0.53	0.49	0.51	0.60	0.48	5.21	2.73	27.14	0.52	0.036	0.069	0.931	4.95	Cukup	0.41	0.63	Seragam
9		O-8	0.45	0.38	0.43	0.41	0.42	0.40	0.45	0.44	0.37	0.42	4.17	1.75	17.39	0.42	0.028	0.067	0.933	5.64	Cukup	0.34	0.50	Seragam
10		O-9	0.70	0.80	0.72	0.74	0.78	0.71	0.78	0.68	0.79	0.75	7.45	5.57	55.50	0.75	0.042	0.056	0.944	4.60	Cukup	0.62	0.88	Seragam
11		O-10	0.22	0.17	0.20	0.18	0.21	0.22	0.19	0.18	0.12	0.13	1.82	0.34	3.31	0.18	0.035	0.194	0.806	2.89	Cukup	0.08	0.29	Seragam
12	O-11	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.088	0.912	4.07	Cukup	0.18	0.32	Seragam	
13	OI-2	5.92	6.00	5.97	6.07	6.03	5.98	6.02	6.09	5.93	6.02	60.03	360.39	3603.60	6.00	0.055	0.009	0.991	9.25	Cukup	5.84	6.17	Seragam	
14	2	O-12	0.50	0.48	0.53	0.55	0.52	0.53	0.49	0.51	0.60	0.45	5.16	2.68	26.63	0.52	0.041	0.079	0.921	4.09	Cukup	0.40	0.64	Seragam
15		O-13	0.97	1.02	1.03	1.00	1.07	0.98	0.95	1.05	1.01	1.02	10.10	10.21	102.01	1.01	0.037	0.037	0.963	5.80	Cukup	0.90	1.12	Seragam
16		O-14	0.70	0.80	0.72	0.74	0.78	0.71	0.78	0.68	0.79	0.75	7.45	5.57	55.50	0.75	0.042	0.056	0.944	4.60	Cukup	0.62	0.88	Seragam
17		O-15	0.52	0.48	0.53	0.54	0.50	0.52	0.51	0.51	0.60	0.47	5.18	2.69	26.83	0.52	0.036	0.069	0.931	2.19	Cukup	0.41	0.63	Seragam
18		O-16	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.088	0.912	4.07	Cukup	0.18	0.32	Seragam
19		O-17	0.30	0.33	0.32	0.40	0.30	0.35	0.37	0.38	0.34	0.33	3.42	1.18	11.70	0.34	0.033	0.097	0.903	3.63	Cukup	0.24	0.44	Seragam
20		OI-3	4.02	4.00	4.08	3.97	3.98	3.95	3.93	4.06	4.03	4.00	40.02	160.18	1601.60	4.00	0.047	0.012	0.988	7.80	Cukup	3.86	4.14	Seragam
21		O-18	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.088	0.912	4.07	Cukup	0.18	0.32	Seragam
22		O-19	0.51	0.47	0.51	0.52	0.51	0.53	0.56	0.52	0.45	0.53	5.11	2.62	26.11	0.51	0.031	0.061	0.939	3.71	Cukup	0.42	0.60	Seragam
23		O-20	0.97	1.02	1.03	1.00	1.07	0.98	0.95	1.05	1.01	1.02	10.10	10.21	102.01	1.01	0.037	0.037	0.963	5.80	Cukup	0.90	1.12	Seragam
24		OI-4	5.92	5.98	6.03	6.00	6.07	6.03	6.05	5.98	5.93	6.03	60.02	360.26	3602.40	6.00	0.050	0.008	0.992	7.81	Cukup	5.85	6.15	Seragam

25	3	O-21	0.13	0.17	0.15	0.18	0.22	0.15	0.18	0.20	0.19	0.14	1.71	0.30	2.92	0.17	0.028	0.165	0.835	4.02	Cukup	0.09	0.25	Seragam
26		O-22	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.088	0.912	4.07	Cukup	0.18	0.32	Seragam
27		O-23	15.03	15.07	15.10	14.92	14.95	15.02	15.00	14.91	14.98	15.02	150.00	2250.03	22500.00	15.00	0.061	0.004	0.996	7.50	Cukup	14.82	15.18	Seragam
28		OI-5	10.03	10.05	9.97	10.00	9.92	10.07	9.96	9.93	10.07	10.02	100.02	1000.43	10004.00	10.00	0.055	0.006	0.994	7.50	Cukup	9.84	10.17	Seragam
29	4	O-24	8.97	9.00	8.90	9.05	9.02	8.98	9.03	9.02	8.97	8.95	89.89	808.04	8080.21	8.99	0.044	0.005	0.995	8.47	Cukup	8.86	9.12	Seragam
30		O-25	30.03	30.08	30.07	30.10	29.82	29.87	29.90	29.93	30.00	30.08	299.88	8992.89	89928.01	31.00	0.101	0.003	0.997	9.90	Cukup	30.70	31.30	Seragam
31		OI-6	7.97	8.00	8.03	8.07	7.93	7.98	8.08	8.02	7.95	8.00	80.03	640.50	6404.80	8.00	0.049	0.006	0.994	7.81	Cukup	7.85	8.15	Seragam
32	5	O-26	0.38	0.37	0.42	0.33	0.47	0.40	0.45	0.48	0.39	0.43	4.12	1.72	16.97	0.41	0.047	0.115	0.885	4.10	Cukup	0.27	0.55	Seragam
33		O-27	1.25	1.28	1.17	1.20	1.22	1.30	1.32	1.27	1.23	1.22	12.46	15.54	155.25	1.25	0.047	0.038	0.962	6.02	Cukup	1.11	1.39	Seragam
34		O-28	0.72	0.75	0.80	0.78	0.73	0.77	0.82	0.70	0.72	0.75	7.54	5.70	56.85	0.75	0.038	0.051	0.949	4.06	Cukup	0.64	0.86	Seragam
35		O-29	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.088	0.912	4.07	Cukup	0.18	0.32	Seragam
36		O-30	0.72	0.75	0.80	0.78	0.73	0.77	0.82	0.70	0.72	0.75	7.54	5.70	56.85	0.75	0.038	0.051	0.949	4.06	Cukup	0.64	0.86	Seragam
37	6	OI-7	8.00	7.93	7.98	8.07	8.08	8.05	8.10	8.03	8.02	8.00	80.26	644.19	6441.67	8.03	0.051	0.006	0.994	8.93	Cukup	7.88	8.18	Seragam
38		OI-8	15.00	14.93	15.07	15.03	15.02	14.98	14.95	14.93	15.00	14.97	149.88	2246.42	22464.01	14.99	0.045	0.003	0.997	8.46	Cukup	14.86	15.13	Seragam
39		I-1	10.00	10.03	10.05	9.97	9.92	10.07	9.96	9.93	10.08	9.92	99.93	998.63	9986.00	9.99	0.062	0.006	0.994	7.51	Cukup	9.80	10.18	Seragam

3. Pengukuran Kerja Mesin Pamarut Kelapa

No	Operasi Kerja	Pengamatan (Menit)										$\sum x$	$\sum x^2$	$(\sum x)^2$	\bar{x}	SD	S	K	N	N'	Uji Kecukupan Data	BKB	BKA	Uji Keseragaman Data
		1	2	3	4	5	6	7	8	9	10													
1	O-1	0.22	0.25	0.28	0.32	0.20	0.23	0.27	0.25	0.22	0.27	2.51	0.64	6.30	0.25	0.035	0.14	0.86	10.00	3.24	Cukup	0.15	0.36	Seragam
2	O-2	0.48	0.50	0.52	0.55	0.52	0.53	0.49	0.51	0.60	0.45	5.15	2.67	26.52	0.52	0.041	0.08	0.92	10.00	4.24	Cukup	0.40	0.64	Seragam
3	O-3	0.52	0.53	0.48	0.55	0.50	0.45	0.49	0.51	0.55	0.58	5.16	2.68	26.63	0.52	0.038	0.07	0.93	10.00	5.21	Cukup	0.41	0.63	Seragam
4	O-4	0.54	0.48	0.53	0.52	0.50	0.52	0.51	0.51	0.47	0.60	5.18	2.69	26.83	0.52	0.036	0.07	0.93	10.00	2.13	Cukup	0.41	0.63	Seragam
5	OI-1	5.03	5.00	4.98	5.07	4.92	4.98	5.02	5.05	4.95	5.05	50.05	250.52	2505.00	5.01	0.048	0.01	0.99	10.00	7.19	Cukup	4.87	5.15	Seragam
6	O-5	0.25	0.22	0.23	0.17	0.18	0.30	0.22	0.28	0.25	0.27	2.37	0.58	5.62	0.24	0.042	0.18	0.82	10.00	3.96	Cukup	0.11	0.37	Seragam
7	O-6	0.45	0.60	0.53	0.55	0.52	0.53	0.49	0.51	0.48	0.50	5.16	2.68	26.63	0.52	0.041	0.08	0.92	10.00	3.99	Cukup	0.40	0.64	Seragam
8	O-7	0.23	0.22	0.28	0.26	0.27	0.27	0.22	0.25	0.27	0.25	2.52	0.64	6.35	0.25	0.022	0.09	0.91	10.00	3.89	Cukup	0.18	0.32	Seragam
9	O-8	0.53	0.50	0.48	0.46	0.58	0.57	0.52	0.48	0.49	0.53	5.14	2.66	26.42	0.51	0.039	0.08	0.92	10.00	4.26	Cukup	0.39	0.63	Seragam
10	OI-2	5.00	4.95	5.00	5.08	4.92	5.05	5.02	5.07	4.99	5.03	50.11	251.12	2511.01	5.01	0.050	0.01	0.99	10.00	3.03	Cukup	4.86	5.16	Seragam
11	O-9	0.35	0.41	0.42	0.43	0.43	0.40	0.38	0.44	0.39	0.45	4.10	1.69	16.81	0.41	0.031	0.08	0.92	10.00	3.35	Cukup	0.32	0.50	Seragam
12	O-10	0.98	1.07	0.95	0.94	1.05	1.02	1.03	0.98	1.00	1.08	10.10	10.22	102.01	1.01	0.048	0.05	0.95	10.00	2.98	Cukup	0.87	1.15	Seragam
13	O-11	1.18	1.25	1.29	1.24	1.28	1.23	1.30	1.21	1.25	1.27	12.50	15.64	156.25	1.25	0.037	0.03	0.97	10.00	9.60	Cukup	1.14	1.36	Seragam
14	O-12	0.32	0.33	0.27	0.40	0.37	0.31	0.36	0.38	0.30	0.38	3.42	1.19	11.70	0.34	0.042	0.12	0.88	10.00	4.75	Cukup	0.21	0.47	Seragam
15	O-13	0.73	0.72	0.75	0.67	0.80	0.79	0.68	0.78	0.70	0.80	7.42	5.53	55.06	0.74	0.049	0.07	0.93	10.00	3.56	Cukup	0.59	0.89	Seragam
16	O-14	0.32	0.33	0.28	0.25	0.40	0.38	0.37	0.35	0.31	0.29	3.28	1.10	10.76	0.33	0.048	0.15	0.85	10.00	3.97	Cukup	0.19	0.47	Seragam
17	O-15	0.33	0.45	0.39	0.44	0.42	0.38	0.48	0.40	0.37	0.45	4.11	1.71	16.89	0.41	0.045	0.11	0.89	10.00	4.11	Cukup	0.28	0.55	Seragam
18	O-16	0.48	0.50	0.52	0.55	0.52	0.53	0.49	0.51	0.60	0.45	5.15	2.67	26.52	0.52	0.041	0.08	0.92	10.00	4.24	Cukup	0.40	0.64	Seragam
19	OI-3	6.92	7.00	7.05	7.07	6.93	7.02	7.03	6.98	7.02	6.92	69.94	489.19	4891.60	6.99	0.055	0.01	0.99	10.00	5.52	Cukup	6.83	7.16	Seragam
20	O-17	10.03	9.97	9.94	10.07	10.06	10.00	9.95	10.02	10.05	9.92	100.01	1000.23	10002.00	10.00	0.053	0.01	0.99	10.00	2.70	Cukup	9.84	10.16	Seragam
21	O-18	30.05	30.00	30.03	29.97	30.08	29.94	29.92	30.03	29.98	2.93	272.93	8108.61	74490.78	27.29	8.560	0.31	0.69	10.00	3.69	Cukup	1.61	52.97	Seragam
22	OI-4	5.02	5.00	4.98	4.96	5.05	5.07	5.03	4.92	4.93	4.98	49.94	249.42	2494.00	4.99	0.049	0.01	0.99	10.00	7.22	Cukup	4.84	5.14	Seragam
23	OI-5	10.02	10.03	10.05	9.97	9.92	10.07	9.96	9.93	10.08	9.92	99.95	999.04	9990.00	10.00	0.062	0.01	0.99	10.00	3.60	Cukup	9.81	10.19	Seragam
24	I-1	5.33	5.32	5.27	5.35	5.41	5.31	5.33	5.00	5.02	5.05	52.39	274.68	2744.71	5.24	0.153	0.03	0.97	10.00	7.61	Cukup	4.78	5.70	Seragam

4. Pengukuran Kerja Mesin Penggiling Daging

No	Operasi Kerja	Pengamatan (Menit)										$\sum x$	$\sum x^2$	$(\sum x)^2$	\bar{x}	SD	S	K	N	N'	Uji Kecukupan Data	BKB	BKA	Uji Keseragaman Data
		1	2	3	4	5	6	7	8	9	10													
1	O-1	0.300	0.217	0.283	0.250	0.267	0.250	0.217	0.233	0.167	0.183	2.37	0.58	5.62	0.237	0.0421	0.178	0.822	10	4.05	Cukup	0.11	0.36	Seragam
2	O-2	0.400	0.430	0.433	0.350	0.408	0.438	0.392	0.450	0.403	0.383	4.09	1.68	16.73	0.409	0.0300	0.073	0.927	10	3.14	Cukup	0.32	0.50	Seragam
3	O-3	0.200	0.217	0.233	0.167	0.317	0.300	0.217	0.283	0.250	0.267	2.45	0.62	6.00	0.245	0.0471	0.192	0.808	10	3.62	Cukup	0.10	0.39	Seragam
4	O-4	0.440	0.393	0.425	0.410	0.417	0.397	0.453	0.440	0.408	0.417	4.20	1.77	17.64	0.420	0.0195	0.046	0.954	10	6.43	Cukup	0.36	0.48	Seragam
5	O-5	0.217	0.167	0.200	0.300	0.250	0.267	0.283	0.217	0.233	0.183	2.32	0.55	5.38	0.232	0.0433	0.187	0.813	10	2.55	Cukup	0.10	0.36	Seragam
6	O-6	0.383	0.453	0.440	0.408	0.433	0.440	0.393	0.425	0.410	0.417	4.20	1.77	17.64	0.420	0.0222	0.053	0.947	10	4.84	Cukup	0.35	0.49	Seragam
7	O-7	0.750	0.717	0.733	0.667	0.800	0.792	0.683	0.780	0.703	0.803	7.43	5.54	55.20	0.743	0.0499	0.067	0.933	10	3.23	Cukup	0.59	0.89	Seragam
8	OI-1	7.000	6.933	7.033	7.067	6.933	7.017	7.033	6.983	7.023	6.917	69.94	489.17	4891.60	6.994	0.0508	0.007	0.993	10	3.75	Cukup	6.84	7.15	Seragam
9	O-8	0.317	0.333	0.283	0.250	0.400	0.383	0.367	0.350	0.308	0.292	3.28	1.10	10.76	0.328	0.0473	0.144	0.856	10	4.30	Cukup	0.19	0.47	Seragam
10	O-9	0.967	1.017	1.033	1.000	1.067	0.983	0.917	1.050	1.008	1.017	10.06	10.13	101.20	1.006	0.0430	0.043	0.957	10	4.81	Cukup	0.88	1.14	Seragam
11	O-10	0.183	0.250	0.283	0.200	0.183	0.267	0.217	0.233	0.167	0.300	2.28	0.54	5.20	0.228	0.0458	0.201	0.799	10	3.81	Cukup	0.09	0.37	Seragam
12	O-11	0.333	0.450	0.392	0.440	0.417	0.380	0.477	0.400	0.367	0.450	4.11	1.70	16.89	0.411	0.0444	0.108	0.892	10	2.23	Cukup	0.28	0.54	Seragam
13	O-12	0.250	0.217	0.233	0.167	0.183	0.300	0.217	0.283	0.250	0.267	2.37	0.58	5.62	0.237	0.0421	0.178	0.822	10	4.05	Cukup	0.11	0.36	Seragam
14	O-13	0.733	0.717	0.750	0.667	0.800	0.792	0.683	0.780	0.703	0.803	7.43	5.54	55.20	0.743	0.0499	0.067	0.933	10	3.23	Cukup	0.59	0.89	Seragam
15	OI-2	8.000	7.917	7.983	7.942	8.083	8.050	8.017	8.033	7.917	8.067	80.01	640.18	6401.60	8.001	0.0603	0.008	0.992	10	4.39	Cukup	7.82	8.18	Seragam
16	O-14	0.500	0.450	0.517	0.550	0.513	0.533	0.490	0.517	0.600	0.483	5.15	2.67	26.52	0.515	0.0407	0.079	0.921	10	4.35	Cukup	0.39	0.64	Seragam
17	O-15	0.467	0.483	0.525	0.540	0.500	0.517	0.510	0.513	0.600	0.517	5.17	2.69	26.73	0.517	0.0357	0.069	0.931	10	5.34	Cukup	0.41	0.62	Seragam
18	O-16	0.700	0.750	0.733	0.800	0.767	0.717	0.783	0.683	0.820	0.725	7.48	5.61	55.95	0.748	0.0444	0.059	0.941	10	3.08	Cukup	0.61	0.88	Seragam
19	OI-3	5.900	5.967	5.933	6.000	6.067	6.050	5.975	6.023	6.083	5.950	59.95	359.41	3594.00	5.995	0.0604	0.010	0.990	10	2.50	Cukup	5.81	6.18	Seragam
20	O-17	10.067	9.967	9.917	10.017	9.967	10.033	10.083	10.067	9.950	9.992	100.06	1001.23	10012.00	10.006	0.0563	0.006	0.994	10	7.49	Cukup	9.84	10.17	Seragam
21	O-18	30.000	30.033	30.050	29.967	30.083	29.942	29.917	30.033	29.983	2.933	272.94	8109.11	74496.24	27.294	8.5598	0.314	0.686	10	3.59	Cukup	1.61	52.97	Seragam
22	O-19	0.500	0.467	0.533	0.550	0.517	0.550	0.490	0.513	0.600	0.475	5.20	2.71	27.04	0.520	0.0402	0.077	0.923	10	1.50	Cukup	0.40	0.64	Seragam
23	O-20	3.933	3.983	4.050	4.033	4.083	3.950	4.067	3.975	4.025	4.000	40.10	160.82	1608.01	4.010	0.0500	0.012	0.988	10	3.28	Cukup	3.86	4.16	Seragam
24	OI-4	4.917	5.067	5.033	4.967	4.983	4.933	5.050	5.083	4.958	5.017	50.01	250.11	2501.00	5.001	0.0575	0.011	0.989	10	2.97	Cukup	4.83	5.17	Seragam
25	OI-5	5.017	5.000	4.983	4.957	5.050	5.067	5.033	4.917	4.933	4.983	49.94	249.42	2494.00	4.994	0.0492	0.010	0.990	10	7.22	Cukup	4.85	5.14	Seragam
26	I-1	5.383	5.333	5.300	5.250	5.317	5.417	5.400	5.283	5.367	5.350	53.40	285.18	2851.56	5.340	0.0535	0.010	0.990	10	7.57	Cukup	5.18	5.50	Seragam

Lampiran 3

- Data Distrubution Fitting Mesin Perontok Padi

Proses Kerja	<i>Data Distribution Fitting</i>									
	Data Pengamatan Pengukuran Kerja Total									
Pengukuran	20.5	21.47	22.86	24.12	24.77	26.15	26.72	27.63	29.28	29.6
Pemotongan	14.5	14.46	14.79	14.99	14.99	14.79	14.66	14.71	15.05	14.48
Pengelasan 1	39.44	39.45	40.44	39.38	39.6	39.6	39.5	39.48	39.62	39.54
Pengeplongan	2.78	2.87	2.84	2.91	2.85	2.9	3.06	2.93	2.91	2.92
Pengelasan 2	12.05	11.95	12.02	12	12.02	11.99	12	12	12.02	11.93
Penekukan	2.52	2.58	2.67	2.64	2.63	2.63	2.65	2.67	2.61	2.64
Pembubutan	2.05	2	2.02	2.01	1.99	1.97	2.02	2.03	2.01	1.95
Pengelasan 3	34.83	34.96	35.15	35.04	35.13	35.02	34.98	34.89	35.02	34.78
Setting Mesin	9.99	9.96	9.94	9.99	9.96	9.94	10.06	10.02	9.98	9.97
Finishing	87.01	87.15	86.99	86.71	86.95	86.87	86.91	87.05	87.19	87.06

- Data Distrubution Fitting Mesin Perontok Padi

Proses Kerja	Data <i>Distribution Fitting</i>									
	Data Pengamatan Pengukuran Kerja Total									
Pengukuran	3.66	3.44	3.89	3.76	3.92	3.83	3.7	3.81	3.96	3.56
Pemotongan	6.5	6.65	6.75	6.72	6.81	6.8	6.81	6.64	6.73	6.67
Pengelasan 1	5.92	6	5.97	6.07	6.03	5.98	6.02	6.09	5.93	6.02
Pengeplongan	2.44	2.63	2.62	2.63	2.59	2.51	2.76	2.49	2.6	2.6
Pengelasan 2	18.95	18.91	19.06	19.09	19.08	19.03	19.01	19.11	19.07	18.99
Penekukan	0.97	1.02	1.03	1	1.07	0.98	0.95	1.05	1.01	1.02
Pembubutan	15.03	15.07	15.1	14.92	14.95	15.02	15	14.91	14.98	15.02
Pengelasan 3	15.95	16.03	16	16	15.99	16.1	16.01	15.91	16	16.05
Setting Mesin	22.97	22.93	23.1	23.1	22.95	22.96	23.03	22.95	22.95	22.97
Finishing	49	49.11	49.02	49.12	48.76	48.92	48.89	48.88	49.05	48.95

- Data Distrubution Fitting Mesin Pamarut Kelapa

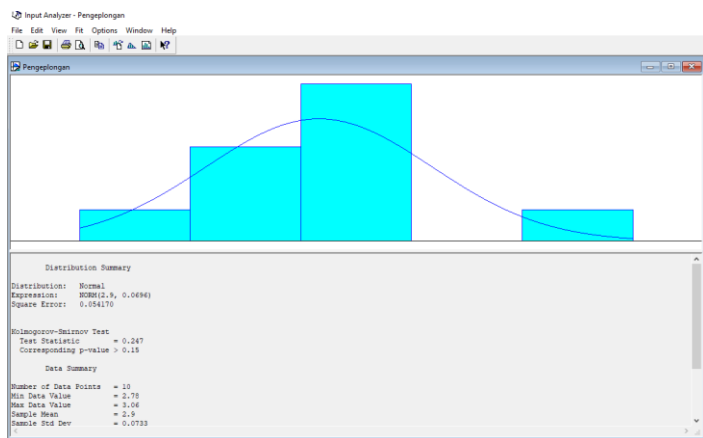
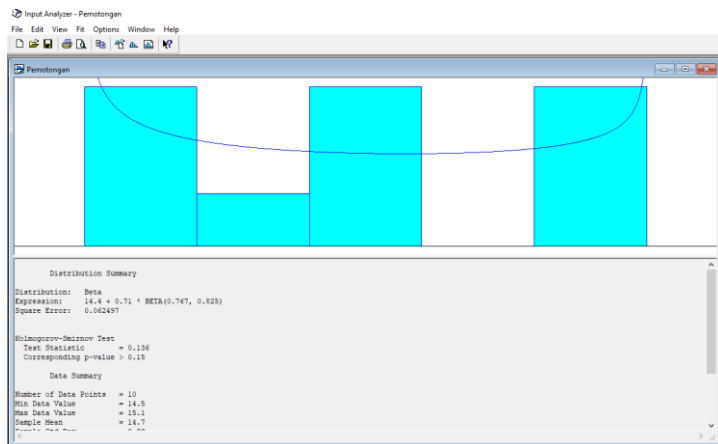
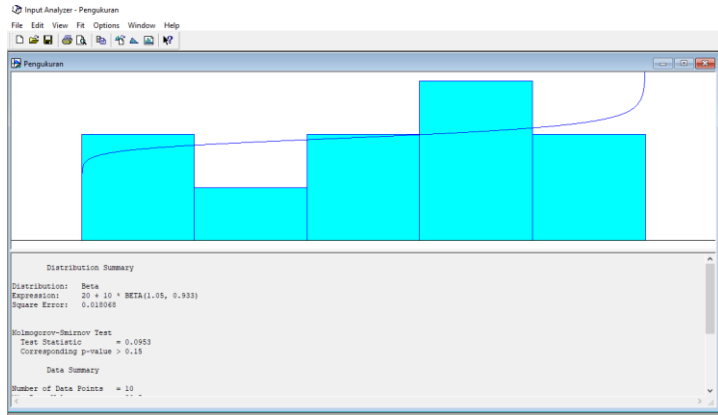
Proses Kerja	<i>Data Distribution Fitting</i>									
	Data Pengamatan Pengukuran Kerja Total									
Pengukuran	2.21	2.29	2.24	2.38	2.35	2.34	2.31	2.46	2.29	2.49
Pemotongan	4.04	4.32	4.15	4.13	4.39	4.34	4.2	4.17	4.11	4.41
Pengelasan 1	10.03	9.95	9.98	10.15	9.84	10.03	10.04	10.12	9.94	10.08
Pengeplongan	1.18	1.25	1.29	1.24	1.28	1.23	1.3	1.21	1.25	1.27
Pengelasan 2	6.92	7	7.05	7.07	6.93	7.02	7.03	6.98	7.02	6.92
Penekukan	0.48	0.5	0.52	0.55	0.52	0.53	0.49	0.51	0.6	0.45
Pengelasan 3	5.02	5	4.98	4.96	5.05	5.07	5.03	4.92	4.93	4.98
Setting Mesin	10.02	10.03	10.05	9.97	9.92	10.07	9.96	9.93	10.08	9.92
Finishing	45.41	45.29	45.24	45.39	45.55	45.25	45.2	45.05	45.05	44.9

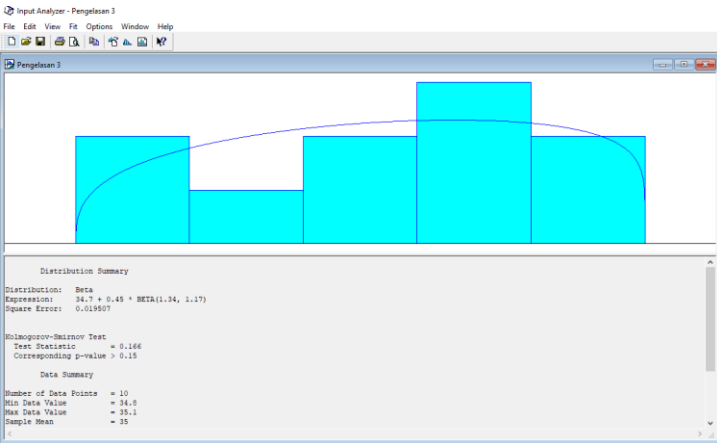
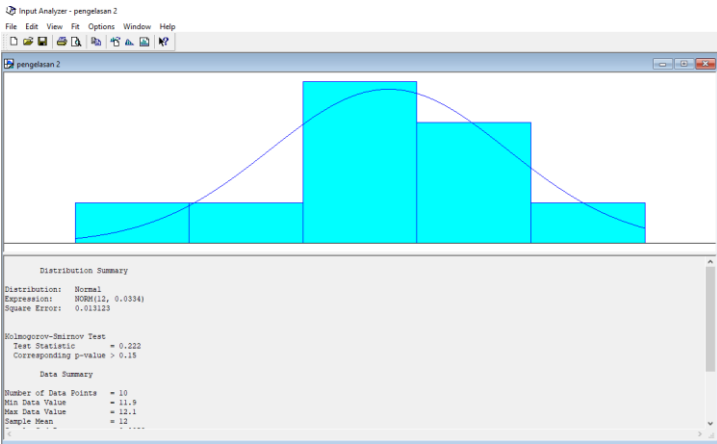
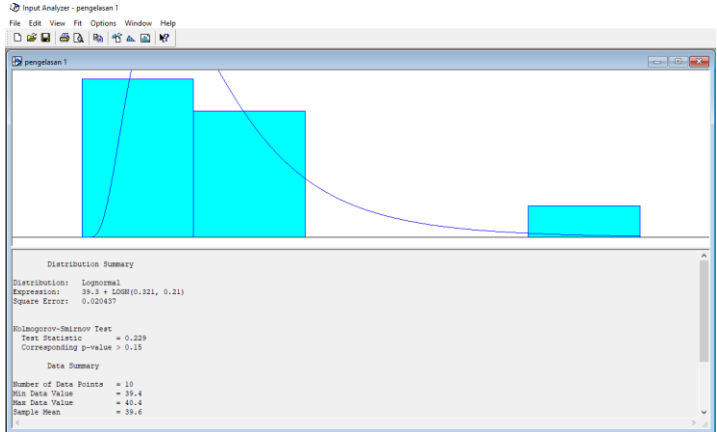
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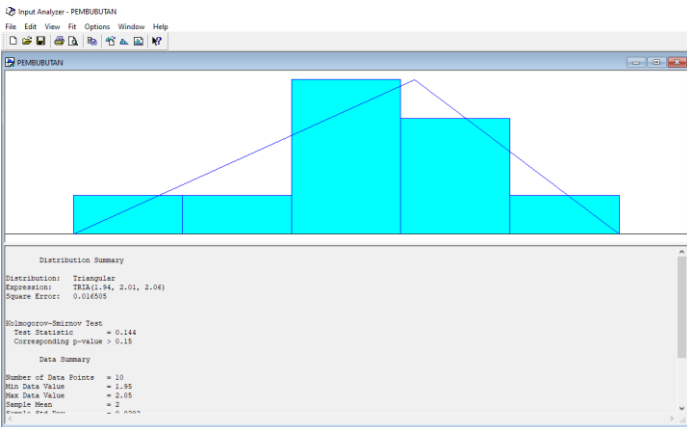
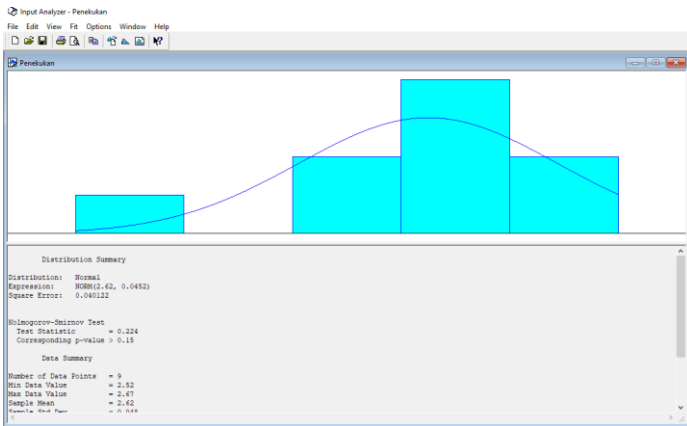
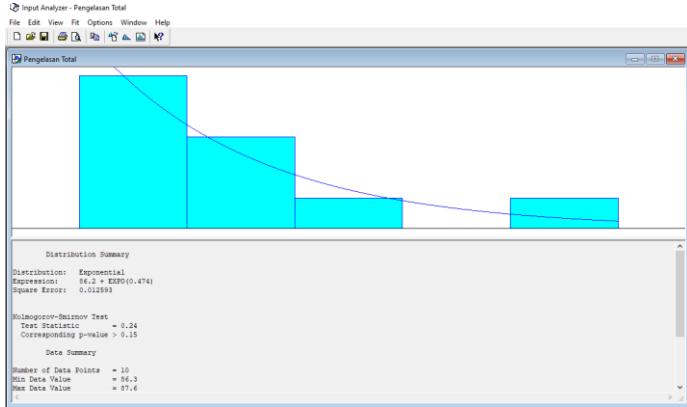
Proses Kerja	<i>Data Distribution Fitting</i>									
	Data Pengamatan Pengukuran Kerja Total									
Pengukuran	2.47	2.32	2.57	2.43	2.63	2.85	2.5	2.63	2.58	2.45
Pemotongan	3.72	3.94	4	3.82	4.04	3.95	3.83	4.06	3.9	4
Pengelasan 1	8	7.917	7.983	7.942	8.083	8.05	8.017	8.033	7.917	8.067
Pengeplongan	1.45	1.47	1.47	1.47	1.57	1.51	1.47	1.46	1.52	1.53
Pengelasan 2	12.9	12.9	12.97	13.07	13	13.07	13.01	13.01	13.11	12.87
Pembubutan	3.93	3.98	4.05	4.03	4.08	3.95	4.07	3.98	4.03	4.00
Pengelasan 3	4.92	5.07	5.03	4.97	4.98	4.93	5.05	5.08	4.96	5.02
Setting Mesin	5.02	5.00	4.98	4.96	5.05	5.07	5.03	4.92	4.93	4.98
Finishing	45.5	45.3	45.3	45.2	45.4	45.4	45.4	45.4	45.3	45.3

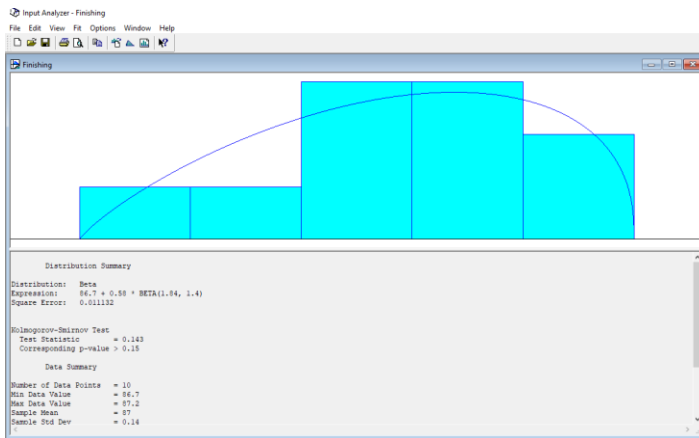
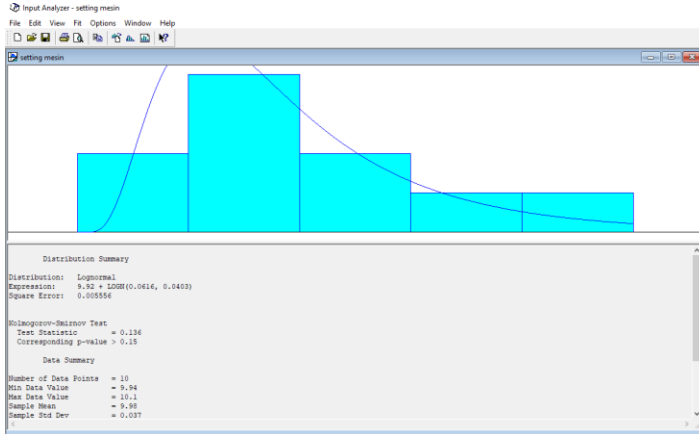
Lampiran 4

- Hasil Input Analyzer Mesin Perontok Padi

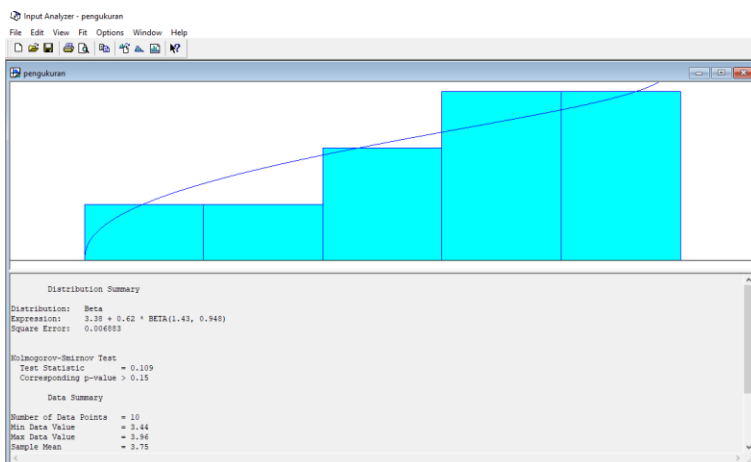


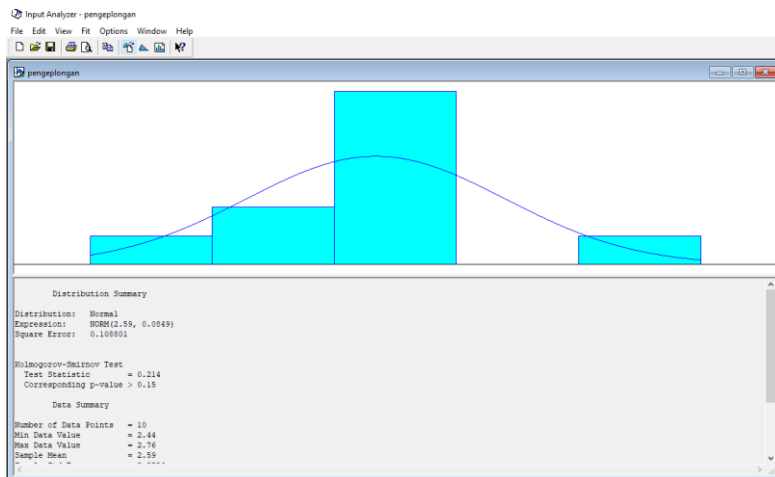
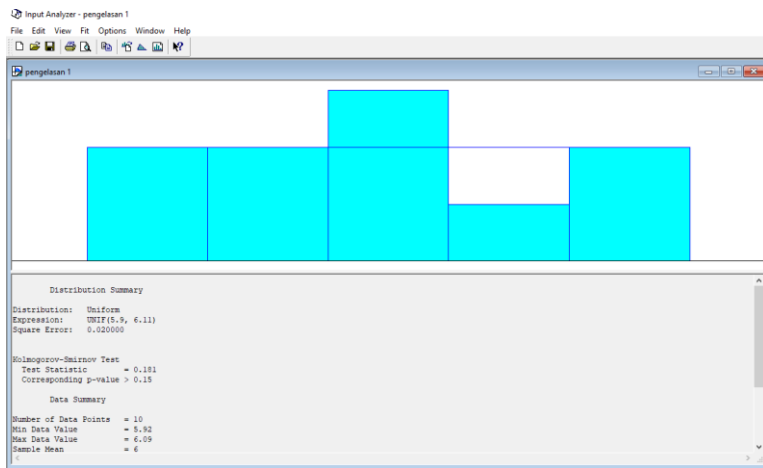
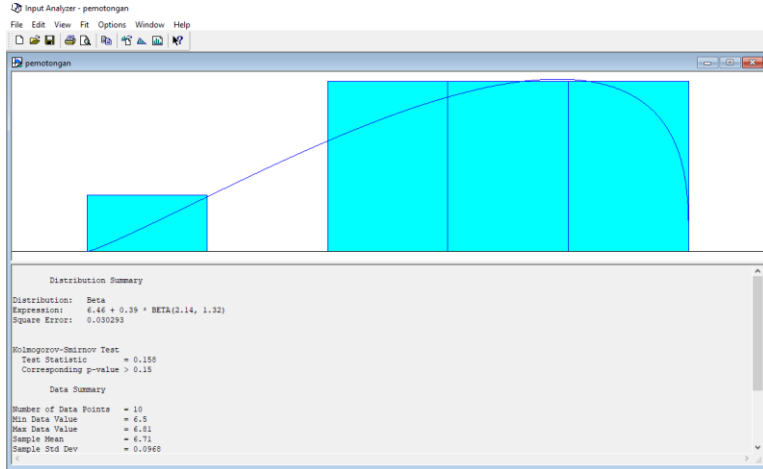


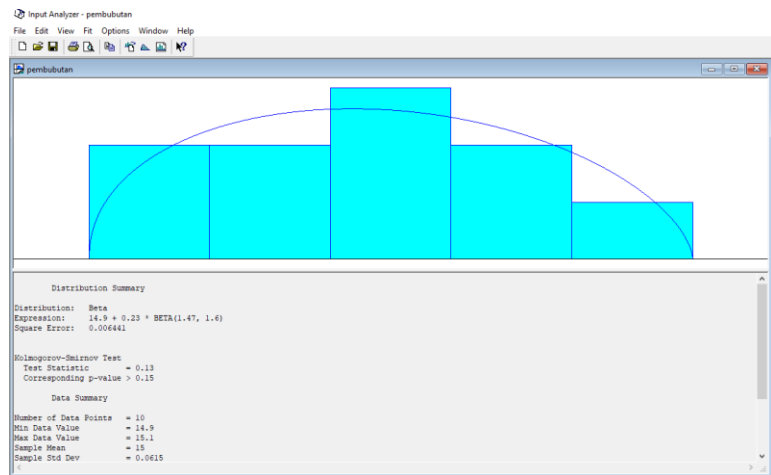
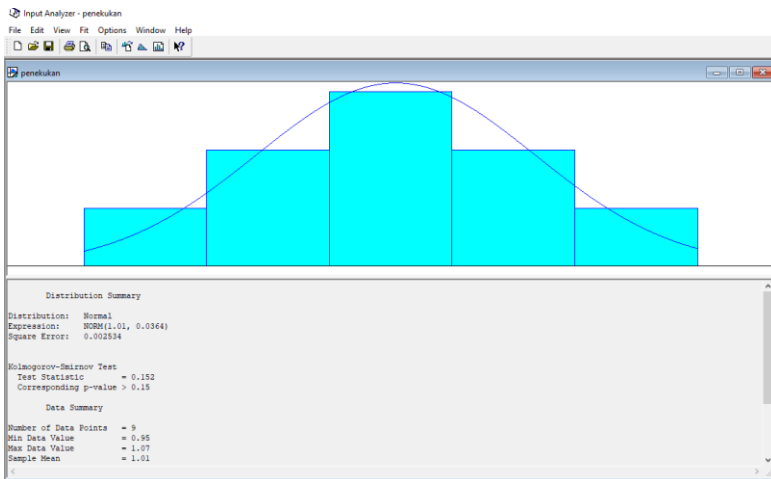
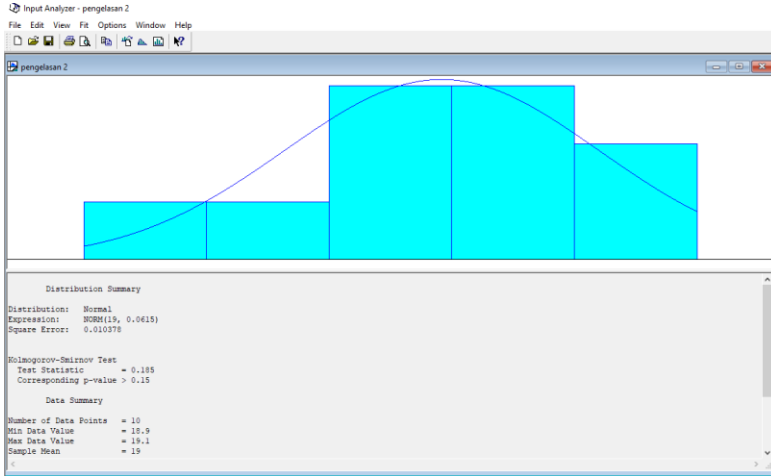


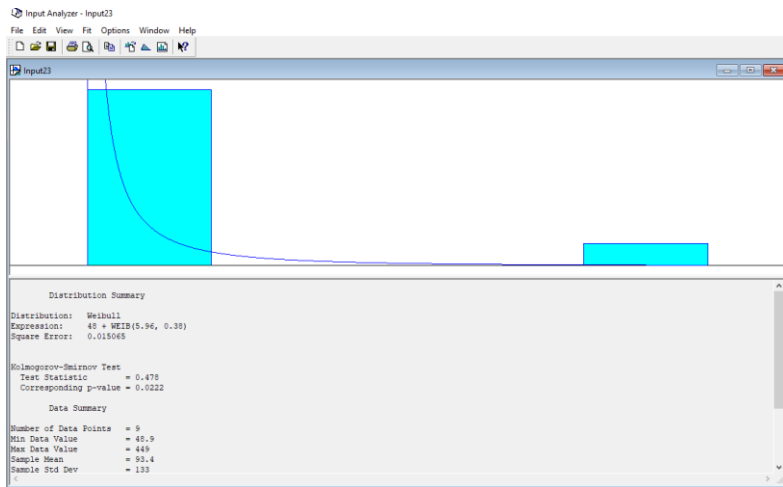
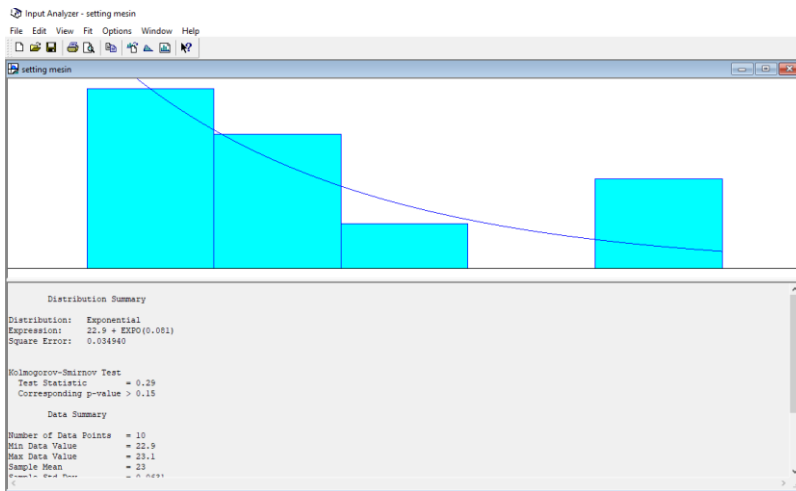
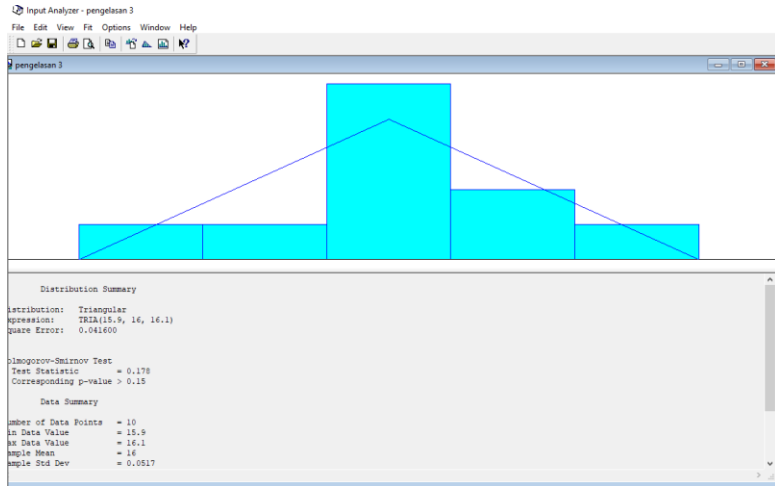


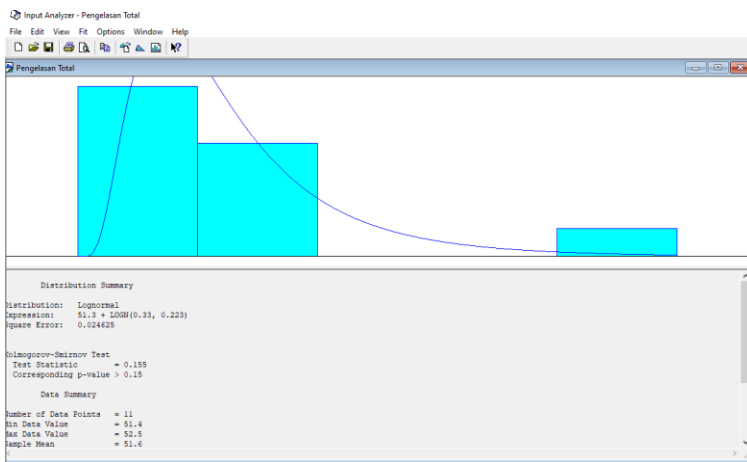
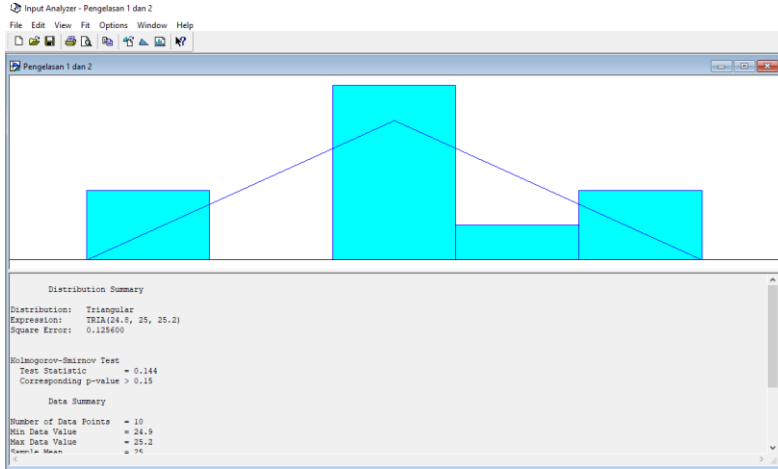
- Hasil Input Analyzer Mesin Pencabut Bulu Ayam



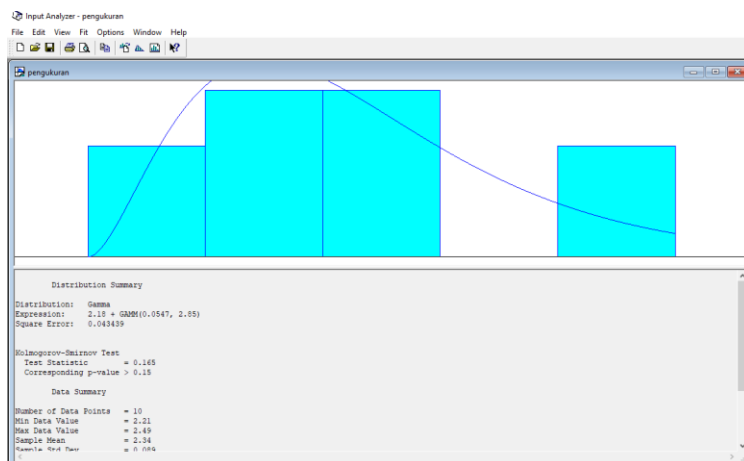


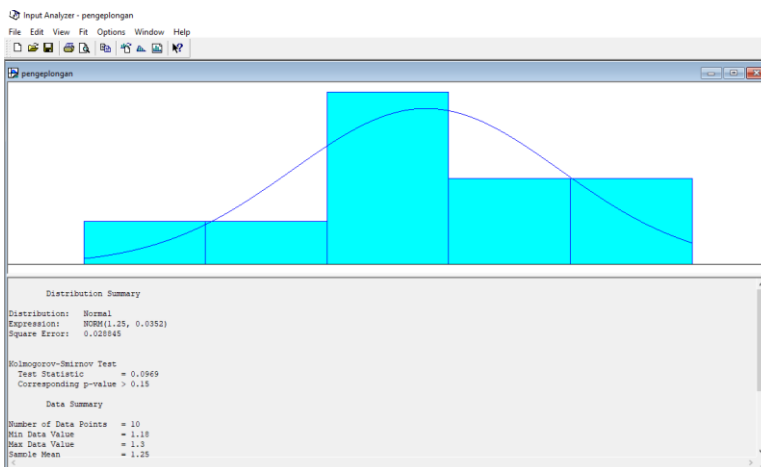
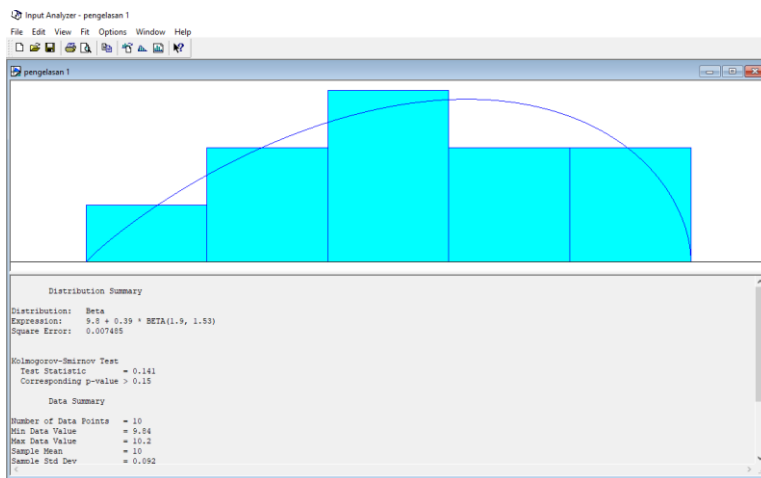
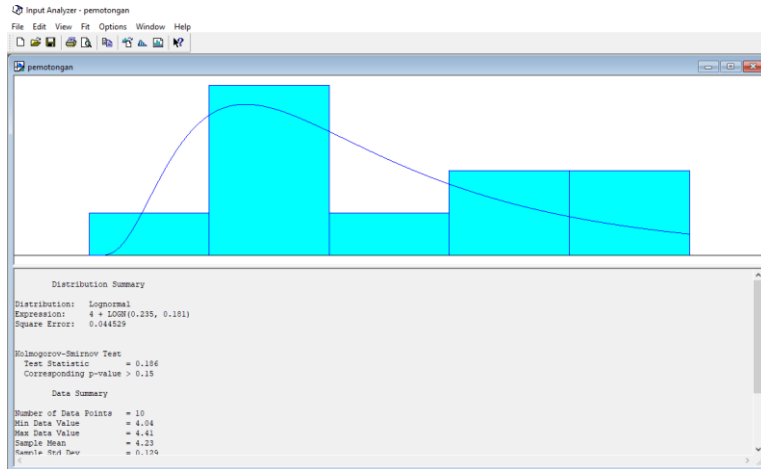


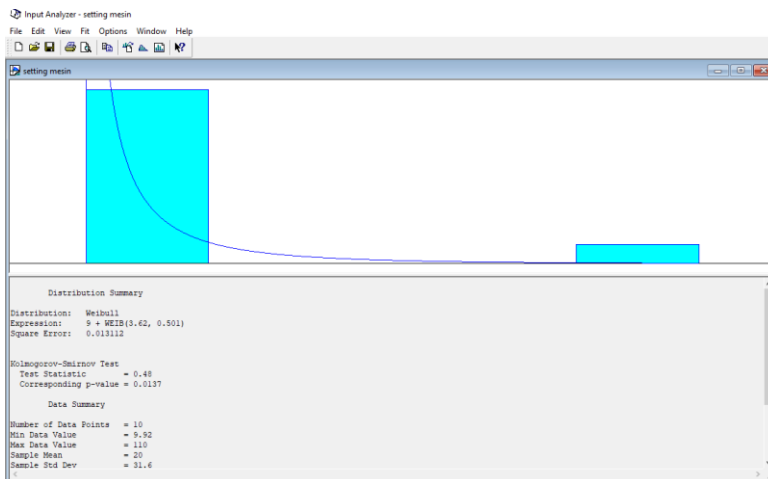
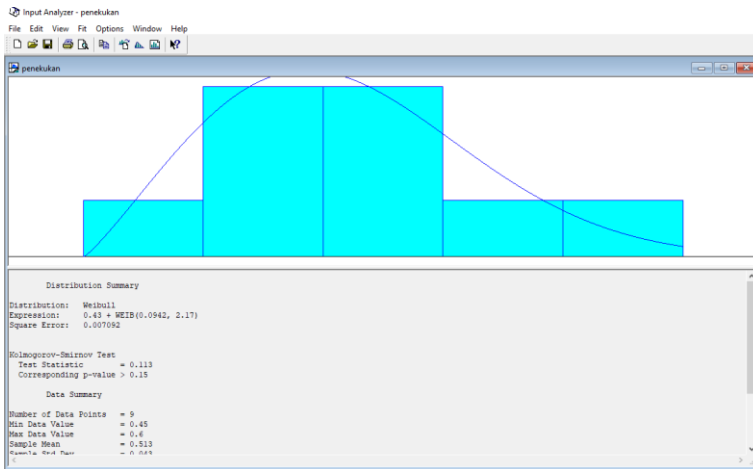
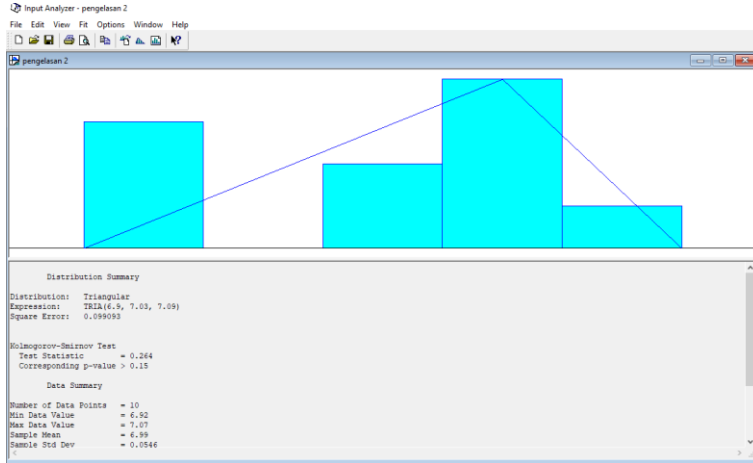


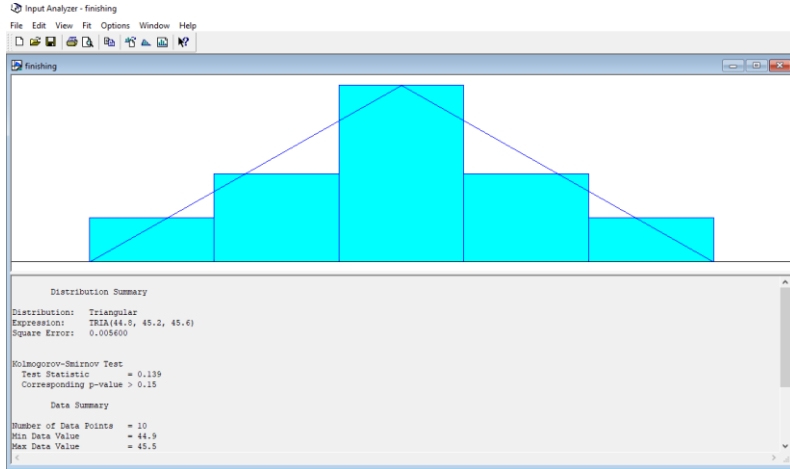


- Hasil Input Analyzer Mesin Pamarut Kelapa

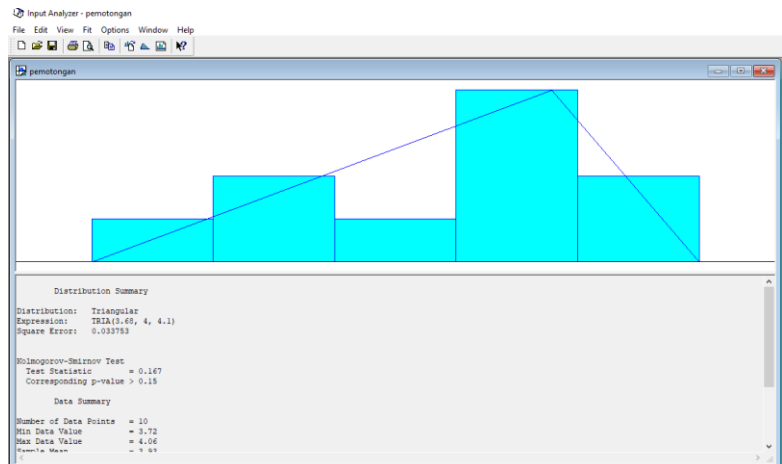
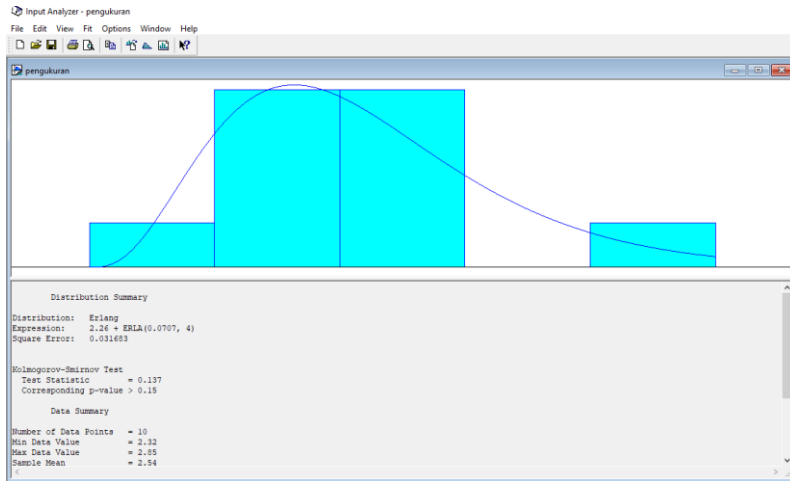


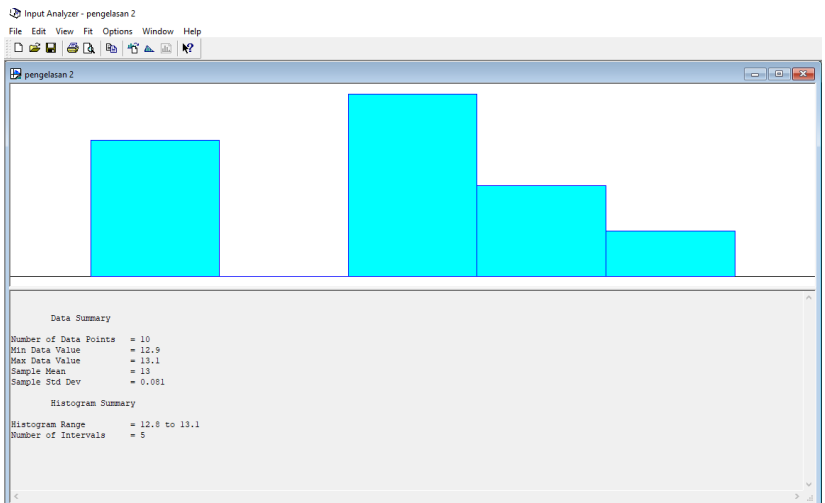
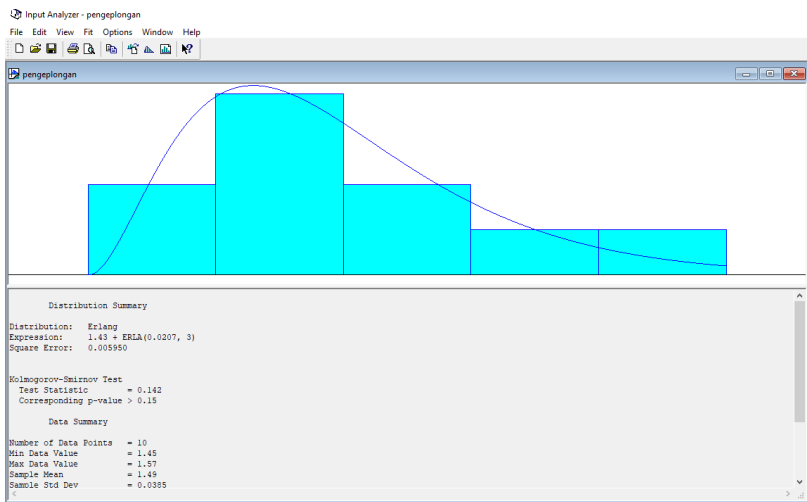
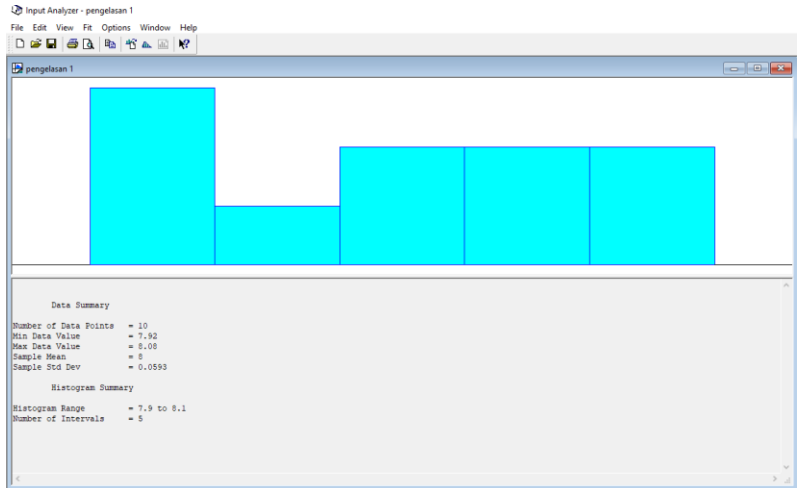


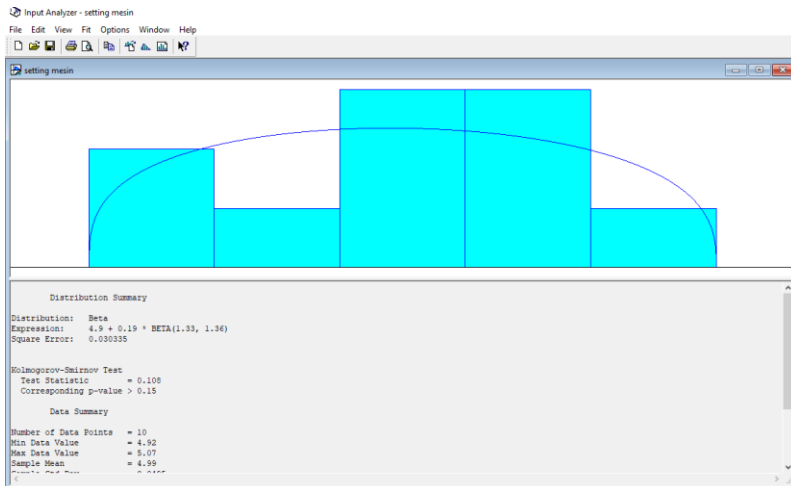
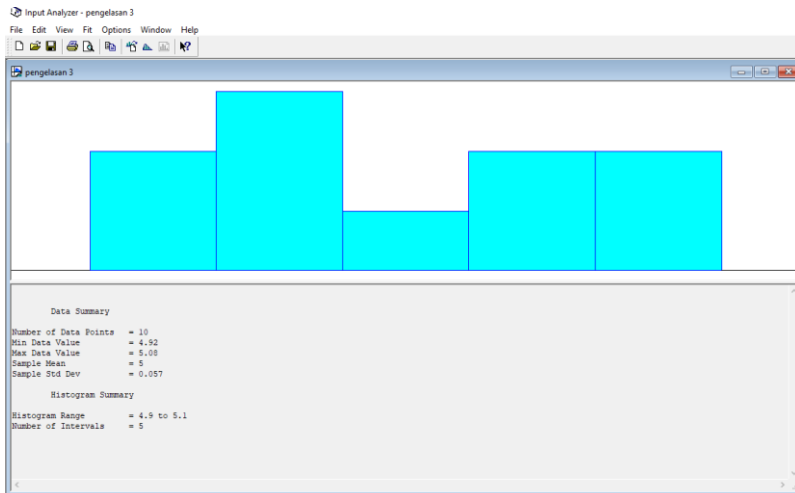
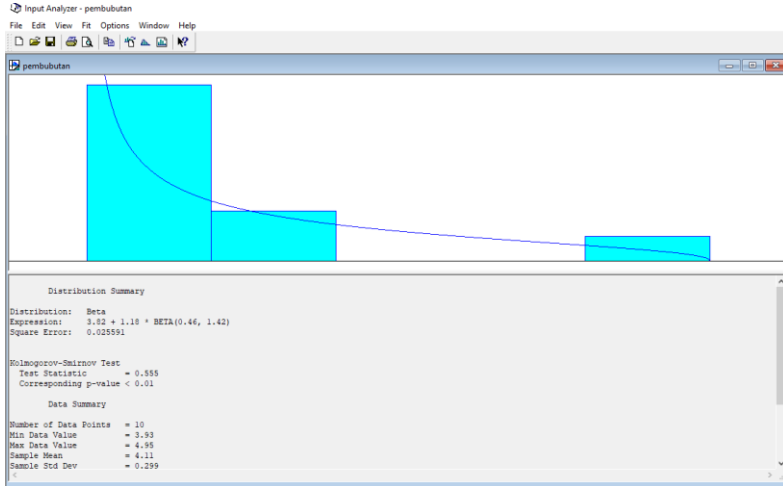


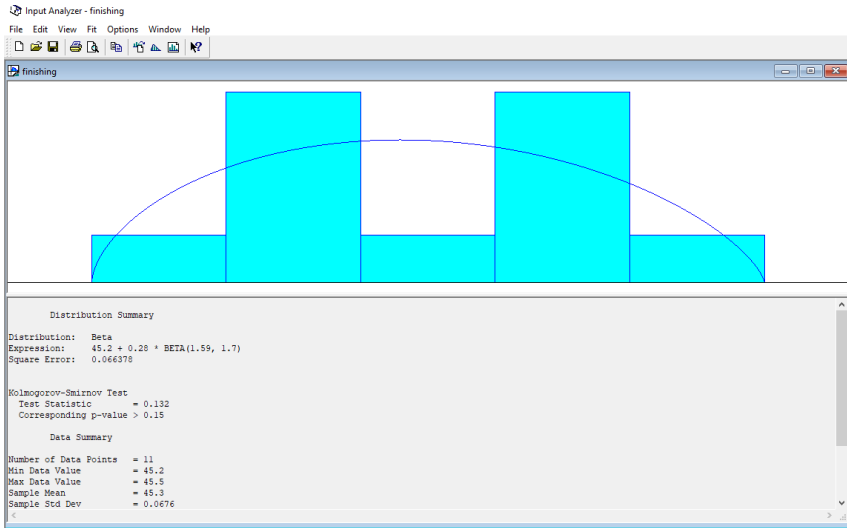


- Hasil Input Analyzer Mesin Penggiling Daging









Lampiran 5

- Data Inputan Simulasi Kondisi Awal

Create - Basic Process								
	Name	Entity Type	Type	Expression	Units	Entities per Arrival	Max Arrivals	First Creation
1	jumlah order mesin pencabut bulu ayam	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	100	0.0
2	jumlah order perontok padi	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	90	0.0
3	jumlah order Mesin Pamarut Kelapa	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	15	0.0
4	jumlah order Mesin Penggiling Daging	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	15	0.0

Decide - Basic Process				
	Name	Type	Percent True	
1	Inspeksi Pencabut bulu ayam	2-way by Chance	95	0 rows
2	Persiapan Bahan Baku Mesin Cabut Bulu Ayam	N-way by Condition	50	2 rows
3	Sortir hasil Pematongan	N-way by Chance	50	3 rows
4	Inspeksi Perontok padi	2-way by Chance	95	0 rows
5	Persiapan Bahan Baku Mesin Perontok Padi	N-way by Condition	50	2 rows
6	Sortir hasil Pematongan 1	N-way by Chance	50	3 rows
7	Inspeksi Pamarut kelapa	2-way by Chance	90	0 rows
8	Persiapan Bahan Baku PK	N-way by Condition	50	1 rows
9	Sortir hasil Pematongan PK	N-way by Chance	50	2 rows
10	Inspeksi Penggiling daging	2-way by Chance	90	0 rows
11	Persiapan Bahan Baku PD	N-way by Condition	50	1 rows
12	Sortir hasil Pematongan PD	N-way by Chance	50	2 rows

Assign - Basic Process		
	Name	Assignments
1	Kerangka Mesin	1 rows
2	Bahan Aluminium Siku	1 rows
3	Bahan Plat	1 rows
4	Bahan As	1 rows
5	Bahan Setengah jadi	1 rows
6	Bahan Setengah jadi 2	1 rows
7	Kerangka Mesin PP	1 rows
8	Bahan Aluminium Siku PP	1 rows
9	Bahan Plat PP	1 rows
10	Bahan As PP	1 rows
11	Bahan Setengah jadi PP	1 rows
12	Bahan Setengah jadi 2 PP	1 rows
13	Bahan Aluminium Siku 1	1 rows
14	Bahan Plat 1	1 rows
15	Bahan As 1	1 rows
16	Bahan Aluminium Siku PP 1	1 rows
17	Bahan Plat PP 1	1 rows
18	Bahan As PP 1	1 rows
19	Kerangka Mesin PK	1 rows
20	Bahan Aluminium Siku PK	1 rows
21	Bahan Plat PK	1 rows
22	Bahan Plat 1 PK	1 rows
23	Bahan Aluminium Siku 1 PK	1 rows
24	Bahan Setengah jadi PK	1 rows
25	Bahan Setengah jadi 2 PK	1 rows
26	Kerangka Mesin PD	1 rows
27	Bahan Aluminium Siku PD	1 rows
28	Bahan As PD	1 rows
29	Bahan Aluminium Siku 1 PD	1 rows
30	Bahan As 1 PD	1 rows
31	Bahan Setengah jadi PD	1 rows
32	Bahan Setengah jadi 2 PD	1 rows

Process - Basic Process										
	Name	Type	Action	Priority	Resources	Delay Type	Units	Allocation	Expression	Report Statistics
1	pengelplangan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	NORM(2.59, 0.0849)	✓
2	penekukan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	NORM(1.01, 0.0364)	✓
3	pengelasan 1 mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	UNIF(5.9, 6.11)	✓
4	setting mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	EXPO(0.081)	✓
5	finishing mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	3 rows	Expression	Minutes	Value Added	WEIB(5.96, 0.38)	✓
6	pembuatan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.47, 1.6)	✓
7	pengelasan 2 mesin pencabut bulu ayam	Standard	Seize Delay Release	High(1)	1 rows	Expression	Minutes	Value Added	NORM(19, 0.0615)	✓
8	pengelasan 3 mesin pencabut bulu ayam	Standard	Seize Delay Release	High(1)	1 rows	Expression	Minutes	Value Added	TRIA(15.9, 16, 16.1)	✓
9	pengukuran mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.43, 0.948)	✓
10	potongan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(2.14, 1.32)	✓
11	pengelplangan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	NORM(2.9, 0.6696)	✓
12	penekukan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	NORM(2.62, 0.0452)	✓
13	pengelasan 1 Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	LOGN(0.321, 0.21)	✓
14	setting mesin Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	LOGN(0.0616, 0.0403)	✓
15	finishing Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	3 rows	Expression	Minutes	Value Added	BETA(1.84, 1.4)	✓
16	pembuatan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	TRIA(1.84, 2.01, 2.06)	✓
17	pengelasan 2 Mesin Perontok Padi	Standard	Seize Delay Release	High(1)	1 rows	Expression	Minutes	Value Added	NORM(12, 0.0334)	✓
18	pengelasan 3 Mesin Perontok Padi	Standard	Seize Delay Release	High(1)	1 rows	Expression	Minutes	Value Added	BETA(1.34, 1.17)	✓

19	pengukuran Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.05, 0.933)	✓
20	potongan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(0.767, 0.625)	✓
21	pengelplangan Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	NORM(1.25, 0.0352)	✓
22	penekukan Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	WEIB(0.0942, 2.17)	✓
23	pengelasan 1 Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.9, 1.53)	✓
24	setting mesin Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	WEIB(3.62, 0.501)	✓
25	finishing Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	3 rows	Expression	Minutes	Value Added	TRIA(44.8, 45.2, 45.6)	✓
26	pengelasan 2 Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	TRIA(6.9, 7.03, 7.09)	✓
27	pengelasan 3 Mesin Pamarut Kelapa	Standard	Seize Delay Release	High(1)	1 rows	Expression	Minutes	Value Added	BETA(1.33, 1.36)	✓
28	pengukuran Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	GAMM(0.0547, 2.85)	✓
29	potongan Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	LOGN(0.235, 0.181)	✓
30	pengelplangan Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	ERLA(0.0207, 3)	✓
31	pengelasan 1 Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(0.924, 0.924)	✓
32	setting mesin Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(1.33, 1.36)	✓
33	finishing Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	3 rows	Expression	Minutes	Value Added	BETA(1.59, 1.7)	✓
34	pengelasan 2 Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.22, 1.21)	✓
35	pengelasan 3 Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	UNIF(4.9, 5.1)	✓
36	pengukuran Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	ERLA(0.0707, 4)	✓
37	potongan Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	TRIA(3.68, 4, 4.1)	✓
38	Pembuatan Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(0.46, 1.42)	✓

Batch - Basic Process						
	Name	Type	Batch Size	Save Criterion	Rule	Representative Entity Type
1	Batch 1	Permanent	1	Last	Any Entity	Entity 1
2	Batch 2	Permanent	1	Last	Any Entity	Entity 1
3	Batch 3	Permanent	1	Last	Any Entity	Entity 1
4	Batch 4	Permanent	1	Last	Any Entity	Entity 1

- Data Inputan Simulasi Skenario Perbaikan 1

Create - Basic Process								
	Name	Entity Type	Type	Expression	Units	Entities per Arrival	Max Arrivals	First Creation
1	jumlah	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	100	0.0
2	jumlah	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	90	0.0
3	jumlah ord	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	15	0.0
4	jumlah ord	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	15	0.0

Decide - Basic Process				
	Name	Type	Percent True	
1	Inspeksi Pencabut bulu ayam	2-way by Chance	95	0 rows
2	Persiapan Bahan Baku Mesin Cabut Bulu Ayam	N-way by Condition	50	2 rows
3	Sortir hasil Pematongan	N-way by Chance	50	3 rows
4	Inspeksi Perontok padi	2-way by Chance	95	0 rows
5	Persiapan Bahan Baku Mesin Perontok Padi	N-way by Condition	50	2 rows
6	Sortir hasil Pematongan 1	N-way by Chance	50	3 rows
7	Inspeksi Pamarut kelapa	2-way by Chance	90	0 rows
8	Persiapan Bahan Baku PK	N-way by Condition	50	1 rows
9	Sortir hasil Pematongan PK	N-way by Chance	50	2 rows
10	Inspeksi Penggiling daging	2-way by Chance	90	0 rows
11	Persiapan Bahan Baku PD	N-way by Condition	50	1 rows
12	Sortir hasil Pematongan PD	N-way by Chance	50	2 rows

Assign - Basic Process				
	Name	Assignments		
1	Kerangka Mesin	1 rows	14	Bahan Aluminium Siku PP 1
2	Bahan Aluminium Siku	1 rows	15	Bahan Plat PP 1
3	Bahan Plat	1 rows	16	Bahan As PP 1
4	Bahan As	1 rows	17	Kerangka Mesin PK
5	Bahan Setengah jadi 2	1 rows	18	Bahan Aluminium Siku PK
6	Kerangka Mesin PP	1 rows	19	Bahan Plat PK
7	Bahan Aluminium Siku PP	1 rows	20	Bahan Plat 1 PK
8	Bahan Plat PP	1 rows	21	Bahan Aluminium Siku 1 PK
9	Bahan As PP	1 rows	22	Bahan Setengah jadi 2 PK
10	Bahan Setengah jadi 2 PP	1 rows	23	Kerangka Mesin PD
11	Bahan Aluminium Siku 1	1 rows	24	Bahan Aluminium Siku PD
12	Bahan Plat 1	1 rows	25	Bahan As PD
13	Bahan As 1	1 rows	26	Bahan Aluminium Siku 1 PD
			27	Bahan As 1 PD
			28	Bahan Setengah jadi 2 PD

Process - Basic Process										
	Name	Type	Action	Priority	Resources	Delay Type	Units	Allocation	Expression	Report Statistics
1	pengelangan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	NORM(2.59, 0.0849)	✓
2	penekukan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	NORM(1.01, 0.0364)	✓
3	setting mesin mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	EXPO(0.081)	✓
4	finishing mesin pencabut bulu ayam	Standard	Seize Delay Release	High(1)	3 rows	Expression	Minutes	Value Added	WEB(5.96, 0.38)	✓
5	pembubutan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.47, 1.6)	✓
6	pengelasan 2 mesin pencabut bulu ayam	Standard	Seize Delay Release	High(1)	2 rows	Expression	Minutes	Value Added	NORM(19, 0.0615)	✓
7	pengelasan 3 mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	TRIA(15.9, 16, 16.1)	✓
8	pengukuran mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.43, 0.948)	✓
9	pematongan mesin pencabut bulu ayam	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(2.14, 1.32)	✓
10	pengelangan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	NORM(2.9, 0.0696)	✓
11	penekukan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	NORM(2.62, 0.0452)	✓
12	setting mesin Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	LOGN(0.0616, 0.0403)	✓
13	finishing Mesin Perontok Padi	Standard	Seize Delay Release	High(1)	3 rows	Expression	Minutes	Value Added	BETA(1.84, 1.4)	✓
14	pembubutan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	TRIA(1.94, 2.01, 2.06)	✓
15	pengelasan 2 Mesin Perontok Padi	Standard	Seize Delay Release	High(1)	2 rows	Expression	Minutes	Value Added	NORM(12, 0.0334)	✓
16	pengelasan 3 Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.34, 1.17)	✓
17	pengukuran Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.05, 0.933)	✓
18	pematongan Mesin Perontok Padi	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(0.767, 0.625)	✓

19	pengeplongan Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	NORM(1.25, 0.0352)	<input checked="" type="checkbox"/>
20	penekukan Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	WEIB(0.0942, 2.17)	<input checked="" type="checkbox"/>
21	setting mesin Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	WEIB(3.62, 0.501)	<input checked="" type="checkbox"/>
22	finishing Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	3 rows	Expression	Minutes	Value Added	TRIA(44.8, 45.2, 45.6)	<input checked="" type="checkbox"/>
23	pengelasan 2 Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	TRIA(6.9, 7.03, 7.09)	<input checked="" type="checkbox"/>
24	pengelasan 3 Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(1.33, 1.36)	<input checked="" type="checkbox"/>
25	pengukuran Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	GAMM(0.0547, 2.85)	<input checked="" type="checkbox"/>
26	potongan Mesin Pamarut Kelapa	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	LOGN(0.235, 0.181)	<input checked="" type="checkbox"/>
27	pengeplongan Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	ERLA(0.0207, 3)	<input checked="" type="checkbox"/>
28	setting mesin Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(1.33, 1.36)	<input checked="" type="checkbox"/>
29	finishing Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	3 rows	Expression	Minutes	Value Added	BETA(1.59, 1.7)	<input checked="" type="checkbox"/>
30	pengelasan 2 Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	BETA(1.22, 1.21)	<input checked="" type="checkbox"/>
31	pengelasan 3 Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	UNIF(4.9, 5.1)	<input checked="" type="checkbox"/>
32	pengukuran Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	ERLA(0.0707, 4)	<input checked="" type="checkbox"/>
33	potongan Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	2 rows	Expression	Minutes	Value Added	TRIA(3.68, 4, 4.1)	<input checked="" type="checkbox"/>
34	Pembubutan Mesin Penggiling Daging	Standard	Seize Delay Release	Medium(2)	1 rows	Expression	Minutes	Value Added	BETA(0.46, 1.42)	<input checked="" type="checkbox"/>

Batch - Basic Process						
	Name	Type	Batch Size	Save Criterion	Rule	Representative Entity Type
1	Batch 1	Permanent	1	Last	Any Entity	Entity 1
2	Batch 2	Permanent	1	Last	Any Entity	Entity 1
3	Batch 3	Permanent	1	Last	Any Entity	Entity 1
4	Batch 4	Permanent	1	Last	Any Entity	Entity 1

- Data Inputan Simulasi Skenario Perbaikan 2

Create - Basic Process								
	Name	Entity Type	Type	Expression	Units	Entities per Arrival	Max Arrivals	First Creation
1	jumlah order	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	100	0.0
2	jumlah order	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	90	0.0
3	jumlah order	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	15	0.0
4	jumlah order	Entity 1	Expression	BETA(0.565, 0.604)	Hours	1	15	0.0

Decide - Basic Process				
	Name	Type	Percent True	
1	Inspeksi Pencabut bulu ayam	2-way by Chance	95	0 rows
2 ▶	Persiapan Bahan Baku Mesin Cabut Bulu Ayam	N-way by Condition	50	2 rows
3	Sortir hasil Pematangan	N-way by Chance	50	3 rows
4	Inspeksi Perontok padi	2-way by Chance	95	0 rows
5	Persiapan Bahan Baku Mesin Perontok Padi	N-way by Condition	50	2 rows
6	Sortir hasil Pematangan 1	N-way by Chance	50	3 rows
7	Inspeksi Pamarut kelapa	2-way by Chance	90	0 rows
8	Persiapan Bahan Baku PK	N-way by Condition	50	1 rows
9	Sortir hasil Pematangan PK	N-way by Chance	50	2 rows
10	Inspeksi Penggiling daging	2-way by Chance	90	0 rows
11	Persiapan Bahan Baku PD	N-way by Condition	50	1 rows
12	Sortir hasil Pematangan PD	N-way by Chance	50	2 rows

Assign - Basic Process		
	Name	Assignments
1	Kerangka Mesin	1 rows
2	Bahan Aluminium Siku	1 rows
3 ▶	Bahan Plat	1 rows
4	Bahan As	1 rows
5	Kerangka Mesin PP	1 rows
6	Bahan Aluminium Siku PP	1 rows
7	Bahan Plat PP	1 rows
8	Bahan As PP	1 rows
9	Bahan Aluminium Siku 1	1 rows
10	Bahan Plat 1	1 rows
11	Bahan As 1	1 rows
12	Bahan Aluminium Siku PP 1	1 rows
13	Bahan Plat PP 1	1 rows
14	Bahan As PP 1	1 rows
15	Kerangka Mesin PK	1 rows
16	Bahan Aluminium Siku PK	1 rows
17	Bahan Plat PK	1 rows
18	Bahan Plat 1 PK	1 rows
19	Bahan Aluminium Siku 1 PK	1 rows
20	Kerangka Mesin PD	1 rows
21	Bahan Aluminium Siku PD	1 rows
22	Bahan As PD	1 rows
23	Bahan Aluminium Siku 1 PD	1 rows
24	Bahan As 1 PD	1 rows

Batch - Basic Process						
	Name	Type	Batch Size	Save Criterion	Rule	Representative Entity Type
1 ▶	Batch 1	Permanent	1	Last	Any Entity	Entity 1
2	Batch 2	Permanent	1	Last	Any Entity	Entity 1
3	Batch 3	Permanent	1	Last	Any Entity	Entity 1
4	Batch 4	Permanent	1	Last	Any Entity	Entity 1

Lampiran 6

- Hasil Running kondisi awal

09:56:05 **Category Overview** May 24, 2021

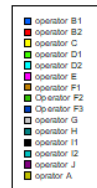
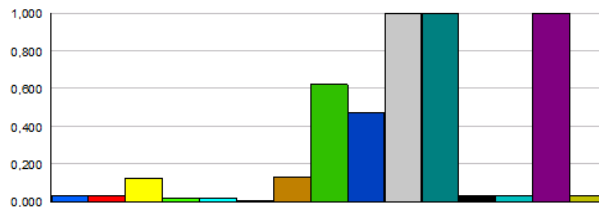
Unnamed Project

Replications: 1 Time Units: Hours

Key Performance Indicators

System
Number Out Average
220

operator B1	0.03051659
operator B2	0.03051659
operator C	0.1257
operator D1	0.02190461
operator D2	0.02190461
operator E	0.00219090
operator F1	0.1298
Operator F2	0.6212
Operator F3	0.4688
operator G	0.9981
operator H	0.9981
operator I1	0.03484292
operator I2	0.03484292
operator J	0.9981
oprator A	0.03044134



Unnamed Project Replications: 1

Replication 1 Start Time: 0.00 Stop Time: 58.95 Time Units: Hours

Entity 1

Time	Average	Half Width	Minimum	Maximum
Total Time	10.6640	(Insufficient)	0.8643	27.4708
Wait Time	9.9556	(Insufficient)	0.02254195	27.3368
VA Time	0.7084	(Insufficient)	0.06492055	9.1537
Transfer Time	0.00	(Insufficient)	0.00	0.00
Other Time	0.00	(Insufficient)	0.00	0.00
NVA Time	0.00	(Insufficient)	0.00	0.00

Other Values

- Hasil Running Skenario Perbaikan 1

08:45:35

Category Overview

May 17, 2021

Unnamed Project

Replications: 1 Time Units: Hours

Key Performance Indicators

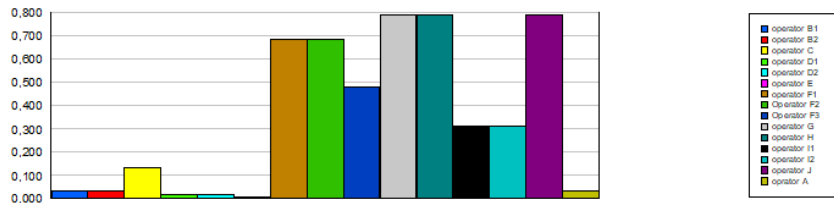
System

Number Out

Average

220

operator B1	0.03030641
operator B2	0.03030641
operator C	0.1323
operator D1	0.01708692
operator D2	0.01708692
operator E	0.00380079
operator F1	0.6839
Operator F2	0.6839
Operator F3	0.4768
operator G	0.7900
operator H	0.7900
operator I1	0.3113
operator I2	0.3113
operator J	0.7900
oprator A	0.03119135



Unnamed Project

Replications: 1

Replication 1

Start Time: 0.00 Stop Time: 57.91 Time Units: Hours

Entity 1

Time	Average	Half Width	Minimum	Maximum
Total Time	3.4064	(Insufficient)	0.1340	23.4786
Wait Time	2.7068	(Insufficient)	0.00	22.7168
VA Time	0.6996	(Insufficient)	0.1259	7.5145
Transfer Time	0.00	(Insufficient)	0.00	0.00
Other Time	0.00	(Insufficient)	0.00	0.00
NVA Time	0.00	(Insufficient)	0.00	0.00

- Hasil Running Skenario Perbaikan 2

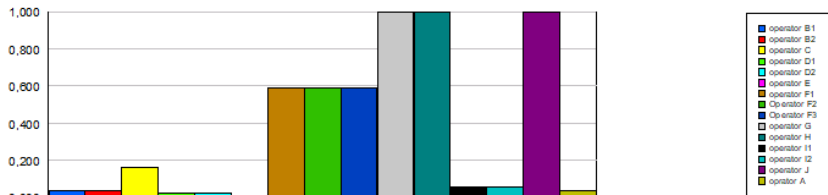
Unnamed Project

Replications: 1 Time Units: Hours

Key Performance Indicators

System
Number Out Average
220

operator B1	0.03870412
operator B2	0.03870412
operator C	0.1638
operator D1	0.02422501
operator D2	0.02422501
operator E	0.00285384
operator F1	0.5917
Operator F2	0.5917
Operator F3	0.5917
operator G	0.9975
operator H	0.9975
operator I1	0.05705619
operator I2	0.05705619
operator J	0.9975
oprator A	0.04095266



Unnamed Project Replications: 1

Replication 1 Start Time: 0.00 Stop Time: 46.81 Time Units: Hours

Entity 1

Time	Average	Half Width	Minimum	Maximum
Total Time	8.5198	(Insufficient)	0.8729	19.3464
Wait Time	8.0822	(Insufficient)	0.02254195	19.0037
VA Time	0.4377	(Insufficient)	0.05244876	7.3690
Transfer Time	0.00	(Insufficient)	0.00	0.00
Other Time	0.00	(Insufficient)	0.00	0.00
NVA Time	0.00	(Insufficient)	0.00	0.00

(Halaman sengaja dikosongi)



**JURNAL BIMBINGAN TUGAS AKHIR
PRODI TEKNIK INDUSTRI
SEMESTER GENAP 2020/2021**

Nama : Bayu Eko Saputra
NBI : 1411700064
Judul Penelitian : Perancangan Perbaikan Lintasan Produksi
 Menggunakan Ranked Positional Weighted
 Dan Model Simulasi
Dosen Pembimbing: Ir. Mochammad Singgih, MM

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3 X 4

No.	Tanggal	Materi Bimbingan	Catatan Pembimbing	Paraf Pembimbing
1	26 April 2021	BAB 4	Pengumpulan data harus dilakukan secara langsung dilapangan	
2	1 Mei 2021	BAB 4	Perbaiki dan perjelas precedence diagram sehingga pembaca tidak bingung	
3	9 Mei 2021	BAB 4	Format penulis harus disesuaikan dengan metode penelitian yang telah dibuat sehingga bisa runtut dan jelas	
4	19 Mei 2021	BAB 4	Model simulasi bisa dibuat lebih spesifik sesuai yang terjadi pada perusahaan	
5	24 Mei 2021	BAB 4	Model simulasi masih sederhana bisa diperjelas lai dan dibuat lebih spesifik sesuai yang terjadi pada perusahaan	
6	1 Juni 2021	BAB 4	Analisa hasil harus bisa menunjukkan penyelesaian masalah yang ada	
7	05 Juni 2021	BAB 5, Lampiran	Hasil dari Analisa di bab 4 harus disampaikan dengan jelas pada kesimpulan, dan lengkapi lampiran	

BIODATA



BAYU EKO SAPUTRA, lahir dikabupaten Blora Jawa Tengah tepatnya di Desa Kalen Kecamatan Kedungtuban, pada hari sabtu tanggal 06 Desember 1998. Anak pertama dari 2 bersaudara dari pasangan Sutrisno dan Jaminah. Penulis menyelesaikan pendidikan sekolah menengah atas di SMAN 02 Cepu pada tahun 2017. Pada tahun yang sama penulis melanjutkan *study-nya* di Universitas 17 Agustus 1945 Surabaya. Disaat kuliah penulis aktif berorganisasi dalam organisasi kemahasiswaan kampus tepatnya di Unit Kegiatan Kerohanian Islam (UKMKI). Pada tahun ke-2 kuliah yaitu tahun 2019, penulis menjabat sebagai kepala Departemen Keummatan, di tahun 2020 penulis menjabat lagi sebagai Sekertaris Umum Unit Kegiatan Kerohanian Islam Universitas 17 Agustus 1945 Surabaya (UKMKI). Selain aktif berorganisasi penulis juga aktif dalam mengikuti lomba nasional maupun internal kampus. Pada tahun 2019 penulis meraih pendanaan hibah dari Kemenristekdikti dalam program Kompetisi Bisnis Mahasiswa Indonesia (KBMI 2019), selain mendapatkan pendanaan penulis juga berkesempatan mengikuti mengikuti EXPO Kewirausahaan Mahasiswa Indonesia (KMI) di Politeknik Batam, dan juga meraih harapan 1 dalam lomba gagasan tertulis yang dilaksanakan BEM UNTAG. Pada tahun 2020 penulis meraih kembali pendanaan hibah dari kemenristekdikti pada program yang sama yaitu (KBMI 2020). Berikut ini adalah email penulis yang bisa dihubungi bayuexo19@gmail.com