



*Building
Future
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KEMENTERIAN PENDIDIKAN NASIONAL UNIVERSITAS NEGERI JAKARTA

Kampus Universitas Negeri Jakarta, Jalan Rawamangun Muka, Jakarta 13220
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Bag. Keuangan : 4892414, Bag. Kepegawaian : 4890536 Bag. HUMAS : 4898486

Nomor : 1862/H39.12/PL/2011
Lamp. : -
Hal : **Permohonan Izin Penelitian**

1 April 2011

Yth. Kepala SMK Negeri 50 Jakarta
Di Tempat

Kami mohon kesediaan Saudara, untuk dapat menerima Mahasiswa Universitas Negeri Jakarta :

Nama : **Mya Fitri Andini**
Nomor Registrasi : 8155072878
Program Studi : Pendidikan Akuntansi
Fakultas : Ekonomi
Untuk mengadakan : Penelitian untuk Skripsi

Di : **SMK Negeri 50**
Jl. Cipinang Muara I Jatinegara, Jakarta Timur

Guna mendapatkan data yang diperlukan dalam rangka Penulisan Skripsi dengan Judul :
"Hubungan Antara Bimbingan Tes Dengan Skor Tes Pada Uji Praktik Keahlian Akuntansi di SMK Negeri 50 Jakarta."

Atas perhatian dan bantuan Saudara kami ucapkan terima kasih.



Kepala Biro Administrasi
Akademik dan Kemahasiswaan

Dra. Desfrina
NIP. 19590409 198503 2 001

Tembusan :
1. Dekan Fakultas Ekonomi
2. Kaprog / Jurusan Ekonomi dan Administrasi



PEMERINTAH PROVINSI DAERAH KHUSUS IBUKOTA JAKARTA
DINAS PENDIDIKAN
SEKOLAH MENENGAH KEJURUAN (SMK) NEGERI 50 JAKARTA
KELOMPOK : BISNIS DAN MANAJEMEN

Jalan Cipinang Muara I Jatinegara Jakarta Timur 13420 Telp. / Fax. 8194466
Web Site : smk50.net, e-mail : smknegerilimapuluh@yahoo.com



SURAT KETERANGAN

Nomor : 314 /1.851.7

Yang bertanda tangan di bawah ini :

Nama : NGATIMIN, S.Pd.
NIP : 196408011993031007
Pangkat/Gol. : Pembina, IV/a
Jabatan : Kepala SMK Negeri 50 Jakarta

Dengan ini menerangkan bahwa :

Nama : MYA FITRI ANDINI
Nomor Registrasi : 8155072878
Program Studi : Pendidikan Akuntansi
Fakultas : Ekonomi Universitas Negeri Jakarta

Adalah benar mahasiswa tersebut di atas telah melaksanakan Penelitian di SMK Negeri 50 Jakarta dengan Judul : "PENGARUH BIMBINGAN TES TERHADAP SKOR TES PADA UJI PRAKTIK KEAHLIAN AKUNTANSI DI SMK NEGERI 50 JAKARTA".

Demikian surat keterangan ini dibuat dengan sebenarnya dan untuk dapat digunakan sebagaimana mestinya.

Jakarta, 17 Juni 2011
KEPALA SMK NEGERI 50 JAKARTA



[Handwritten Signature]
NGATIMIN, S.Pd.
NIP. 196408011993031007

SMK NEGERI 50 JAKARTA
DAFTAR SKOR TES KENDALI MUTU (TKM) AKUNTANSI
TAHUN PELAJARAN 2010 / 2011

NOMOR		Nama Siswa	Skor Presentasi		Skor Praktik Manual		Skor Praktik MYOB		SKOR AKHIR
URUT	UJIAN		10%		70%		20%		
			Skor	Nilai	Skor	Nilai	Skor	Nilai	
1	5,069,001	Ade Sintya Lindora	9.70	0.97	9.00	6.30	10.00	2.00	9.27
2	5,069,002	Affifah	8.80	0.88	8.70	6.09	8.00	1.60	8.57
3	5,069,003	Akbar Hidayat	8.00	0.80	8.00	5.60	9.00	1.80	8.20
4	5,069,004	Anis Marsella	9.00	0.90	8.00	5.60	8.50	1.70	8.20
5	5,069,005	Anis Wulandari	9.50	0.95	7.85	5.50	9.00	1.80	8.25
6	5,069,006	Cahyani	8.00	0.80	7.00	4.90	8.00	1.60	7.30
7	5,069,007	Desy Dwi Lestari	9.20	0.92	8.00	5.60	9.50	1.90	8.42
8	5,069,008	Devi Fitrianiingsih	9.30	0.93	8.00	5.60	10.00	2.00	8.53
9	5,069,009	Diana Indriani	8.00	0.80	7.50	5.25	8.00	1.60	7.65
10	5,069,010	Dina Rasela	9.50	0.95	8.00	5.60	10.00	2.00	8.55
11	5,069,011	Dini Wulandari	9.40	0.94	8.00	5.60	9.00	1.80	8.34
12	5,069,012	Dita Aryani	8.40	0.84	8.00	5.60	10.00	2.00	8.44
13	5,069,013	Dwi Susilowati	9.00	0.90	8.00	5.60	10.00	2.00	8.50
14	5,069,014	Elsa Yuliani	9.00	0.90	7.00	4.90	10.00	2.00	7.80
15	5,069,015	Emy Imas Rahayu	9.00	0.90	7.00	4.90	10.00	2.00	7.80
16	5,069,016	Erlin Andiawati	8.50	0.85	7.00	4.90	7.70	1.54	7.29
17	5,069,017	Evi Karlinah	8.50	0.85	7.00	4.90	7.50	1.50	7.25
18	5,069,018	Fatimah Tuzahroh	9.00	0.90	8.50	5.95	10.00	2.00	8.85
19	5,069,019	Fauziyah	8.80	0.88	8.00	5.60	7.50	1.50	7.98
20	5,069,020	Feby Noer Fauziyah	8.70	0.87	8.00	5.60	9.00	1.80	8.27
21	5,069,021	Fitri Jayanti	8.00	0.80	8.00	5.60	7.50	1.50	7.90
22	5,069,022	Fitria	8.20	0.82	8.00	5.60	10.00	2.00	8.42
23	5,069,023	Hanifah Dwi Jayanti	8.15	0.82	8.00	5.60	7.58	1.52	7.93
24	5,069,024	Hendri Fardli	8.00	0.80	8.00	5.60	8.00	1.60	8.00
25	5,069,025	Hevi Susilah	8.20	0.82	7.50	5.25	7.50	1.50	7.57
26	5,069,026	Indri Miranti	8.70	0.87	8.00	5.60	7.50	1.50	7.97
27	5,069,027	Iriana Rohmah	9.50	0.95	8.00	5.60	10.00	2.00	8.55
28	5,069,028	Irma Fitriana	9.00	0.90	8.00	5.60	8.50	1.70	8.20
29	5,069,029	Kia Rukayah	9.45	0.95	8.00	5.60	9.50	1.90	8.45
30	5,069,030	Laeli Nur Azizah	9.50	0.95	8.00	5.60	10.00	2.00	8.55
31	5,069,031	Linawati	9.50	0.95	7.80	5.46	10.00	2.00	8.41
32	5,069,032	Maria Ulfa	8.50	0.85	7.00	4.90	7.50	1.50	7.25
33	5,069,033	Mayasari	9.50	0.95	8.00	5.60	10.00	2.00	8.55
34	5,069,034	Merrybedh Novellika	8.70	0.87	8.00	5.60	9.50	1.90	8.37
35	5,069,035	Mitra Santoso	8.30	0.83	7.00	4.90	9.50	1.90	7.63
36	5,069,036	Muhammad Ismail	8.80	0.88	7.00	4.90	9.00	1.80	7.58
37	5,069,037	Nani Setianingsih	9.00	0.90	8.00	5.60	10.00	2.00	8.50
38	5,069,038	Nofitri Utami	8.15	0.82	7.52	5.26	10.00	2.00	8.08
39	5,069,039	Novitasari	8.30	0.83	8.07	5.65	10.00	2.00	8.48
40	5,069,040	Nur Fajar	8.50	0.85	8.00	5.60	9.00	1.80	8.25

SMK NEGERI 50 JAKARTA
DAFTAR SKOR TES KENDALI MUTU (TKM) AKUNTANSI
TAHUN PELAJARAN 2010 / 2011

NOMOR		Nama Siswa	Skor Presentasi		Skor Praktik Manual		Skor Praktik MYOB		SKOR AKHIR
URUT	UJIAN		10%		70%		20%		
			Skor	Nilai	Skor	Nilai	Skor	Nilai	
41	5,069,041	Nur Syahbani	8.50	0.85	8.00	5.60	8.50	1.70	8.15
42	5,069,042	Nurhestichomah	8.85	0.89	8.00	5.60	9.00	1.80	8.29
43	5,069,043	Nurmalisa	9.50	0.95	7.80	5.46	7.50	1.50	7.91
44	5,069,044	Nurul Ismi Zahrida	9.50	0.95	7.80	5.46	10.00	2.00	8.41
45	5,069,045	Nurul Syahidahdiyahudin	9.15	0.92	7.00	4.90	9.00	1.80	7.62
46	5,069,046	Pebriyanti	9.00	0.90	7.00	4.90	10.00	2.00	7.80
47	5,069,047	Poppy Purnama N.	8.25	0.83	7.00	4.90	10.00	2.00	7.73
48	5,069,048	Prasetya Wiguna	7.50	0.75	8.50	5.95	9.50	1.90	8.60
49	5,069,049	Prita Puspasari	7.80	0.78	8.00	5.60	9.50	1.90	8.28
50	5,069,050	Putri Emilia	8.50	0.85	8.00	5.60	9.00	1.80	8.25
51	5,069,051	Putri Lestari	8.15	0.82	7.80	5.46	9.00	1.80	8.08
52	5,069,052	Rahmawati	9.50	0.95	8.00	5.60	10.00	2.00	8.55
53	5,069,053	Rantina	9.50	0.95	8.00	5.60	10.00	2.00	8.55
54	5,069,054	Resah Apriyani	8.00	0.80	8.00	5.60	7.50	1.50	7.90
55	5,069,055	Retno Winangsah	7.80	0.78	7.74	5.42	9.00	1.80	8.00
56	5,069,056	Ria Amalia Saputri	9.45	0.95	7.50	5.25	10.00	2.00	8.20
57	5,069,057	Rina Setiawati	9.50	0.95	8.00	5.60	10.00	2.00	8.55
58	5,069,058	Rochmah Setyowaty	9.15	0.92	8.00	5.60	9.00	1.80	8.32
59	5,069,059	Sarah Fauzia	8.70	0.87	8.00	5.60	9.00	1.80	8.27
60	5,069,060	Selpi Susanti	8.35	0.84	8.00	5.60	8.00	1.60	8.04
61	5,069,061	Sendy Tresia	8.00	0.80	8.00	5.60	10.00	2.00	8.40
62	5,069,062	Sepiana	9.30	0.93	8.50	5.95	7.50	1.50	8.38
63	5,069,063	Septiana Budiarti	9.50	0.95	9.00	6.30	10.00	2.00	9.25
64	5,069,064	Silfia	8.50	0.85	7.00	4.90	9.00	1.80	7.55
65	5,069,065	Siti Juriah	8.00	0.80	8.00	5.60	9.50	1.90	8.30
66	5,069,066	Siti Sulastri	8.50	0.85	8.42	5.89	9.50	1.90	8.64
67	5,069,067	Sri Hartati	9.00	0.90	8.00	5.60	10.00	2.00	8.50
68	5,069,068	Sri Wahyuningsih	8.70	0.87	8.72	6.10	9.00	1.80	8.77
69	5,069,069	Sudarsi	8.10	0.81	8.00	5.60	8.50	1.70	8.11
70	5,069,070	Syafni Meylinda	8.80	0.88	8.00	5.60	8.00	1.60	8.08
71	5,069,071	Teny Haryati	9.50	0.95	8.50	5.95	10.00	2.00	8.90
72	5,069,072	Tiara Aprianca	8.00	0.80	8.00	5.60	10.00	2.00	8.40
73	5,069,073	Uswatun Hasanah	8.45	0.85	8.00	5.60	10.00	2.00	8.45
74	5,069,074	Vera Christina	9.45	0.95	7.80	5.46	9.00	1.80	8.21
75	5,069,075	Vinny Oktaviany	8.25	0.83	8.00	5.60	8.30	1.66	8.09
76	5,069,076	Wiwit Noviyanti	9.00	0.90	7.50	5.25	9.00	1.80	7.95
77	5,069,077	Wulandari	8.30	0.83	8.00	5.60	9.50	1.90	8.33
78	5,069,078	Yhuni Kartika Sari	9.50	0.95	8.00	5.60	10.00	2.00	8.55
79	5,069,079	Yulia Ade Rahmah	8.00	0.80	7.50	5.25	10.00	2.00	8.05

Jakarta, Maret 2011
Kepala Program Akuntansi

Dra. Jeanne Rolly M.
NIP 195907051993022001

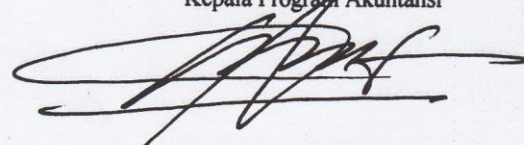
SMK NEGERI 50 JAKARTA
DAFTAR SKOR TES UJI PRAKTIK KEAHLIAN AKUNTANSI
TAHUN PELAJARAN 2010 / 2011

NOMOR		Nama Siswa	Skor Presentasi		Skor Praktik Manual		Skor Praktik MYOB		SKOR AKHIR
URUT	UJIAN		10%		70%		20%		
			Skor	Nilai	Skor	Nilai	Skor	Nilai	
1	5,069,001	Ade Sintya Lindora	9.70	0.97	9.82	6.87	10.00	2.00	9.84
2	5,069,002	Afifah	8.80	0.88	9.32	6.52	8.00	1.60	9.00
3	5,069,003	Akbar Hidayat	8.00	0.80	8.00	5.60	9.00	1.80	8.20
4	5,069,004	Anis Marsella	9.00	0.90	9.32	6.52	8.50	1.70	9.12
5	5,069,005	Anis Wulandari	9.50	0.95	8.45	5.92	9.00	1.80	8.67
6	5,069,006	Cahyani	8.00	0.80	8.41	5.89	8.00	1.60	8.29
7	5,069,007	Desy Dwi Lestari	9.20	0.92	9.40	6.58	9.50	1.90	9.40
8	5,069,008	Devi Fitriarningsih	9.30	0.93	9.44	6.61	10.00	2.00	9.54
9	5,069,009	Diana Indriani	8.00	0.80	8.00	5.60	8.00	1.60	8.00
10	5,069,010	Dina Rasela	9.50	0.95	9.07	6.35	10.00	2.00	9.30
11	5,069,011	Dini Wulandari	9.40	0.94	9.54	6.68	9.00	1.80	9.42
12	5,069,012	Dita Aryani	8.40	0.84	9.38	6.57	10.00	2.00	9.41
13	5,069,013	Dwi Susilowati	9.00	0.90	9.34	6.54	10.00	2.00	9.44
14	5,069,014	Elsa Yuliani	9.00	0.90	9.27	6.49	10.00	2.00	9.39
15	5,069,015	Emy Imas Rahayu	9.00	0.90	9.17	6.42	10.00	2.00	9.32
16	5,069,016	Erlin Andiwati	8.50	0.85	8.24	5.77	7.70	1.54	8.16
17	5,069,017	Evi Karlinah	8.50	0.85	8.23	5.76	7.50	1.50	8.11
18	5,069,018	Fatimah Tuzahroh	9.00	0.90	9.32	6.52	10.00	2.00	9.42
19	5,069,019	Fauziyah	8.80	0.88	9.42	6.59	7.50	1.50	8.97
20	5,069,020	Feby Noer Fauziyah	8.70	0.87	8.62	6.03	9.00	1.80	8.70
21	5,069,021	Fitri Jayanti	8.00	0.80	8.32	5.82	7.50	1.50	8.12
22	5,069,022	Fitria	8.20	0.82	8.22	5.75	10.00	2.00	8.57
23	5,069,023	Hanifah Dwi Jayanti	8.15	0.82	8.20	5.74	7.58	1.52	8.07
24	5,069,024	Hendri Fardli	8.00	0.80	8.02	5.61	8.00	1.60	8.01
25	5,069,025	Hevi Susilah	8.20	0.82	8.32	5.82	7.50	1.50	8.14
26	5,069,026	Indri Miranti	8.70	0.87	9.02	6.31	7.50	1.50	8.68
27	5,069,027	Iriana Rohmah	9.50	0.95	9.00	6.30	10.00	2.00	9.25
28	5,069,028	Irma Fitriana	9.00	0.90	9.22	6.45	8.50	1.70	9.05
29	5,069,029	Kia Rukayah	9.45	0.95	9.50	6.65	9.50	1.90	9.50
30	5,069,030	Laeli Nur Azizah	9.50	0.95	9.70	6.79	10.00	2.00	9.74
31	5,069,031	Linawati	9.50	0.95	9.14	6.40	10.00	2.00	9.35
32	5,069,032	Maria Ulfa	8.50	0.85	8.47	5.93	7.50	1.50	8.28
33	5,069,033	Mayasari	9.50	0.95	8.77	6.14	10.00	2.00	9.09
34	5,069,034	Merrybedh Novellika	8.70	0.87	9.11	6.38	9.50	1.90	9.15
35	5,069,035	Mitra Santoso	8.30	0.83	8.07	5.65	9.50	1.90	8.38
36	5,069,036	Muhammad Ismail	8.80	0.88	8.87	6.21	9.00	1.80	8.89
37	5,069,037	Nani Setianingsih	9.00	0.90	9.57	6.70	10.00	2.00	9.60
38	5,069,038	Nefitri Utami	8.15	0.82	7.52	5.26	10.00	2.00	8.08
39	5,069,039	Novitasari	8.30	0.83	8.07	5.65	10.00	2.00	8.48
40	5,069,040	Nur Fajar	8.50	0.85	9.42	6.59	9.00	1.80	9.24

SMK NEGERI 50 JAKARTA
DAFTAR SKOR TES UJI PRAKTIK KEAHLIAN AKUNTANSI
TAHUN PELAJARAN 2010 / 2011

NOMOR		Nama Siswa	Skor Presentasi		Skor Praktik Manual		Skor Praktik MYOB		SKOR AKHIR
URUT	UJIAN		10%		70%		20%		
			Skor	Nilai	Skor	Nilai	Skor	Nilai	
41	5,069,041	Nur Syahbani	8.50	0.85	9.37	6.56	8.50	1.70	9.11
42	5,069,042	Nurhestichomah	8.85	0.89	9.22	6.45	9.00	1.80	9.14
43	5,069,043	Nurmalisa	9.50	0.95	9.24	6.47	7.50	1.50	8.92
44	5,069,044	Nurul Ismi Zahrida	9.50	0.95	9.34	6.54	10.00	2.00	9.49
45	5,069,045	Nurul Syahidahdiyahudin	9.15	0.92	8.95	6.27	9.00	1.80	8.98
46	5,069,046	Pebriyanti	9.00	0.90	9.42	6.59	10.00	2.00	9.49
47	5,069,047	Poppy Purnama N.	8.25	0.83	9.18	6.43	10.00	2.00	9.25
48	5,069,048	Prasetya Wiguna	7.50	0.75	7.72	5.40	9.50	1.90	8.05
49	5,069,049	Prita Puspasari	7.80	0.78	8.72	6.10	9.50	1.90	8.78
50	5,069,050	Putri Emilia	8.50	0.85	9.57	6.70	9.00	1.80	9.35
51	5,069,051	Putri Lestari	8.15	0.82	8.72	6.10	9.00	1.80	8.72
52	5,069,052	Rahmawati	9.50	0.95	9.32	6.52	10.00	2.00	9.47
53	5,069,053	Rantina	9.50	0.95	9.20	6.44	10.00	2.00	9.39
54	5,069,054	Resah Apriyani	8.00	0.80	8.14	5.70	7.50	1.50	8.00
55	5,069,055	Retno Winangsah	7.80	0.78	7.74	5.42	9.00	1.80	8.00
56	5,069,056	Ria Amalia Saputri	9.45	0.95	9.25	6.48	10.00	2.00	9.42
57	5,069,057	Rina Setiawati	9.50	0.95	9.64	6.75	10.00	2.00	9.70
58	5,069,058	Rochmah Setyowaty	9.15	0.92	9.19	6.43	9.00	1.80	9.15
59	5,069,059	Sarah Fauzia	8.70	0.87	9.17	6.42	9.00	1.80	9.09
60	5,069,060	Selpi Susanti	8.35	0.84	8.42	5.89	8.00	1.60	8.33
61	5,069,061	Sendy Tresia	8.00	0.80	9.02	6.31	10.00	2.00	9.11
62	5,069,062	Sepiana	9.30	0.93	8.33	5.83	7.50	1.50	8.26
63	5,069,063	Septiana Budiarti	9.50	0.95	9.67	6.77	10.00	2.00	9.72
64	5,069,064	Silfia	8.50	0.85	9.44	6.61	9.00	1.80	9.26
65	5,069,065	Siti Juriah	8.00	0.80	7.68	5.38	9.50	1.90	8.08
66	5,069,066	Siti Sulastri	8.50	0.85	8.42	5.89	9.50	1.90	8.64
67	5,069,067	Sri Hartati	9.00	0.90	9.72	6.80	10.00	2.00	9.70
68	5,069,068	Sri Wahyuningsih	8.70	0.87	8.72	6.10	9.00	1.80	8.77
69	5,069,069	Sudarsi	8.10	0.81	8.92	6.24	8.50	1.70	8.75
70	5,069,070	Syafni Meylinda	8.80	0.88	8.52	5.96	8.00	1.60	8.44
71	5,069,071	Teny Haryati	9.50	0.95	9.83	6.88	10.00	2.00	9.83
72	5,069,072	Tiara Aprianka	8.00	0.80	9.52	6.66	10.00	2.00	9.46
73	5,069,073	Uswatun Hasanah	8.45	0.85	9.77	6.84	10.00	2.00	9.68
74	5,069,074	Vera Christina	9.45	0.95	8.00	5.60	9.00	1.80	8.35
75	5,069,075	Vinny Oktaviany	8.25	0.83	8.02	5.61	8.30	1.66	8.10
76	5,069,076	Wiwit Noviyanti	9.00	0.90	8.52	5.96	9.00	1.80	8.66
77	5,069,077	Wulandari	8.30	0.83	9.17	6.42	9.50	1.90	9.15
78	5,069,078	Yhuni Kartika Sari	9.50	0.95	9.64	6.75	10.00	2.00	9.70
79	5,069,079	Yulia Ade Rahmah	8.00	0.80	8.17	5.72	10.00	2.00	8.52

Jakarta, Maret 2011
Kepala Program Akuntansi



Dra. Jeanne Rolly M.
NIP 195907051993022001

Data Skor Tes Akuntansi Sebelum dan Sesudah Bimbingan Tes

Lampiran 5

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No.	Responden	Kelas	Skor Tes	
			Sebelum Bimbingan	Sesudah Bimbingan
1	Evi Karlinah	XII AK 1	7.25	8.11
2	Maria Ulfa	XII AK 2	7.25	8.28
3	Erlin Andiawati	XII AK 1	7.29	8.16
4	Cahyani	XII AK 2	7.30	8.29
5	Silfia	XII AK 2	7.55	9.26
6	Hevi Susilah	XII AK 1	7.57	8.14
7	Muhammad Ismail	XII AK 2	7.58	8.89
8	Nurul Syahidahdiyahudin	XII AK 1	7.62	8.98
9	Mitra Santoso	XII AK 2	7.63	8.38
10	Diana Indriani	XII AK 2	7.65	8.00
11	Poppy Purnama N.	XII AK 1	7.73	9.25
12	Elsa Yuliani	XII AK 1	7.80	9.39
13	Emy Imas Rahayu	XII AK 1	7.80	9.32
14	Pebriyanti	XII AK 1	7.80	9.49
15	Fitri Jayanti	XII AK 1	7.90	8.12
16	Nurmalisa	XII AK 2	7.91	8.92
17	Hanifah Dwi Jayanti	XII AK 1	7.93	8.07
18	Wiwit Noviyanti	XII AK 2	7.95	8.66
19	Indri Miranti	XII AK 1	7.97	8.68
20	Fauziyah	XII AK 1	7.98	8.97
21	Hendri Fardli	XII AK 2	8.00	8.01
22	Yulia Ade Rahmah	XII AK 2	8.05	8.52
23	Syafni Meylinda	XII AK 1	8.08	8.44
24	Vinny Oktaviany	XII AK 2	8.09	8.10
25	Sudarsi	XII AK 2	8.11	8.75
26	Nur Syahbani	XII AK 1	8.15	9.11
27	Ria Amalia Saputri	XII AK 1	8.20	9.42
28	Anis Marsella	XII AK 2	8.20	9.12
29	Irma Fitriana	XII AK 2	8.20	9.05
30	Vera Christina	XII AK 1	8.21	8.35
31	Anis Wulandari	XII AK 2	8.25	8.67
32	Nur Fajar	XII AK 1	8.25	9.24
33	Putri Emilia	XII AK 1	8.25	9.35
34	Feby Noer Fauziyah	XII AK 2	8.27	8.70
35	Sarah Fauzia	XII AK 2	8.27	9.09
36	Nurhestichomah	XII AK 2	8.29	9.14
37	Wulandari	XII AK 2	8.33	9.15
38	Dini Wulandari	XII AK 1	8.34	9.42
39	Merrybedh Novellika	XII AK 2	8.37	9.15
40	Tiara Aprianka	XII AK 2	8.40	9.46
41	Linawati	XII AK 1	8.41	9.35
42	Nurul Ismi Zahrida	XII AK 1	8.41	9.49
43	Desy Dwi Lestari	XII AK 1	8.42	9.40
44	Fitria	XII AK 1	8.42	8.57
45	Dita Aryani	XII AK 1	8.44	9.41
46	Kia Rukayah	XII AK 2	8.45	9.50
47	Uswatun Hasanah	XII AK 2	8.45	9.68
48	Dwi Susilowati	XII AK 1	8.50	9.44
49	Nani Setianingsih	XII AK 2	8.50	9.60
50	Sri Hartati	XII AK 1	8.50	9.70
51	Devi Fitrianiingsih	XII AK 1	8.53	9.54
52	Dina Rasela	XII AK 1	8.55	9.30
53	Iriana Rohmah	XII AK 1	8.55	9.25
54	Laeli Nur Azizah	XII AK 2	8.55	9.74
55	Mayasari	XII AK 1	8.55	9.09
56	Rantina	XII AK 1	8.55	9.39
57	Rina Setiawati	XII AK 1	8.55	9.70
58	Yhuni Kartika Sari	XII AK 2	8.55	9.70
59	Afifah	XII AK 2	8.57	9.00
60	Siti Sulastru	XII AK 1	8.64	8.64
61	Sri Wahyuningsih	XII AK 1	8.77	8.77
62	Fatimah Tuzahroh	XII AK 2	8.85	9.42
63	Teny Haryati	XII AK 1	8.90	9.83
64	Septiana Budiarti	XII AK 2	9.25	9.72
65	Ade Sintya Lindora	XII AK 2	9.27	9.84

**PERHITUNGAN RATA-RATA, VARIANS, DAN STANDAR DEVIASI
SKOR TES AKUNTANSI SEBELUM BIMBINGAN TES**

Lampiran 6

n	X	X - \bar{X}	(X - \bar{X}) ²
1	7.25	-0.95	0.8985
2	7.25	-0.95	0.8985
3	7.29	-0.91	0.8243
4	7.30	-0.90	0.8062
5	7.55	-0.65	0.4198
6	7.57	-0.63	0.3943
7	7.58	-0.62	0.3818
8	7.62	-0.58	0.3398
9	7.63	-0.57	0.3225
10	7.65	-0.55	0.3002
11	7.73	-0.47	0.2236
12	7.80	-0.40	0.1583
13	7.80	-0.40	0.1583
14	7.80	-0.40	0.1583
15	7.90	-0.30	0.0887
16	7.91	-0.29	0.0829
17	7.93	-0.27	0.0712
18	7.95	-0.25	0.0615
19	7.97	-0.23	0.0519
20	7.98	-0.22	0.0475
21	8.00	-0.20	0.0392
22	8.05	-0.15	0.0219
23	8.08	-0.12	0.0139
24	8.09	-0.11	0.0127
25	8.11	-0.09	0.0077
26	8.15	-0.05	0.0023
27	8.20	0.00	0.0000
28	8.20	0.00	0.0000
29	8.20	0.00	0.0000
30	8.21	0.01	0.0001
31	8.25	0.05	0.0022
32	8.25	0.05	0.0027
33	8.25	0.05	0.0027
34	8.27	0.07	0.0052
35	8.27	0.07	0.0052
36	8.29	0.09	0.0076
37	8.33	0.13	0.0174
38	8.34	0.14	0.0202
39	8.37	0.17	0.0296
40	8.40	0.20	0.0408
41	8.41	0.21	0.0450
42	8.41	0.21	0.0450
43	8.42	0.22	0.0493
44	8.42	0.22	0.0493
45	8.44	0.24	0.0586
46	8.45	0.25	0.0611
47	8.45	0.25	0.0611
48	8.50	0.30	0.0913
49	8.50	0.30	0.0913
50	8.50	0.30	0.0913
51	8.53	0.33	0.1103
52	8.55	0.35	0.1240
53	8.55	0.35	0.1240
54	8.55	0.35	0.1240
55	8.55	0.35	0.1240
56	8.55	0.35	0.1240
57	8.55	0.35	0.1240
58	8.55	0.35	0.1240
59	8.57	0.37	0.1385
60	8.64	0.45	0.1990
61	8.77	0.58	0.3319
62	8.85	0.65	0.4252
63	8.90	0.70	0.4929
64	9.25	1.05	1.1069
65	9.27	1.07	1.1494
Σ	532.86	0.00	12.3848

A. Rata-Rata

$$\begin{aligned} \bar{X} &= \frac{\sum X}{n} \\ &= \frac{532.86}{65} \\ &= \underline{\underline{8.20}} \end{aligned}$$

B. Varians

$$\begin{aligned} S^2 &= \frac{\sum (X - \bar{X})^2}{n - 1} \\ &= \frac{12.3848}{64} \\ &= \underline{\underline{0.19}} \end{aligned}$$

C. Standar Deviasi

$$\begin{aligned} S &= \sqrt{\frac{\sum (X - \bar{X})^2}{n - 1}} \\ &= \sqrt{S^2} \\ &= \sqrt{0.19} \\ &= \underline{\underline{0.44}} \end{aligned}$$

D. Median

$$Md = \underline{\underline{33}}$$

DISTRIBUSI FREKUENSI SKOR TES AKUNTANSI SEBELUM BIMBINGAN TES

1. Rentang kelas

$$\begin{aligned}\text{Rentang} &= \text{data terbesar} - \text{data terkecil} \\ &= 9,27 - 7,25 \\ &= 2,02\end{aligned}$$

2. Banyak kelas Interval

$$\begin{aligned}\text{Kelas} &= 1 + (3,3) \text{ Log } n \\ &= 1 + (3,3) \text{ Log } 65 \\ &= 1 + (3,3) 1,8129 \\ &= 1 + 5,9826 \\ &= 6,9826 = 7 \text{ kelas}\end{aligned}$$

3. Panjang Kelas Interval

$$\begin{aligned}\text{Panjang} &= \frac{\text{Rentang}}{\text{Banyak Kelas}} \\ &= \frac{2,02}{7} = 0,29\end{aligned}$$

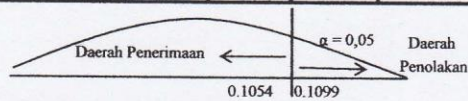
4. Distribusi Frekuensi Skor Tes Akuntansi Sebelum Bimbingan Tes

Kategori	Kelas Interval	Titik Tengah	Batas Bawah	Batas Atas	Frekuensi Absolut	Frekuensi Relatif
1	7,25 – 7,54	7,395	7,245	7,545	4	6,15%
2	7,55 – 7,84	7,695	7,545	7,845	10	15,38%
3	7,85 – 8,14	7,995	7,845	8,145	11	16,92%
4	8,15 – 8,44	8,295	8,145	8,445	20	30,77%
5	8,45 – 8,74	8,595	8,445	8,745	15	23,08%
6	8,75 – 9,04	8,895	8,745	9,045	3	4,62%
7	9,05 – 9,34	9,195	9,045	9,345	2	3,08%
	Jumlah				65	100%

Uji Normalitas Data Variabel X
Skor Tes Kendali Mutu Akuntansi (Sebelum Bimbingan Tes)

Lampiran 8

No.	TKM	X - X̄	(X - X̄)²	Zi	Zt	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
1	7.25	-0.95	0.8985	-2.15	0.0158	0.0158	0.0154	0.0004
2	7.25	-0.95	0.8985	-2.15	0.0158	0.0158	0.0308	0.0150
3	7.29	-0.91	0.8243	-2.06	0.0197	0.0197	0.0462	0.0265
4	7.30	-0.90	0.8062	-2.04	0.0207	0.0207	0.0615	0.0408
5	7.55	-0.65	0.4198	-1.47	0.0708	0.0708	0.0769	0.0061
6	7.57	-0.63	0.3943	-1.43	0.0764	0.0764	0.0923	0.0159
7	7.58	-0.62	0.3818	-1.40	0.0808	0.0808	0.1077	0.0269
8	7.62	-0.58	0.3398	-1.33	0.0918	0.0918	0.1231	0.0313
9	7.63	-0.57	0.3225	-1.29	0.0985	0.0985	0.1385	0.0400
10	7.65	-0.55	0.3002	-1.25	0.1056	0.1056	0.1538	0.0482
11	7.73	-0.47	0.2236	-1.08	0.1401	0.1401	0.1692	0.0291
12	7.80	-0.40	0.1583	-0.90	0.1841	0.1841	0.1846	0.0005
13	7.80	-0.40	0.1583	-0.90	0.1841	0.1841	0.2000	0.0159
14	7.80	-0.40	0.1583	-0.90	0.1841	0.1841	0.2154	0.0313
15	7.90	-0.30	0.0887	-0.68	0.2482	0.2482	0.2308	0.0174
16	7.91	-0.29	0.0829	-0.65	0.2578	0.2578	0.2462	0.0116
17	7.93	-0.27	0.0712	-0.61	0.2709	0.2709	0.2615	0.0094
18	7.95	-0.25	0.0615	-0.56	0.2877	0.2877	0.2769	0.0108
19	7.97	-0.23	0.0519	-0.52	0.3015	0.3015	0.2923	0.0092
20	7.98	-0.22	0.0475	-0.50	0.3085	0.3085	0.3077	0.0008
21	8.00	-0.20	0.0392	-0.45	0.3264	0.3264	0.3231	0.0033
22	8.05	-0.15	0.0219	-0.34	0.3669	0.3669	0.3385	0.0284
23	8.08	-0.12	0.0139	-0.27	0.3936	0.3936	0.3538	0.0398
24	8.09	-0.11	0.0127	-0.26	0.3974	0.3974	0.3692	0.0282
25	8.11	-0.09	0.0077	-0.20	0.4207	0.4207	0.3846	0.0361
26	8.15	-0.05	0.0023	-0.11	0.4562	0.4562	0.4000	0.0562
27	8.20	0.00	0.0000	-0.01	0.4960	0.4960	0.4154	0.0806
28	8.20	0.00	0.0000	0.00	0.5000	0.5000	0.4308	0.0692
29	8.20	0.00	0.0000	0.00	0.5000	0.5000	0.4462	0.0538
30	8.21	0.01	0.0001	0.02	0.4920	0.5080	0.4615	0.0465
31	8.25	0.05	0.0022	0.11	0.4562	0.5438	0.4769	0.0669
32	8.25	0.05	0.0027	0.12	0.4522	0.5478	0.4923	0.0555
33	8.25	0.05	0.0027	0.12	0.4522	0.5478	0.5077	0.0401
34	8.27	0.07	0.0052	0.16	0.4364	0.5636	0.5231	0.0405
35	8.27	0.07	0.0052	0.16	0.4364	0.5636	0.5385	0.0251
36	8.29	0.09	0.0076	0.20	0.4207	0.5793	0.5538	0.0255
37	8.33	0.13	0.0174	0.30	0.3821	0.6179	0.5692	0.0487
38	8.34	0.14	0.0202	0.32	0.3745	0.6255	0.5846	0.0409
39	8.37	0.17	0.0296	0.39	0.3483	0.6517	0.6000	0.0517
40	8.40	0.20	0.0408	0.46	0.3228	0.6772	0.6154	0.0618
41	8.41	0.21	0.0450	0.48	0.3156	0.6844	0.6308	0.0536
42	8.41	0.21	0.0450	0.48	0.3156	0.6844	0.6462	0.0382
43	8.42	0.22	0.0493	0.50	0.3085	0.6915	0.6615	0.0300
44	8.42	0.22	0.0493	0.50	0.3085	0.6915	0.6769	0.0146
45	8.44	0.24	0.0586	0.55	0.2912	0.7088	0.6923	0.0165
46	8.45	0.25	0.0611	0.56	0.2877	0.7123	0.7077	0.0046
47	8.45	0.25	0.0611	0.56	0.2877	0.7123	0.7231	0.0108
48	8.50	0.30	0.0913	0.69	0.2451	0.7549	0.7385	0.0164
49	8.50	0.30	0.0913	0.69	0.2451	0.7549	0.7538	0.0011
50	8.50	0.30	0.0913	0.69	0.2451	0.7549	0.7692	0.0143
51	8.53	0.33	0.1103	0.75	0.2266	0.7734	0.7846	0.0112
52	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8000	0.0119
53	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8154	0.0273
54	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8308	0.0427
55	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8462	0.0581
56	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8615	0.0734
57	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8769	0.0888
58	8.55	0.35	0.1240	0.80	0.2119	0.7881	0.8923	0.1042
59	8.57	0.37	0.1385	0.85	0.1977	0.8023	0.9077	0.1054
60	8.64	0.45	0.1990	1.01	0.1562	0.8438	0.9231	0.0793
61	8.77	0.58	0.3319	1.31	0.0951	0.9049	0.9385	0.0336
62	8.85	0.65	0.4252	1.48	0.0694	0.9306	0.9538	0.0232
63	8.90	0.70	0.4929	1.60	0.0548	0.9452	0.9692	0.0240
64	9.25	1.05	1.1069	2.39	0.0084	0.9916	0.9846	0.0070
65	9.27	1.07	1.1494	2.44	0.0073	0.9927	1.0000	0.0073
Σ	532.86							
X̄	8.20							
STDEV	0.44							



Berdasarkan perhitungan di atas, dapat diketahui nilai L_{hitung} terbesar = 0,1054
 L_{tabel} untuk $N = 65$ dengan taraf signifikansi 0,05 adalah 0,1099. Maka $L_{hitung} < L_{tabel}$.
 Dengan demikian, dapat disimpulkan bahwa data di atas (variabel X) berdistribusi Normal.

**PERHITUNGAN RATA-RATA, VARIANS, DAN STANDAR DEVIASI
SKOR TES AKUNTANSI SESUDAH BIMBINGAN TES**

Lampiran 9

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n	Y	Y - \bar{Y}	(Y - \bar{Y}) ²
1	8.00	-1.03	1.0530
2	8.01	-1.01	1.0245
3	8.07	-0.96	0.9123
4	8.10	-0.93	0.8596
5	8.11	-0.92	0.8375
6	8.12	-0.90	0.8139
7	8.14	-0.88	0.7782
8	8.16	-0.87	0.7537
9	8.28	-0.75	0.5583
10	8.29	-0.74	0.5464
11	8.35	-0.68	0.4640
12	8.38	-0.65	0.4188
13	8.44	-0.58	0.3389
14	8.52	-0.51	0.2572
15	8.57	-0.45	0.2045
16	8.64	-0.38	0.1461
17	8.66	-0.36	0.1312
18	8.67	-0.36	0.1304
19	8.68	-0.34	0.1171
20	8.70	-0.32	0.1038
21	8.75	-0.27	0.0741
22	8.77	-0.25	0.0636
23	8.89	-0.14	0.0188
24	8.92	-0.11	0.0117
25	8.97	-0.05	0.0027
26	8.98	-0.05	0.0021
27	9.00	-0.02	0.0005
28	9.05	0.03	0.0008
29	9.09	0.06	0.0039
30	9.09	0.06	0.0039
31	9.11	0.08	0.0069
32	9.12	0.10	0.0096
33	9.14	0.11	0.0127
34	9.15	0.12	0.0146
35	9.15	0.12	0.0151
36	9.24	0.22	0.0475
37	9.25	0.22	0.0501
38	9.25	0.22	0.0505
39	9.26	0.23	0.0537
40	9.30	0.27	0.0744
41	9.32	0.29	0.0857
42	9.35	0.32	0.1036
43	9.35	0.32	0.1042
44	9.39	0.36	0.1316
45	9.39	0.36	0.1324
46	9.40	0.37	0.1397
47	9.41	0.38	0.1443
48	9.42	0.39	0.1535
49	9.42	0.39	0.1551
50	9.42	0.40	0.1583
51	9.44	0.41	0.1696
52	9.46	0.44	0.1917
53	9.49	0.46	0.2133
54	9.49	0.47	0.2189
55	9.50	0.47	0.2198
56	9.54	0.51	0.2620
57	9.60	0.57	0.3281
58	9.68	0.66	0.4327
59	9.70	0.67	0.4514
60	9.70	0.67	0.4514
61	9.70	0.68	0.4595
62	9.72	0.69	0.4800
63	9.74	0.71	0.5096
64	9.83	0.80	0.6478
65	9.84	0.82	0.6688
Σ	586.70	0.00	17.9797

A. Rata-Rata

$$\begin{aligned}\bar{Y} &= \frac{\sum Y}{n} \\ &= \frac{586.70}{65} \\ &= \underline{\underline{9.03}}\end{aligned}$$

B. Varians

$$\begin{aligned}S^2 &= \frac{\sum (Y - \bar{Y})^2}{n - 1} \\ &= \frac{17.9797}{64} \\ &= \underline{\underline{0.28}}\end{aligned}$$

C. Standar Deviasi

$$\begin{aligned}S &= \sqrt{\frac{\sum (Y - \bar{Y})^2}{n - 1}} \\ &= \sqrt{S^2} \\ &= \underline{\underline{0.53}}\end{aligned}$$

D. Median

$$Md = \underline{\underline{33}}$$

DISTRIBUSI FREKUENSI SKOR TES AKUNTANSI SESUDAH BIMBINGAN TES

1. Rentang kelas

$$\begin{aligned}\text{Rentang} &= \text{data terbesar} - \text{data terkecil} \\ &= 9,84 - 8,00 \\ &= 1,84\end{aligned}$$

2. Banyak kelas Interval

$$\begin{aligned}\text{Kelas} &= 1 + (3,3) \text{ Log } n \\ &= 1 + (3,3) \text{ Log } 65 \\ &= 1 + (3,3) 1,8129 \\ &= 1 + 5,9826 \\ &= 6,9826 = 7 \text{ kelas}\end{aligned}$$

3. Panjang Kelas Interval

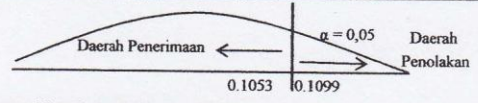
$$\begin{aligned}\text{Panjang} &= \frac{\text{Rentang}}{\text{Banyak Kelas}} \\ &= \frac{1,84}{7} = 0,26\end{aligned}$$

4. Distribusi Frekuensi Skor Tes Akuntansi Sesudah Bimbingan Tes

Kategori	Kelas Interval	Titik Tengah	Batas Bawah	Batas Atas	Frekuensi Absolut	Frekuensi Relatif
1	8,00 – 8,26	8,13	7,995	8,265	8	12,31%
2	8,27 – 8,53	8,4	8,265	8,535	6	9,23%
3	8,54 – 8,80	8,67	8,535	8,805	8	12,31%
4	8,81 – 9,07	8,94	8,805	9,075	6	9,23%
5	9,08 – 9,34	9,21	9,075	9,345	13	20,00%
6	9,35 – 9,61	9,48	9,345	9,615	16	24,62%
7	9,62 – 9,88	9,75	9,615	9,885	8	12,31%
	Jumlah				65	100%

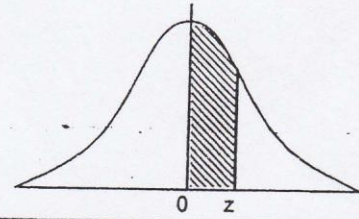
Uji Normalitas Data Variabel Y
Skor Tes Uji Praktik Keahlian Akuntansi (Sesudah Bimbingan Tes)

No.	SKOR TES	Y - \bar{Y}	(Y - \bar{Y}) ²	Z _i	Z _t	F(Z _i)	S(Z _i)	F(Z _i) - S(Z _i)
1	8.00	-1.03	1.0530	-1.94	0.0262	0.0262	0.0154	0.0108
2	8.01	-1.01	1.0245	-1.91	0.0281	0.0281	0.0308	0.0027
3	8.07	-0.96	0.9123	-1.80	0.0359	0.0359	0.0462	0.0103
4	8.10	-0.93	0.8596	-1.75	0.0401	0.0401	0.0615	0.0214
5	8.11	-0.92	0.8375	-1.73	0.0418	0.0418	0.0769	0.0351
6	8.12	-0.90	0.8139	-1.70	0.0446	0.0446	0.0923	0.0477
7	8.14	-0.88	0.7782	-1.66	0.0485	0.0485	0.1077	0.0592
8	8.16	-0.87	0.7537	-1.64	0.0505	0.0505	0.1231	0.0726
9	8.28	-0.75	0.5583	-1.41	0.0793	0.0793	0.1385	0.0592
10	8.29	-0.74	0.5464	-1.39	0.0823	0.0823	0.1538	0.0715
11	8.35	-0.68	0.4640	-1.29	0.0985	0.0985	0.1692	0.0707
12	8.38	-0.65	0.4188	-1.22	0.1112	0.1112	0.1846	0.0734
13	8.44	-0.58	0.3389	-1.10	0.1357	0.1357	0.2000	0.0643
14	8.52	-0.51	0.2572	-0.96	0.1685	0.1685	0.2154	0.0469
15	8.57	-0.45	0.2045	-0.85	0.1977	0.1977	0.2308	0.0331
16	8.64	-0.38	0.1461	-0.72	0.2358	0.2358	0.2462	0.0104
17	8.66	-0.36	0.1312	-0.68	0.2482	0.2482	0.2615	0.0133
18	8.67	-0.36	0.1304	-0.68	0.2482	0.2482	0.2769	0.0287
19	8.68	-0.34	0.1171	-0.65	0.2578	0.2578	0.2923	0.0345
20	8.70	-0.32	0.1038	-0.61	0.2709	0.2709	0.3077	0.0368
21	8.75	-0.27	0.0741	-0.51	0.3050	0.3050	0.3231	0.0181
22	8.77	-0.25	0.0636	-0.48	0.3156	0.3156	0.3385	0.0229
23	8.89	-0.14	0.0188	-0.26	0.3974	0.3974	0.3538	0.0436
24	8.92	-0.11	0.0117	-0.20	0.4207	0.4207	0.3692	0.0515
25	8.97	-0.05	0.0027	-0.10	0.4602	0.4602	0.3846	0.0756
26	8.98	-0.05	0.0021	-0.09	0.4641	0.4641	0.4000	0.0641
27	9.00	-0.02	0.0005	-0.04	0.4840	0.4840	0.4154	0.0686
28	9.05	0.03	0.0008	0.05	0.4801	0.5199	0.4308	0.0891
29	9.09	0.06	0.0039	0.12	0.4522	0.5478	0.4462	0.1016
30	9.09	0.06	0.0039	0.12	0.4522	0.5478	0.4615	0.0863
31	9.11	0.08	0.0069	0.16	0.4364	0.5636	0.4769	0.0867
32	9.12	0.10	0.0096	0.18	0.4286	0.5714	0.4923	0.0791
33	9.14	0.11	0.0127	0.21	0.4168	0.5832	0.5077	0.0755
34	9.15	0.12	0.0146	0.23	0.4090	0.5910	0.5231	0.0679
35	9.15	0.12	0.0151	0.23	0.4090	0.5910	0.5385	0.0525
36	9.24	0.22	0.0475	0.41	0.3409	0.6591	0.5538	0.1053
37	9.25	0.22	0.0501	0.42	0.3372	0.6628	0.5692	0.0936
38	9.25	0.22	0.0505	0.42	0.3372	0.6628	0.5846	0.0782
39	9.26	0.23	0.0537	0.44	0.3300	0.6700	0.6000	0.0700
40	9.30	0.27	0.0744	0.51	0.3050	0.6950	0.6154	0.0796
41	9.32	0.29	0.0857	0.55	0.2912	0.7088	0.6308	0.0780
42	9.35	0.32	0.1036	0.61	0.2709	0.7291	0.6462	0.0829
43	9.35	0.32	0.1042	0.61	0.2709	0.7291	0.6615	0.0676
44	9.39	0.36	0.1316	0.68	0.2482	0.7518	0.6769	0.0749
45	9.39	0.36	0.1324	0.69	0.2451	0.7549	0.6923	0.0626
46	9.40	0.37	0.1397	0.71	0.2388	0.7612	0.7077	0.0535
47	9.41	0.38	0.1443	0.72	0.2358	0.7642	0.7231	0.0411
48	9.42	0.39	0.1535	0.74	0.2296	0.7704	0.7385	0.0319
49	9.42	0.39	0.1551	0.74	0.2296	0.7704	0.7538	0.0166
50	9.42	0.40	0.1583	0.75	0.2266	0.7734	0.7692	0.0042
51	9.44	0.41	0.1696	0.78	0.2177	0.7823	0.7846	0.0023
52	9.46	0.44	0.1917	0.83	0.2033	0.7967	0.8000	0.0033
53	9.49	0.46	0.2133	0.87	0.1922	0.8078	0.8154	0.0076
54	9.49	0.47	0.2189	0.88	0.1894	0.8106	0.8308	0.0202
55	9.50	0.47	0.2198	0.88	0.1894	0.8106	0.8462	0.0356
56	9.54	0.51	0.2620	0.97	0.1660	0.8340	0.8615	0.0275
57	9.60	0.57	0.3281	1.08	0.1562	0.8438	0.8769	0.0331
58	9.68	0.66	0.4327	1.24	0.1075	0.8925	0.8923	0.0002
59	9.70	0.67	0.4514	1.27	0.1020	0.8980	0.9077	0.0097
60	9.70	0.67	0.4514	1.27	0.1020	0.8980	0.9231	0.0251
61	9.70	0.68	0.4595	1.28	0.1003	0.8997	0.9385	0.0388
62	9.72	0.69	0.4800	1.31	0.0951	0.9049	0.9538	0.0489
63	9.74	0.71	0.5096	1.35	0.0885	0.9115	0.9692	0.0577
64	9.83	0.80	0.6478	1.52	0.0643	0.9357	0.9846	0.0489
65	9.84	0.82	0.6688	1.54	0.0618	0.9382	1.0000	0.0618
\sum	586.70							
\bar{Y}	9.03							
STDEV	0.53							



Berdasarkan perhitungan di atas, dapat diketahui nilai L_{hitung} terbesar = 0,1053
 L_{tabel} untuk N = 65 dengan taraf signifikan 0,05 adalah 0,1099. Maka $L_{hitung} < L_{tabel}$.
 Dengan demikian, dapat disimpulkan bahwa data di atas (variabel Y) berdistribusi Normal.

Tabel Kurva Normal Persentase
Daerah Kurva Normal
dari 0 sampai z



Z	0	1	2	3	4	5	6	7	8	9
0.0	0000	0040	0080	0120	0160	0199	0239	0279	0319	0359
0.1	0398	0438	0478	0517	0557	0596	0636	0675	0714	0753
0.2	0793	0832	0871	0910	0948	0987	1026	1064	1103	1141
0.3	1179	1217	1255	1293	1331	1368	1406	1443	1480	1517
0.4	1554	1591	1628	1664	1700	1736	1772	1808	1844	1879
0.5	1915	1950	1985	2019	2054	2088	2123	2157	2190	2224
0.6	2258	2291	2324	2357	2389	2422	2454	2486	2518	2549
0.7	2580	2612	2642	2673	2704	2734	2764	2794	2823	2852
0.8	2881	2910	2939	2967	2996	3023	3051	3078	3106	3133
0.9	3159	3186	3212	3238	3264	3289	3315	3340	3365	3389
1.0	3413	3438	3461	3485	3508	3531	3554	3577	3599	3621
1.1	3643	3665	3686	3708	3729	3749	3770	3790	3810	3830
1.2	3849	3869	3888	3907	3925	3944	3962	3980	3997	4015
1.3	4032	4049	4066	4082	4099	4115	4131	4147	4162	4177
1.4	4192	4207	4222	4236	4251	4265	4279	4292	4306	4319
1.5	4332	4345	4357	4370	4382	4394	4406	4418	4429	4441
1.6	4452	4463	4474	4484	4495	4505	4515	4525	4535	4545
1.7	4554	4564	4573	4582	4591	4599	4608	4616	4625	4633
1.8	4641	4649	4656	4664	4671	4678	4688	4693	4699	4706
1.9	4713	4719	4726	4732	4738	4744	4750	4756	4761	4767
2.0	4772	4778	4783	4788	4793	4798	4803	4808	4812	4817
2.1	4821	4826	4830	4834	4838	4842	4846	4850	4854	4857
2.2	4861	4864	4868	4871	4875	4878	4881	4884	4887	4899
2.3	4893	4896	4898	4901	4904	4906	4909	4911	4913	4936
2.4	4918	4920	4922	4925	4927	4929	4931	4932	4934	4936
2.5	4938	4940	4941	4943	4945	4946	4948	4949	4951	4952
2.6	4953	4955	4956	4957	4959	4960	4961	4962	4963	4964
2.7	4965	4966	4967	4968	4969	4970	4971	4972	4973	4974
2.8	4974	4975	4976	4977	4977	4978	4979	4979	4980	4981
2.9	4981	4382	4982	4983	4984	4984	4985	4985	4986	4986
3.0	4987	4987	4987	4988	4988	4989	4989	4989	4990	4990
3.1	4990	4991	4991	4991	4992	4992	4992	4992	4993	4993
3.2	4993	4993	4994	4994	4994	4994	4994	4995	4995	4995
3.3	4995	4995	4995	4996	4996	4996	4996	4996	4996	4997
3.4	4997	4997	4997	4997	4997	4997	4997	4997	4997	4998
3.5	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998
3.6	4998	4998	4999	4999	4999	4999	4999	4999	4999	4999
3.7	4999	4999	4999	4999	4999	4999	4999	4999	4999	4999
3.8	4999	4999	4999	4999	4999	4999	4999	4999	4999	4999
3.9	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

Sumber : Theory and Problems of Statistics, Spiegel, M.R., Ph.D., Schoum Publishing Co., New York, 1961

Nilai Kritis L untuk Uji Lilliefors

Ukuran Sampel	Taraf Nyata (α)				
	0.01	0.05	0.10	0.15	0.20
n = 4	0.417	0.381	0.352	0.319	0.300
5	0.405	0.337	0.315	0.299	0.285
6	0.364	0.319	0.294	0.277	0.265
7	0.348	0.300	0.276	0.258	0.247
8	0.331	0.285	0.261	0.244	0.233
9	0.311	0.271	0.249	0.233	0.223
10	0.294	0.258	0.239	0.224	0.215
11	0.284	0.249	0.230	0.217	0.206
12	0.275	0.242	0.223	0.212	0.199
13	0.268	0.234	0.214	0.202	0.190
14	0.261	0.227	0.207	0.194	0.183
15	0.257	0.220	0.201	0.187	0.177
16	0.250	0.213	0.195	0.182	0.173
17	0.245	0.206	0.189	0.177	0.169
18	0.239	0.200	0.184	0.173	0.166
19	0.235	0.195	0.179	0.169	0.163
20	0.231	0.190	0.174	0.166	0.160
25	0.200	0.173	0.158	0.147	0.142
30	0.187	0.161	0.144	0.136	0.131
n > 30	1.031	0.886	0.805	0.768	0.736
	\sqrt{n}	\sqrt{n}	\sqrt{n}	\sqrt{n}	\sqrt{n}

Sumber : Conover, W.J., *Practical Nonparametric Statistics*, John Wiley & Sons, Inc., 1973

PERHITUNGAN UJI HOMOGENITAS

1. Menentukan F_{hitung}

$$\begin{aligned} F_{hitung} &= \frac{\text{Varians Terbesar}}{\text{Varians Terkecil}} \\ &= \frac{0,28}{0,19} \\ &= 1,452 \end{aligned}$$

2. Menentukan F_{tabel}

$$\begin{aligned} F_{tabel} &= F_{\frac{1}{2} \alpha} (n_1 - 1, n_2 - 1) \\ &= 0,05 (64 ; 64) \\ &= 1,515 \end{aligned}$$

3. Hipotesis Statistika :

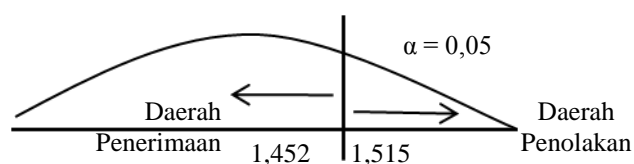
- H_0 = Data Homogen
- H_1 = Data tidak Homogen

4. Kriteria Pengujian :

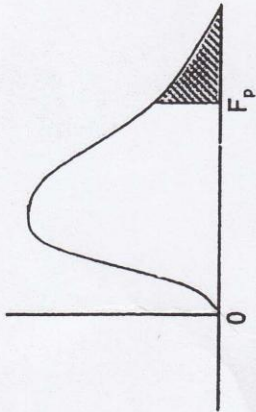
- Terima H_0 , jika $F_{hitung} < F_{tabel}$, artinya data homogen
- Tolak H_0 , jika $F_{hitung} > F_{tabel}$, artinya data tidak homogen

5. Kesimpulan

$F_{hitung} = 1,452$ dan $F_{tabel} = 1,515$. Dengan demikian, $F_{hitung} < F_{tabel}$, maka H_0 diterima, dan dapat disimpulkan bahwa data bersifat homogen.



Nilai Persentil untuk Distribusi F
(Bilangan dalam Badan Daftar menyatakan F_p ;
Baris atas untuk $p = 0,05$ dan Baris bawah untuk $p = 0,01$)



$v_2 = dk$ penyebut	$v_1 = dk$ pembilang																							
	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	30	40	50	75	100	200	500	∞
1	161	200	216	225	230	234	237	239	241	242	243	244	245	246	248	249	250	251	252	253	253	254	254	254
	4052	4999	5403	5625	5764	5859	5928	5981	6022	6056	6082	6106	6142	6169	6208	6234	6258	6286	6302	6323	6334	6352	6361	6366
2	18.51	19.00	19.16	19.25	19.30	19.33	19.36	19.37	19.38	19.39	19.40	19.41	19.42	19.43	19.44	19.45	19.46	19.47	19.47	19.48	19.49	19.49	19.50	19.50
	98.49	99.01	99.17	99.25	99.30	99.33	99.34	99.36	99.38	99.40	99.41	99.42	99.43	99.44	99.45	99.46	99.47	99.48	99.48	99.49	99.49	99.49	99.50	99.50
3	10.13	9.55	9.28	9.12	9.01	8.94	8.88	8.84	8.81	8.78	8.76	8.74	8.71	8.69	8.66	8.64	8.62	8.60	8.58	8.57	8.56	8.54	8.54	8.53
	34.12	30.81	29.46	28.71	28.24	27.91	27.67	27.49	27.34	27.23	27.13	27.05	26.92	26.83	26.69	26.60	26.50	26.41	26.30	26.27	26.23	26.18	26.14	26.12
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.93	5.91	5.87	5.84	5.80	5.77	5.74	5.71	5.70	5.68	5.66	5.65	5.64	5.63
	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.54	14.45	14.37	14.24	14.15	14.02	13.93	13.83	13.74	13.69	13.61	13.57	13.52	13.48	13.46
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.78	4.74	4.70	4.68	4.64	4.60	4.56	4.53	4.50	4.46	4.44	4.42	4.40	4.38	4.37	4.36
	16.26	13.27	12.06	11.39	10.97	10.67	10.45	10.27	10.15	10.05	9.96	9.89	9.77	9.68	9.55	9.47	9.38	9.29	9.24	9.17	9.13	9.07	9.04	9.02
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.96	3.92	3.87	3.81	3.81	3.77	3.75	3.72	3.71	3.69	3.68	3.67
	13.74	10.92	9.78	9.15	8.75	8.47	8.26	8.10	7.98	7.87	7.79	7.72	7.60	7.52	7.39	7.31	7.23	7.14	7.09	7.02	6.99	6.94	6.90	6.88
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.63	3.60	3.57	3.52	3.49	3.44	3.41	3.38	3.34	3.32	3.29	3.28	3.25	3.24	3.23
	12.25	9.55	8.45	7.85	7.46	7.19	7.00	6.81	6.71	6.62	6.54	6.47	6.35	6.27	6.15	6.07	5.98	5.90	5.85	5.78	5.75	5.70	5.67	5.65
8	5.32	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.63	3.60	3.57	3.52	3.49	3.44	3.41	3.38	3.34	3.32	3.29	3.28	3.25	3.24	3.23
	11.26	8.65	7.59	7.01	6.63	6.37	6.19	6.03	5.91	5.82	5.74	5.67	5.56	5.48	5.36	5.28	5.20	5.11	5.06	4.96	4.91	4.88	4.86	
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.13	3.10	3.07	3.02	2.98	2.93	2.90	2.86	2.82	2.80	2.77	2.76	2.73	2.72	2.71
	10.56	8.02	6.99	6.42	6.06	5.80	5.62	5.47	5.35	5.26	5.18	5.11	5.00	4.92	4.80	4.73	4.64	4.56	4.51	4.45	4.41	4.36	4.33	4.31
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.97	2.94	2.91	2.86	2.82	2.77	2.74	2.70	2.67	2.64	2.61	2.59	2.56	2.54	2.54
	10.04	7.56	6.55	5.99	5.64	5.39	5.21	5.06	4.95	4.85	4.78	4.71	4.60	4.52	4.41	4.33	4.25	4.17	4.12	4.05	4.01	3.96	3.93	3.91

Lanjutan Distribusi F

$v_2 = dk$ penyebut	$v_1 = dk$ pembilang																							
	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	30	40	50	75	100	200	500	∞
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.86	2.82	2.79	2.74	2.70	2.65	2.61	2.57	2.53	2.50	2.47	2.45	2.42	2.41	2.40
	9.65	7.20	6.22	5.67	5.32	5.07	4.88	4.74	4.63	4.54	4.46	4.40	4.29	4.21	4.10	4.02	3.94	3.86	3.80	3.74	3.70	3.66	3.62	3.60
12	4.75	3.88	3.49	3.26	3.11	3.00	2.92	2.85	2.80	2.76	2.72	2.69	2.64	2.60	2.54	2.50	2.46	2.42	2.40	2.36	2.35	2.32	2.31	2.30
	9.33	6.93	5.95	5.41	5.06	4.82	4.65	4.50	4.39	4.30	4.22	4.16	4.05	3.98	3.86	3.78	3.70	3.61	3.56	3.49	3.46	3.41	3.38	3.36
13	4.67	3.80	3.41	3.18	3.02	2.92	2.84	2.77	2.72	2.67	2.63	2.60	2.55	2.51	2.46	2.42	2.38	2.34	2.32	2.28	2.26	2.24	2.23	2.21
	9.07	6.70	5.74	5.20	4.86	4.62	4.44	4.30	4.19	4.10	4.02	3.96	3.85	3.78	3.67	3.59	3.51	3.42	3.37	3.30	3.27	3.21	3.18	3.16
14	4.67	3.80	3.41	3.18	3.02	2.92	2.84	2.77	2.72	2.67	2.63	2.60	2.55	2.51	2.46	2.42	2.38	2.34	2.32	2.28	2.26	2.24	2.22	2.21
	8.86	6.51	5.56	5.03	4.69	4.46	4.28	4.14	4.03	3.94	3.86	3.80	3.70	3.62	3.51	3.43	3.34	3.26	3.21	3.14	3.11	3.06	3.02	3.00
15	4.54	3.68	3.29	3.06	2.90	2.79	2.70	2.64	2.59	2.55	2.51	2.48	2.43	2.39	2.33	2.29	2.25	2.21	2.18	2.15	2.12	2.10	2.06	2.07
	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4.00	3.89	3.80	3.73	3.67	3.56	3.48	3.36	3.29	3.20	3.12	3.07	3.00	2.97	2.92	2.89	2.87
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.45	2.42	2.37	2.33	2.28	2.24	2.20	2.16	2.13	2.09	2.07	2.04	2.02	2.01
	8.53	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78	3.69	3.61	3.55	3.45	3.37	3.25	3.18	3.10	3.01	2.96	2.89	2.86	2.80	2.77	2.75
17	4.45	3.56	3.20	2.96	2.81	2.70	2.62	2.55	2.50	2.45	2.41	2.38	2.33	2.29	2.23	2.19	2.15	2.11	2.08	2.04	2.02	1.99	1.97	1.96
	8.40	6.11	5.18	4.67	4.34	4.10	3.93	3.79	3.68	3.59	3.52	3.45	3.35	3.27	3.16	3.08	3.00	2.92	2.86	2.79	2.76	2.70	2.67	2.65
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.29	2.25	2.19	2.15	2.11	2.07	2.04	2.00	1.96	1.94	1.91	1.90
	8.28	6.01	5.09	4.58	4.25	4.01	3.85	3.71	3.60	3.51	3.44	3.37	3.27	3.19	3.07	3.00	2.91	2.83	2.78	2.71	2.68	2.62	2.59	2.57
19	4.38	3.52	3.13	2.90	2.74	2.63	2.55	2.48	2.43	2.38	2.34	2.31	2.26	2.21	2.15	2.11	2.07	2.02	2.00	1.96	1.94	1.91	1.90	1.88
	8.18	5.93	5.01	4.50	4.17	3.94	3.77	3.63	3.52	3.43	3.36	3.30	3.19	3.12	3.00	2.92	2.84	2.76	2.70	2.63	2.60	2.54	2.51	2.49
20	4.35	3.49	3.10	2.87	2.71	2.60	2.52	2.45	2.40	2.35	2.31	2.26	2.23	2.18	2.12	2.08	2.08	1.99	1.96	1.92	1.90	1.87	1.85	1.84
	8.10	5.85	4.94	4.43	4.10	3.87	3.71	3.56	3.45	3.37	3.30	3.23	3.13	3.05	2.94	2.86	2.77	2.69	2.63	2.56	2.53	2.47	2.44	2.42
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.20	2.15	2.09	2.05	2.00	1.96	1.93	1.89	1.87	1.84	1.82	1.81
	8.02	5.78	4.87	4.37	4.04	3.81	3.65	3.51	3.40	3.31	3.24	3.17	3.07	2.99	2.88	2.80	2.72	2.63	2.58	2.51	2.47	2.42	2.38	2.36
22	4.30	3.44	3.05	2.82	2.66	2.55	2.47	2.40	2.35	2.30	2.26	2.23	2.18	2.13	2.07	2.03	1.98	1.93	1.91	1.87	1.84	1.81	1.80	1.78
	7.94	5.72	4.82	4.31	3.99	3.76	3.59	3.45	3.35	3.26	3.18	3.12	3.02	2.94	2.83	2.75	2.67	2.58	2.53	2.46	2.42	2.37	2.33	2.31
23	4.28	3.42	3.03	2.80	2.64	2.53	2.45	2.38	2.32	2.28	2.24	2.20	2.14	2.10	2.04	2.00	1.96	1.91	1.88	1.84	1.82	1.79	1.77	1.76
	7.88	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30	3.21	3.14	3.07	2.97	2.89	2.78	2.70	2.62	2.53	2.48	2.41	2.37	2.32	2.28	2.26
24	4.26	3.40	3.01	2.78	2.62	2.51	2.43	2.36	2.30	2.26	2.22	2.18	2.13	2.09	2.02	1.98	1.94	1.89	1.86	1.82	1.80	1.76	1.74	1.73
	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.36	3.25	3.17	3.09	3.03	2.93	2.85	2.74	2.66	2.58	2.49	2.44	2.36	2.33	2.27	2.23	2.21
25	4.24	3.38	2.99	2.76	2.60	2.49	2.41	2.34	2.28	2.24	2.20	2.16	2.11	2.06	2.00	1.96	1.92	1.87	1.84	1.80	1.77	1.74	1.72	1.71
	7.77	5.57	4.68	4.18	3.86	3.63	3.46	3.32	3.21	3.13	3.05	2.99	2.89	2.81	2.70	2.62	2.54	2.45	2.40	2.32	2.29	2.23	2.19	2.17

Lanjutan Distribusi F

$v_2 = dk$ penyebut	$v_1 = dk$ pembilang																							
	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	30	40	50	75	100	200	500	∞
26	4.22	3.37	2.89	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.10	2.05	1.99	1.95	1.90	1.85	1.82	1.78	1.76	1.72	1.70	1.69
	7.72	5.53	4.84	4.14	3.82	3.59	3.42	3.29	3.17	3.09	3.02	2.96	2.86	2.77	2.66	2.58	2.50	2.41	2.36	2.28	2.25	2.19	2.15	2.13
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.30	2.25	2.20	2.16	2.13	2.08	2.03	1.97	1.93	1.88	1.84	1.80	1.76	1.74	1.71	1.68	1.67
	7.68	5.49	4.60	4.11	3.79	3.56	3.39	3.26	3.14	3.06	2.98	2.93	2.83	2.74	2.63	2.55	2.47	2.38	2.33	2.25	2.21	2.16	2.12	2.10
28	4.20	3.34	2.95	2.71	2.56	2.44	2.36	2.29	3.24	2.19	2.15	2.12	2.06	2.02	1.96	1.91	1.87	1.81	1.78	1.75	1.72	1.69	1.67	1.65
	7.64	5.45	4.57	4.07	3.76	3.53	3.36	3.23	3.11	3.03	2.95	2.90	2.80	2.71	2.60	2.52	2.44	2.35	2.30	2.22	2.18	2.13	2.09	2.06
29	4.18	3.33	2.93	2.70	2.54	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.05	2.00	1.94	1.90	1.85	1.80	1.77	1.73	1.71	1.68	1.65	1.64
	7.60	5.52	4.54	4.04	3.73	3.50	3.33	3.20	3.08	3.00	2.92	2.87	2.77	2.68	2.57	2.49	2.41	2.32	2.27	2.19	2.15	2.10	2.06	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.34	2.27	2.21	2.16	2.12	2.09	2.04	1.99	1.93	1.89	1.84	1.79	1.76	1.72	1.69	1.66	1.64	1.62
	7.56	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.06	2.98	2.90	2.84	2.74	2.66	2.55	2.47	2.38	2.29	2.24	2.16	2.13	2.07	2.03	2.01
32	4.15	3.30	2.90	2.67	2.51	2.40	2.32	2.25	2.19	2.14	2.10	2.07	2.02	1.97	1.91	1.86	1.82	1.76	1.74	1.69	1.67	1.64	1.61	1.59
	7.50	5.34	4.46	3.97	3.66	3.42	3.25	3.12	3.01	2.94	2.86	2.80	2.70	2.62	2.51	2.42	2.34	2.25	2.20	2.12	2.08	2.02	1.98	1.96
34	4.13	3.28	2.88	2.65	2.49	2.38	2.30	2.23	2.17	2.12	2.08	2.05	2.00	1.95	1.89	1.84	1.80	1.74	1.71	1.67	1.64	1.61	1.59	1.57
	7.44	5.29	4.42	3.93	3.61	3.38	3.21	3.08	2.97	2.89	2.82	2.76	2.66	2.58	2.47	2.38	2.30	2.21	2.15	2.08	2.04	1.98	1.94	1.91
36	4.11	3.26	2.80	2.63	2.48	2.36	2.28	2.21	2.15	2.10	2.06	2.03	1.99	1.93	1.87	1.82	1.78	1.72	1.69	1.65	1.62	1.59	1.56	1.55
	7.39	5.25	4.38	3.89	3.58	3.35	3.18	3.04	2.94	2.86	2.78	2.72	2.62	2.54	2.43	2.35	2.26	2.17	2.12	2.04	2.00	1.94	1.90	1.87
38	4.10	3.25	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.96	1.92	1.85	1.80	1.76	1.71	1.67	1.63	1.60	1.57	1.54	1.53
	7.35	5.21	4.34	3.86	3.54	3.32	3.15	3.02	2.91	2.82	2.75	2.69	2.59	2.51	2.40	2.32	2.22	2.14	2.08	2.00	1.97	1.90	1.86	1.84
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.07	2.04	2.00	1.95	1.90	1.84	1.79	1.74	1.69	1.66	1.61	1.59	1.55	1.53	1.51
	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.88	2.80	2.73	2.66	2.56	2.48	2.37	2.29	2.20	2.11	2.05	1.97	1.94	1.88	1.84	1.81
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.02	1.99	1.94	1.89	1.82	1.78	1.73	1.68	1.64	1.60	1.57	1.54	1.51	1.49
	7.27	5.15	4.29	3.80	3.49	3.26	3.10	2.96	2.86	2.77	2.70	2.64	2.54	2.46	2.35	2.26	2.17	2.08	2.02	1.94	1.91	1.85	1.80	1.78
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.92	1.88	1.81	1.76	1.72	1.66	1.63	1.58	1.56	1.52	1.50	1.48
	7.24	5.12	4.26	3.78	3.46	3.24	3.07	2.94	2.84	2.75	2.68	2.62	2.52	2.44	2.32	2.24	2.15	2.06	2.00	1.92	1.88	1.82	1.78	1.75
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.14	2.09	2.04	2.00	1.97	1.91	1.87	1.80	1.75	1.71	1.65	1.62	1.57	1.54	1.51	1.48	1.46
	7.21	5.10	4.24	3.76	3.44	3.22	3.05	2.92	2.82	2.73	2.66	2.60	2.50	2.42	2.30	2.22	2.13	2.04	1.98	1.90	1.86	1.80	1.76	1.72
48	4.04	3.19	2.80	2.56	2.41	2.30	2.21	2.14	2.08	2.03	1.99	1.96	1.90	1.86	1.79	1.74	1.70	1.64	1.61	1.56	1.53	1.50	1.47	1.45
	7.19	5.08	4.22	3.74	3.42	3.20	3.04	2.90	2.80	2.71	2.64	2.58	2.48	2.40	2.28	2.20	2.11	2.02	1.96	1.88	1.84	1.78	1.73	1.70
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.02	1.98	1.95	1.90	1.85	1.78	1.74	1.69	1.63	1.60	1.55	1.52	1.48	1.46	1.44

Lanjutan Distribusi F

$v_2 = dk$ penyebut	$v_1 = dk$ pembilang																							
	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	30	40	50	75	100	200	500	∞
55	7.17	5.06	4.20	3.72	3.44	3.18	3.02	2.88	2.78	2.70	2.62	2.58	2.16	2.39	2.26	2.18	2.10	2.00	1.91	1.86	1.82	1.76	1.71	1.68
60	4.02	3.17	2.78	2.51	3.38	2.27	2.18	2.11	2.05	2.00	1.97	1.93	1.88	1.83	1.76	1.72	1.67	1.61	1.58	1.52	1.50	1.46	1.43	1.41
65	7.12	5.01	4.16	3.68	3.37	3.15	2.98	2.85	2.75	2.66	2.59	2.53	2.43	2.35	2.23	2.15	2.00	1.96	1.90	1.82	1.78	1.71	1.66	1.64
70	4.00	3.15	2.76	2.52	2.37	2.25	2.17	2.10	2.01	1.99	1.95	1.92	1.86	1.81	1.75	1.70	1.65	1.59	1.56	1.50	1.48	1.44	1.41	1.39
80	7.08	4.98	4.13	3.63	3.31	3.12	2.95	2.82	2.72	2.03	2.36	2.30	2.10	2.32	2.20	2.12	2.03	1.93	1.87	1.79	1.71	1.68	1.63	1.60
100	3.99	3.14	2.75	2.51	2.36	2.21	2.15	2.08	2.02	1.98	1.91	1.90	1.85	1.80	1.73	1.68	1.63	1.57	1.51	1.49	1.46	1.42	1.39	1.37
125	7.01	4.95	4.10	3.62	3.31	3.08	2.93	2.79	2.70	2.61	2.51	2.47	2.37	2.30	2.18	2.09	2.00	1.90	1.81	1.76	1.71	1.61	1.60	1.56
150	3.98	3.13	2.74	2.50	2.35	2.32	2.11	2.07	2.01	1.97	1.93	1.89	1.81	1.79	1.72	1.67	1.62	1.56	1.53	1.47	1.45	1.40	1.37	1.35
200	7.01	4.92	4.08	3.60	3.29	3.07	2.91	2.77	2.67	2.59	2.51	2.45	2.35	2.28	2.15	2.07	1.98	1.88	1.82	1.74	1.69	1.63	1.56	1.53
400	3.96	3.11	2.72	2.18	2.33	2.21	2.12	2.05	1.99	1.95	1.91	1.88	1.82	1.77	1.70	1.65	1.60	1.51	1.51	1.45	1.42	1.38	1.35	1.32
1000	6.96	4.86	4.04	3.58	3.25	3.01	2.87	2.71	2.61	2.55	2.18	2.11	2.32	2.21	2.11	2.03	1.94	1.84	1.78	1.70	1.65	1.57	1.52	1.49
∞	3.91	3.09	2.70	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.79	1.75	1.68	1.63	1.57	1.51	1.47	1.44	1.37	1.34	1.29	1.25
	6.90	4.82	3.98	3.51	3.20	2.99	2.82	2.69	2.59	2.51	2.13	2.36	2.26	2.19	2.06	1.98	1.89	1.79	1.73	1.64	1.59	1.51	1.46	1.43
	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.77	1.72	1.65	1.60	1.55	1.49	1.45	1.39	1.36	1.31	1.27	1.25
	6.81	4.78	3.94	3.17	3.17	2.95	2.79	2.65	2.56	2.17	2.40	2.33	2.23	2.15	2.03	1.94	1.85	1.75	1.68	1.59	1.54	1.46	1.40	1.37
	3.91	3.06	2.67	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.76	1.71	1.64	1.59	1.51	1.47	1.44	1.37	1.34	1.29	1.25	1.22
	6.81	4.75	3.91	3.14	3.13	2.92	2.76	2.62	2.53	2.44	2.37	2.30	2.20	2.12	2.00	1.91	1.83	1.72	1.66	1.56	1.51	1.43	1.37	1.33
	3.86	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.74	1.69	1.62	1.57	1.52	1.45	1.42	1.35	1.32	1.26	1.22	1.19
	6.79	4.74	3.88	3.41	3.11	2.90	2.73	2.60	2.50	2.41	2.34	2.28	2.17	2.09	1.97	1.88	1.79	1.69	1.62	1.53	1.48	1.39	1.33	1.28
	3.86	3.02	2.62	2.39	2.23	2.12	2.03	1.96	1.90	1.85	1.81	1.78	1.72	1.67	1.60	1.54	1.49	1.42	1.38	1.32	1.28	1.22	1.16	1.13
	6.70	4.66	3.83	3.36	3.06	2.85	2.69	2.55	2.46	2.37	2.29	2.23	2.12	2.04	1.92	1.84	1.74	1.64	1.57	1.47	1.42	1.32	1.24	1.19
	3.85	3.00	2.61	2.38	2.22	2.10	2.02	1.95	1.89	1.84	1.80	1.76	1.70	1.65	1.58	1.53	1.47	1.41	1.36	1.30	1.26	1.19	1.13	1.08
	6.68	1.62	3.80	3.34	3.04	2.82	2.66	2.53	2.13	2.34	2.26	2.20	2.09	2.01	1.89	1.81	1.71	1.61	1.54	1.44	1.38	1.28	1.19	1.11
	3.84	2.99	2.60	2.37	2.21	2.09	2.01	1.94	1.88	1.83	1.79	1.75	1.69	1.64	1.57	1.52	1.46	1.40	1.35	1.28	1.24	1.17	1.11	1.00
	6.64	4.60	3.78	3.32	3.02	2.80	2.64	2.51	2.41	2.32	2.24	2.18	2.07	1.99	1.87	1.79	1.69	1.59	1.52	1.41	1.36	1.25	1.15	1.00

Sumber : Elementary Statistics, Hoel, P.G., John Wiley & Sons, Inc., New York, 1960
izin Khusus pada penulis

No.	Responden	Sebelum Bimbingan Tes	Sesudah Bimbingan Tes	d	d ²
1	Evi Karinah	7.25	8.11	0.86	0.74
2	Maria Ulfa	7.25	8.28	1.03	1.06
3	Erlin Andiawati	7.29	8.16	0.87	0.75
4	Cahyani	7.30	8.29	0.99	0.97
5	Silfia	7.55	9.26	1.71	2.92
6	Hevi Susilah	7.57	8.14	0.57	0.33
7	Muhammad Ismail	7.58	8.89	1.31	1.71
8	Nurul Syahidahdiyahudin	7.62	8.98	1.37	1.86
9	Mitra Santoso	7.63	8.38	0.75	0.56
10	Diana Indriani	7.65	8.00	0.35	0.12
11	Poppy Purnama N.	7.73	9.25	1.53	2.33
12	Elsa Yuliani	7.80	9.39	1.59	2.52
13	Emy Imas Rahayu	7.80	9.32	1.52	2.31
14	Pebriyanti	7.80	9.49	1.69	2.87
15	Fitri Jayanti	7.90	8.12	0.22	0.05
16	Nurmalisa	7.91	8.92	1.01	1.02
17	Hanifah Dwi Jayanti	7.93	8.07	0.14	0.02
18	Wiwit Noviyanti	7.95	8.66	0.71	0.51
19	Indri Miranti	7.97	8.68	0.71	0.51
20	Fauziyah	7.98	8.97	0.99	0.99
21	Hendri Fardli	8.00	8.01	0.01	0.00
22	Yulia Ade Rahmah	8.05	8.52	0.47	0.22
23	Syafni Meylinda	8.08	8.44	0.36	0.13
24	Vinny Oktaviany	8.09	8.10	0.01	0.00
25	Sudarsi	8.11	8.75	0.64	0.41
26	Nur Syahbani	8.15	9.11	0.96	0.92
27	Ria Amalia Saputri	8.20	9.42	1.23	1.50
28	Anis Marsella	8.20	9.12	0.92	0.85
29	Irma Fitriana	8.20	9.05	0.85	0.73
30	Vera Christina	8.21	8.35	0.14	0.02
31	Anis Wulandari	8.25	8.67	0.42	0.18
32	Nur Fajar	8.25	9.24	0.99	0.99
33	Putri Emilia	8.25	9.35	1.10	1.21
34	Feby Noer Fauziyah	8.27	8.70	0.43	0.19
35	Sarah Fauzia	8.27	9.09	0.82	0.67
36	Nurhestichomah	8.29	9.14	0.85	0.73
37	Wulandari	8.33	9.15	0.82	0.67
38	Dini Wulandari	8.34	9.42	1.08	1.16
39	Merrybedh Novellika	8.37	9.15	0.78	0.60
40	Tiara Aprianca	8.40	9.46	1.06	1.13
41	Linawati	8.41	9.35	0.94	0.88
42	Nurul Ismi Zahrida	8.41	9.49	1.08	1.16
43	Desy Dwi Lestari	8.42	9.40	0.98	0.96
44	Fitria	8.42	8.57	0.15	0.02
45	Dita Aryani	8.44	9.41	0.97	0.93
46	Kia Rukayah	8.45	9.50	1.05	1.10
47	Uswatun Hasanah	8.45	9.68	1.24	1.54
48	Dwi Susilowati	8.50	9.44	0.94	0.88
49	Nani Setianingsih	8.50	9.60	1.10	1.21
50	Sri Hartati	8.50	9.70	1.20	1.45
51	Devi Fitriyaningsih	8.53	9.54	1.01	1.02
52	Dina Rasela	8.55	9.30	0.75	0.56
53	Iriana Rohmah	8.55	9.25	0.70	0.49
54	Laeli Nur Azizah	8.55	9.74	1.19	1.42
55	Mayasari	8.55	9.09	0.54	0.29
56	Rantina	8.55	9.39	0.84	0.71
57	Rina Setiawati	8.55	9.70	1.15	1.32
58	Yhuni Kartika Sari	8.55	9.70	1.15	1.32
59	Afifah	8.57	9.00	0.43	0.19
60	Siti Sulastri	8.64	8.64	0.00	0.00
61	Sri Wahyuningsih	8.77	8.77	0.00	0.00
62	Fatimah Tuzahroh	8.85	9.42	0.57	0.33
63	Teny Haryati	8.90	9.83	0.93	0.87
64	Septiana Budiarti	9.25	9.72	0.47	0.22
65	Ade Sintya Lindora	9.27	9.84	0.57	0.33
	Σ	532.86	586.70	53.84	55.66
	Mean	8.20	9.03	0.828	0.856

Standar Deviasi Gabungan

$$\begin{aligned}
 S_{gab} &= \sqrt{\frac{\sum d^2 - \frac{(\sum d)^2}{n}}{n-1}} \\
 &= \sqrt{\frac{55,66 - \frac{(53,84)^2}{65}}{65-1}} \\
 &= \sqrt{\frac{55,66 - \frac{2898,42}{65}}{64}} \\
 &= \sqrt{\frac{55,66 - 44,59}{64}} \\
 &= \sqrt{\frac{11,0708}{64}} \\
 &= \sqrt{0,1730} \\
 &= \underline{0.4159}
 \end{aligned}$$

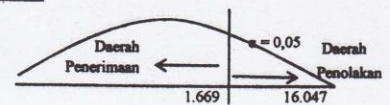
Uji t Berpasangan

$$\begin{aligned}
 t &= \frac{\bar{d}}{S_{gab} / \sqrt{n}} \\
 &= \frac{0,828}{0,4159 / \sqrt{65}} \\
 &= \frac{0,828}{0,4159/8,0626} \\
 &= \frac{0,828}{0,0516} \\
 &= \underline{16.047}
 \end{aligned}$$

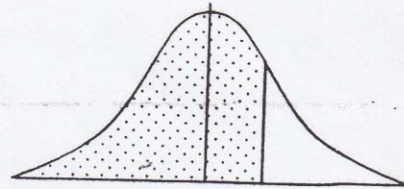
Berdasarkan perhitungan di atas, dapat diketahui nilai t_{hitung} terbesar = 16,047

t_{tabel} untuk N = 65 dengan taraf signifikan 0,05 adalah 1,669. Maka $t_{hitung} > t_{tabel}$.

Dengan demikian, dapat disimpulkan bahwa data di atas signifikan berbeda.



Nilai Persentil untuk Distribusi t
 $v = dk$
 (Bilangan Dalam Badan Daftar Menyatakan t_p)



v	$t_{0,995}$	$t_{0,99}$	$t_{0,975}$	$t_{0,95}$	$t_{0,90}$	$t_{0,80}$	$t_{0,75}$	$t_{0,70}$	$t_{0,60}$	$t_{0,55}$
1	63.66	31.82	12.71	6.31	3.08	1.376	1.000	0.727	0.325	0.518
2	9.92	6.96	4.30	2.92	1.89	1.061	0.816	0.617	0.289	0.142
3	5.84	4.54	3.18	2.35	1.64	0.978	0.765	0.584	0.277	0.137
4	4.60	3.75	2.78	2.13	1.53	0.941	0.744	0.569	0.271	0.134
5	4.03	3.36	2.57	2.02	1.48	0.920	0.727	0.559	0.267	0.132
6	3.71	3.14	2.45	1.94	1.44	0.906	0.718	0.553	0.265	0.131
7	3.50	3.00	2.36	1.90	1.42	0.896	0.711	0.519	0.263	0.130
8	3.36	2.90	2.31	1.86	1.40	0.889	0.706	0.516	0.262	0.130
9	3.25	2.82	2.26	1.83	1.38	0.883	0.703	0.513	0.261	0.129
10	3.17	2.76	2.23	1.81	1.37	0.879	0.700	0.542	0.260	0.129
11	3.11	2.72	2.20	1.80	1.36	0.876	0.697	0.540	0.260	0.129
12	3.06	2.68	2.18	1.78	1.36	0.873	0.695	0.539	0.259	0.128
13	3.01	2.65	2.16	1.77	1.35	0.870	0.694	0.538	0.259	0.128
14	2.98	2.62	2.14	1.76	1.34	0.888	0.692	0.537	0.258	0.128
15	2.95	2.60	2.13	1.75	1.34	0.866	0.691	0.536	0.258	0.128
16	2.92	2.58	2.12	1.75	1.34	0.865	0.690	0.535	0.258	0.128
17	2.90	2.57	2.11	1.74	1.33	0.863	0.890	0.534	0.257	0.128
18	2.88	2.55	2.10	1.73	1.33	0.862	0.688	0.534	0.257	0.127
19	2.86	2.54	2.09	1.73	1.33	0.861	0.688	0.532	0.257	0.127
20	2.84	2.53	2.09	1.72	1.32	0.860	0.687	0.533	0.257	0.127
21	0.83	2.52	2.08	1.72	1.32	0.859	0.686	0.532	0.257	0.127
22	2.82	2.51	2.07	1.72	1.32	0.858	0.686	0.532	0.256	0.127
23	2.81	2.50	2.07	1.71	1.32	0.858	0.685	0.532	0.256	0.127
24	2.80	2.49	2.06	1.71	1.32	0.857	0.685	0.531	0.256	0.127
25	2.79	2.48	2.06	1.71	1.32	0.856	0.684	0.531	0.256	0.127
26	2.78	2.48	2.06	1.71	1.32	0.856	0.684	0.531	0.256	0.127
27	2.77	2.47	2.05	1.70	1.31	0.855	0.684	0.531	0.256	0.127
28	2.76	2.47	2.05	1.70	1.31	0.855	0.683	0.530	0.256	0.127
29	2.76	2.46	2.04	1.70	1.31	0.854	0.683	0.530	0.256	0.127
30	2.75	2.46	2.04	1.70	1.31	0.854	0.683	0.530	0.256	0.127
40	2.70	2.42	2.02	1.68	1.30	0.854	0.681	0.529	0.255	0.126
60	2.66	2.39	2.00	1.67	1.30	0.848	0.679	0.527	0.254	0.126
120	2.62	2.36	1.98	1.66	1.29	0.845	0.677	0.526	0.254	0.126
∞	2.58	2.33	1.96	1.645	1.28	0.842	0.674	0.521	0.253	0.126

Sumber : Statistical Tables for Biological, Agricultural and Medical Research, Fisher, R.Y., dan Yates F
 Table III. Oliver & Boyd, Ltd., Ediaburgh