

LAMPIRAN

Lampiran 1. Hasil turnitin

ANALISIS SIDIK JARI KAYU SECANG JAWA BARAT-YULINDA
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Rachmawati Winasih, Dinata Deden Indra,
Sari Nurmala. "IDENTIFIKASI DAN ANALISIS
SIDIK JARI DAUN KATUK DARI LIMA DAERAH
DI JAWA BARAT MENGGUNAKAN
SPEKTROSKOPI FTIR DAN KEMOMETRIK",
Pharmacoscript, 2023

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Lampiran 2. Lembar kartu bimbingan

No	Tanggal	Dosen Pembimbing	Topik	Disetujui	Aksi
1	5 Februari 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	membuat logbook	✓	 
1	11 Maret 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	perkembangan penelitian	✓	 
2	3 Mei 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	kemajuan 1	✓	 
2	19 Februari 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	perkembangan penelitian	✓	 
3	30 April 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	kosul hasil penelitian	✓	 
3	9 Mei 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	unscrambler	✓	 
4	15 Mei 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	unscrambler	✓	 
4	2 Mei 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	kemajuan 1	✓	 
5	13 Juni 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	konsultasi hasil	✓	 
5	23 Mei 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	membahas data PCA	✓	 
6	13 Juni 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	kemajuan 2	✓	 
6	31 Mei 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	membahas data PCA	✓	 
7	7 Juni 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	membahas data PCA	✓	 
7	9 Juli 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	fiksasi data hasil PCA	✓	 
8	13 Juni 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	kemajuan 2	✓	 
8	11 Juli 2025	Dr. apt. FAUZAN ZEIN MUTTAQIN, M.Si.	ttd halaman persetujuan	✓	 
9	5 Juli 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	revisi draf skripsi	✓	 
10	10 Juli 2025	Dr. apt. WINASIH RACHMAWATI, M.Si.	ttd halaman persetujuan	✓	 

Lampiran 3. Proses maserasi kayu secang

(a)



(b)



(c)



(d)



(e)

(a) Bogor, (b) Purwakarta, (c) Cirebon, (d) Lembang, dan (e) Indramayu

Lampiran 4. Hasil ekstrak kental kayu secang



(a)



(b)



(b)

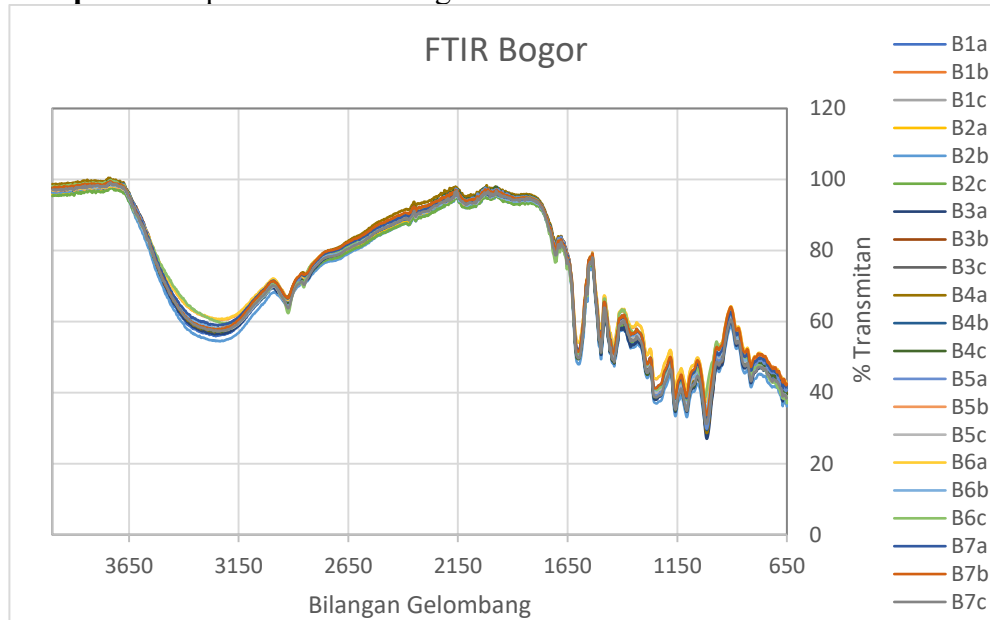
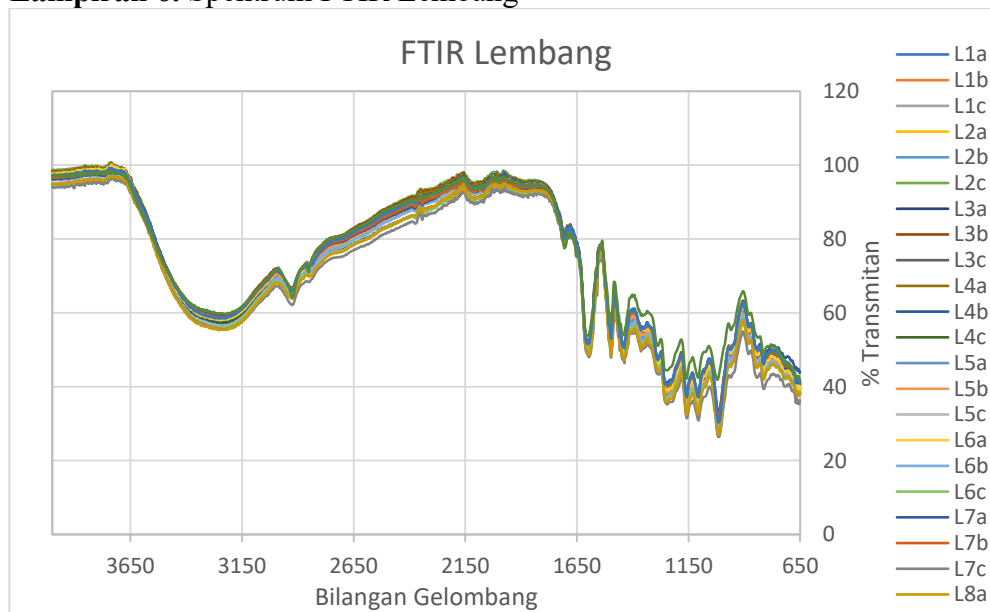


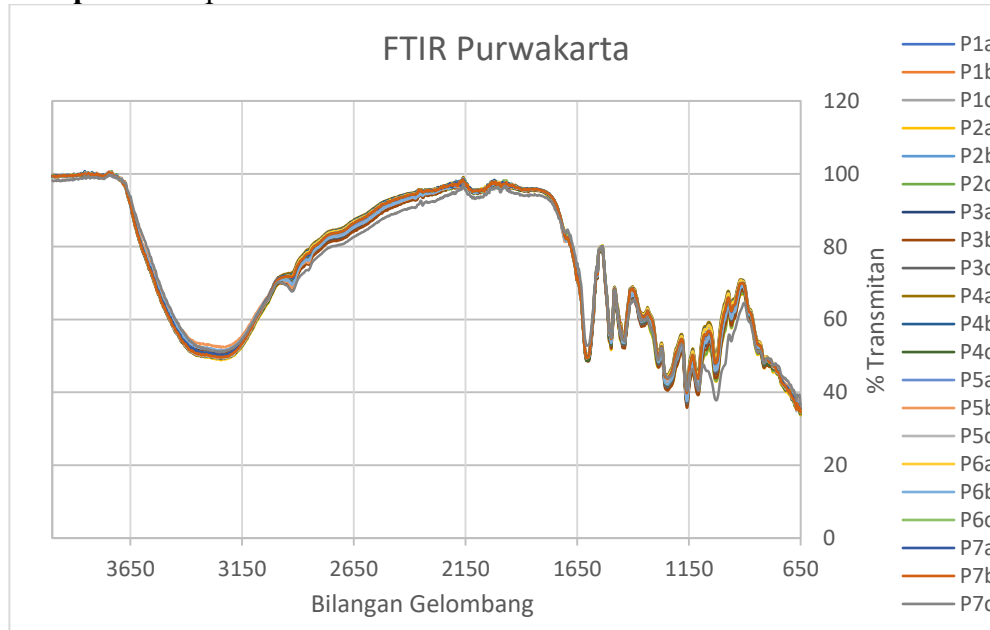
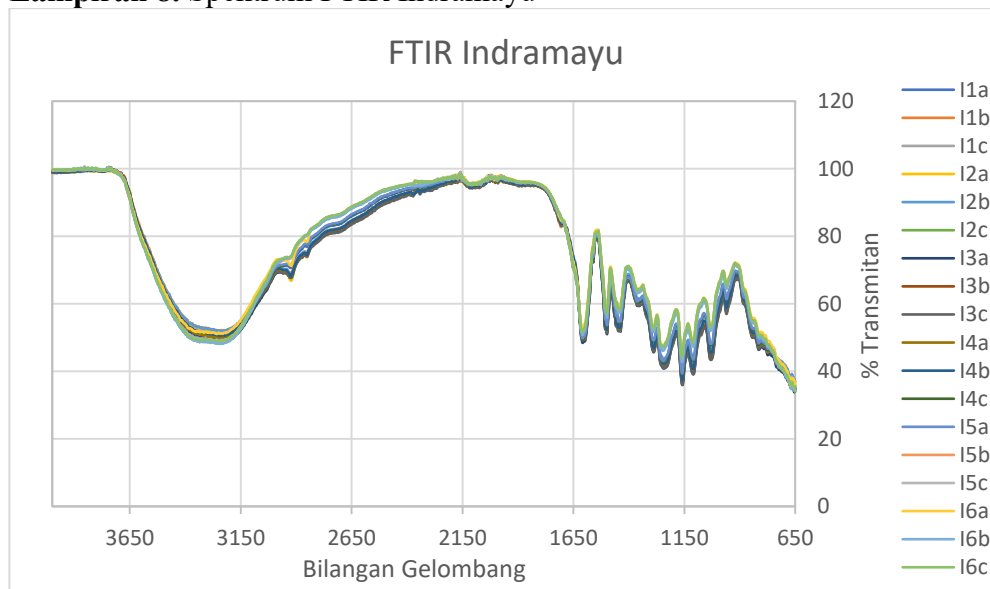
(d)



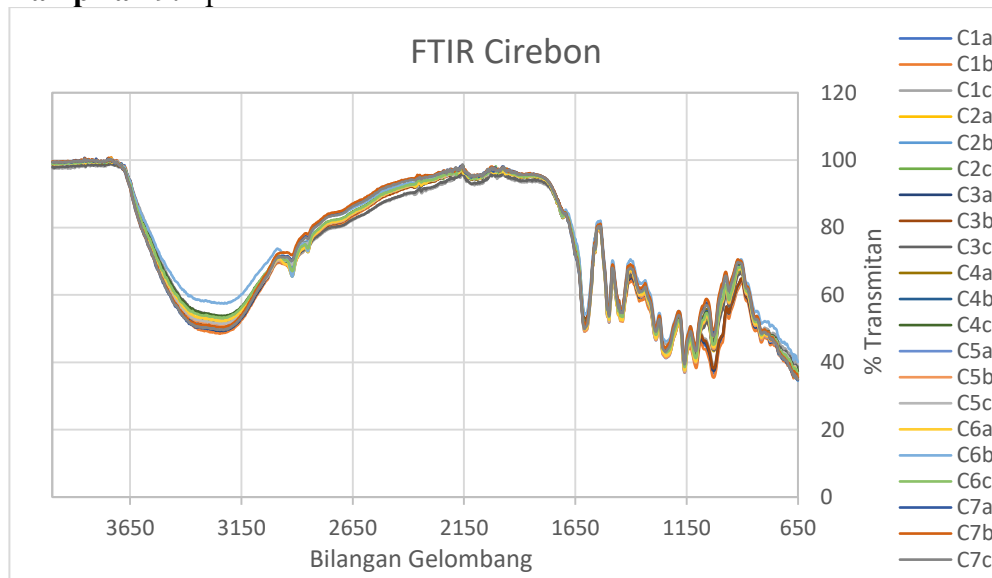
(e)

(a) Bogor, (b) Purwakarta, (c) Cirebon, (d) Lembang, dan (e) Indramayu

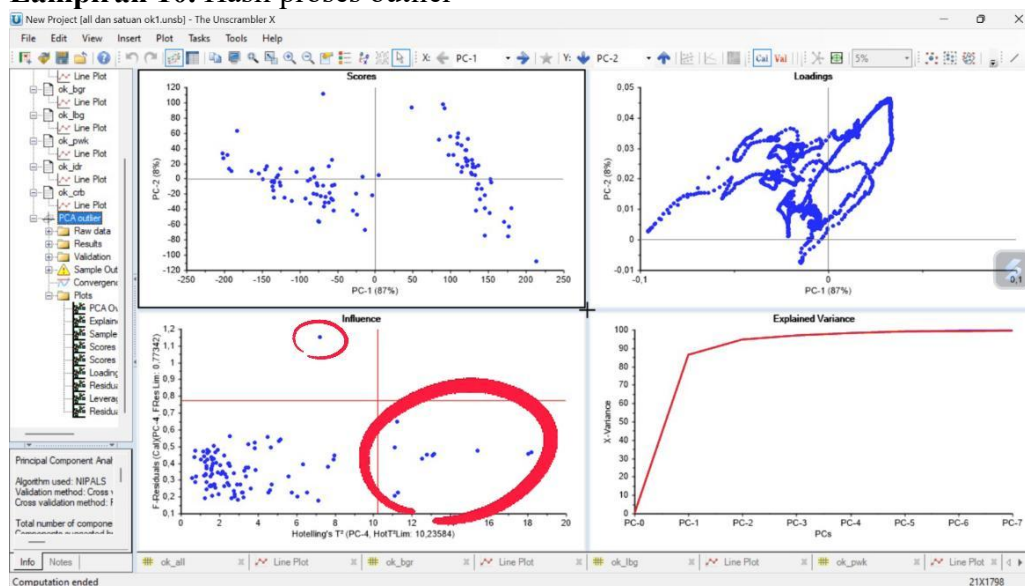
Lampiran 5. Spektrum FTIR Bogor**Lampiran 6. Spektrum FTIR Lembang**

Lampiran 7. Spektrum FTIR Purwakarta**Lampiran 8. Spektrum FTIR Indramayu**

Lampiran 9. Spektrum FTIR Cirebon

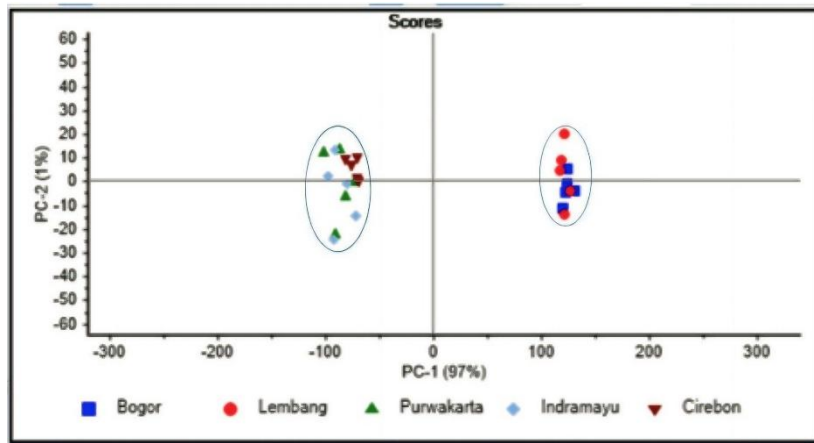


Lampiran 10. Hasil proses outlier

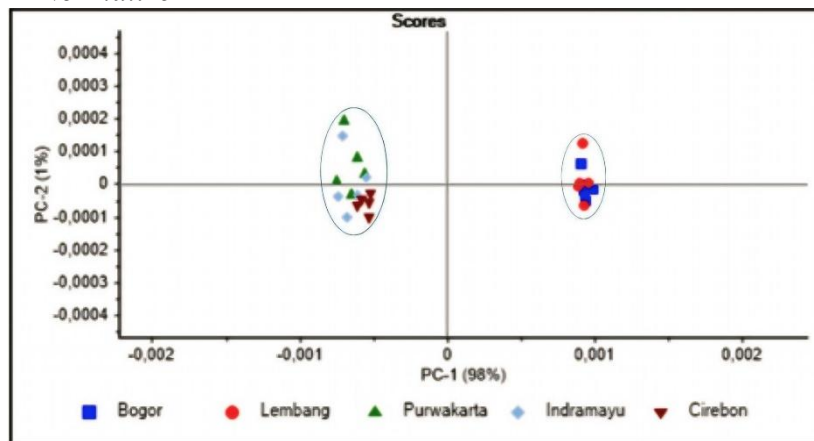


Lampiran 11. Preprocessing PCA

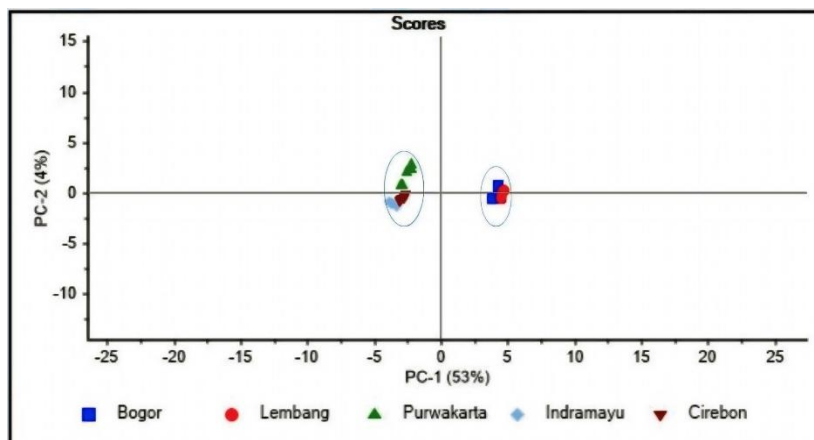
1. *Smoothing*



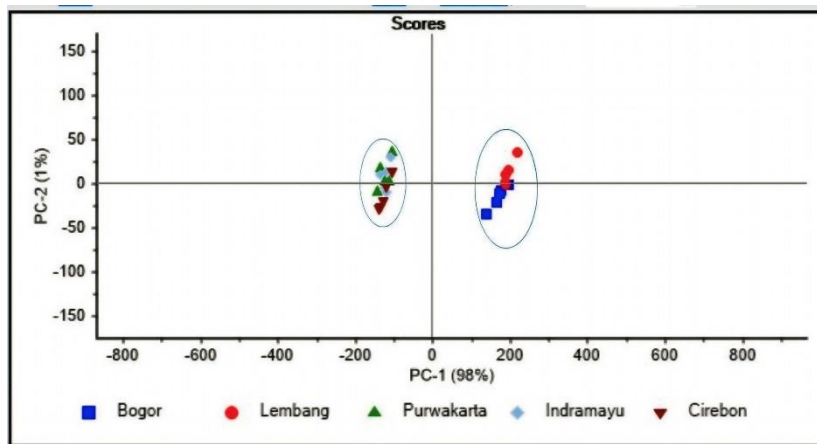
2. *Normalize*



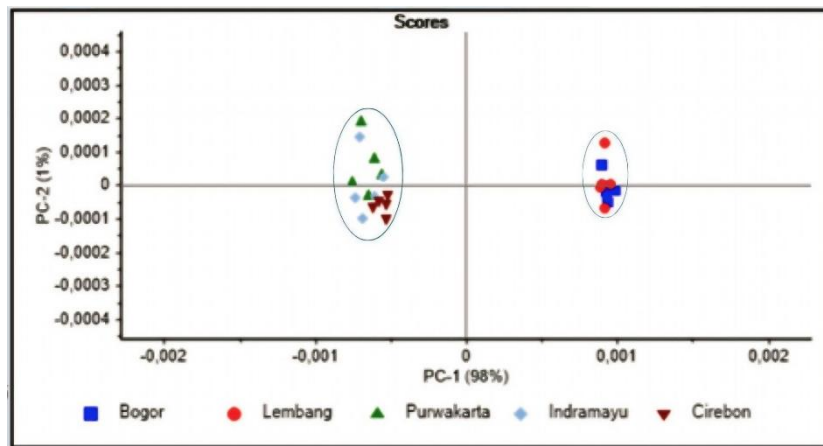
3. *Derivative*



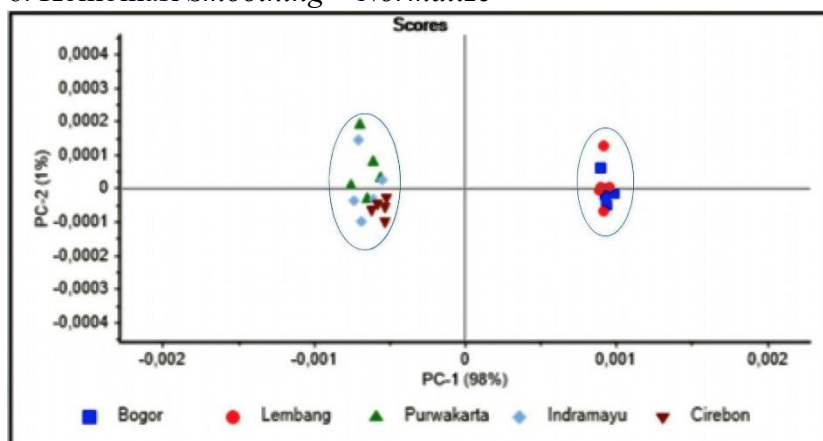
4. *Baseline*

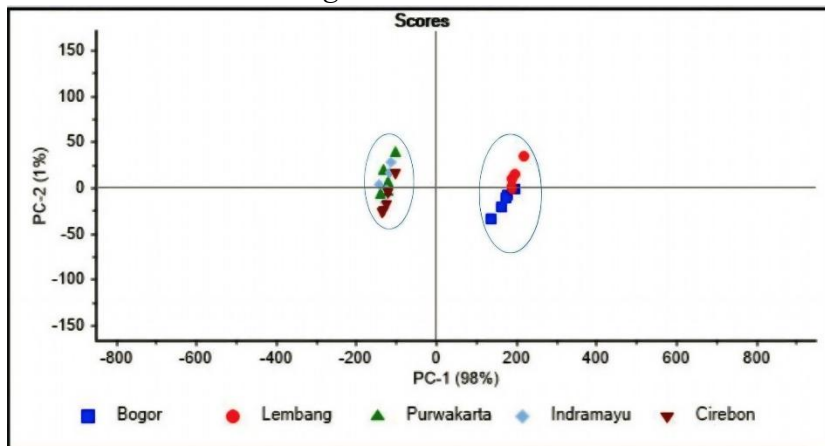
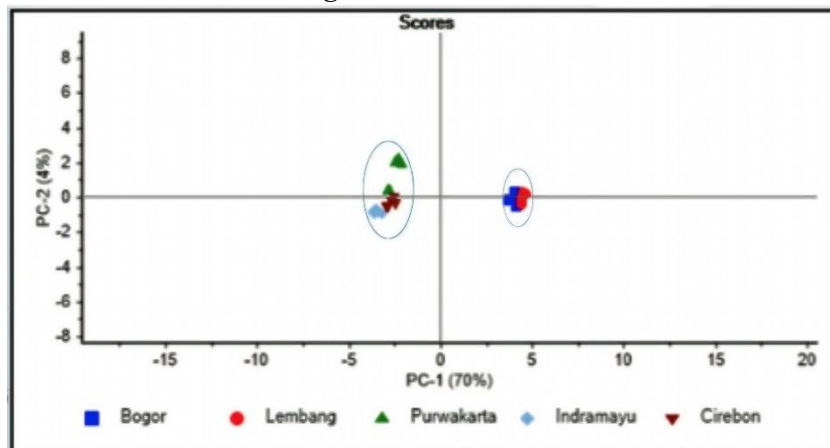
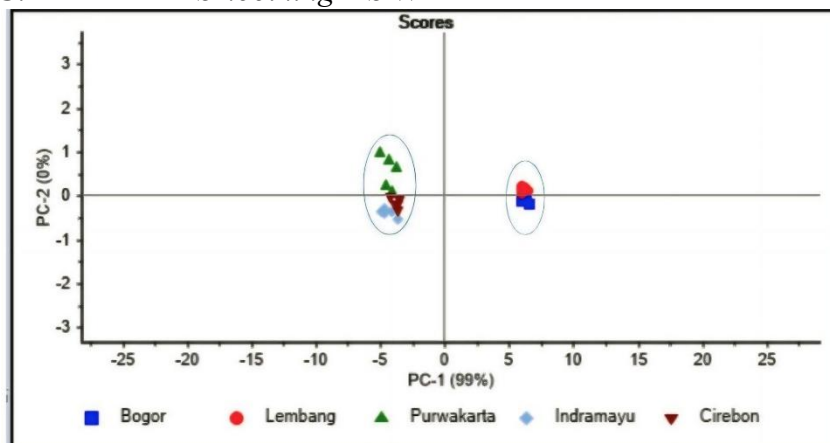


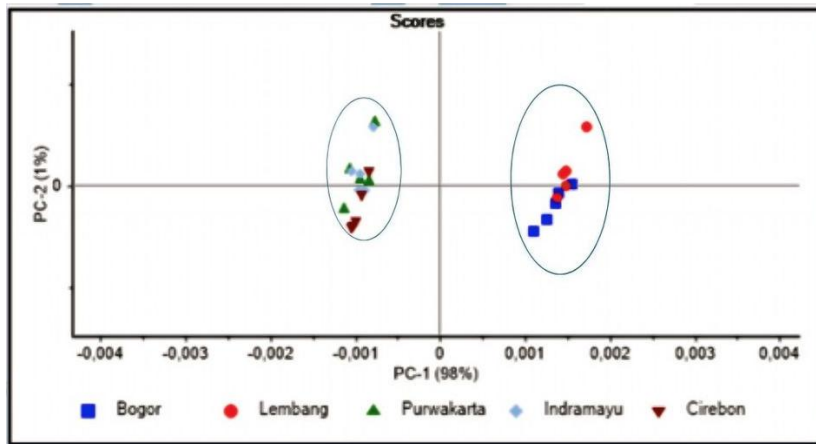
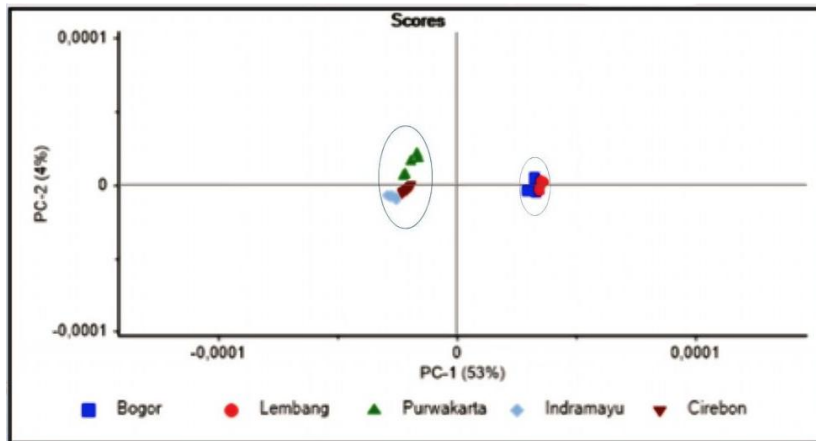
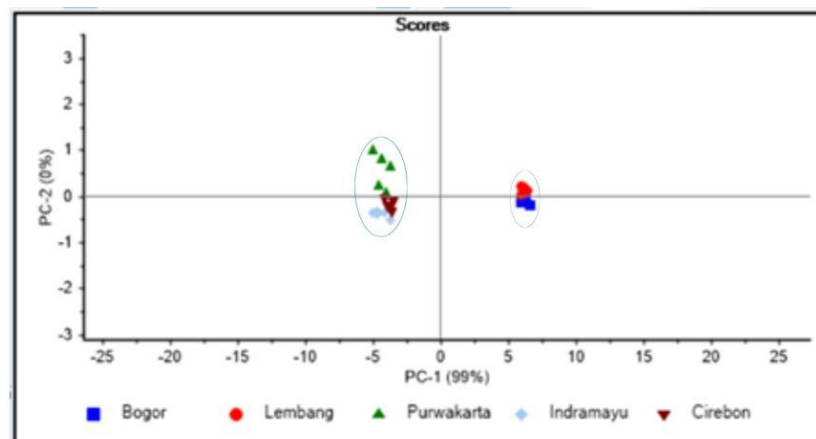
5. *SNV*

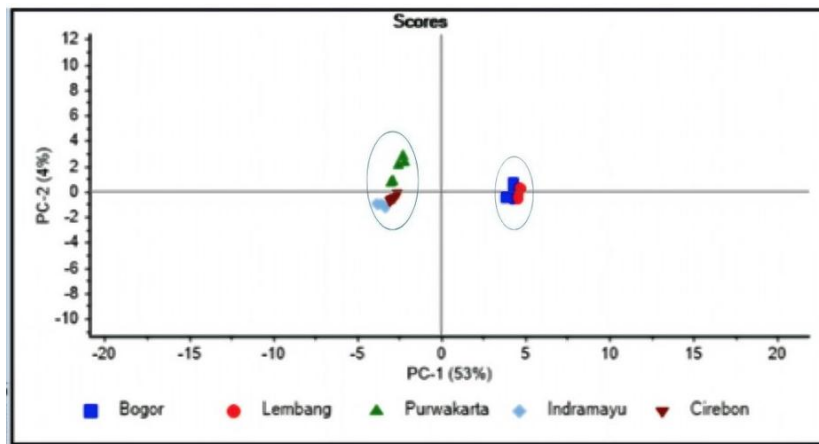
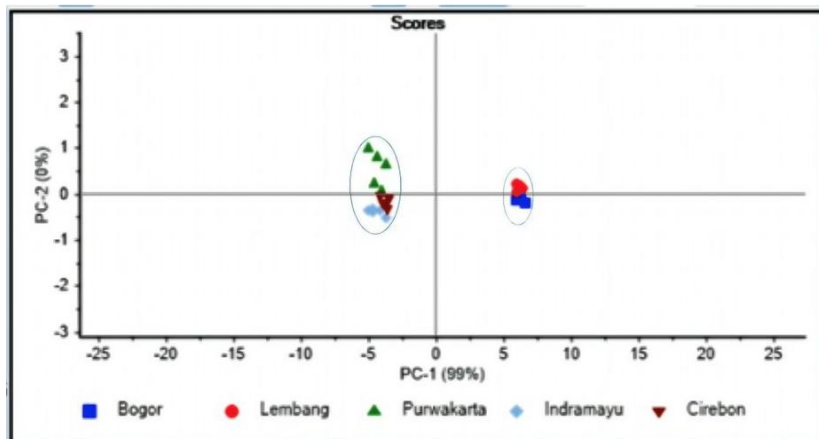
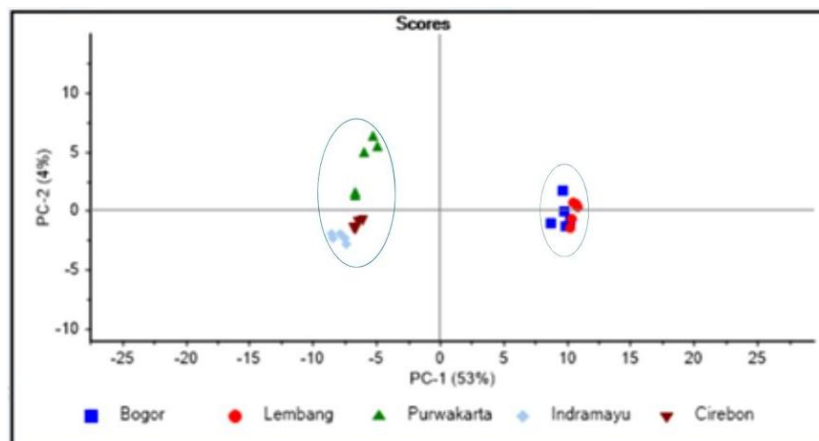


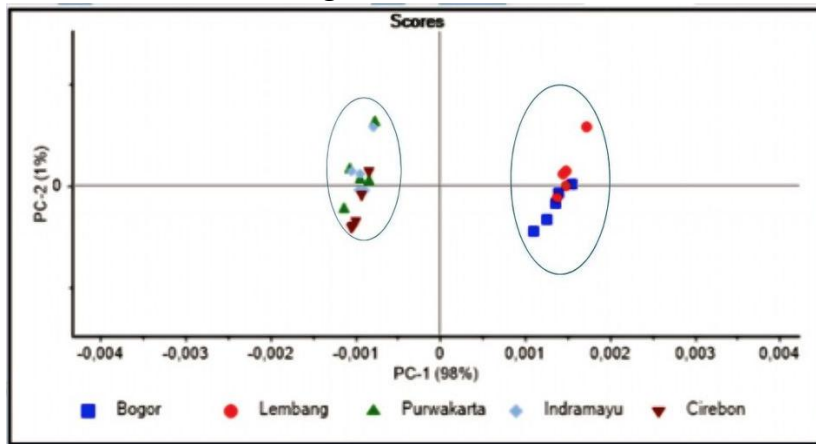
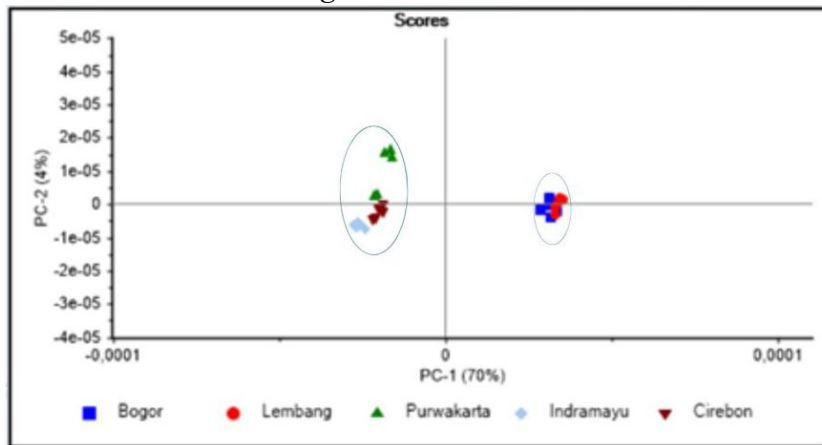
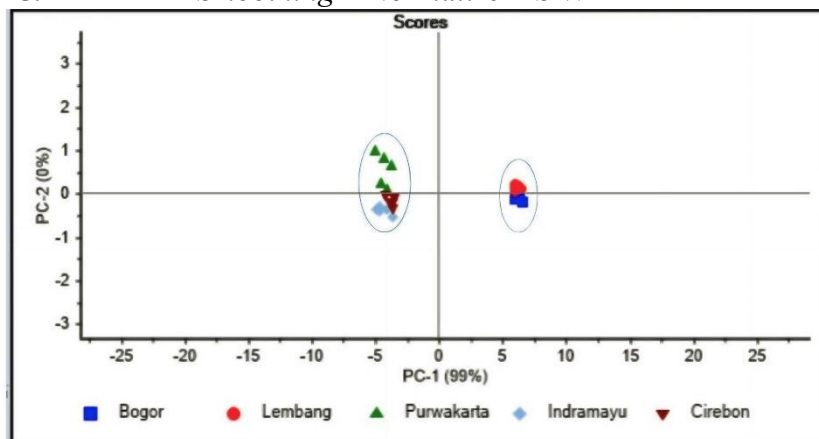
6. *Kombinasi Smoothing + Normalize*



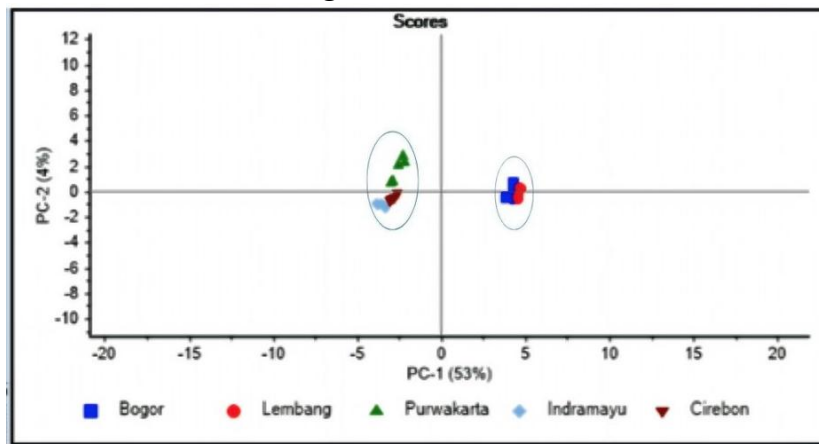
7. Kombinasi *Smoothing* + *Baseline*8. Kombinasi *Smoothing* + *Derivative*9. Kombinasi *Smoothing* + *SNV*

10. Kombinasi *Normalize* + *Baseline*11. Kombinasi *Normalize* + *Derivative*12. Kombinasi *Normalize* + *SNV*

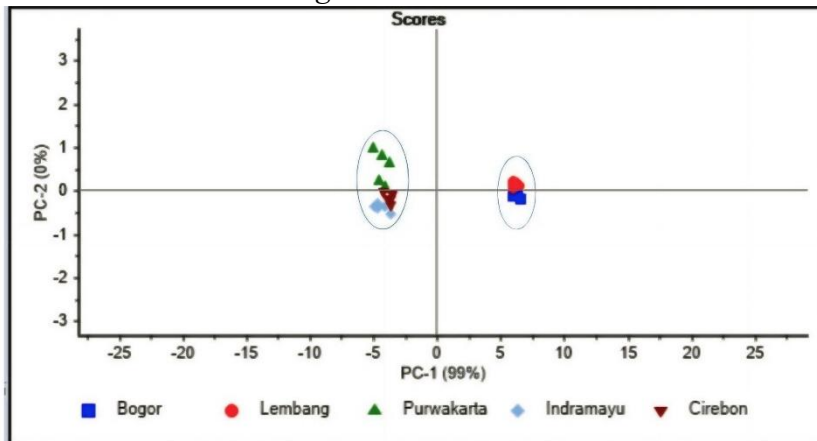
13. Kombinasi *Baseline* + *Derivative*14. Kombinasi *Baseline* + *SNV*15. Kombinasi *Derivative* + *SNV*

16. Kombinasi *Smoothing + Normalize + Baseline*17. Kombinasi *Smoothing + Normalize + Derivative*18. Kombinasi *Smoothing + Normalize + SNV*

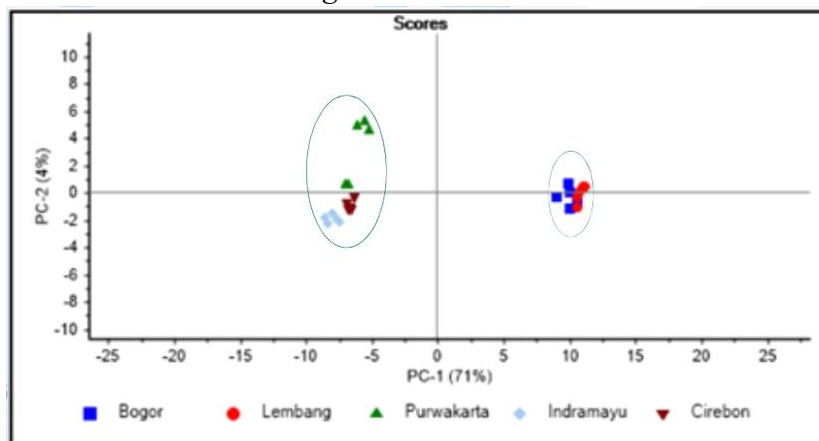
19. Kombinasi *Smoothing + Baseline + Derivative*



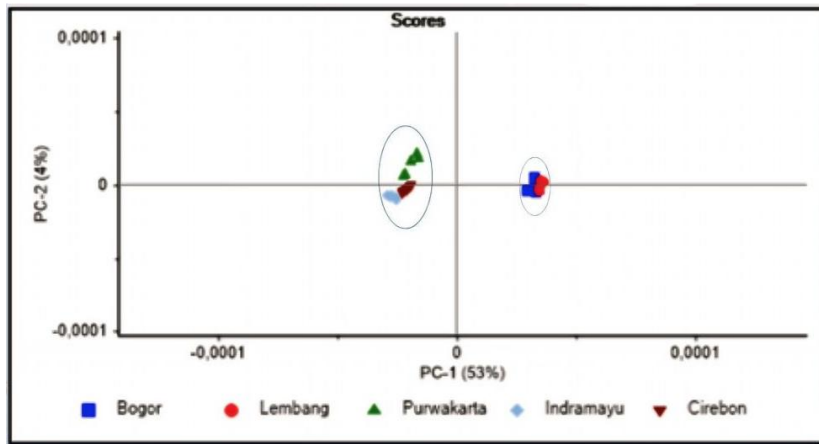
20. Kombinasi *Smoothing + Baseline + SNV*



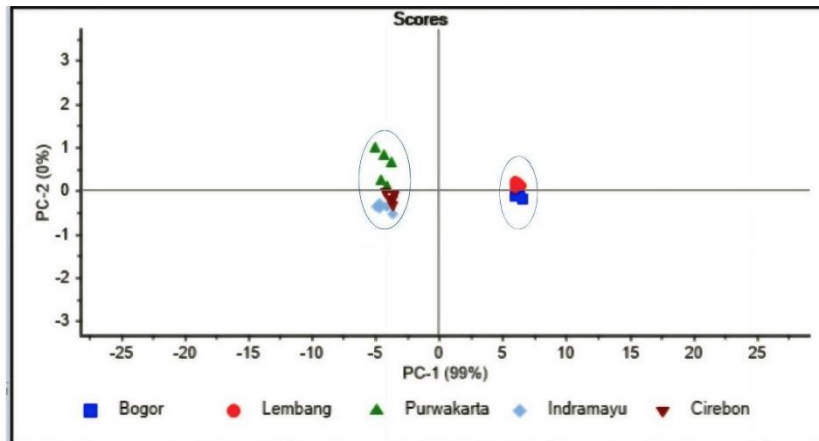
21. Kombinasi *Smoothing + Derivative + SNV*



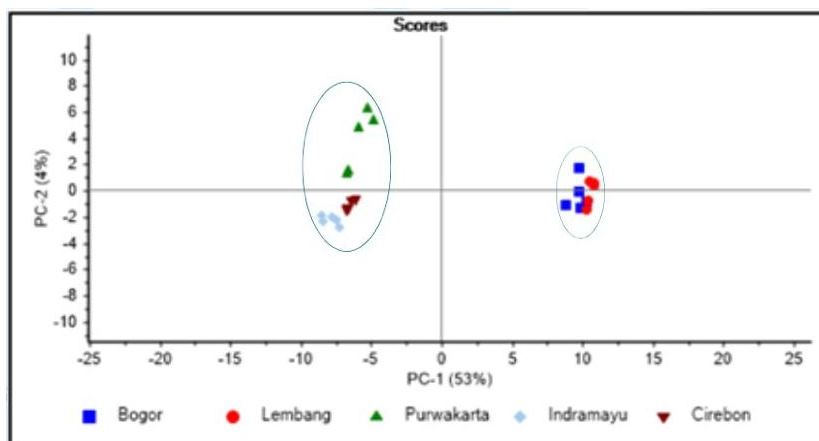
22. Kombinasi *Normalize* + *Baseline* + *Derivative*

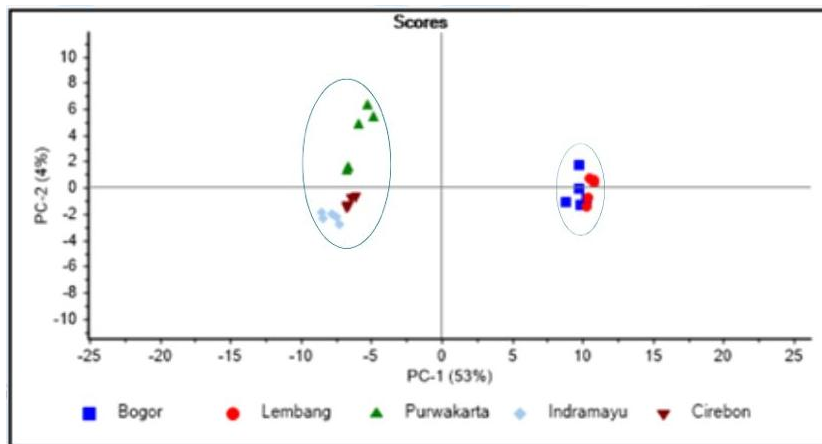
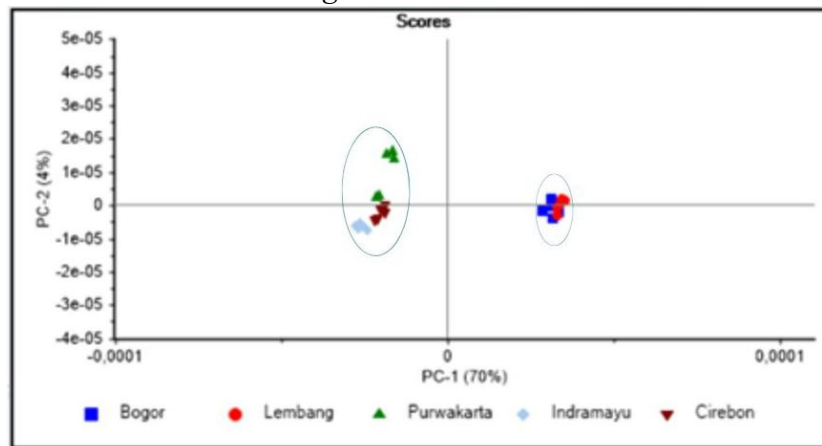
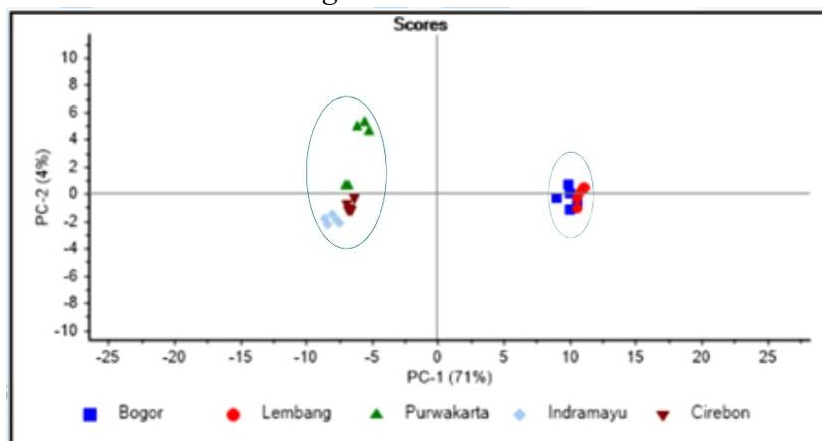


23. Kombinasi *Normalize* + *Baseline* + *SNV*

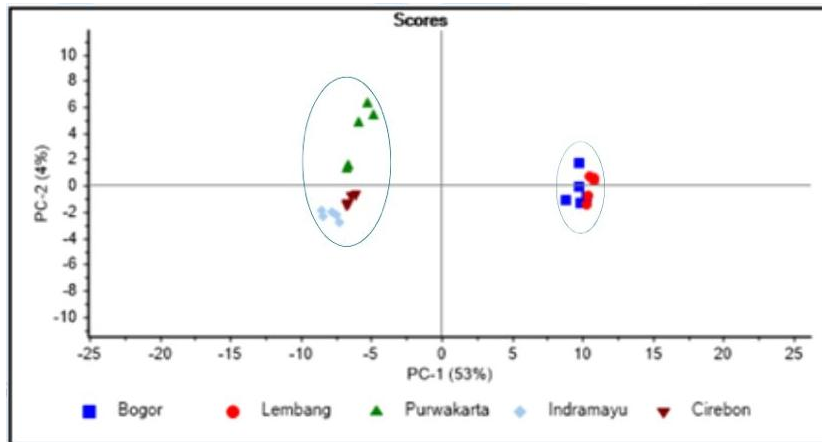


24. Kombinasi *Normalize* + *Derivative* + *SNV*

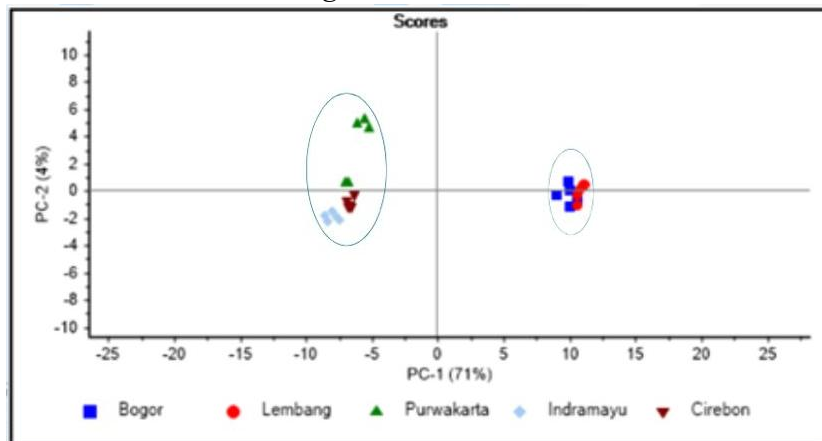


25. Kombinasi *Baseline + Derivative + SNV*26. Kombinasi *Smoothing + Normalize + Baseline + Derivative*27. Kombinasi *Smoothing + Baseline + Derivative + SNV*

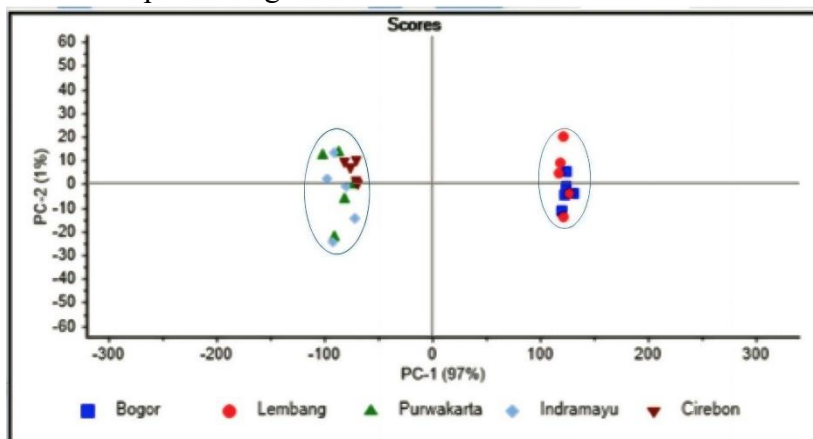
28. Kombinasi *Normalize* + *Baseline* + *Derivative* + *SNV*



29. Kombinasi *Smoothing* + *Normalize* + *Baseline* + *Derivative* + *SNV*

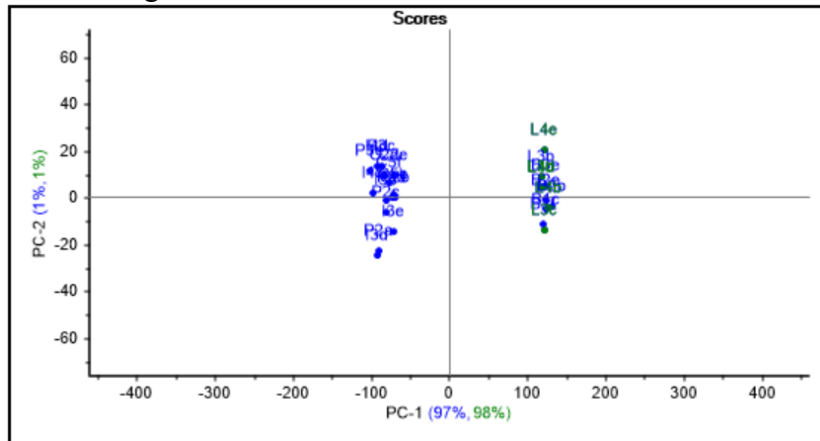


30. No Preprocessing

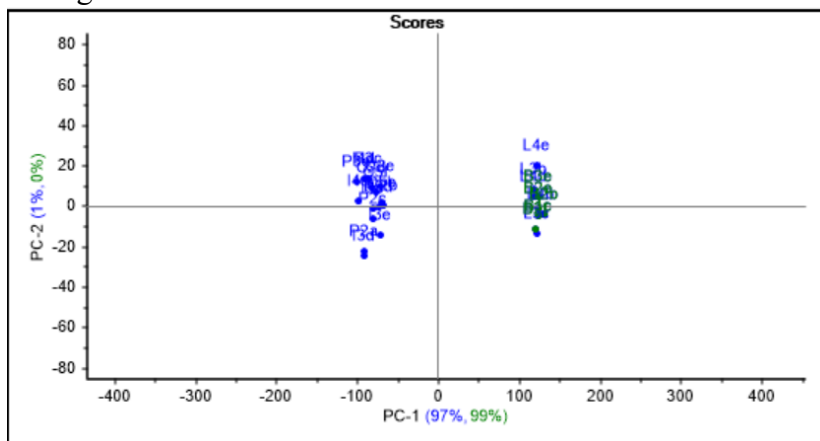


Lampiran 12. Validasi dengan projection pada model PCA yang digunakan

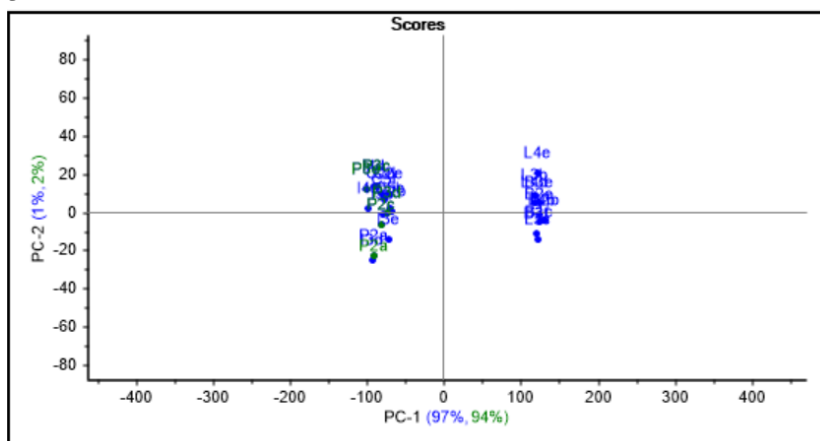
1. Lembang



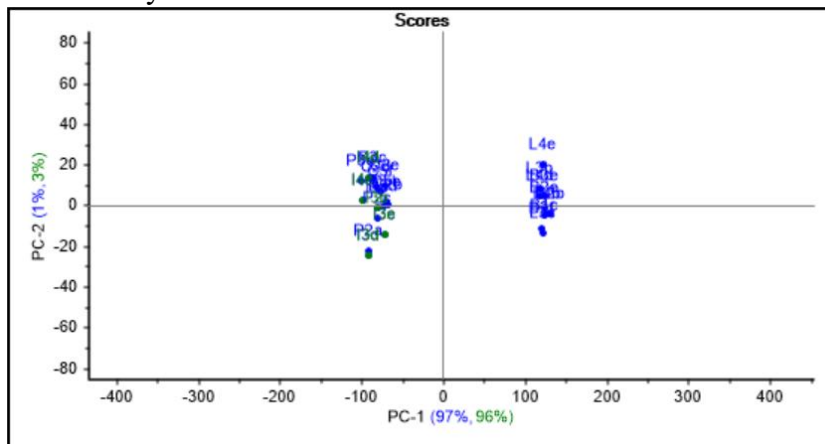
2. Bogor



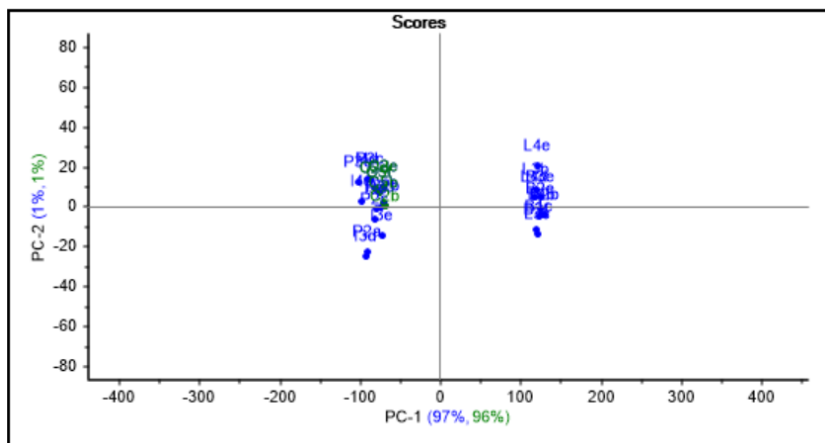
3. Purwakarta



4. Indramayu



5. Cirebon



Lampiran 13. Curriculum vitae

DAFTAR RIWAYAT HIDUP
CURRICULUM VITAE



<u>Nama</u>	:	Yulinda Azzah Wulandari
<i>Name</i>	:	
<u>Nomor Induk Mahasiswa</u>	:	211FF03109
<i>Student ID Number</i>	:	
<u>Agama</u>	:	Islam
<i>Religion</i>	:	
<u>Jenis Kelamin</u>	:	Perempuan
<i>Gender</i>	:	<i>Female</i>
<u>Tempat Tanggal Lahir</u>	:	Bandung, 20 Juni 2003
<i>Date of Birth</i>	:	
<u>Alamat</u>	:	Jl. H. Ibrahim Adjie No.117, Kel.
<i>Address</i>	:	Cijaura, Kec. Buah Batu, Kota Bandung, Prov. Jawa Barat
<u>Telp</u>	:	082118871772
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<i>E-mail</i>	:	
<u>Sosial Media</u>	:	Instagram : yulindaaz
<i>Social Media</i>	:	Tiktok : yulindaaz