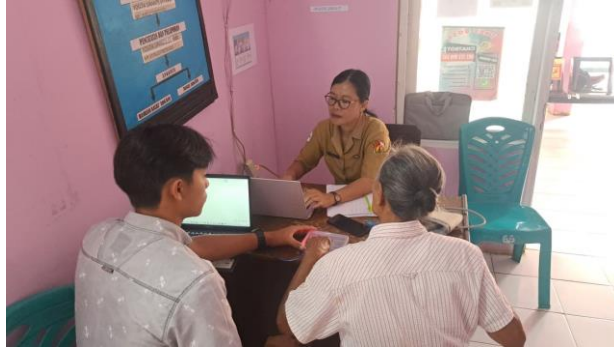


LAMPIRAN

Lampiran 1: Pengambilan Data

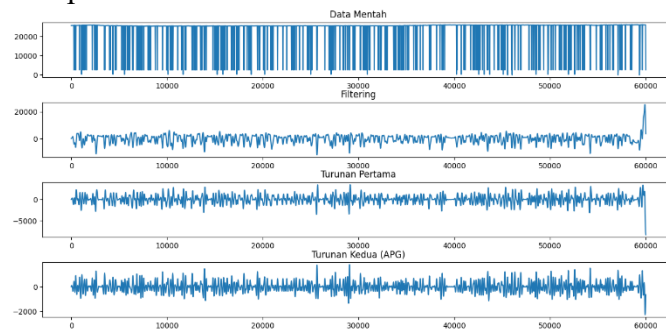


Lampiran 2 Datah Mentah

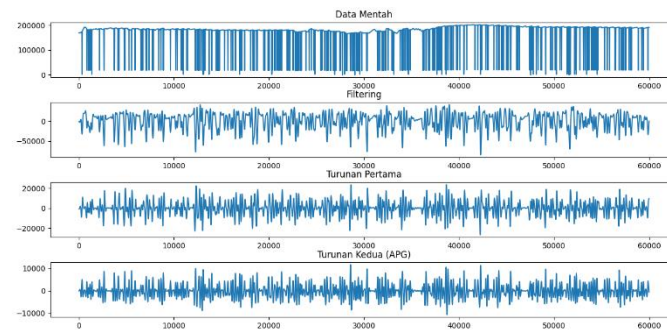
	A	B
1	time_ms	ppg_ir
2	0	24923
3	20	24952
4	40	24996
5	61	25035
6	80	25067
7	101	2511
8	121	25156
9	140	25197
10	161	25236
11	182	25273
12	200	25293
13	221	25323
14	240	25353
15	260	25382
16	281	25422
17	300	25448
18	321	25488
19	341	25528
20	361	25563
21	381	25598
22	402	25608

Lampiran 3 : Grafik Sinyal Partisipan

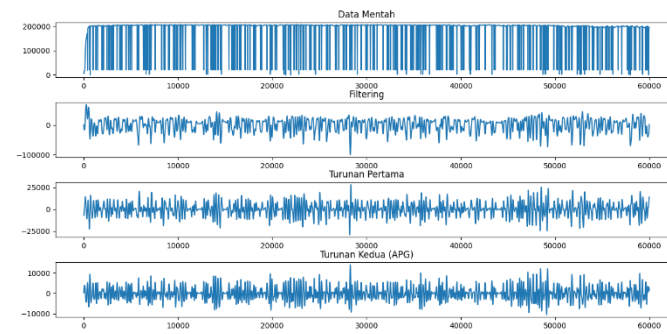
1. Partisipan 5



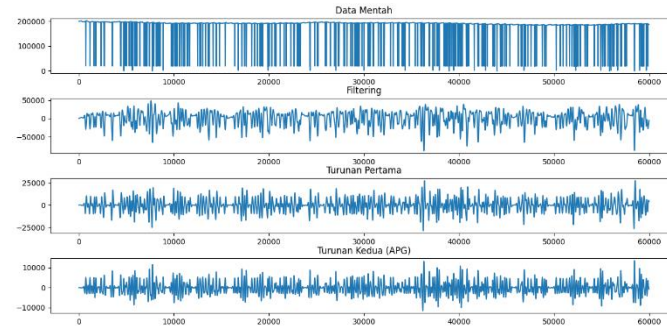
2. Partisipan 6



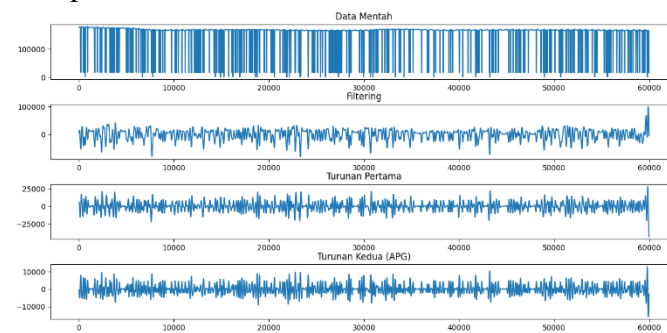
3. Partisipan 7



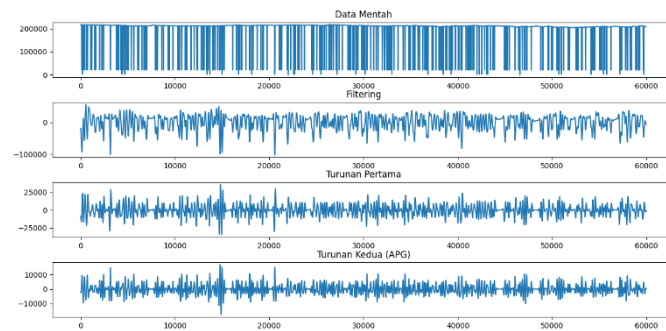
4. Partisipan 8



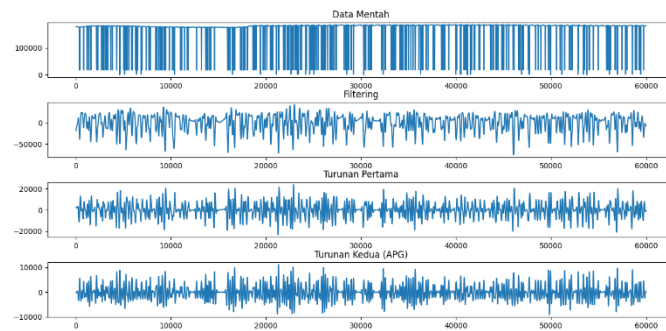
5. Partisipan 9



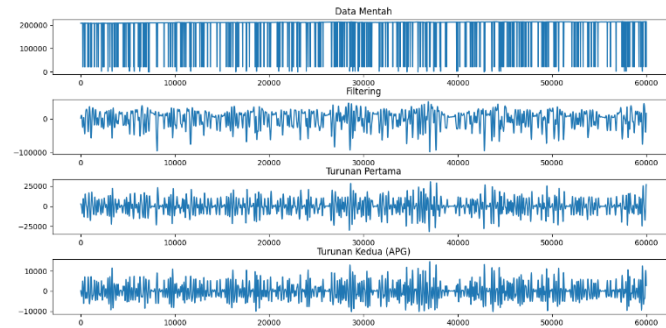
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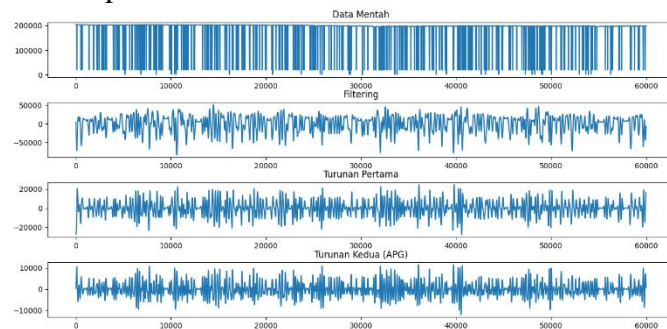
7. Partisipan 11



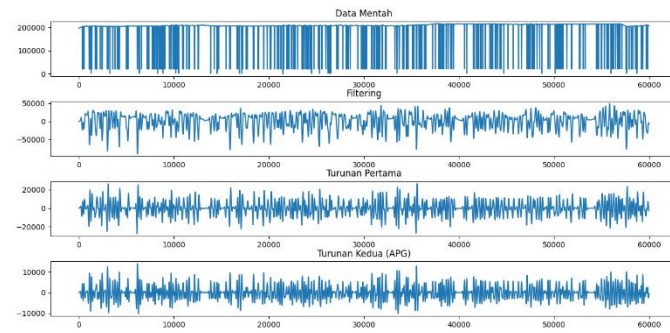
8. Partisipan 12



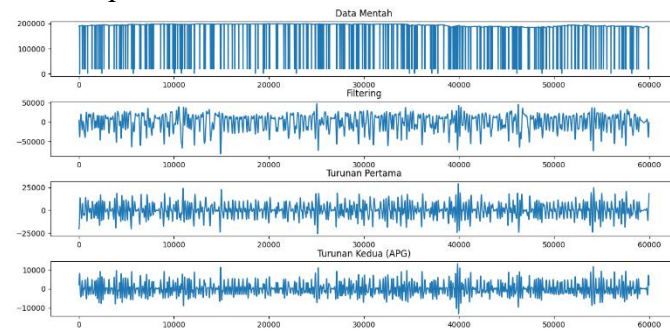
9. Partisipan 13



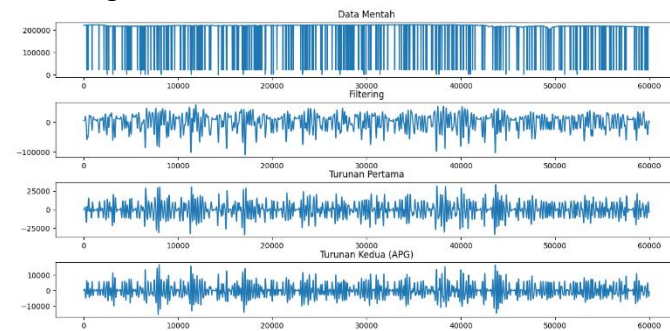
10. Partisipan 14



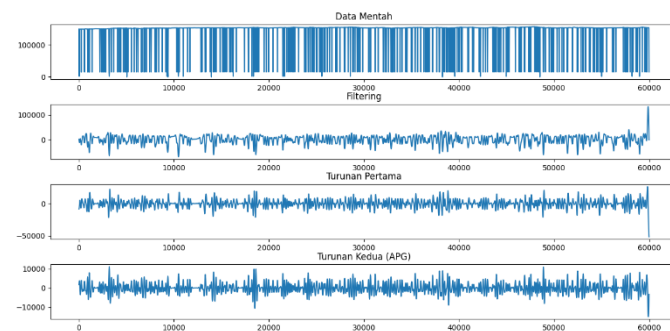
11. Partisipan 15



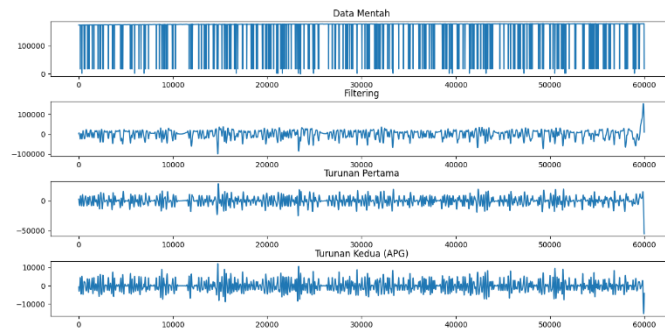
12. Partisipan 16



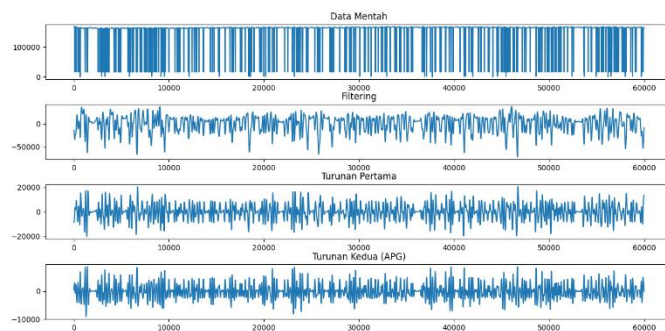
13. Partisipan 17



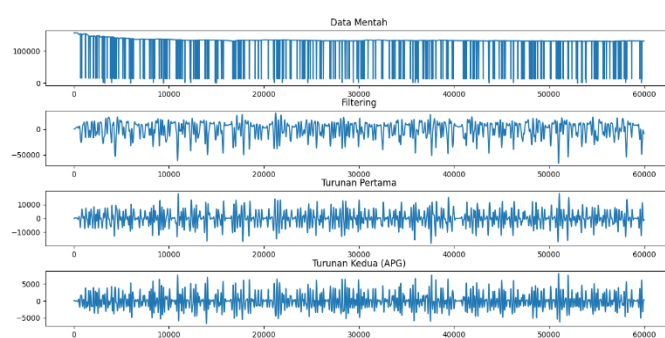
14. Partisipan 18



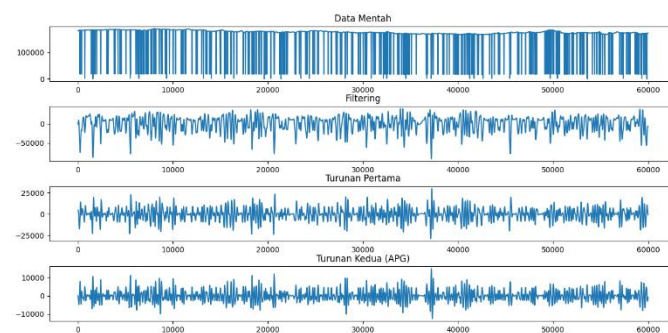
15. Partisipan 19



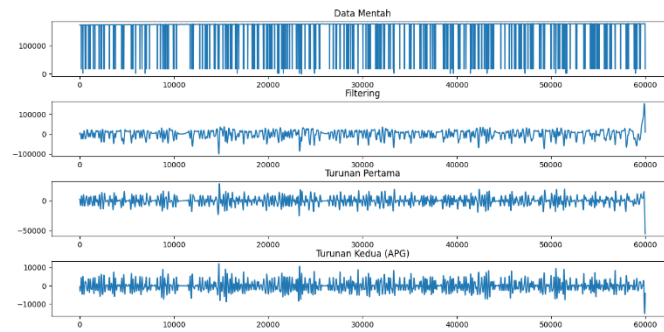
16. Partisipan 20



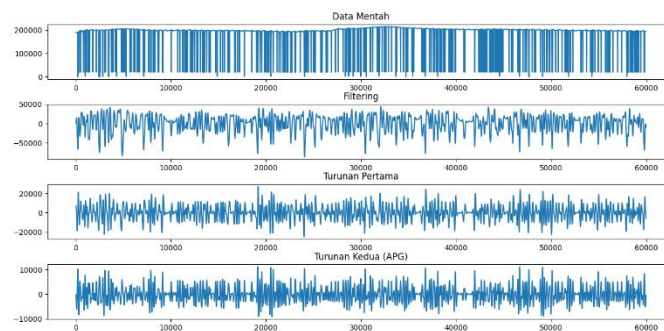
17. Partisipan 21



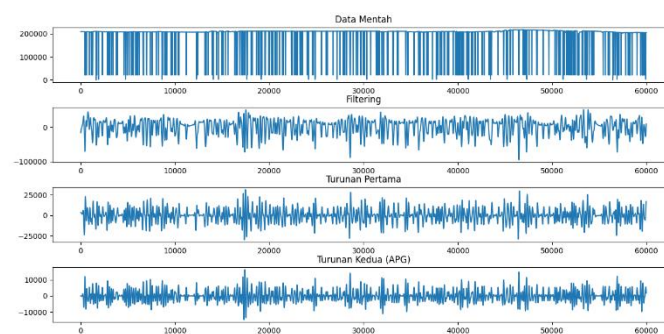
18. Partisipan 22



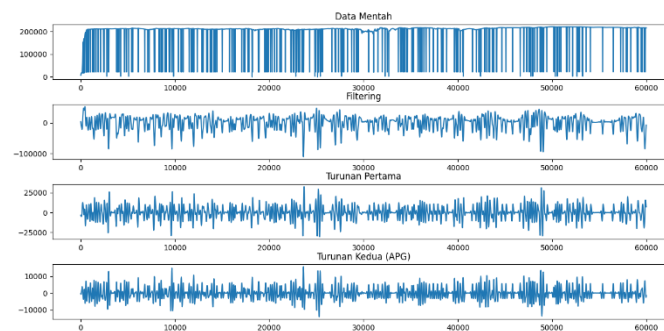
19. Partisipan 23



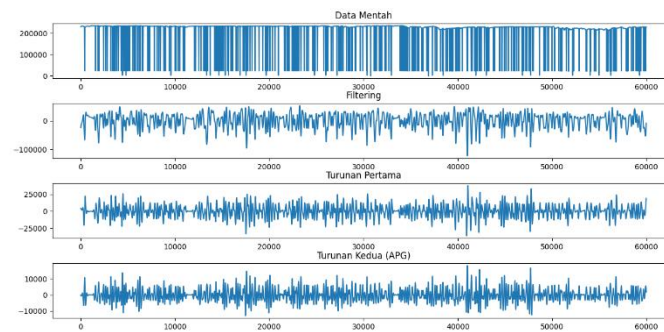
20. Partisipan 24



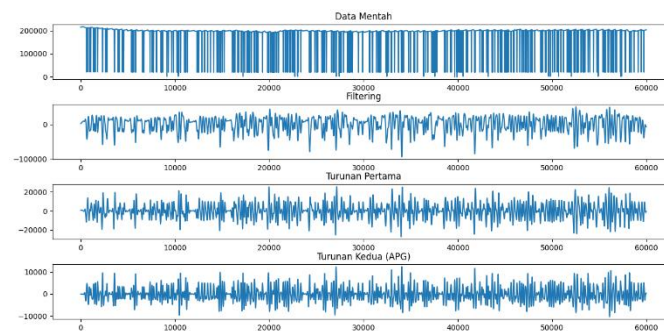
21. Psrtisipan 25



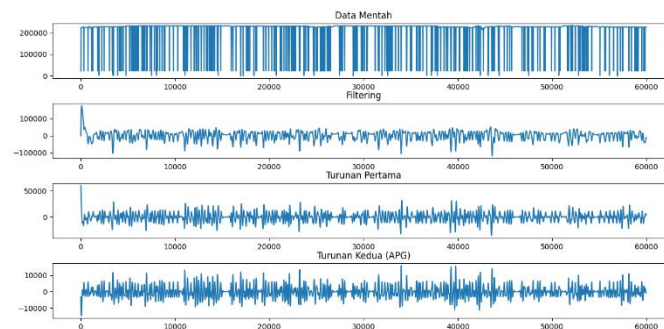
22. Partisipan 26



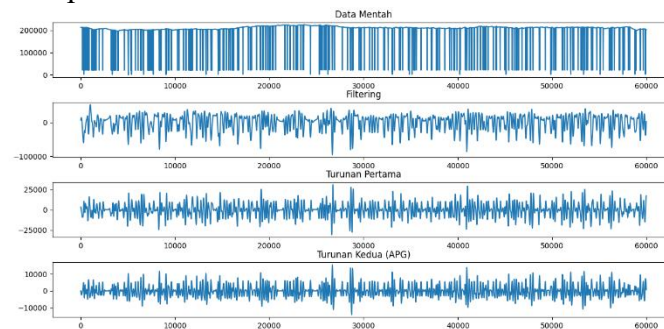
23. Partisipan 27



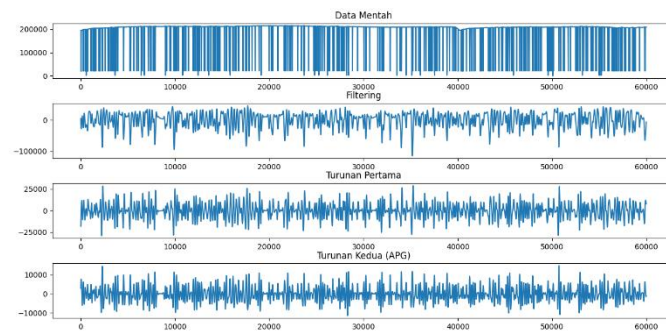
24. Partisipan 28



25. Partisipan 29



26. Partisipan 30



Lampiran 4: Surat Pernyataan Telah Melaksanakan Penelitian



**PEMERINTAH KABUPATEN TORAJA UTARA
DINAS KESEHATAN**

Jl. Taman Makam Pahlawan No. 65 Rantepao Email : torutdinkes22@gmail.com

Rantepao, 21 Januari 2026

REKOMENDASI PENELITIAN

Nomor : 500.5.7.15.21/DINKES

Yang bertanda tangan dibawah ini :

Nama : dr. Remen Taula'bi
NIP : 19720808 200502 1 003
Pangkat / Gol : Pembina Utama Muda / IV c
Jabatan : Plt. Kepala Dinas
Unit Kerja : Dinas Kesehatan Kab. Toraja Utara

Dengan ini memberikan Surat Keterangan Izin Penelitian kepada :

NO	NAMA / NIM	PERGURUAN TINGGI
1	Fino Samma' Pasangkin NIM: 222214040	Universitas Kristen Indonesia Fakultas Teknik

Dalam rangka mengadakan Penelitian dan penyusunan Skripsi dengan judul **Ekstraksi Fitur Sinyal Sensor Photoplethysmography Dalam Sistem Estimasi Tekanan Darah Manusia Dengan Metode Second Derevative Photoplethysmography**, di Puskesmas **Tombang Kalua'** terhitung mulai tanggal 01 s.d 28 Februari 2026

Demikian Surat Keterangan ini kami berikan untuk dipergunakan sebagaimana mestinya

Plt. Kepala Dinas Kesehatan
Kab. Toraja Utara,



dr. Remen Taula'bi
Pangkat/Golo: Pembina Utama Muda / IVc
NIP : 19720808 200502 1 003

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