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## **Lampiran-lampiran**

### **Lampiran 1. Formulir Persetujuan Informasi**

#### **INFORMED CONSENT**

<b>Judul Penelitian</b>	<b>: Faktor Risiko Kejadian Stunting pada Anak Baduta (6-24 Bulan) di Kabupaten Maros</b>
<b>Peneliti</b>	<b>: Pupin Astuti</b>
<b>Institusi</b>	<b>: Universitas Hasanuddin</b>
<b>Kontak</b>	<b>: 081775142323</b>

Assalamu'alaikum Warahmatullahi Wabarakatuh

Kami mengundang Anda untuk berpartisipasi dalam penelitian kami yang bertujuan untuk memahami faktor-faktor yang berkaitan dengan stunting pada anak-anak. Partisipasi Anda dalam penelitian ini akan sangat berharga bagi kami untuk meningkatkan pemahaman tentang masalah ini dan mengambil langkah-langkah yang lebih baik untuk mencegah dan mengatasi stunting.

Keterlibatan Anda dalam penelitian ini sepenuhnya sukarela, dan Anda memiliki hak untuk tidak berpartisipasi atau menarik diri setiap saat tanpa konsekuensi apa pun. Kami akan menjaga kerahasiaan informasi yang Anda berikan dan hanya menggunakan data tersebut untuk tujuan penelitian. Identitas Anda akan dijaga kerahasiaannya, dan semua informasi yang Anda berikan akan diolah tanpa merinci data individu.

Kami ingin menekankan bahwa partisipasi Anda dalam penelitian ini akan membantu kami mendapatkan wawasan yang lebih baik tentang stunting pada anak-anak. Hasil penelitian ini juga dapat memberikan manfaat jangka panjang bagi masyarakat dalam pengembangan kebijakan dan program-program kesehatan.

Kami selalu siap menjawab pertanyaan atau kekhawatiran yang Anda miliki tentang penelitian ini. Jika Anda setuju untuk berpartisipasi, silakan tandatangani formulir ini. Jika Anda tidak setuju atau ingin menarik diri dari penelitian kapan saja, itu adalah hak Anda, dan hal tersebut tidak akan memiliki dampak negatif bagi Anda atau anak Anda.

Terima kasih atas pertimbangan Anda untuk berpartisipasi dalam penelitian ini.

**Pupin Astuti**

**(Peneliti)**

Setelah membaca penjelasan di atas, saya yang bertanda tangan di bawah ini:

Nama : .....

Umur : .....

Alamat : .....

No. HP : .....

dengan ini memberikan persetujuan saya untuk berpartisipasi dalam penelitian ini dan menyatakan bahwa saya telah memahami informasi di atas dan saya tahu bahwa partisipasi saya adalah sukarela.

Maros, .....2023

(.....)

## Lampiran 2. Kuesioner Penelitian

### A. Karakteristik Ibu

No. Responden :  
 Nama/Inisial Responden :  
 Pendidikan Ibu :  
 Usia saat melahirkan anak :  
 Usia saat menikah :  
 Berat Badan Ibu : Kg  
 Tinggi Badan Orang Tua : a. Ibu : cm b. Ayah : cm

### B. Karakteristik Balita

Nama/Inisial Balita :  
 Tanggal lahir/umur :  
 Tinggi Badan Balita : cm  
 Jenis Kelamin : L/P  
 Anak ke.. : ..... Dari..... Bersaudara  
 Berat Badan saat Lahir : Kg  
 Berat Badan Sekarang : Kg

#### 1. Jarak kelahiran

- d. Berapa anak yang dimiliki keluarga ini (termasuk anak yang sedang di teliti)?
  - 1 anak
  - 2 anak
  - 3 anak
  - 4 anak atau lebih
- e. Apakah Anda dapat memberikan informasi tentang jarak waktu (bulan atau tahun) antara anak ini (yang sedang di teliti) dengan anak sebelumnya (Jika ada anak sebelumnya)
  - Ya, (Sebutkan jarak dalam bulan atau tahun):.....
  - Tidak, ini anak pertama
- f. Jika anak ini (anak yang diteliti) adalah anak pertama, apakah ada rencana untuk memiliki anak lagi dalam waktu dekat?
  - Ya
  - Tidak
  - Belum diputuskan

#### 2. Riwayat Penyakit Infeksi

No	Pertanyaan	Ya	Tidak
1	Apakah anak ibu pernah menderita diare (dengan gejala buang air besar lebih dari 4	1	0

	kali sehari dengan konsisten cair kadang-kadang disertai muntah ataupun tidak)?		
2	Apakah anak ibu pernah menderita ISPA (dengan gejala batuk, pilej disertai atau tanpa demam)?	1	0
3	Apakah anak Ibu pernah mengalami Kecacingan (dengan gejala sakit perut, gatal di area anus, nafsu makan berkurang, badan kurus dan ruam pada pada kulit)?	1	0
4	Apakah anak Ibu pernah mengalami Malaria (dengan gejala demam tinggi, sakit kepala, nyeri tubuh, mual dan muntah, pusing dan kelemahan, menggigil, sesak nafas (kasus malaria berat))?	1	0
5	Berapa kali anak mengalami infeksi tersebut dalam setahun terakhir?	.....Kali	
6	Apakah ada perwatan medis yang diberikan pada saat anak mengalami infeksi?		

### C. Karakteristik Rumah Tangga

#### Pendapatan Keluarga

1. Berapa total pendapatan bulanan keluarga Anda, termasuk semua sumber pendapatan seperti gaji, usaha, bantuan sosial, dan lainnya?
  - a. 2,5 - 3,5 Juta
  - b. 1,5 Juta - < 2,5 Juta
  - c. < 1,5 Juta
  - d. > 3,5 Juta
2. Sumber-sumber pendapatan utama keluarga
  - Gaji pekerjaan
  - Pertanian atau ternak
  - Usaha sendiri
  - Bantuan sosial (Contoh: PHK, bantuan pangan)
  - Lainnya: .....
3. Apakah keluarga anda menerima bantuan sosial atau program kesejahteraan sosial lainnya dari pemerintah?
  - a. Ya
  - b. Tidak

4. Apakah ada periode dimana keluarga Anda mengalami kesulitan keuangan yang signifikan atau kekurangan makanan dalam 1 tahun terakhir?
- Ya
  - Tidak

#### **ASI Ekslusif**

No	Pertanyaan	Ya	Tidak
1	Apakah ibu memberi ASI pertama kali keluar (colostrum) saat bayi ibu lahir?	1	0 <b>Alasan:</b>
2	Apakah Ibu memberikan ASI saja kepada anak sampai umur 6 bulan?	1	0 <b>Alasan:</b>
3	<b>Apakah Ibu memberikan makanan lain seperti pisang, susu botol, dan nasi lembek kepada bayi sebelum usia 6 bulan?</b>	0 <b>Alasan:</b>	1

#### **Paparan Asap Rokok di Dalam Keluarga**

- Apakah salah satu anggota keluarga ada yang merokok?
  - Ya (Sebutkan:.....)
  - Tidak Ada
- Sudah berapa lama anggota keluarga tersebut merokok?  
Jawab:
- Apakah pada saat hamil, ibu terpapar asap rokok dari anggota keluarga?
  - Ya
  - Tidak
- Apakah anggota keluarga merokok di dalam rumah?
  - Ya

- b. Tidak
5. Berapa banyak rokok yang dihabiskan setiap hari (rata-rata)?
    - a. < 3 batang
    - b. 3-10 batang
    - c. > 10 Batang
  6. Apakah anak ibu terpapar asap rokok yang bersumber dari anggota keluarga?
    - a. Ya
    - b. Tidak
  7. Apakah ketika salah satu anggota keluarga setelah merokok boleh langsung memeluk, mencium atau menggendong balita?
    - a. Ya
    - b. Tidak
  8. Apakah ibu melarang anggota keluarga yang merokok untuk merokok di dekat anak ibu?
    - a. Ya
    - b. Tidak

### **Pengetahuan Ibu Tentang Stunting**

**Pertanyaan Pendahuluan:**

1. **Apakah Ibu sudah tau tentang stunting sebelum anak (yang diteliti) sudah lahir?**
2. **Sejak kapan Ibu tau atau mendapatkan informasi tentang stunting?**

**(Jika Ibu menjawab telah mengetahui stunting sebelum anak yang diteliti lahir, maka bisa dilanjutkan dengan pengisian kuesioner)**

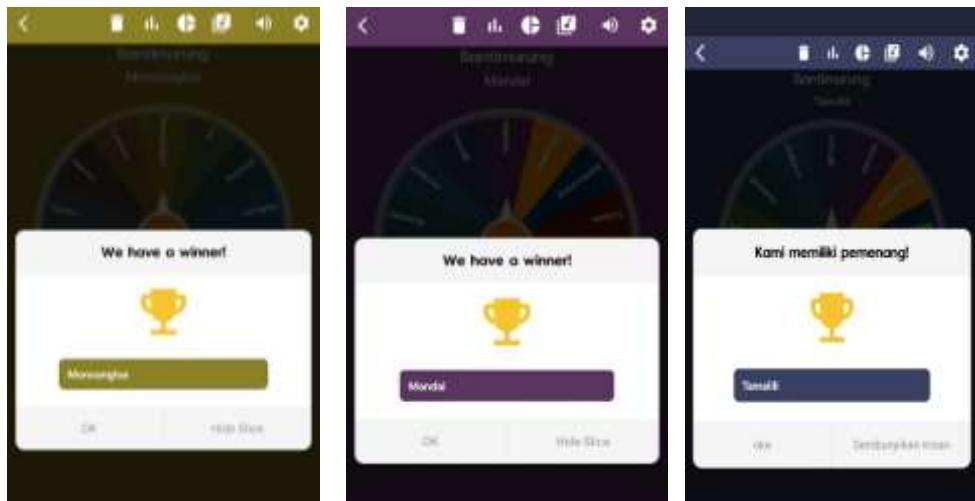
No	Pernyataan	Benar	Salah
1	Stunting merupakan gangguan pertumbuhan karena kekurangan gizi dalam jangka waktu yang lama terutama pada 1.000 Hari Pertama Kehidupan meliputi 270 hari selama kehamilan dan 730 hari pertama setelah bayi dilahirkan	1	0
2	Stunting baru akan terlihat ketika anak berusia kurang dari 2 tahun	1	0
3	Kurangnya akses air bersih dan sanitasi lingkungan dapat menjadi faktor penyebab stunting	1	0
4	Anak memiliki tubuh lebih pendek dibandingkan anak seusianya merupakan tanda dan gejala stunting	1	0
5	Anak yang mengalami stunting ketika dewasa akan berisiko mengalami berat badan berlebih	1	0

6	ASI Eksklusif (pemberian ASI saat bayi baru lahir sampai usia 6 bulan tanpa makanan tambahan lain) dapat mencegah anak mengalami stunting	1	0
7	Memantau pertumbuhan balita di posyandu merupakan upaya yang sangat strategis untuk mendeteksi dini terjadinya gangguan pertumbuhan	1	0
8	Menerapkan pola hidup bersih dan sehat (PHBS) dapat mencegah adanya stunting	1	0
9	Kegiatan Pemberian Makanan Tambahan (PMT) untuk balita perlu dilakukan untuk mencegah stunting	1	0
10	Kurangnya pengetahuan ibu mengenai kesehatan dan gizi sebelum dan pada masa kehamilan, serta setelah ibu melahirkan dapat menjadi faktor penyebab stunting	1	0

11	Anak yang mengalami stunting ketika dewasa berpeluang menderita penyakit tidak menular seperti hipertensi (darah tinggi), jantung, diabetes (penyakit gula), kanker dll	1	0
12	Kurangnya pelayanan kesehatan untuk ibu selama masa kehamilan (ANC) menjadi faktor penyebab stunting	1	0
13	Periode 1.000 Hari Pertama Kehidupan meliputi 270 hari selama kehamilan dan 730 hari pertama setelah bayi dilahirkan merupakan periode emas atau kritis yang menentukan kualitas kehidupan anak	1	0
14	Akibat kekurangan gizi pada periode 1.000 Hari Pertama Kehidupan bersifat permanen dan sulit untuk diperbaiki	1	0
15	Pencegahan stunting dapat dilakukan dengan upaya mencukupi kebutuhan gizi sejak anak dalam kandungan hingga usia dua tahun	1	0

16	Dalam jangka panjang anak yang mengalami stunting akan memengaruhi prestasi belajar	1	0
17	Stunting tidak dapat disembuhkan. Namun, dapat dicegah	1	0
18	Imunisasi dasar lengkap pada bayi dan anak akan mencegah stunting	1	0
19	Stunting dapat diperbaiki ketika bayi sudah lahir	1	0
20	Pola asuh ibu yang kurang baik menjadi penyebab stunting	1	0

**Lampiran 3. Hasil Randomisasi wilayah penelitian menggunakan Spin the wheel**



## Lampiran 4. Standar Tinggi Badan Anak Kementerian Kesehatan Indonesia

Tabel 2. Standar Panjang Badan menurut Umur (PB/U)

Anak Laki-Laki Umur 0 - 24 Bulan

Umur (bulan)	Panjang Badan (cm)						
	-3 SD	-2 SD	-1 SD	Median	+1 SD	+2 SD	+3 SD
0	44.2	46.1	48.0	49.9	51.8	53.7	55.6
1	48.9	50.8	52.8	54.7	56.7	58.6	60.6
2	52.4	54.4	56.4	58.4	60.4	62.4	64.4
3	55.3	57.3	59.4	61.4	63.5	65.5	67.6
4	57.6	59.7	61.8	63.9	66.0	68.0	70.1
5	59.6	61.7	63.8	65.9	68.0	70.1	72.2
6	61.2	63.3	65.5	67.6	69.8	71.9	74.0
7	62.7	64.8	67.0	69.2	71.3	73.5	75.7
8	64.0	66.2	68.4	70.6	72.8	75.0	77.2
9	65.2	67.3	69.7	72.0	74.2	76.5	78.7
10	66.4	68.7	71.0	73.3	75.6	77.9	80.1
11	67.6	69.9	72.2	74.5	76.9	79.2	81.5
12	68.6	71.0	73.4	75.7	78.1	80.5	82.9
13	69.6	72.1	74.5	76.9	79.3	81.8	84.2
14	70.6	73.1	75.6	78.0	80.5	83.0	85.5
15	71.6	74.1	76.6	79.1	81.7	84.2	86.7
16	72.5	75.0	77.6	80.2	82.8	85.4	88.0
17	73.3	76.0	78.6	81.2	83.9	86.5	89.2
18	74.2	76.9	79.6	82.3	85.0	87.7	90.4
19	75.0	77.7	80.5	83.2	86.0	88.8	91.5
20	75.8	78.5	81.4	84.2	87.0	89.8	92.6
21	76.5	79.4	82.3	85.1	88.0	90.9	93.8
22	77.2	80.2	83.1	86.0	89.0	91.9	94.9
23	78.0	81.0	83.9	86.9	89.9	92.9	95.9
24 *	78.7	81.7	84.8	87.8	90.9	93.9	97.0

Keterangan: \* Pengukuran panjang badan dilakukan dalam keadaan anak telentang

**Tabel 9. Standar Panjang Badan menurut Umur (PB/U)**  
**Anak Perempuan Umur 0-24 Bulan**

Umur (bulan)	Panjang Badan (cm)						
	-3 SD	-2 SD	-1 SD	Median	+1 SD	+2 SD	+3 SD
0	43.6	45.4	47.3	49.1	51.0	52.9	54.7
1	47.8	49.8	51.7	53.7	55.6	57.6	59.5
2	51.0	53.0	55.0	57.1	59.1	61.1	63.2
3	53.5	55.6	57.7	59.8	61.9	64.0	66.1
4	55.6	57.8	59.9	62.1	64.3	66.4	68.6
5	57.4	59.6	61.8	64.0	66.2	68.5	70.7
6	58.9	61.2	63.5	65.7	68.0	70.3	72.5
7	60.3	62.7	65.0	67.3	69.6	71.9	74.2
8	61.7	64.0	66.4	68.7	71.1	73.5	75.8
9	62.9	65.3	67.7	70.1	72.6	75.0	77.4
10	64.1	66.5	69.0	71.5	73.9	76.4	78.9
11	65.2	67.7	70.3	72.8	75.3	77.8	80.3
12	66.3	68.9	71.4	74.0	76.6	79.2	81.7
13	67.3	70.0	72.6	75.2	77.8	80.5	83.1
14	68.3	71.0	73.7	76.4	79.1	81.7	84.4
15	69.3	72.0	74.8	77.5	80.2	83.0	85.7
16	70.2	73.0	75.8	78.6	81.4	84.2	87.0
17	71.1	74.0	76.8	79.7	82.5	85.4	88.2
18	72.0	74.9	77.8	80.7	83.6	86.5	89.4

Umur (bulan)	Panjang Badan (cm)						
	-3 SD	-2 SD	-1 SD	Median	+1 SD	+2 SD	+3 SD
19	72.8	75.8	78.8	81.7	84.7	87.6	90.6
20	73.7	76.7	79.7	82.7	85.7	88.7	91.7
21	74.5	77.5	80.6	83.7	86.7	89.8	92.9
22	75.2	78.4	81.5	84.6	87.7	90.8	94.0
23	76.0	79.2	82.3	85.5	88.7	91.9	95.0
24 *	76.7	80.0	83.2	86.4	89.6	92.9	96.1

Keterangan: \* Pengukuran PB dilakukan dalam keadaan anak telentang

## Lampiran 5. Surat Izin Penelitian dari Fakultas



**KEMENTERIAN PENDIDIKAN KEBUDAYAAN,  
RISET DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN  
FAKULTAS KESEHATAN MASYARAKAT**  
 Jl. Perintis Kemerdekaan Km.10 Makassar 90245, Telp.(0411) 585658,  
 e-mail : fkm.unhas@gmail.com, website: <https://fkm.unhas.ac.id/>

**Nomor** : 26957/JN4.14.1/PT.01.04/2023  
**Lamp.** : ---  
**Hal** : Permohonan Izin Penelitian  
  
**Yth.** : Kepala Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu  
 Cq. Bidang Penyelenggaraan Pelayanan Perizinan  
 Provinsi Sulawesi Selatan  
 Di  
 Tempat

Dengan hormat, kami sampaikan bahwa mahasiswa Program Pascasarjana Fakultas Kesehatan Masyarakat Universitas Hasanuddin yang tersebut di bawah ini :

**Nama** : Pupin Astuti  
**Nomor Pokok** : K012212032  
**Program Studi** : S2 Ilmu Kesehatan Masyarakat

Bermaksud melakukan penelitian dalam rangka persiapan penulisan tesis dengan judul "Faktor Risiko Kejadian Stunting Pada Anak Usia Baduta (6-24 Bulan) di Kabupaten Maros"

**Pembimbing Utama** : Prof. Dr. drg. Andi Zulkifli, M.Kes  
**Pembimbing Pendamping** : Prof. Dr. drg. A. Arsunan Arsin, M.Kes, CWM

**Waktu Penelitian** : November - Desember 2023

Sehubungan dengan hal tersebut kami mohon kebijaksanaan Bapak/Ibu kiranya berkenan memberi izin kepada yang bersangkutan.

Atas perhatian dan kerjasamanya, disampaikan terima kasih.

Makassar, 14 November 2023  
 an. Dekan.  
 Wakil Dekan Bidang Akademik dan Kemahasiswaan,



Dr. Wahiduddin, SKM.,M.Kes.  
 NIP 197604072005011004

**Tembusan Yth.:**  
 1. Dekan Fakultas Kesehatan Masyarakat Unhas;  
 2. Asip.



Catatan:

- UU ITE No. 11 Tahun 2009 Pasal 8 Ayat 1 "Informasi Elektronik identik Dokumen Elektronik merupakan hasil transaksi informasi dan data yang benar."
- Dokumen ini tidak dibenarkan untuk elektronik menggantikan surat elektronik yang ditentukan oleh UU.



## Lampiran 6. Surat Izin Penelitian dari PTSP



**PEMERINTAH PROVINSI SULAWESI SELATAN**  
**DINAS PENANAMAN MODAL DAN PELAYANAN TERPADU SATU PINTU**  
JL.Bougenville No.5 Telp. (0411) 441077 Fax. (0411) 448936  
Website : <http://simap-new.sulselprov.go.id> Email : [ptsp@sulselprov.go.id](mailto:ptsp@ sulselprov.go.id)  
Makassar 90231

Nomor	:	29567/S.01/PTSP/2023	Kepada Yth.
Lampiran	:	-	Bupati Maros
Perihal	:	<u>Izin penelitian</u>	

di-  
Tempat

Berdasarkan surat Dekan Fak. kesehatan Masyarakat UNHAS Makassar Nomor : 26957/UN4.14.1/PT.01.04/2023 tanggal 14 November 2023 perihal tersebut diatas, mahasiswa/peneliti dibawah ini:

Nama	:	PUPIN ASTUTI
Nomor Pokok	:	K012212032
Program Studi	:	Ilmu Kesehatan Masyarakat
Pekerjaan/Lembaga	:	Mahasiswa (S2)
Alamat	:	Jl. P. Kemerdekaan Km., 10 Makassar



Bermaksud untuk melakukan penelitian di daerah/kantor saudara dalam rangka menyusun Tesis, dengan judul :

**"FAKTOR RISIKO KEJADIAN STUNTING PADA ANAK USIA BADUTA (6-24 BULAN) DI KABUPATEN MAROS SULAWESI SELATAN"**

Yang akan dilaksanakan dari : Tgl. 20 November s/d 20 Desember 2023

Sehubungan dengan hal tersebut diatas, pada prinsipnya kami **menyetujui** kegiatan dimaksud dengan ketentuan yang tertera di belakang surat Izin penelitian.

Demikian Surat Keterangan ini diberikan agar dipergunakan sebagaimana mestinya.

Diterbitkan di Makassar  
Pada Tanggal 16 November 2023

**KEPALA DINAS PENANAMAN MODAL DAN PELAYANAN TERPADU  
SATU PINTU PROVINSI SULAWESI SELATAN**



**ASRUL SANI, S.H., M.SI.**  
Pangkat : PEMBINA TINGKAT I  
Nip : 19750321 200312 1 008

Tambahan Yth.

1. Dekan Fak. kesehatan Masyarakat UNHAS Makassar di Makassar;
2. Pendamping.

## Lampiran 7. Kode Etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN  
RISET, DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN

FAKULTAS KESEHATAN MASYARAKAT  
Jl. Perintis Kemerdekaan Km.10 Makassar 90246, Telp.(0411) 666565,  
E-mail : [fkm.unhas@gmail.com](mailto:fkm.unhas@gmail.com), website: <https://fkm.unhas.ac.id/>

### REKOMENDASI PERSETUJUAN ETIK

Nomor: 9910UN4.14.I/TP.01.02/2023

Tanggal: 06 November 2023

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan dengan Protokol berikut ini telah mendapatkan Persetujuan Etik:

No. Protokol	271023032254	No. Sponsor Protokol	
Peneliti Utama	Puput Astuti	Sponsoree	Pribadi
Judul Penelitian	Faktor Risiko Kejadian Stunting pada Anak Badut (6-24 Bulan) di Kabupaten Maros		
No.Versi Protokol	1	Tanggal Versi	27 Oktober 2023
No. Versi PSP	1	Tanggal Versi	27 Oktober 2023
Tempat Penelitian	Kabupaten Maros/Kec. Mandai, Kec. Mocunglor, Kec. Bantimurung		
Judul Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 06 November 2023 Sampai 06 November 2024	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian	Nama : Prof.Dr. Veni Hadje, M.Sc., Ph.D	Tanda tangan	 06 November 2023
Sekretaris Komisi Etik Penelitian	Nama : Dr. Wahiduddin, SKM., M.Kes	Tanda tangan	 06 November 2023

Kewajiban Peneliti Utama :

1. Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan.
2. Menyerahkan Laporan SAI ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan Lapor SUSAR dalam 72 Jam sejak Peneliti Utama menerima laporan.
3. Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian risiko tinggi dan setiap setahun untuk penelitian risiko rendah
4. Menyerahkan laporan akhir sejak Penelitian berakhir
5. Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation/violations)
6. Mematuhi semua peraturan yang ditentukan

## Lampiran 8. Surat Izin Penelitian dari Pemerintah Kabupaten Maros



**PEMERINTAH KABUPATEN MAROS**  
**DINAS PENANAMAN MODAL, PELAYANAN TERPADU SATU PINTU DAN**  
**KETENAGAKERJAAN**  
 Jl. Asrik No. 1 Telp. (0411) 273884 Kabupaten Maros  
 email: [admin@penanamanmodalmaros.go.id](mailto:admin@penanamanmodalmaros.go.id) Website: [www.penanamanmodalmaros.go.id](http://penanamanmodalmaros.go.id)

### **IZIN PENELITIAN**

Nomor: 50000/PPDPMPTSP/2023

#### **DASAR HUKUM :**

- Undang-Undang Republik Indonesia Nomor 18 tahun 2002 tentang Sistem Nasional Penelitian, Pengembangan, dan Penerapan Ilmu Pengetahuan dan Teknologi;
- Peraturan Menteri Dalam Negeri Nomor 7 Tahun 2014 tentang Perubahan Peraturan Menteri Dalam Negeri Nomor 64 Tahun 2011 tentang Pedoman Penelitian Rekomendasi Penelitian;
- Rekomendasi Tim Teknis Izin Penelitian Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu Kabupaten Maros Nomor: 556/XIREK-IPDPMPTSP/2023.

Dengan ini memberikan Izin Penelitian kepada

Nama	PUPIN ASTUTI
Nomor Pokok	K012212032
Tempat/Tgl Lahir	SABUNO / 23 Maret 1996
Jenis Kelamin	Perempuan
Pekerjaan	MAHASISWA (S2)
Alamat	JL. ADE IRMA NASUTION VI NO. 44 MAKASSAR
Tempat Masaikti	KEC. MANDAI KEC. TAMPALELI KEC. <u>percidong, lse</u>

Maksud dan Tujuan mengadakan penelitian dalam rangka Penyelesaian Tesis dengan Judul  
**"FAKTOR RISIKO KEJADIAN STINTING PADA ANAK USIA BADUTA (6-24 BULAN)  
 DI KABUPATEN MAROS SULAWESI SELATAN"**

Periode Penelitian: 20 November 2023 s/d 30 Desember 2023

Dengan ketentuan sebagai berikut:

- Minta dan semua peralatan diuruskan dengan yang bertujuan, serta menghormati Adat Ismeddi selempat
- Penelitian tidak menyimpang dari intisasi dan yang dibutuhkan
- Menyerahkan 1 (satu) eksemplar Foto Copy hasil penelitian kepada Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu Kabupaten Maros
- Surat Izin Penelitian ini diwajibkan tidak berlaku, bila manfaat pemergian izin ternyata tidak memenuhi ketentuan-ketentuan tersebut (B2B5)

Demikian Izin Penelitian ini diberikan untuk dipergunakan sebagaimana mestinya.



Maros, 20 November 2023

KEPALA DINAS,



**NURYADI, S.Sos., M.A.P.**

Pangkat : Pembina Tk.I

Nip : 19741006 199803 1 010

Tembusan Kepada Yth..

- Dekan Fakultas Kesehatan Masyarakat UNHAS di Makassar
- Arsip

## Lampiran 9. Analisis Statistik

### Pendidikan Ibu \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
Pendidikan Ibu	D3	Count	1	5	6
		% within Stunting	1.8%	8.9%	5.4%
	S1	Count	3	5	8
		% within Stunting	5.4%	8.9%	7.1%
	SD	Count	12	15	27
		% within Stunting	21.4%	26.8%	24.1%
	SMA	Count	21	23	44
		% within Stunting	37.5%	41.1%	39.3%
	SMP	Count	19	8	27
		% within Stunting	33.9%	14.3%	24.1%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### umur \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
umur	<20	Count	4	4	8
		% within Stunting	7.1%	7.1%	7.1%
	20-35	Count	43	43	86
		% within Stunting	76.8%	76.8%	76.8%
	>35	Count	9	9	18
		% within Stunting	16.1%	16.1%	16.1%
	Total	Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Usia saat melahirkan \* Stunting Crosstabulation

	<20		Stunting		
			Normal	Stunting	Total
Usia saat melahirkan	<20	Count	5	6	11
		% within Stunting	8.9%	10.7%	9.8%
	20-35	Count	44	43	87
		% within Stunting	78.6%	76.8%	77.7%
	>35	Count	7	7	14
		% within Stunting	12.5%	12.5%	12.5%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Usia saat menikah \* Stunting Crosstabulation

	<20		Stunting		
			Normal	Stunting	Total
Usia saat menikah	<20	Count	39	19	58
		% within Stunting	69.6%	33.9%	51.8%
	20-35	Count	17	37	54
		% within Stunting	30.4%	66.1%	48.2%
	Total	Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### IMT \* Stunting Crosstabulation

			Stunting		
			Normal	Stunting	Total
IMT	Underweight	Count	7	6	13
		% within Stunting	12.5%	10.7%	11.6%
	Normal	Count	37	33	70
		% within Stunting	66.1%	58.9%	62.5%
	Overweight	Count	12	17	29
		% within Stunting	21.4%	30.4%	25.9%
Total		Count	56	56	112

	% within Stunting	100.0%	100.0%	100.0%
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### Usia (Bulan) \* Stunting Crosstabulation

Usia (Bulan)			Stunting		Total
			Normal	Stunting	
			Count	Count	
6-12	Count		18	26	44
	% within Stunting		32.1%	46.4%	39.3%
13-24	Count		38	30	68
	% within Stunting		67.9%	53.6%	60.7%
Total	Count		56	56	112
	% within Stunting		100.0%	100.0%	100.0%

### Jenis Kelamin \* Stunting Crosstabulation

Jenis Kelamin			Stunting		Total
			Normal	Stunting	
			Count	Count	
L	Count		32	24	56
	% within Stunting		57.1%	42.9%	50.0%
P	Count		24	32	56
	% within Stunting		42.9%	57.1%	50.0%
Total	Count		56	56	112
	% within Stunting		100.0%	100.0%	100.0%

### Urutan Anak \* Stunting Crosstabulation

Urutan Anak			Stunting		Total
			Normal	Stunting	
			Count	Count	
Anak Pertama	Count		16	15	31
	% within Stunting		28.6%	26.8%	27.7%
Anak Ke-2	Count		15	23	38
	% within Stunting		26.8%	41.1%	33.9%
Anak Ke-3	Count		18	14	32

		% within Stunting	32.1%	25.0%	28.6%
Anak Ke-4 atau Lebih	Count	6	3	9	
	% within Stunting	10.7%	5.4%	8.0%	
5.00	Count	0	1	1	
	% within Stunting	0.0%	1.8%	0.9%	
6.00	Count	1	0	1	
	% within Stunting	1.8%	0.0%	0.9%	
Total	Count	56	56	112	
	% within Stunting	100.0%	100.0%	100.0%	

### BBL \* Stunting Crosstabulation

BBL	BBLR		Stunting		Total
			Normal	Stunting	
BBL	BBLR	Count	13	4	17
		% within Stunting	23.2%	7.1%	15.2%
Normal		Count	43	52	95
		% within Stunting	76.8%	92.9%	84.8%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Diare \* Stunting Crosstabulation

Diare			Stunting		Total
			Normal	Stunting	
Tidak		Count	37	37	74
		% within Stunting	66.1%	66.1%	66.1%
Ya		Count	19	19	38
		% within Stunting	33.9%	33.9%	33.9%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### ISPA \* Stunting Crosstabulation

			Stunting		Total	
			Normal	Stunting		
ISPA	Tidak	Count	38	31	69	
		% within Stunting	67.9%	55.4%	61.6%	
	Ya	Count	18	25	43	
		% within Stunting	32.1%	44.6%	38.3%	
Total		Count	56	56	112	
		% within Stunting	100.0%	100.0%	100.0%	

### Cacingan \* Stunting Crosstabulation

			Stunting		Total	
			Normal	Stunting		
Cacingan	Tidak	Count	52	52	104	
		% within Stunting	92.9%	92.9%	92.9%	
	Ya	Count	4	4	8	
		% within Stunting	7.1%	7.1%	7.1%	
Total		Count	56	56	112	
		% within Stunting	100.0%	100.0%	100.0%	

### Total Pendapatan \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
Total Pendapatan	<1,5 Jt	Count	18	26	44
		% within Stunting	32.1%	46.4%	39.3%
	> 3,5 Jt	Count	7	2	9
		% within Stunting	5.4%	3.6%	8.0%
	1,5-<2,5 Jt	Count	19	24	43
		% within Stunting	33.9%	50.0%	38.4%
	2,5-3,5 Jt	Count	12	4	16
		% within Stunting	21.4%	12.5%	14.3%
Total		Count	56	56	112

	% within Stunting	100.0%	100.0%	100.0%
--	-------------------	--------	--------	--------

### Kesulitan Keuangan dalam 1 tahun terakhir \* Stunting Crosstabulation

		Stunting		Total
		Normal	Stunting	
Kesulitan Keuangan dalam 1 tahun terakhir	Tidak	Count	34	36
		% within Stunting	60.7%	64.3%
	Ya	Count	22	20
		% within Stunting	39.3%	35.7%
Total		Count	56	56
		% within Stunting	100.0%	100.0%

### Menerima Bantuan Sosial \* Stunting Crosstabulation

		Stunting		Total
		Normal	Stunting	
Menerima Bantuan Sosial	Tidak	Count	41	46
		% within Stunting	73.2%	82.1%
	Ya	Count	15	10
		% within Stunting	26.8%	17.9%
Total		Count	56	56
		% within Stunting	100.0%	100.0%

### Kolostrum \* Stunting Crosstabulation

		Stunting		Total
		Normal	Stunting	
Kolostrum	Tidak	Count	8	14
		% within Stunting	14.3%	10.7%
	Ya	Count	48	50
		% within Stunting	85.7%	89.3%
Total		Count	56	56

% within Stunting	100.0%	100.0%	100.0%
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### ASI sampai 6 Bulan \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
ASI sampai 6 Bulan	Tidak	Count	15	12	27
		% within Stunting	26.8%	21.4%	24.1%
	Ya	Count	41	44	85
		% within Stunting	73.2%	78.6%	75.9%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### MPASI sebelum usia 6 bulan \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
MPASI sebelum usia 6 bulan	Tidak	Count	39	41	80
		% within Stunting	69.6%	73.2%	71.4%
	Ya	Count	17	15	32
		% within Stunting	30.4%	26.8%	28.6%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Anggota Keluarga Merokok \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
Anggota Keluarga Merokok	Tidak	Count	17	22	39
		% within Stunting	30.4%	39.3%	34.8%
	Ya	Count	39	34	73
		% within Stunting	69.6%	60.7%	65.2%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

	% within Stunting	100.0%	100.0%	100.0%
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### Ibu Mengetahui Stunting Sebelum Melahirkan \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
Ibu Mengetahui Stunting Sebelum Melahirkan	Tidak	Count	25	26	51
		% within Stunting	44.6%	46.4%	45.5%
	Ya	Count	31	30	61
		% within Stunting	55.4%	53.6%	54.5%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### IMT \* Stunting Crosstabulation

			Stunting		Total
			Normal	Stunting	
IMT	Underweight	Count	5	3	8
		% within Stunting	8.9%	5.4%	7.1%
	Normal	Count	35	33	68
		% within Stunting	62.5%	58.9%	60.7%
	Overweight	Count	16	20	36
		% within Stunting	28.6%	35.7%	32.1%
	Total	Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Crosstab

	Stunting		Total
	Normal	Stunting	

Pengetahuan Ibu	Cukup	Count	32	20	52
		% within Stunting	57.1%	35.7%	46.4%
	Kurang	Count	24	36	60
		% within Stunting	42.9%	64.3%	53.6%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Chi-Square Tests

			Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
	Value	df			
Pearson Chi-Square	5.169 <sup>a</sup>	1	.023		
Continuity Correction <sup>b</sup>	4.344	1	.037		
Likelihood Ratio	5.211	1	.022		
Fisher's Exact Test				.037	.018
Linear-by-Linear Association	5.123	1	.024		
N of Valid Cases	112				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 26.00.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2- sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	5.169	1	.023
Mantel-Haenszel	4.305	1	.038

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution. Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate	2.400
In(Estimate)	.875
Standard Error of In(Estimate)	.388
Asymptotic Significance (2-sided)	.024
Asymptotic 95% Confidence Interval	Common Odds Ratio
	Lower Bound
	1.121
	Upper Bound
	5.136
	In(Common Odds Ratio)
	Lower Bound
	.115
	Upper Bound
	1.636

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

Usia Saat Melahirkan	Risiko Rendah		Stunting		
			Normal	Stunting	Total
Risiko Tinggi		Count	46	45	91
		% within Stunting	82.1%	80.4%	81.3%
		Count	10	11	21
		% within Stunting	17.9%	19.6%	18.8%

Total	Count	56	56	112
	% within Stunting	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.059 <sup>a</sup>	1	.809		
Continuity Correction <sup>b</sup>	.000	1	1.000		
Likelihood Ratio	.059	1	.809		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	.058	1	.810		
N of Valid Cases	112				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 10,50.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	.059	1	.809
Mantel-Haenszel	.000	1	1.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate			1.124
In(Estimate)			.117
Standard Error of In(Estimate)			.485
Asymptotic Significance (2-sided)			.809
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.435
		Upper Bound	2.907
	In(Common Odds Ratio)	Lower Bound	-.833
		Upper Bound	1.067

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

Status Gizi	Risiko Rendah		Stunting		Total
			Normal	Stunting	
Status Gizi	Risiko Rendah	Count	54	18	72
		% within Stunting	96.4%	32.1%	64.3%
	Risiko Tinggi	Count	2	38	40
		% within Stunting	3.6%	67.9%	35.7%
Total		Count	56	56	112
		% within Stunting	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	50.400 <sup>a</sup>	1	.000		
Continuity Correction <sup>b</sup>	47.639	1	.000		
Likelihood Ratio	58.407	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	49.950	1	.000		
N of Valid Cases	112				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 20.00.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	50.400	1	.000
Mantel-Haenszel	47.214	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate			57.000
In(Estimate)			4.043
Standard Error of In(Estimate)			.775
Asymptotic Significance (2-sided)			.000
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	12.483
		Upper Bound	260.272
	In(Common Odds Ratio)	Lower Bound	2.524
		Upper Bound	5.562

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

Jenis Kelamin	Perempuan		Stunting		Total	
			Normal	Stunting		
Jenis Kelamin	Perempuan	Count	30	26	56	
		% within Stunting	53.6%	46.4%	50.0%	
	Laki-laki	Count	26	30	56	
		% within Stunting	46.4%	53.6%	50.0%	
Total		Count	56	56	112	
		% within Stunting	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.571 <sup>a</sup>	1	.450		
Continuity Correction <sup>b</sup>	.321	1	.571		
Likelihood Ratio	.572	1	.449		
Fisher's Exact Test				.571	.285
Linear-by-Linear	.566	1	.452		
Association					
N of Valid Cases	112				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 28,00.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	.571	1	.450
Mantel-Haenszel	.319	1	.572

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate		1.331
In(Estimate)		.286
Standard Error of In(Estimate)		.379
Asymptotic Significance (2-sided)		.450
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound .634 Upper Bound 2.798
	In(Common Odds Ratio)	Lower Bound -.456 Upper Bound 1.029

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

BBL	Normal		Stunting		Total	
			Normal	Stunting		
BBL	Normal	Count	49	45	94	
		% within Stunting	87.5%	80.4%	83.9%	
BBLR	BBLR	Count	7	11	18	
		% within Stunting	12.5%	19.6%	16.1%	
Total		Count	56	56	112	
		% within Stunting	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	1.059 <sup>a</sup>	1	.303		
Continuity Correction <sup>b</sup>	.596	1	.440		
Likelihood Ratio	1.067	1	.302		
Fisher's Exact Test				.441	.220
Linear-by-Linear	1.050	1	.306		
Association					
N of Valid Cases	112				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,00.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2- sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2- sided)
Cochran's	1.059	1	.303
Mantel-Haenszel	.590	1	.442

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate		1.711
In(Estimate)		.537
Standard Error of In(Estimate)		.526
Asymptotic Significance (2-sided)		.307
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound .611 Upper Bound 4.795
	In(Common Odds Ratio)	Lower Bound -.493 Upper Bound 1.568

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

ASI Eksklusif	Menerima ASI		Stunting			
			Normal	Stunting	Total	
Total	Menerima ASI	Count	48	25	73	
		% within Stunting	85.7%	44.6%	65.2%	
	Tidak Menerima ASI	Count	8	31	39	
		% within Stunting	14.3%	55.4%	34.8%	
		Count	56	56	112	
		% within Stunting	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	20.811 <sup>a</sup>	1	.000		
Continuity Correction <sup>b</sup>	19.040	1	.000		
Likelihood Ratio	21.857	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	20.625	1	.000		
N of Valid Cases	112				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 19.50.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	20.811	1	.000
Mantel-Haenszel	18.870	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate		7.440
In(Estimate)		2.007
Standard Error of In(Estimate)		.467
Asymptotic Significance (2-sided)		.000
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound Upper Bound
		2.979 18.582
	In(Common Odds Ratio)	Lower Bound Upper Bound
		1.092 2.922

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

			Stunting		Total	
			Normal	Stunting		
Urutan Kelahiran	Risiko Rendah	Count	50	52	102	
		% within Stunting	89.3%	92.9%	91.1%	
	Risiko Tinggi	Count	6	4	10	
		% within Stunting	10.7%	7.1%	8.9%	
Total		Count	56	56	112	
		% within Stunting	100.0%	100.0%	100.0%	

### Chi-Square Tests

			Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
	Value	df			
Pearson Chi-Square	.439 <sup>a</sup>	1	.508		
Continuity Correction <sup>b</sup>	.110	1	.740		
Likelihood Ratio	.442	1	.506		

Fisher's Exact Test				.742	.371
Linear-by-Linear Association	.435	1	.509		
N of Valid Cases	112				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 5,00.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	.439	1	.508
Mantel-Haenszel	.109	1	.741

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate	.641
In(Estimate)	-.445

Standard Error of ln(Estimate)		.675
Asymptotic Significance (2-sided)		.510
Asymptotic 95% Confidence Interval	Common Odds Ratio	
	Lower Bound	.171
	Upper Bound	2.408
	In(Common Odds Ratio)	
	Lower Bound	-1.768
	Upper Bound	.879

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

		Stunting		Normal	Stunting	Total	
		Count	% within Stunting				
Riwayat Penyakit Infeksi	Risiko Rendah	Count	47	13	60		
		% within Stunting	83.9%	23.2%	53.6%		
	Risiko Tinggi	Count	9	43	52		
		% within Stunting	16.1%	76.8%	46.4%		
Total		Count	56	56	112		
		% within Stunting	100.0%	100.0%	100.0%		

### Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	41.497 <sup>a</sup>	1	.000		
Continuity Correction <sup>b</sup>	39.092	1	.000		
Likelihood Ratio	44.630	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	41.127	1	.000		
N of Valid Cases	112				

a. 0 cells (0%) have expected count less than 5. The minimum expected count is 26.00.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	41.497	1	.000
Mantel-Haenszel	38.743	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate		17.274
In(Estimate)		2.849
Standard Error of In(Estimate)		.482
Asymptotic Significance (2-sided)		.000
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound Upper Bound
		6.713 44.450
	In(Common Odds Ratio)	Lower Bound
		1.904

Upper Bound	3.794
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The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

		Stunting		Total
		Normal	Stunting	
Paparan Asap Rokok	Risiko Rendah	Count	38	9
		% within Stunting	67.9%	16.1%
	Risiko Tinggi	Count	18	47
		% within Stunting	32.1%	83.9%
Total		Count	56	56
		% within Stunting	100.0%	100.0%

### Chi-Square Tests

			Asymptotic Significance (2-sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
	Value	df			
Pearson Chi-Square	30.832 <sup>a</sup>	1	.000		
Continuity Correction <sup>b</sup>	28.742	1	.000		
Likelihood Ratio	32.655	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	30.557	1	.000		
N of Valid Cases	112				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 23.50.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	30.832	1	.000
Mantel-Haenszel	28.486	1	.000

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate			11.025
In(Estimate)			2.400
Standard Error of In(Estimate)			.463
Asymptotic Significance (2-sided)			.000
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	4.450
		Upper Bound	27.313
	In(Common Odds Ratio)	Lower Bound	1.493
		Upper Bound	3.307

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Crosstab

Pendapatan Keluarga	Pendapatan Tinggi Rendah		Stunting		
			Normal	Stunting	Total
			Count	19	6
Pendapatan Keluarga	Pendapatan Tinggi Rendah	% within Stunting		33.9%	10.7%
	Pendapatan Rendah	Count	37	50	87
	Rendah	% within Stunting		66.1%	89.3%
Total		Count	56	56	112
		% within Stunting		100.0%	100.0%
					100.0%

### Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	8.703 <sup>a</sup>	1	.003		
Continuity Correction <sup>b</sup>	7.415	1	.006		
Likelihood Ratio	9.053	1	.003		
Fisher's Exact Test				.006	.003
Linear-by-Linear Association	8.625	1	.003		
N of Valid Cases	112				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12,50.

b. Computed only for a 2x2 table

### Tests of Homogeneity of the Odds Ratio

Chi-Squared	df	Asymptotic Significance (2- sided)

Breslow-Day	.000	0	.
Tarone's	.000	0	.

### Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	8.703	1	.003
Mantel-Haenszel	7.349	1	.007

Under the conditional independence assumption, Cochran's statistic is asymptotically distributed as a 1 df chi-squared distribution, only if the number of strata is fixed, while the Mantel-Haenszel statistic is always asymptotically distributed as a 1 df chi-squared distribution.

Note that the continuity correction is removed from the Mantel-Haenszel statistic when the sum of the differences between the observed and the expected is 0.

### Mantel-Haenszel Common Odds Ratio Estimate

Estimate	4.279
In(Estimate)	1.454
Standard Error of In(Estimate)	.516
Asymptotic Significance (2-sided)	.005
Asymptotic 95% Confidence Interval	Common Odds Ratio
	Lower Bound
	Upper Bound
	In(Common Odds Ratio)
	Lower Bound
	Upper Bound

The Mantel-Haenszel common odds ratio estimate is asymptotically normally distributed under the common odds ratio of 1,000 assumption. So is the natural log of the estimate.

### Case Processing Summary

Unweighted Cases <sup>a</sup>		N	Percent
Selected Cases	Included in Analysis	112	100.0
	Missing Cases	0	.0
	Total	112	100.0
Unselected Cases		0	.0
Total		112	100.0

a. If weight is in effect, see classification table for the total number of cases.

### Dependent Variable Encoding

Original Value	Internal Value
Normal	0
Stunting	1

**Classification Table<sup>a,b</sup>**

	Observed	Predicted		Percentage	
		Stunting			
		Normal	Stunting		
Step 0	Stunting	Normal	0	56 .0	
		Stunting	0	56 100.0	
Overall Percentage				50.0	

a. Constant is included in the model.

b. The cut value is ,500

### Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.000	.189	.000	1	1.000

### Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Pengetahuan Ibu	5.169	1	.023
		Status Gizi	50.400	1	.000
		ASI Eksklusif	20.811	1	.000
		Riwayat Penyakit Infeksi	41.497	1	.000
		Paparan Asap Rokok	30.832	1	.000
		Pendapatan Keluarga	8.703	1	.003
Overall Statistics			75.898	6	.000

### Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	106.240	6	.000
	Block	106.240	6	.000
	Model	106.240	6	.000

### Model Summary

Step	-2 Log likelihood	Cox & Snell R	Nagelkerke R
		Square	Square
1	49.025 <sup>a</sup>	.613	.817

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than ,001.

### Classification Table<sup>a</sup>

Step 1	Stunting	Observed	Predicted		Percentage Correct	
			Stunting			
			Normal	Stunting		
	Normal		49	7	87.5	
				52	92.9	
	Overall Percentage				90.2	

a. The cut value is ,500

### Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
Step								Lower	Upper
1 <sup>a</sup>	Pengetahuan Ibu	.696	.814	.731	1	.393	2.006	.407	9.887
	Status Gizi	3.810	1.034	13.564	1	.000	45.146	5.944	342.88
	ASI Eksklusif	1.900	.875	4.712	1	.030	6.686	1.203	37.173
	Riwayat Penyakit Infeksi	2.856	.863	10.938	1	.001	17.385	3.200	94.434
	Paparan Asap Rokok	2.018	.895	5.088	1	.024	7.527	1.303	43.478
	Pendapatan Keluarga	2.312	1.056	4.793	1	.029	10.090	1.274	79.912
	Constant	-	4.325	21.751	1	.000	.000		
			20.171						

a. Variable(s) entered on step 1: Pengetahuan Ibu, Status Gizi, ASI Eksklusif, Riwayat Penyakit Infeksi, Paparan Asap Rokok, Pendapatan Keluarga.

### Case Processing Summary

Unweighted Cases <sup>a</sup>	N	Percent
Selected Cases	Included in Analysis	112
	Missing Cases	0
	Total	112
Unselected Cases	0	.0
Total	112	100.0

a. If weight is in effect, see classification table for the total number of cases.

## Dependent Variable Encoding

Original Value	Internal Value
Normal	0
Stunting	1

**Classification Table<sup>a,b</sup>**

			Predicted		Percentage Correct	
			Stunting			
			Normal	Stunting		
Step 0	Stunting	Normal	0	56	.0	
		Stunting	0	56	100.0	
	Overall Percentage				50.0	

a. Constant is included in the model.

b. The cut value is ,500

## Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.000	.189	.000	1	1.000

## Variables not in the Equation

	Variables	Score	df	Sig.
Step 0	Status Gizi	50.400	1	.000
	ASI Eksklusif	20.811	1	.000
	Riwayat Penyakit Infeksi	41.497	1	.000
	Paparan Asap Rokok	30.832	1	.000
	Pendapatan Keluarga	8.703	1	.003
	Overall Statistics	75.648	5	.000

### Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	105.493	5	.000
	Block	105.493	5	.000
	Model	105.493	5	.000

### Model Summary

Step	-2 Log likelihood	Cox & Snell R	Nagelkerke R
		Square	Square
1	49.772 <sup>a</sup>	.610	.813

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than ,001.

### Classification Table<sup>a</sup>

Step 1	Stunting	Observed	Predicted		Percentage	
			Stunting			
			Normal	Stunting		
	Normal		50	6	89.3	
			5	51	91.1	
	Overall Percentage				90.2	

a. The cut value is ,500

### Variables in the Equation

Step	Status Gizi	B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								)	Lower
1 <sup>a</sup>		3.859	1.043	13.68	1	.000	47.42	6.137	366.4
					3		6		78

ASI Eksklusif	1.721	.840	4.204	1	.040	5.592	1.079	28.99
								0
Riwayat Penyakit Infeksi	2.963	.852	12.09	1	.001	19.35	3.644	102.8
Paparan Asap Rokok	2.157	.895	5.811	1	.016	8.646	1.497	49.95
Pendapatan Keluarga	2.428	1.049	5.355	1	.021	11.33	1.450	88.58
Constant	-	4.244	21.12	1	.000	.000		
	19.50		8					
	9							

a. Variable(s) entered on step 1: Status Gizi, ASI Eksklusif, Riwayat Penyakit Infeksi, Paparan Asap Rokok, Pendapatan Keluarga.

**Lampiran 10. Dokumentasi Kegiatan Penelitian**

**Lampiran 11. Biodata Penulis**

Nama : Pupin Astuti  
Tempat/Tanggal Lahir : Sabiano, 23 Maret 1998  
Agama : Islam  
Suku/Bangsa : Bugis/Indonesia  
Alamat : Dusun IV Kowuna Desa Sabiano  
E-mail : [pupinastuti98@gmail.com](mailto:pupinastuti98@gmail.com)  
Nama Orang Tua :  
Ayah : Nasir. R  
Ibu : Sarita  
Pendidikan : SDN 1 Sabiano; Tahun 2004-2010  
SMPN 2 Wundulako; Tahun 2010-2013  
SMAN 1 Wundulako; Tahun 2013-2016  
Universitas Hasanuddin, Tahun 2017-2021  
Universitas Hasanuddin, Tahun 2022-2024