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LAMPIRAN-LAMPIRAN

Lampiran 1. Lembar Informasi Penelitian

LEMBAR INFORMASI PENELITIAN (*INFORMED CONSENT FORM*) ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13-15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR

Perkenalkan saya Wahyuni Nurqadriyani Bustan, mahasiswa S2 Program Studi Ilmu Kesehatan Masyarakat Universitas Hasanuddin, akan melakukan penelitian mengenai **"Analisis Determinan Koeksistensi Anemia dan Stunting pada Remaja Putri Usia 13-15 Tahun di Kecamatan Galesong Selatan Kabupaten Takalar"**. Penelitian ini bertujuan untuk mengetahui berbagai faktor risiko yang berhubungan degan kejadian anemia dan stunting pada remaja putri.

Tahapan kegiatan yang akan dilaksanakan dalam penelitian ini antara lain:

1. Pemeriksaan kadar hemoglobin dan pengukuran tinggi badan untuk mengetahui status anemia dan stunting pada responden.
2. Wawancara dan pengisian kuesioner terkait kondisi sosio-demografi, karakteristik responden, dan tingkat pengetahuan.

Wawancara kuesioner dan pengukuran ini akan memerlukan waktu kurang lebih 15 menit/orang, sehingga hal ini cukup menyita waktu responden. Oleh karena itu, kami meminta kesediaan waktu dan persetujuan responden untuk mengikuti prosedur selama penelitian.

Partisipasi responden dalam penelitian ini bersifat sukarela dan tidak memaksa, sehingga responden dapat menolak atau mengundurkan diri jika tidak bersedia. Semua informasi wawancara dan pengukuran yang responden berikan kepada kami akan dijaga kerahasiaannya sehingga kejujuran responden dalam menjawab kuesioner ini akan sangat kami hargai. Untuk keterangan lebih lanjut, responden dapat menghubungi kontak peneliti **Wahyuni Nurqadriyani Bustan: 082394518622**. Atas kesediaan dan partisipasinya, kami ucapkan terima kasih. Apabila Anda bersedia berpartisipasi dalam penelitian ini sebagai responden, silahkan mengisi lembar persetujuan yang telah disiapkan.

Lampiran 2. Lembar Persetujuan Menjadi Responden Penelitian

LEMBAR PERSETUJUAN MENJADI RESPONDEN PENELITIAN

Yang bertanda tangan dibawah ini:

Nama/Inisial :

Tanggal lahir/umur :

Kelas :

Nama Sekolah :

No. Hp :

Setelah mendengar/membaca dan mengerti penjelasan yang diberikan mengenai apa yang dilakukan pada penelitian dengan judul "**Analisis Determinan Koeksistensi Anemia dan Stunting pada Remaja Putri Usia 13-15 Tahun di Kecamatan Galesong Selatan Kabupaten Takalar"**, maka saya bersedia berpartisipasi dalam penelitian ini. Saya mengerti bahwa pada penelitian ini maka ada beberapa pertanyaan-pertanyaan yang harus saya jawab, dan sebagai responden saya akan menjawab pertanyaan yang diajukan dengan jujur.

Saya percaya bahwa keamanan dan kerahasiaan data yang diperoleh dari saya sebagai responden akan terjamin dan saya dengan ini menyetujui semua informasi dari saya yang dihasilkan pada penelitian ini dapat dipublikasikan dalam bentuk lisan maupun tulisan dengan tidak mencantumkan nama. Bila terjadi perbedaan pendapat dikemudian hari, kami akan menyelesaikannya secara kekeluargaan.

Makassar, 2022

Responden

(_____)

Penanggung Jawab Penelitian :
Nama : Wahyuni Nurqadriyani Bustan
Alamat : Jalan Mannuruki Raya No. 48, Kecamatan Tamalate, Makassar 90221
Tlp/HP : 082394518622
Email : wahyuninurqadriyanibustan@gmail.com

Lampiran 3. Kuesioner Penelitian

KUESIONER PENELITIAN

1. Data Demografi, Karakteristik Responden dan Kesehatan Lingkungan

	A. Keterangan Tempat & Identitas Responden	
A.1	Desa/Kelurahan	
A.2	No. Urut Sampel Rumah Tangga (diisi oleh peneliti)	
A.3	Nama Sekolah	
A.4	Nama Responden	
A.5	Tanggal lahir	
A.6	Kelas	
A.7	Ukuran TB/U (diisi oleh peneliti)	
A.8	Kadar Hemoglobin (diisi oleh peneliti)	
A.9	No. Handphone	
A.10	Alamat Rumah	
A.11	Berapa usia Anda saat haid pertama kali?	
A.12	Berapa kali Anda makan dalam sehari?	a. 1x/hari b. 2x/hari c. 3x/hari d. 4x/hari e. ≥ 5x hari
	B. Keterangan Rumah Tangga	
B.1	Pekerjaan Orang Tua: 1. Ayah 2. Ibu	
B.2	Pendidikan Terakhir Orang Tua: 1. Ayah 2. Ibu	
Pilihan jawaban untuk bagian B.1 & B.2: Tingkat Pendidikan Terakhir 1= Tidak tamat sekolah 2= Tidak tamat SD 3= Tamat SD 4= Tamat SLTP 5= Tamat SLTA 6= Tamat PT	Jenis Pekerjaan Utama 1= PNS/TNI/Polri/BUMN/BUMD 2= Pegawai Swasta 3= Wiraswasta/pedagang 4= Petani 5= Nelayan 6= Buruh 7= IRT 8= Dan lain-lain	
B.3	Jumlah Anggota Keluarga (pilih salah satu jawaban)	a. > 4 orang b. ≤ 4 orang
B.4	Pendapatan keluarga (pilih salah satu jawaban)	a. 0 - Rp. 500.000,00 b. > Rp 500.000,00 – Rp 1.000.000,00 c. > Rp 1.000.000,00 - Rp 2.000.000,00 d. > Rp 2.000.000,00 – Rp 3.000.000,00 e. > Rp. 3.000.000,00 – Rp 4.000.000,00 f. ≥ Rp 4.000.000,00
	C. Informasi Dasar Rumah Tangga & Kesehatan Lingkungan	
C.1	Apa jenis sumber air yang utama untuk seluruh keperluan rumah tangga anda? (tandai salah satu pilihan) : a. Air ledeng/PDAM b. Air ledeng eceran/membeli c. Sumur bor/pompa d. Sumur gali terlindung e. Sumur gali tak terlindung f. Mata air terlindung g. Mata air tak terlindung h. Penampungan air hujan i. Air sungai/danau/irigasi	
C.3	Bagaimana penggunaan fasilitas tempat buang air besar sebagian besar anggota rumah tangga? a. Milik sendiri b. Milik bersama d. Numpang dengan tetangga e. Tidak ada	

2. Kuesioner Asupan Gizi

FORMULIR FREKUENSI MAKANAN

SQ-FFQ (*SEMI QUANTITATIVE FOOD FREQUENCY QUESTIONNARE*)

Hari/Tanggal :
Nama Responden :
No. Responden :

No	Nama Makanan	Berat (g)	Porsi	Frekuensi				Porsi			Rata-rata	Berat
				x/H	X/M	x/B	Tdk Prnh	K	S	B	x/H	g/H
Makanan Pokok												
1.	Nasi putih	200	1 prg sdg									
2.	Nasi kuning	200	1 prg sdg									
3.	Nasi goreng	200	1 prg sdg									
4.	Roti tawar	30	2 iris									
5.	Mie instan	80	1 bks									
6.	Kentang	40	1 bh sdg									
Lauk Hewani												
7.	Daging sapi	35	1 ptg sdg									
8.	Hati sapi	50	1 ptg sdg									
9.	Daging ayam	45	1 ptg sdg									
10.	Hati ayam	35	1 bh sdg									
11.	Ikan baronang	45	1/3 ekor									
12.	Ikan layang	45	1/3 ekor									
13.	Ikan kakap	45	1/3 ekor									
14.	Ikan cakalang	45	1/3 ekor									
15.	Ikan bandeng	45	1/3 ekor									
16.	Ikan kembung/ katombo	45	1/3 ekor									
17.	Ikan bete-bete	45	1 ekor kcl									
18.	Ikan mairo	45	10 ekor kcl									
19.	Ikan air tawar (ikan mujair, mas, lele, dll)	45	1/3 ekor									
20.	Ikan kering	20	11 ekor									
21.	Ikan teri	15	2 sdm									
22.	Udang segar	35	4 ekor sdg									
23.	Kepiting	30	1 ekor									
24.	Kerang/tiram	10	1 bh									
25.	Cumi-cumi	45	1 ekor kcl									
26.	Bakso	25	1 biji									
27.	Sosis	20	1 biji									
28.	Telur ayam ras	55	1 btr									
29.	Telur ayam kampung	40	1 btr									
30.	Telur bebek	60	1 btr									
31.	Telur puyuh	10	2 btr									

32.	Lainnya											
Lauk Nabati												
33.	Tahu	110	1 ptg bsr									
34.	Tempe	50	2 ptg sdg									
35.	Kacang hijau	15	1 sdm									
36.	Kacang tanah	15	1 sdm									
37.	Lainnya											
Sayuran												
38.	Bayam	50	1 prg									
39.	Brokoli	100	1 gls									
40.	Buncis	50	7 bh									
41.	Daun singkong	50	1 prg									
42.	Jagung	50	1/3 ptg									
43.	Jamur	15	1 ½ sdm									
44.	Jantung pisang	15	1 sdm									
45.	Kacang panjang	50	3 bh									
46.	Kangkung	50	1 prg									
47.	Kembang kol	20	2 sdm									
48.	Kol	50	1/8 ptg									
49.	Labu kuning	50	1 ptg sdg									
50.	Labu siam	50	1 ptg sdg									
51.	Mentimun	20	2 slice									
52.	Nangka Muda	20	2 sdm									
53.	Rebung	30	2 sdm									
54.	Sawi hijau	50	1 prg									
55.	Tauge	15	1 sdm									
56.	Terong	50	½ ptg									
57.	Tomat	25	1 biji									
58.	Wortel	50	½ bh									
59.	Lainnya											
Buah-buahan												
60.	Alpukat	50	½ buah									
61.	Apel	75	½ buah									
62.	Jambu	100	1 bh sdg									
63.	Jeruk	150	1 bh sdg									
64.	Kedondong	100	1 bh sdg									

65.	Mangga	90	½ bh sdg									
66.	Pepaya	110	1 ptg sdg									
67.	Rambutan	75	5 buah									
68.	Semangka	180	2 ptg sdg									
69.	Anggur	125	11 buah									
70.	Pir	85	½ buah									
71.	Pisang	50	1 buah									
72.	Salak	80	1 buah									
73.	Durian	35	3 biji									
74.	Langsat	75	5 buah									
75.	Melon	100	½ ptg bsr									
76.	Nanas	95	¼ bh sdg									
77.	Lainnya											
Minuman & Suplemen												
78.	Susu bubuk	10	1 sdm									
79.	Susu UHT	200	1 gls									
80.	Susu kental manis	10	1 sdm									
81.	Susu kaleng	240	1 klg									
82.	Energen	30	1 bks									
83.	Keju	10	1 sdm									
84.	Es krim cup	125	1 cup									
85.	Es krim stik (Feast, Paddle pop, dll)	65	1 bks									
86.	Suplemen TTD		1 tablet									
Makanan Jajanan												
87.	Donat	65	1 bh									
88.	Risoles	50	1 bh									
89.	Pudding	65	1 bh									
90.	Brownis	30	1 bh									
91.	Ubi jalar goreng	60	1 bh									
92.	Sukun goreng	13	1 bh									
93.	Pisang goreng	60	1 bh									
94.	Bakwan	40	1 bh									
95.	Perkedel jagung	40	1 bh									
96.	Terang bulan	50	1 ptg sdg									
97.	Martabak	40	1 ptg sdg									
98.	Pisang ijo	60	1 bh									
99.	Pallu butung	220	1 mgk									

100.	Tella-tella	120	1 prg									
101.	Jalangkote	65	1 bh									
102.	Tahu isi	20	1 bh									
103.	Soto ayam	225	1 mgk									
104.	Coto	400	1 mgk									
105.	Mie bakso	370	1 mgk									
106.	Pangsit	390	1 mgk									
107.	Gado-gado	430	1 prg									
108.	Batagor	220	1 prg									
109.	Siomay	160	1 mgk									
110.	Mie titi	400	1 prg									
111.	Sate ayam	80	5 tsk									
112.	Kapurung											
113.	Lainnya.....											

3. Kuesioner Tingkat Pengetahuan

PETUNJUK UMUM

1) Bacalah pernyataan di bawah ini dengan teliti dan pilihlah satu jawaban dengan memberi tanda (√) pada huruf **B** (Benar) bila pernyataan dianggap benar dan huruf **S** (Salah) bila pernyataan dianggap salah.
2) Anda dimohon menjawab pernyataan ini dengan jujur, apa adanya, sesuai dengan yang diketahui tanpa bertanya kepada orang lain.
3) Jawaban yang anda berikan sangat kami hargai dan kerahasiaan anda akan kami jaga sebaik-baiknya.

No	Pernyataan	Tanggapan	
		B	S
1.	Anemia merupakan keadaan dengan kadar hemoglobin yang lebih tinggi dari nilai normalnya.		
2.	Batas normal kadar hemoglobin pada remaja putri adalah 12 gr/dl.		
3.	Kulit dan telapak tangan pucat bukan merupakan tanda-tanda dari gejala anemia.		
4.	Anemia defisiensi besi merupakan jenis anemia paling umum terjadi pada remaja.		
5.	Tablet tambah darah tidak dapat diberikan kepada remaja.		
6.	Asupan zat besi berperan besar terhadap kesehatan mata.		
7.	Minuman kopi dan teh dapat menghambat penyerapan zat besi.		
8.	Porsi makan remaja yang baik adalah tergantung selera remaja.		
9.	Ciri-ciri anak yang mengalami stunting adalah memiliki tubuh yang gemuk.		
10.	Rendahnya asupan gizi di dalam tubuh bukan merupakan faktor risiko terjadinya stunting.		
11.	Kejadian stunting tidak dapat mempengaruhi kemampuan kognitif dan daya tahan tubuh.		
12.	Menerapkan kebiasaan pola hidup bersih dan sehat bukan merupakan pencegahan stunting.		
13.	Makanan manis dengan banyak gula dapat menghambat pertumbuhan dan perkembangan anak.		
14.	Kekurangan asupan protein tidak berdampak buruk bagi kesehatan anak.		
15.	Remaja yang terserang stunting lebih mudah terserang penyakit daripada remaja yang sehat.		

Lampiran 4. Kisi-Kisi dan Kunci Jawaban Kuesioner Tingkat Pengetahuan

No.	Distribusi Topik Anemia dan Stunting	Jawaban
Materi seputar masalah anemia		
1	Pengertian anemia	S
2	Batas normal kadar hemoglobin	B
3	Gejala anemia secara fisik	S
4	Jenis anemia	B
5	Pencegahan anemia dengan peningkatan asupan zat besi	S
6	Fungsi zat besi pada kesehatan tubuh	S
7	Minuman yang menghambat penyerapan zat besi	B
8	Porsi makan yang baik untuk remaja	S
9	Ciri-ciri stunting	S
10	Faktor risiko terjadinya stunting	S
11	Dampak terjadinya stunting	S
12	Pencegahan stunting dengan penerapan pola asuh yang baik	S
13	Dampak makanan mengandung gula	B
14	Dampak kekurangan asupan protein	S
15	Perbedaan anak yang mengalami stunting dengan anak yang tidak stunting	B

Sumber: Data Primer, 2022

Lampiran 5. Kuesioner Tingkat Pengetahuan untuk Uji Validitas dan Reliabilitas

No	Pernyataan	Tanggapan	
		B	S
1.	Anemia merupakan keadaan dengan kadar hemoglobin yang lebih tinggi dari nilai normalnya.		S
2.	Batas normal kadar hemoglobin pada remaja putri adalah 12 gr/dl.	B	
3.	Kulit dan telapak tangan pucat bukan merupakan tanda-tanda dari gejala anemia.		S
4.	Remaja yang sedang mengalami menstruasi tidak memerlukan asupan zat besi yang lebih banyak.		S
5.	Anemia defisiensi besi merupakan jenis anemia paling umum terjadi pada remaja.	B	
6.	Tablet tambah darah tidak dapat diberikan kepada remaja.		S
7.	Asupan zat besi berperan besar terhadap kesehatan mata.		S
8.	Anemia gizi tidak berpengaruh terhadap pertumbuhan tinggi badan.		S
9.	Daging, hati dan telur merupakan sumber zat besi.	B	
10.	Minuman kopi dan teh dapat menghambat penyerapan zat besi.	B	
11.	Kekurangan vitamin B12 dapat menyebabkan seseorang mengalami anemia.	B	
12.	Porsi makan remaja yang baik adalah tergantung selera remaja.		S
13.	Ciri-ciri anak yang mengalami stunting adalah memiliki tubuh yang gemuk.		S
14.	Stunting merupakan kondisi gagal pertumbuhan dimana tinggi badan tidak sesuai dengan umurnya.	B	
15.	Pengukuran Lingkar Lengan Atas (LiLA) dapat digunakan untuk mengetahui risiko stunting.		S
16.	Rendahnya asupan gizi di dalam tubuh bukan merupakan faktor risiko terjadinya stunting.		S
17.	Salah satu dampak terjadinya stunting adalah meningkatnya risiko penyakit infeksi seperti diare.	B	
18.	Kejadian stunting tidak dapat mempengaruhi kemampuan kognitif dan daya tahan tubuh.		S
19.	Menerapkan kebiasaan pola hidup bersih dan sehat bukan merupakan pencegahan stunting.		S
20.	Pola asuh orang tua yang baik dapat menyebabkan terjadinya stunting.		S
21.	Makanan manis dengan banyak gula dapat menghambat perkembangan anak.	B	
22.	Susu dan kacang-kacangan bukan termasuk sumber kalsium.		S
23.	Kekurangan asupan protein tidak berdampak buruk bagi kesehatan anak.		S
24.	Sayur dan buah banyak mengandung protein dan lemak.		S
25.	Remaja yang terserang stunting lebih mudah terserang penyakit daripada remaja yang sehat.	B	

Lampiran 6. Hasil Analisis SPSS

HASIL ANALISIS SPSS

1. Hasil uji validitas dan reliabilitas

a) Uji validitas

Correlations

		VAR00023	VAR00024	VAR00025	TOTAL
VAR00001	Pearson Correlation	.091	.631**	.091	.560**
	Sig. (2-tailed)	.625	.000	.625	.001
	N	31	31	31	31
VAR00002	Pearson Correlation	-.120	.029	-.120	.461**
	Sig. (2-tailed)	.521	.878	.521	.009
	N	31	31	31	31
VAR00003	Pearson Correlation	.053	.053	.053	.613**
	Sig. (2-tailed)	.778	.778	.778	.000
	N	31	31	31	31
VAR00004	Pearson Correlation	-.091	-.361*	-.091	-.344
	Sig. (2-tailed)	.625	.046	.625	.058
	N	31	31	31	31
VAR00005	Pearson Correlation	.091	.631**	.091	.560**
	Sig. (2-tailed)	.625	.000	.625	.001
	N	31	31	31	31
VAR00006	Pearson Correlation	-.120	.029	-.120	.461**
	Sig. (2-tailed)	.521	.878	.521	.009
	N	31	31	31	31
VAR00007	Pearson Correlation	.053	.053	.053	.613**
	Sig. (2-tailed)	.778	.778	.778	.000
	N	31	31	31	31
VAR00008	Pearson Correlation	-.079	.354	-.079	.275
	Sig. (2-tailed)	.672	.051	.672	.135
	N	31	31	31	31
VAR00009	Pearson Correlation	-.361*	-.091	-.361*	.022
	Sig. (2-tailed)	.046	.625	.046	.907
	N	31	31	31	31
VAR00010	Pearson Correlation	.053	.053	.053	.613**
	Sig. (2-tailed)	.778	.778	.778	.000
	N	31	31	31	31
VAR00011	Pearson Correlation	-.025	-.179	-.025	-.288
	Sig. (2-tailed)	.894	.335	.894	.116
	N	31	31	31	31
VAR00012	Pearson Correlation	-.029	.120	-.029	.381*
	Sig. (2-tailed)	.878	.521	.878	.034
	N	31	31	31	31
VAR00013	Pearson Correlation	1.000**	.014	1.000**	.488**
	Sig. (2-tailed)	.000	.942	.000	.005
	N	31	31	31	31
VAR00014	Pearson Correlation	.223	.079	.223	.152
	Sig. (2-tailed)	.227	.672	.227	.414
	N	31	31	31	31
VAR00015	Pearson Correlation	.044	-.091	.044	-.028
	Sig. (2-tailed)	.816	.625	.816	.882

	N	31	31	31	31
VAR00016	Pearson Correlation	-.029	.120	-.029	.381*
	Sig. (2-tailed)	.878	.521	.878	.034
	N	31	31	31	31
VAR00017	Pearson Correlation	.036	-.103	.036	.073
	Sig. (2-tailed)	.849	.582	.849	.698
	N	31	31	31	31
VAR00018	Pearson Correlation	-.029	.120	-.029	.381*
	Sig. (2-tailed)	.878	.521	.878	.034
	N	31	31	31	31
VAR00019	Pearson Correlation	1.000**	.014	1.000**	.488**
	Sig. (2-tailed)	.000	.942	.000	.005
	N	31	31	31	31
VAR00020	Pearson Correlation	-.044	-.044	-.044	.327
	Sig. (2-tailed)	.816	.816	.816	.072
	N	31	31	31	31
VAR00021	Pearson Correlation	-.029	.120	-.029	.381*
	Sig. (2-tailed)	.878	.521	.878	.034
	N	31	31	31	31
VAR00022	Pearson Correlation	.241	.241	.241	.217
	Sig. (2-tailed)	.191	.191	.191	.240
	N	31	31	31	31
VAR00023	Pearson Correlation	1	.014	1.000**	.488**
	Sig. (2-tailed)		.942	.000	.005
	N	31	31	31	31
VAR00024	Pearson Correlation	.014	1	.014	.349
	Sig. (2-tailed)	.942		.942	.054
	N	31	31	31	31
VAR00025	Pearson Correlation	1.000**	.014	1	.488**
	Sig. (2-tailed)	.000	.942		.005
	N	31	31	31	31
TOTAL	Pearson Correlation	.488**	.349	.488**	1
	Sig. (2-tailed)	.005	.054	.005	
	N	31	31	31	31

b) Uji reliabilitas

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded[a]	0	.0
	Total	31	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.681	26

2. Hasil analisis univariat

SEKOLAH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SMPN 3 GALESONG SELATAN	101	40.9	40.9	40.9
	SMPN 4 GALESONG SELATAN	57	23.1	23.1	64.0
	MTS KANAENG	46	18.6	18.6	82.6
	MTS MUHZIRAH	7	2.8	2.8	85.4
	MTS BONTOKANANG	13	5.3	5.3	90.7
	MTS BONTOMARANNU	23	9.3	9.3	100.0
	Total	247	100.0	100.0	

KELAS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KELAS VII	20	8.1	8.1	8.1
	KELAS VIII	103	41.7	41.7	49.8
	KELAS IX	124	50.2	50.2	100.0
	Total	247	100.0	100.0	

USIA

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	13 TAHUN	169	68.4	68.4	68.4
	14 TAHUN	74	30.0	30.0	98.4
	15 TAHUN	4	1.6	1.6	100.0
	Total	247	100.0	100.0	

STATUS GIZI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURUS	160	64.8	64.8	64.8
	NORMAL	72	29.1	29.1	93.9
	GEMUK	15	6.1	6.1	100.0
	Total	247	100.0	100.0	

ANEMIA

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ANEMIA	43	17.4	17.4	17.4
	TIDAK ANEMIA	204	82.6	82.6	100.0
	Total	247	100.0	100.0	

STUNTING

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STUNTING	62	25.1	25.1	25.1
	TIDAK STUNTING	185	74.9	74.9	100.0
	Total	247	100.0	100.0	

IMT/U

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Gizi Buruk	8	3.2	3.2	3.2
	Gizi Kurang	27	10.9	10.9	14.2
	Normal	185	74.9	74.9	89.1
	Gizi Lebih	20	8.1	8.1	97.2
	Obesitas	7	2.8	2.8	100.0

	Total	247	100.0	100.0	

ANEMIA-STUNTING

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ANEMIA-STUNTING	14	5.7	5.7	5.7
	TIDAK ANEMIA-STUNTING	233	94.3	94.3	100.0
	Total	247	100.0	100.0	

PEKERJAAN AYAH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	PNS/TNI/Polri/BUMN/BUMD	6	2.4	2.4	2.4
	Pegawai Swasta	10	4.0	4.0	6.5
	Wiraswasta/pedagang	56	22.7	22.7	29.1
	Nelayan	74	30.0	30.0	59.1
	Buruh	23	9.3	9.3	68.4
	Petani	68	27.5	27.5	96.0
	Dan lain-lain	10	4.0	4.0	100.0
	Total	247	100.0	100.0	

PEKERJAAN IBU

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	PNS/TNI/Polri/BUMN/BUMD	2	.8	.8	.8
	Pegawai Swasta	8	3.2	3.2	4.0
	Wiraswasta/pedagang	21	8.5	8.5	12.6
	Ibu Rumah Tangga	205	83.0	83.0	95.5
	Petani	6	2.4	2.4	98.0
	Dan lain-lain	5	2.0	2.0	100.0
	Total	247	100.0	100.0	

PENDIDIKAN AYAH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak sekolah	2	.8	.8	.8
	Tidak tamat SD	7	2.8	2.8	3.6
	Tamat SD/sederajat	91	36.8	36.8	40.5
	Tamat SLTP/sederajat	72	29.1	29.1	69.6
	Tamat SLTA/sederajat	68	27.5	27.5	97.2
	Tamat PT	7	2.8	2.8	100.0
	Total	247	100.0	100.0	

PENDIDIKAN IBU

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak sekolah	6	2.4	2.4	2.4
	Tidak tamat SD	4	1.6	1.6	4.0
	Tamat SD/sederajat	79	32.0	32.0	36.0
	Tamat SLTP/sederajat	75	30.4	30.4	66.4
	Tamat SLTA/sederajat	78	31.6	31.6	98.0
	Tamat PT	5	2.0	2.0	100.0
	Total	247	100.0	100.0	

JUMLAH ART

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	>4	148	59.9	59.9	59.9
	≤4	99	40.1	40.1	100.0
	Total	247	100.0	100.0	

PENDAPATAN KELUARGA

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Tidak Memenuhi UMR (<3.165.876)	188	76.1	76.1	76.1
	Memenuhi UMR (≥3.165.876)	59	23.9	23.9	100.0
	Total	247	100.0	100.0	

PENGETAHUAN

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURANG	148	59.9	59.9	59.9
	BAIK	99	40.1	40.1	100.0
	Total	247	100.0	100.0	

ENERGI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURANG	105	42.5	42.5	42.5
	BAIK	142	57.5	57.5	100.0
	Total	247	100.0	100.0	

PROTEIN

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURANG	47	19.0	19.0	19.0
	BAIK	200	81.0	81.0	100.0
	Total	247	100.0	100.0	

BESI

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURANG	175	70.9	70.9	70.9
	BAIK	72	29.1	29.1	100.0
	Total	247	100.0	100.0	

SENG

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURANG	107	43.3	43.3	43.3
	BAIK	140	56.7	56.7	100.0
	Total	247	100.0	100.0	

Nilai mean, nilai minimum dan nilai maksimum

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Pengetahuan	247	20.00	80.00	50.6887	13.35590
Usia	247	13.10	15.10	13.7320	.52256
IMT_U	247	-3.80	2.97	-.6823	1.30879
Kadar_Hb	247	10.60	22.80	15.1409	2.16982
TB_U	247	-3.88	.77	-1.4429	.79585
Jumlah_ART	247	3.00	10.00	5.3320	1.59366
Valid N (listwise)	247				

3. Hasil analisis crosstabulasi dan analisis bivariat

ENERGI * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
ENERGI	KURANG	Count	11	95	106
		Expected Count	6.0	100.0	106.0
		% within ENERGI	10.4%	89.6%	100.0%
	BAIK	Count	3	138	141
		Expected Count	8.0	133.0	141.0
		% within ENERGI	2.1%	97.9%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within ENERGI	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	7.702[a]	1	.006		
Continuity Correction[b]	6.237	1	.013		
Likelihood Ratio	7.865	1	.005		
Fisher's Exact Test				.010	.006
Linear-by-Linear Association	7.671	1	.006		
N of Valid Cases	247				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 6.01.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for ENERGI (KURANG / BAIK)	5.326	1.447	19.604
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	4.877	1.395	17.049
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.916	.854	.981
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

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

4.

Tests of Conditional Independence

	Chi-Squared	Df	Asymptotic Significance (2-sided)
Cochran's	7.702	1	.006
Mantel-Haenszel	6.211	1	.013

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			5.326
ln(Estimate)			1.673
Standard Error of ln(Estimate)			.665
Asymptotic Significance (2-sided)			.012
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	1.447
		Upper Bound	19.604
	ln(Common Odds Ratio)	Lower Bound	.370
		Upper Bound	2.976

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.

PROTEIN * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
PROTEIN	KURANG	Count	9	38	47
		Expected Count	2.7	44.3	47.0
		% within PROTEIN	19.1%	80.9%	100.0%
	BAIK	Count	5	195	200
		Expected Count	11.3	188.7	200.0
		% within PROTEIN	2.5%	97.5%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within PROTEIN	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	Df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	19.729[a]	1	.000		
Continuity Correction[b]	16.738	1	.000		
Likelihood Ratio	14.890	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	19.650	1	.000		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 2.66.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for PROTEIN (KURANG / BAIK)	9.237	2.933	29.088
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	7.660	2.691	21.802
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.829	.720	.955
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.
	5.		

Tests of Conditional Independence

	Chi-Squared	Df	Asymptotic Significance (2-sided)
Cochran's	19.729	1	.000
Mantel-Haenszel	16.671	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			9.237
ln(Estimate)			2.223
Standard Error of ln(Estimate)			.585
Asymptotic Significance (2-sided)			.000
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	2.933
		Upper Bound	29.088
	ln(Common Odds Ratio)	Lower Bound	1.076
		Upper Bound	3.370

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.

BESI * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
BESI	KURANG	Count	12	163	175
		Expected Count	9.9	165.1	175.0
		% within BESI	6.9%	93.1%	100.0%
	BAIK	Count	2	70	72
		Expected Count	4.1	67.9	72.0
		% within BESI	2.8%	97.2%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within BESI	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	Df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.588[a]	1	.208		
Continuity Correction[b]	.916	1	.338		
Likelihood Ratio	1.808	1	.179		
Fisher's Exact Test				.363	.170
Linear-by-Linear Association	1.581	1	.209		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.08.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	95% Confidence Interval Upper
Odds Ratio for BESI (KURANG / BAIK)	2.577	.562	11.816
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	2.469	.567	10.753
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.958	.906	1.013
N of Valid Cases	247		

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	1.588	1	.208
Mantel-Haenszel	.913	1	.339

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			2.577
ln(Estimate)			.947
Standard Error of ln(Estimate)			.777
Asymptotic Significance (2-sided)			.223
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.562
		Upper Bound	11.816
	ln(Common Odds Ratio)	Lower Bound	-.576
		Upper Bound	2.469

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.

ZINK * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
ZINK	KURANG	Count	11	96	107
		Expected Count	6.1	100.9	107.0
		% within ZINK	10.3%	89.7%	100.0%
	BAIK	Count	3	137	140
		Expected Count	7.9	132.1	140.0
		% within ZINK	2.1%	97.9%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within ZINK	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	Df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	7.511[a]	1	.006		
Continuity Correction[b]	6.066	1	.014		
Likelihood Ratio	7.690	1	.006		
Fisher's Exact Test				.010	.007
Linear-by-Linear Association	7.481	1	.006		
N of Valid Cases	247				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 6.06.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	95% Confidence Interval Upper
Odds Ratio for ZINK (KURANG / BAIK)	5.233	1.422	19.257
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	4.798	1.372	16.771
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.917	.856	.982
N of Valid Cases	247		

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	7.511	1	.006
Mantel-Haenszel	6.042	1	.014

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			5.233
ln(Estimate)			1.655
Standard Error of ln(Estimate)			.665
Asymptotic Significance (2-sided)			.013
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	1.422
		Upper Bound	19.257
	ln(Common Odds Ratio)	Lower Bound	.352
		Upper Bound	2.958

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.

PEKERJAAN AYAH * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
PEKERJAAN AYAH	BERISIKO	Count	11	164	175
		Expected Count	9.9	165.1	175.0
		% within PEKERJAAN AYAH	6.3%	93.7%	100.0%
	TIDAK BERISIKO	Count	3	69	72
		Expected Count	4.1	67.9	72.0
		% within PEKERJAAN AYAH	4.2%	95.8%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within PEKERJAAN AYAH	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.428[a]	1	.513		
Continuity Correction[b]	.124	1	.725		
Likelihood Ratio	.454	1	.501		
Fisher's Exact Test				.763	.376
Linear-by-Linear Association	.427	1	.514		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.08.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	95% Confidence Interval Upper
Odds Ratio for PEKERJAAN AYAH (BERISIKO / TIDAK BERISIKO)	1.543	.417	5.702
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	1.509	.434	5.248
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.978	.919	1.040
N of Valid Cases	247		

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	.428	1	.513
Mantel-Haenszel	.123	1	.726

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			1.543
ln(Estimate)			.434
Standard Error of ln(Estimate)			.667
Asymptotic Significance (2-sided)			.516
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.417
		Upper Bound	5.702
	ln(Common Odds Ratio)	Lower Bound	-.874
		Upper Bound	1.741

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.

PEKERJAAN IBU * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
PEKERJAAN IBU	BERISIKO	Count	3	8	11
		Expected Count	.6	10.4	11.0
		% within PEKERJAAN IBU	27.3%	72.7%	100.0%
	TIDAK BERISIKO	Count	11	225	236
		Expected Count	13.4	222.6	236.0
		% within PEKERJAAN IBU	4.7%	95.3%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within PEKERJAAN IBU	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	10.050[a]	1	.002		
Continuity Correction[b]	6.266	1	.012		
Likelihood Ratio	5.740	1	.017		
Fisher's Exact Test				.018	.018
Linear-by-Linear Association	10.010	1	.002		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is .62.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	95% Confidence Interval Upper
Odds Ratio for PEKERJAAN IBU (BERISIKO / TIDAK BERISIKO)	7.670	1.784	32.976
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	5.851	1.901	18.012
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.763	.531	1.097
N of Valid Cases	247		

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	10.050	1	.002
Mantel-Haenszel	6.241	1	.012

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			7.670
ln(Estimate)			2.037
Standard Error of ln(Estimate)			.744
Asymptotic Significance (2-sided)			.006
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	1.784
		Upper Bound	32.976
	ln(Common Odds Ratio)	Lower Bound	.579
		Upper Bound	3.496

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.

PENDIDIKAN AYAH * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
PENDIDIKAN AYAH	RENDAH	Count	12	160	172
		Expected Count	9.7	162.3	172.0
		% within PENDIDIKAN AYAH	7.0%	93.0%	100.0%
	TINGGI	Count	2	73	75
		Expected Count	4.3	70.7	75.0
		% within PENDIDIKAN AYAH	2.7%	97.3%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within PENDIDIKAN AYAH	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.815[a]	1	.178		
Continuity Correction[b]	1.098	1	.295		
Likelihood Ratio	2.072	1	.150		
Fisher's Exact Test				.239	.146
Linear-by-Linear Association	1.807	1	.179		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.25.
b. Computed only for a 2x2 table

Risk Estimate

		95% Confidence Interval	
	Value	Lower	Upper
Odds Ratio for PENDIDIKAN AYAH (RENDAH / TINGGI)	2.738	.597	12.546
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	2.616	.600	11.404
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.956	.904	1.010
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.
	6.		

Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	1.815	1	.178
Mantel-Haenszel	1.094	1	.296

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			2.738
ln(Estimate)			1.007
Standard Error of ln(Estimate)			.777
Asymptotic Significance (2-sided)			.195
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.597
		Upper Bound	12.546
	ln(Common Odds Ratio)	Lower Bound	-.515
		Upper Bound	2.529

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.

PENDIDIKAN IBU * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
PENDIDIKAN IBU	RENDAH	Count	13	151	164
		Expected Count	9.3	154.7	164.0
		% within PENDIDIKAN IBU	7.9%	92.1%	100.0%
	TINGGI	Count	1	82	83
		Expected Count	4.7	78.3	83.0
		% within PENDIDIKAN IBU	1.2%	98.8%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within PENDIDIKAN IBU	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4.657[a]	1	.031		
Continuity Correction[b]	3.485	1	.062		
Likelihood Ratio	5.886	1	.015		
Fisher's Exact Test				.039	.023
Linear-by-Linear Association	4.638	1	.031		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.70.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	Upper
Odds Ratio for PENDIDIKAN IBU (RENDAH / TINGGI)	7.060	.907	54.929
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	6.579	.876	49.435
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.932	.886	.981
N of Valid Cases	247		

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	4.657	1	.031
Mantel-Haenszel	3.471	1	.062

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			7.060
ln(Estimate)			1.954
Standard Error of ln(Estimate)			1.047
Asymptotic Significance (2-sided)			.062
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.907
		Upper Bound	54.929
	ln(Common Odds Ratio)	Lower Bound	-.097
		Upper Bound	4.006

7.
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.

JUMLAH ART * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
JUMLAH ART	BERISIKO	Count	10	137	147
		Expected Count	8.3	138.7	147.0
		% within JUMLAH ART	6.8%	93.2%	100.0%
	TIDAK BERISIKO	Count	4	96	100
		Expected Count	5.7	94.3	100.0
		% within JUMLAH ART	4.0%	96.0%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within JUMLAH ART	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.874[a]	1	.350		
Continuity Correction[b]	.429	1	.513		
Likelihood Ratio	.911	1	.340		
Fisher's Exact Test				.413	.260
Linear-by-Linear Association	.871	1	.351		
N of Valid Cases	247				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.67.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	Upper
Odds Ratio for JUMLAH ART (BERISIKO / TIDAK BERISIKO)	1.752	.534	5.750
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	1.701	.549	5.272
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.971	.915	1.030
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.
	8.		

Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	.874	1	.350
Mantel-Haenszel	.427	1	.513

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			1.752
ln(Estimate)			.561
Standard Error of ln(Estimate)			.606
Asymptotic Significance (2-sided)			.355
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.534
		Upper Bound	5.750
	ln(Common Odds Ratio)	Lower Bound	-.628
		Upper Bound	1.749

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.

PENDAPATAN KELUARGA * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
PENDAPATAN KELUARGA	BERISIKO	Count	10	178	188
		Expected Count	10.7	177.3	188.0
		% within PENDAPATAN KELUARGA	5.3%	94.7%	100.0%
	TIDAK BERISIKO	Count	4	55	59
		Expected Count	3.3	55.7	59.0
		% within PENDAPATAN KELUARGA	6.8%	93.2%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within PENDAPATAN KELUARGA	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.179[a]	1	.672		
Continuity Correction[b]	.010	1	.920		
Likelihood Ratio	.172	1	.678		
Fisher's Exact Test				.747	.440
Linear-by-Linear Association	.178	1	.673		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.34.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	Upper
Odds Ratio for PENDAPATAN KELUARGA (BERISIKO / TIDAK BERISIKO)	.772	.233	2.560
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	.785	.255	2.410
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	1.016	.941	1.097
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.
	9.		

Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	.179	1	.672
Mantel-Haenszel	.010	1	.920

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			.772
ln(Estimate)			-.258
Standard Error of ln(Estimate)			.611
Asymptotic Significance (2-sided)			.673
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.233
		Upper Bound	2.560
	ln(Common Odds Ratio)	Lower Bound	-1.456
		Upper Bound	.940

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.

SUMBER AIR BERSIH * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
SUMBER AIR BERSIH	NON PDAM	Count	2	34	36
		Expected Count	2.0	34.0	36.0
		% within SUMBER AIR BERSIH	5.6%	94.4%	100.0%
	PDAM	Count	12	199	211
		Expected Count	12.0	199.0	211.0
		% within SUMBER AIR BERSIH	5.7%	94.3%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within SUMBER AIR BERSIH	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.001[a]	1	.975		
Continuity Correction[b]	.000	1	1.000		
Likelihood Ratio	.001	1	.975		
Fisher's Exact Test				1.000	.666
Linear-by-Linear Association	.001	1	.975		
N of Valid Cases	247				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 2.04.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	Upper
Odds Ratio for SUMBER AIR BERSIH (NON PDAM / PDAM)	.975	.209	4.553
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	.977	.228	4.184
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	1.001	.919	1.091
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.
	10.		

Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	.001	1	.975
Mantel-Haenszel	.128	1	.721

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			.975
ln(Estimate)			-.025
Standard Error of ln(Estimate)			.786
Asymptotic Significance (2-sided)			.975
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.209
		Upper Bound	4.553
	ln(Common Odds Ratio)	Lower Bound	-1.565
		Upper Bound	1.516

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.

TINGKAT PENGETAHUAN * ANEMIA-STUNTING

Crosstab

			ANEMIA-STUNTING		
			ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	Total
TINGKAT PENGETAHUAN	KURANG	Count	12	136	148
		Expected Count	8.4	139.6	148.0
		% within TINGKAT PENGETAHUAN	8.1%	91.9%	100.0%
	BAIK	Count	2	97	99
		Expected Count	5.6	93.4	99.0
		% within TINGKAT PENGETAHUAN	2.0%	98.0%	100.0%
Total		Count	14	233	247
		Expected Count	14.0	233.0	247.0
		% within TINGKAT PENGETAHUAN	5.7%	94.3%	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4.112[a]	1	.043		
Continuity Correction[b]	3.052	1	.081		
Likelihood Ratio	4.698	1	.030		
Fisher's Exact Test				.050	.035
Linear-by-Linear Association	4.095	1	.043		
N of Valid Cases	247				

a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 5.61.
b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval Lower	95% Confidence Interval Upper
Odds Ratio for TINGKAT PENGETAHUAN (KURANG / BAIK)	4.279	.936	19.555
For cohort ANEMIA-STUNTING = ANEMIA-STUNTING	4.014	.918	17.546
For cohort ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING	.938	.887	.991
N of Valid Cases	247		

Tests of Homogeneity of the Odds Ratio

	Chi-Squared	df	Asymptotic Significance (2-sided)
Breslow-Day	.000	0	.
Tarone's	.000	0	.
	11.		

Tests of Conditional Independence

	Chi-Squared	df	Asymptotic Significance (2-sided)
Cochran's	4.112	1	.043
Mantel-Haenszel	3.040	1	.081

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
ln(Estimate)			1.454
Standard Error of ln(Estimate)			.775
Asymptotic Significance (2-sided)			.061
Asymptotic 95% Confidence Interval	Common Odds Ratio	Lower Bound	.936
		Upper Bound	19.555
	ln(Common Odds Ratio)	Lower Bound	-.066
		Upper Bound	2.973

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.

12. Hasil analisis multivariat

Block 1: Method = Backward Stepwise (Wald)

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	46.052	10	.000
	Block	46.052	10	.000
	Model	46.052	10	.000
Step 2[a]	Step	-.004	1	.949
	Block	46.048	9	.000
	Model	46.048	9	.000
Step 3[a]	Step	-.039	1	.843
	Block	46.009	8	.000
	Model	46.009	8	.000
Step 4[a]	Step	-.185	1	.667
	Block	45.824	7	.000
	Model	45.824	7	.000
Step 5[a]	Step	-.317	1	.573
	Block	45.507	6	.000
	Model	45.507	6	.000
Step 6[a]	Step	-1.743	1	.187
	Block	43.764	5	.000
	Model	43.764	5	.000

a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step.

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	61.508[a]	.170	.482
2	61.512[a]	.170	.482
3	61.551[a]	.170	.481
4	61.736[a]	.169	.480
5	62.054[a]	.168	.477
6	63.797[a]	.162	.460

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	1.253	8	.996
2	3.144	8	.925
3	1.247	8	.996
4	1.189	8	.997
5	1.216	8	.996
6	5.642	8	.687

Contingency Table for Hosmer and Lemeshow Test

		ANEMIA-STUNTING = TIDAK ANEMIA-STUNTING		ANEMIA-STUNTING = ANEMIA-STUNTING		
		Observed	Expected	Observed	Expected	Total
Step 1	1	25	25.000	0	.000	25
	2	25	24.996	0	.004	25
	3	25	24.986	0	.014	25
	4	25	24.957	0	.043	25
	5	25	24.879	0	.121	25
	6	25	24.748	0	.252	25
	7	24	24.467	1	.533	25
	8	24	23.935	1	1.065	25
	9	23	22.192	2	2.808	25
	10	12	12.841	10	9.159	22
Step 2	1	25	25.000	0	.000	25
	2	25	24.996	0	.004	25

	3	25	24.986	0	.014	25
	4	25	24.957	0	.043	25
	5	25	24.880	0	.120	25
	6	25	24.752	0	.248	25
	7	24	24.464	1	.536	25
	8	23	23.934	2	1.066	25
	9	24	22.189	1	2.811	25
	10	12	12.843	10	9.157	22
Step 3	1	25	25.000	0	.000	25
	2	25	24.996	0	.004	25
	3	25	24.986	0	.014	25
	4	25	24.959	0	.041	25
	5	25	24.883	0	.117	25
	6	25	24.759	0	.241	25
	7	24	24.466	1	.534	25
	8	24	23.928	1	1.072	25
	9	23	22.175	2	2.825	25
	10	12	12.849	10	9.151	22
Step 4	1	25	24.999	0	.001	25
	2	25	24.996	0	.004	25
	3	25	24.986	0	.014	25
	4	25	24.956	0	.044	25
	5	25	24.878	0	.122	25
	6	25	24.758	0	.242	25
	7	24	24.456	1	.544	25
	8	24	23.881	1	1.119	25
	9	23	22.256	2	2.744	25
	10	12	12.834	10	9.166	22
Step 5	1	25	25.000	0	.000	25
	2	25	24.996	0	.004	25
	3	25	24.984	0	.016	25
	4	25	24.951	0	.049	25
	5	25	24.872	0	.128	25
	6	25	24.740	0	.260	25
	7	24	24.450	1	.550	25
	8	24	23.945	1	1.055	25
	9	23	22.223	2	2.777	25
	10	12	12.839	10	9.161	22
Step 6	1	25	24.999	0	.001	25
	2	25	24.993	0	.007	25
	3	25	24.973	0	.027	25
	4	25	24.938	0	.062	25
	5	25	24.868	0	.132	25
	6	25	24.683	0	.317	25
	7	23	24.421	2	.579	25
	8	25	23.882	0	1.118	25
	9	23	22.317	2	2.683	25
	10	12	12.927	10	9.073	22

Classification Table[a]

			Predicted ANEMIA-STUNTING		
	Observed		TIDAK ANEMIA-STUNTING	ANEMIA-STUNTING	Percentage Correct
Step 1	ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	231	2	99.1
		ANEMIA-STUNTING	9	5	35.7
	Overall Percentage				95.5
Step 2	ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	231	2	99.1
		ANEMIA-STUNTING	9	5	35.7

	Overall Percentage				95.5
Step 3	ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	231	2	99.1
		ANEMIA-STUNTING	9	5	35.7
	Overall Percentage				95.5
Step 4	ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	231	2	99.1
		ANEMIA-STUNTING	10	4	28.6
	Overall Percentage				95.1
Step 5	ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	231	2	99.1
		ANEMIA-STUNTING	10	4	28.6
	Overall Percentage				95.1
Step 6	ANEMIA-STUNTING	TIDAK ANEMIA-STUNTING	230	3	98.7
		ANEMIA-STUNTING	9	5	35.7
	Overall Percentage				95.1

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B) Lower	Upper
Step 1[a]	ENERGI	.000	.003	.004	1	.949	1.000	.994	1.006
	PROTEIN	-.218	.075	8.573	1	.003	.804	.695	.930
	BESI	-.353	.305	1.342	1	.247	.703	.387	1.276
	ZINC	1.615	.836	3.734	1	.053	5.028	.977	25.868
	PENGETAHUAN	-.055	.029	3.698	1	.054	.946	.894	1.001
	PENDAPATAN KELUARGA	-.379	.825	.211	1	.646	.685	.136	3.446
	PENDIDIKAN AYAH	.206	1.036	.040	1	.842	1.229	.161	9.369
	PENDIDIKAN IBU	2.407	1.475	2.661	1	.103	11.098	.616	199.981
	PEKERJAAN AYAH	-.487	.916	.283	1	.595	.614	.102	3.699
	PEKERJAAN IBU	2.809	1.262	4.952	1	.026	16.598	1.398	197.060
	Constant	2.906	2.478	1.375	1	.241	18.285		
Step 2[a]	PROTEIN	-.220	.072	9.338	1	.002	.803	.697	.924
	BESI	-.349	.298	1.367	1	.242	.705	.393	1.266
	ZINC	1.581	.634	6.212	1	.013	4.858	1.402	16.839
	PENGETAHUAN	-.055	.029	3.699	1	.054	.946	.894	1.001
	PENDAPATAN KELUARGA	-.384	.821	.219	1	.640	.681	.136	3.404
	PENDIDIKAN AYAH	.203	1.035	.038	1	.845	1.225	.161	9.305
	PENDIDIKAN IBU	2.414	1.470	2.695	1	.101	11.174	.626	199.424
	PEKERJAAN AYAH	-.497	.902	.303	1	.582	.609	.104	3.566
	PEKERJAAN IBU	2.807	1.266	4.918	1	.027	16.553	1.386	197.744
	Constant	2.889	2.461	1.377	1	.241	17.971		
Step 3[a]	PROTEIN	-.221	.072	9.423	1	.002	.802	.696	.923
	BESI	-.354	.298	1.411	1	.235	.702	.391	1.259
	ZINC	1.594	.634	6.331	1	.012	4.925	1.422	17.049
	PENGETAHUAN	-.056	.029	3.733	1	.053	.946	.894	1.001
	PENDAPATAN KELUARGA	-.349	.800	.190	1	.663	.706	.147	3.385
	PENDIDIKAN IBU	2.498	1.416	3.113	1	.078	12.164	.758	195.147
	PEKERJAAN AYAH	-.478	.896	.285	1	.593	.620	.107	3.588
	PEKERJAAN IBU	2.761	1.235	4.999	1	.025	15.809	1.406	177.797
	Constant	2.977	2.427	1.505	1	.220	19.636		
Step 4[a]	PROTEIN	-.224	.071	9.884	1	.002	.800	.696	.919
	BESI	-.360	.296	1.485	1	.223	.697	.391	1.245
	ZINC	1.631	.617	6.996	1	.008	5.107	1.525	17.100
	PENGETAHUAN	-.054	.028	3.677	1	.055	.947	.896	1.001
	PENDIDIKAN IBU	2.422	1.358	3.180	1	.075	11.270	.787	161.462
	PEKERJAAN AYAH	-.507	.889	.325	1	.568	.602	.105	3.442
	PEKERJAAN IBU	2.779	1.216	5.229	1	.022	16.110	1.487	174.481
	Constant	2.707	2.307	1.376	1	.241	14.978		
Step 5[a]	PROTEIN	-.220	.071	9.703	1	.002	.803	.699	.922
	BESI	-.356	.293	1.469	1	.225	.701	.394	1.245
	ZINC	1.581	.605	6.828	1	.009	4.857	1.484	15.894

	PENGETAHUAN	-.049	.026	3.481	1	.062	.952	.904	1.002
	PENDIDIKAN IBU	2.320	1.329	3.050	1	.081	10.180	.753	137.611
	PEKERJAAN IBU	2.652	1.179	5.057	1	.025	14.185	1.406	143.121
	Constant	2.259	2.135	1.119	1	.290	9.571		
Step 6[a]	PROTEIN	-.232	.071	10.622	1	.001	.793	.690	.912
	ZINC	1.211	.532	5.181	1	.023	3.356	1.183	9.520
	PENGETAHUAN	-.047	.026	3.322	1	.068	.954	.906	1.004
	PENDIDIKAN IBU	2.443	1.402	3.039	1	.081	11.510	.738	179.538
	PEKERJAAN IBU	2.159	1.025	4.438	1	.035	8.663	1.162	64.564
	Constant	2.484	2.182	1.296	1	.255	11.986		

a. Variable(s) entered on step 1: ENERGI, PROTEIN, BESI, ZINC, PENGETAHUAN, PENDAPATAN KELUARGA, PENDIDIKAN AYAH, PENDIDIKAN IBU, PEKERJAAN AYAH, PEKERJAAN IBU.

Variables not in the Equation

			Score	df	Sig.
Step 2[a]	Variables	ENERGI	.004	1	.949
	Overall Statistics		.004	1	.949
Step 3[b]	Variables	ENERGI	.003	1	.959
		PENDIDIKAN AYAH	.038	1	.845
	Overall Statistics		.042	2	.979
Step 4[c]	Variables	ENERGI	.009	1	.922
		PENDAPATAN KELUARGA	.191	1	.662
		PENDIDIKAN AYAH	.011	1	.918
	Overall Statistics		.234	3	.972
Step 5[d]	Variables	ENERGI	.041	1	.840
		PENDAPATAN KELUARGA	.232	1	.630
		PENDIDIKAN AYAH	.002	1	.968
		PEKERJAAN AYAH	.329	1	.566
	Overall Statistics		.561	4	.967
Step 6[e]	Variables	ENERGI	.022	1	.881
		BESI	1.539	1	.215
		PENDAPATAN KELUARGA	.359	1	.549
		PENDIDIKAN AYAH	.009	1	.923
		PEKERJAAN AYAH	.310	1	.577
	Overall Statistics		2.080	5	.838

a. Variable(s) removed on step 2: ENERGI.
b. Variable(s) removed on step 3: PENDIDIKAN AYAH.
c. Variable(s) removed on step 4: PENDAPATAN KELUARGA.
d. Variable(s) removed on step 5: PEKERJAAN AYAH.
e. Variable(s) removed on step 6: BESI.

Lampiran 7. Surat Rekomendasi Persetujuan Etik

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN
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E-mail : fkm.unhas@gmail.com, website: https/fkm.unhas.ac.id/

REKOMENDASI PERSETUJUAN ETIK
Nomor : 7022/UN4.14.1/TP.01.02/2022

Tanggal : 27 Juni 2022

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

No.Protokol	20622042117	No. Sponsor Protokol	
Peneliti Utama	**Wahyuni Nurqadriyani Bustan**	Sponsor	Pribadi
Judul Peneliti	**Analisis Determinan Koeksistensi Anemia dan Stunting pada Remaja Putri Usia 13-15 Tahun di Kecamatan Galesong Selatan Kabupaten Takalar**		
No.Versi Protokol	1	Tanggal Versi	20 Juni 2022
No.Versi PSP	1	Tanggal Versi	20 Juni 2022
Tempat Penelitian	**Wilayah Kerja Puskesmas Bontokassi dan Puskesmas Bontomarannu, Kecamatan Galesong Selatan, Kabupaten Takalar**		
Judul Review	☐ Exempted ☒ Expedited ☐ Fullboard	Masa Berlaku **27 Juni 2022 Sampai 27 Juni 2023**	Frekuensi review lanjutan
Ketua Komisi Etik Penelitian	Nama : Prof.dr.Veni Hadju,M.Sc,Ph.D	Tanda tangan	Tanggal 27 Juni 2022
Sekretaris komisi Etik Penelitian	Nama : Dr. Wahiduddin, SKM.,M.Kes	Tanda tangan	Tanggal 27 Juni 2022

Kewajiban Peneliti Utama :

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

Lampiran 8. Surat Izin Penelitian

PEMERINTAH PROVINSI SULAWESI SELATAN
DINAS PENANAMAN MODAL DAN PELAYANAN TERPADU SATU PINTU
Jl.Bougenville No.5 Telp. (0411) 441077 Fax. (0411) 448836
Website : http://simap-new.sulselprov.go.id Email : ptsp@sulselprov.go.id
Makassar 90231

Nomor : 4839/S.01/PTSP/2022
Lampiran : -
Perihal : Izin penelitian

Kepada Yth.
Bupati Takalar

di-
Tempat

Berdasarkan surat Deka Fak. Kesehatan Masyarakat UNHAS Makassar Nomor : 7108/UN4.14/PT.01.04/2022 tanggal 28 Juni 2022 perihal tersebut diatas, mahasiswa/peneliti dibawah ini:

N a m a : WAHYUNI NURQADRIYANI BUSTAN
Nomor Pokok : K012202074
Program Studi : Ilmu Kesehatan Masyarakat
Pekerjaan/Lembaga : Mahasiswa (S2)
Alamat : Jl. Perintis Kemerdekaan Km. 10 Makassar

PROVINSI SULAWESI SELATAN

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

" ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13-15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR "

Yang akan dilaksanakan dari : Tgl. *18 Juli s/d 18 Agustus 2022*

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 06 Juli 2022

A.n. GUBERNUR SULAWESI SELATAN
KEPALA DINAS PENANAMAN MODAL DAN PELAYANAN TERPADU SATU PINTU PROVINSI SULAWESI SELATAN

Ir. H. SULKAF S LATIEF, M.M.
Pangkat : PEMBINA UTAMA MADYA
Nip : 19630424 198903 1 010

Tembusan Yth
1. Deka Fak. Kesehatan Masyarakat UNHAS Makassar di Makassar;
2. Pertinggal.

No. SEBI 353

PEMERINTAH KABUPATEN TAKALAR
DINAS PENANAMAN MODAL, PELAYANAN
TERPADU SATU PINTU, TENAGA KERJA DAN TRANSMIGRASI
Jl. Jenderal Sudirman No 28 Telp. (0418) 323291 Kab. Takalar

Takalar, 15 Juli 2022

Nomor : 353/IP-DPMPTSPTKTRANS/VII/2022
Lamp : -
Perihal : *Izin Penelitian*

Kepada
Yth. Kepala Sekolah SMP/ MTS/ Sederajat
di Kecamatan Galesong Selatan Kab. Takalar
Di-
Takalar

Berdasarkan Surat PLT. Kepala Dinas Penanaman Modal dan PTSP Provinsi Sulawesi Selatan Nomor: 4839/S.01/PTSP/2022, Tanggal 14 Juli 2022, perihal Izin Penelitian dan Surat Rekomendasi Kepala Kantor Kesatuan Bangsa dan Politik Kabupaten Takalar Nomor: 070/347/KBP/VII/2022 tanggal 14 Juli 2022, dengan ini disampaikan bahwa:

Nama : WAHYUNI NURQADRIYANI BUSTAN
Tempat Tanggal Lahir : Ternate, 12 Januari 1999
Jenis Kelamin : Perempuan
Pekerjaan/Lembaga : Mahasiswa (S2) UNHAS
Alamat : BTN II Blok 11 No. 12 Kel/ Desa Tanah Kongkong Kec. Ujung Bulu Kab. Bulukumba

Bermaksud akan mengadakan penelitian di kantor/instansi/wilayah kerja Bapak/Ibu dalam Rangka Penyusunan *Tesis* dengan judul :

"ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13-15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR "

Yang akan dilaksanakan : 18 Juli s/d 18 Agustus 2022
Pengikut / Peserta : -

Sehubungan dengan hal tersebut di atas pada prinsipnya kami menyetujui kegiatan dimaksud dengan ketentuan sbb:

1. Sebelum dan sesudah melaksanakan kegiatan dimaksud kepada yang bersangkutan harus melapor kepada Bupati Takalar Up. Kepala Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu, Tenaga Kerja dan Transmigrasi Kab. Takalar ;
2. Penelitian tidak menyimpang dari ketentuan yang berlaku ;
3. Mentaati semua Peraturan Perundang-Undangan yang berlaku dan Adat Istiadat setempat;
4. Menyerahkan 1 (satu) examplar foto copy hasil *Tesis* Kepada Bupati Takalar Up. Kepala Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu Tenaga Kerja dan Transmigrasi Kab. Takalar ;
5. Surat pemberitahuan penelitian ini dicabut kembali dan dinyatakan tidak berlaku, apabila ternyata pemegang tidak mentaati ketentuan tersebut diatas.

Demikian disampaikan kepada saudara untuk diketahui dan seperlunya.

BUSTAN, S.Sos., M. Si
Pangkat : Pembina Tk. I
NIP : 19731220 200003 1 009

Tembusan : disampaikan kepada Yth :
1. Bupati Takalar di Takalar (sebagai laporan);
2. Kepala Kantor Kesbangpol Kab. Takalar di Takalar;
3. Kepala Bapelitbang Kab. Takalar di Takalar;
4. Dekan Fak. Kesehatan Masyarakat UNHAS Makassar di Makassar;
5. Pertinggal;

Lampiran 9. Surat Keterangan Telah Melakukan Penelitian

PEMERINTAH KABUPATEN TAKALAR
DINAS PENDIDIKAN DAN KEBUDAYAAN
UPT.SMP NEGERI 3 GALESONG SELATAN
Jl. Balai Desa, Desa Bontokassi Kec.Galesong Selatan, Telp. (0418) 2326322

SURAT KETERANGAN PENELITIAN
Nomor : 051/Disdikbud/UPT. SMP.03/ VII/2022

Yang bertanda tangan dibawah ini Kepala UPT. SMP Negeri 3 Galesong Selatan Kabupaten Takalar, menerangkan bahwa:

Nama	: WAHYUNI NURQADRIYANI BUSTAN
NIM	: K 012 202 074
Program Studi	: S2 ILMU KESEHATAN MASYARAKAT
Konsentrasi	: Gizi
Asal Perguruan Tinggi	: Universitas Hasanuddin

Benar yang tersebut namanya diatas telah mengadakan Penelitian/Pengambilan data di UPT. SMP Negeri 3 Galesong Selatan Kabupaten Takalar dalam rangka penyusunan Tesis dengan judul :
" ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13 – 15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR "
Yang dilaksanakan pada Tanggal 18 Juli 2022 sampai dengan 18 Agustus 2022
Demikian surat keterangan ini kami berikan untuk dipergunakan sebagaimana mestinya.

Bontokassi, 18 Agustsu 2022
Kepala UPT. SMP Neg. 3 Galsel

SITTI RAMLAH,S.Pd.M.Pd.
Nip. 19760220 200312 2 007

KEMENTERIAN AGAMA KABUPATEN TAKALAR
MADRASAH TSANAWIYAH SWASTA KANAENG
KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR
Alamat : Dusun Rita, Desa Bontokanang, Kecamatan Galesong Selatan

SURAT KETERANGAN MELAKSANANKAN PENELITIAN
NOMOR : 220/MTS-K/SKMP/VII/2022

Berdasarkan surat Nomor : 353/IP-DPMPTSPKTRANS/VII/2022 perihal permohonan izin pelaksanaan Penelitian, maka dengan ini menyatakan bahwa Mahasiswa dengan Biodata :

Nama	: WAHYUNI NURQADRIYANI BUSTAN
Tempat Tanggal Lahir	: Ternate, 12 Januari 1999
Jenis Kelamin	: Perempuan
Pekerjaan/Lembaga	: Mahasiswa (S2) UNHAS
Alamat	: BTN Blok 11 No. 12/Kel/Desa Tanah Kongkong Kec. Ujung Bulu Kab. Bulukumba.

Telah melakukan Penelitian dengan Judul ***"ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13 – 15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR"*** pada Hari/Tanggal, Jumat 22 Juli 2022 di MTs,. Kanaeng berjalan dengan sangat kondusif, lancar dan baik.

Demikianlah surat keterangan melaksanakan penelitian ini dibuat untuk dipergunakan sebagaimana mestinya.

Bontokanang, 22 Juli 2022
Kepala Madrasah

H. BAHARUDDIN, S.PD.I

PEMERINTAH KABUPATEN TAKALAR
DINAS PENDIDIKAN DAN KEBUDAYAAN
UPT. SMP NEGERI 4 GALESONG SELATAN
Alamat: Jln. Pendidikan Mangindara Kecamatan Galesong Selatan Kabupaten Talakar

SURAT KETERANGAN MELAKSANAKAN PENELITIAN
NO: 077/Disdikbud UPT SMPN 04-GS/TU/VII/22

Berdasarkan surat Nomor : 353/IP-DPMPTSPKTRANS/VII/2022 perihal permohonan izin pelaksanaan Penelitian, maka dengan ini menyatakan bahwa Mahasiswa dengan Biodata:

Nama	: WAHYUNI NURQADRIYANI BUSTAN
Tempat Tanggal Lahir	: Ternate, 12 Januari 1999
Jenis Kelamin	: Perempuan
Pekerjaan/Lembaga	: Mahasiswa (S2) UNHAS
Alamat	: BTN Blok 11 No. 12/ Kel/Desa Tanah Kongkong Kec. Ujung Bulu Kab. Bulukumba

Telah melakukan penelitian dengan judul " ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13 – 15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR" Pada Hari/Tanggal, Kamis 21 Juli 2022 di SMP NEG. 4 Galesong Selatan dengan sangat kondusif, lancar, dan baik.

Demikian surat keterangan melaksanakan penelitian ini dibuat untuk dipergunakan sebagaimana mestinya.

Galesong Selatan, 21 Juli 2022
Kepala Sekolah

Drs. H. SYAHARUDDIN
Pangkat / Pembina
Nip. 19680128 200502 1 001

KEMENTERIAN AGAMA RI
MTS MUHZIRAH GALESONG SELATAN
KECAMATAN GALESONG SELATAN KAB TAKALAR
Alamat : Jln . Poros Galesong Takalar Desa Barammamase Kec. Galesong Selatan KP (92254) Takalar

SURAT KETERANGAN MELAKSANAKAN PENELITIAN
NOMOR : 21.21.024 /SKMP/023/VII/2022

Berdasarkan surat Nomor : 353/IP-DPMPTSPKTRANS/VII/2022 perihal permohonan izin pelaksanaan penelitian, maka dengan ini menyatakan bahwa mahasiswa dengan Biodata :

Nama	: WAHYUNI NURQADRIYANI BUSTAN
Tempat Tanggal Lahir	: Ternate, 12 Januari 1999
Jenis Kelamin	: Perempuan
Pekerjaan/Lembaga	: Mahasiswa (S2) UNHAS
Alamat	: BTN Blok 11 No. 12/Kel/Desa Tanah Kongkong Kec. Ujung Bulu Kab. Bulukumba

Telah melakukan Penelitian dengan judul ***"ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13 – 15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR"*** Pada Hari/Tanggal, Selasa 26 Juli 2022 di MTs Muhzirah Galesong Selatan dengan sangat kondusif, lancar dan baik.

Demikianlah surat keterangan melaksanakan penelitian ini dibuat untuk dipergunakan sebagaimana mestinya.

Galesong Selatan, 26 Juli 2022

Kepala Madrasah MTs Muhzirah Galesong Selatan

[illegible] S.Hum.,S.Pdi

YAYASAN BONTOKANANG
MADRASAH TSANAWIYAH BONTOKANANG
KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR
Alamat : Jl.Raya Poros Galesong Desa Bentang email:mts_bontokanang@yahoo.co.id

SURAT KETERANGAN MELAKSANAKAN PENELITIAN
NOMOR : 083/MTs-BK/SKMP/VII/2022

Berdasarkan surat nomor : 353/IP-DPMPTSPTKTRANS/VII/2022, tanggal 15 Juli 2022 perihal permohonan pelaksanaan izin Penelitian ,maka dengan ini menyatakan bahwa Mahasiswa dengan Biodata :

Nama	: WAHYUNI NURQADRIYANI BUSTAN
Tempat /Tanggal Lahir	: Ternate,12 Januari 1999
Jenis Kelamin	: Perempuan
Pekerjaan /Lembaga	: Mahasiswa (S2) UNHAS
Alamat	: BTN II Blok 11 No.12 Kel/Desa Tanah Kongkong Kec.Ujung Bulu Kab.Bulukumba

Telah Melaksanakan Penelitian dengan Judul "***ANALISIS DETERMINAN KOEKSISTENSI ANEMIA DAN STUNTING PADA REMAJA PUTRI USIA 13-15 TAHUN DI KECAMATAN GALESONG SELATAN KABUPATEN TAKALAR***" pada Hari/Tanggal,Jumat 23 Juli 2022 di Madrasah Tsanawiyah Bontokanang berjalan dengan sangat kondusif ,lancar dan baik

Demikianlah surat keterangan melaksanakan penelitian ini kami buat untuk dipergunakan sebagaimana mestinya.

Bentang ,23 Juli 2022
Kepala Madrasah

Dra.MUHSINAR

Lampiran 10. Dokumentasi Kegiatan

DOKUMENTASI KEGIATAN

Proses uji validitas & reliabilitas kuesioner pengetahuan dan uji coba SQ-FFQ pada responden di luar wilayah penelitian

Proses wawancara terkait karakteristik responden menggunakan kuesioner

Proses pengukuran tinggi badan dan pemeriksaan kadar hemoglobin kepada responden

Proses pengisian kuesioner asupan gizi (SQ-FFQ) dan tingkat pengetahuan kepada responden

Pemberian cenderamata kepada pihak sekolah dan souvernir kepada responden sebagai ucapan terima kasih

Lampiran 11. Riwayat Hidup Peneliti

RIWAYAT HIDUP

A. Data Pribadi

1. Nama : Wahyuni Nurqadriyani Bustan
2. Tempat/ Tgl Lahir : Ternate/ 12 Januari 1999
3. Alamat : Jln. Mannuruki Raya No. 48 Makassar
4. Status Sipil :
    a. Nama Istri/Suami : -
    b. Nama Anak : -

B. Riwayat Pendidikan

1. Pendidikan Formal

a. Tamat SD tahun 2010 di SDN 265 Bintarore
b. Tamat SLTP tahun 2013 di SMPN 2 Bulukumba
c. Tamat SLTA tahun 2016 di SMAN 1 Bulukumba
d. Sarjana (S1) tahun 2020 di Universitas Hasanuddin

2. Pendidikan Non Formal

a. .....
b. .....etc.

C. Pekerjaan dan Riwayat Pekerjaan

1. Pekerjaan : -
2. NIP : -
3. Pangkat/Jabatan : -

D. Karya Ilmiah/ Artikel Jurnal yang telah dipublikasikan

1. Coexistence of anemia and stunting among adolescent girls aged 13-15 years in a coastal area of Indonesia
2. Nutritional status and physical activity of adolescents during Covid-19 pandemic in Palangka Raya city, Indonesia

E. Makalah pada Seminar/Konferensi Ilmiah Nasional dan Internasional

1. .....
2. .....etc.