

## DAFTAR PUSTAKA

- American Psychiatric Association. 2013. *Diagnostic And Statistical Manual of Mental Disorders. Fifth Edition. Schizophrenia Spectrum.*
- Arab, Arwa H. & Nasser A. Elhawary. 2015. *Association between ANKK1 (rs1800497) and LTA (rs909253) Genetic Variants and Risk of Schizophrenia. Biomed Research International.* journal homepage :<http://dx.doi.org/10.1155/2015/821827>.
- Arung, Kristanty Randa & Syafari Daniel Mangopo. 2019. *An Overview of The Genetic Influence of Schizophrenic Patients Treated at The Lakipadada Hospital. International Journal of Clinical Psychiatry.* Hal. 18-22
- Aslan, Selcuk, dkk. Comparison of DRD2 rs1800497 (TaqIA) polymorphism between schizophrenic patients and healthy controls: Lack of association in a Turkish sample. *International Journal of Psychiatry in Clinical Practice.* Turki. Journal homepage: <https://doi.org/10.3109/13651501.2010.492913>
- Ayano, Getinet. 2016. *Schizophrenia: A Concise Overview of Etiology, Epidemiology Diagnosis and Management: Review of literatures. Journal of Schizophrenia Research.* Ethiopia.
- Behravan, Javad, dkk. 2008. *Linkage and Association of DRD2 Gene TaqI Polymorphism with Schizophrenia in an Iranian Population. Archives of Iranian Medicine, Volume 11, Number 3,* Hal.252 – 256.
- Bloomfield, Michael Ap, dkk. 2019. *The effects of psychosocial stress on dopaminergic function and the acute stress response. Research Article.* Jerman. DOI: <https://doi.org/10.7554/eLife.46797>.
- Bo'Do', S. 2008. *Kerbau Dalam Tradisi Orang Toraja. Pusat Kajian Indonesia Timur.* Universitas Hasanuddin.
- Brown, Alan S. 2011. *The Environment and susceptibility to Schizophrenia. Progress in Neurobiology.* Elsevier Journal. Columbia University. New York. Ed. 29. Hal. 23-58.
- Chaudhary, Amrita, dkk. 2019. *DRD2 TaqI A polymorphism in Eastern Uttar Pradesh population. Human Molecular Genetics Laboratory, Department of Biotechnology, VBS Purvanchal University.* <https://doi.org/10.1101/783514>
- Chen, Laura, dkk. 2017. *Risk Factors in Early and Late Onset Schizophrenia. Comprehensive Psychiatry,* doi: [10.1016/j.comppsy.2017.09.009](https://doi.org/10.1016/j.comppsy.2017.09.009)
- Cordeiro, Quirino & Homero Vallada. 2014. *Association study between the Taq1A (rs1800497) polymorphism and schizophrenia in a Brazilian sample.* Departemen Psikiatri Universitas San Paulo, Brazil. Hal. 582-586.
- Data Primer. 2019. *Prevalensi Kasus Skizofrenia.* Dinas Kesehatan Kabupaten Tanah Toraja.
- Demmalino. 2004. *Utang Budaya Perempuan Tana Toraja.* Yogyakarta: Pusat Studi Kependudukan dan Kebijakan Universitas Gadjah Mada.

Dubertret, Caroline, dkk. 2010. *A genetic schizophrenia-susceptibility region located between the ANKK1 and DRD2 genes. Progress in Neuro-Psychopharmacology & Biological Psychiatry. Elsevier Journal.* Hal. 492-499.

Foster, Adriana, dkk. 2017. *Genetics and Antipsychotic Response in Schizophrenia: an Update. Springer International Publishing.*

Gistau, Vanessa Sanches, dkk. 2019. *The Effect of ANKK1 Taq1A Polymorphism on Cognition in Recent-Onset Psychosis: A Controlled Study. Department of Mental Health, Parc Taulí Hospital Universitari, Sabadell, Universitat Autònoma, Spain.* Hal. 2109-2119.

Gomes, Felipe V. Xiyu Zhu. Anthony A. Grace. 2019. *Stress during critical periods of development and risk for schizophrenia. Schizophrenia Research . USA.*

Grillo, Laura S. 2008. *Rambu Solo': the Toraja Cult of the Dead and Embodied Imagination.*

Guntara, Fuad, dkk. 2016. *Kajian Sosial-Budaya "Rambu Solo" Dalam Pembentukan Karakter Peserta Didik. Jurnal Pendidikan.*

Himei, Akio, dkk. 2002. *The influence on the schizophrenic symptoms by the DRD2Ser/Cys311 and -141C Ins/Del polymorphisms. Psychiatry and Clinical Neurosciences.* Hal 97-102.

Holan, Douglas W & Jane C. Wellenkamp. 1996. *The Therad of Life. Toraja Reflections on the Life Cycle. University of Hawai'i Press books. USA.*

Howes, D. Oliver & Shitik Kapur. 2009. *The Dopamine Hypothesis of Schizophrenia: Version III—The Final Common Pathway.* Hal 549-562.

Hunt, Raymond. 1993. *Socio-cultural Factor in Mental Disoder.* Hal. 96-106.

Jong, Edwin De. 2013. *Making a Living between Crises and Ceremonies in Tana Toraja. Royal Netherlands Institute of Southeast Asian and Caribbean StudiesLeiden-Boston. Vol. 284.*

Jones, Simon R & Charles Fernyhough. 2007. *A New Look at the Neural Diathesis–Stress Model of Schizophrenia: The Primacy of Social-Evaluative and Uncontrollable Situations. Schizophrenia Bulletin vol. 33 no. 5. Durham, UK.*

Kalra, Gurvinder, Dinesh Bhugra, Nilesh Shah. 2012. *Cultural Aspects of Schizophrenia. International Review of Psychiatry,24(5): Hal. 441–449*

Kay SR, Fiszbein A, Opler LA. 2007. *Positive and Negative Syndrome Scale (PANSS). Psychiatric University Hospital Zurich Division of Clinical Psychiatry.*

Kementrian Kesehatan Republik Indonesia. *Peran Keluarga Dukung Kesehatan Jiwa Masyarakat.* 2016.

Klaus, Kristel, dkk. 2019. *The effect of ANKK1 Taq1A and DRD2 C957T polymorphisms on executive function: A systematic review and meta-analysis.*

Neuroscience and Biobehavioral Reviews. Hal. 224-236. journal homepage: [www.elsevier.com/locate/neubiorev](http://www.elsevier.com/locate/neubiorev)

Lacono, William G & Morton Beiser. 1992. *Are Males More Likely Than Females to Develop Schizophrenia? AMJ Psychiatry*. Hal. 1070-1074

Lavretsky, Helen. 2008. *Clinical Handbook of Schizophrenia. History of Schizophrenia as A Psychiatric Disorder. Chapter 1.*

Li, Rena, dkk. 2016. *Why sex differences in Schizophrenia? Beijing Key Laboratory of Mental Disorders, Beijing Anding Hospital Capital Medical University, Beijing J. Trans Neurosci (Beijing)*. PMC. Hal. 37-42.

Liebermann, Jeffrey A. & Amy R. Koren. 1993. *Neurochemistry and Neuroendocrinology of Schizophrenia: A Selective Review. Vol. 19. No.2*. Hal. 371-427.

Lim, Caroline, dkk. 2009. *Psychosocial Factors in the Neurobiology of Schizophrenia: A Selective Review. Annals Academy of Medicine*. Singapura.

Lullulangi, M. 2007. *Arsitektur Tradisional Toraja*. Makassar: Balai Penerbit Universitas Negeri Makassar Desain Modern. 2007.

Mayo, Danessa, dkk. 2017. *The Role of Trauma and Stressful Life events among individuals at Clinical High Risk for Psychosis: A Review. Frontiers in Psychiatry*. Vol. 58. USA.

Mayo, Danessa, dkk. 2017. *The Role of Trauma and Stressful Life events among individuals at Clinical High Risk for Psychosis: A Review. Frontier in Psychiatry Journal*. San Fransisico. USA.

McCutcheon, Robert A, dkk. 2019. *Chronic psychosocial stressors are associated with alterations in salience processing and corticostriatal connectivity. Universitas College London. Elsevier Journal*. Hal. 56-64. UK.

Mota, N.R., Araujo-Jnr, E.V., Paixao-Cortes, V.R., Bortolini, M.C. and Bau, C.H.D. 2012. *Linking Dopamine Neurotransmission and Neurogenesis: The Evolutionary History of the NTAD (NCAM1-TTC12-ANKK1-DRD2) Gene Cluster. Genetics and Molecular Biology*, 35, Hal. 912-918. Journal homepage: <https://doi.org/10.1590/S1415-47572012000600004>.

Neville, J. Mat, dkk. 2004. *Identification and Characterization of ANKK1: A Novel Kinase Gene Closely Linked to DRD2 on Chromosome Band 11q23.1. Published Online Wiley Interscience*. Hal. 540-545

Neville, Matt J. dkk. 2004. *Identification and Characterization of ANKK1: A Novel Kinase Gene Closely Linked to DRD2 on Chromosome Band 11q23.1. Department of Clinical Pharmacology, University of Oxford*. Hal 540-545

Ochoa, Susana, dkk. 2012. *Gender Differences in Schizophrenia and First-Episode Psychosis: A Comprehensive Literature Review. Article. Research and Developmental Unit of Parc Sanitari Sant Joan de D'eu, CIBERSAM, GTRDSM, Sant Boi de Llobregat, Barcelona, Spain*. Hal. 1-9

- Ponce G, Pérez-González R, Aragüés M, et al. 2009. *The ANKK1 kinase gene and psychiatric disorders. Neurotox Res.* Hal. 50-59.
- Pruessner, Marita, dkk. 2017. *The neural diathesis-stress model of schizophrenia revisited: An update on recent findings considering illness stage and neurobiological and methodological complexities.* Neuroscience and Biobehavioural Review. Elsevier Journal. UK.
- Reynolds, G.P. 1989. *Beyond the Dopamine Hypothesis The Neurochemical Pathology of Schizophrenia. British Journal of Psychiatry.* Hal. 306-316.
- Riskesdas. Hasil Utama Riskesdas 2018. Badan Penelitian dan Pengembangan Kesehatan. Kementrian Kesehatan Republik Indonesia. Hal. 98-100
- Rotenberg, Martin, dkk. 2017. *Psychosocial stressors contributing to emergency psychiatric service utilization in a sample of ethno-culturally diverse clients with psychosis in Toronto. Research Article. BMJ Psychiatry.*
- Sadidan, Ikhwanussafa, dkk. 2015. *Faktor Sosial dan Budaya Kaitannya dengan Nilai Jual kerbau. Fakultas Peternakan. Universitas Padjajaran.*
- Sadock, Benyamin J. (Ed) dkk. 2017. *Kaplan & Saddock. Comprehensive Textbook of Psychiatry. Vol.1. Tenth Edition.* New York
- Salu, Pebriani Soulun, dkk. 2018. *Persepsi Masyarakat Petani terhadap Tradisi Rambu Solo/Pemakaman Adat di Desa Marinding Kecamatan Mengkendek Kabupaten Tana Toraja.* Hal. 67-78.
- Sinaga, B.R. 2006. *Skizofrenia dan Diagnosis Banding.* Fakultas Kedokteran Universitas Indonesia.
- Stahl, Stephen. 2013. *Stahl's Essential Psychopharmacology. Neuroscience Basic and Practical Applications. 4<sup>th</sup> Edition. Publihed Cambridge University Press, New York.* [www.cambridge.org/9781107025981](http://www.cambridge.org/9781107025981)
- Syamsuddin, S. Yusuf I, Tanra, Idris I. 2019. *The Polymorphisms of DRD2 141-C Ins/Del Receptor Influenced The Treatment Responses of Schizophrenia Patients. Neuropsychiatry (London) Vol 9 (5), 2467-2470*
- Tangdilintin. 2009. *Toraja Sebuah Penggalan Sejarah dan Budaya.* Makassar: Balai Pelestarian Sejarah dan Nilai Tradisional Makassar.
- Totanan, Charlarce. 2012. *Debt and Credit Principle in Culture Toraja Ethnic "RambuSolo": A New Perspective Non Contractual. IOSR Journal of Business and Management. Volume 4, Issue 3.* Hal. 26-31.
- Vasconcelos, Any Carolina C. G., dkk. 2015. *Association Study of the SLC6A3 VNTR (DAT) and DRD2/ANKK1 Taq1A Polymorphisms with Alcohol Dependence in a Population from Northeastern Brazil. Clinical and Experimental Research.* Vol. 29. No. 2. Hal 205-211.

Viswanath, Biju. Santosh K. Chaturvedi. 2012. *Cultural Aspects of Major Mental Disorders: A Critical Review from an Indian Perspective. Review Article. Indian Journal of Psychological Medicine* Bangalore, Karnataka, India. Vol. 34.

W. Roosler. 2001. *Schizophrenia: Psychosocial Factors. Springer Berlin Heidelberg*. Chapter 9.

Wang, Yurong, dkk. 2016. *Review: The -141C Ins/Del and Taq1A polymorphism in the dopamine D2 receptor gene may confer susceptibility to schizophrenia in Asian populations. Journal of Clinical Neuroscience*. Hal. 1-7.

Yao, Jun. dkk. 2014. *Association Between DRD2 (rs1799732 and rs1801028) and ANKK1 (rs1800497) Polymorphisms and Schizophrenia: A Meta-Analysis. School of Forensic Medicine, China Medical University, Shenyang. American Journal of Medical Genesis. China*.

Zahnia, Sitti & Dyah W. Sumekar. 2016. *Kajian Epidemiologis Skizofrenia. Majority*. Vol. 5. No. 4. Hal. 160-166.

## Lampiran 1 Kuisisioner

Nama :

Umur :

Status Perkawinan :

Pendidikan Terakhir :

### Soal

### Jawaban

6.3. Apakah anda mempunyai masalah keluarga sebelumnya?

 ya tidak

Jika ya apa masalahnya:.....

.....

.....

6.4. Apakah Anda mempunyai masalah dengan lingkungan sosial?

 ya tidak

Jika Ya apa masalahnya:.....

.....

.....

6.5. Apakah Anda mempunyai masalah dengan perkawinan?

 ya tidak

Jika Ya apa masalahnya : .....

.....

.....

6.6. Apakah Anda mempunyai masalah dengan pekerjaan ?

 ya tidak

Jika Ya apa masalahnya : .....

.....

.....

6.7. Apakah Anda mempunyai masalah dengan ekonomi?

 ya tidak

Jika Ya apa masalahnya:.....

.....

.....

6.8. Apakah Anda mempunyai masalah dengan pengasuhan orang tua?  ya  tidak

Jika Ya apa masalahnya:.....  
.....  
.....

6.9. Apakah Anda mempunyai masalah psikososial lain?  ya  tidak

Jika Ya apa masalahnya:.....  
.....  
.....

6.10. Apakah Anda mempunyai utang pesta adat berupa kerbau ?  ya  tidak

Jika ya, berapa ekor .....  
.....  
.....

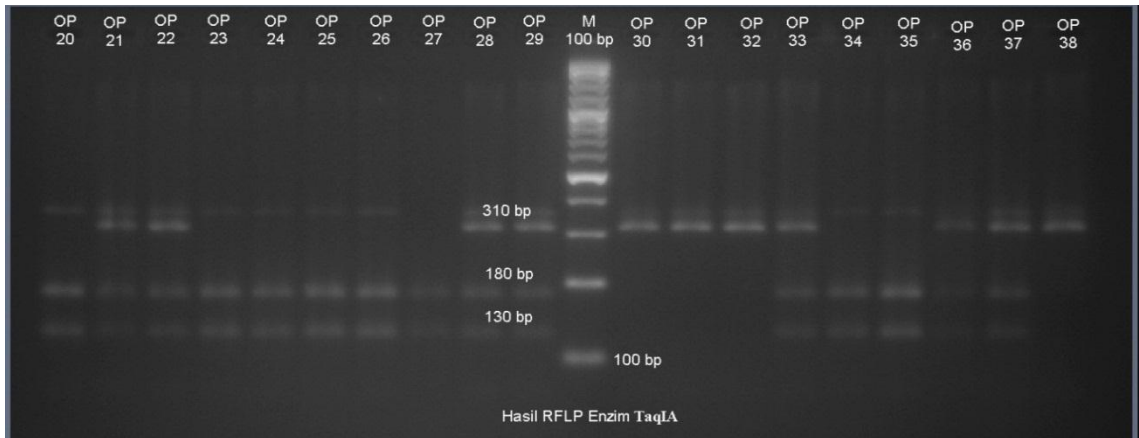
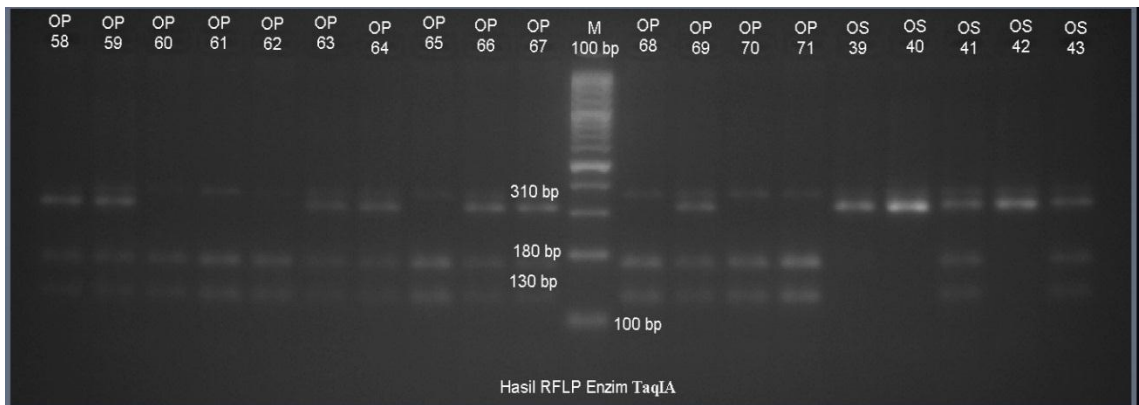
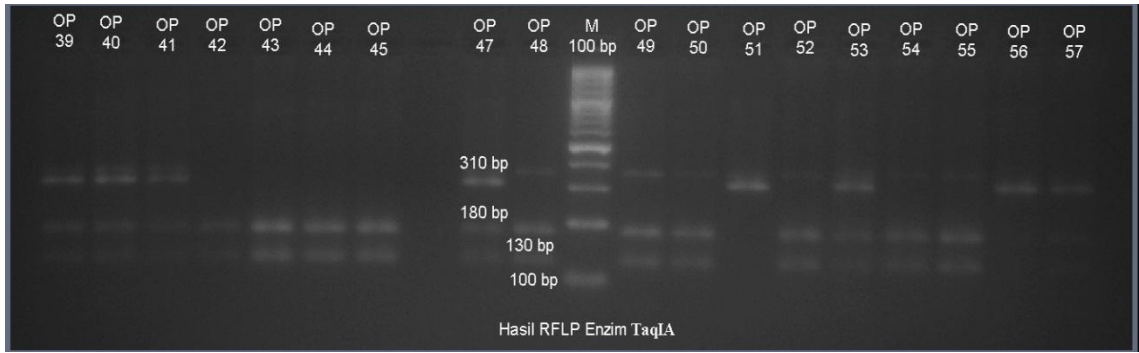
6.11. Apakah utang ini menjadi beban pemikiran anda ?  ya  tidak

Jika iya, mengapa :.....  
.....  
.....

6.12. Apakah anda bekerja?

ya  tidak

Jika iya, berapa kira – kira penghasilan anda dalam satu bulan.....  
.....  
.....  
.....



**Polimorfisme \* Variabel Crosstabulation**

			Variabel		Total
			Skizofrenia	Kontrol Suku Toraja	
Polimorfisme	A1A1	Count	11	13	24
		Expected Count	12.0	12.0	24.0
	A1A2	Count	26	41	67
		Expected Count	33.5	33.5	67.0
	A2A2	Count	33	16	49



	Expected Count	24.5	24.5	49.0
Total	Count	70	70	140
	Expected Count	70.0	70.0	140.0

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	9.423 <sup>a</sup>	2	.009	.010		
Likelihood Ratio	9.576	2	.008	.010		
Fisher's Exact Test	9.427			.009		
Linear-by-Linear Association	5.230 <sup>b</sup>	1	.022	.030	.015	.007
N of Valid Cases	140					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.00.

b. The standardized statistic is -2.287.

#### Polimorfisme \* Variabel Crosstabulation

			Variabel		Total
			Skizofrenia	Kontrol Suku Non Toraja	
Polimorfisme	A1A1	Count	11	10	21
		Expected Count	10.5	10.5	21.0
	A1A2	Count	26	41	67
		Expected Count	33.5	33.5	67.0
	A2A2	Count	33	19	52
		Expected Count	26.0	26.0	52.0
Total	Count	70	70	140	
	Expected Count	70.0	70.0	140.0	

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	7.175 <sup>a</sup>	2	.028	.025		
Likelihood Ratio	7.251	2	.027	.028		
Fisher's Exact Test	7.161			.025		
Linear-by-Linear Association	2.537 <sup>b</sup>	1	.111	.141	.070	.028
N of Valid Cases	140					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 10.50.

b. The standardized statistic is -1.593.

#### Suku \* Polimorfisme Crosstabulation

			Polimorfisme			Total
			A1A1	A1A2	A2A2	
Suku	Skizofrenia	Count	11	13	10	34
		Expected Count	11.3	11.3	11.3	34.0
	Kontrol Suku Toraja	Count	26	41	41	108
		Expected Count	36.0	36.0	36.0	108.0
	Kontrol Suku Non Toraja	Count	33	16	19	68
		Expected Count	22.7	22.7	22.7	68.0
Total		Count	70	70	70	210
		Expected Count	70.0	70.0	70.0	210.0

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	11.843 <sup>a</sup>	4	.019	.018		
Likelihood Ratio	11.753	4	.019	.021		
Fisher's Exact Test	11.589			.020		
Linear-by-Linear Association	2.615 <sup>b</sup>	1	.106	.120	.060	.013
N of Valid Cases	210					

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	11.843 <sup>a</sup>	4	.019	.018		
Likelihood Ratio	11.753	4	.019	.021		
Fisher's Exact Test	11.589			.020		
Linear-by-Linear Association	2.615 <sup>b</sup>	1	.106	.120	.060	.013
N of Valid Cases	210					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.33.

b. The standardized statistic is -1.617.

**Alel \* Pasien2 Crosstabulation**

			Pasien2		Total
			Skizofrenia	Kontrol Suku Toraja	
Alel	T	Count	48	67	115
		Expected Count	57.5	57.5	115.0
C	Count	92	73	165	
	Expected Count	82.5	82.5	165.0	
Total	Count	140	140	280	
	Expected Count	140.0	140.0	280.0	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.327 <sup>a</sup>	1	.021		
Continuity Correction <sup>b</sup>	4.781	1	.029		
Likelihood Ratio	5.346	1	.021		
Fisher's Exact Test				.029	.014
Linear-by-Linear Association	5.308	1	.021		
N of Valid Cases <sup>b</sup>	280				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 57.50.

b. Computed only for a 2x2 table

**Gen-stressor \* Status Pasien Crosstabulation**

Count		Status Pasien		
		Skizofrenia	Normal	Total
		Gen-stressor	A1A1-ada stressor	10
	A1A1-tidak ada stressor	1	2	3
	A1A2-ada stressor	21	31	52
	A1A2-tidak ada stressor	5	11	16
	A2A2-ada stressor	24	10	34
	A2A2 - tidak ada stressor	9	5	14
Total		70	70	140

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	11.462 <sup>a</sup>	5	.043	.037		
Likelihood Ratio	11.727	5	.039	.050		
Fisher's Exact Test	11.463			.034		
Linear-by-Linear Association	4.272 <sup>b</sup>	1	.039	.044	.022	.005
N of Valid Cases	140					

a. 2 cells (16.7%) have expected count less than 5. The minimum expected count is 1.50.

b. The standardized statistic is -2.067.

**Gen\_Stressor\_ALeI \* Kontrol Crosstabulation**

Count		Kontrol		Total
		Skizofrenia	Orang Sehat Suku Non Toraja	
		Gen_Stressor_ALeI	T + Ada Masalah	

T + Tidak Ada Masalah	9	16	25
C + Ada Masalah	70	54	124
C + Tidak Ada Masalah	23	20	43
Total	140	140	280

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	5.870 <sup>a</sup>	3	.118
Likelihood Ratio	5.908	3	.116
Linear-by-Linear Association	3.482	1	.062
N of Valid Cases	280		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.50.

#### GenoTTCC \* Status Pasien Crosstabulation

Count		Status Pasien		
		Skizofrenia	Normal	Total
		GenoTTCC	Genotip TT+TC+Ada Masalah	31
	Genotip TT+TC+Tida Ada	5	13	18
	Genotip CC+Ada Masalah	25	10	35
	Genotip CC+Tidak Ada Masalah	9	5	14
Total		70	70	140

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	12.785 <sup>a</sup>	3	.005	.004		
Likelihood Ratio	13.147	3	.004	.005		
Fisher's Exact Test	12.715			.005		

Linear-by-Linear Association	7.029 <sup>b</sup>	1	.008	.010	.005	.002
N of Valid Cases	140					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.00.

b. The standardized statistic is -2.651.

**Genotip \* Stressor Crosstabulation**

Count		Stressor			Total
		>=2 stressor	1 stressor	tidak ada stressor	
Genotip	A1A1	2	8	1	11
	A1A2	4	17	5	26
	A2A2	10	14	9	33
Total		16	39	15	70

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	4.961 <sup>a</sup>	4	.291	.305		
Likelihood Ratio	5.176	4	.270	.311		
Fisher's Exact Test	4.610			.335		
Linear-by-Linear Association	.006 <sup>b</sup>	1	.939	1.000	.518	.097
N of Valid Cases	70					

a. 2 cells (22.2%) have expected count less than 5. The minimum expected count is 2.36.

b. The standardized statistic is .077.

**Genotip2 \* Stressor Crosstabulation**

Count	Stressor			Total

		>=2 stressor	1 stressor	tidak ada stressor	
Genotip2	Genotip TT+TC	6	25	6	37
	Genotip CC	10	14	9	33
Total		16	39	15	70

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)	Point Probability
Pearson Chi-Square	4.489 <sup>a</sup>	2	.106	.107		
Likelihood Ratio	4.531	2	.104	.113		
Fisher's Exact Test	4.429			.107		
Linear-by-Linear Association	.036 <sup>b</sup>	1	.850	.861	.496	.139
N of Valid Cases	70					

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.07.

b. The standardized statistic is -.189.

#### Alel2 \* Status Pasien Crosstabulation

Count		Status Pasien		
		Skizofrenia	Normal Non Toaraja	Total
Alel2	Alel T	48	61	109
	Alel C	92	79	171
Total		140	140	280

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2.539 <sup>a</sup>	1	.111		
Continuity Correction <sup>b</sup>	2.163	1	.141		

Likelihood Ratio	2.543	1	.111		
Fisher's Exact Test				.141	.071
Linear-by-Linear Association	2.530	1	.112		
N of Valid Cases <sup>b</sup>	280				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 54.50.

b. Computed only for a 2x2 table