

DAFTAR PUSTAKA

Allison P.D., 2014, *Measures of fit for logistic regression*. Paper 1485-2014, Statistical Horizons LLC and the University of Pennsylvania

Antoniou C. and Tyrinopoulos Y., 2013, *Factors Affecting Public Transport Use in Touristic Areas*, International Journal of Transportation Vol.1, No.1 (2013), pp. 91-112 <http://dx.doi.org/10.14257/ijt.2013.1.1.06>

Association of Southeast Asian Nation, ASEAN Statistical YearBook 2018, Table 28. Tourist Arrival in ASEAN, ASEANstats

Badan Pusat Statistik (BPS) Indonesia, 2017, Statistik Indonesia 2017, Jakarta

Badan Pusat Statistik (BPS) Provinsi Bali, 2017, Statistik Wisatawan Mancanegara ke Bali, Penerbit BPS Provinsi Bali

Baldacchino G. and Ferreira E.C.D., 2013, *Competing Nations on Diversity in Archipelago Tourism : Transport Logistic, Official Rhetoric and Inter-Island Rivalry in The Azores*, Island Studies Journal, Vol. 8, No. 1, 2013, pp.84-104

Bali Government Tourism Office. 2016. *Tourist Attractions & Places of Interest in Bali*, Publisher Bali Government Tourism Office, Bali

Bali Government Tourism Office. 2017. *Bali Tourism Statistic 2017*. Publisher Bali Government Tourism Office, Bali



a RM. N., 2011, Peranan Transportasi Dalam Pariwisata, Studi Kasus : Pemilihan daerah Tujuan Wisata (Dtw/Destinas) oleh Wisatawan di Bali, Jurnal Ilmiah Teknik Sipil Vol. 15, No.2, Juli 2011

Can V.V, 2013, *Modelling Tourism Demand, Travel Mode Choice and Destination Loyalty*, A Dissertation for the Degree of Philosophiae Doctor, March 2013, University of Tromsø UIT

Cheng L., ChenX., WeiM., WuJ.,HouX., 2014, *Modeling Mode Choice Behavior Incorporating Household and Individual Sociodemographics and Travel attributes*, Hindawi Publishing Corporation, Volume 2014, Article ID 560919,

Cooper C., Fletcher J., Fyall A., Gilbert D., Wanhill S., 2003, *Tourism Principles and Practise*, Third Edition, Prentice Hall

Crouch G.I.,2009,*Modelling Consumer Choice Behaviour in Space Tourism*, Tourism Management 30 (3): 441-454, 2009

Derakhsan A., 2015, *Mode Choice Behaviour of Intercity Travel for Visiting Friends and Relatives in Peninsular Malaysia*, Disertasi Universiti Teknologi Malaysia

Ganzon M.K.M., Fillone A.M., 2013, *Choice Analysis of Tourist Spots : The Case of Guimaras Province*, Journals of the Eastern Asia Society for Transportation Studies Vol.10, 2013

Goeldner C.R. and RitchieJR.B., 2012, *Tourism Principles, Practises, Philosopies*, 12th Edition, John Wiley & Sons, Inc. New Jersey, USA

Gowreesunkar V.GB. and Sotiriadis M., 2015, *Entertainment of Leisure Tourist in Island Destinations : Evidence from The Island of Mauritius*, African Journal of Hospitality, Tourism and Leisure Vol. 4-2015, ISSN : 2223-314-Open Access-Online@http://www.ajhtl.com



Gronau W., Kagermeier A., 2007, *Key Factors for Successful Leisure and Tourism Public Transport Provision*, Journal of Transport Geography 15 (2007) 127-135 Elsevier Science Direct

Hakim R., Ramli M.I., Sumarni H., Ramli R., 2017, *A Choice Model On Trip Mode Chain For Inter-Islands Commuters in North Molucca-Indonesia: A Case Study of The Ternate Island-Halmahera Island Trip*, International Journal of Civil Engineering and Technology (IJCIET), Volume 8 Issue 7, July 2017, pp 1050-1057

Hakzah, 2016, *A Study on Behaviours of Inter-City Freight Transport Within Province (A Case Study: The Freight Transport In South Sulawesi Province – Indonesia)*, International Journal Of Current Research

Hermawati P., Adisasmita S.A., Ramli M.I., Sumarni H., 2016, *A Study On The Characteristic of Tourists Trip Distribution in Bali, Indonesia*, Proceeding of The International Seminar on Infrastructure Development (ISID) 2016, Makassar

Hermawati P., Adisasmita S.A., Ramli M.I., Sumarni H., 2017 (a), *Perancangan Instrumen Kuis Perilaku Perjalanan Wisatawan Mancanegara di Bali*, LOGIC (Jurnal Rancang Bangunan Teknologi), Vol.17 No.1, Maret

Hermawati P., Adisasmita S.A., Ramli M.I., Sumarni H., 2017 (b), *Studi Perilaku Pemilihan Moda oleh Wisatawan Asing di Destinasi Pariwisata Bali*, Prosiding Seminar Nasional dan Tengah Tahunan FSTPT, Semarang

Hermawati P., Adisasmita S.A., Ramli M.I., Sumarni H., 2017 (c), *The Travel Behaviors of Foreign Tourist in Bali-Indonesia*, Proceeding of the 2th International Conference of Eastern Asia Society for



Transportation Studies (EASTS), Ho Chi Minh City-Vietnam, 2017

Hermawati P, Adisasmita S.A., Ramli M.I., Sumarni H., 2017 (d), Analisis Waktu Tempuh Perjalanan Wisatawan Mancanegara di Destinasi Berbasis Multi Daya Tarik Wisata Bali, Prosiding Simposium Forum Studi Transportasi Antar Perguruan Tinggi (FSTPT) ke-20, Makassar, 2017

Hermawati P., Adisasmita S.A., Ramli M.I., Sumarni H., 2017 (e), Analisis Atribut Moda Perjalanan Wisatawan Mancanegara Berbasis Kendaraan Sewa di Bali, Prosiding Seminar Nasional Sains dan Teknologi IV (SENASTEK IV), Denpasar, 2017

Hosmer D.W and Lemeshow S., 2013. *Applied Logistic Regression*. Series in Probability and Statistics: A Wiley-Interscience Publication, USA

Hsu T-K., Tsai Y-F., Wu H-H, 2009, *The Preference Analysis for Tourist Choice of Destination : A Case study of Taiwan*, Elsevier Tourism Management 30 (2009) 288-297

Irawan M.Z., Sumi, T., 2013, *Modeling Travel Mode Choice : Application of Discrete-Continuous Model (A Case of Traveler in Yogyakarta, Indonesia)*, Proceeding of the Eastern Asia Society for Transportation Studies, Vol. 9, 2013

Jennings G., 2001, *Tourism Research*, John Wiley and Sons Australia, Ltd, 33 Park Road Milton, Qld 4064



Optimization Software:
www.balesio.com

T.B dan Rizki M., 2015, *Classification Analysis of Students Trip chain in Bandung*, Indonesia, Journal of the Eastern Asia Society for Transportation Studies, Vol. 11, 2015

TR, Wu C.L, Dwyer L, 2009, *Ground Travel Mode Choices of Air*

arrivals at Regional destinations: The significance of tourism attributes and destination context, Journal Elsevier Research in Transportation Economics xxx (2009) 1-10

Koppelman F.S. and Bhat C., 2006, *A Self Instructing Course in Mode Choice Modeling : Multinomial and Nested Logit Models*, Prepared for U.S. Department of Transportation, Federal Transit Administration

LaMondia J., Snell T., Bhat C.R., 2009, *Traveler Behavior and Value Analysis in the Context of Vacation Destination and Travel Mode Choices : A European Union Case Study*, Dept of Civil, Architectural&Environmental Engineering, The University Station C1761, Austin, Texas

Long J. S., and Freese J., 2001. *Regression Models For Categorical Dependent Variables Using Stata*, Stata Press Publication , College Station, Texas

Malaysia Tourism Statistic in Brief, 2016, *Tourist Arrival& Receipt to Malaysia year 2016*, Published 2017

McGuckin N., Murakami E., 2009, *Examining Trip-Chaining Behavior, A Comparison of Travel by Men and Women*, Transportation Research Record 1693, 79 – 85, Washington DC

Mill R.C, 2000, *Tourism The International Business*, Prentice Hall Inc, ISBN 979-421-747-6

, 2017, Perkembangan Pola Tata Ruang Kawasan Destinasi Pariwisata Kepulauan di Pulau Batam, Prosiding Seminar Heritage IPLBI 2017, B 327



Website of The Ministry of Tourism Republic of Indonesia, 2017, Bali Best Island in the World for 12 consecutive years, Indonesia.

Ooeda Y., Uemura H., Sumi T., 2005, *A Study for Model of One Day Tour to Some Recreational Facilities Based on the Occasional Difference*, Journal of the Eastern Asia Society for Transportation Studies, Vol. 6, pp. 2170 - 2177

Pasra M., Ramli M.I, Adisasmita S.A, Pallu M.S, 2013, *The Shopping Trips for Traditional Markets in Makassar City : Trip Attraction and Frequency Analysis using Regression and Logit Model*, Proceedings of the Eastern Asia Society for Transportation Studies, Vol. 9, 2013

Peraturan Gubernur Bali No. 64 Tahun 2014, Sistem Transportasi Nasional pada Tataran Transportasi Wilayah Provinsi Bali

Peraturan Presiden Republik Indonesia No. 32 Tahun 2011, Masterplan Percepatan dan Perluasan Pembangunan Ekonomi Indonesia (MP3EI) 2011 – 2025, Jakarta

Peraturan Pemerintah Republik Indonesia Nomor 50 Tahun 2011, Rencana Induk Pembangunan Kepariwisata Nasional Tahun 2010 – 2025, Penerbit Pemerintah RI

Primerano F., Taylor M.A.P, Pitaksringkarn L., Tisato P., 2008, *Defining and Understanding Trip Chaining Behavior*, Transportation Springer Link US, Volume 35 Issue (1), pp55 -72

Ramdanni M.R., 2010, *Eksplorasi Pola Rantai Perjalanan Pengguna Angkutan Publik di Kota Bandung*, Prosiding Simposium FSTPT XIII, Semarang

I., Oeda Y., and Sumi T., 2010, *Study on Mode Choice Model of Trip for Daily Household Logistic based on Binomial Logit Model*, Proceeding of F-Log 2010



Ramli M.I., Oeda Y., Sumi T., and Matsunaga C., 2013, *A Simultaneous Choice Model of Departure Time and Travel Mode on One-Day Shopping Travel based on Disutility Minimizing Model Approach*, Proceedings of The Eastern Asia Society for Transportation Studies, Vol. 9 2013

Razak A. dan Rimadewi S., 2013, *Pengembangan Kawasan Pariwisata Terpadu di Kepulauan Seribu*, Jurnal Teknik POMITs Vol. 2, No. 1 2013

Shifan Y., 2012, *Practical Approach to Model Trip Chaining*, Paper No. CS-8065, Transportation Research Record 1645, United States

Sicotte G., Morency C., Farooq B., 2017, *Comparison between Trip and Trip Chain Models : Evidence from Montreal Commuter Train Corridor*, Interuniversity Research Centre on Enterprise Network, Logistic and Transportation Cirrelt-2017-35

Singapore Tourism Board, 2017, *International Visitors Arrival Statistic*, Publish Date 23 April 2018

Subbarao SSV., Krishna R.KV., 2013, *Trip Chaining Behavior in Developing Countries: A Study of Mumbai Metropolitan Region, India*, European Transport (2013) Issue 53, Paper no 3, ISSN 1825-3997

Sudijeng L., Aryawan IGM.O., Astawa I P. *Engineering-Ergonomics Versus Socio-Economics; A Case Study of The Toll Road Bali Mandara, Indonesia*, International Journal of GEOMATE, Sept. 2018, Vol. 15, Issue 49, pp 177-184.



o G., 2013, *Model Pemilihan Moda dan Perbandingan Perilaku Perjalanan (Studi Kasus di Yogyakarta dan*

Filipina), Konferensi Nasional Teknik Sipil 7 (KoNTeks 7), UNS Surakarta, T 131-137

Suradnya I M., 2006, Analisis Faktor-Faktor Daya Tarik Wisata Bali dan Implikasinya Terhadap Perencanaan Pariwisata Daerah Bali, Seminar Mengelola Bali sebagai Daerah Tujuan Wisata Dunia, Sekolah Tinggi Pariwisata Bali

Stylidis D., Terzidou M., and Terzidis K., 2007. *Island Tourism and Its Socio-Economic Impacts*. MIBES 2007 954-961

Tambunan N., 2009, Posisi Transportasi dalam Pariwisata, Majalah Ilmiah Nusantara, edisi VI, Januari – Juni 2009, halaman 39 – 48

Tamin O.Z, 2008, Perencanaan, Pemodelan dan Rekayasa Transportasi, Teori, Contoh soal dan Aplikasi, Penerbit ITB Bandung

Tourism Authority of Thailand, 2017, *International Visitors Arrival Statistic*, Publish Date 23 April 2018

Undang-undang Republik Indonesia Nomor 10 Tahun 2009, tentang Kepariwisata, Pemerintah RI

Utama M.S, 2006, Pengaruh Perkembangan Pariwisata Terhadap Kinerja Perekonomian dan Perubahan Struktur Ekonomi dan Kesejahteraan Masyarakat di Provinsi Bali, Ringkasan Disertasi, bidang Ilmu Ekonomi dan Pembangunan Pasca Sarjana UNAIR, Surabaya



Optimization Software:
www.balesio.com

, 2012, *The Complexity of Travel : Trip chaining in Norway*, Institute of Transport Economics, Association for European Transport and Contributor, page 1 - 11

venter J.J., Ronan J.R., 2014, *A Study of International Tourist's*

Transportation Mode Preference to from and within Daejeon, Korea,
Dissertation, Woosong University, Daejeon, Korea

Wang B., Shao C., Ji X., 2017, *Dynamic Analysis of Holiday Travel Behaviour with Integrated Multimodal Travel Information Usage : A Life – Oriented Approach*, Elsevier Transportation Research Part A

Wedagama D.M.P, Disaanayake D.,2010, *Analysing Motorcycle Injuries on Arterial Roads in Bali Using a Multinomial Logit Model*, Journal of the Eastern Asia Society for Transportation Studies, Vol. 8

Widiarta I.B.P dan Wardana I.G.N., 2011, Analisis Pemilihan Modadengan Regresi Logistik pada Rencana Koridor Tr ayek Trans Sarbagita, Jurnal Ilmiah Teknik Sipil, Vol. 15 No. 2, halaman 131 -142

Widodo B.P., Sulistio H., Wicaksono A. and Djakfar L., Analysis of Traffic Characteristic and Goods Transport in Manado, Indonesia, International Journal of GEOMATE, Dec. 2017, Vol. 13, Issue 40, pp 112-117.

Yusendra M.A.E., 2015, Analisis Faktor-faktor yang Mempengaruhi Keputusan Pemilihan Destinasi Wisata bagi Wisatawan, Jurnal Magister Manajemen, Vol. 01, Januari 2015, halaman 46 - 64

Zhang J. and Van Acker V., 2017, *Life-oriented travel behavior research: An overview*, Journal Elsevier Science Direct Transport Research Part A (2017), <http://dx.doi.org/10.1016/j.tra.2017.06.004>





QUESTIONNAIRE

CHARACTERISTICS

Write data in the blank as follows:

- a. Nationality :** 1. Indonesian 2. Professional 3. Entrepreneur 4. Employee 5. Army 6. Student 7. Others.....
- b. Education :** 1. University 2. Vocational /College 3. High School 4. Others.....
- c. Gender :** 1. Male 2. Female
- d. Age :** 1. 13-17 Years Old 2. 18-24 Years Old 3. 25-34 Years Old 4. 35-44 Years Old 5. 45-54 Years Old 6. 55-64 Years Old 7. 65-74 Years Old 8. > 74 Years Old
- Write characteristic in Alternatives Choices Column according to the question in Individual Characteristics Column

Individual Characteristics		Alternatives Choices								
b.	How many times have you been to Bali for the last 5 years?	1. One	2. Two	3. Three	4. Four	5. Five	6. Six	7. Seven	8. > Seven	
h.	Could you please mention the estimated income of your family? (Monthly in US \$)	1. Less than 2000	2. 2000 - 4000	3. 4000 - 6000	4. 6000 - 8000	5. More than 8000				
i.	What is your main purpose to visit Bali?	1. Holidays	2. Seminars/Meetings	3. Bussiness	4. Visiting relatives/friends	5. Others.....				

II. CHARACTERISTICS OF TOURISM TRIP

Could you fill in the answer choices based on the questions below about your tourism trip in Bali

No	Questions	Answer Choices										
a.	How many days will you intend to stay in Bali?	Days		1. One	2. Two	3. Three	4. Four	5. Five	6. Six	7. Seven	8.days	
		from - to		1. Monday	2. Tuesday	3. Wednesday	4. Thursday	5. Friday	6. Saturday	7. Sundayto.....	
b.	Where do you stay in Bali? (Can more than 1)	i. Type		1. Hotel 4*-5*	2. Hotel 2*-3*	3. Hotel non Star	4. Relatives House	5. Others.....				
	Mention each name & location of your accomodation	ii. Name&Location		1.	2.	3.						
	How many days do you stay at each accomodation?	iii. Days in each hotel										
c.	What is your main consideration in choosing your accomodation in Bali?	1. Famous location		2. Facilities		3. Distances		4. Cost		5. Travel agent choice		6. Others.....
d.	What is your most favorit tourist attraction in Bali?	1. Nature tourist attraction		2. Culture tourist attraction			3. Manmade tourist attraction					
e.	Where is your most favorit tourist attraction location in Bali?	1. Denpasar		2. Sanur	3. Kuta	4. Nusa Dua	5. Jimbaran/Pecatu	6. Kerobokan/Canggu	7. Tanah Lot			
f.	What is your main tourist activity during your visit in Bali ?	1. Marine		2. Nature		3. Ecotourism		4. Adventure		5. Cultural & Heritage		6. Shopping & Culinary
		7. City & rural tourism		8. MICE & Even		9. Sport		10. Others.....				
g.	Who decided for your tourist attraction visit?	1. Myself		2. Friends		3. Travel agent		4. Others.....				
h.	What is your main consideration in choosing tourist attraction ?	1. Distances		2. Travel Times		3. Cost		4. Activities/attraction		5. View/Scenary		6. Local Culture
		7. Others.....										
i.	Total Number of persons in your traveling group? (including yourself)	1. One	2. Two	3. Three	4. Four	5. Five	6. Six	7. Seven	8. > Seven			
j.	How many persons do you go to each tourist attractions in Bali ?	1. One	2. Two	3. Three	4. Four	5. Five	6. Six	7. > Six				
k.	How is your main local transportation arrangement (operator) while in Bali?	1. Travel agent		2. Rental		3. Public Transport		4. On line transport		5. Others.....		
l.	What is your main local transportation mode while in Bali ?	1. Bus		2. Car		3. Motor cycle		4. Bicycle		5. On Foot		6. Others.....
m.	What is your main consideration in choosing modes of local transportation	1. Distances		2. Travel Times		3. Cost		4. Comfort		5. Safety		6. Availability
		7. Others.....										
n.	Please give your impression to modes of transportation services during in Bali	1. Excellent		2. Very Good		3. Good		4. Fair		5. Bad		6. Very bad



KEY FORM

- 8. Show
- 9. Restaurant
- 10. Bar/Discotheque
- 11. Market/Mall
- 12. Others.....

- V. Location
- a. Denpasar
 - b. Sanur
 - c. Kuta
 - d. Nusa Dua
 - e. Jimbaran/Pecatu
 - f. Kerobokan
 - g. Tanah Lot
 - h. Kintamani
 - i. Lovina
 - j. Ubud
 - k. Candi Dasa
 - l. Others.....

- VI. Operator Used
1. Travel Agent
 2. Rental
 3. Public Transport
 4. On line Transport
- VII. Modes Used
1. Bus
 2. Car
 3. Motor Cycle

....." below (as you remember) based on your travel diary, by using choice of places, location and transportation modes in the box above

Monday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival
Tuesday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival
Wednesday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival
Thursday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival
Friday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival
Saturday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival
Sunday	Place & Location&..... Time of Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival/Departure	Place & Location&..... Time of Arrival