DR. MARDHIAH BINTI KAMARUDDIN (01605A)
PENSYARAH UNIVERSITI (TETAP)
FACULTY OF ENTREPRENEURSHIP AND BUSINESS
UNIVERSITI MALAYSIA KELANTAN KAMPUS KOTA
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Scopus ID: **57211619150**
Google Scholar: **b4Ntkq0AAAAJ**
WOS: **AAW-1761-2020**

A. PERSONAL DETAILS

UMK JOIN DATE	31-Jan-2017
DATE OF APPOINTMENT FOR CURRENT POSITION	19-Aug-2021
DATE OF CONFIRMATION FOR CURRENT POSITION	27-Mar-2024
EDUCATION(S)	• **(2022) UNIVERSITI SULTAN ZAINAL ABIDIN** IJAZAH DOKTOR FALSAFAH BIOSTATISTIK • **(2016) UNIVERSITI SAINS MALAYSIA** IJAZAH SARJANA SAINS STATISTIK PERUBATAN • **(2014) UNIVERSITI TEKNOLOGI MARA** IJAZAH SARJANA MUDA STATISTIK SAINS • **(2008) MAAHAD TAHFIZ SAINS** SPM
GROUP OF EXPERTISE	
AWARD(S)	• Award Name: **Anugerah Perkhidmatan Cemerlang (APC) Tahun 2023 (2024)** Awarded by: Universiti Malaysia Kelantan
WORKING EXPERIENCE(S)	
PROFESSIONAL MEMBERSHIP(S)	

B. TEACHING-LEARNING ACTIVITIES

COURSES TAUGHT	• ACS4112 - RESEARCH PROJECT (COMMERCE I) • AEB30103 - CORPORATE SERVICE RESPONSIBILITY • AEB30203 - INTRODUCTION TO SUSTAINABLE BUSINESS • AFT1013 - FOUNDATION OF ENTREPRENEURSHIP • AFT1103 - BUSINESS MATHEMATICS • AFT2103 - BUSINESS STATISTIC • AFT4012 - STUDENT IN ENTERPRISE PROGRAMME (SIEP) • ALS4112 - RESEARCH PROJECT (LOGISTICS I) • ALS4113 - RESEARCH PROJECT (LOGISTICS II) • APK20509 - PROTEGE@UMK • APT2013 - ENTREPRENEUR BEHAVIOR • APT4098 - PRACTICAL TRAINING • ARS4112 - RESEARCH PROJECT (RETAILING I) • ARS4113 - RESEARCH PROJECT (RETAILING II) • ATF10303 - ENTREPRENEURIAL BEHAVIOUR • ATF31103 - STUDENT ENTREPRENEURIAL EXPERIENCE (SEE) • ATF31303 - APPLICATIONS OF MATHEMATICS AND STATISTICS IN BUSINESS • CPSRMP2024 - RESEARCH METHODOLOGY FOR GRADUATE STUDIES

C. RESEARCH AND DEVELOPMENT

JOURNAL(S)	1. Othman Nursyahiyatul-Anis, Mardhiah Kamaruddin, Muhammad Radzi Abu Hassan, Huan-Keat Chan, Hazriah Hasan. (2026-03). Demographics, Disease Severity, and Per Patient Cost of melioidosis in East Coast and Northern Malaysia: A Hospital-based Retrospective Cohort Study from 2019 to 2023. Journal of Medicine (Bangladesh) , Vol. 27(1) , pp. 27 - 34. https://doi.org/10.3329/jom.v27i1.88275 2. Li, Yong Hong, Wan-Arfah, Nadiah, Mardhiah Kamaruddin, Naing, Nyi Nyi, Hassan, Muhammad Radzi Abu, Chan, Huan-Keat. (2024). Survival Time of Patients With Melioidosis; An Application of Kaplan¿Meier Survival Analysis. Malaysian Journal of Public Health Medicine , Vol. 24(2) , pp. 134 - 141. 3. Mat Zin Ain-Auzureen, Maizan Mohamed, Tan Li Peng, Mohd Faizal Ghazali, Choong Siew Shean, Mardhiah Kamaruddin, Najiah Musa, Nora Faten Afifah Mohama, Chai Min Hian, Ruhil Hayati Hamdan. (2024). Antibiotic Resistance and Virulence Genes of Vibrio alginolyticus from Asian Seabass in the East Coast of Peninsular Malaysia. Sarhad Journal of Agriculture , Vol. 40(Special Issue 1) , pp. 235 - 248. https://doi.org/https://dx.doi.org/10.17582/journal.sja/2024/40/s1.235.248 4. Mardhiah K., Wan-Arfah, N, Naing, NN, Hassan, M, Chan, HK. (2022). Comparison of Cox proportional hazards model, Cox proportional hazards with time-varying coefficients model, and lognormal accelerated failure time model: Application in time to event analysis of melioidosis patients. Asian Pacific Journal of Tropical Medicine , Vol. 15(3) , pp. 128 - 134. https://doi.org/10.4103/1995-7645.340568 5. Nasir, M. N. M., Khan, N.F.A.H., Rasdi, A.L.M., Rahim, M. A., Kamaruddin M.. (2022). The Parallel Mediators of Tourist Satisfaction and Place Attachment on Perceived Value and Destination Loyalty Relationship. Geojournal of Tourism and Geosites , Vol. 45(4SPL) , pp. 1618 - 1624. https://doi.org/10.30892/gtg.454spl11-982 6. Mardhiah K., Wan-Arfah, N, Naing, NN, Abu Hassan, MR, Chan, HK. (2021-08). Predictors of in-hospital mortality by logistic regression analysis among melioidosis patients in Northern Malaysia: A retrospective study. Asian Pacific Journal of Tropical Medicine , Vol. 14(8) , pp. 356-363. https://doi.org/10.4103/1995-7645.321612 7. Mardhiah K., Wan-Arfah N., Naing N.N., Hassan M.R.A., Chan H.-K.. (2021-06). The Cox model of predicting mortality among melioidosis patients in Northern Malaysia: A retrospective study. Medicine , Vol. 100 . https://doi.org/10.1097/MD.0000000000026160 8. Kamaruddin M., Hamid S.-A.A., Jummaat F., Adnan A.S., Norsa¿adah B.. (2021). The pattern of creatinine clearance in gestational and chronic hypertension women from the third trimester to 12 weeks postpartum. International Journal of Current Research and Review , Vol. 13 (8) , pp. 5 - 9. https://doi.org/10.31782/IJCRR.2021.13821 9. Mardhiah binti Kamaruddin, Wan-Arfah, Nadiah, Naing, Nyi Nyi, Abu Hassan, Muhammad Radzi, Chan, Huan-Keat, Hasan, Hazriah. (2021). The Trend of Direct Medical Cost of Meliodiosis Patients in Kedah: A Retrospective Study from 2014 to 2017. ClinicoEconomics and outcomes research : CEOR , Vol. 13 , pp. 155-162. https://doi.org/10.2147/CEOR.S286283 10. Kamaruddin M., Hamid, S.-A.A., Adnan, A.S., Naing, N.N., Wan Adnan, W.-N.-A.. (2019). Associated factors of dialysis-dependence among acute kidney injury patients in intensive care unit. Saudi journal of kidney diseases and transplantation : an official publication of the Saudi Center for Organ Transplantation, Saudi Arabia , Vol. 30 (5) , pp. 1131-1136. https://doi.org/10.4103/1319-2442.270269 11. Ashiah Rosdi, Amal Najihah Muhamad Nor, Muhammad Azahar Abas, Mardhiah Kamaruddin. (2026-08). NDVI-Based Assessment of Urban Green Space in Shah Alam and Kota Bharu, Malaysia. Malaysian Journal of Science and Advanced Technology (MJSAT) , Vol. 6(SI) , pp. 58-63. https://doi.org/10.56532/mjsat.v6iS1.805 12. Nik Noorhazila Nik Mud, Mardhiah Kamaruddin, Hazriah Hasan. (2025-12). An Empirical Analysis of Factors Influencing Customer Satisfaction Among Youth at Local Hipster Coffee Shops in Malaysia. Preprints , pp. 1-10. https://doi.org/doi:10.20944/preprints202512.2804.v1 13. Mardhiah Kamaruddin, Hazriah Hasan, Nik Noorhazila Nik Mud. (2025-12). Service-Learning in Sustainable Business Course Spurs Interactive and Transformative Learning. Preprints . https://doi.org/doi:10.20944/preprints202512.2691.v1 14. Kamaruddin Mardhiah, Nadiah Wan-Arfah, Nyi Nyi Naing, Muhammad Radzi Abu Hassan, Huan-Keat Chan. (2022). Review of Research on Mortality from Melioidosis in Malaysia. Preprints , pp. 1-10. https://doi.org/10.20944/preprints202212.0381.v1 15. Nik Noorhazila Nik Mud, Aimi Nadia Ibrahim @ Zakaria, Nur Ain Mahat, Mardhiah Kamaruddin. (2018-10). Consumer Awareness of Using Eco-friendly Packaging Product Among Generation X in Kota Bharu, Kelantan. International Journal of Academic Research in Business and Social Sciences , Vol. 8(9) , pp. 1463-1472. https://doi.org/10.6007/IJARBSS/v8-i9/4856 16. Mardhiah Kamaruddin, Raida Syahirah Ahmad Shukri, Nuur Arifah Azmi, Aimi Nadia Ibrahim @ Zakaria, Nik Noorhazila Nik Mud, Nur Ain Mahat. (2018-10). Factors that Influence Students¿ Perception towards Retailing as a Career. International Journal of Academic Research in Business and Social Sciences , Vol. 8(9) , pp. 1508 - 1516. https://doi.org/10.6007/IJARBSS/v8-i9/4860 17. Aimi Nadia Ibrahim @ Zakaria, Nur Ain Mahat, Mardhiah Kamaruddin, Nik Noorhazila Nik Mud, Rozaiyah Abdul Rahman. (2018-08). The Effectiveness of Promotion Strategy Influence Consumer Buying Behavior of Menara Optometry. International Journal of Academic Research in Business and Social Sciences , Vol. 8(8) , pp. 756-762. https://doi.org/10.6007/IJARBSS/v8-i8/4630
PROCEEDING(S)	1. Tobi Arfan, Mohd Rushdan Yasoa', Siti Afiqah Zainuddin, Mardhiah Kamaruddin. (2025-12). Mapping the Knowledge Landscape of Tuition Fee Research in Higher Education: A bibliometric review with insights for future. In International Social Science & Educational Conference 2025 Navigating Change: Rethinking Social Science and Education in the 21st Century , pp. 57-64. https://doi.org/10.21834/e-bpj.v10iSI37.7620 2. Mardhiah Kamaruddin, Mohd Noor Azam Nafi, Siti Nurhafizah Mohd Shafie, Muhammad Azri Saharudin, Muhammad Safwan Sobari, Rosdi Nor-Azlina, Othman Nursyahiyatul-Anis. (2025). Geographic Clusters and Epidemiological Patterns of Melioidosis in Northern Malaysia: A Retrospective Cohort Study From 2014¿2019. In BIO Web of Conferences . EDP Sciences. https://doi.org/10.1051/bioconf/202519503004 3. Kamaruddin Mardhiah, Hazriah Hasan, Nur A'mirah binti Mohd Yaziz, Aimi Nadia Ibrahim, Norfazlirda Hairani. (2025). Promoting circular economy through community-based waste collection in introduction to sustainable business Sulam Course. In SULAM Innovate Showcase and Symposium (SUISS 2025) , pp. 20-23. UMK Press. 4. Nik Noorhazila Nik Mud, Mardhiah Kamaruddin, Norfazlirda Hairani. (2023). The Mediation Effect of Consumer Behaviour on the Relationship Between COVID-19 and E-Business in Malaysia. In InCEBT: International Conference on Entrepreneurship, Business and Technology , pp. 185-198. Springer Singapore. https://doi.org/10.1007/978-981-99-2337-3_17

	5. Muhamad Nasyat Muhamad Nasir, Aikal Liyani Mohd Rasdi, Nur Farihin Abd Hadi Khan, Marlisa Abdul Rahim, Mardhiah Kamaruddin. (2023). Linking the Relationships Between Perceived Value and Destination Loyalty in Langkawi Island: Mediating Role of Place Attachment and Tourist Satisfaction. In InCEBT: International Conference on Entrepreneurship, Business and Technology , pp. 279¿286. Springer Singapore. https://doi.org/10.1007/978-981-99-2337-3_24 6. Norfazlirda Hairani, Mardhiah Kamaruddin, Nik Noorhazila Nik Mud, Sarina Ismail, Md Zaki Muhamad Hasan. (2023). Study on the Socio-Demographics of Online Food Delivery: Foodpanda Customers and Its Association with the Frequency and Spending Patterns. In InCEBT: International Conference on Entrepreneurship, Business and Technology , pp. 571¿580. Springer Singapore. https://doi.org/10.1007/978-981-99-2337-3_49
BOOK(S)	1. Mardhiah Kamaruddin, Nursalihah Ahmad-Raston. (2024). Parametric Statistical Analysis with SPSS: A Practical Guide for Thesis Writing. UMK Press. 2. Norfazlirda Hairani, Mardhiah Kamaruddin, Nadia Hanum Amiruddin, Raja Rosnah Raja Daud. (2023). Tech-Driven Entrepreneurship: Insights and Trends. Faculty of Entrepreneurship and Business, UMK. 3. Norfazlirda Hairani, Mardhiah Kamaruddin, Nadia Hanum Amiruddin, Raja Rosnah Raja Daud. (2023). Retail Revelations: Unveiling Consumer Behaviour. Faculty of Entrepreneurship and Business, UMK. 4. Afifah Hanim Md Pazil, Mardhiah Kamaruddin, Azlinda Shazneem Md Shuaib, Nor Asma Ahmad, Nor Hafiza Othman, Siti Nurzahira Che Tahrim, Zaminor Zamzamir @ Zamzamin, Nik Madeeha Nik Mohd Munir, Nurul Hasliana Hamsani, Yuhanis Mohamed Noor. (2023). Variasi Perdana Fakulti Keusahawanan dan Perniagaan Tahun 2022. Faculty of Entrepreneurship and Business. 5. Mohd Rafi Yaacob, Mardhiah binti Kamaruddin. (2019). SPSS Versi 22 untuk Sains Sosial dan Keusahawanan. Penerbit UMK.
CHAPTER(S)	1. Arfan, Tobi, Mohd Rushdan Yasoa', Siti Afiqah Zainuddin, Mardhiah Kamaruddin. (2025). A Bibliometric Analysis of Global Research Trends on Tuition Fees in Higher Education. In Studies in Systems, Decision and Control (pp. 651 - 660). Springer Science and Business Media Deutschland GmbH. https://doi.org/10.1007/978-3-031-96530-2_58 2. Mahadhir, Muhammad Ikmalul Iktimam, Hazriah Hasan, Mardhiah Kamaruddin. (2024). Study on Socio-demographic of Healthcare Waqf Donors: Waqf Contribution and Its Association with the Faith and Attitude Influence. In Contributions to Management Science (pp. 591 - 601). Springer Science and Business Media Deutschland GmbH. https://doi.org/10.1007/978-3-031-48770-5_47 3. Norfazlirda Hairani, Aimi Nadia Ibrahim @ Zakaria, Hazriah Hasan, Mardhiah Kamaruddin, Nik Noorhazila Nik Mud. (2021). Chapter 16: AUGMENTED REALITY APP CREATES EXCITEMENT IN THE RETAIL CLASS. In Eclecticnous Approach in Learning (pp. 105-110). UMK Press. 4. Oconitrillo L.R.R., Vargas J.J., Camacho A, Burgos A., Corchado J.M., Kamaruddin M., Wan-Arfah, N, Naing, NN, Abu Hassan, MR, Chan, HK, Hasan, H.. (2021). RYEL System: A Novel Method for Capturing and Represent Knowledge in a Legal Domain Using Explainable Artificial Intelligence (XAI) and Granular Computing (GrC). In Studies in Computational Intelligence (pp. 369 - 399). Springer Science and Business Media Deutschland GmbH. https://doi.org/10.1007/978-3-030-64949-4_12
OTHER(S)	1. Zuraimi Abdul Aziz, Burhan Che Daud, Nik Yusri Musa, Hazriah Hasan, Nik Syuhailah Nik Hussin, Suhaila Abdul Kadir, Nurhaiza Nordin, Nurnaddia Nordin, Norsyamlina Che Abdul Rahim, Ruzanifah Kosnin, Nordiana Ab Jabar, Suraya Sukri, Mardhiah Kamaruddin, Tan, Wai Hong, Wan Yusoff Wan Shaharuddin, Marwan Bin Ismail, Noor Hisham Md Nawi, Nik Ahmad Farhan Azim @ Nik Azim, Rosli, Mohd Hafiz, Husin, Fitriyah, Azahari, Nur Asyikah, Mohd Azalan, Mohd Faisal, Shah Rum, Faidzah, Rool Ismail, Mohd Kamal, Saluddin, Ahmad Saiful. (2026). Pelan Strategik Universiti Malaysia Kelantan 2026-2030 (UMK30). Penerbitan Korporat UMK. 2. Mardhiah Kamaruddin, Hazriah Hasan, Nur A'mirah binti Mohd Yaziz, Aimi Nadia Ibrahim @ Zakaria. (2025-06). Program Echos di Singapura; Memperkasa Pelajar Melalui Pengantarabangsaan dan Pengalaman Global. Fakulti Keusahawanan dan Perniagaan, UMK. 3. Mardhiah Kamaruddin, Hazriah Hasan, Nur A'mirah binti Mohd Yaziz, Aimi Nadia Ibrahim @ Zakaria. (2025-06). Pembelajaran dari Bilik Kuliah ke Komuniti Melalui Raising Awareness on Circular Economy (RACE) Module. Fakulti Keusahawanan dan Perniagaan, UMK. 4. Norfazlirda Hairani, Mardhiah Kamaruddin, Nadia Hanum Amiruddin, Raja Rosnah Raja Daud. (2023). A Collection of Student Poster, in the Multidisciplinary Research. Faculty of Entrepreneurship and Business, UMK. https://doi.org/978-629-7555-21-8 5. Mardhiah Kamaruddin. (2023). A Review of the Study Designs and Statistical Methods Used in the Determination of Predictors of Melioidosis Mortality in Malaysia: 2010¿ 2021. preprint.org. https://doi.org/10.20944/preprints202312.1592.v1 6. Nik Noorhazila Nik Mud, Norfazlirda Hairani, Aimi Nadia Ibrahim @ Zakaria, Mardhiah Kamaruddin, Hazriah Hasan. (2020). Factors Influencing Young Female Purchase Intention Towards Local Cosmetics Product in Malaysia. GLOBAL ACADEMIC EXCELLENCE (M) SDN BHD. https://doi.org/10.35631/IJMTSS.311001
	1. CLINICAL AND PARAMETERS TOWARDS PROGNOSIS OF MELIOIDOSIS PATIENTS; COMPARISON OF AFT AND COX MODEL | MEMBER | KERAJAAN | 2020 2. DEVELOPING A NEW EQUATION TO CALCULATE THE CREATININE CLEARANCE IN PREGNANCY BASED ON MALAYSIAN POPULATION | HEAD | FRGS | 2020 3. EFFECTIVENESS OF ENTREPRENEURSHIP EDUCATION IN DEVELOPING ENTREPRENEURIAL INTENTIONS AMONG MALAYSIAN PUBLIC HIGHER EDUCATION GRADUATES | MEMBER | SGJP | 2017 4. EXPLORING THE SPATIO-TEMPORAL DYNAMICS OF MELIOIDOSIS SPREAD AND ENVIRONMENTAL CORRELATES IN NORTHERN MALAYSIA | HEAD | FRGS | 2023 5. FRGS | MEMBER | MOF | 2020 6. FACTORS INFLUENCING RETAIL SERVICE QUALITY ON APPAREL STORE AT EAST COAST MAIN CITY | MEMBER | SGJP | 2017

RESEARCH(S)	7. KAJIAN KES BAGI PROGRAM LATIHAN KEUSAHAWANAN STRATEGIK ENTERPRAIS SOSIAL (KSES) | MEMBER | MOF | 2022 8. KESAN FAKTOR KUALITI PERKHIDMATAN (SERVICE QUALITY) TERHADAP KEPUASAN PELAJAR DI UNIVERSITI MALAYSIA KELANTAN (UMK) | MEMBER | SGJP | 2017 9. MALAY TRANSLATION AND VALIDATION OF ENTRPRENEURS' PERSONAL CHARACTERISTICS QUESTIONNAIRE IN SMALL MEDIUM ENTERPRISE FOR MALAYSIA POPULATION | HEAD | SGJP | 2017 10. MODELLING THE SOCIAL INCLUSIVITY WAQF-BASED HEALTHCARE SYSTEM VIA REVITALIZING THE MAQASID SHARIAH SUSTAINABILITY IN MALAYSIA | MEMBER | FRGS | 2020 11. MODELLING THE SOCIAL INCLUSIVITY WAQF-BASED HEALTHCARE SYSTEM VIA REVITALIZING THE MAQASID SHARIAH SUSTAINABILITY IN MALAYSIA | MEMBER | FRGS | 2021 12. THE PARALLEL MEDIATORS OF TOURIST SATISFACTION AND PLACE ATTACHMENT ON PERCEIVED VALUE AND DESTINATION LOYALTY RELATIONSHIP | MEMBER | UMK-FUND | 2021
SUPERVISION	• **ASSESSING A COMPREHENSIVE COST ANALYSIS ON MELIOIDOSIS IN NORTHERN MALAYSIA** | MAIN SUPERVISOR FOR A MASTER'S STUDENT • **EXPLORING THE SPATIAL LANDSCAPE STRUCTURE AND ENVIRONMENTAL FACTORS OF URBAN GREEN SPACE TOWARDS MENTAL HEALTH IN SHAH ALAM AND KOTA BHARU** | CO SUPERVISOR FOR A MASTER'S STUDENT • **Sustaining the Halal Compliance Among MSME in** | CO SUPERVISOR FOR A PHD'S STUDENT • **TUITION COST ANALYSIS AT PRIVATE PILOTSCHNIC INSTITUTION: A QUALATIVE CASE STUDY** | CO SUPERVISOR FOR A PHD'S STUDENT • **The Concept Of Syajarah Mubarakah: Bridging Zaytun (olea Europea) From Islamic Heritage With Scientific Perspective** | CO SUPERVISOR FOR A PHD'S STUDENT • **Waqf and Socio-Economic Impact in Malaysia** | CO SUPERVISOR FOR A PHD'S STUDENT
RESEARCH AWARD (S)	• Product Name: THE IMPACT OF RETAIL IT APPLICATION ON THE EFFECTIVENESS STORE OPERATION AMONG RETAILERS IN PENGKALAN CHEPA, KELANTAN Award: GOLD Role: Member Exhibition Name: 6TH MUTLIDISCIPLINARY RESEARCH ON THE ENTERPRENEURSHIP AND BUSINESS COLLOQUIUM • Product Name: FACTORS INFLUENCING THE CONSUMER¿S PERCEPTION OF RETAILTAINMENT AT AEON MALL KOTA BHARU AMONG THE PUBLIC IN KOTA BHARU, KELANTAN Award: SILVER Role: Member Exhibition Name: 6TH MUTLIDISCIPLINARY RESEARCH ON THE ENTERPRENEURSHIP AND BUSINESS COLLOQUIUM • Product Name: PBL with guided supports in learning statistics Award: SILVER Role: Head Exhibition Name: CRI2023 • Product Name: A STUDY ON PERCEIVED USEFULNESS AND PERCEIVED EASE OF USE AND INTENTIONS TO USE DUITNOW QR CODE AMONG STUDENTS OF UNIVERSITI MALAYSIA KELANTAN Award: SILVER Role: Member Exhibition Name: 6TH MUTLIDISCIPLINARY RESEARCH ON THE ENTERPRENEURSHIP AND BUSINESS COLLOQUIUM • Product Name: Monitoring advisee academic performance thru big data Award: BRONZE Role: Member Exhibition Name: CRI2023 • Product Name: MyPocket GFR Award: BRONZE Role: Head Exhibition Name: eCRI • Product Name: Augmented Reality Apps Award: BRONZE Role: Member Exhibition Name: TELIC • Product Name: Visual Merchandising: Put Reality in Check Award: NONE Role: Member Exhibition Name: Pertandingan Inovasi Pembelajaran 2022 • Product Name: Gamificonomics: A Gamification Tools in Learning Economics Award: NONE Role: Member Exhibition Name: Pertandingan Inovasi Pembelajaran 2022

D. CONSULTATION

CONSULTATION(S)	1. PAKAR RUJUK BAGI STATISTIK DAN DATA ANALISIS UNTUK PEYELIDIKAN PELAJAR PH.D | HEAD | 2021 2. BENGKEL ANALISIS DATA KUANTITATIF | HEAD | 2021

E. COMMUNITY SERVICES

COMMUNITY SERVICES	