

ANLY482 Supervisor MEETING MINUTES (4 Apr 2018)

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| Date: | 4 Apr 2018 |
| Time: | 13:30 – 14:30 |
| Venue: | SIS Meeting Room 4.1 |
| Attendees: | Team: Ruiyan, Nicholas Supervisor: Prof Kam |
| Agenda: | 1. Discuss point pattern analysis and area analysis 2. Discuss about the research paper |

| S/N | Things Discussed/Done | Remark |
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| 1 | Discuss point pattern analysis | <ul style="list-style-type: none"> Point pattern analysis is not suitable in the Philippines case. Central point of each city is fixed. Thus, the data cannot be used for testing the randomness of borrowing loans events happened in Philippines. |
| 2 | Research paper | <ul style="list-style-type: none"> The research paper should focus on discussing about how the 3 methods: Queen (contiguity based neighbors), KNN and inverse distance method differ the analysis results (LISA) in the complex geo-situation of Philippines. Run Queen method first -> get the average number of links -> use this number as the value of k in KNN -> compare the results of Queen and KNN. For example, Luzon central island and Palawan island is separate from each other. The transportation between the two areas is by flight but only 2/3 times per week. Whereas, Visayas Island contains many islands separated by the sea. But the transportation is well developed there and people travel by boat. Overall, inverse distance method is the best in the situation of Philippines. The only thing that inverse distance method does not |

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| | | consider is the time spent on traveling vs. the distance. |
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| Item Due (Team) / Actions |
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| Deadline: By the end of 7 Apr <ol style="list-style-type: none">1. Work out Queen, KNN and inverse distance method2. Finish Kernel Density Analysis |