**Manual Computation - Infrastructure**

*min supp is 0.07 → sa code*

[1] C1 and L1

*C1*

|  |  |  |
| --- | --- | --- |
| **Itemset** | **Support\_Count** | **Support Support\_Count / Total Projects** |
| ~~Flood Control and Disaster Risk~~ | ~~13~~ | ~~0.04467354 = 0.04~~ |
| Roads and bridges | 96 | 0.329896907 = **0.33** |
| ~~Power and Energy~~ | ~~5~~ | ~~0.017182131 = 0.02~~ |
| Water Resources | 54 | 0.18556701 = **0.19** |
| Railways | 39 | 0.134020619 = **0.13** |
| ~~Information and Communication Technologies~~ | ~~5~~ | ~~0.017182131 = 0.02~~ |
| ~~Healthcare~~ | ~~6~~ | ~~0.020618557 = 0.02~~ |
| ~~Agriculture~~ | ~~10~~ | ~~0.034364261 = 0.03~~ |
| Airports | 14 | 0.048109966 = **0.05** |
| ~~Active Mobility~~ | ~~5~~ | ~~0.017182131 = 0.02~~ |
| Mass Transit | 18 | 0.06185567 = **0.06** |
| ~~Seaports~~ | ~~5~~ | ~~0.017182131 = 0.02~~ |
| Others | 21 | 0.072164948 = **0.07** |
| ~~BARMM~~ | ~~5~~ | ~~0.017182131 = 0.02~~ |
| ~~CAR~~ | ~~2~~ | ~~0.006872852 = 0.01~~ |
| Luzon | 19 | 0.065292096 = **0.07** |
| Mindanao | 50 | 0.171821306 = **0.17** |
| National | 36 | 0.12371134 = **0.12** |
| NCR | 43 | 0.147766323 = **0.15** |
| ~~Region I~~ | ~~6~~ | ~~0.020618557 = 0.02~~ |
| ~~Region II~~ | ~~7~~ | ~~0.024054983 = 0.03~~ |
| Region III | 25 | 0.085910653 = **0.09** |
| Region IV-A | 16 | 0.054982818 = **0.05** |
| ~~Region IV-B~~ | ~~3~~ | ~~0.010309278 = 0.01~~ |
| ~~Region V~~ | ~~8~~ | ~~0.027491409 = 0.03~~ |
| Region VI | 14 | 0.048109966 = **0.05** |
| ~~Region VII~~ | ~~10~~ | ~~0.034364261 = 0.03~~ |
| ~~Region VIII~~ | ~~6~~ | ~~0.020618557 = 0.02~~ |
| ~~Region IX~~ | ~~7~~ | ~~0.024054983 = 0.02~~ |
| ~~Region X~~ | ~~11~~ | ~~0.037800687 = 0.04~~ |
| Region XI | 14 | 0.048109966 = **0.05** |
| ~~Region XII~~ | ~~1~~ | ~~0.003436426 = 0.003~~ |
| ~~Region XIII~~ | ~~3~~ | ~~0.010309278 = 0.01~~ |
| ~~N/A~~ | ~~5~~ | ~~0.017182131 = 0.02~~ |
| TBD | 113 | 0.388316151 = **0.39** |
| ~~2019~~ | ~~1~~ | ~~0.003436426 = 0.003~~ |
| ~~2020~~ | ~~2~~ | ~~0.006872852 = 0.01~~ |
| ~~2021~~ | ~~4~~ | ~~0.013745704 = 0.01~~ |
| ~~2022~~ | ~~8~~ | ~~0.027491409 = 0.03~~ |
| 2023 | 21 | 0.072164948 = **0.07** |
| 2024 | 73 | 0.250859107 = **0.25** |
| 2025 | 29 | 0.099656357 = **0.10** |
| ~~2026~~ | ~~8~~ | ~~0.027491409 = 0.03~~ |
| ~~2027~~ | ~~12~~ | ~~0.041237113 = 0.04~~ |
| ~~2028~~ | ~~3~~ | ~~0.010309278 0.01~~ |
| ~~2029~~ | ~~11~~ | ~~0.037800687 = 0.04~~ |
| ~~2030~~ | ~~3~~ | ~~0.010309278 = 0.01~~ |
| ~~2053~~ | ~~1~~ | ~~0.003436426 = 0.003~~ |
| ~~N/A~~ | ~~2~~ | ~~0.006872852 = 0.01~~ |

*L1*

|  |  |  |
| --- | --- | --- |
| **Itemset** | **Support\_Count** | **Support Support\_Count / Total Projects** |
| Roads and bridges | 96 | 0.329896907 = **0.33** |
| Water Resources | 54 | 0.18556701 = **0.19** |
| Railways | 39 | 0.134020619 = **0.13** |
| Airports | 14 | 0.048109966 = **0.05** |
| Mass Transit | 18 | 0.06185567 = **0.06** |
| Others | 21 | 0.072164948 = **0.07** |
| Luzon | 19 | 0.065292096 = **0.07** |
| Mindanao | 50 | 0.171821306 = **0.17** |
| National | 36 | 0.12371134 = **0.12** |
| NCR | 43 | 0.147766323 = **0.15** |
| Region III | 25 | 0.085910653 = **0.09** |
| Region IV-A | 16 | 0.054982818 = **0.05** |
| Region VI | 14 | 0.048109966 = **0.05** |
| Region XI | 14 | 0.048109966 = **0.05** |
| TBD | 113 | 0.388316151 = **0.39** |
| 2023 | 21 | 0.072164948 = **0.07** |
| 2024 | 73 | 0.250859107 = **0.25** |
| 2025 | 29 | 0.099656357 = **0.10** |

[2] C2 and L2