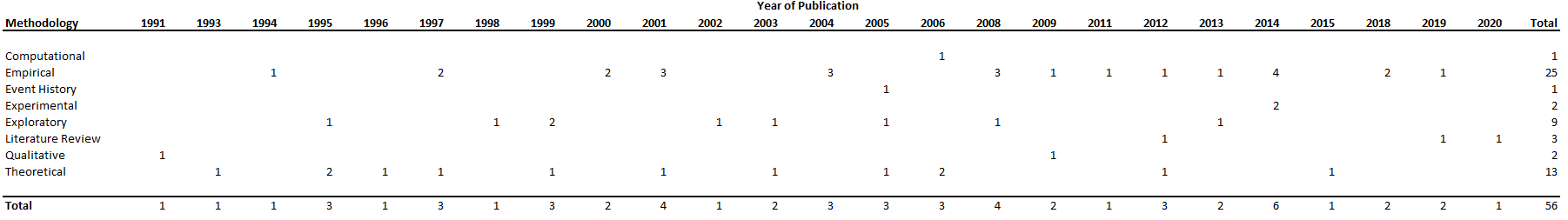
**Supplementary material for** Evolution of Competition in Telecom Oligopoly – a systematic analysis in post-privatization era, Saha. B., et. al.(2022) International Journal of Business and Economics

**Table 6. Themes**

|  |  |
| --- | --- |
| **Themes** | **Count** |
|  |  |
| **Consumer Behaviour** | **2** |
| Behavioural Biases | 1 |
| Consumer Decisions | 1 |
| **Internationalization** | **9** |
|  | 5 |
| Cross-border Expansion | 1 |
| Market Mimicry | 1 |
| Multimarket Contact | 2 |
| **Market Competition** | **31** |
| Collusion | 6 |
| Competition | 23 |
| Firm Dominance | 1 |
| Market Share | 1 |
| **Market Entry and Accommodation** | **12** |
| Capacity Constraint | 2 |
| Cross-ownership | 1 |
| Firm ownership | 1 |
| First/Early mover advantage | 3 |
| Incumbency | 1 |
| Investment | 1 |
| Market Entry | 2 |
| Organizational Structure | 1 |
| **Market Structure** | **9** |
| Cyclicity | 1 |
| Deregulation | 1 |
| Post-privatization | 1 |
| Regulation | 6 |
| **Nature of competition** | **7** |
| Cournot Competition | 1 |
| Differentiated Bertrand Competition | 1 |
| Price Competition | 3 |
| Price Coordination | 1 |
| Two part tariffs | 1 |
| **Spectrum Licensing** | **3** |
| Auctions | 2 |
| Mechanism Design | 1 |
| **Strategic Behaviour** | **16** |
| Business Strategy | 1 |
| Competitive Strategies | 1 |
| Consolidation | 1 |
| Mergers and Acquisitions | 1 |
| Pricing | 5 |
| R&D Investment | 1 |
| Service Quality | 1 |
| Strategic Competition and Alliance | 1 |
| Strategic Complementaries | 1 |
| Termination Charges | 3 |
| **Technology** | **10** |
|  | 5 |
| Coverage | 1 |
| Diffusion | 3 |
| MVNO Penetration | 1 |
|  |  |
|  |  |

**Table 7. Methodology vs. Year of publication**



**Table 8. Methodology Details**

|  |  |
| --- | --- |
| **Methodology** | **Count of Methodology** |
|  |  |
| **Computational** | **1** |
| Mathematical Modelling, Computational | 1 |
| **Empirical** | **32** |
| Factor Analysis | 2 |
| Mathematical Modelling | 1 |
| Multiple regression using ordinary least-squares | 1 |
| Non linear least squares | 1 |
| Panel Data Analysis | 6 |
| Probit Regression | 1 |
| Regression | 4 |
| Sarmanov Count Data Model | 1 |
| Simulation and Seemingly Unrelated Regression Equations (SURE) | 1 |
| Cross-sectionally heteroskedastic and time-wise autoregressive (CSHTWA) model | 1 |
| Logistic Regression | 3 |
| Cluster Analysis | 1 |
| Multi-variate Regression (Parametric and Non-parametric) | 1 |
| Dynamic (non-linear) Models | 1 |
| Static Models | 1 |
| Ordinary least squares (OLS) | 1 |
| Two stage least squares (2SLS) estimates | 1 |
| Structured Content Analysis | 1 |
| Fixed effects negative binomial regressions | 1 |
| Binomial analysis | 1 |
| Hypergeometric analysis | 1 |
| **Event History** | **1** |
| Semiparametric event history methodology (Cox Model) | 1 |
| **Experimental** | **2** |
| Panel Data Analysis | 1 |
| Experimental Setup of experimental and non-experimental groups | 1 |
| **Exploratory** | **12** |
| Theoretical, from Reports | 1 |
| Descriptive Statistics | 4 |
| Market Concentration Indices | 3 |
| Theoretical analysis from Reports | 4 |
| **Literature Review** | **3** |
| Conceptual | 3 |
| **Qualitative** | **2** |
| Case Study | 1 |
| Interviews | 1 |
| **Theoretical** | **13** |
| Mathematical Modelling | 11 |
| Computational Model | 1 |
| Concentration Indices | 1 |
|  |  |
|  |  |