**Table C1.** Delphi study results per each group of practitioners and per each round in terms of median, IQR, and stability per each challenge. Source: Created by author.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Challenge** | **Code** | **Early-stage Adopters** | | | | | | | | **Advanced-Stage Adopters** | | | | | | | |
| **Round 1** | | **Round 2** | | | **Round 3** | | | **Round 1** | | **Round 2** | | | **Round 3** | | |
| **median** | **IQR** | **median** | **IQR** | **ρ** | **median** | **IQR** | **ρ** | **median** | **IQR** | **median** | **IQR** | **ρ** | **median** | **IQR** | **ρ** |
| Lack of Supplier | C1 | 5 | 2 | 5 | 1 | 0.67 |  |  |  | 3 | 2 | 3 | 1 | 0.78 |  |  |  |
| High Investment Costs | C2 | 5 | 1 |  |  |  |  |  |  | 3 | 2 | 3 | 1 | 0.62 |  |  |  |
| High Operational Costs | C3 | 3 | 2 | 3 | 1 | 0.52 |  |  |  | 3 | 1 |  |  |  |  |  |  |
| IP Issues & Data Breaches | C4 | 4 | 2 | 4 | 2 | 0.72 | 4 | 1 | 0.76 | 5 | 2 | 5 | 1 | 0.71 |  |  |  |
| Workforce resistance | C5 | 4 | 2 | 4 | 2 | 0.53 | 4 | 1 | 0.71 | 2 | 1 |  |  |  |  |  |  |
| Standardization and Certification | C6 | 3 | 2 | 3 | 1 | 0.83 |  |  |  | 4 | 2 | 4 | 2 | 0.36 | 5 | 1 | 0.61 |
| Material Limitation | C7 | 4 | 1 |  |  |  |  |  |  | 4 | 2 | 4 | 2 | 0.44 | 4 | 1 | 0.85 |
| Lack of skilled personnel | C8 | 5 | 1 |  |  |  |  |  |  | 3 | 2 | 3 | 1 | 0.82 |  |  |  |
| Lack of managerial support | C9 | 4 | 2 | 4 | 1 | 0.89 |  |  |  | 2 | 1 |  |  |  |  |  |  |
| Production Limitation | C10 | 3 | 2 | 3 | 1 | 0.91 |  |  |  | 4 | 2 | 5 | 1 | 0.63 |  |  |  |
| Need for post-process operations | C11 | 3 | 1 |  |  |  |  |  |  | 5 | 1 |  |  |  |  |  |  |
| Low Quality | C12 | 4 | 2 | 3 | 2 | 0.64 | 3 | 1 | 0.83 | 4 | 2 | 4 | 1 | 0.89 |  |  |  |
| Lack of governmental support | C13 | 5 | 2 | 4 | 2 | 0.48 | 4 | 1 | 0.81 | 3 | 1 |  |  |  |  |  |  |
| Difficult ecosystem establishment | C14 | 5 | 1 |  |  |  |  |  |  | 5 | 2 | 5 | 1 | 0.68 |  |  |  |
| Lack of process repeatability | C15 | 2 | 1 |  |  |  |  |  |  | 5 | 2 | 5 | 1 | 0.57 |  |  |  |