**Interaction analysis for dynamic sustainability assessment of manufacturing systems**

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| **Study ID** | **indicators** | **methods** | **scale** | **practices** |
| 50 | Safety and health   * Reactive costs ( Creactive ) * Static costs ( Cstatic ) * Active costs ( Cactive )   Motivation potential score (MPS) which quantifies the motivation of a worker in performing the task   * skill variety, * task identity, * task significance, * autonomy, * feedback and wage of the job | Csafety = ∗C i \_ reactive + Cstatic + Cactive  Where: i is the analysed task (n tasks) that involves risk to worker wellness and IOR is the Incident occurrence risk (likelihood of incidence occurrence)  A questionnaire-based survey could be used to evaluate the magnitude of these five work characteristics based on the responses of workers to the questions on a 1–10 scale  (Hackman and Olham, 1980 ):  MPS = ((skill variety + task identify + task significance)/3)+autonomy + feedback + wageMPS  The wage metric is calculated using the following:  wageMPS = (wage - local average wage) cost of living index  Where Wage is the monthly income for the analyzed job and local average wage is the typical average monthly income for this position. The cost of living index is a relative indicator of consumer goods prices, including groceries, restaurants, transportation and utilities. This index is important to make the wage nationwide comparable and can be accessed on several websites |  | --- |