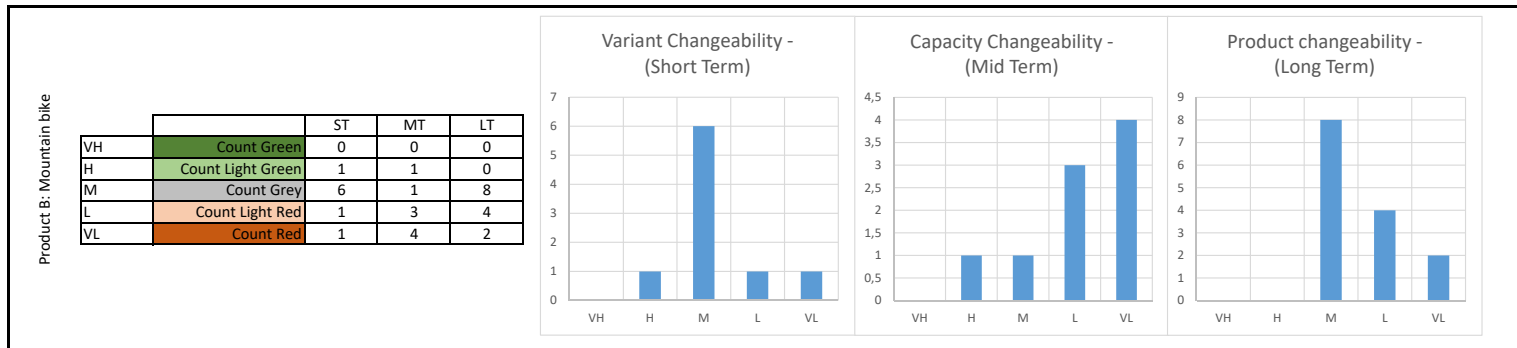
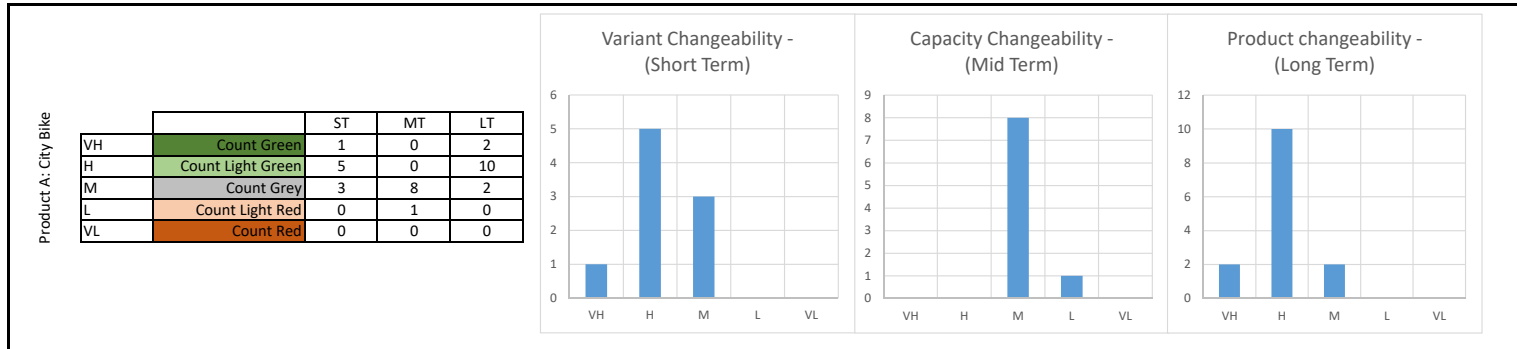


Changeability Requirements Screening Tool - Results

- **Variant change requirements (shorter-term):**
 - Might happen every time a lot/production order is changed
 - Daily/weekly changes in production mix, e.g. from one order to the next order
 - If high requirement, the system needs higher in-built flexibility i.e. changes will happen quickly and with no significant setup or structural change.

- **Capacity change requirements (mid/longer-term):**
 - Happens due to an increase or decrease of demand, e.g. when seasonality occur or demand increases over time.
 - If high requirement, system needs to be scalable in both logical and physical way e.g. not only adding shift, but also adding equipment, etc.

- **Product change requirements (longer-term):**
 - Introduction of a new product type or new generations of product types.
 - Usually have longer-term impact, long development time and more radical changes to the manufacturing setup.
 - If high requirement, the system needs high changeability, e.g. by either having very flexible or modular setup.



In this example, changeability requirements for the City Bike (product A) are very important, this is especially true for Variant and Product changeability. Conversely, capacity changeability requirements look stable.

With regard to the Mountain Bike (product B), changeability requirements do not appear important