Additional file 2. Predefined reasons to be asked if hypotheses posed by Control Theory are violated.

Hypothesis violation	Predefined reason
Negative self-assessment but no improvement intention	This indicator is not an important/relevant aspect of intensive care
	Actions will not improve our performance score on this indicator
	We lack the resources/time/knowledge to take action for this indicator
	Me or my colleagues cannot be motivated to take action for this indicator
	The benchmark (median/top 10%) is unrealistic/unfeasible (step 2 only)
	The measured performance score for our ICU is inaccurate (step 2 only)
Positive self-assessment and improvement intention	This indicator is an essential aspect of quality of intensive care
	It is easy to improve our performance score on this indicator
	Our performance is too low (step 2 only)