(a) **Hard & Soft Constraints**
Expected relationships among variables where outliers must (hard constraint) or may (soft constraint) indicate data inconsistencies.

Examples	SW_IN	PPFD_IN	NETRAD
SW_IN vs PPFD_IN	hard	hard	n.a.
NETRAD vs SW_IN	soft	n.a.	soft
NETRAD vs PPFD_IN	n.a.	soft	soft
NETRAD vs LE+H	n.a.	n.a.	soft
Machine learning	soft	soft	soft

(b) Defining constraints → Outlier scores → Inconsistency score → Flag ← Inconsistency strictness

Outlier scores → Hard constraints → Flag