



Figure S1. The average daily milk per DIM of 21,844 cows in 77 dairy cattle farms in Israel for lactation group 1 (Lac 1), lactation group 2 (Lac 2), lactation group >2 (Lac > 2). Three stages for each lactation group: Lac 1: 1. $0 \leq \text{DIM} \leq 91$ 2. $92 \leq \text{DIM} \leq 484$ 3. $\text{DIM} \geq 485$
Lac 2: 1. $0 \leq \text{DIM} \leq 41$ 2. $42 \leq \text{DIM} \leq 458$ 3. $\text{DIM} \geq 459$
Lac >2: 1. $0 \leq \text{DIM} \leq 50$ 2. $51 \leq \text{DIM} \leq 399$ 3. $\text{DIM} \geq 400$.