Decision Variables

$$
\begin{aligned}
x_1 &= \text{Team Size}, & 3 \le x_1 \le 9,\\
x_2 &= \text{Sprint Length (days)}, & 7 \le x_2 \le 30,\\
x_3 &= \text{Project Budget (EUR)}, & 0 \le x_3 \le 1\,000\,000,\\
x_4 &= \text{Story Points per Sprint}, & 10 \le x_4 \le 50,\\
x_5 &= \text{Testing Hours per Feature}, & 1 \le x_5 \le 40,\\
x_6 &= \text{Releases per Year}, & 1 \le x_6 \le 12,\\
x_7 &= \text{Sprints per Release}, & 1 \le x_7 \le 12,\\
x_8 &= \text{Features per Release}, & 1 \le x_8 \le 20,\\
x_9 &= \text{Tasks per Sprint}, & 5 \le x_9 \le 100,\\
x_{10} &= \text{Scrum Master Hours per Sprint}, & 0 \le x_{10} \le 40,\\
x_{11} &= \text{Retrospective Duration (min)}, & 30 \le x_{11} \le 180.
\end{aligned}
$$

Auxiliary Metrics

$$
\begin{aligned}
v_1 &= \text{Velocity (story points/sprint)},\\
v_2 &= \text{Defect Rate (bugs/sprint)},\\
v_3 &= \text{Customer Satisfaction (score)},\\
v_4 &= \text{Budget Variance (\%)},\\
v_5 &= \text{On-time Delivery (\%)},\\
v_6 &= \text{Cycle Time (days)},\\
v_7 &= \text{Code Coverage (\%)},\\
v_8 &= \text{Technical Debt (count)},\\
v_9 &= \text{Feature Throughput (features/quarter)},\\
v_{10} &= \text{Team Satisfaction (score)},\\
v_{11} &= \text{Scope Changes (count/sprint)}.
\end{aligned}
$$

Objective (Multi-objective)

$$\max \big(v_1,\, -v_2,\, v_3,\, -v_4,\, v_5,\, -v_6,\, v_7,\, -v_8,\, v_9,\, v_{10},\, -v_{11}\big).$$

Constraints

C1: $x_1 \leq 9$,
C2: $a_{\text{dev}} \geq 0.8$,
C3: $s_{\text{level}} \geq 3$,
C4: $x_2 \leq 14$,
C5: $t_{\text{planning}} \leq 120$,
C6: $t_{\text{daily}} \leq 15$,
C7: $n_{\text{retro}} \leq 5$,
C8: $t_{\text{defect}} \leq 2$,
C9: $v_7 \geq 80$,
C10: $x_4 \geq 20$,
C11: $v_{11} \leq 20$.