Best model: \( C_s \sim I_m + \bar{SC} + SC: I_m \)

\[
R^2 = 0.81; \quad \text{Adj } R^2 = 0.79; \quad F_{7, 57} = 48.24; \quad p < 0.001
\]

(N)RMSE = 0.35 (8%)

**Model predictions for:**
- Observed \( I_m \) range (0–6 mm h\(^{-1}\))
  - Slope 1 (\( SC = 0.47 \))
  - Slope 2 (\( SC = 0.17 \))
  - Slope 3 (\( SC = 0.02 \))
- 95% conf interval

\( \eta^2 = 16.1\% \)

\( \bar{SC}: \eta^2 = 38.0\% \)

\( SC: I_m : \eta^2 = 26.8\% \)

Model predictions for:
- Observed \( I_m \) range (0–6 mm h\(^{-1}\))
  - Slope 1 (\( SC = 0.47 \))
  - Slope 2 (\( SC = 0.17 \))
  - Slope 3 (\( SC = 0.02 \))
- 95% conf interval