A modular analysis of the auxin signalling network

Supplementary Figures: Alternative Models of Auxin Induced IAA Degradation

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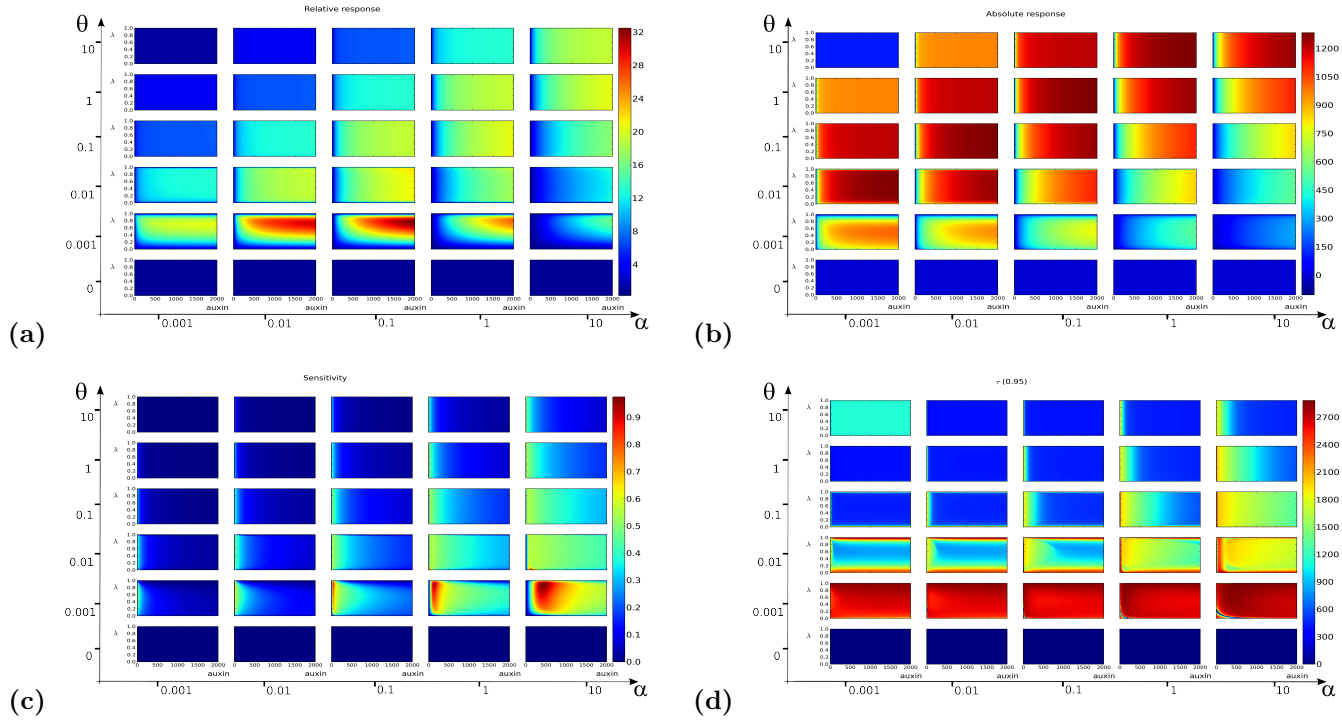

Figure 1. Model (M1). Output landscapes as functions of auxin level x (abscissae) and balance between the two core mechanisms, parametrized by λ (ordinates). (a) Relative response $\rho_{rel}(x, \lambda)$. **(b)** Absolute response $\rho_{abs}(x, \lambda)$. **(c)** Sensitivity $\sigma(x, \lambda)$. **(d)** Response time $\tau(x, \lambda)$. For each landscape (x, λ) span a 200×200 regular grid on the rectangle $[0, 2000] \times [0, 1]$.

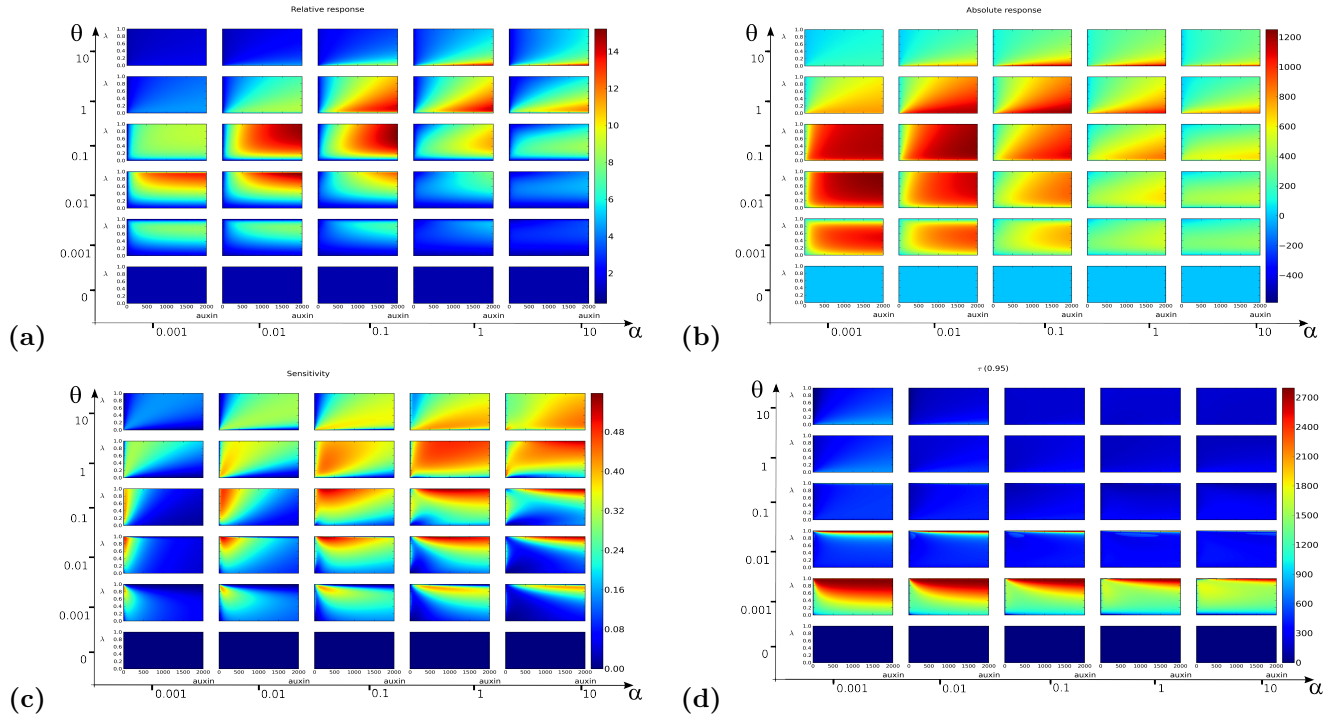

Figure 2. Model (M2). Output landscapes as functions of auxin level x (abscissae) and balance between the two core mechanisms, parametrized by λ (ordinates). **(a)** Relative response $\rho_{rel}(x, \lambda)$. **(b)** Absolute response $\rho_{abs}(x, \lambda)$. **(c)** Sensitivity $\sigma(x, \lambda)$. **(d)** Response time $\tau(x, \lambda)$. For each landscape (x, λ) span a 200×200 regular grid on the rectangle $[0, 2000] \times [0, 1]$.