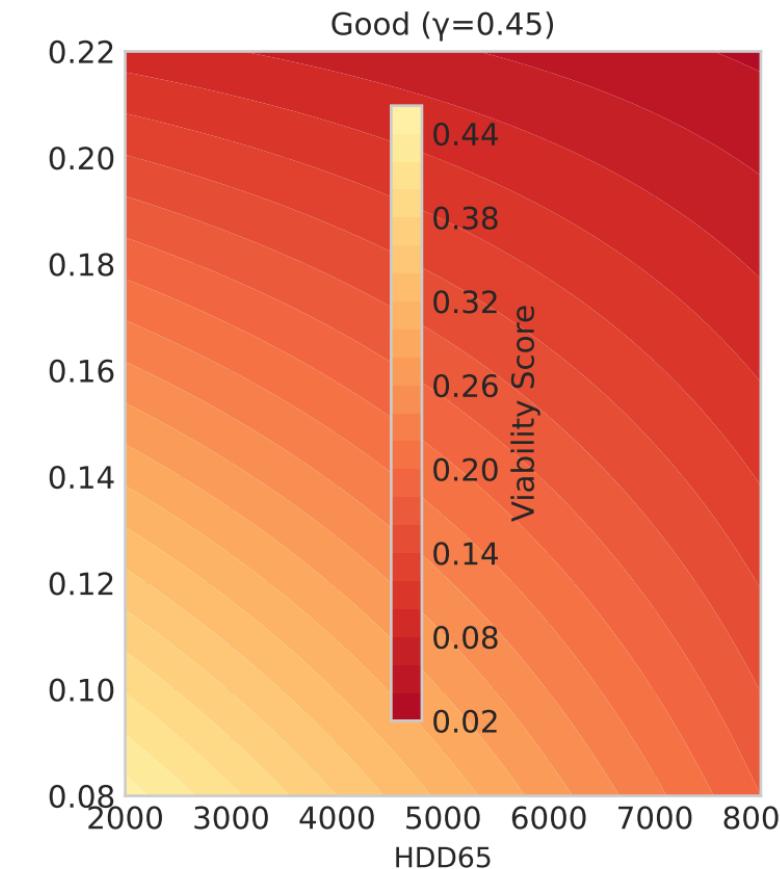
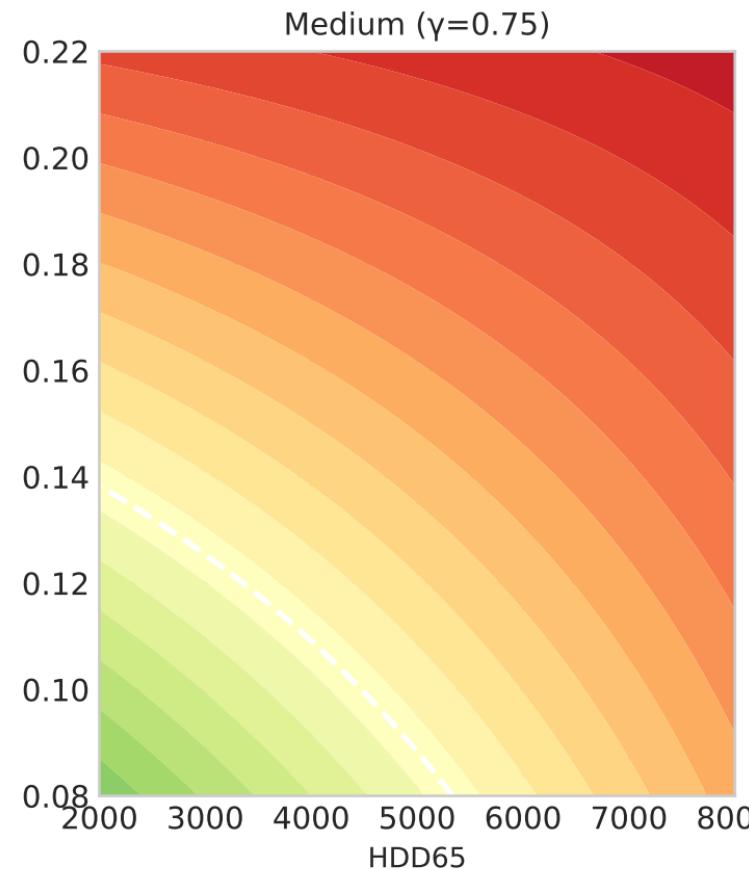
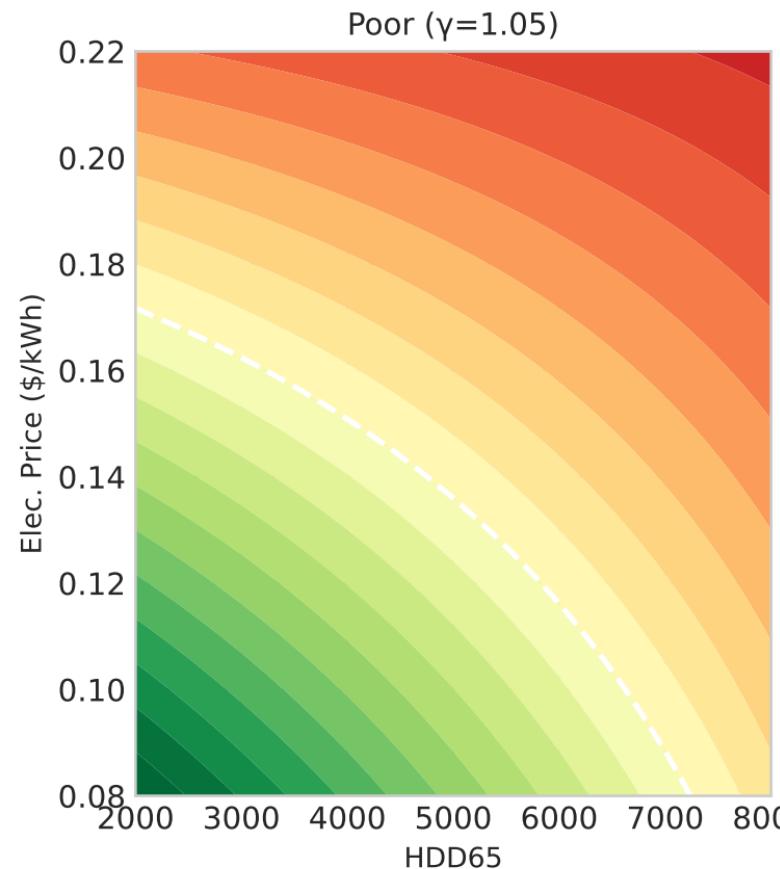


Figure 9: HP Viability by Climate, Price, and Envelope



HP Viability Score (V):
$$V = (1 - \alpha \cdot \text{HDD}^*) \times (1 - \beta \cdot P^*) \times \gamma$$

Where:

- $\text{HDD}^* = (\text{HDD} - 2000)/6000$
- $P^* = (\text{price} - 0.08)/0.14$
- $\alpha = 0.6, \beta = 0.8$
- γ = envelope factor

$V > 0.5 \rightarrow$ Viable (green)
 $V < 0.5 \rightarrow$ Low (red)