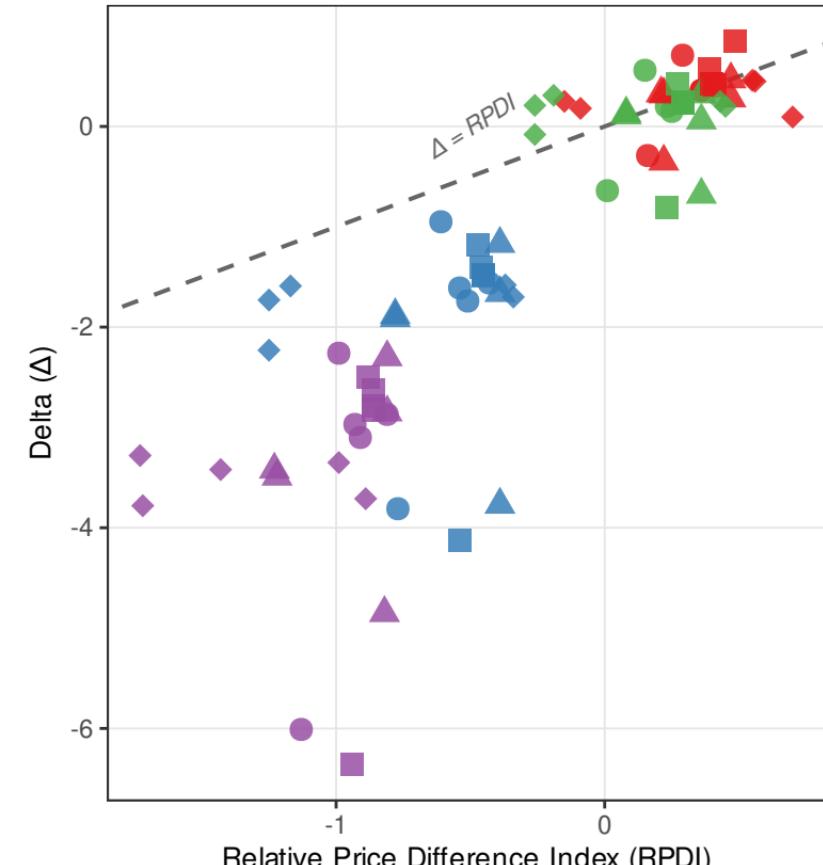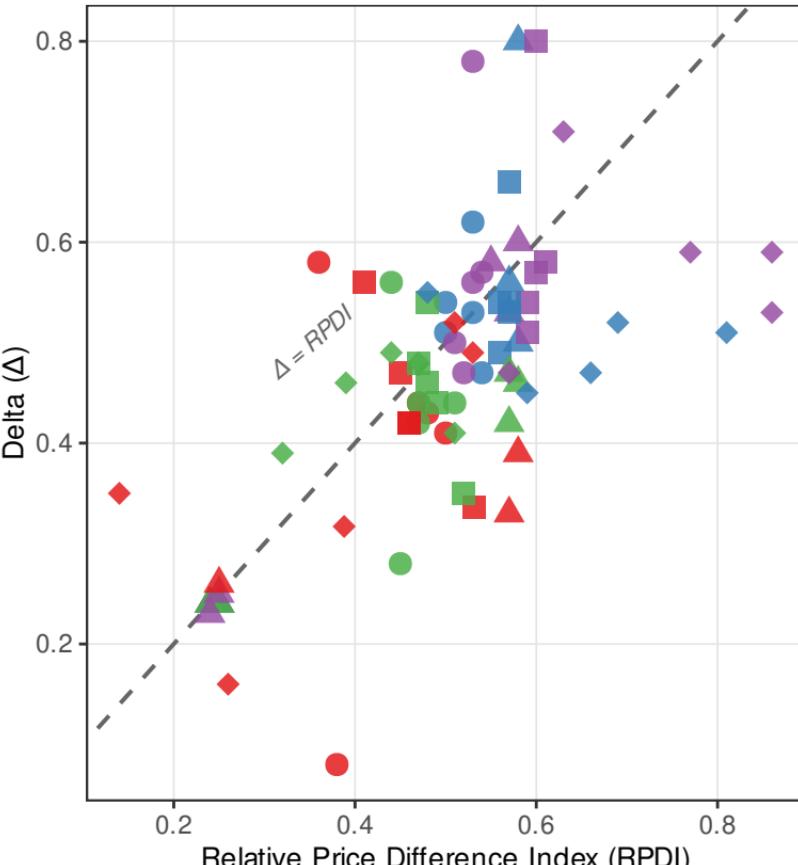# Relationship between Profit Extraction (Delta) and Price Elevation (RPDI)

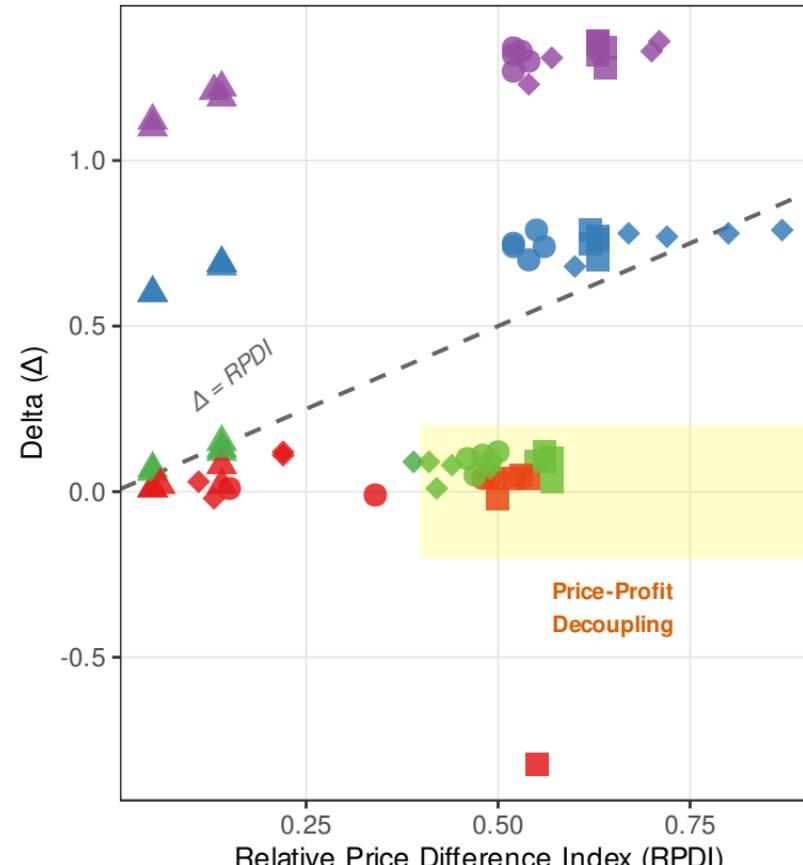**LOGIT Model**

HOTELLING Model

LINEAR Model

$\Delta = RPDI$

Price-Profit Decoupling

Relative Price Difference Index (RPDI)

Delta (Δ)

Algorithm

◆ DDPG
■ DQN
▲ PSO
● Q-learning

Shock Condition

● No Shock
● Shock A
● Shock B
● Shock C