1\$ if

$T_{t^*} \geq 4$ $P_t^{TSI} = 0.1$
$P_t^{CO2} = 0.2$

$T_{t^*} \in [3,4)$ $P_t^{TSI} = 0.2$
$P_t^{CO2} = 0.1$

$T_{t^*} \in [2,3)$ $P_t^{TSI} = 0.1$
$P_t^{CO2} = 0.1$

$T_{t^*} \in [1,2)$ $P_t^{TSI} = 0.3$
$P_t^{CO2} = 0.4$

$T_{t^*} \in [0,1)$ $P_t^{TSI} = 0.2$
$P_t^{CO2} = 0.1$

$T_{t^*} < 0$ $P_t^{TSI} = 0.2$
$P_t^{CO2} = 0.1$
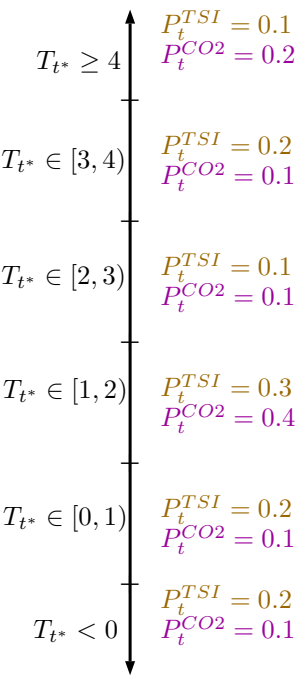
Order Book

Sell Orders

Sell $\{T_{t^*} \in [3,4)\}$ above 0.3
Sell $\{T_{t^*} \in [3,4)\}$ above 0.25
Sell $\{T_{t^*} \geq 4\}$ above 0.2

Buy Orders

Buy $\{T_{t^*} \in [3,4)\}$ below 0.15
Buy $\{T_{t^*} \in [0,1)\}$ below 0.1
Buy $\{T_{t^*} < 0\}$ below 0.05