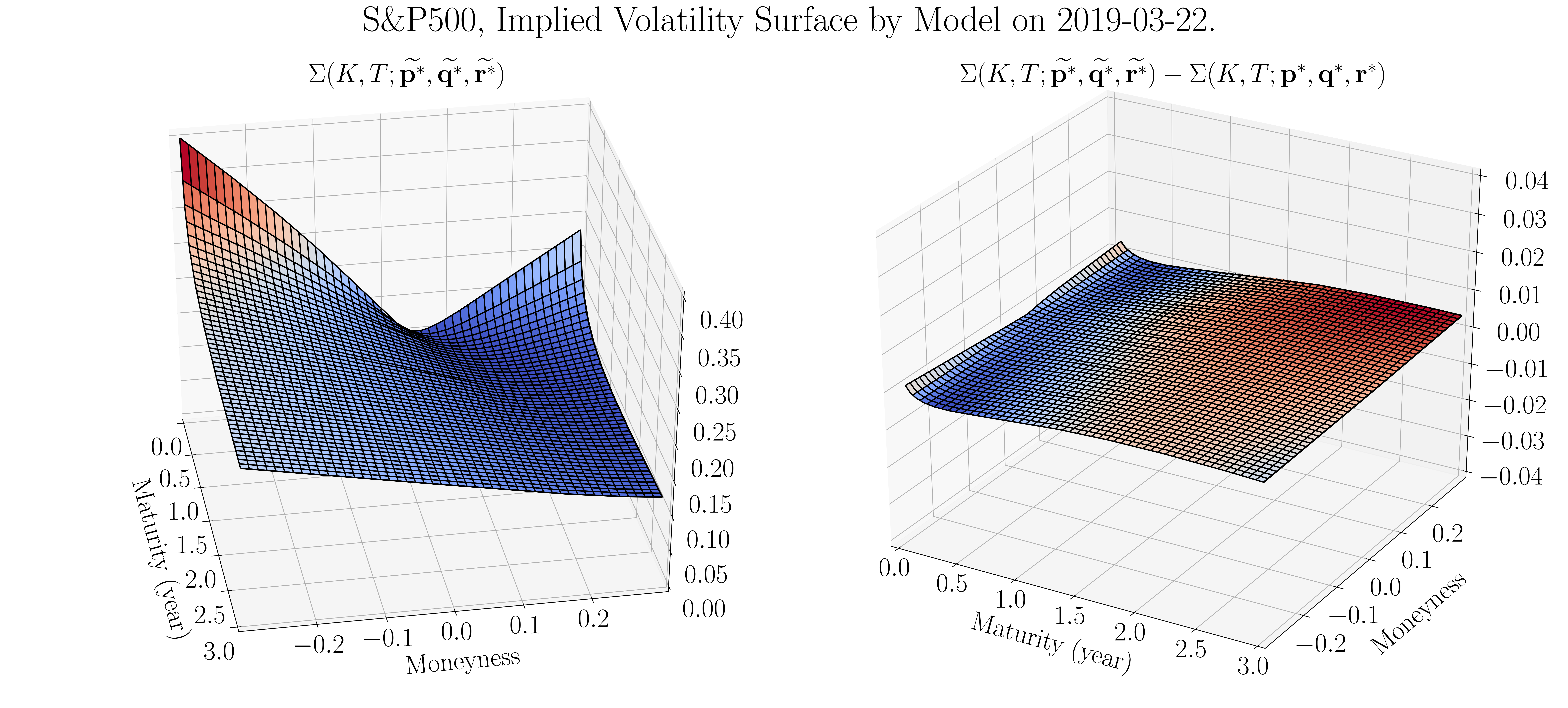
S&P500, Implied Volatility Surface by Model on 2019-03-22.
$\Sigma(K,T;\widetilde{\mathbf{p}^*},\widetilde{\mathbf{q}^*},\widetilde{\mathbf{r}^*})$
Maturity (year)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Moneyness
−0.2
−0.1
0.0
0.1
0.2
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
$\Sigma(K,T;\widetilde{\mathbf{p}^*},\widetilde{\mathbf{q}^*},\widetilde{\mathbf{r}^*}) - \Sigma(K,T;\mathbf{p}^*,\mathbf{q}^*,\mathbf{r}^*)$
Maturity (year)
Moneyness
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04