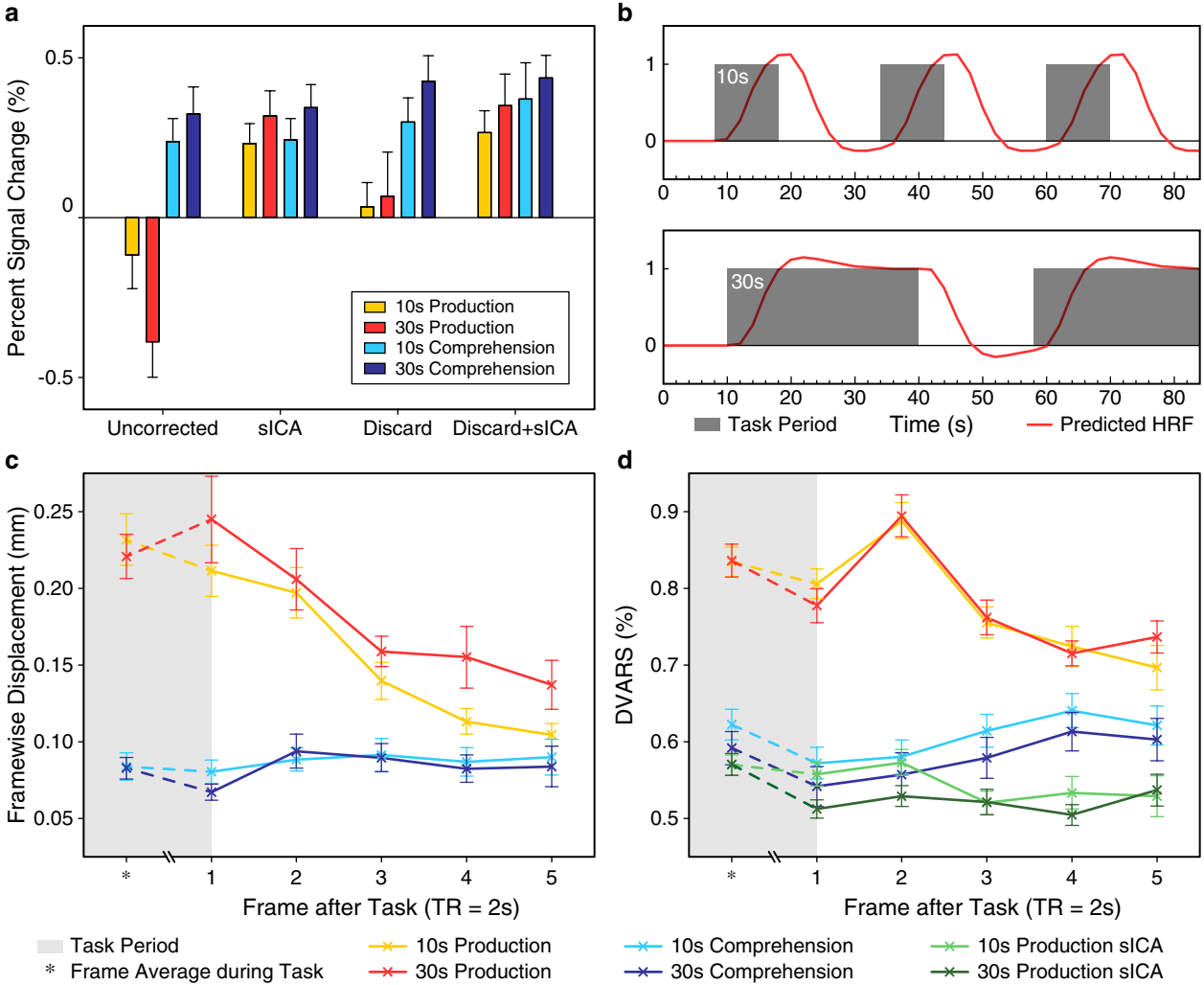
a
Percent Signal Change (%)
0.5
0
-0.5
10s Production
30s Production
10s Comprehension
30s Comprehension
Uncorrected
sICA
Discard
Discard+sICA
b
10s
30s
1
0
0
10
20
30
40
50
60
70
80
Task Period
Time (s)
Predicted HRF
c
Framewise Displacement (mm)
0.25
0.20
0.15
0.10
0.05
*
1
2
3
4
5
Frame after Task (TR = 2s)
Task Period
* Frame Average during Task
10s Production
30s Production
d
DVARS (%)
0.9
0.8
0.7
0.6
0.5
*
1
2
3
4
5
Frame after Task (TR = 2s)
10s Comprehension
30s Comprehension
10s Production sICA
30s Production sICA