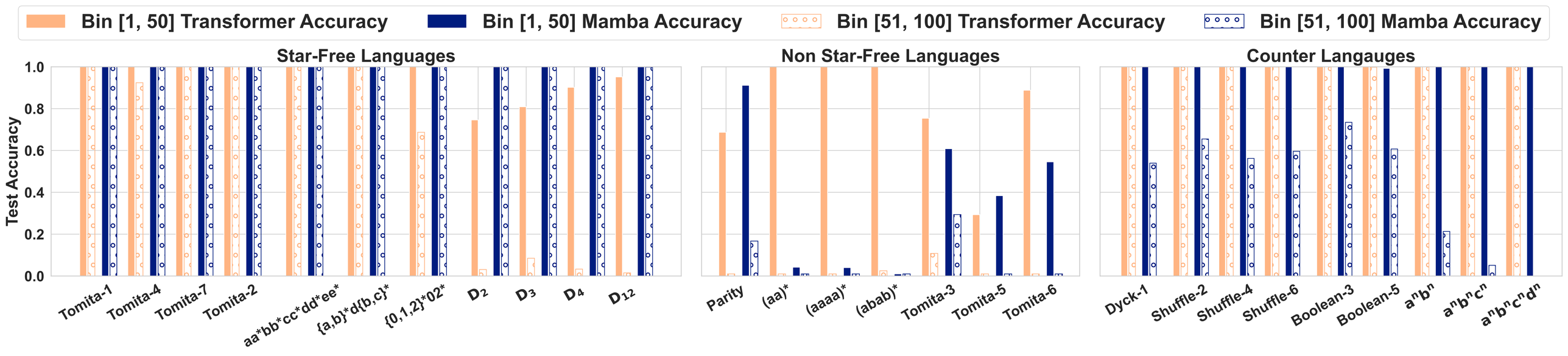
Bin [1, 50] Transformer Accuracy
Bin [1, 50] Mamba Accuracy
Bin [51, 100] Transformer Accuracy
Bin [51, 100] Mamba Accuracy
Star-Free Languages
Non Star-Free Languages
Counter Langauges
Test Accuracy
1.0
0.8
0.6
0.4
0.2
0.0
Tomita-1
Tomita-4
Tomita-7
Tomita-2
aa*bb*cc*dd*ee*
{a,b}*d{b,c}*
{0,1,2}*02*
D2
D3
D4
D12
Parity
(aa)*
(aaaa)*
(abab)*
Tomita-3
Tomita-5
Tomita-6
Dyck-1
Shuffle-2
Shuffle-4
Shuffle-6
Boolean-3
Boolean-5
anbn
anbncn
anbncndn