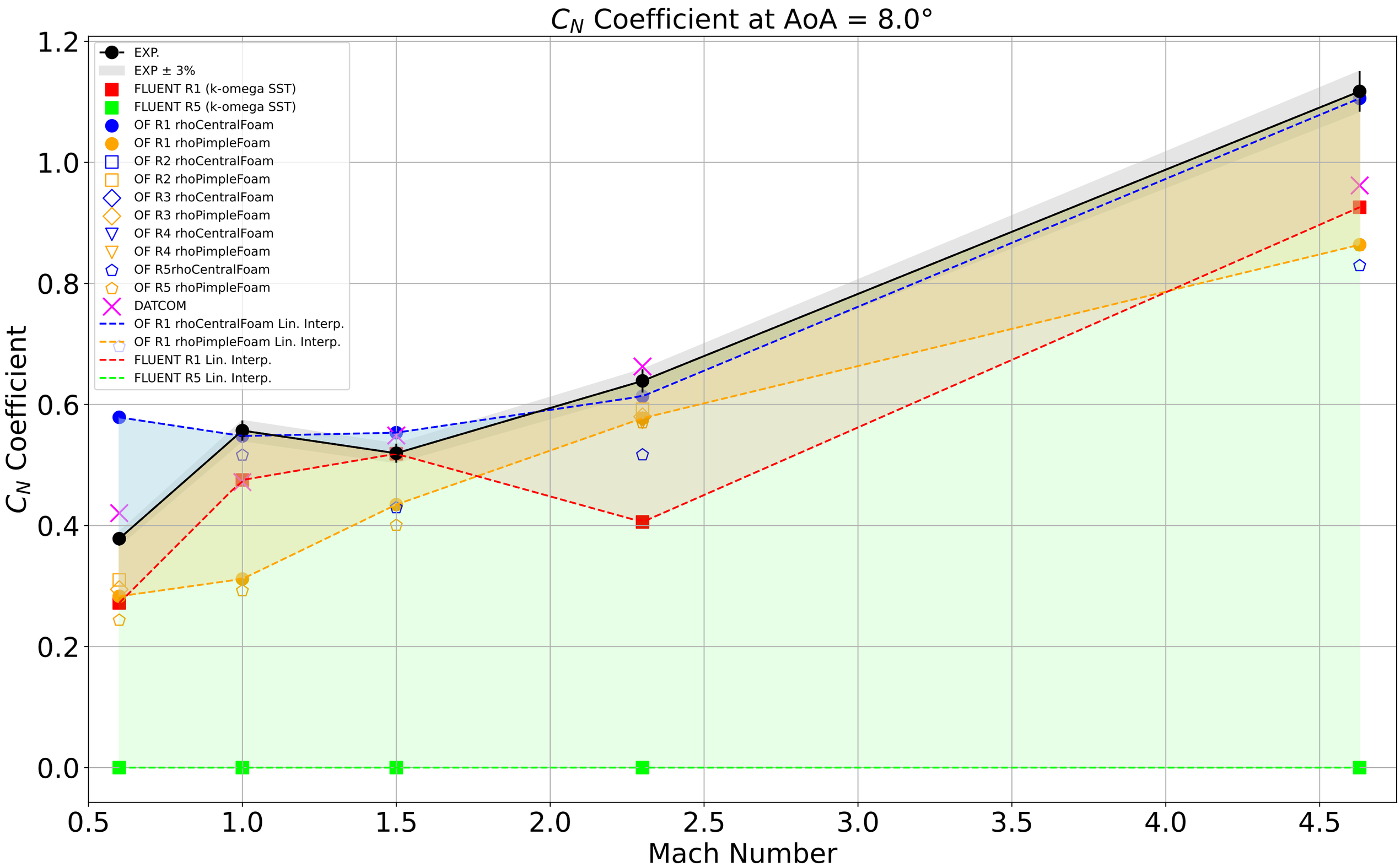
C_N Coefficient at AoA = 8.0°
EXP.
EXP ± 3%
FLUENT R1 (k-omega SST)
FLUENT R5 (k-omega SST)
OF R1 rhoCentralFoam
OF R1 rhoPimpleFoam
OF R2 rhoCentralFoam
OF R2 rhoPimpleFoam
OF R3 rhoCentralFoam
OF R3 rhoPimpleFoam
OF R4 rhoCentralFoam
OF R4 rhoPimpleFoam
OF R5rhoCentralFoam
OF R5 rhoPimpleFoam
DATCOM
OF R1 rhoCentralFoam Lin. Interp.
OF R1 rhoPimpleFoam Lin. Interp.
FLUENT R1 Lin. Interp.
FLUENT R5 Lin. Interp.
C_N Coefficient
Mach Number
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5