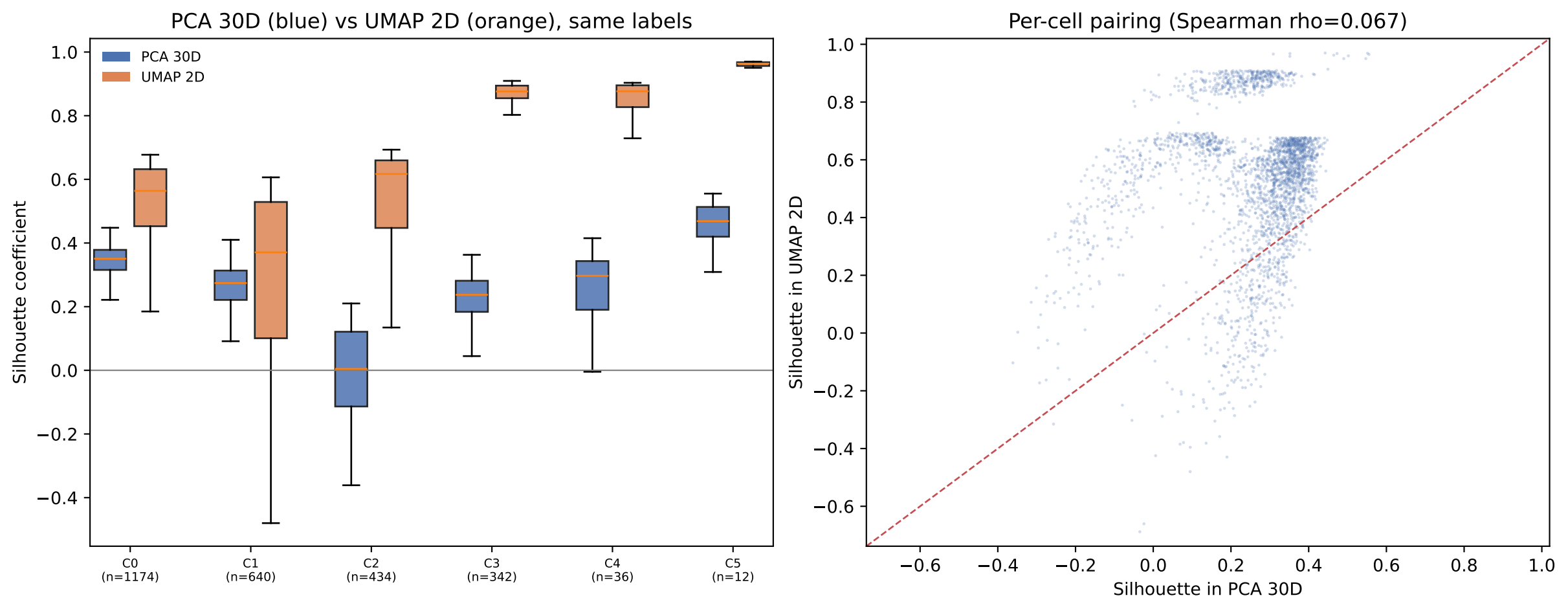
PCA 30D (blue) vs UMAP 2D (orange), same labels
PCA 30D
UMAP 2D
Silhouette coefficient
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
C0
(n=1174)
C1
(n=640)
C2
(n=434)
C3
(n=342)
C4
(n=36)
C5
(n=12)
Per-cell pairing (Spearman rho=0.067)
Silhouette in UMAP 2D
Silhouette in PCA 30D
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
1.0