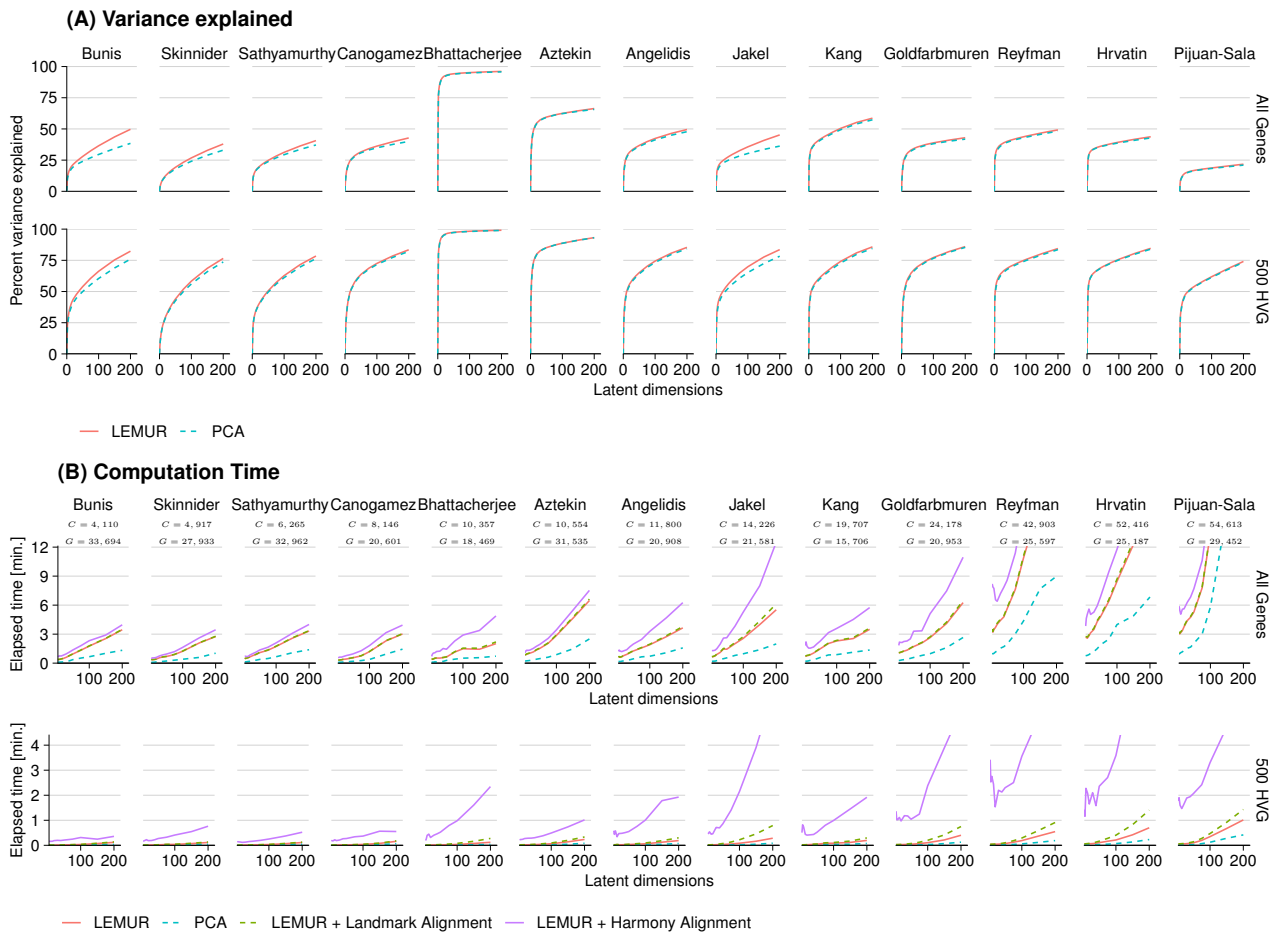
(A) Variance explained
Bunis
Skinnider
Sathyamurthy
Canogamez
Bhattacherjee
Aztekin
Angelidis
Jakel
Kang
Goldfarbmuren
Reyfman
Hrvatin
Pijuan-Sala
All Genes
500 HVG
Percent variance explained
Latent dimensions
LEMUR
PCA
(B) Computation Time
C = 4, 110
G = 33, 694
C = 4, 917
G = 27, 933
C = 6, 265
G = 32, 962
C = 8, 146
G = 20, 601
C = 10, 357
G = 18, 469
C = 10, 554
G = 31, 535
C = 11, 800
G = 20, 908
C = 14, 226
G = 21, 581
C = 19, 707
G = 15, 706
C = 24, 178
G = 20, 953
C = 42, 903
G = 25, 597
C = 52, 416
G = 25, 187
C = 54, 613
G = 29, 452
Elapsed time [min.]
LEMUR
PCA
LEMUR + Landmark Alignment
LEMUR + Harmony Alignment