FIGURE S5: Data down-sampling and re-parameterization of sMLE inference, related to Figure 5. Down-sampling of samples 1 and 2 at various read-depths (A-C and D-F, respectively). A and D correspond to all-inclusive data-sets (20273379 retained reads for sample 1, 16248577 retained reads for sample 2). B and E correspond to 12800000 sub-sampled reads and C and F correspond to 6400000 sub-sampled reads. sMLE-initialization to $\mathbf{I}_{2\times 2}\sqrt{n_{..}}$ for samples 1 (G) and 2 (I), instead of initialization to just the identity matrix $\mathbf{I}_{2\times 2}$, the conditions used in panels A and F. sMLE inference stopped at 50 (instead of 100) eigenvectors for samples 1 (H) and 2 (J).