



- Angular difference between anchored and free-fit pca  $\leq 10^\circ$
- MAD of free-fit line  $\leq 10^\circ$

Accept free-fit PCA

- Angular difference between anchored and free-fit pca  $> 10^\circ$
- MAD of free-fit line  $> 10^\circ$

Reject free-fit PCA



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