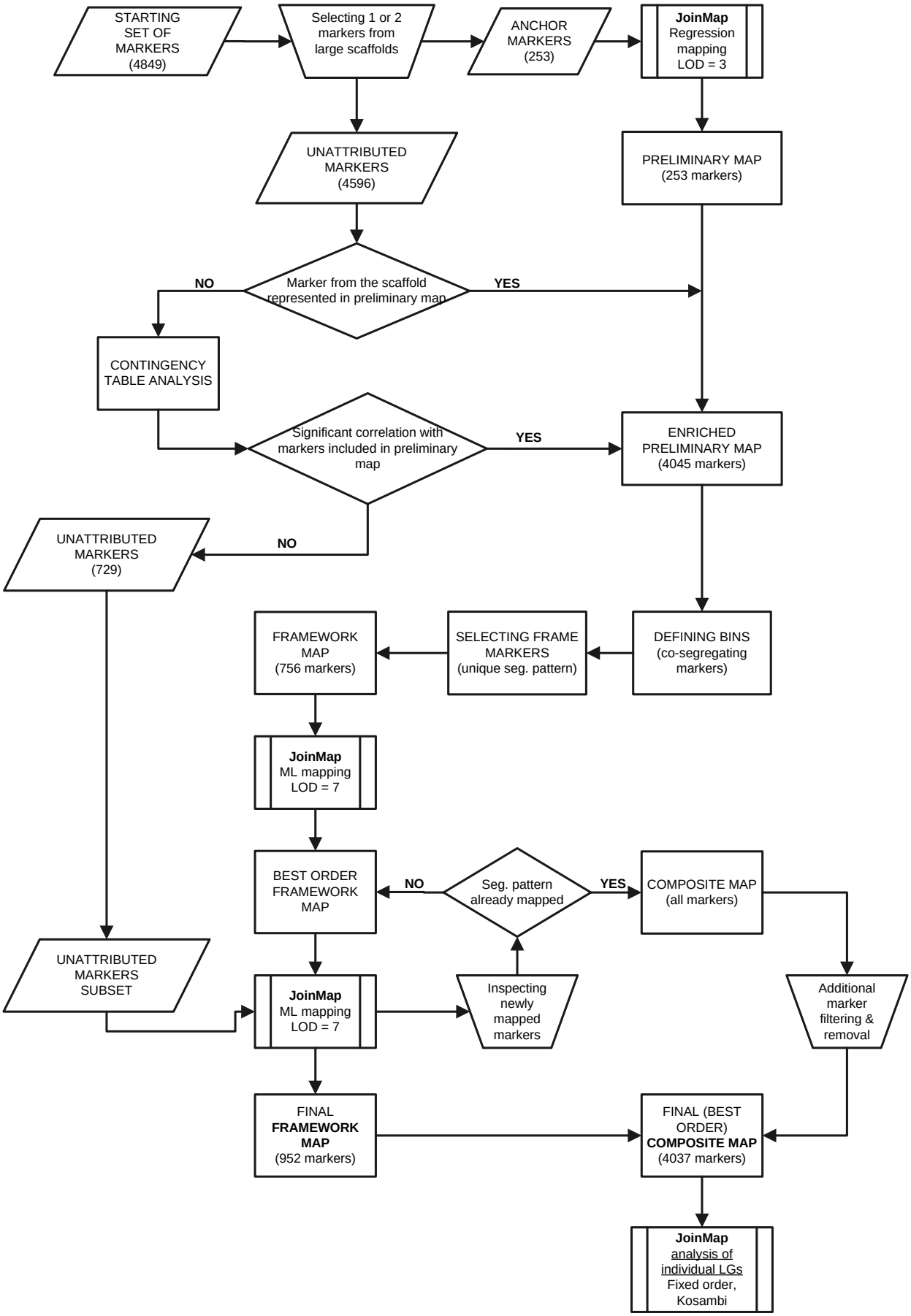
STARTING SET OF MARKERS (4849)
Selecting 1 or 2 markers from large scaffolds
ANCHOR MARKERS (253)
JoinMap Regression mapping LOD = 3
UNATTRIBUTED MARKERS (4596)
PRELIMINARY MAP (253 markers)
Marker from the scaffold represented in preliminary map
NO
YES
CONTINGENCY TABLE ANALYSIS
Significant correlation with markers included in preliminary map
YES
ENRICHED PRELIMINARY MAP (4045 markers)
UNATTRIBUTED MARKERS (729)
NO
FRAMEWORK MAP (756 markers)
SELECTING FRAME MARKERS (unique seg. pattern)
DEFINING BINS (co-segregating markers)
JoinMap ML mapping LOD = 7
BEST ORDER FRAMEWORK MAP
NO
Seg. pattern already mapped
YES
COMPOSITE MAP (all markers)
UNATTRIBUTED MARKERS SUBSET
JoinMap ML mapping LOD = 7
Inspecting newly mapped markers
Additional marker filtering & removal
FINAL FRAMEWORK MAP (952 markers)
FINAL (BEST ORDER) COMPOSITE MAP (4037 markers)
JoinMap analysis of individual LGs Fixed order, Kosambi