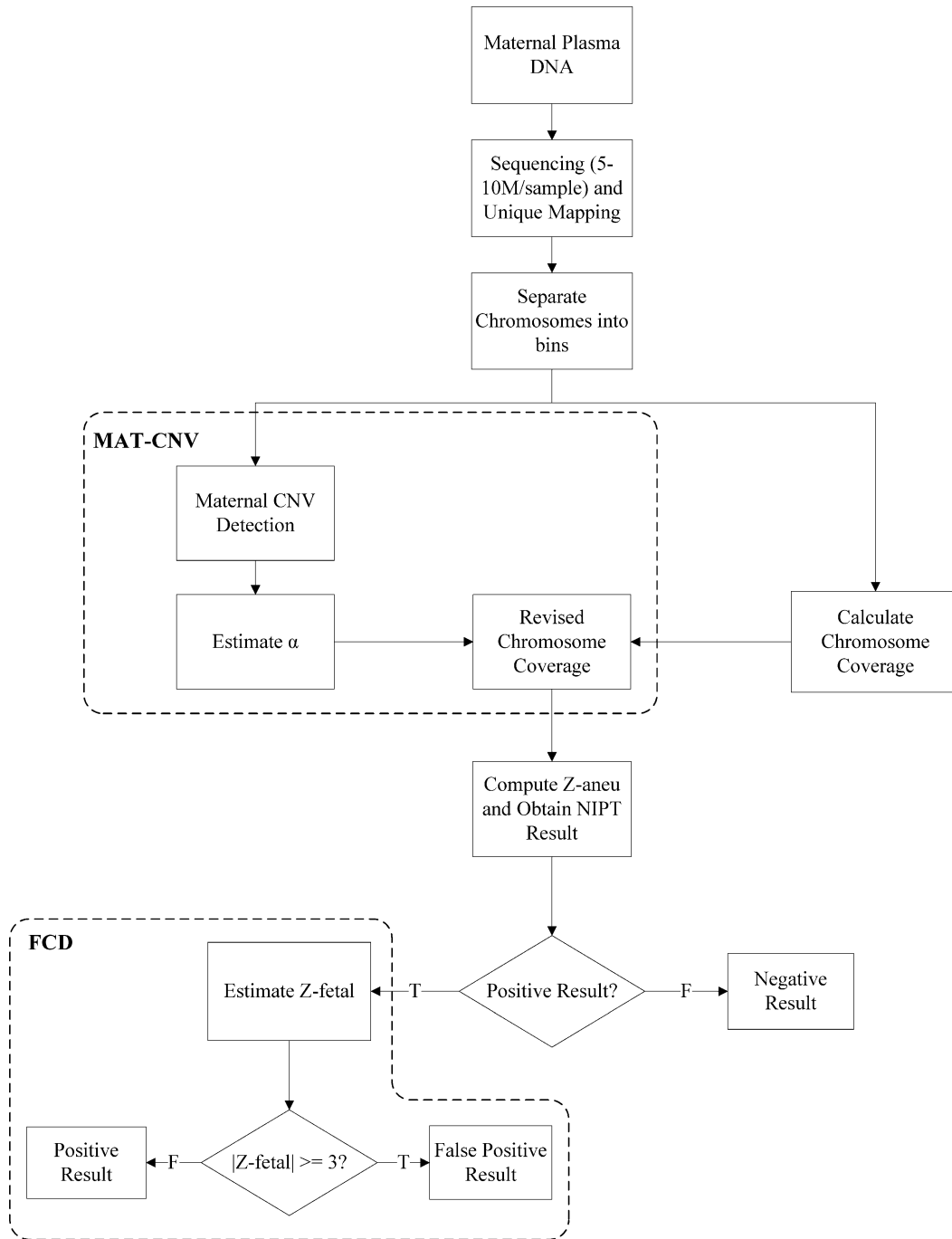
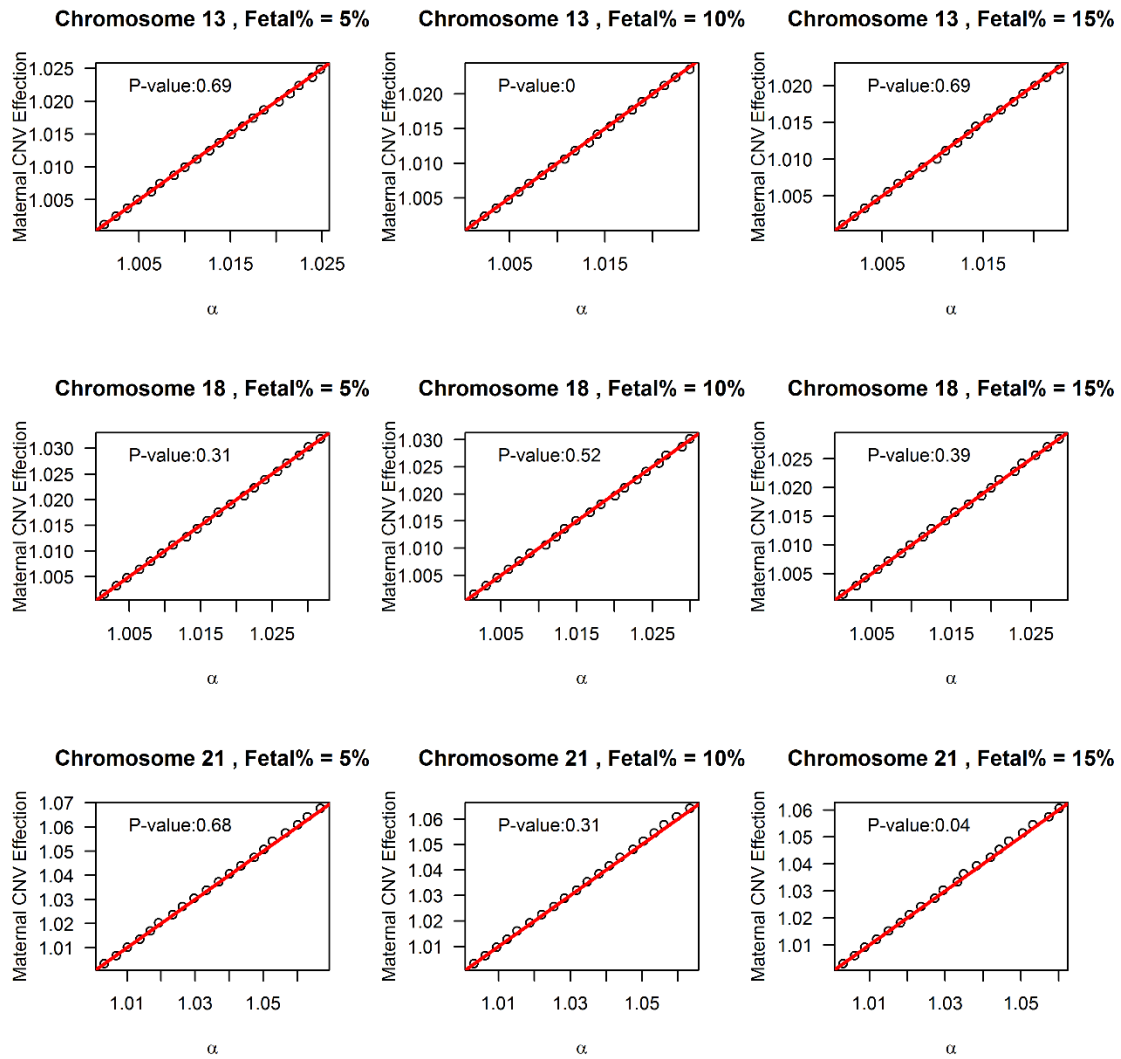


Statistical Approach on Decreasing Error Rate of Noninvasive Prenatal Aneuploid Detection caused by Maternal Copy Number Variation

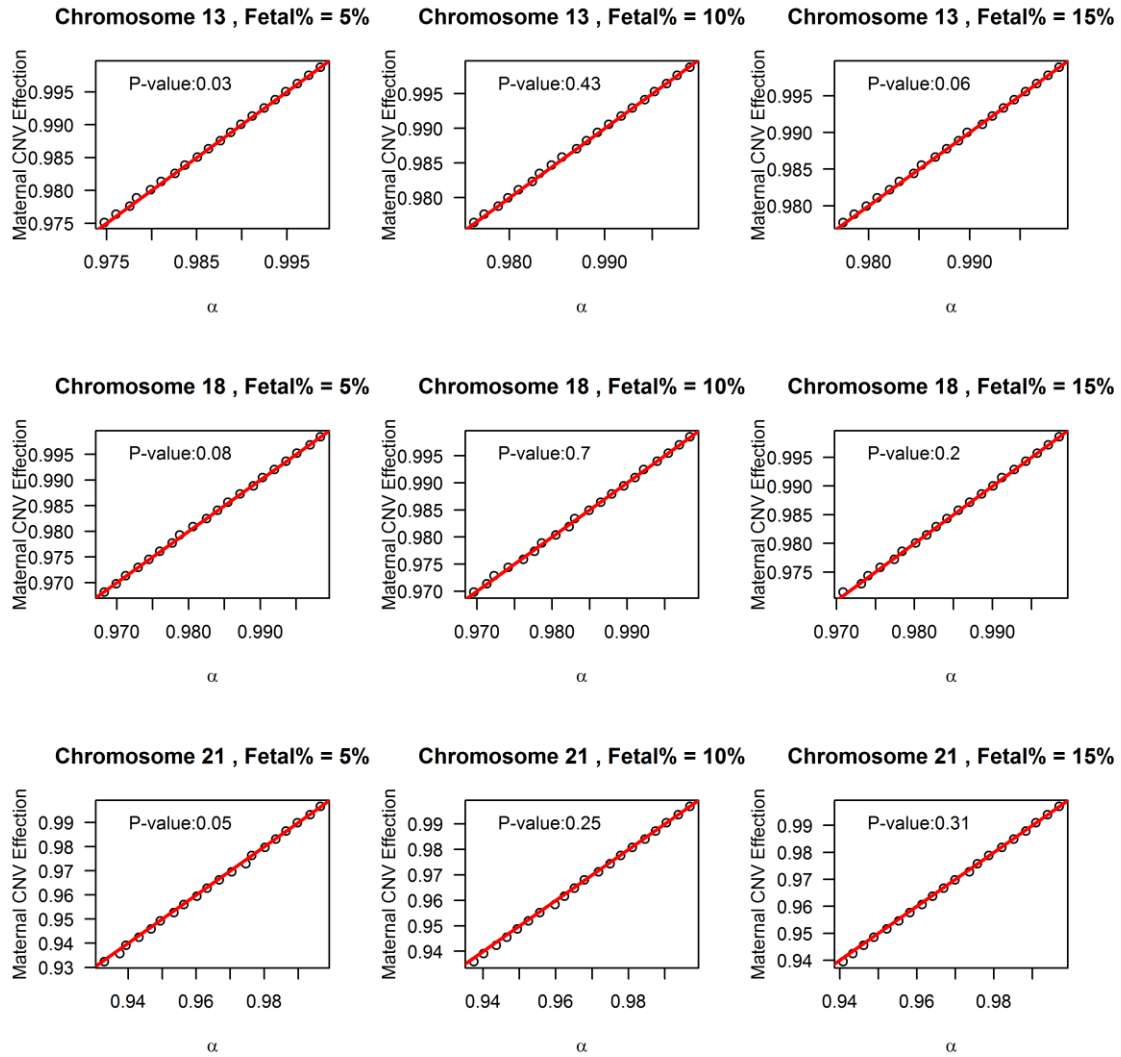
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Supplementary Figure 1. The NIPT FCAD workflow.



Supplementary Figure 2. Evaluation of the parameter α in the presence of maternal duplication. The relationships between the parameter α and the real maternal CNV effect are plotted for chromosomes 13, 18 and 21 in the case of fetal concentrations of 5%, 10% and 15%, respectively. Red lines represent the function $y = x$. The P-value in each plot was computed using the Shapiro–Wilk test.



Supplementary Figure 3. Evaluation of the parameter α in the presence of maternal deletion. The relationships between the parameter α and the real maternal CNV effect are plotted for chromosomes 13, 18 and 21 in the case of fetal concentrations of 5%, 10% and 15%, respectively. Red lines represent the function $y = x$. The P-value in each plot was computed using the Shapiro–Wilk test.



Supplementary Figure 4. Confirmation of maternal duplication in chromosome 21 in EK01875 using SNP-array.



Supplementary Figure 5. Confirmation of maternal duplication in chromosome 21 in BD01462 using SNP-array.