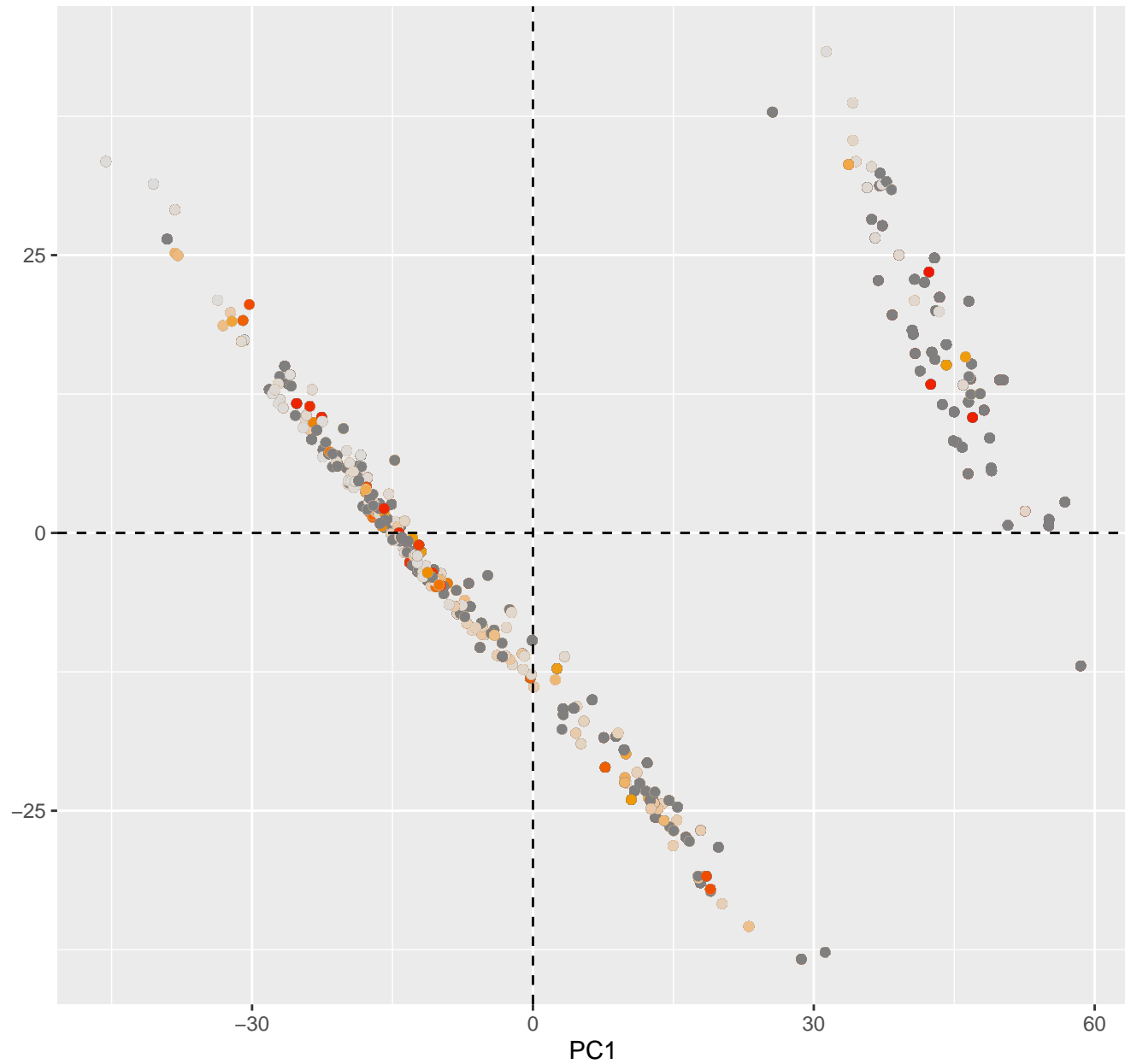
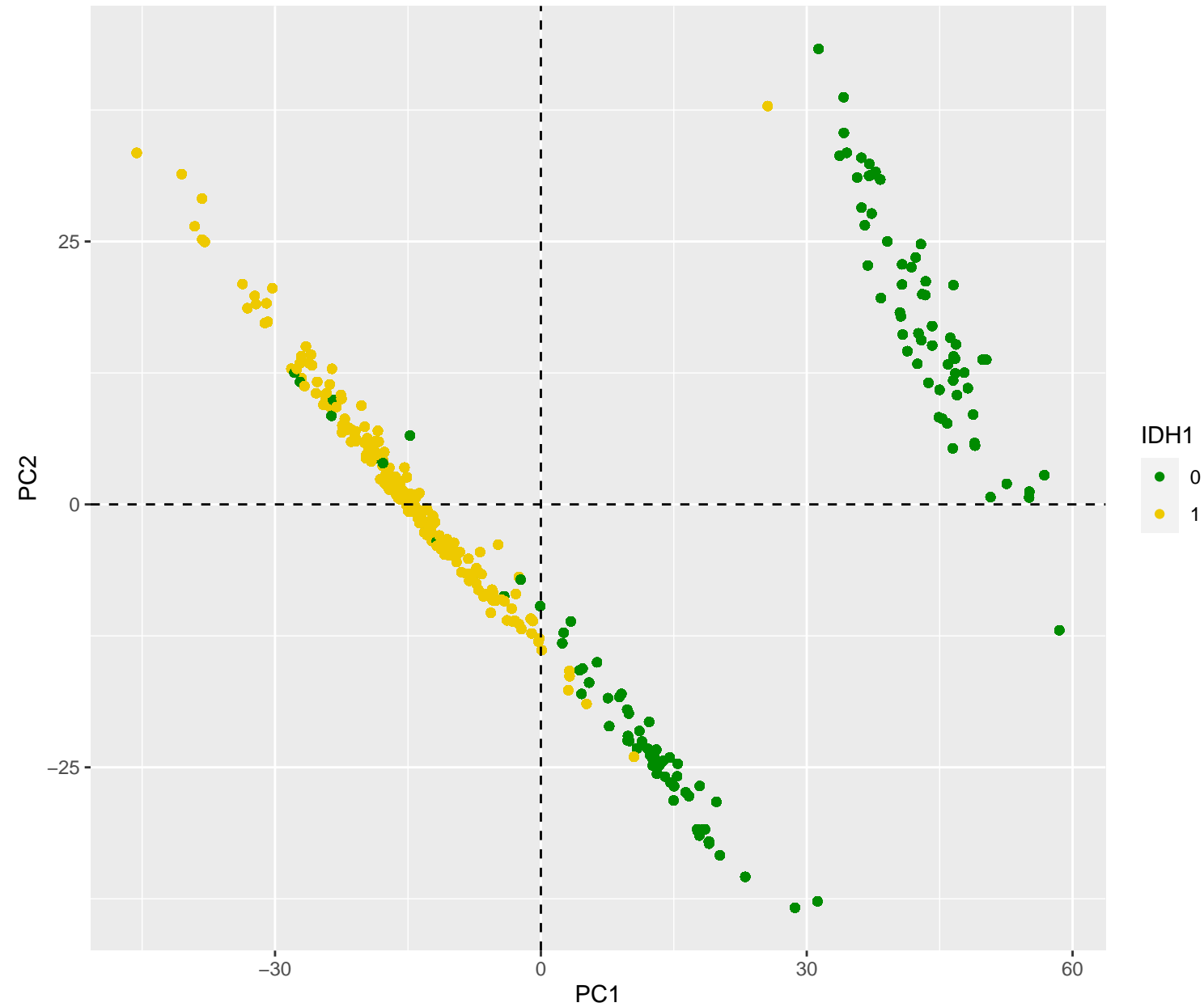


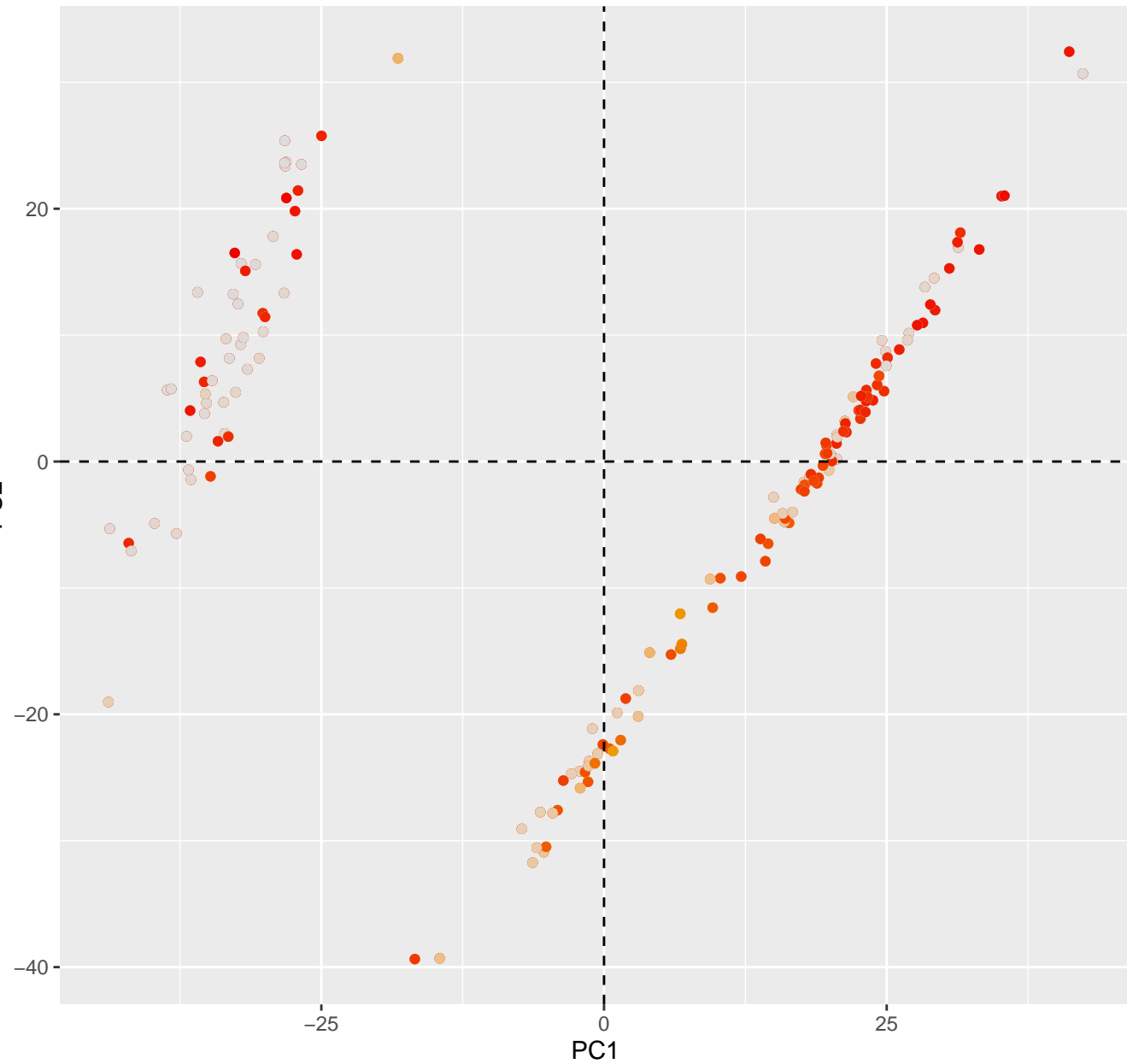
n.samples: 385



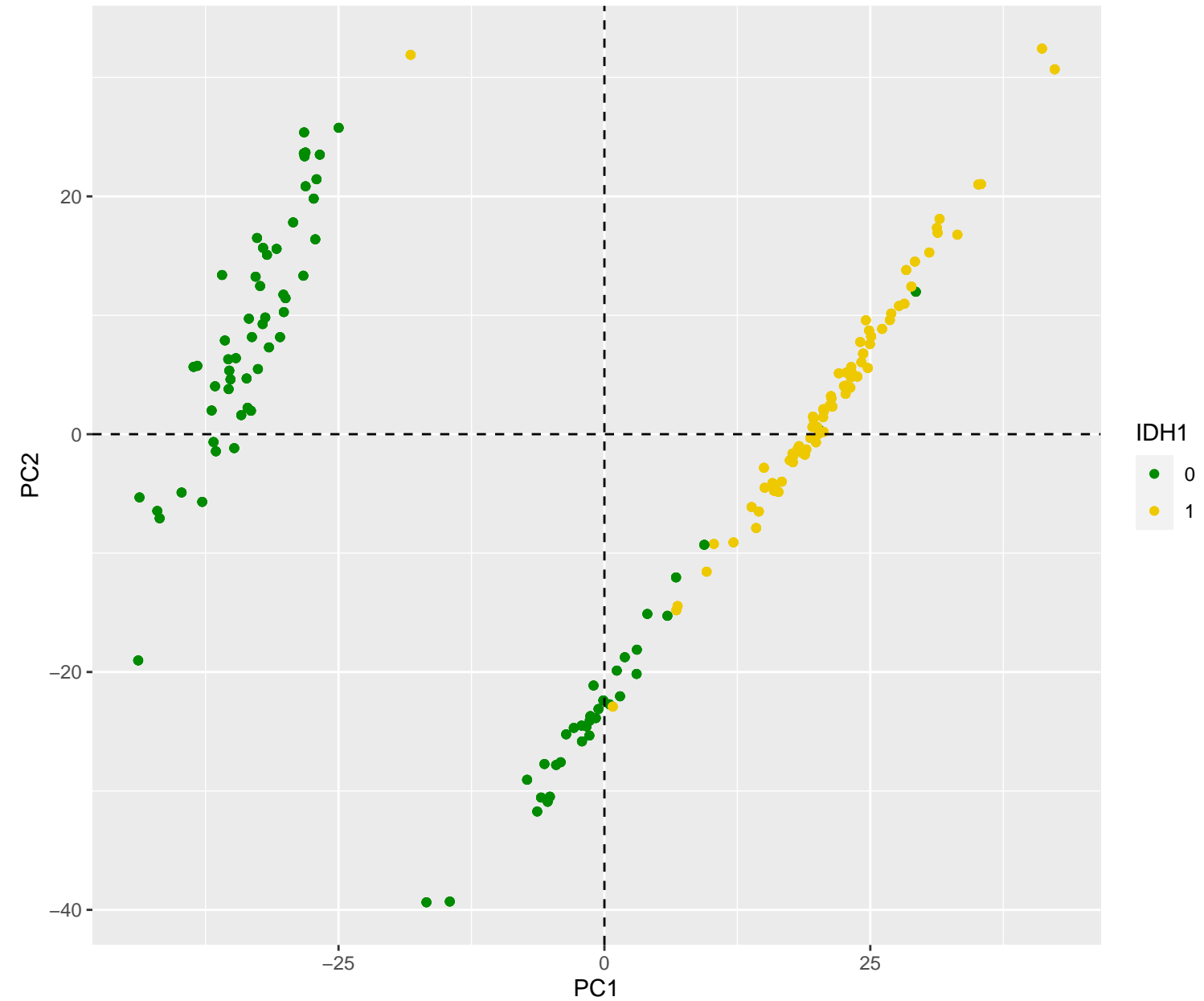
n.samples: 385



n.samples: 168



n.samples: 168



A PCA plot showing the first two principal components, PC1 (x-axis) and PC2 (y-axis). The x-axis ranges from -30 to 60, and the y-axis ranges from -30 to 30. The plot displays three distinct clusters of data points, color-coded as red, orange, and grey. The red points are concentrated in the upper left quadrant (negative PC1, positive PC2). The orange points are located in the lower left quadrant (negative PC1, negative PC2). The grey points form a large cluster in the upper right quadrant (positive PC1, positive PC2). Dashed lines indicate the PC1 and PC2 axes.

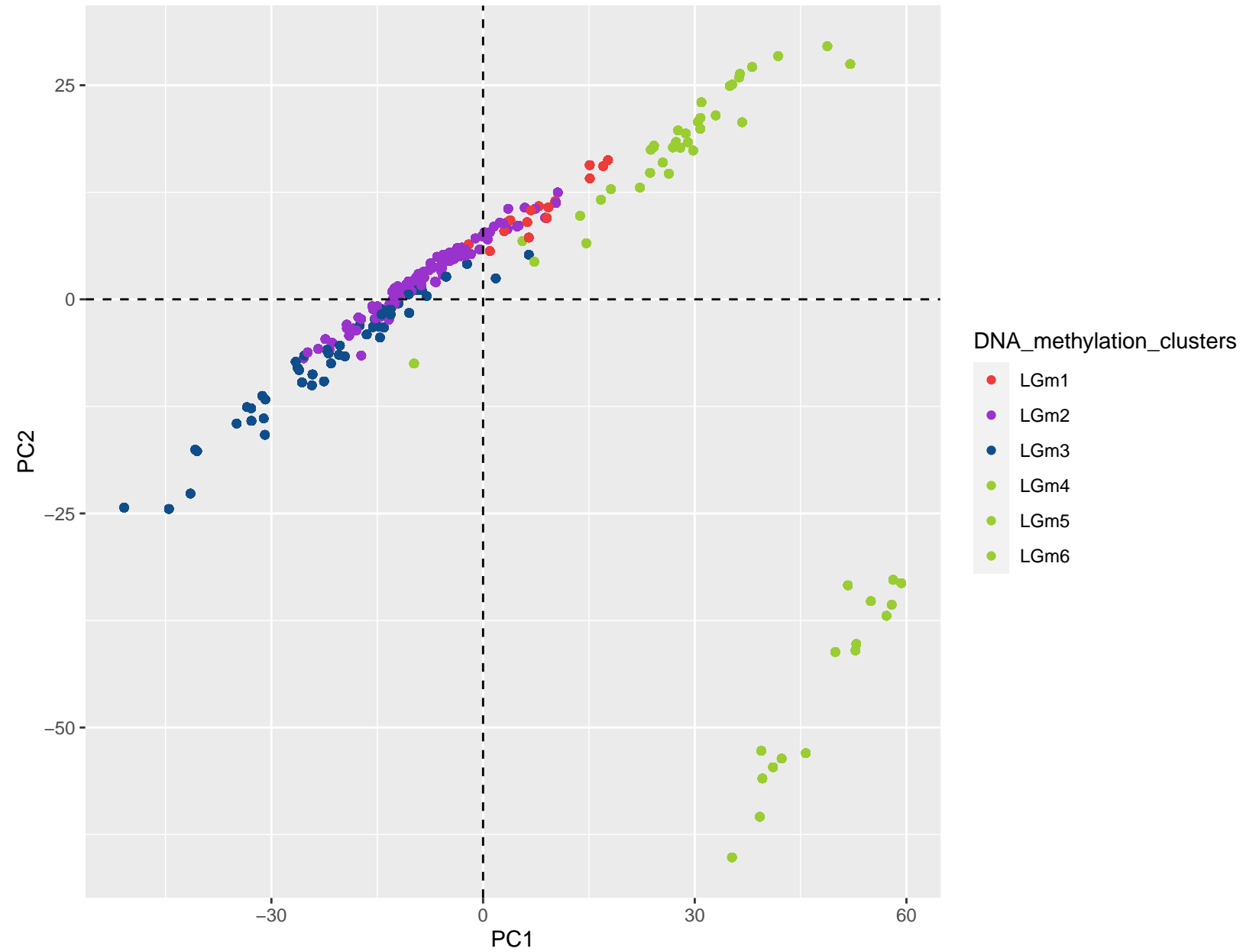
A PCA plot showing the first two principal components, PC1 (x-axis) and PC2 (y-axis). The x-axis ranges from approximately -40 to 60, and the y-axis ranges from approximately -35 to 35. Dashed lines represent the PC1 and PC2 axes. The data points are colored based on their cluster membership, showing four distinct groups: blue (top-left), purple (middle-left), red (bottom-left), and green (bottom-right). The clusters are well-separated, indicating distinct groups in the data.

- LGm1
- LGm2
- LGm3
- LGm4
- LGm5
- LGm6
- LGr_Unkown

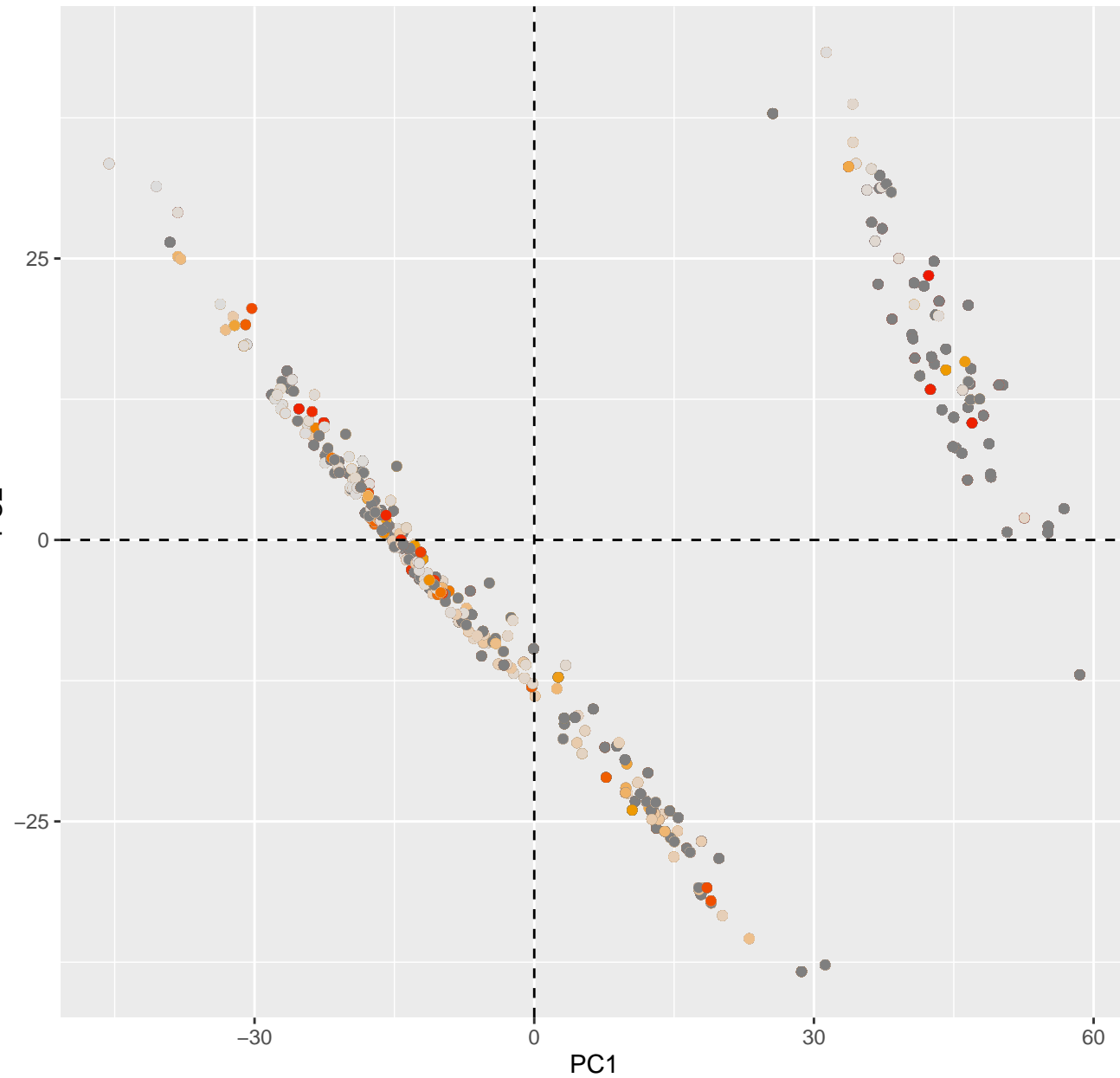
n.samples: 217



n.samples: 217



n.samples: 385



n.samples: 385

