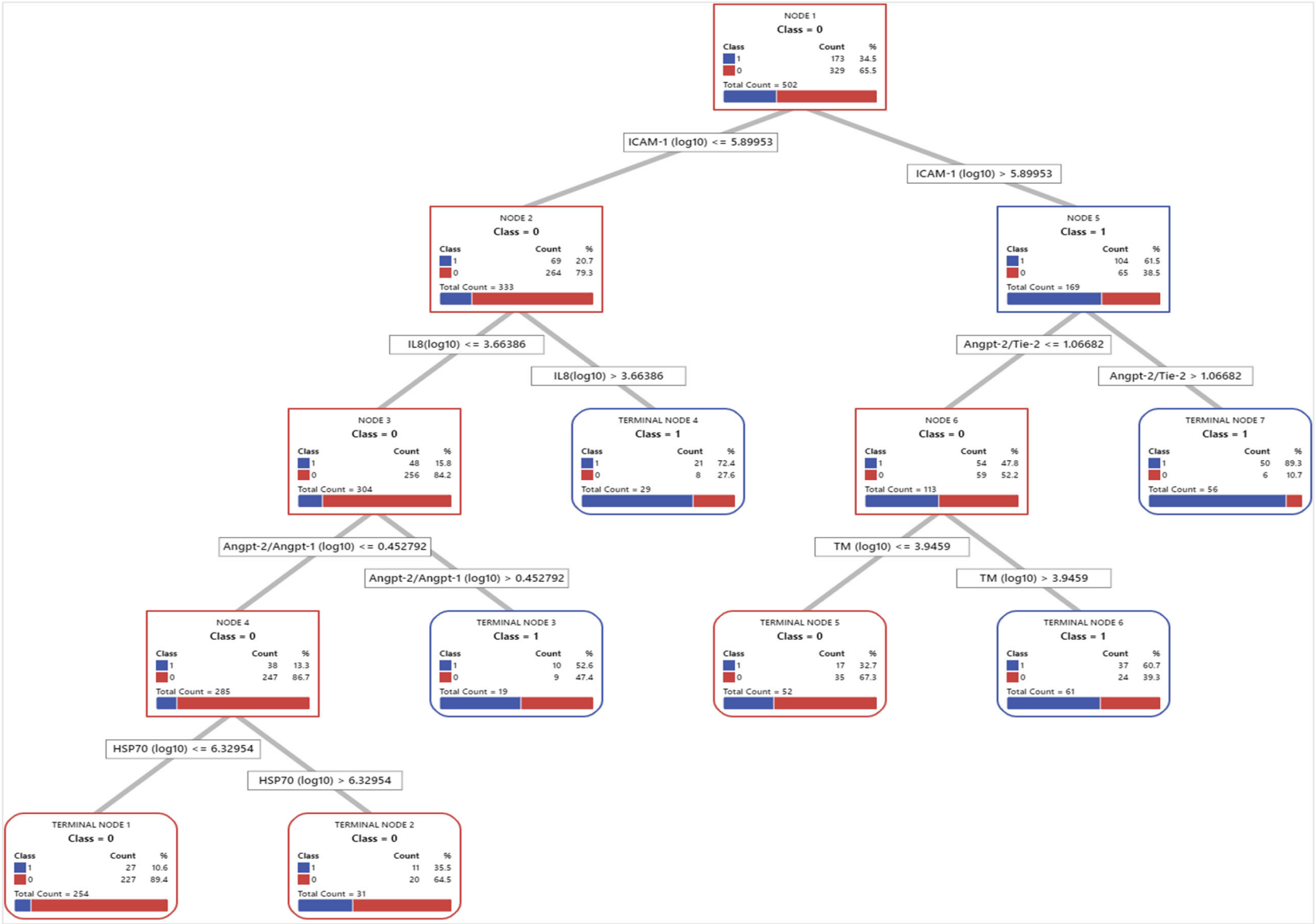Additional File 10: