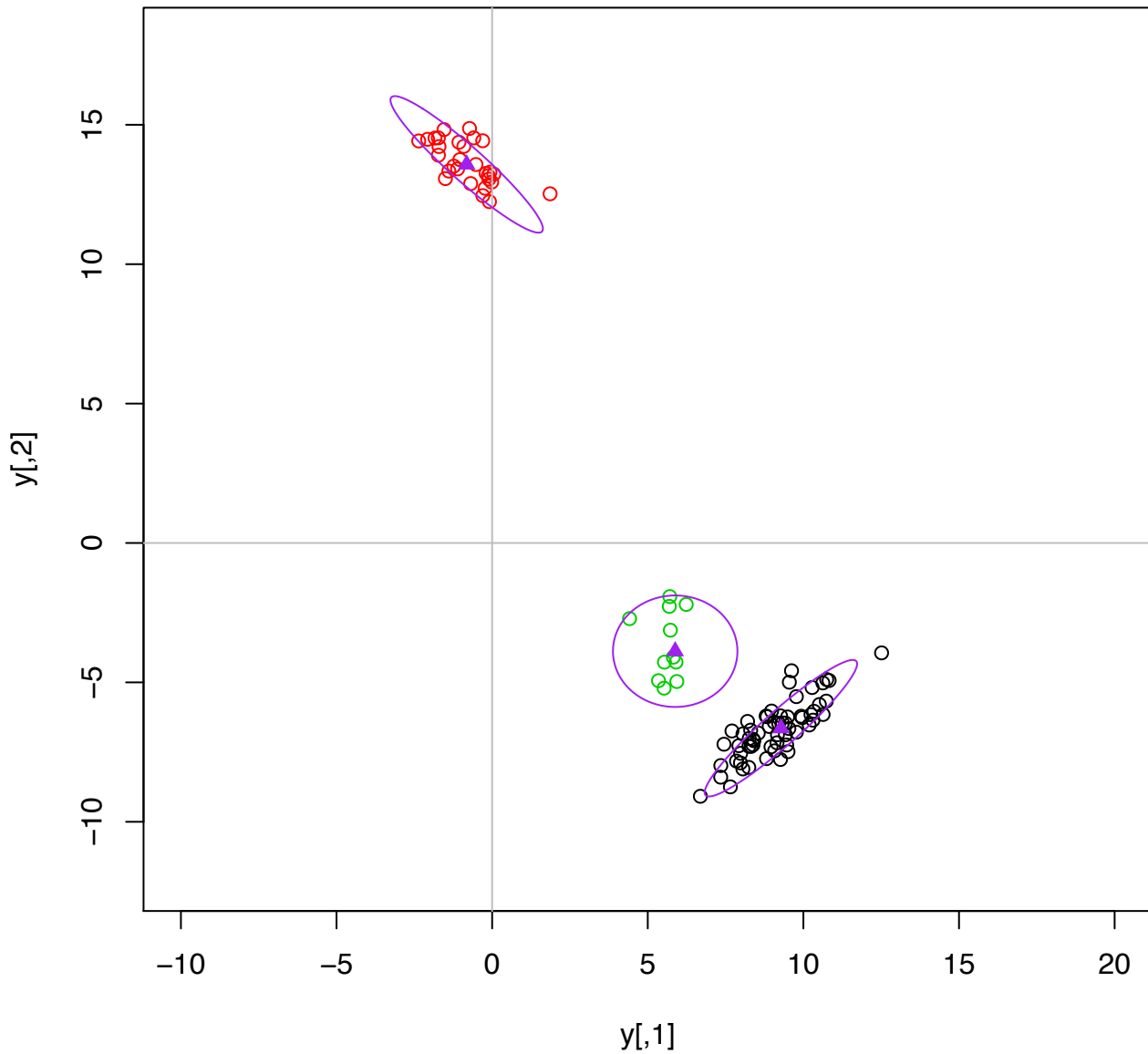
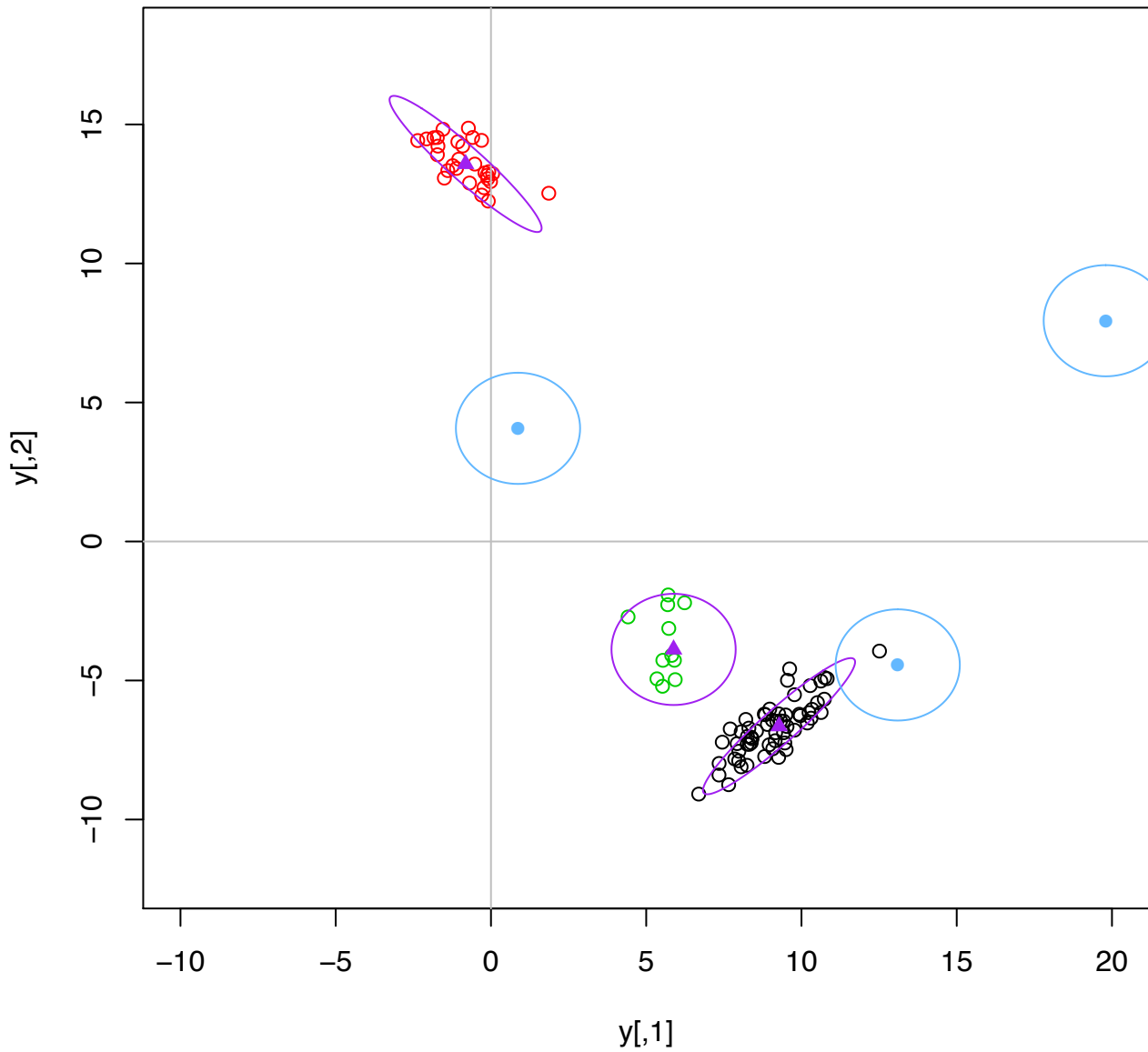


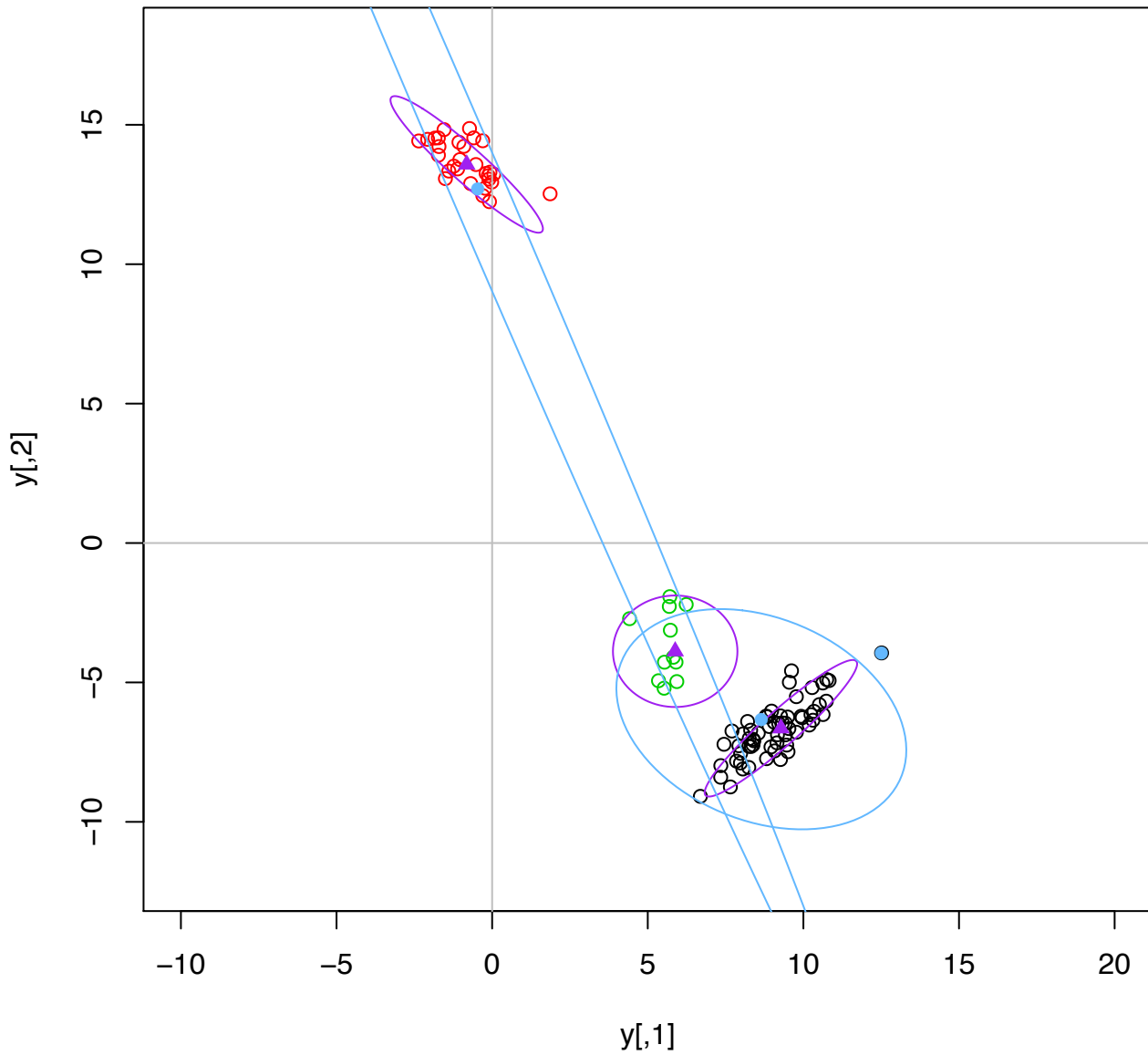
true cluster means: purple triangles



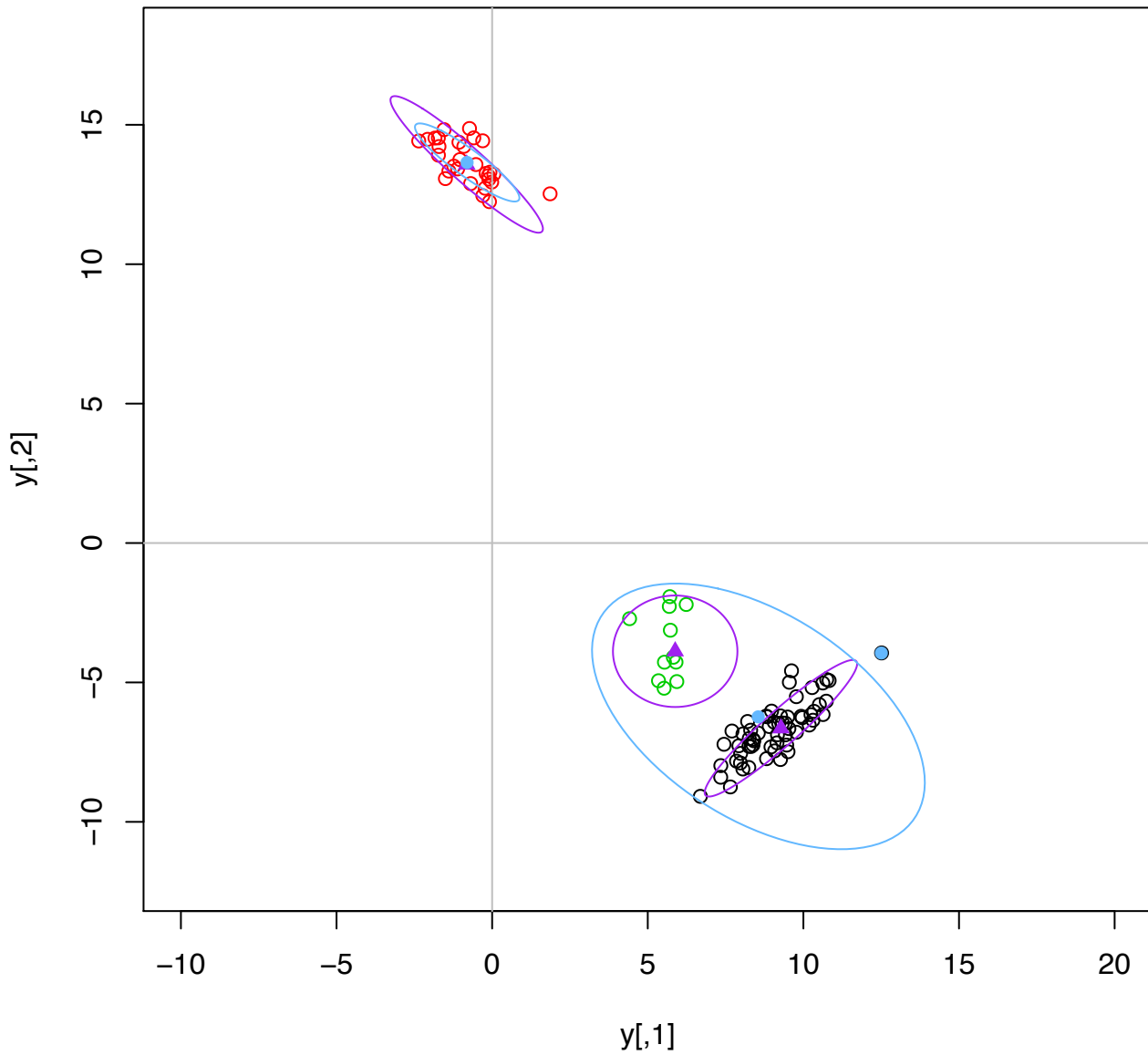
iteration #1: $Q = -2508.32430698227$



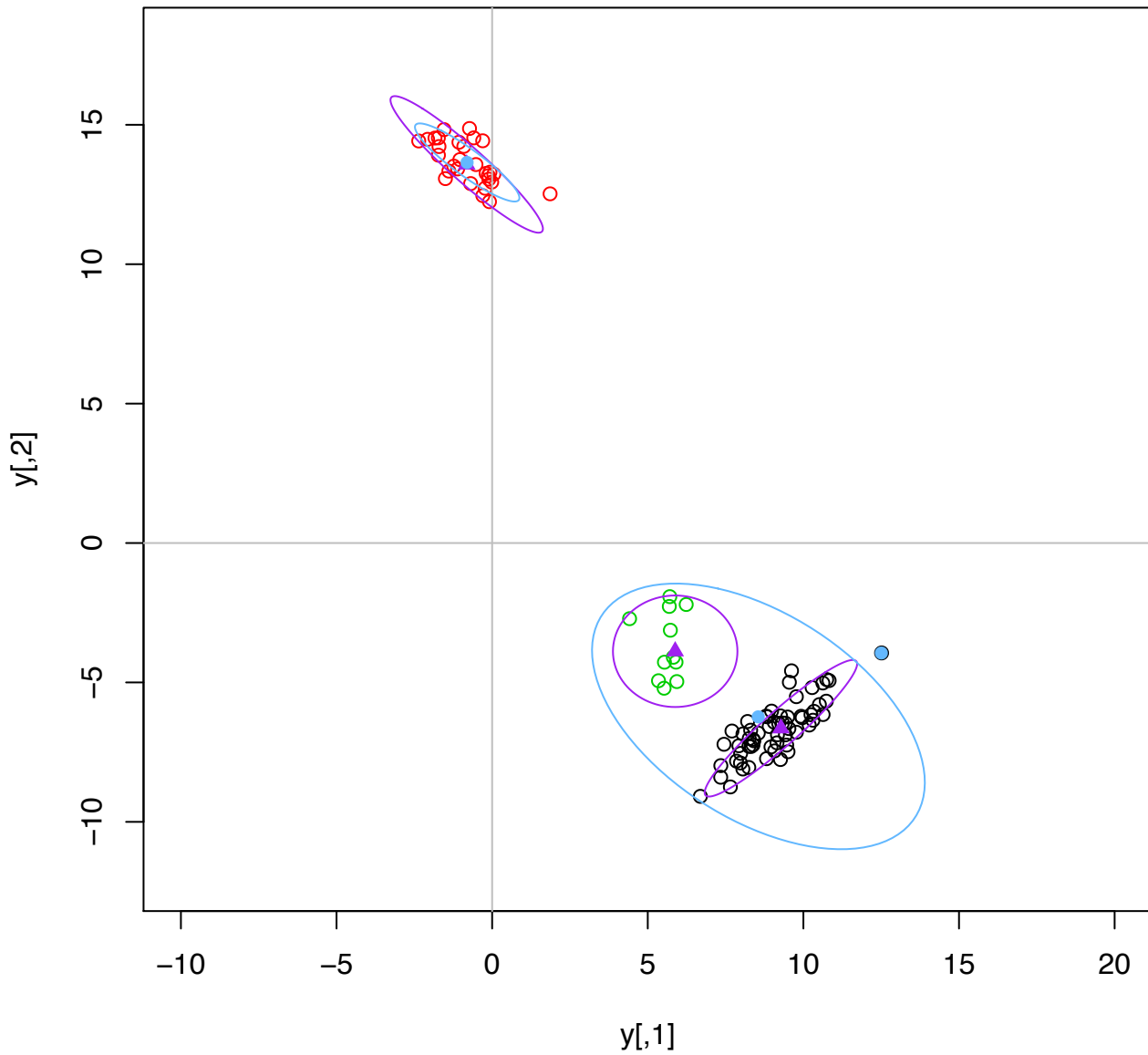
iteration #2: $Q = -238.505524115329$



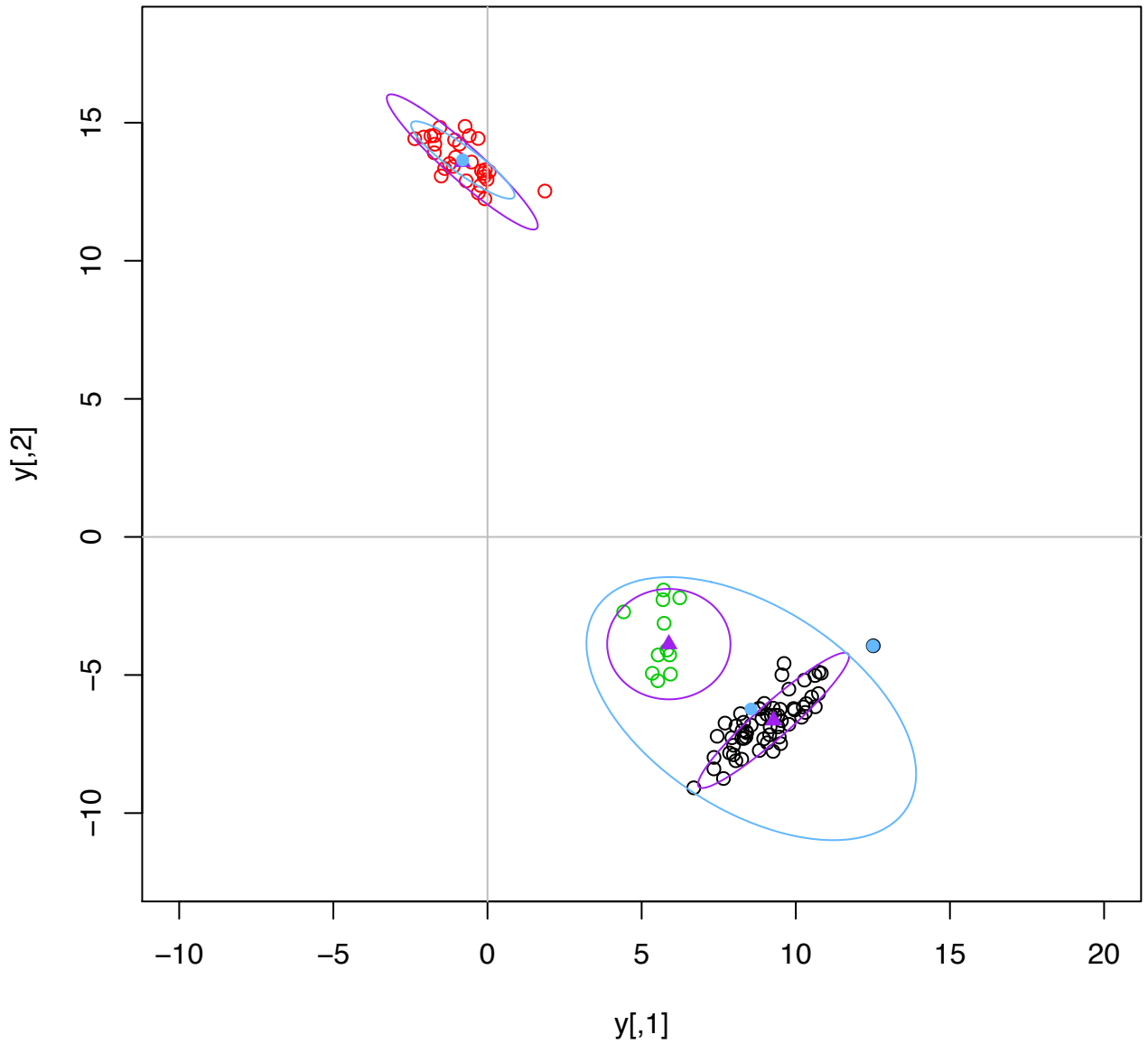
iteration #3: $Q = -200.655854737527$



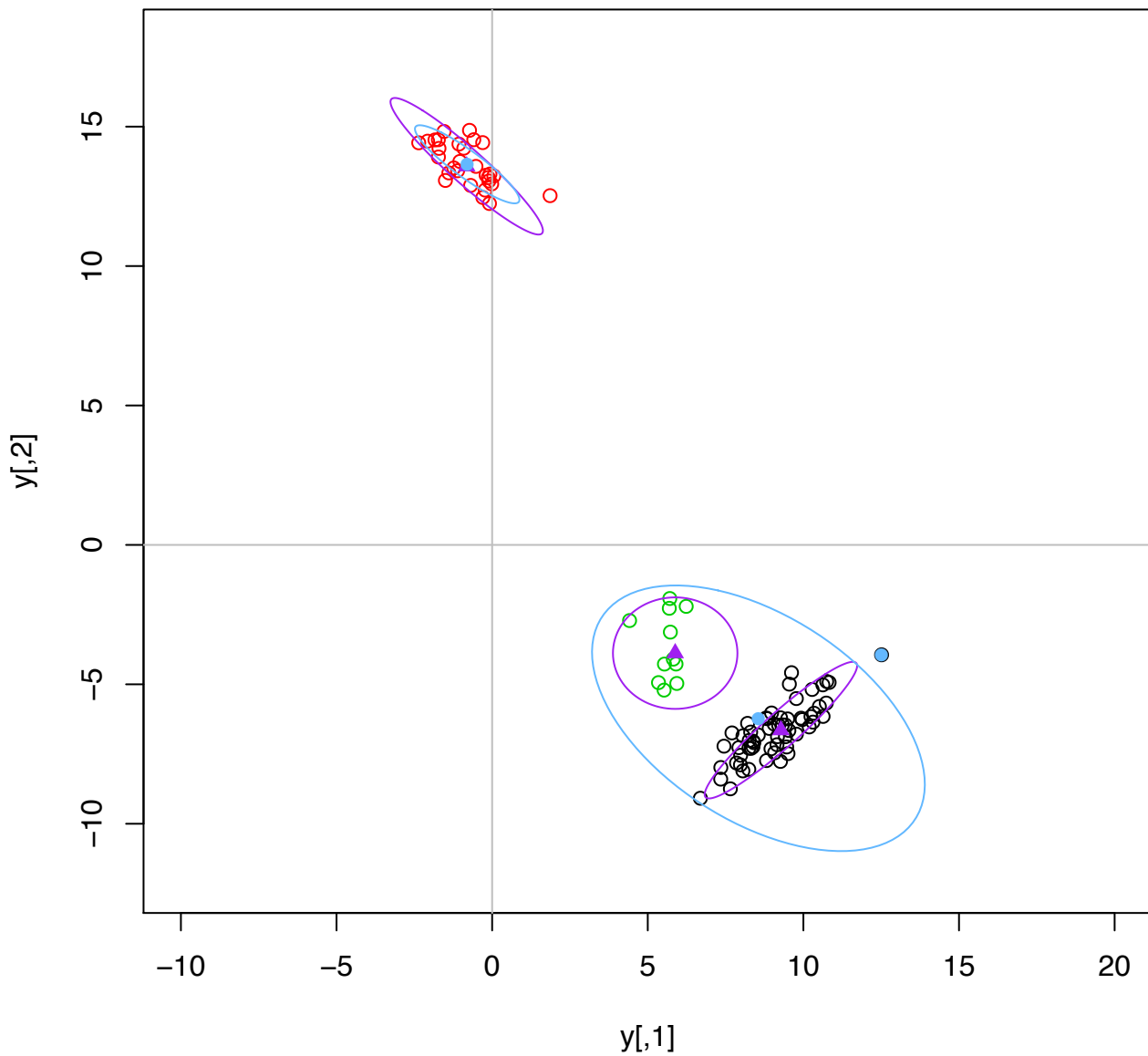
iteration #4: $Q = -200.655854737527$



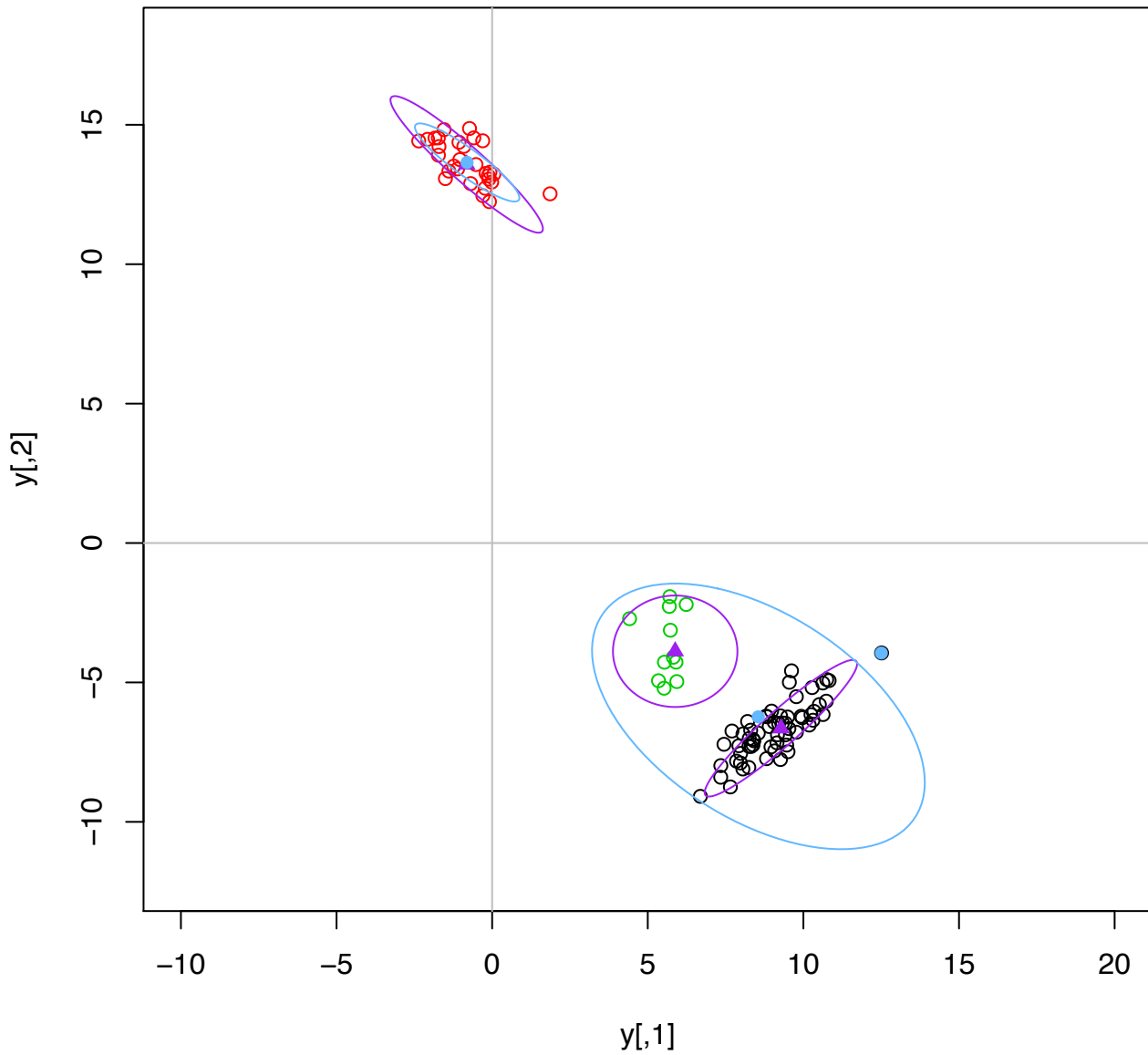
iteration #5: $Q = -200.655854737527$



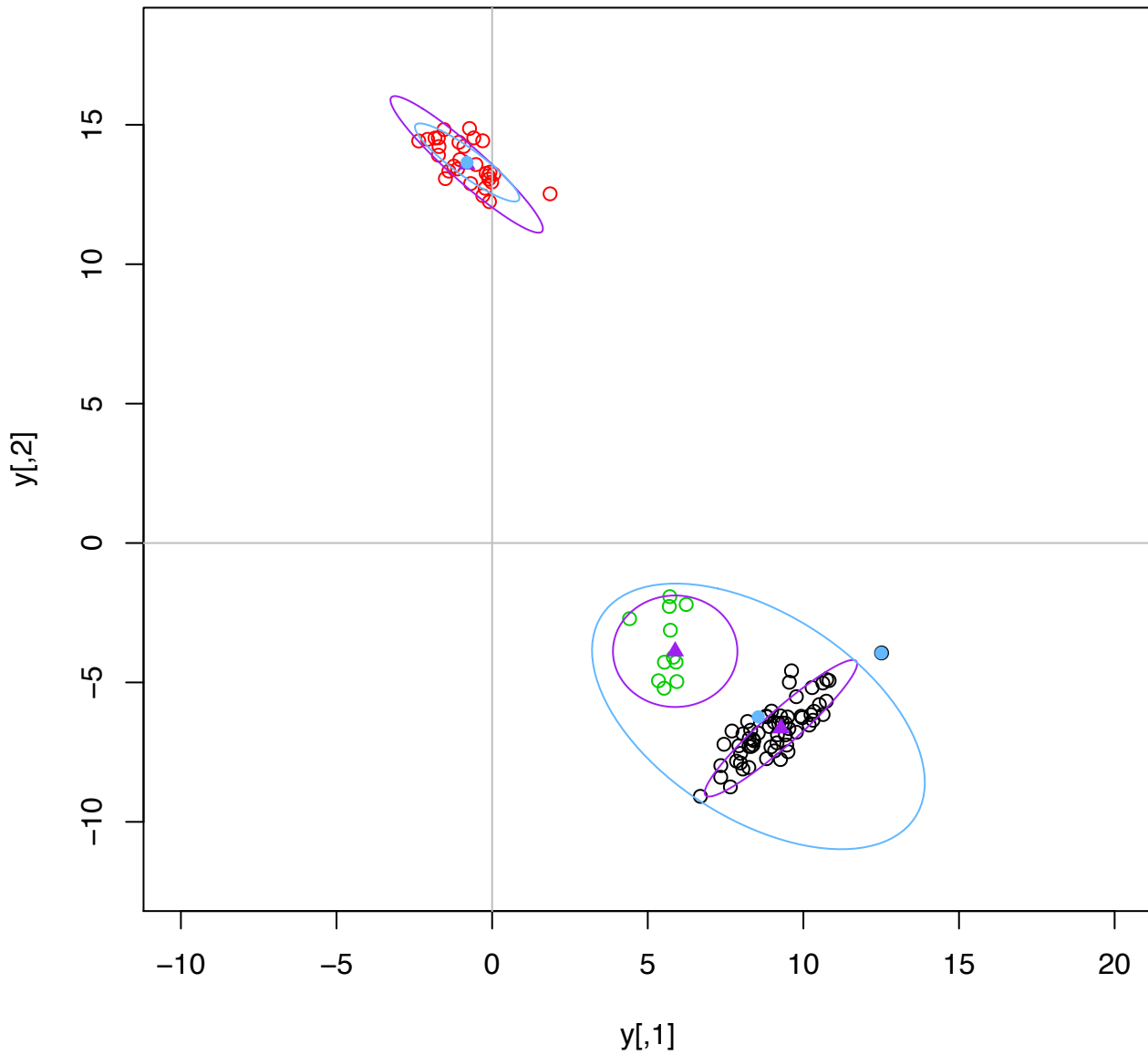
iteration #6: $Q = -200.655854737527$



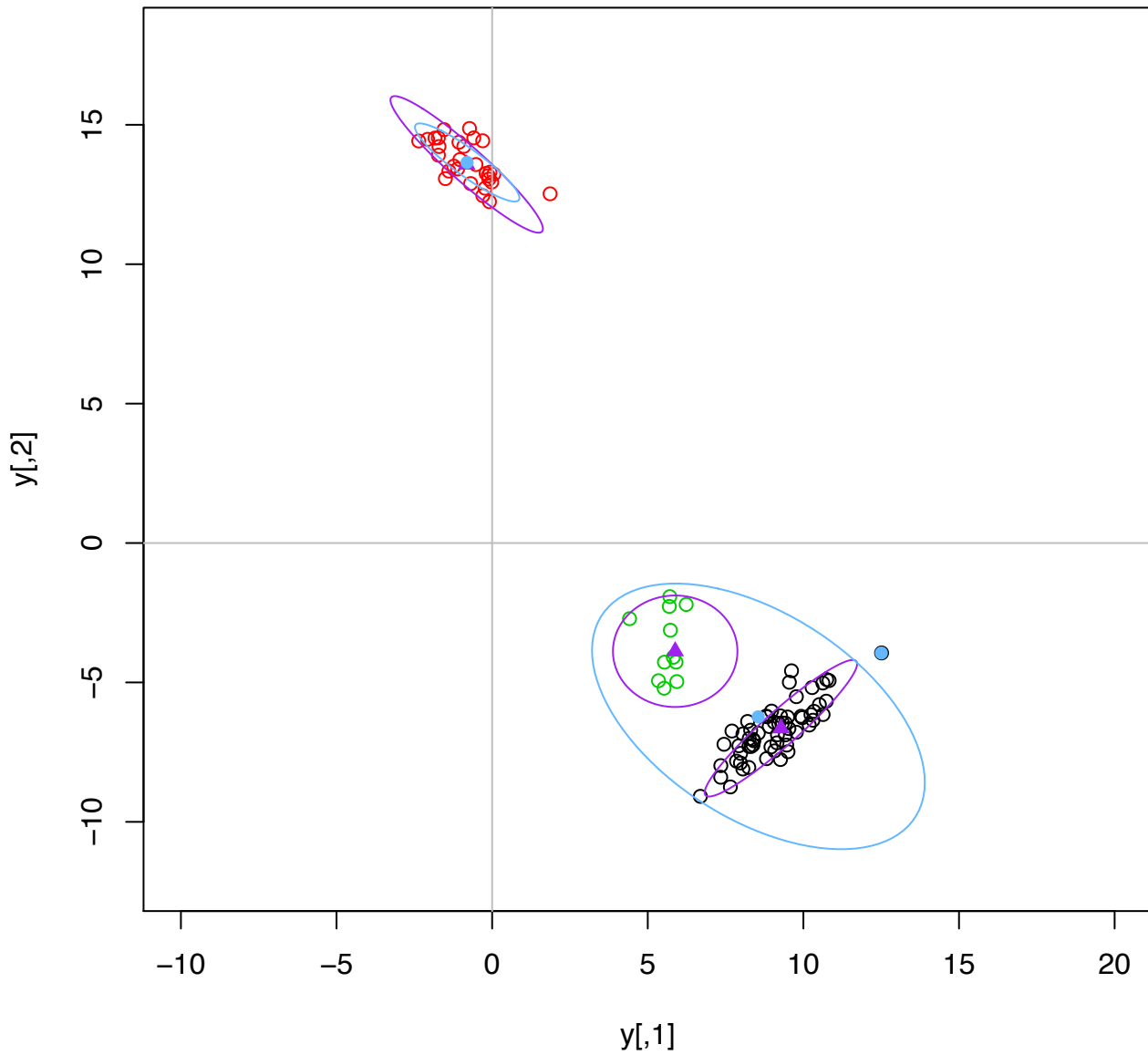
iteration #7: $Q = -200.655854737527$



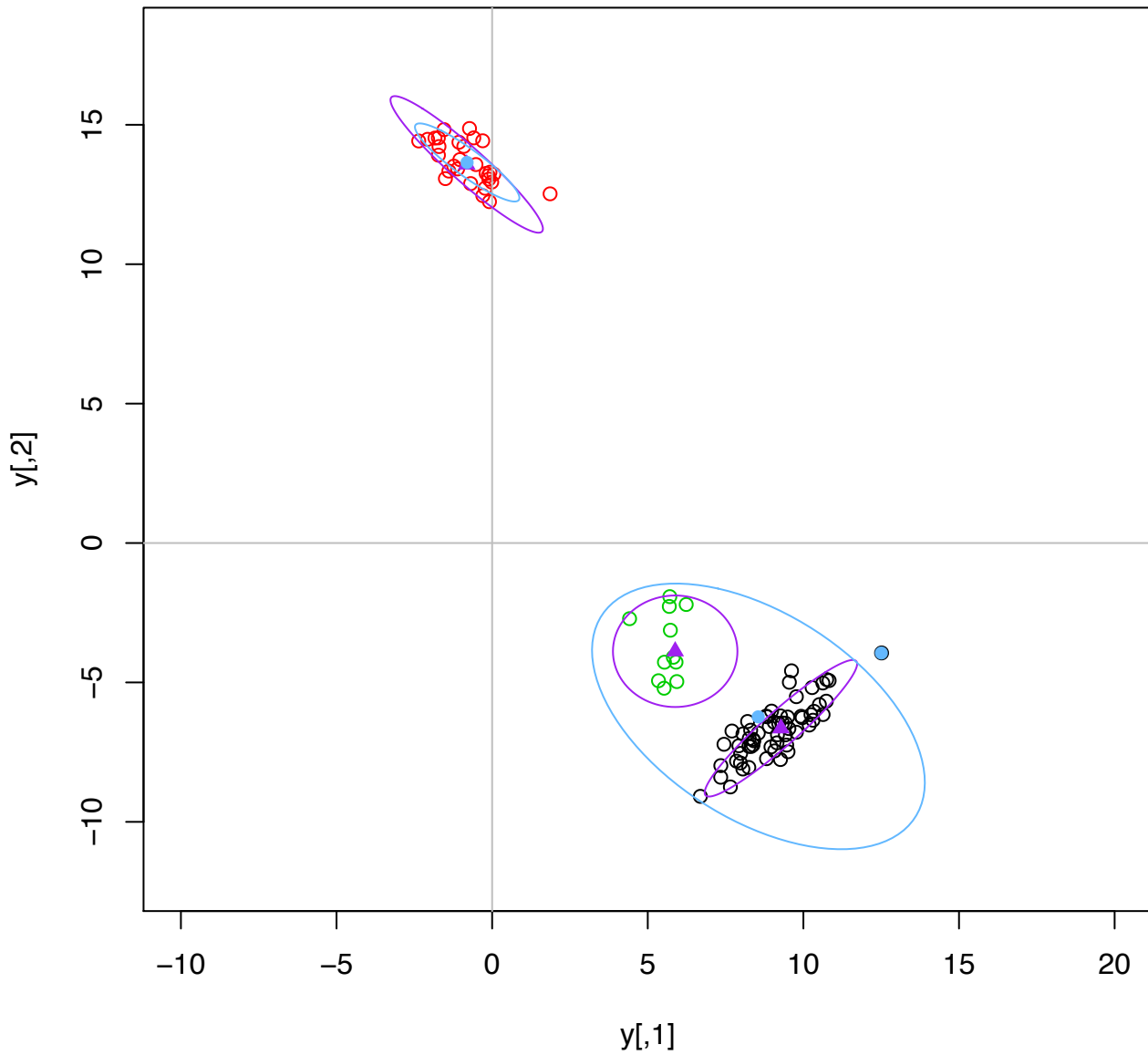
iteration #8: $Q = -200.655854737527$



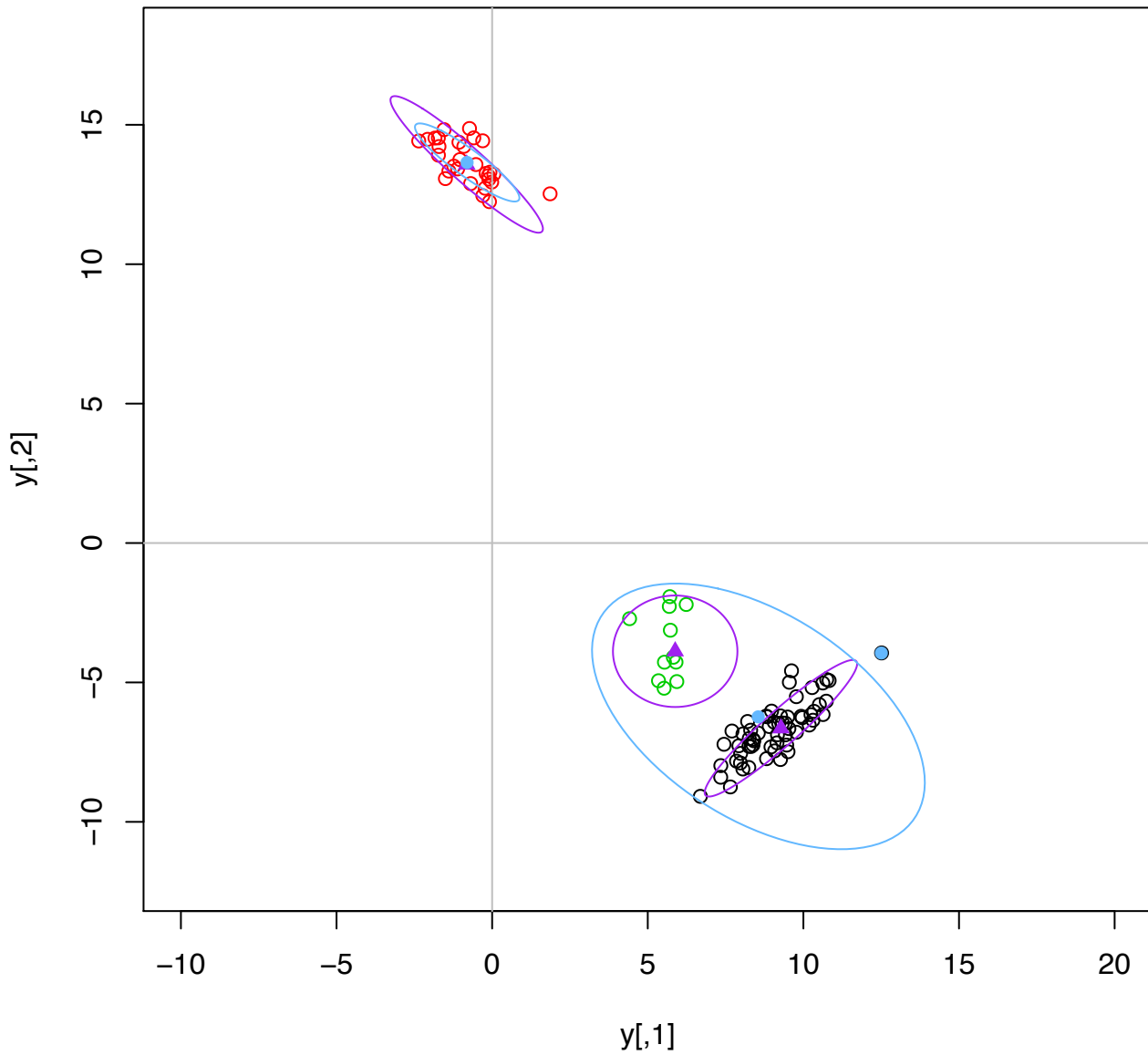
iteration #9: $Q = -200.655854737527$



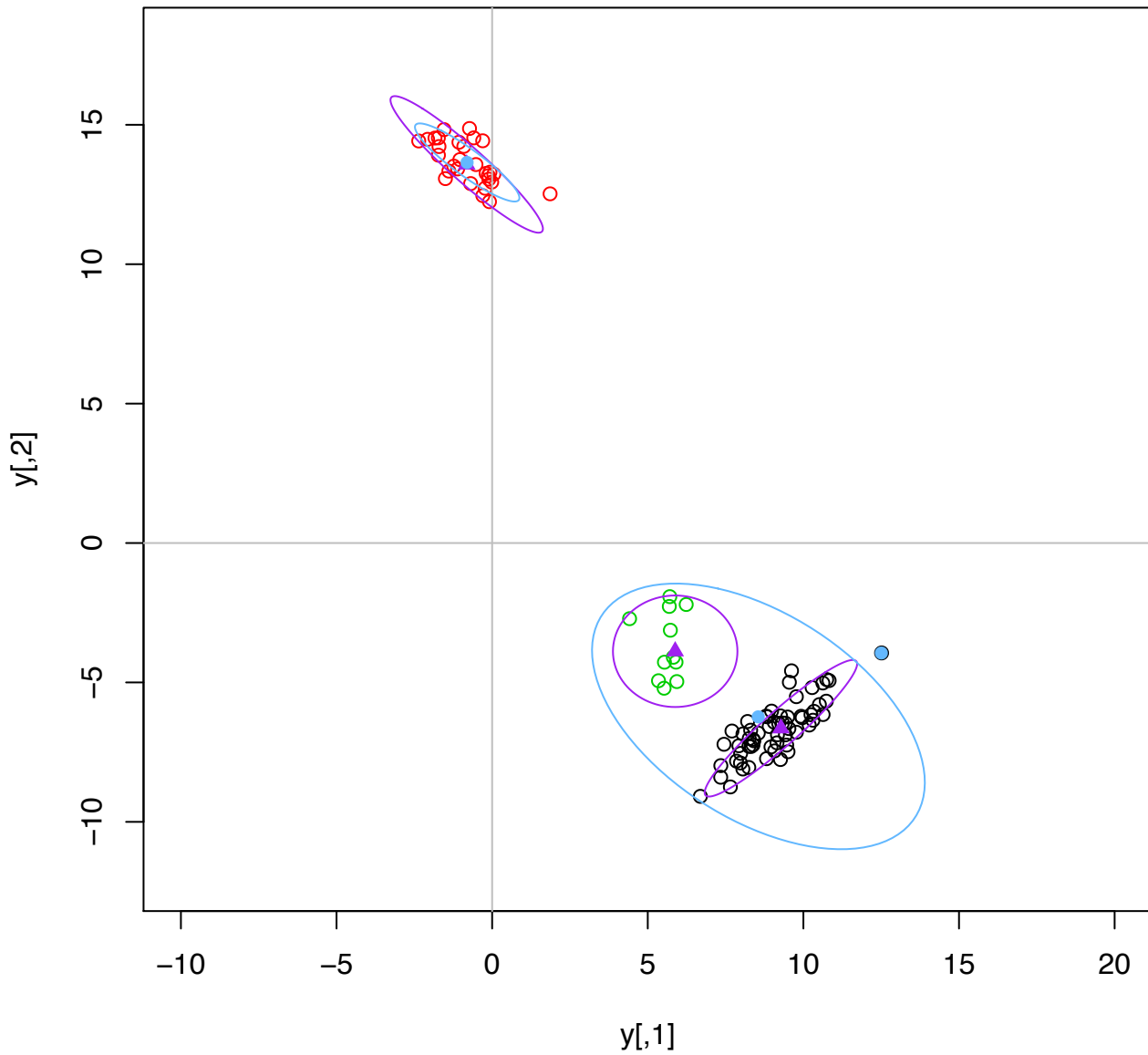
iteration #10: $Q = -200.655854737527$



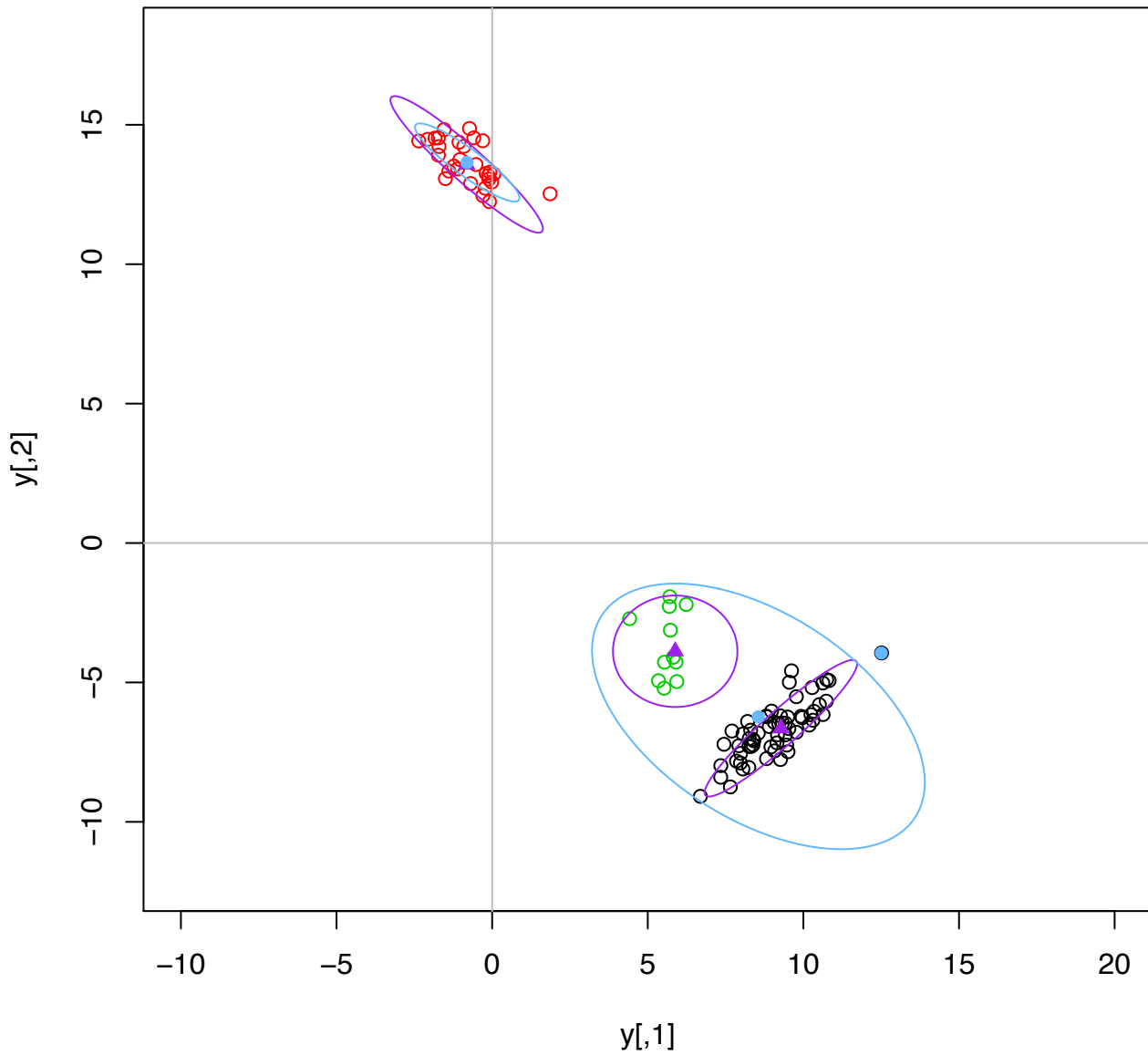
iteration #11: $Q = -200.655854737527$



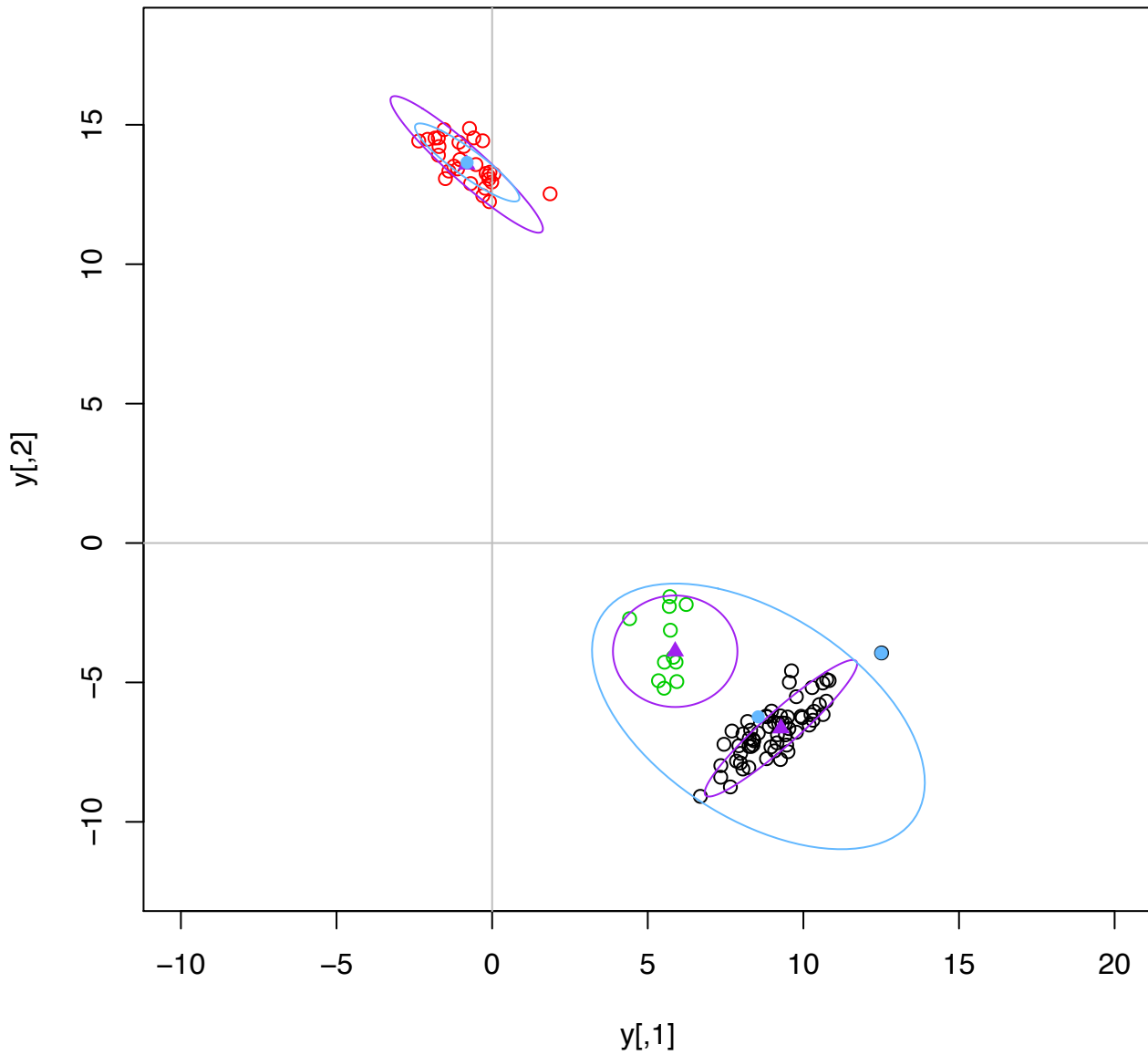
iteration #12: $Q = -200.655854737533$



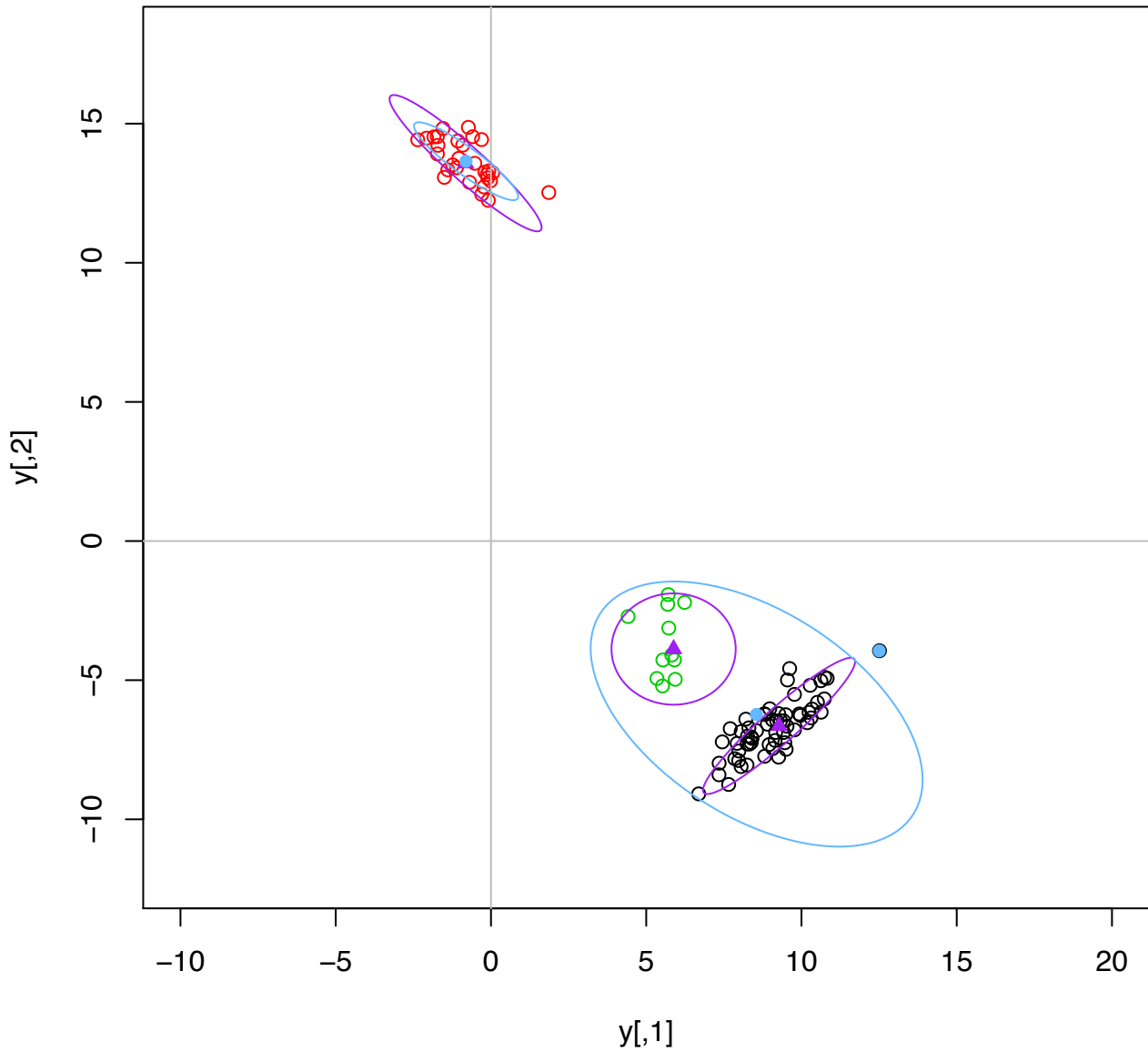
iteration #13: $Q = -200.655854739478$



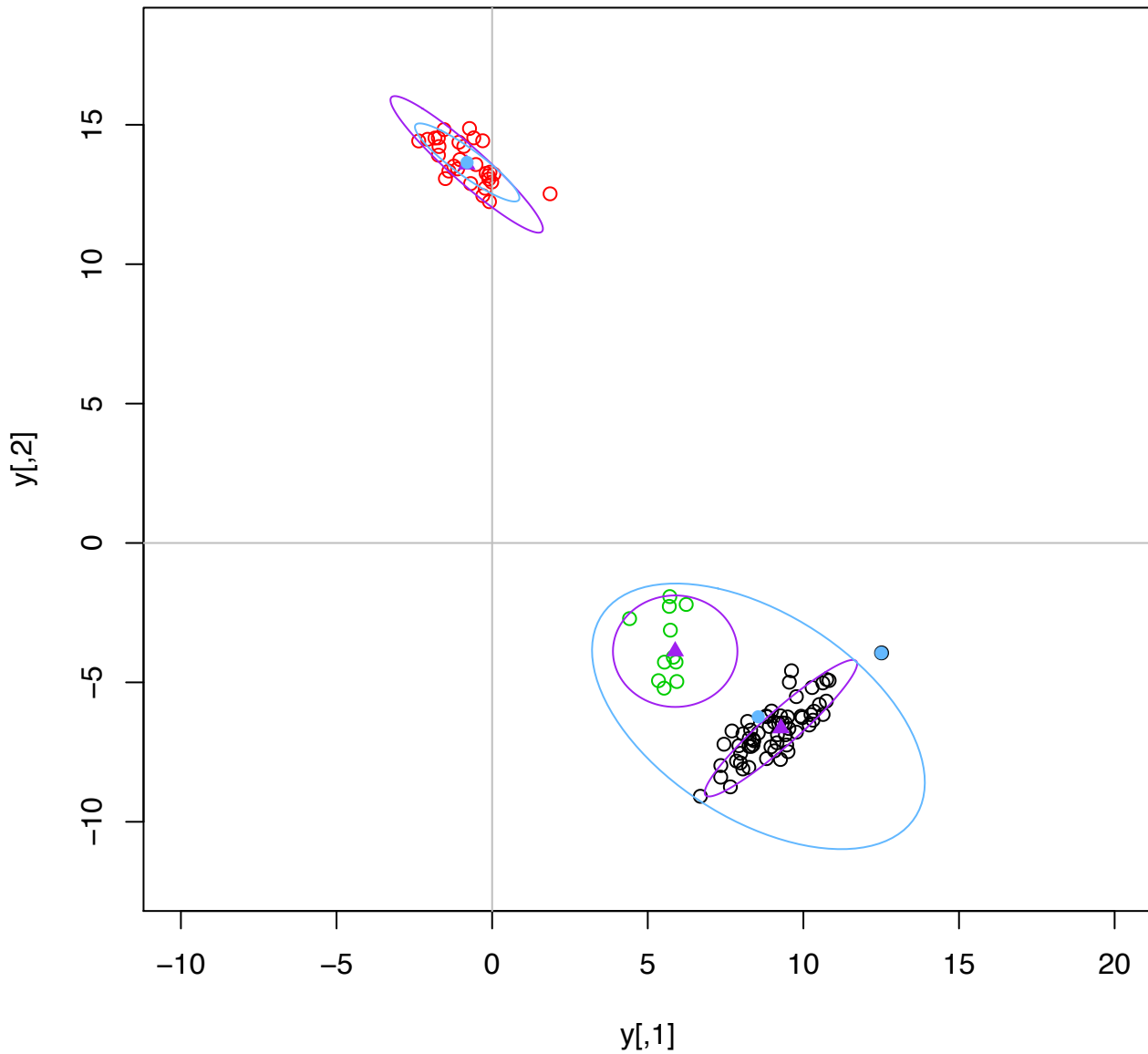
iteration #14: $Q = -200.655855366295$



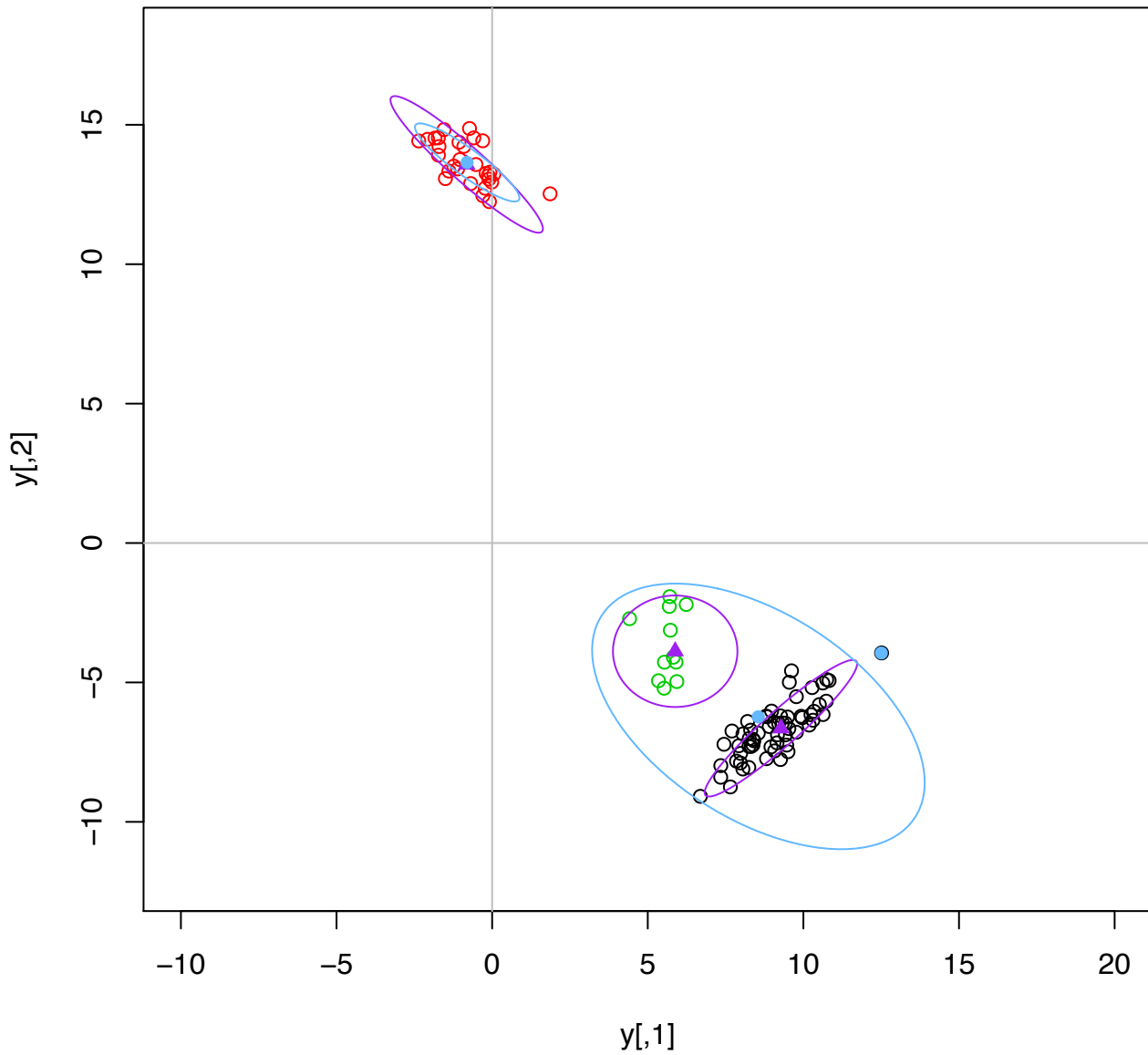
iteration #15: $Q = -200.656012760752$



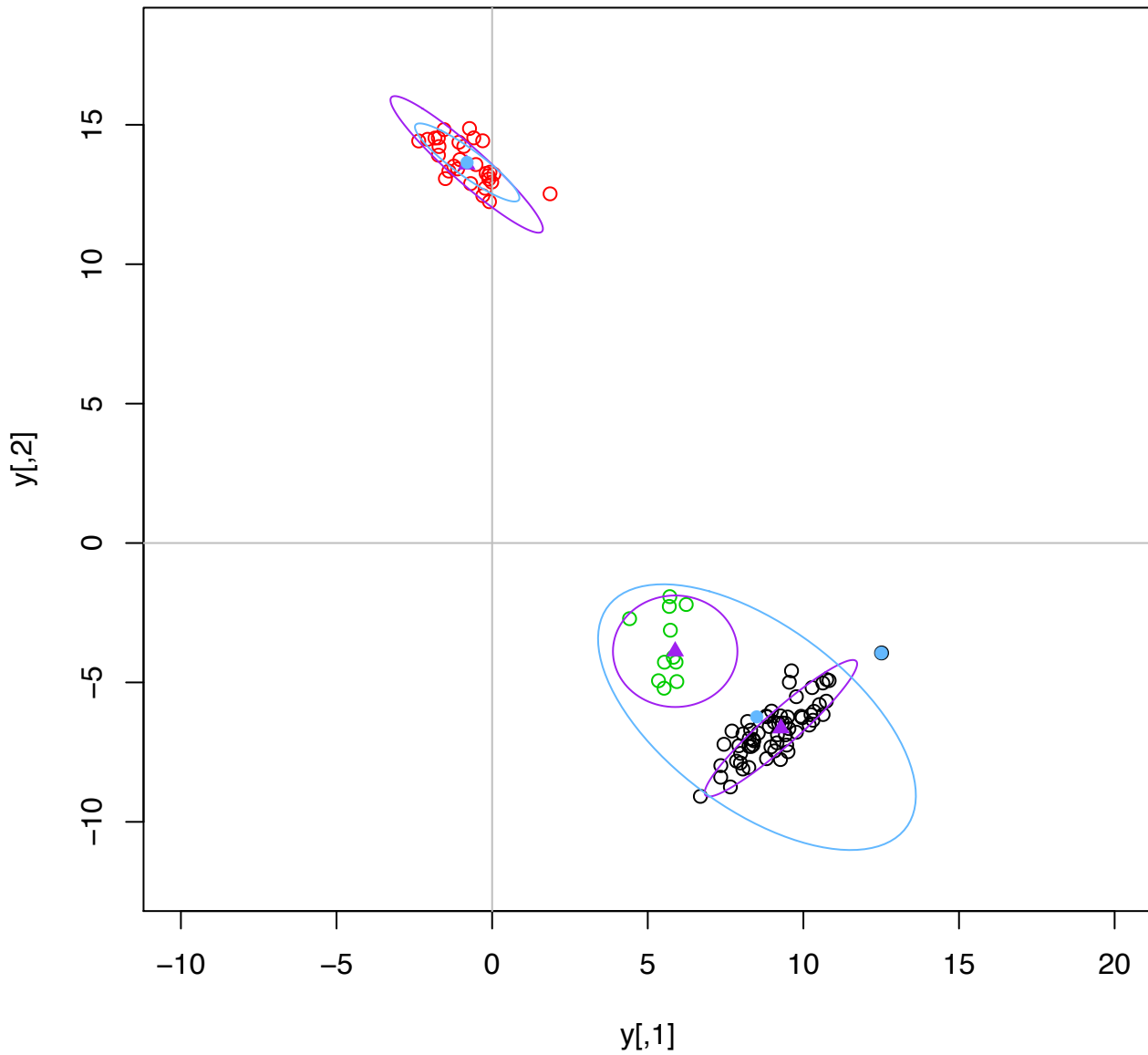
iteration #16: $Q = -200.664532463787$



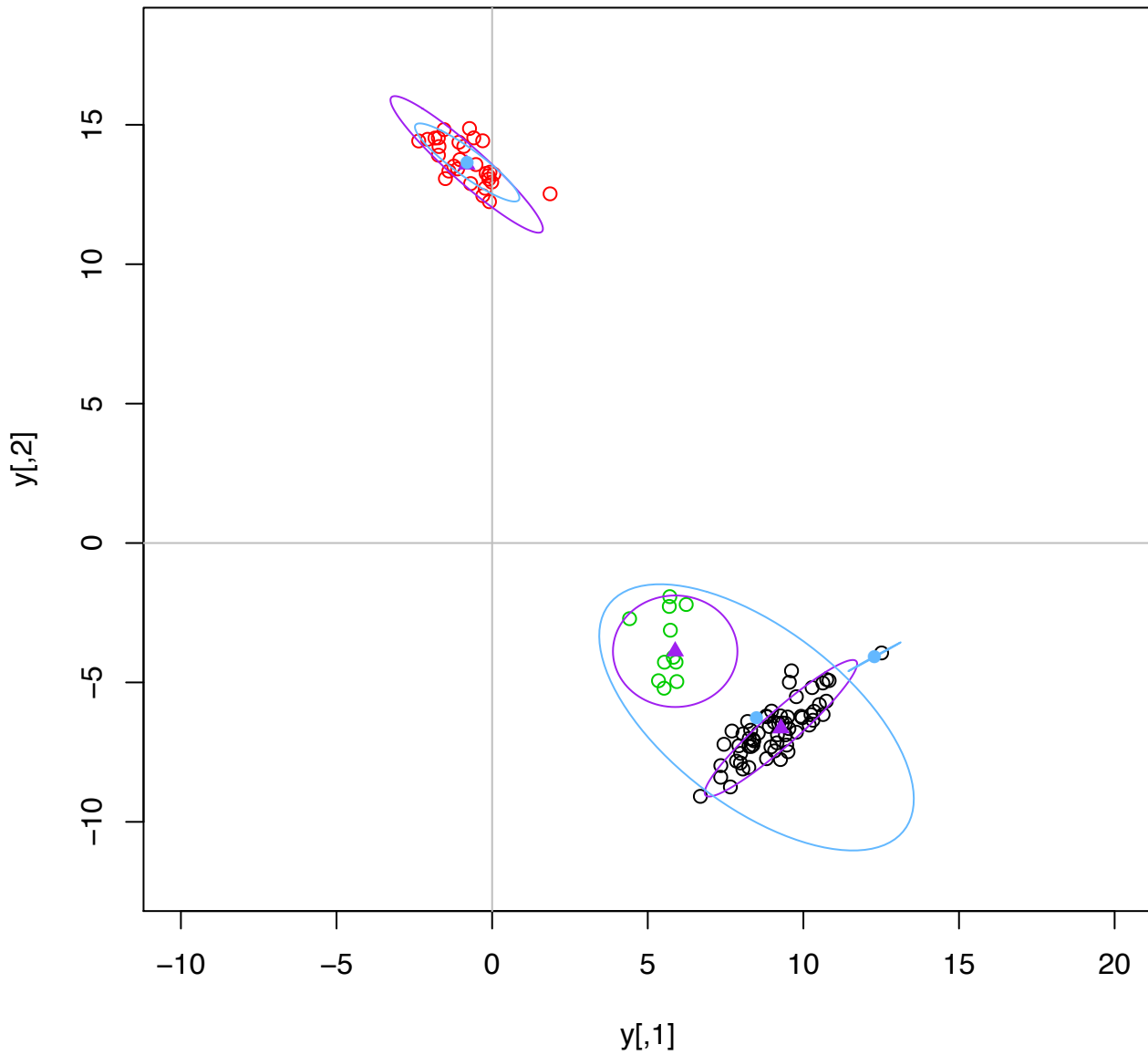
iteration #17: $Q = -200.352156018079$



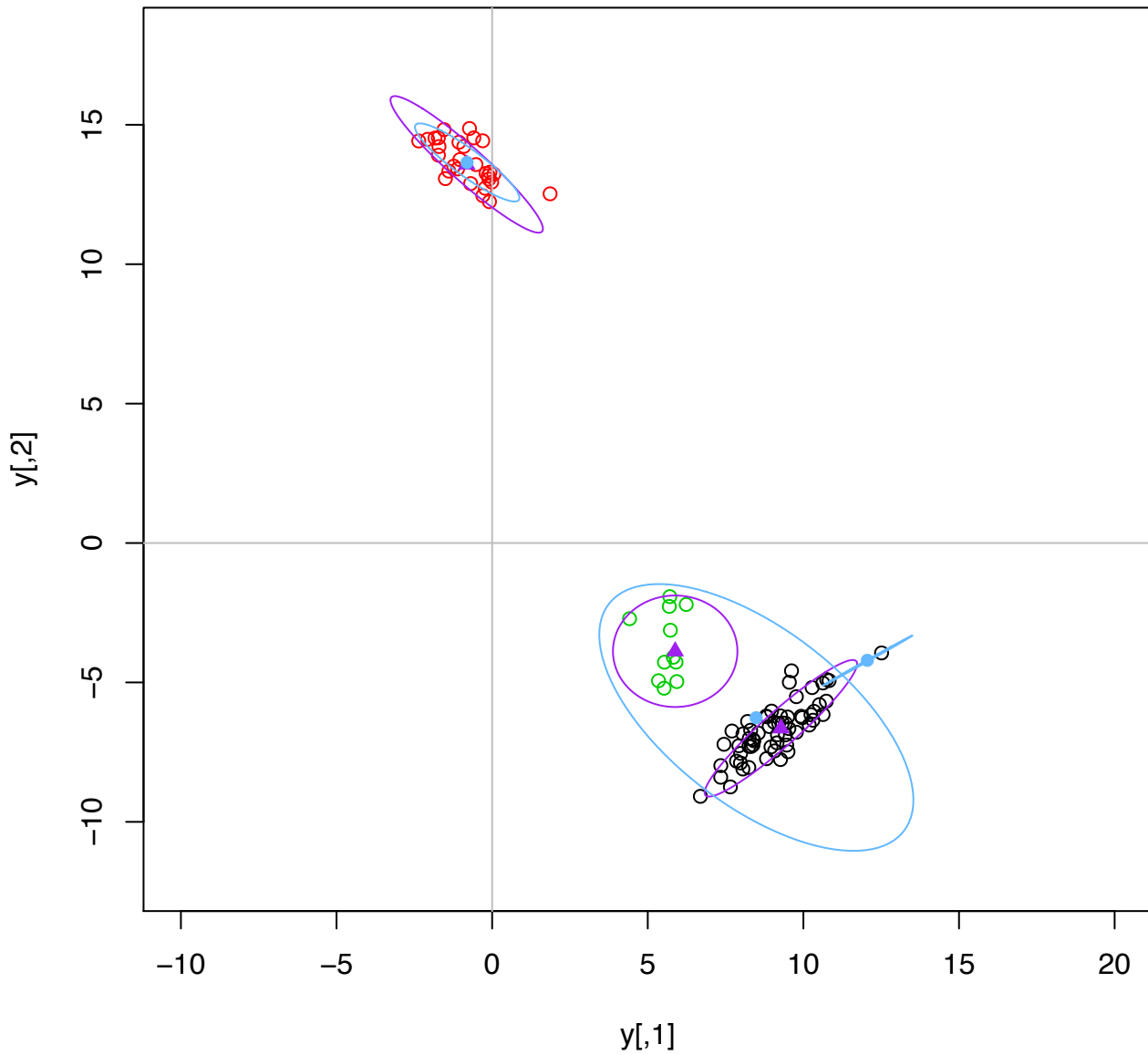
iteration #18: $Q = -265.117151614272$



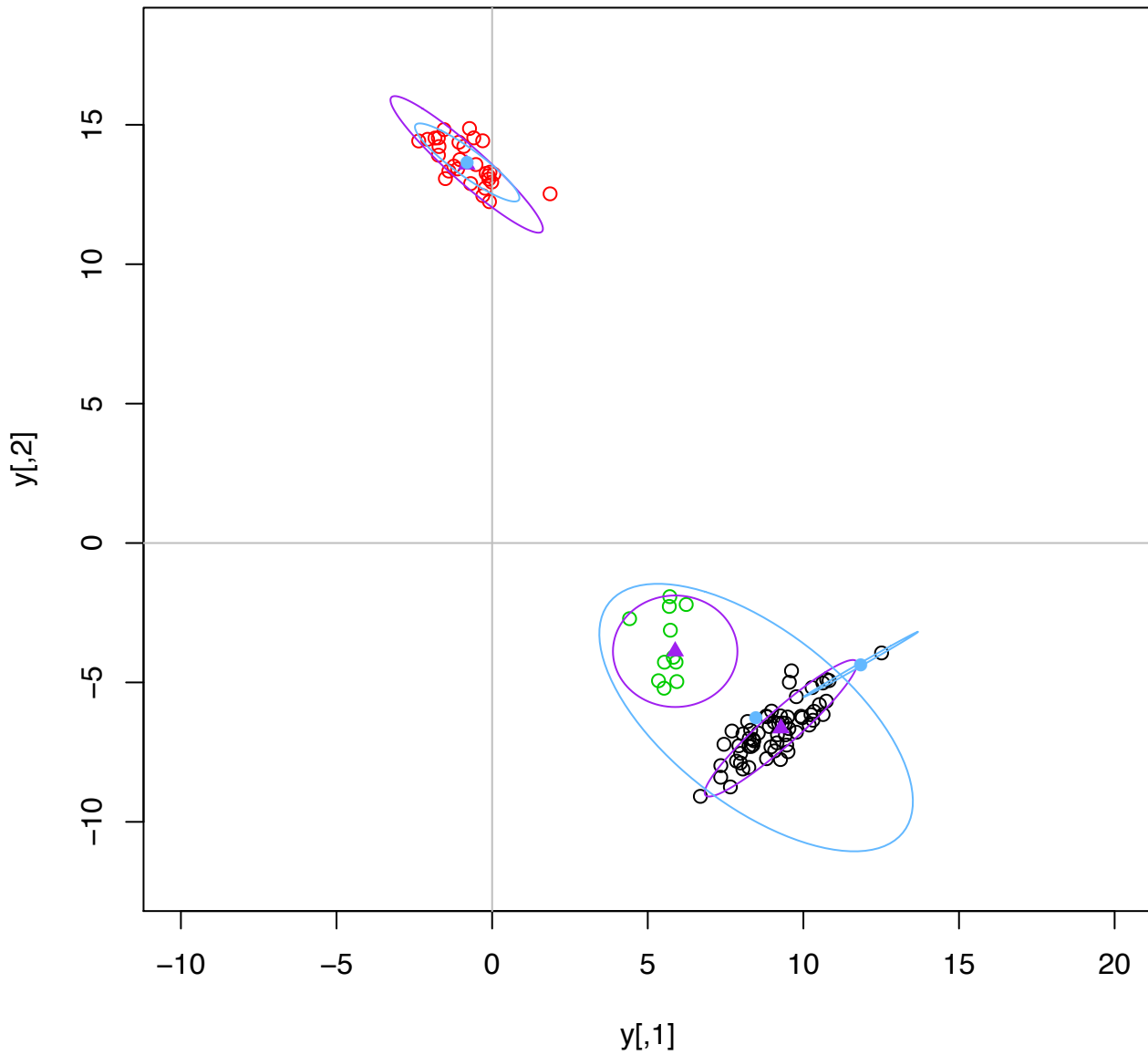
iteration #19: $Q = -198.449662570773$



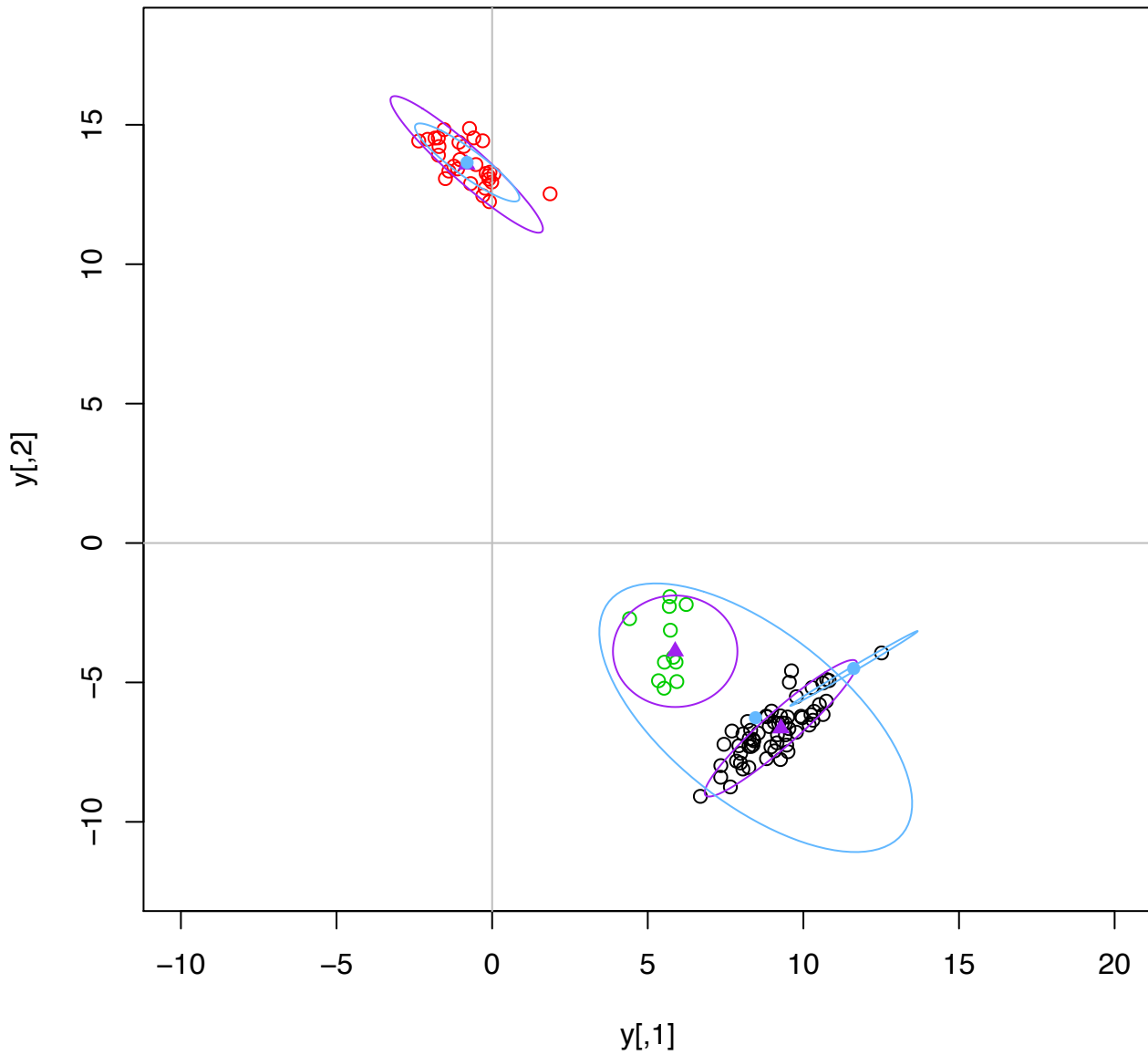
iteration #20: $Q = -198.795208723426$



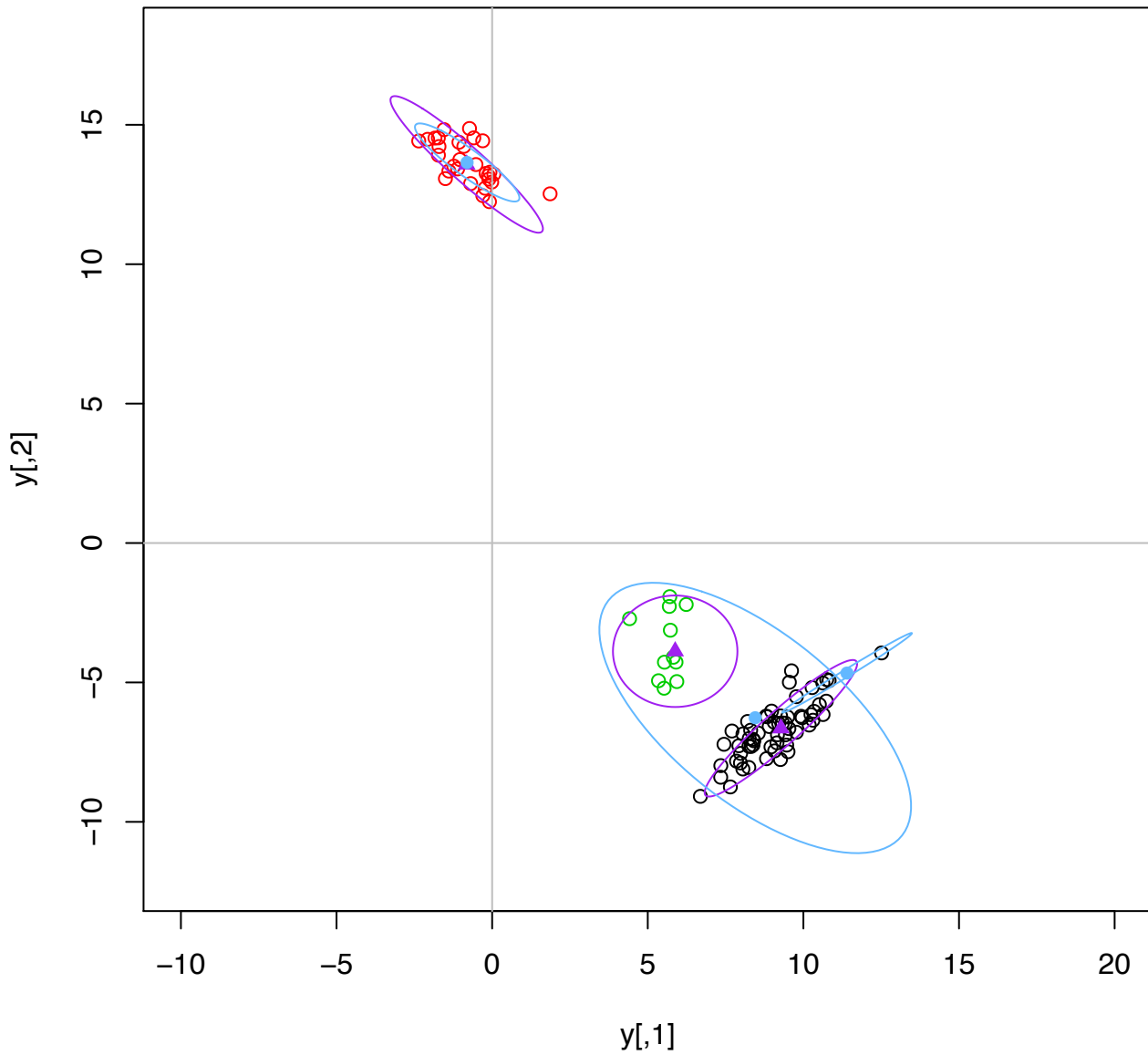
iteration #21: $Q = -199.415326326685$



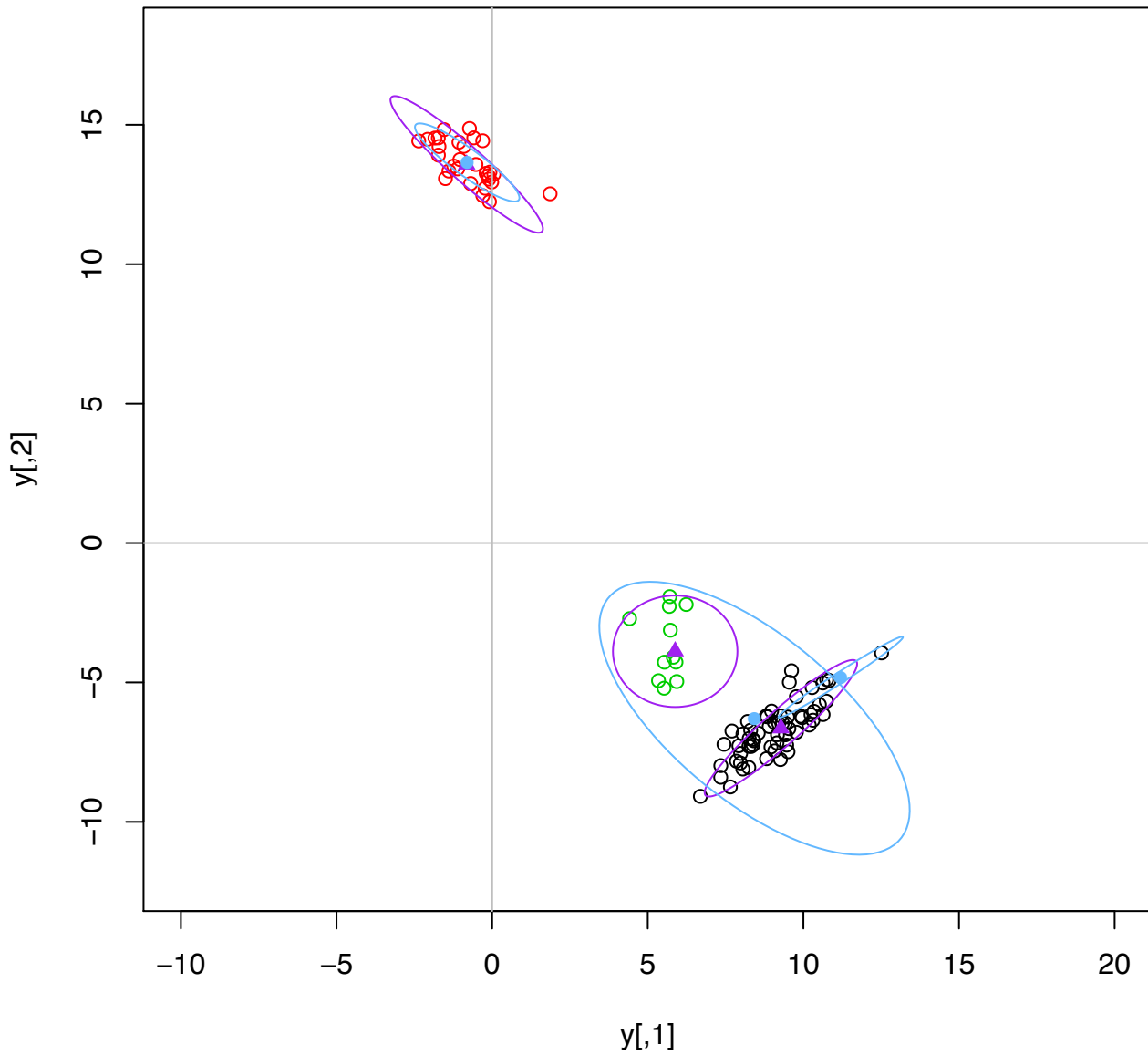
iteration #22: $Q = -200.187920815352$



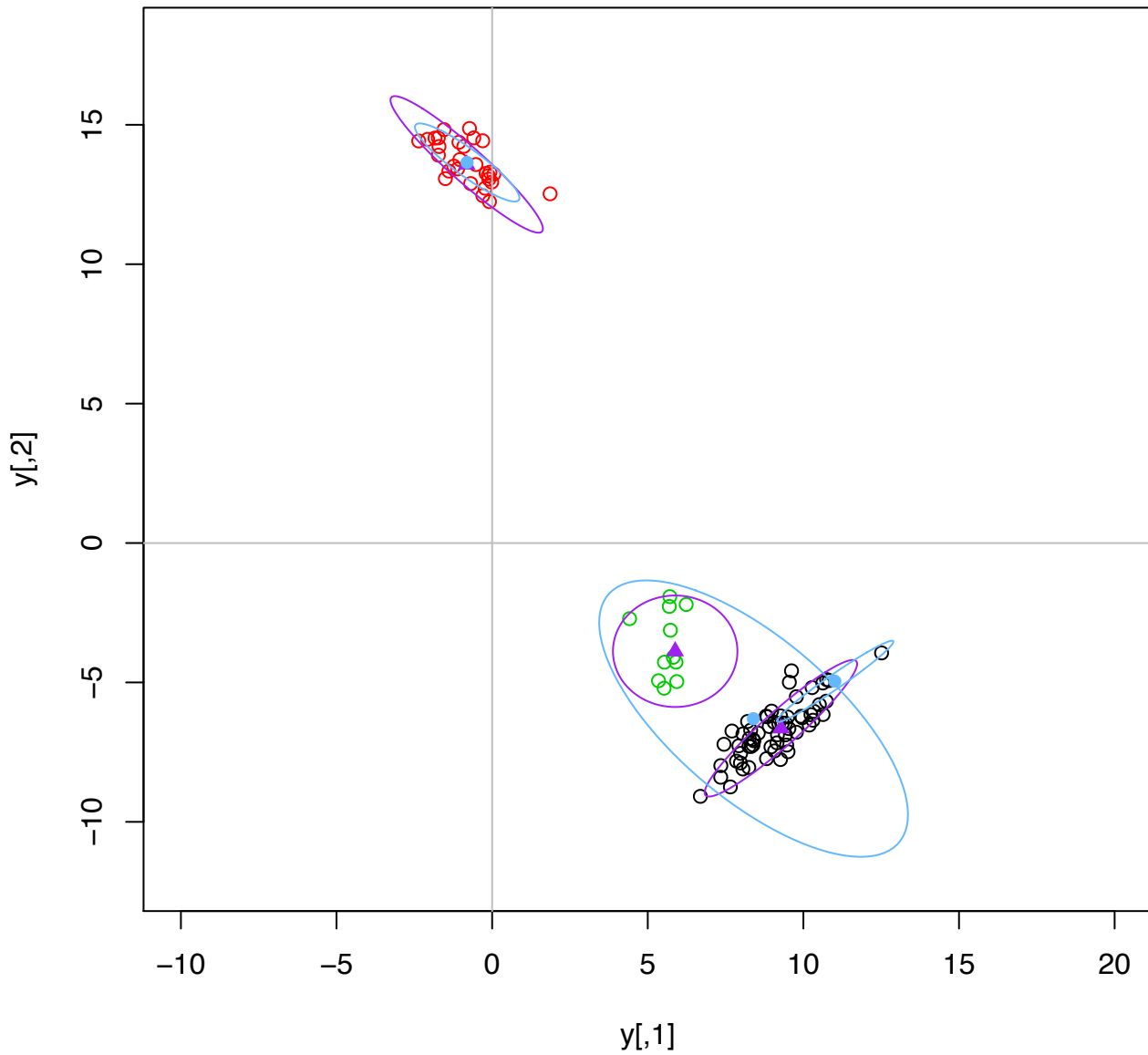
iteration #23: $Q = -201.074248722098$



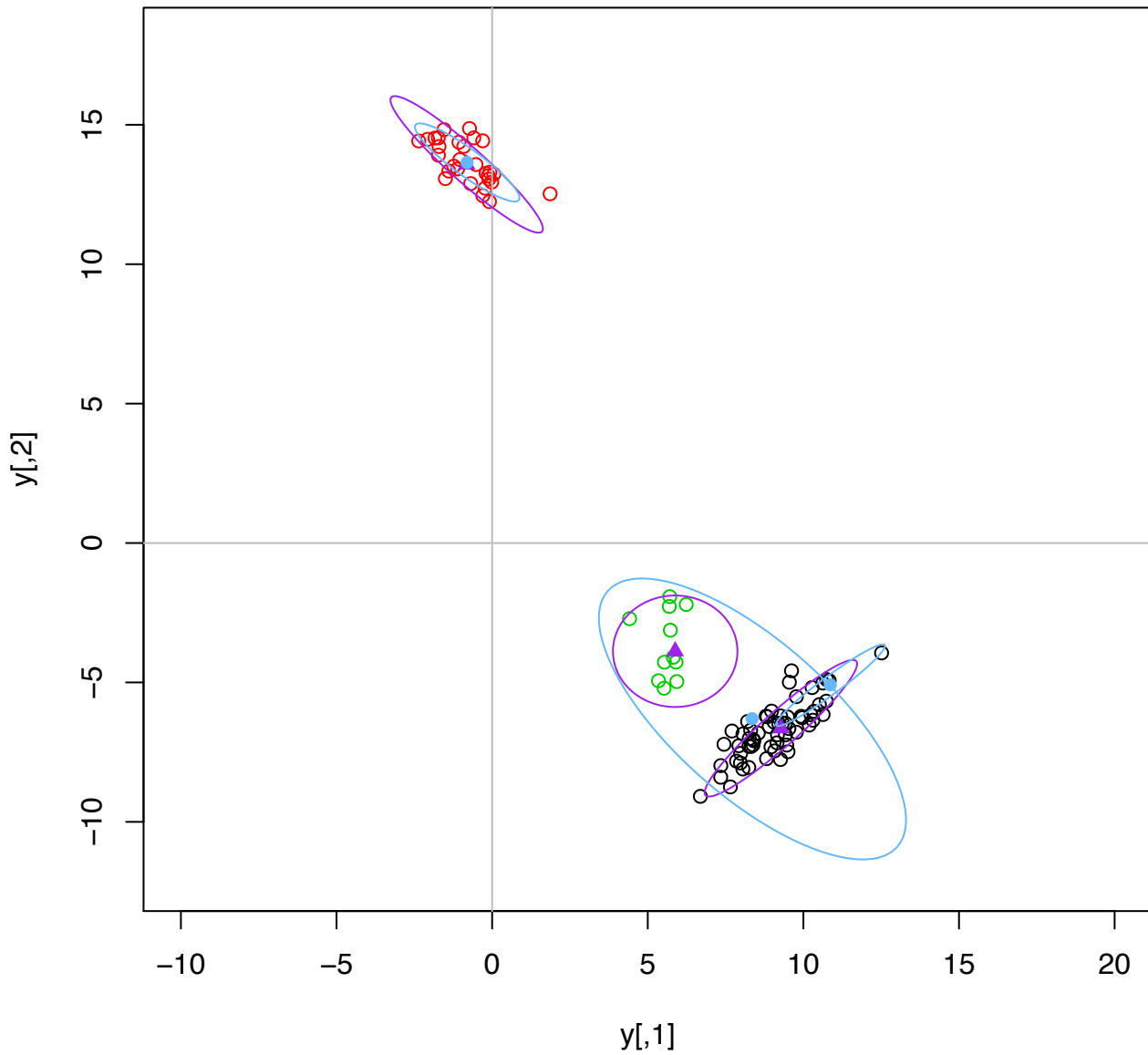
iteration #24: $Q = -201.98970767207$



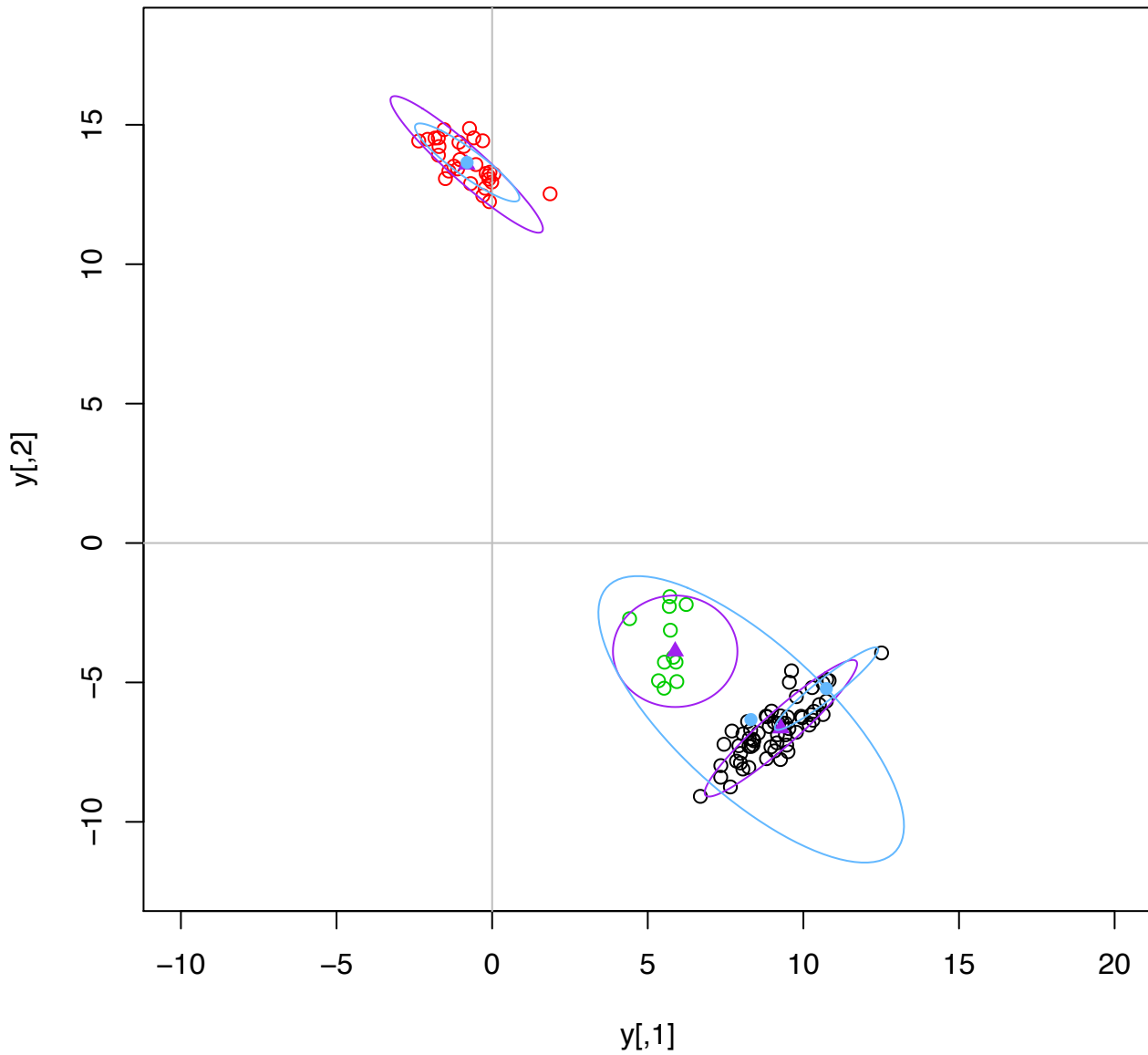
iteration #25: $Q = -202.837211563994$



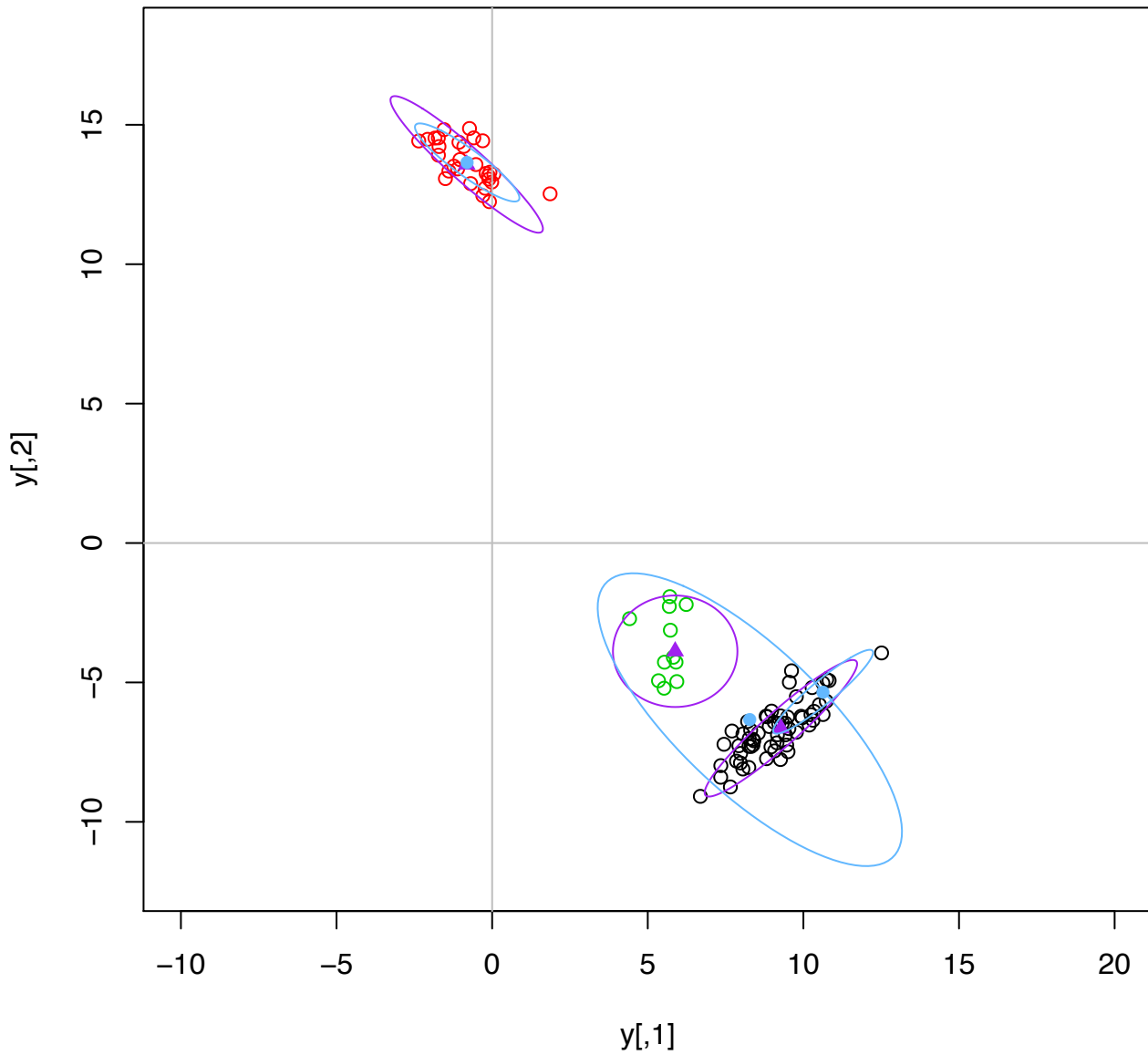
iteration #26: $Q = -203.541271760496$



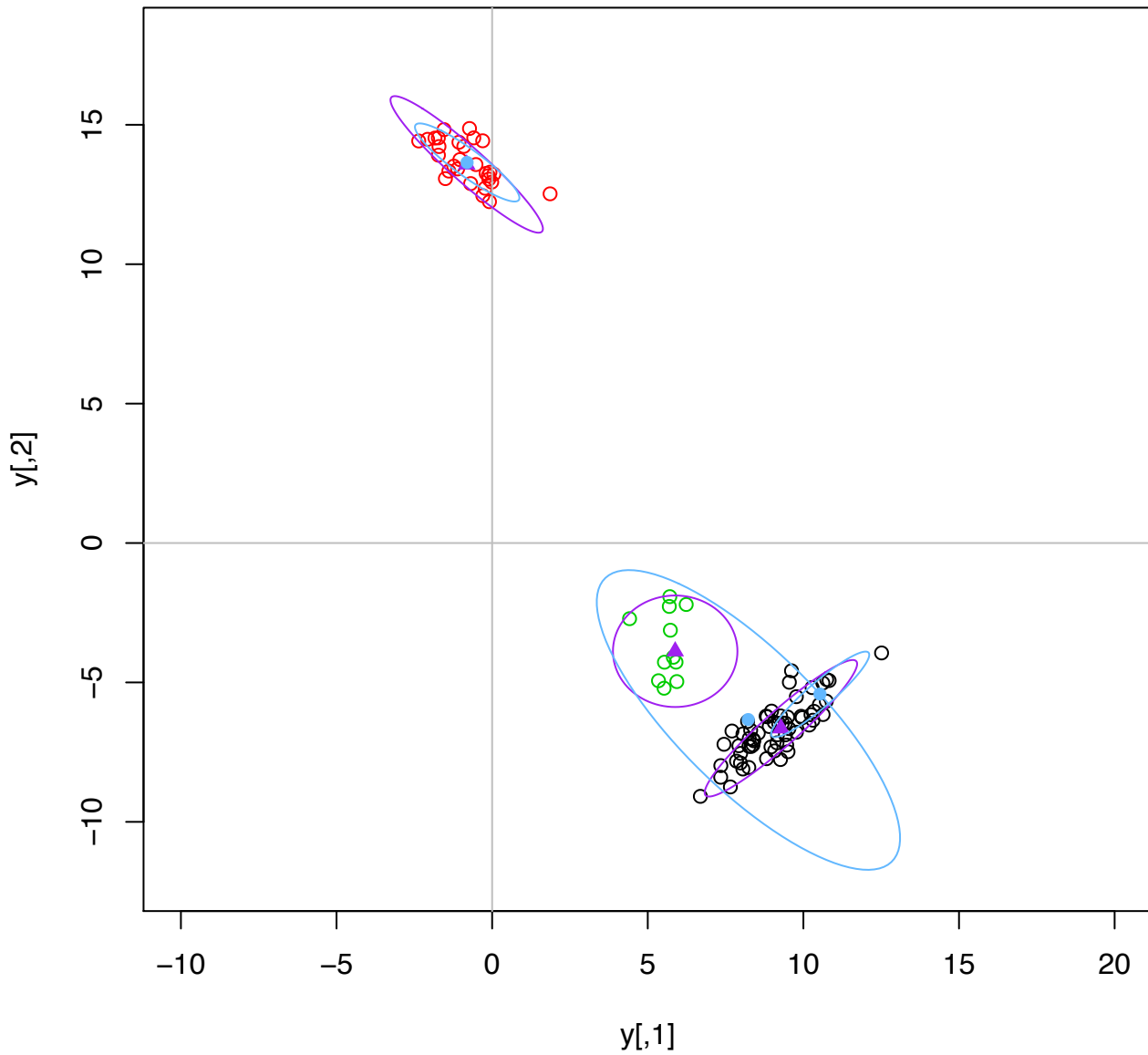
iteration #27: $Q = -204.059828241975$



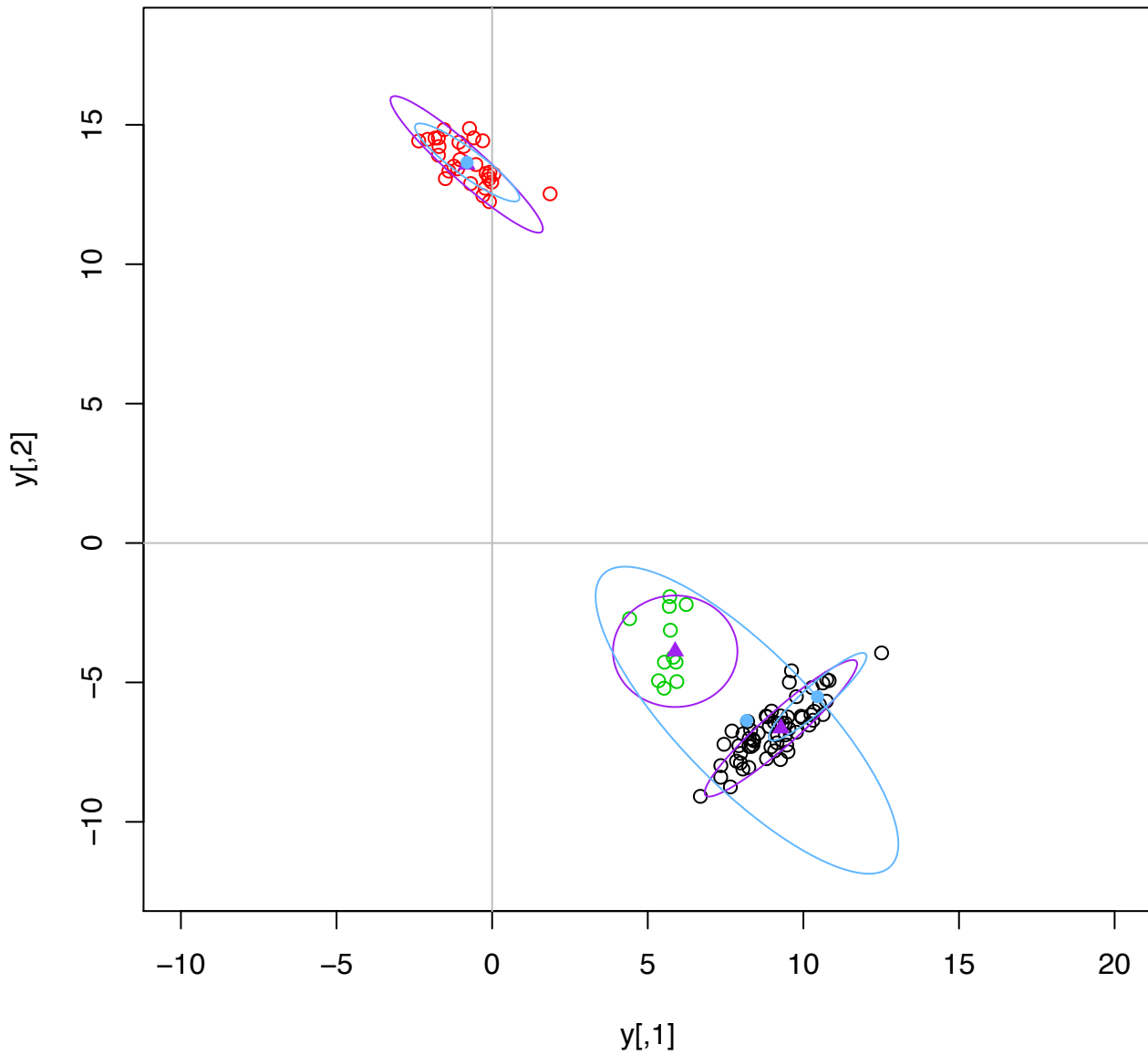
iteration #28: $Q = -204.390120512378$



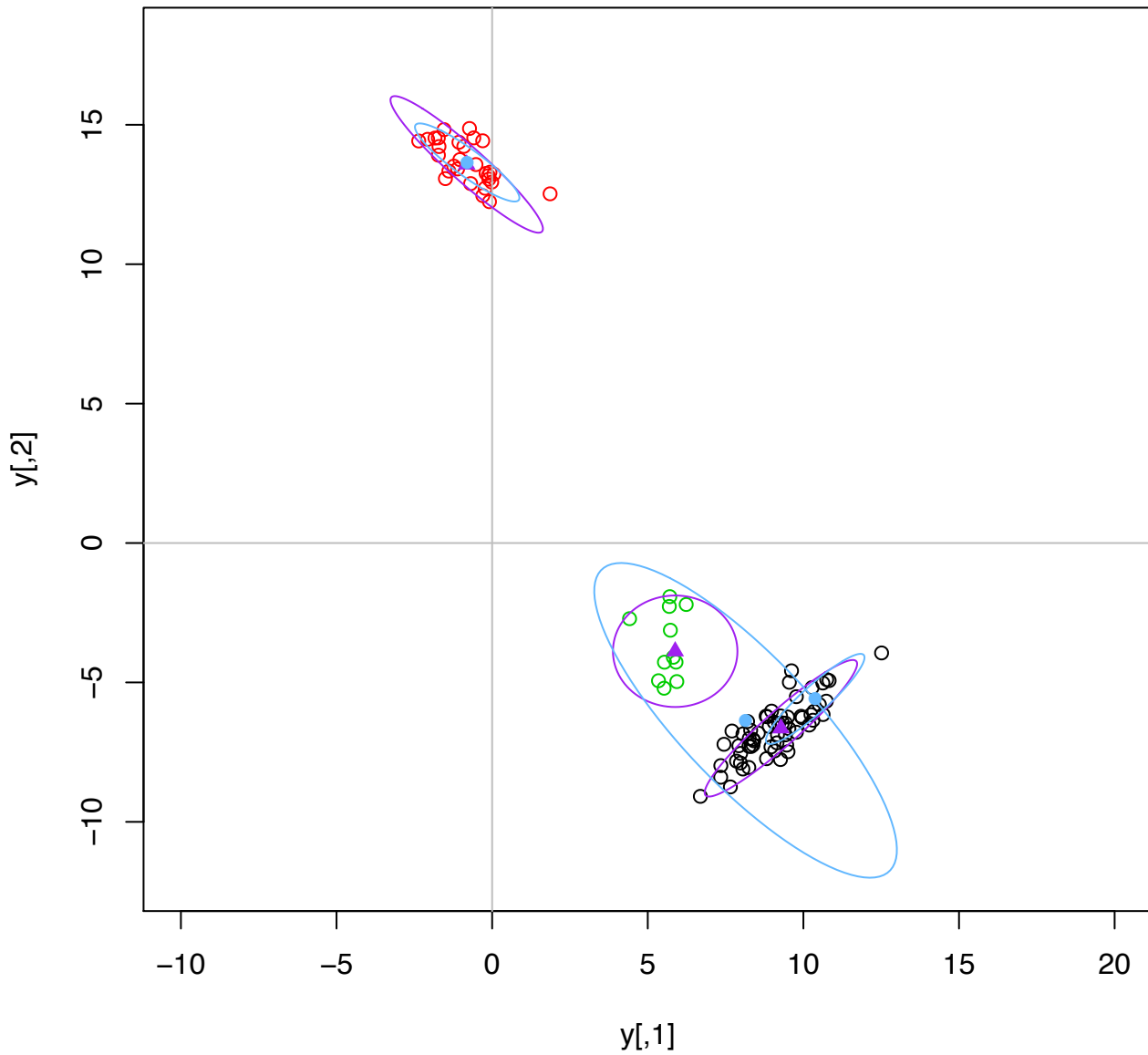
iteration #29: $Q = -204.560285944458$



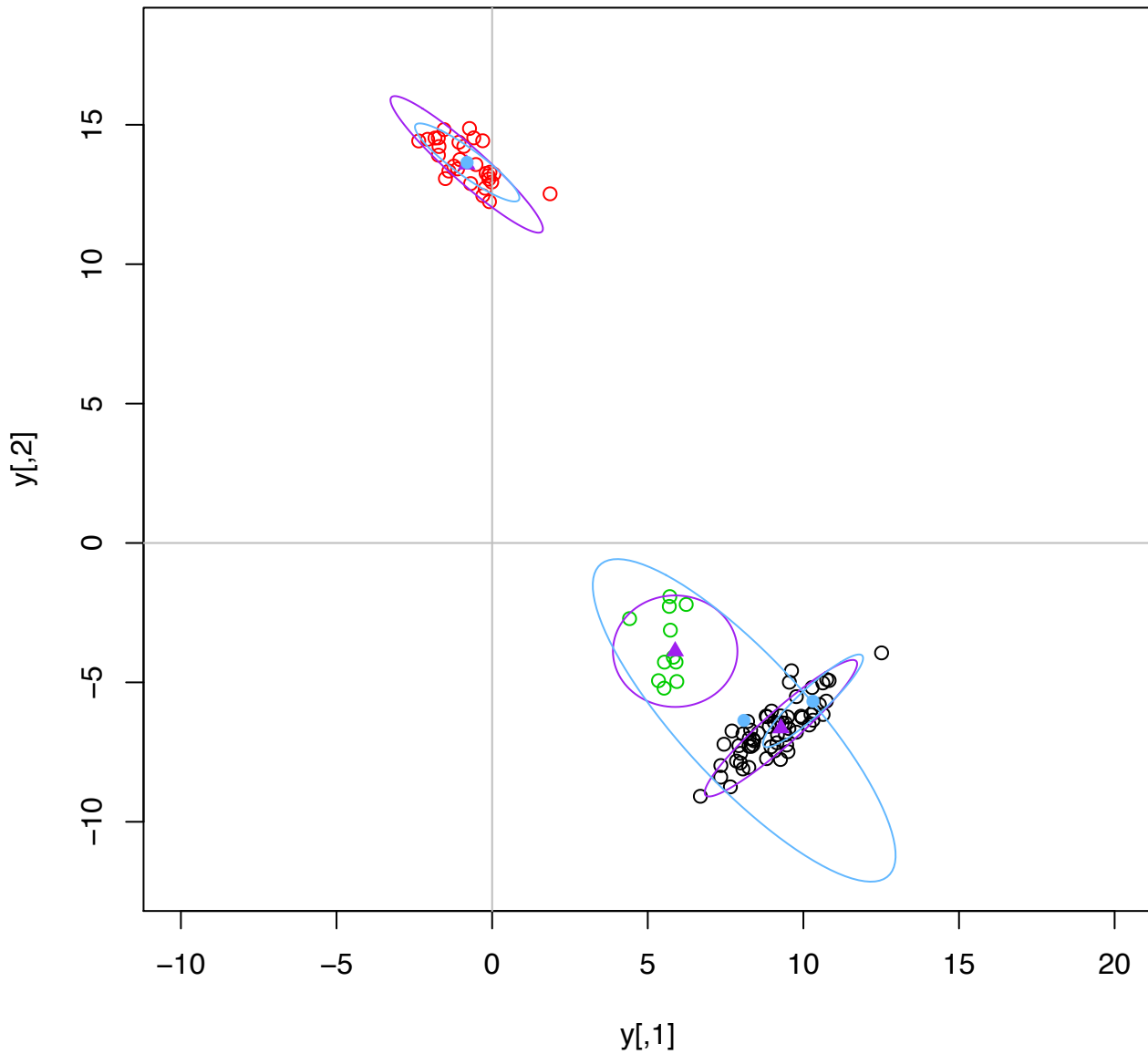
iteration #30: $Q = -204.609629704081$



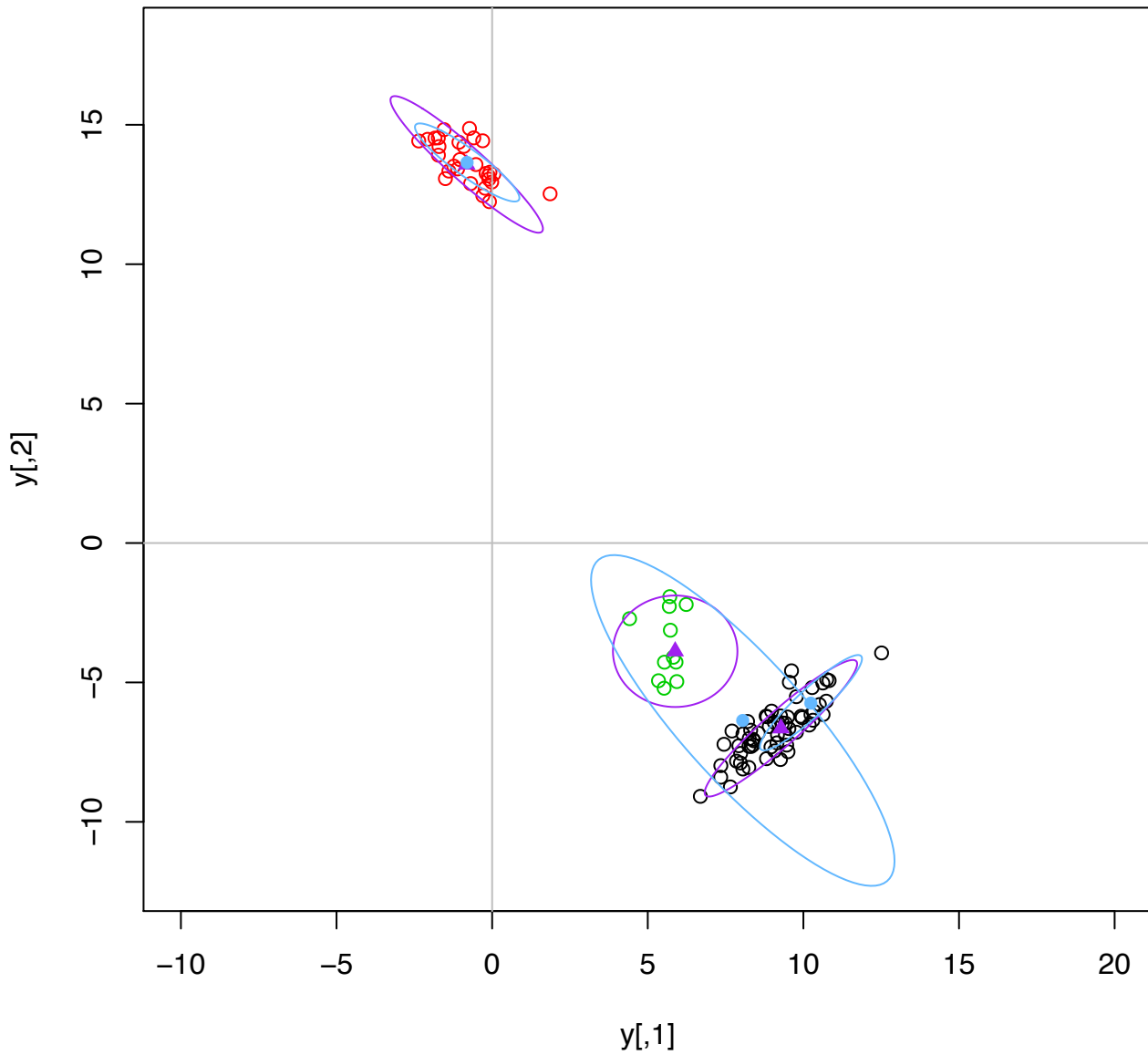
iteration #31: $Q = -204.570116157682$



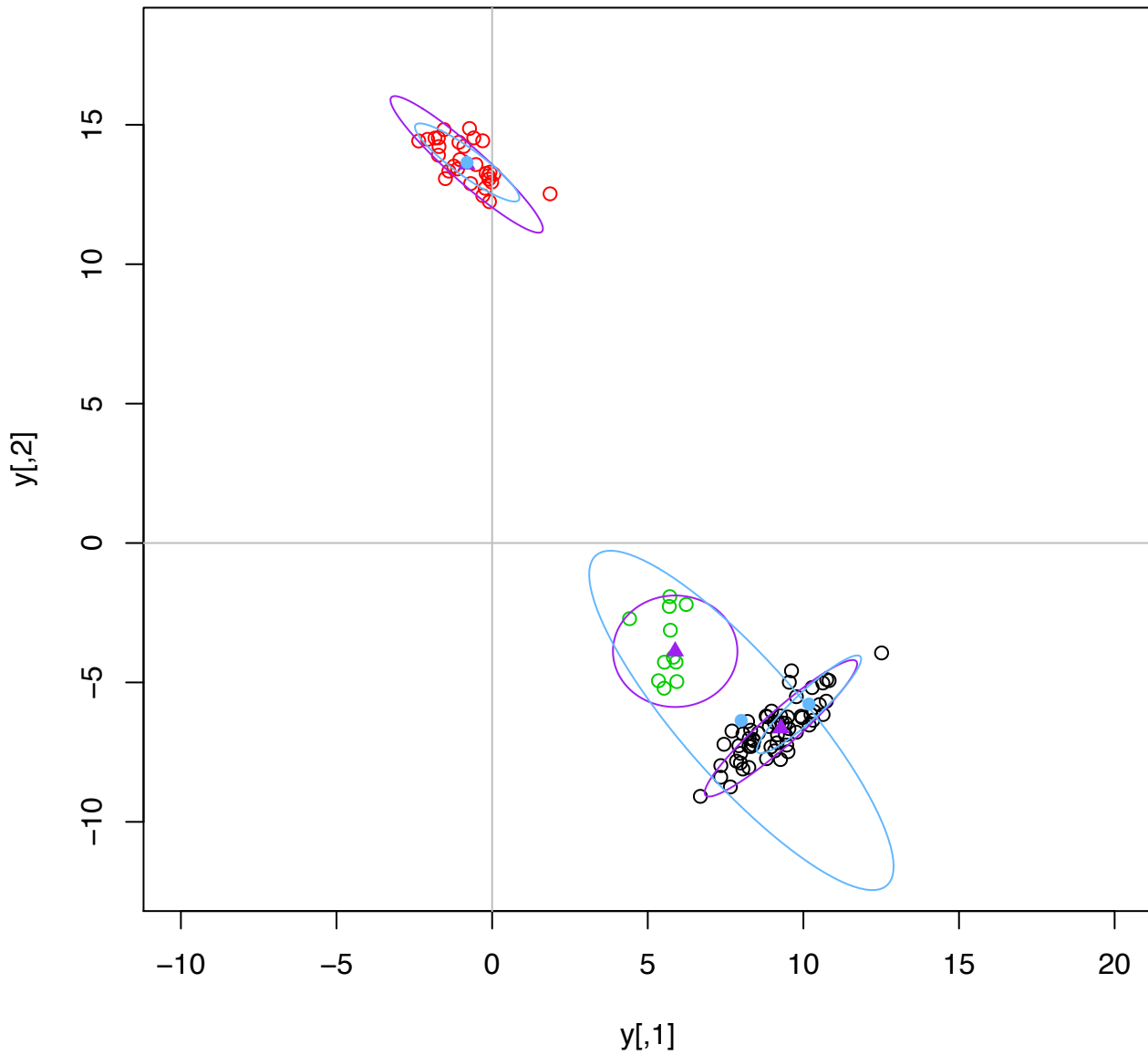
iteration #32: $Q = -204.456688411068$



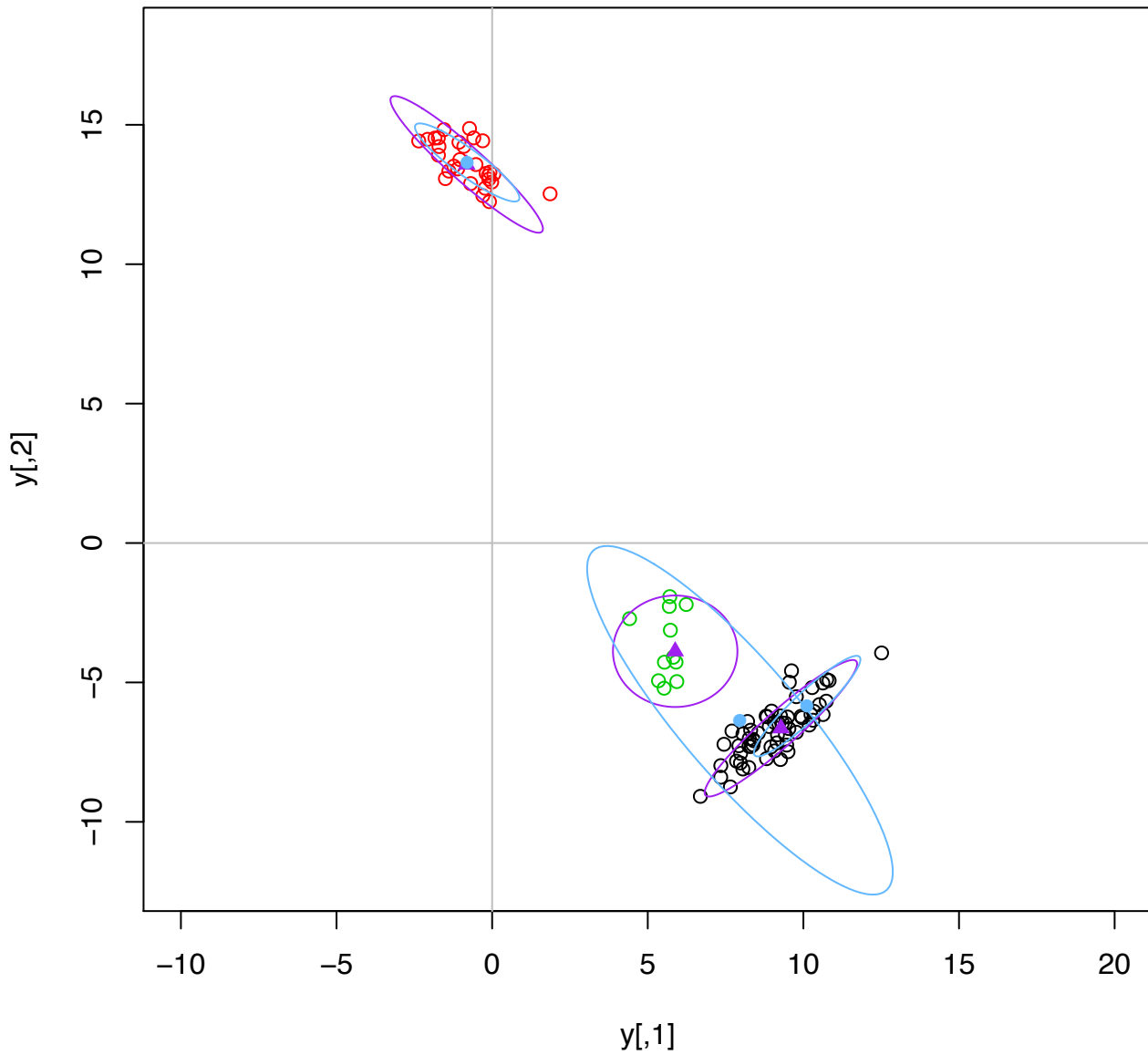
iteration #33: $Q = -204.265824976627$



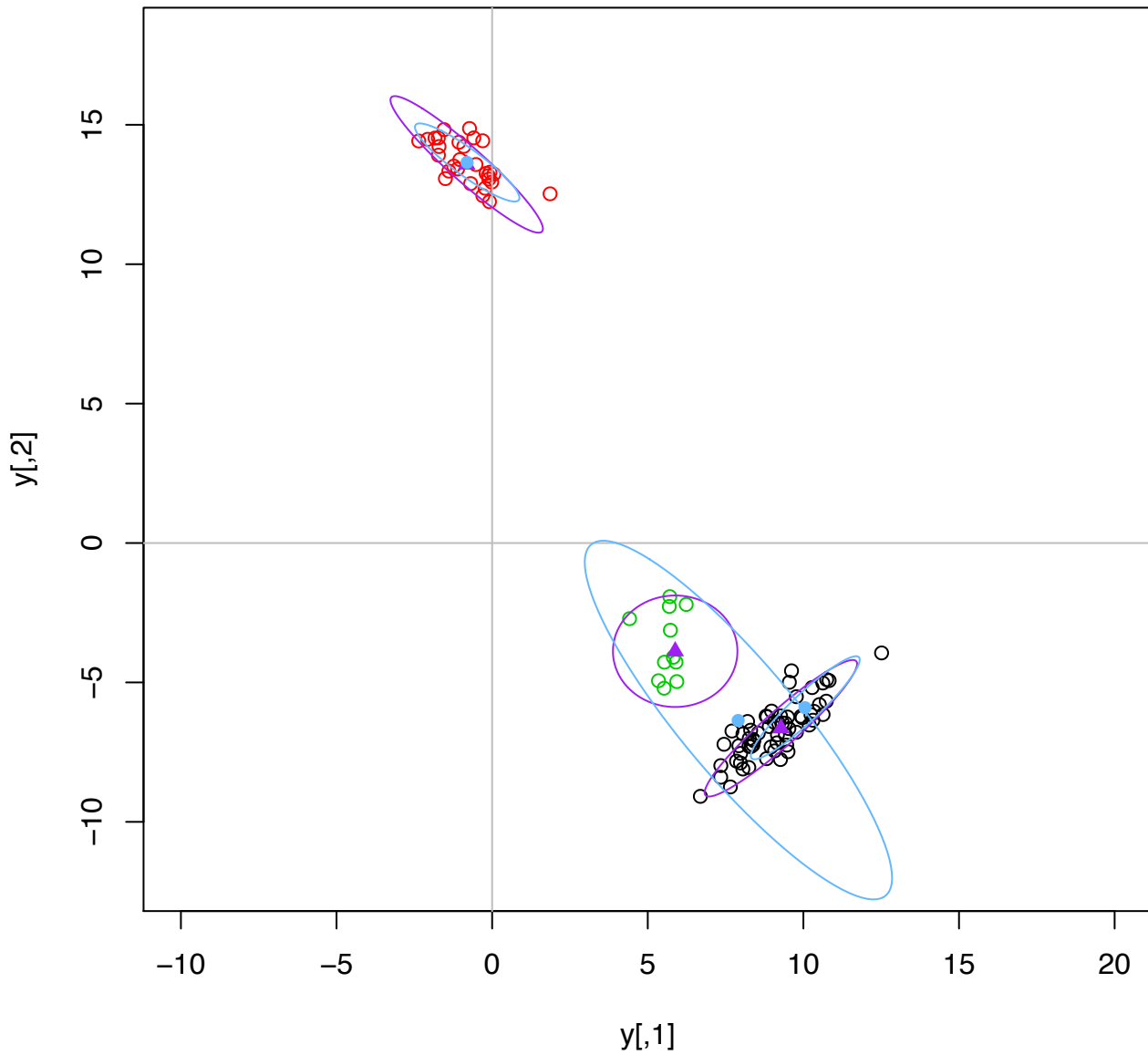
iteration #34: $Q = -203.977617986917$



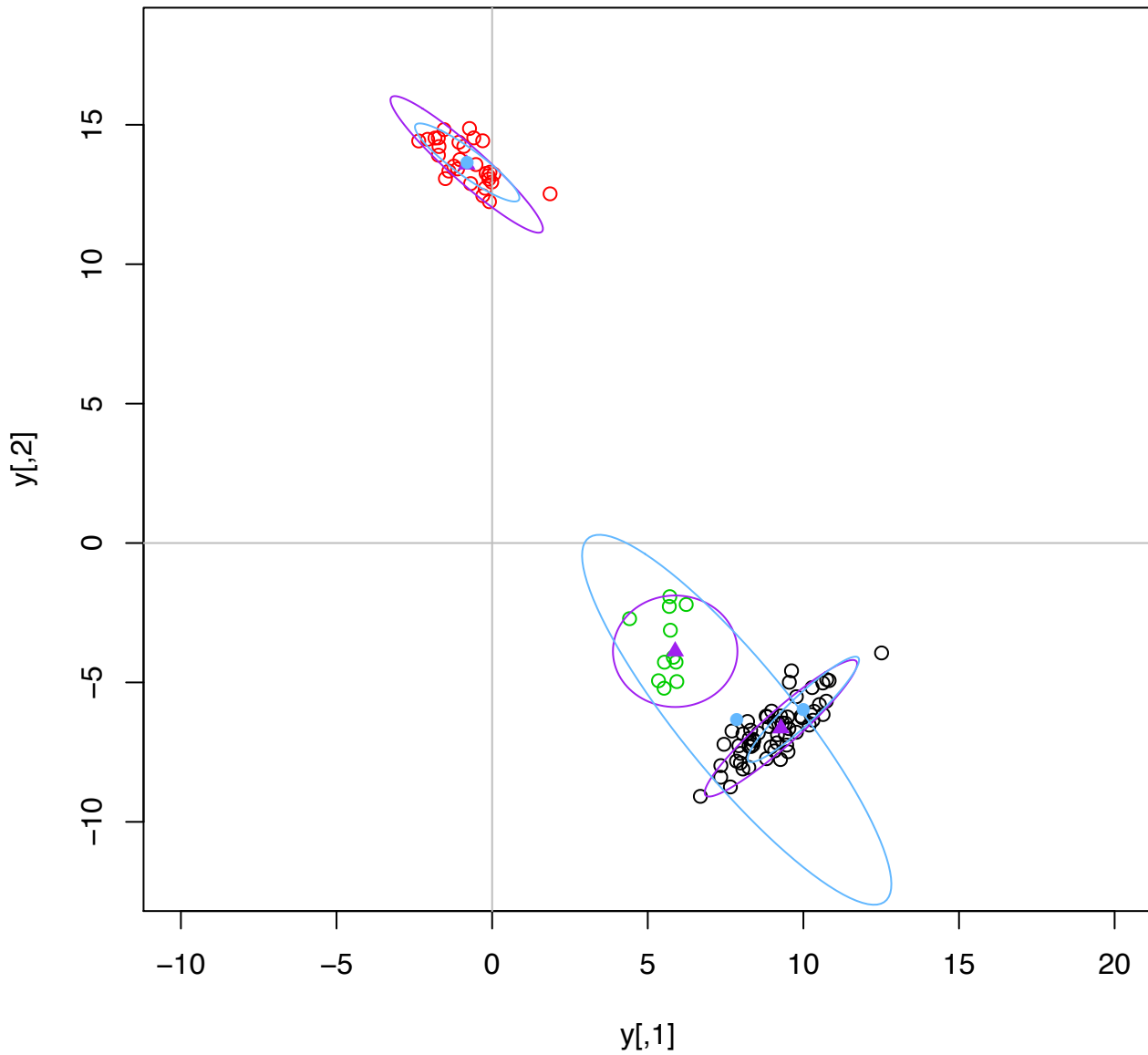
iteration #35: $Q = -203.557314285168$



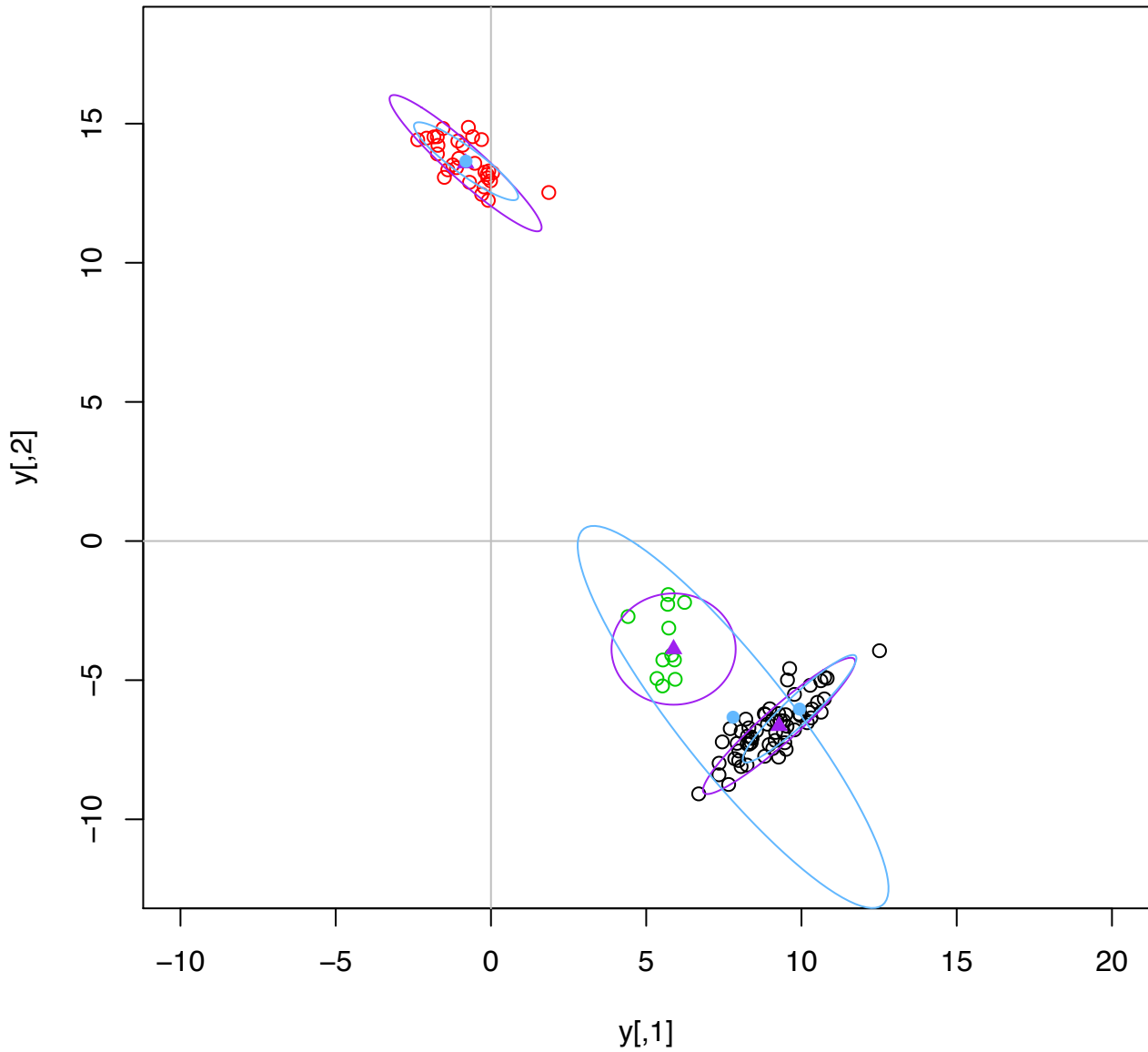
iteration #36: $Q = -202.954588888024$



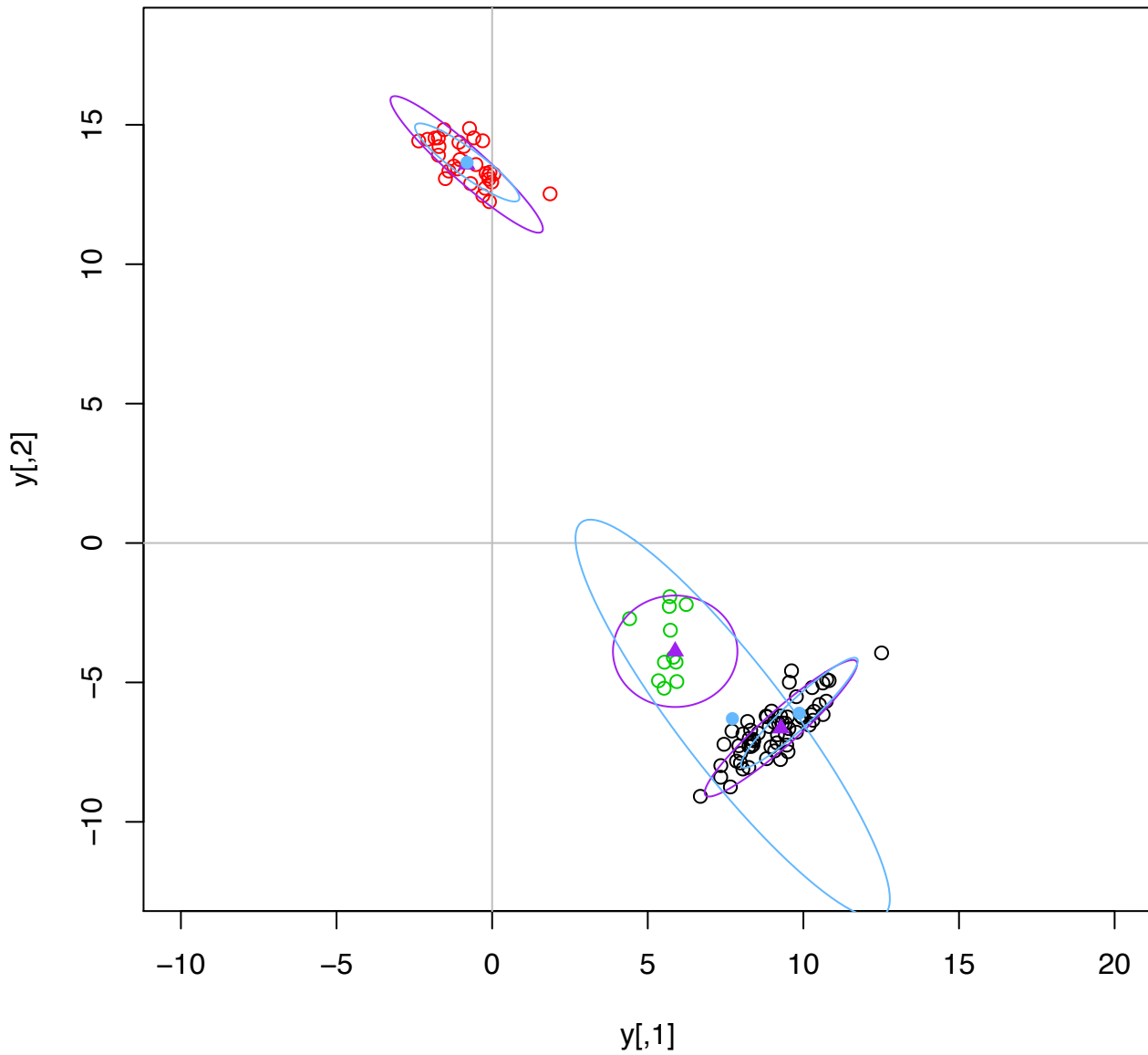
iteration #37: $Q = -202.100465505002$



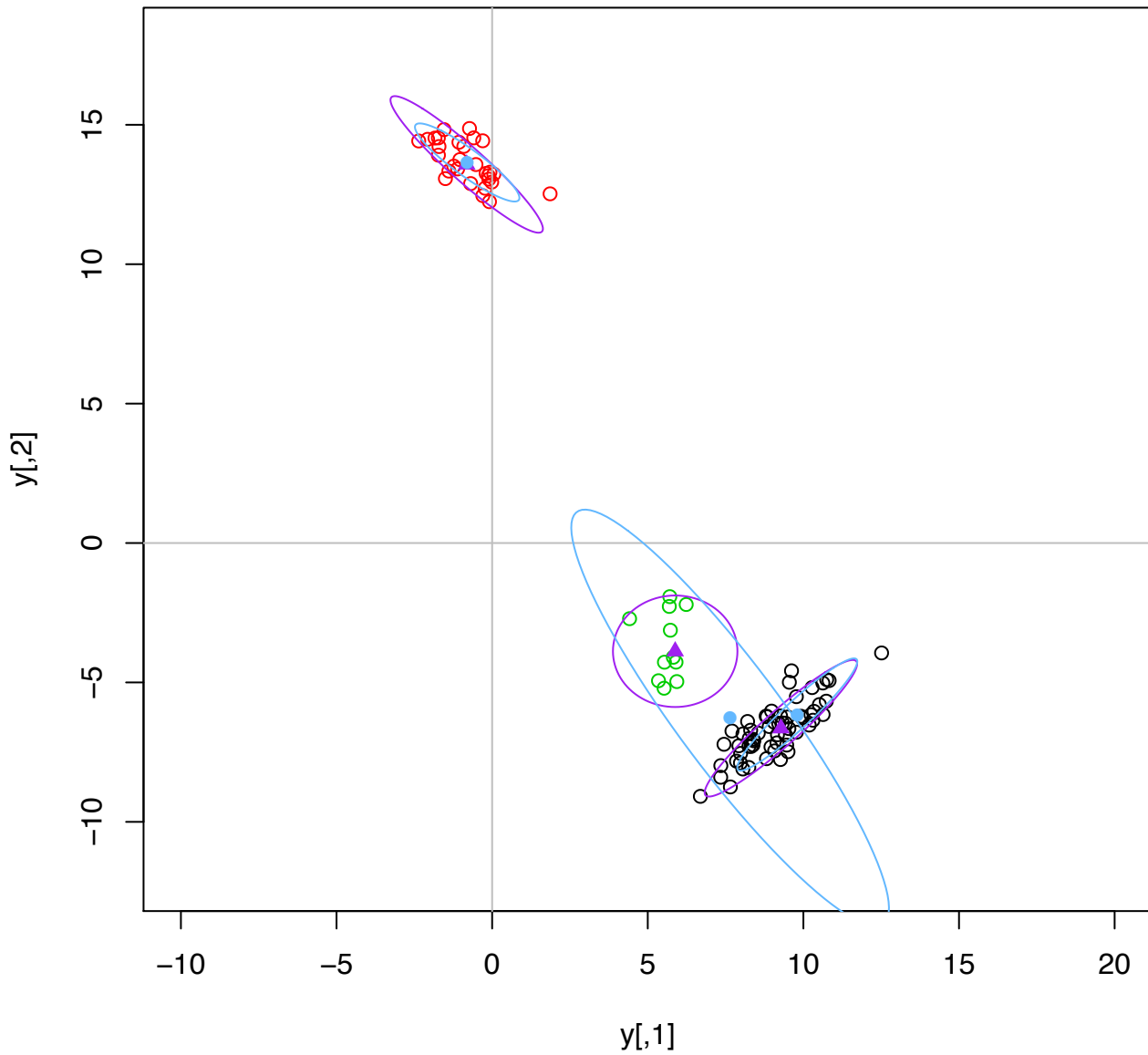
iteration #38: $Q = -200.902320921215$



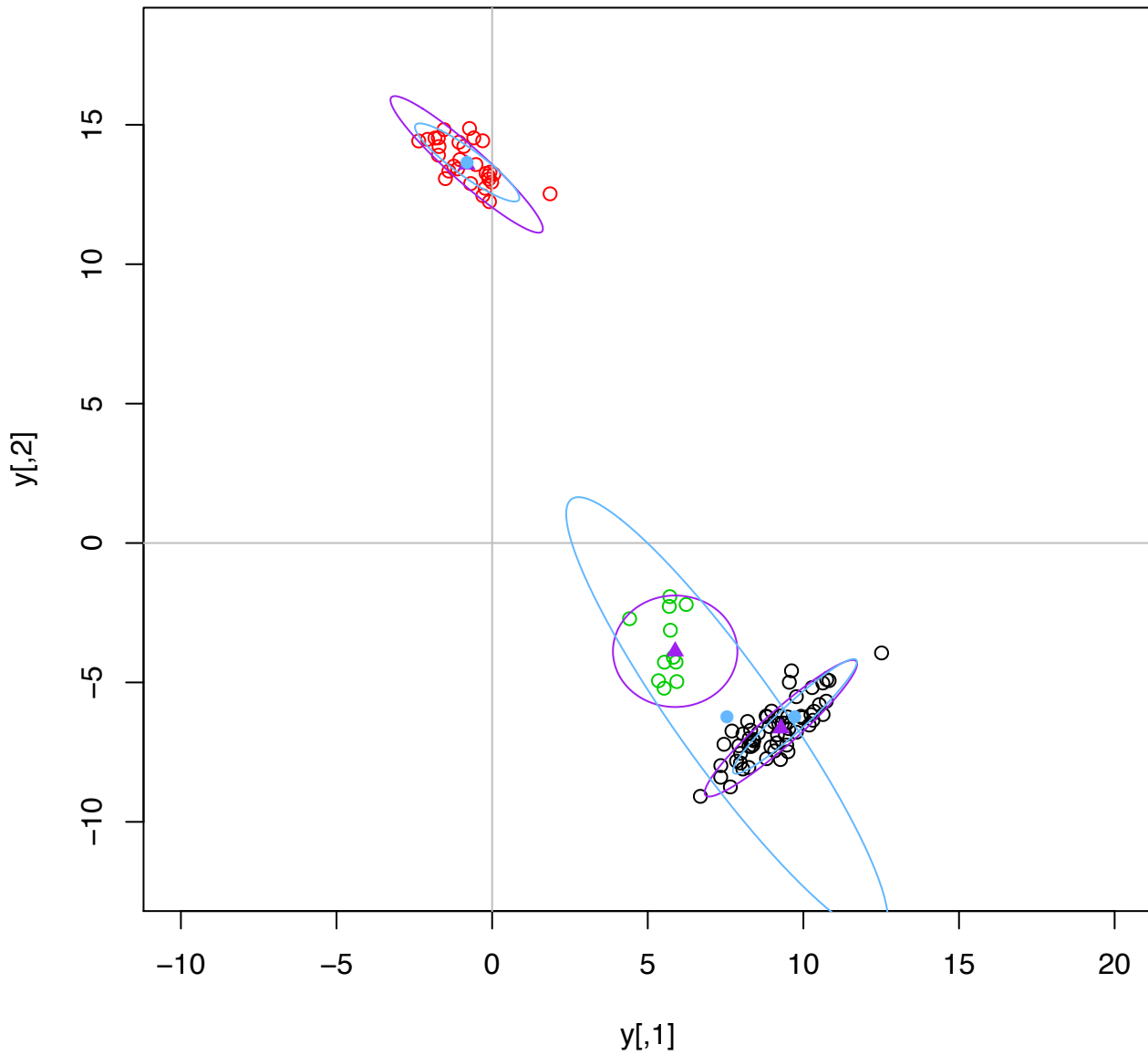
iteration #39: $Q = -199.236765866866$



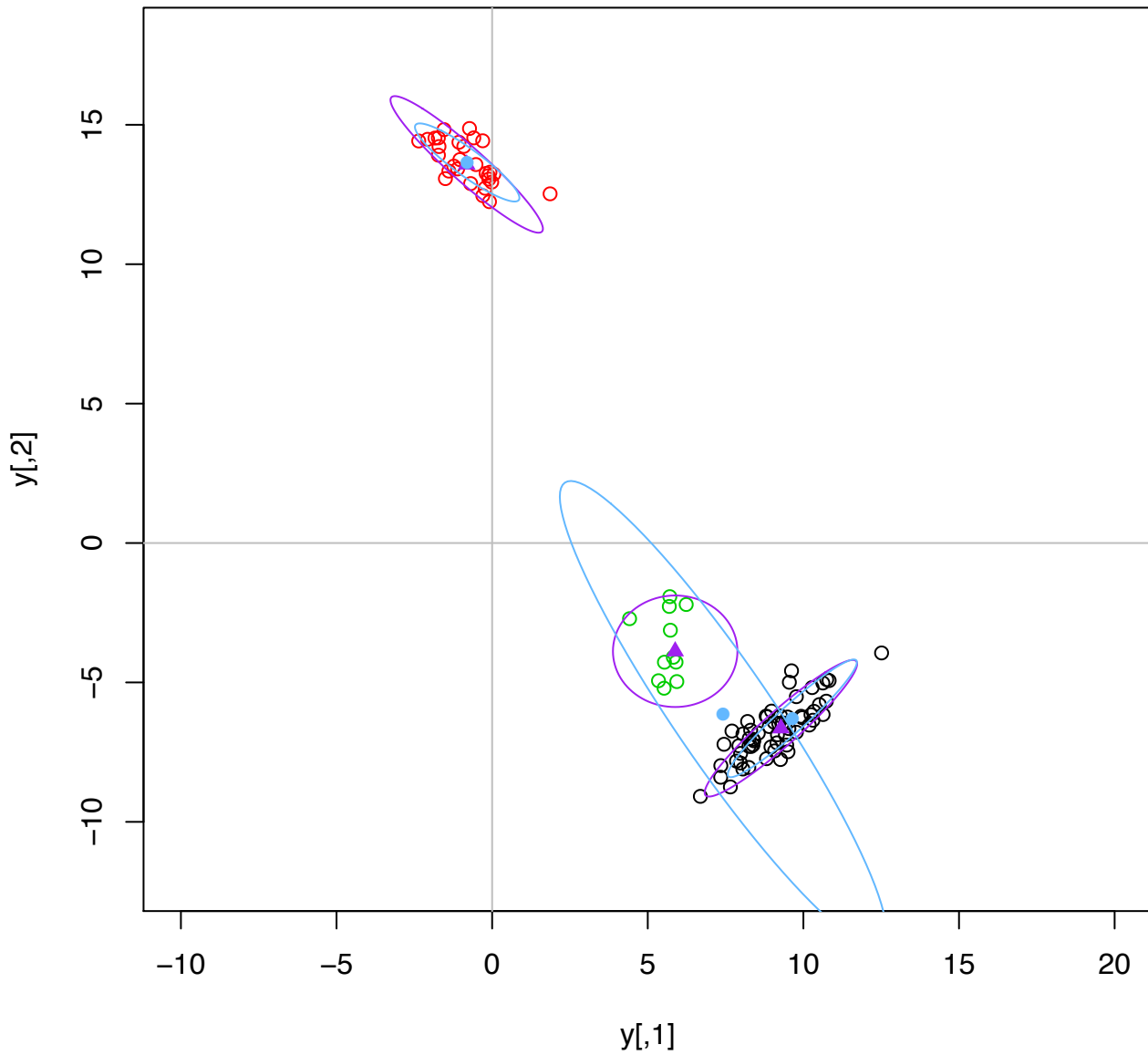
iteration #40: $Q = -196.936740575427$



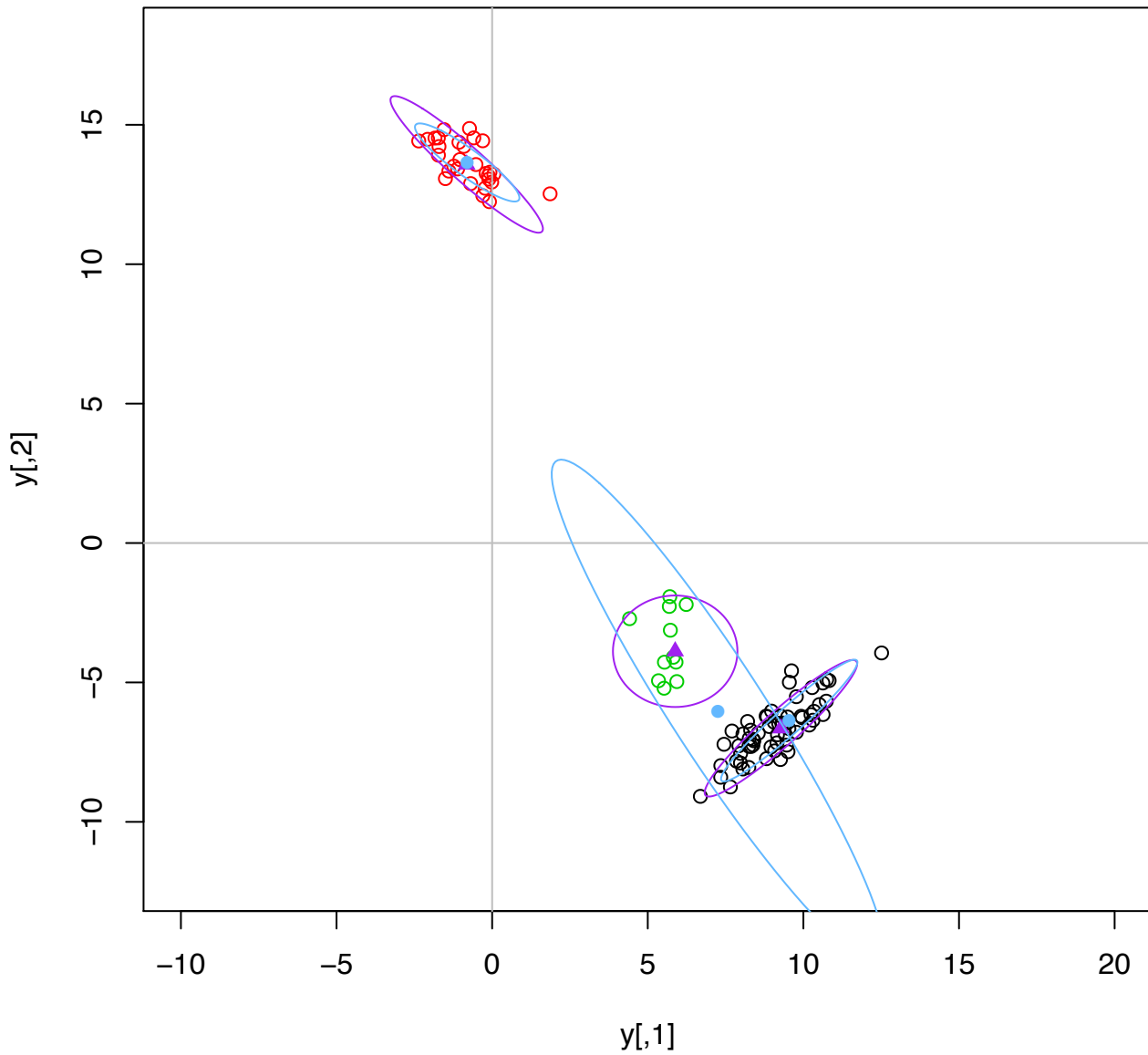
iteration #41: $Q = -193.756861439087$



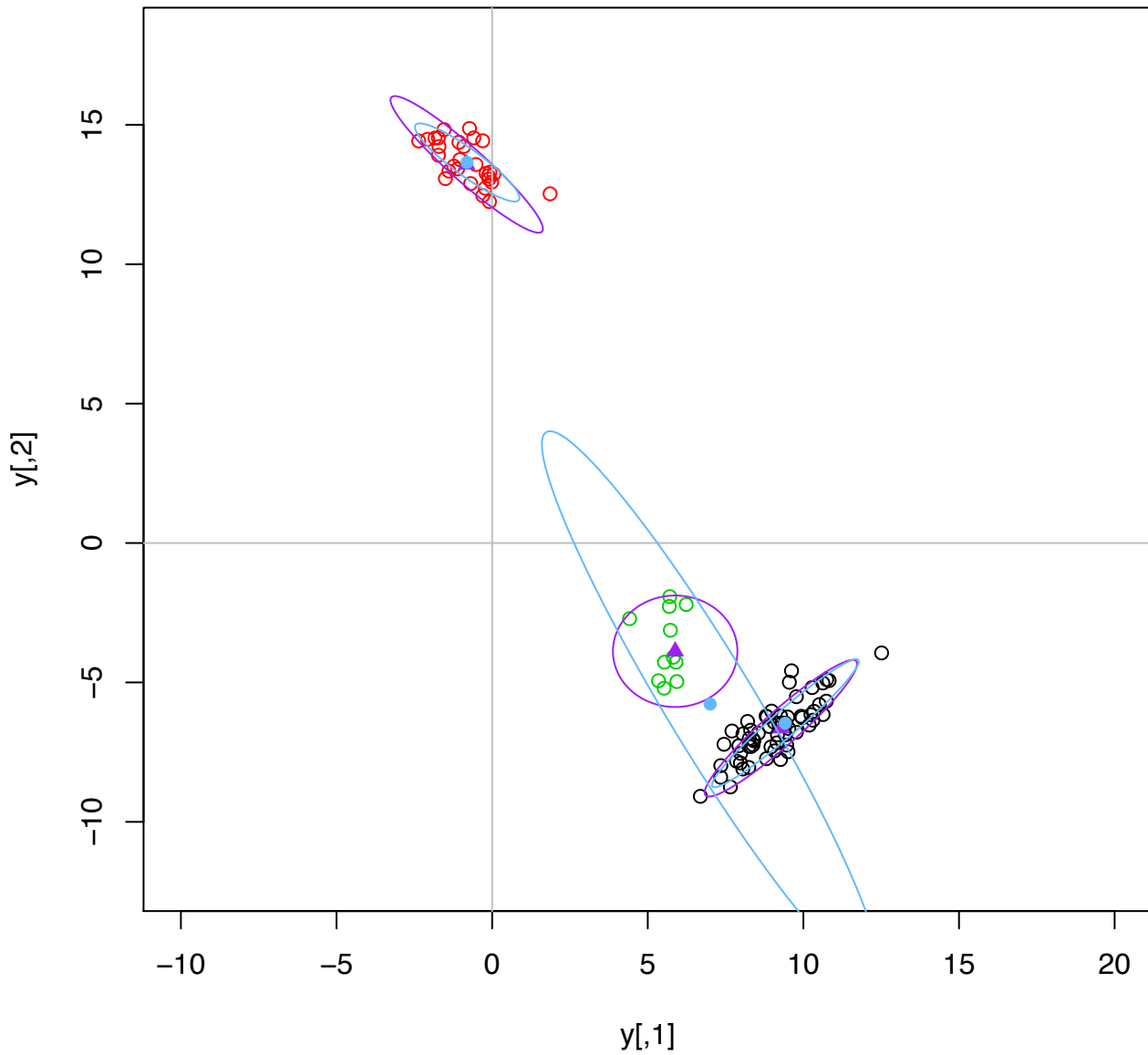
iteration #42: $Q = -189.264310595251$



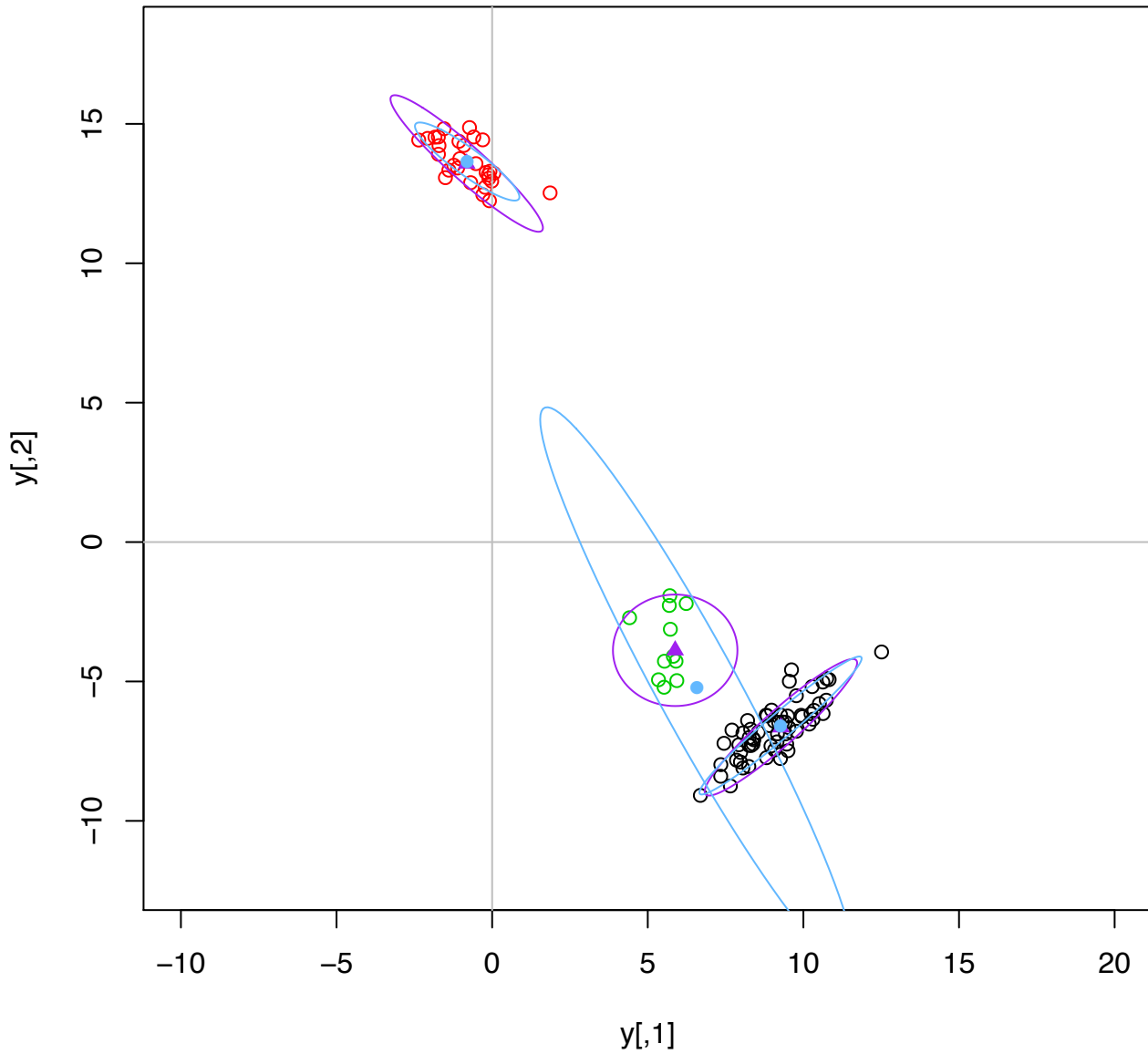
iteration #43: $Q = -182.517058270373$



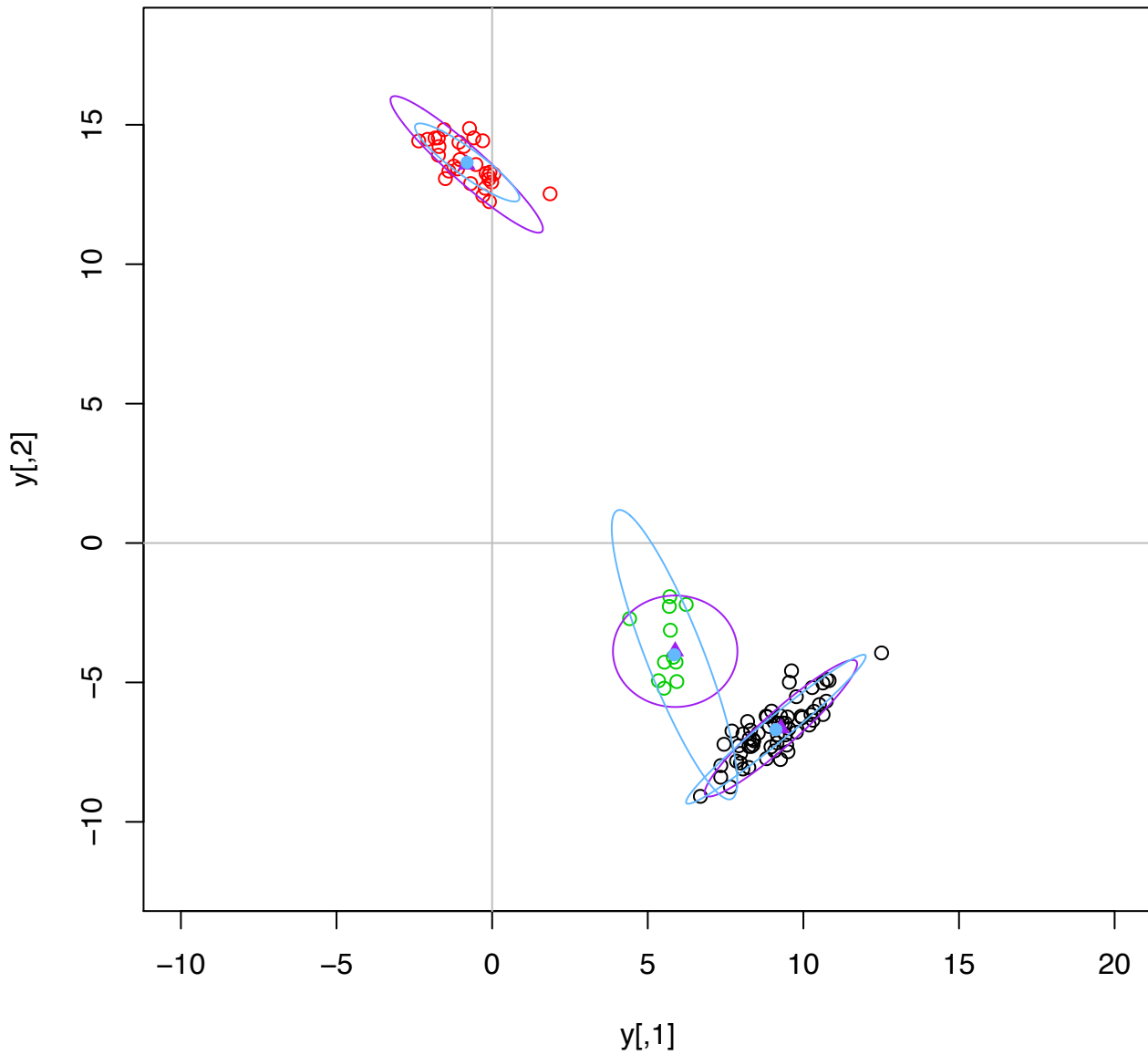
iteration #44: $Q = -171.437712041948$



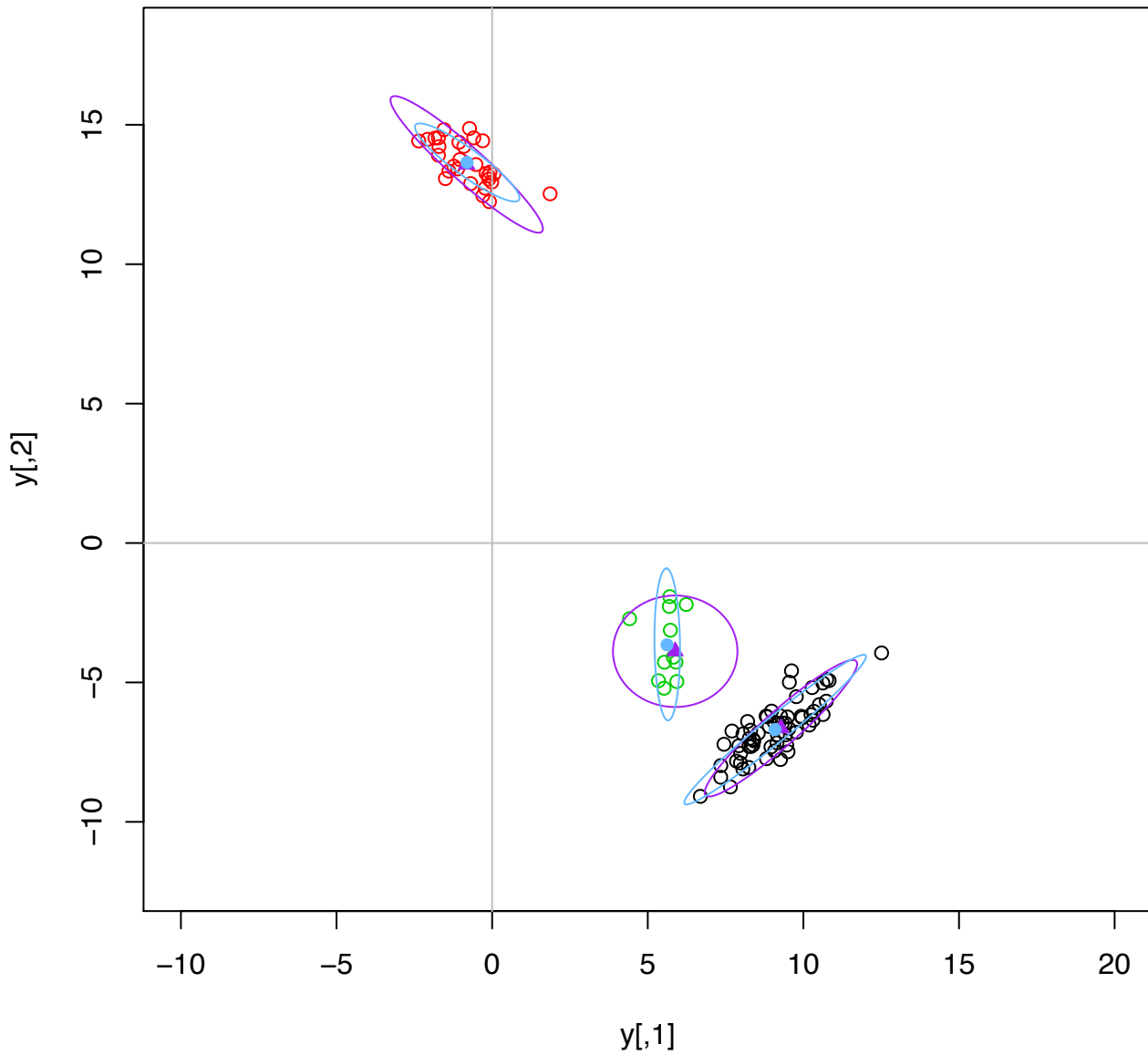
iteration #45: $Q = -154.857584650392$



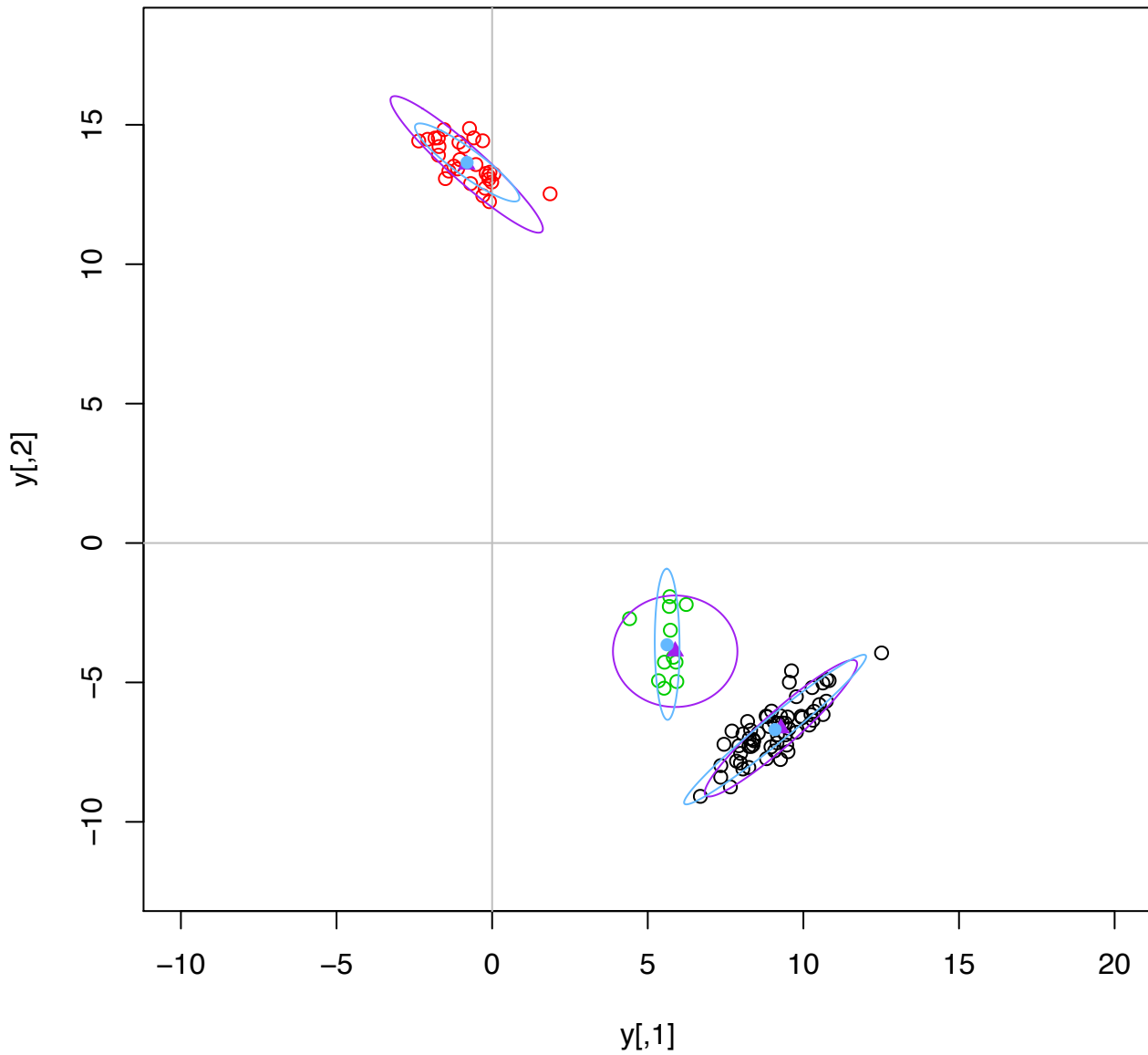
iteration #46: $Q = -142.312004581401$



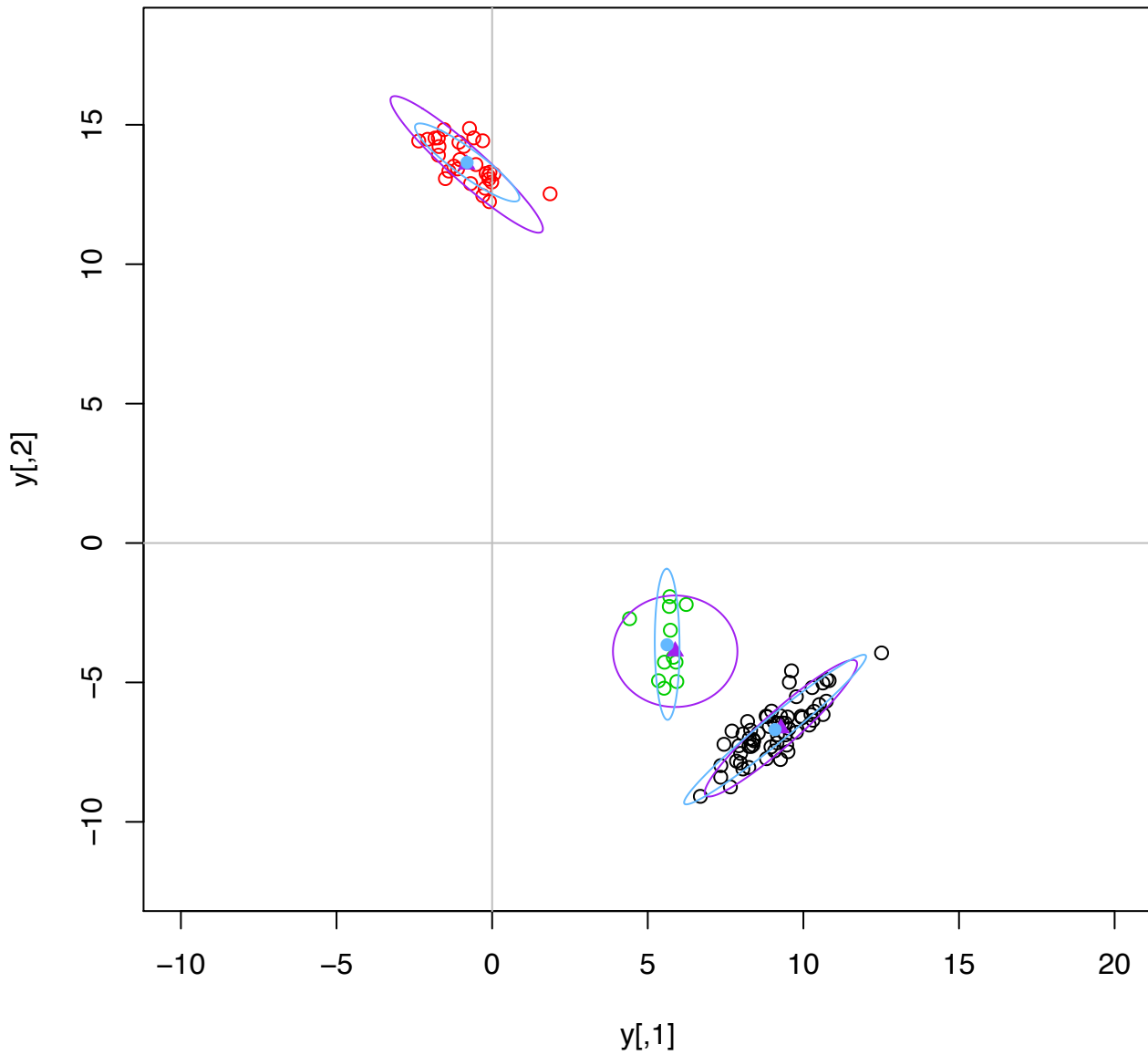
iteration #47: $Q = -138.307797809954$



iteration #48: $Q = -138.312599173753$



iteration #49: $Q = -138.312875000196$



iteration #50: $Q = -138.31288080241$

