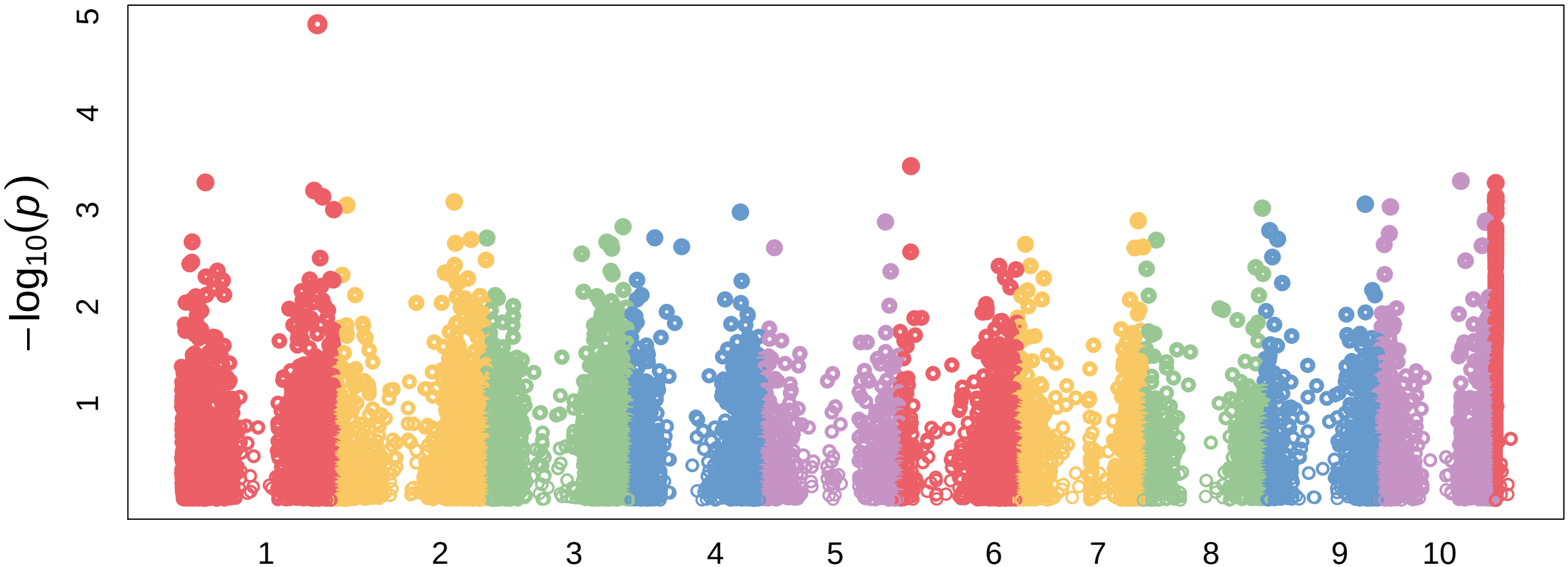MLM.HW_50