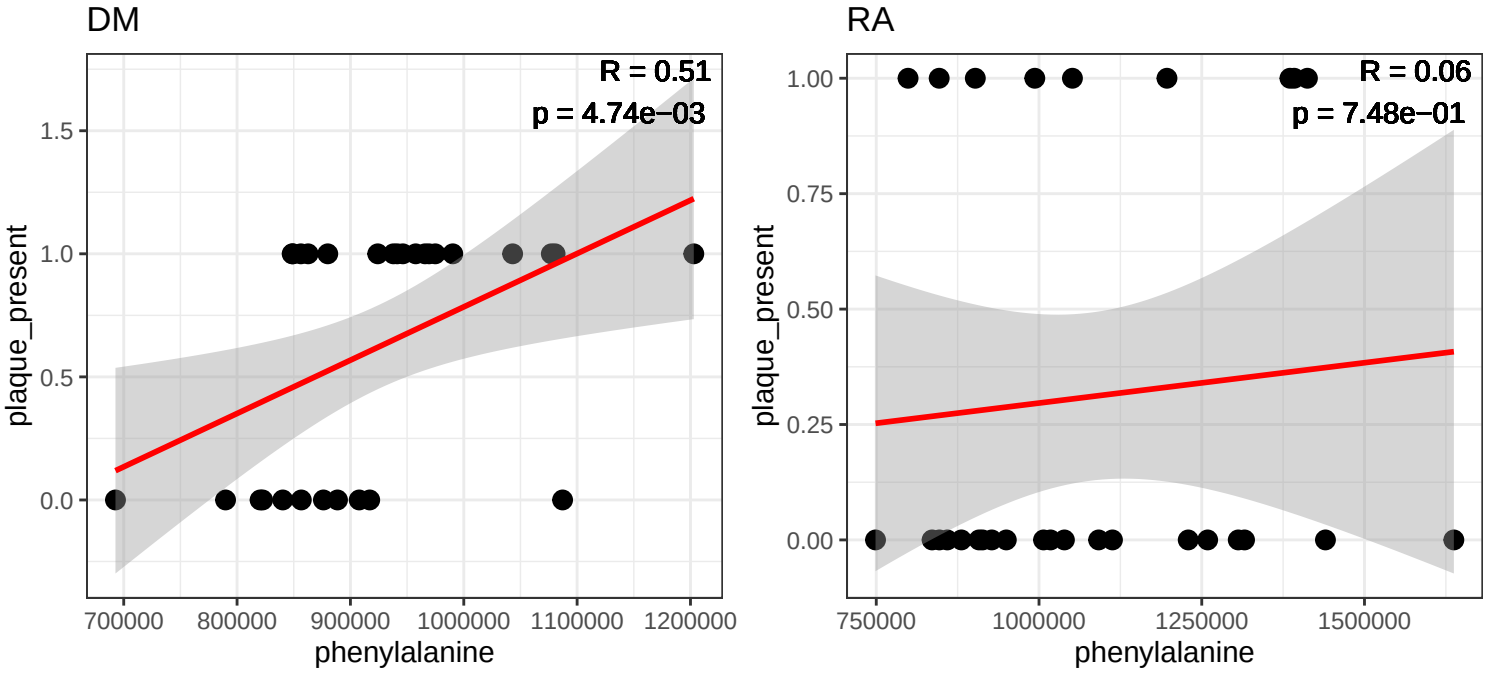vs. plaque_present