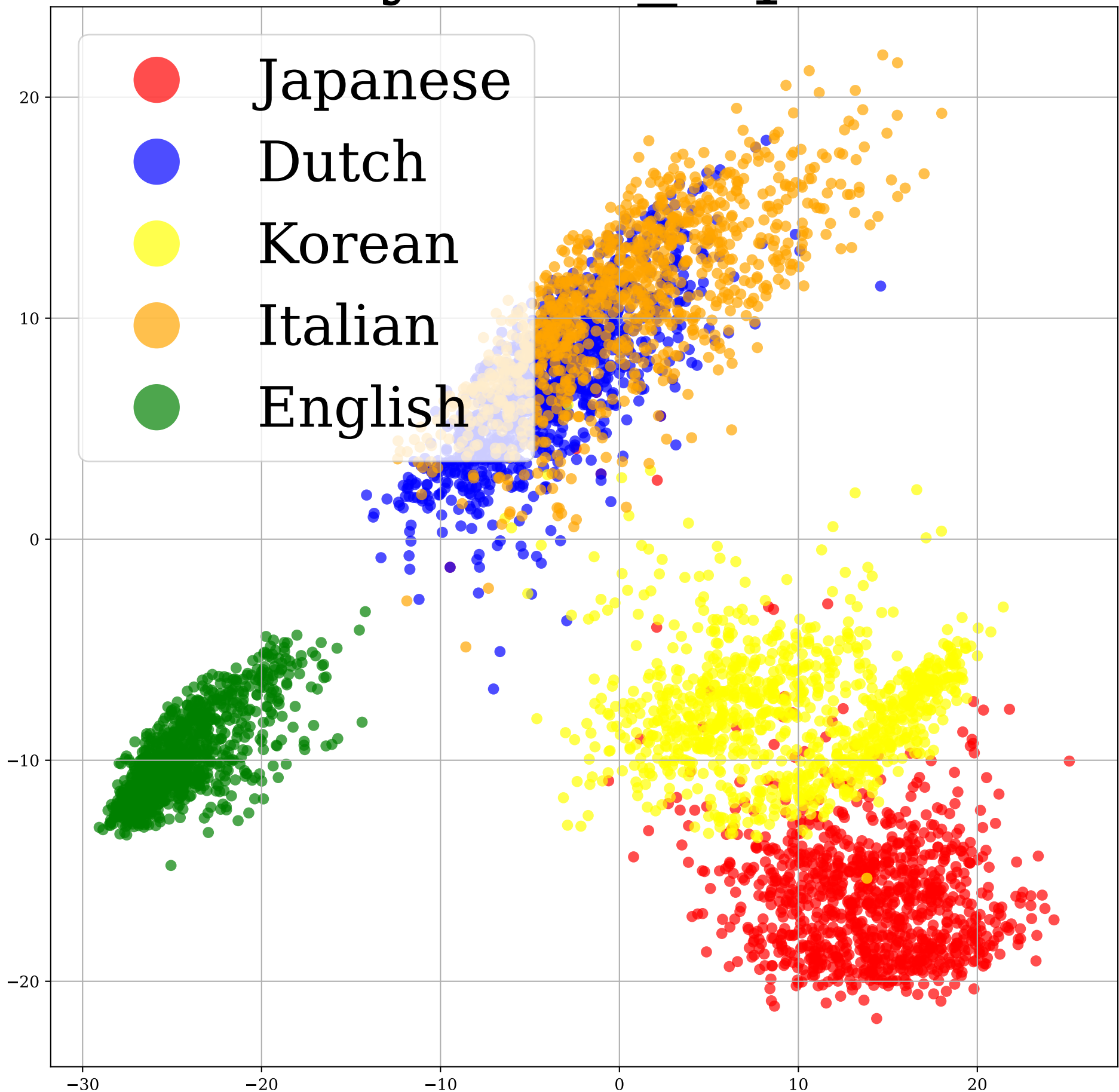Layer 31_input