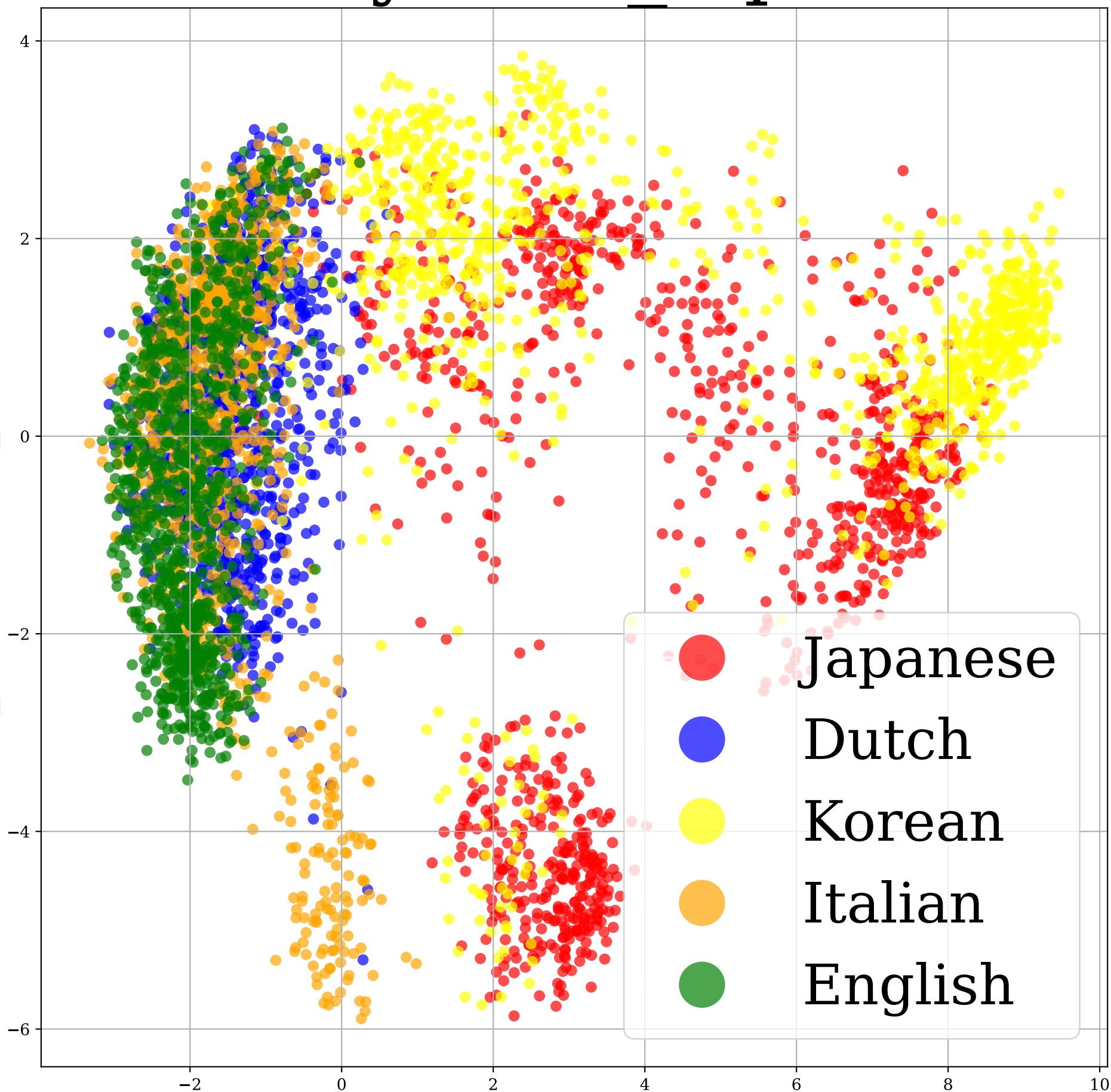Layer 21_input