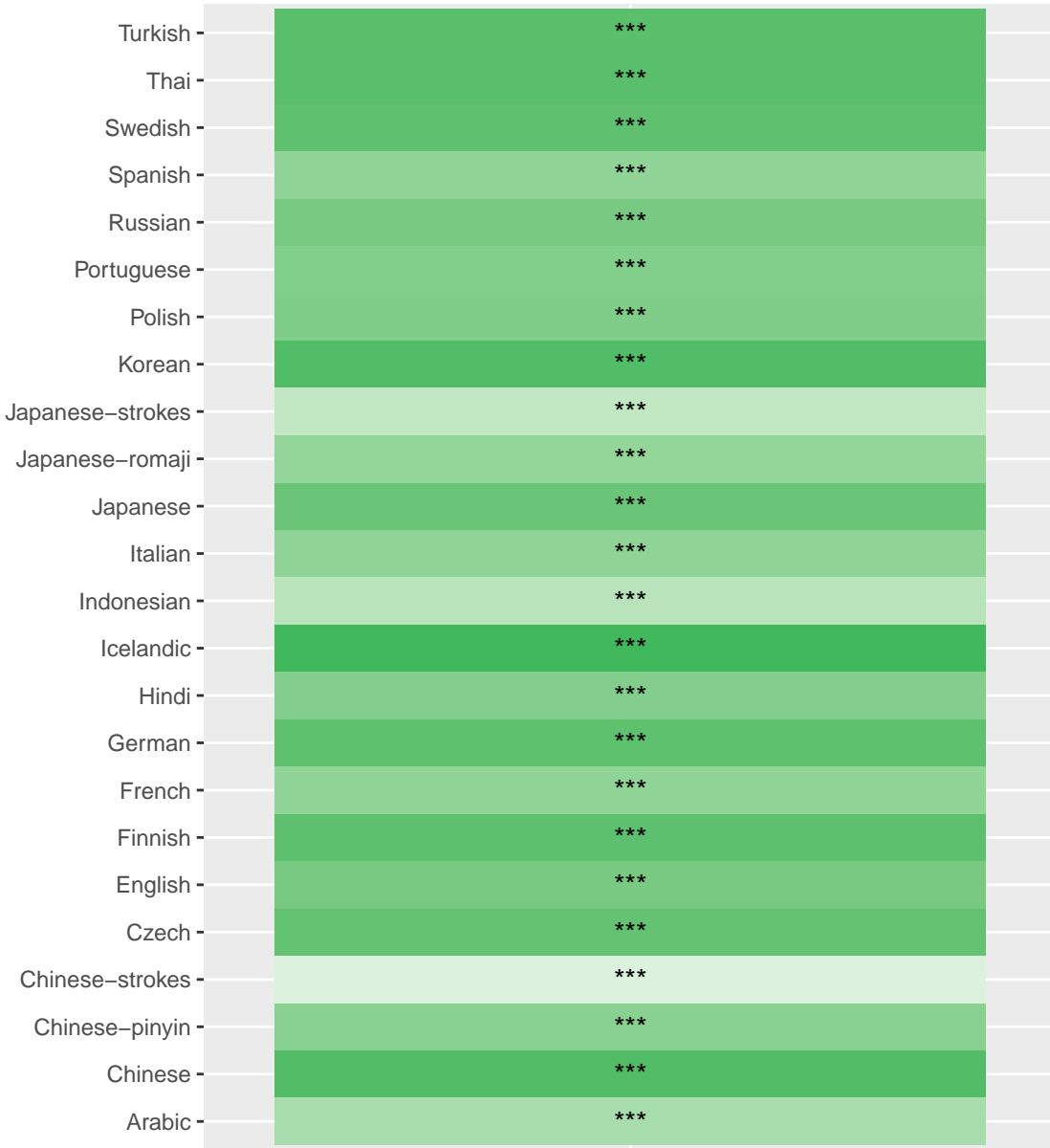kendall correlation – pud