A

- **Synonymous mutation counts**
  - $R = 0.2919$
  - $P$ value $= 1.06 \times 10^{-21}$

- **Non-synonymous mutation counts**
  - $R = 0.3345$
  - $P$ value $= 2.26 \times 10^{-28}$

B

- **CD274 expression level**
  - $R = -0.1104$
  - $P$ value $= 3.85 \times 10^{-4}$

- **CTLA4 expression level**
  - $R = -0.1617$
  - $P$ value $= 1.78 \times 10^{-7}$

C

- **ips cta4 neg & pd1 pos**
  - Wilcoxon, $p = 5.2 \times 10^{-5}$

- **ips cta4 pos & pd1 neg**
  - Wilcoxon, $p = 0.00054$