

Feature Selection Results(22):

Chi-Square Features(22)

- Waist (inch)
- Weight (Kg)
- Avg. F size (L) (mm)
- FSH/LH
- I beta-HCG(mIU/mL)
- Follicle No. (L)
- Skin darkening (Y/N)
- FSH(mIU/mL)
- Follicle No. (R)
- Fast food (Y/N)
- AMH(ng/mL)
- Cycle(R/I)
- Cycle length(days)
- Hip(inch)
- Pimples(Y/N)
- Vit D3 (ng/mL)
- hair growth(Y/N)
- Age (yrs)
- Marraige Status (Yrs)
- Reg.Exercise(Y/N)
- Hair loss(Y/N)
- Weight gain(Y/N)

Pearson Features(22)

- Waist (inch)
- Weight (Kg)
- Avg. F size (L) (mm)
- Follicle No. (L)
- Skin darkening (Y/N)
- Hb(g/dl)

- BMI
- Follicle No. (R)
- Fast food (Y/N)
- AMH(ng/mL)
- Pulse rate(bpm)
- Cycle(R/I)
- Cycle length(days)
- Hip(inch)
- Pimples(Y/N)
- hair growth(Y/N)
- Age (yrs)
- Marraige Status (Yrs)
- Hair loss(Y/N)
- Endometrium (mm)
- Avg. F size (R) (mm)
- Weight gain(Y/N)

MRMR Features(22)

- Follicle No. (R)
- Fast food (Y/N)
- FSH/LH
- I beta-HCG(mIU/mL)
- Pimples(Y/N)
- Skin darkening (Y/N)
- Follicle No. (L)
- II beta-HCG(mIU/mL)
- Hair loss(Y/N)
- AMH(ng/mL)
- hair growth(Y/N)
- PRG(ng/mL)
- Cycle(R/I)
- Cycle length(days)

- Weight gain(Y/N)

Relief Features(22)

- Follicle No. (R)
- Fast food (Y/N)
- Pregnant(Y/N)
- Pimples(Y/N)
- Reg.Exercise(Y/N)
- Skin darkening (Y/N)
- Follicle No. (L)
- Hair loss(Y/N)
- H beta-HCG(mIU/mL)
- AMH(ng/mL)
- hair growth(Y/N)
- Cycle(R/I)
- Cycle length(days)
- Weight gain(Y/N)
- Hip(inch)

Ensemble Features(15)

- Waist (inch)
- Age (yrs)
- Weight (Kg)
- Fast food (Y/N)
- Follicle No. (R)
- Pimples(Y/N)
- AMH(ng/mL)
- Follicle No. (L)
- Skin darkening (Y/N)
- Hair loss(Y/N)
- hair growth(Y/N)
- Cycle(R/I)
- Cycle length(days)

- Weight gain(Y/N)
- Hip(inch)