Male

$E_{Male} - E_{Black\ Hair} - E_{Smiling}$

Black Hair

$E_{Male} + E_{Black\ Hair} - E_{Smiling}$

$E_{Male} - E_{Black\ Hair} + E_{Smiling}$

Smiling

$E_{Male} + E_{Black\ Hair} + E_{Smiling}$

$-E_{Male} + E_{Black\ Hair} + E_{Smiling}$

$-E_{Male} + E_{Black\ Hair} - E_{Smiling}$

$-E_{Male} - E_{Black\ Hair} + E_{Smiling}$