Principal Components Analysis: NS

PC 1 (9.86e+05): $+1.000c_{HVV,Vff}^{[11]}$

PC 2 (3.97e+05): $-0.768c_{HVV,Vff}^{[13]} +0.636c_{HVV,Vff}^{[10]} -0.074c_{4q}^{[1]} -0.029c_{2q2l}^{[3]} +0.013c_{HVV,Vff}^{[12]}$

PC 3 (1.72e+05): $+0.771c_{HVV,Vff}^{[10]} +0.635c_{HVV,Vff}^{[13]} +0.033c_{4q}^{[1]} +0.020c_{2q2l}^{[3]} -0.016c_{HVV,Vff}^{[8]} +0.015c_{HVV,Vff}^{[12]}$

PC 4 (2.31e+04): $-1.000c_{HVV,Vff}^{[9]} +0.012c_{HVV,Vff}^{[8]} -0.011c_{HVV,Vff}^{[6]}$

PC 5 (1.11e+04): $+0.999c_{HVV,Vff}^{[8]} +0.045c_{HVV,Vff}^{[7]} +0.014c_{HVV,Vff}^{[13]} +0.012c_{HVV,Vff}^{[9]}$

PC 6 (4.28e+03): $+0.998c_{HVV,Vff}^{[7]} -0.045c_{HVV,Vff}^{[8]} -0.041c_{4q}^{[1]} -0.022c_{HVV,Vff}^{[4]} +0.016c_{2q2l}^{[1]}$

PC 7 (1.67e+03): $-0.999c_{HVV,Vff}^{[6]} -0.034c_{4q}^{[1]} +0.027c_{2q2l}^{[1]} -0.015c_{HVV,Vff}^{[5]} +0.011c_{HVV,Vff}^{[9]}$

PC 8 (9.84e+02): $-0.955c_{2q2l}^{[1]} -0.250c_{HVV,Vff}^{[5]} +0.147c_{4q}^{[1]} +0.029c_{HVV,Vff}^{[2]} -0.027c_{HVV,Vff}^{[6]} +0.020c_{HVV,Vff}^{[7]} -0.016c_{HVV,Vff}^{[1]}$
$-0.015c_{tH} -0.011c_{HVV,Vff}^{[3]} -0.010c_{HVV,Vff}^{[13]}$

PC 9 (9.10e+02): $+0.695c_{4q}^{[1]} -0.658c_{HVV,Vff}^{[5]} +0.280c_{2q2l}^{[1]} -0.057c_{HVV,Vff}^{[13]} -0.022c_{HVV,Vff}^{[2]} +0.020c_{HVV,Vff}^{[7]} -0.019c_{HVV,Vff}^{[4]}$
$+0.014c_{HVV,Vff}^{[10]} -0.014c_{HVV,Vff}^{[3]} +0.014c_{HVV,Vff}^{[1]} +0.010c_{2q2l}^{[3]}$

PC 10 (6.20e+02): $-0.708c_{HVV,Vff}^{[5]} -0.695c_{4q}^{[1]} +0.077c_{2q2l}^{[1]} +0.054c_{HVV,Vff}^{[13]} -0.036c_{2q2l}^{[3]} +0.036c_{HVV,Vff}^{[6]} -0.036c_{HVV,Vff}^{[7]}$
$-0.030c_{uH,dH,H\square} -0.023c_{HVV,Vff}^{[4]} -0.023c_{tH} +0.022c_{HVV,Vff}^{[3]} -0.016c_{HVV,Vff}^{[10]} -0.014c_{HVV,Vff}^{[1]} +0.012c_{bH} -0.010c_{HVV,Vff}^{[8]}$

PC 11 (1.59e+02): $-0.999c_{bH} +0.027c_{HVV,Vff}^{[4]} +0.026c_{HVV,Vff}^{[12]} -0.016c_{HVV,Vff}^{[5]} -0.014c_{HVV,Vff}^{[1]}$

PC 12 (9.73e+01): $+0.995c_{HVV,Vff}^{[4]} -0.054c_{2q2l}^{[3]} -0.045c_{HVV,Vff}^{[3]} +0.040c_{tH} +0.028c_{bH} -0.027c_{HVV,Vff}^{[5]} +0.021c_{HVV,Vff}^{[7]}$
$-0.014c_{uH,dH,H\square} +0.012c_{2q2l}^{[1]}$

PC 13 (3.34e+01): $+0.831c_{2q2l}^{[3]} +0.496c_{HVV,Vff}^{[3]} +0.205c_{top}^{[1]} +0.086c_{uH,dH,H\square} +0.067c_{HVV,Vff}^{[4]} -0.045c_{2q2l}^{[2]} +0.039c_{tH}$
$+0.034c_{HVV,Vff}^{[2]} -0.029c_{HVV,Vff}^{[12]} -0.028c_{HVV,Vff}^{[13]} -0.028c_{W} -0.021c_{tG} -0.019c_{4q}^{[1]} -0.018c_{HVV,Vff}^{[5]} -0.013c_{HG}$

PC 14 (2.47e+01): $-0.856c_{HVV,Vff}^{[3]} +0.471c_{2q2l}^{[3]} +0.159c_{top}^{[1]} -0.108c_{tH} -0.068c_{2q2l}^{[2]} -0.040c_{4q}^{[1]} +0.033c_{HVV,Vff}^{[2]} +0.029c_{tG}$
$+0.022c_{HVV,Vff}^{[1]} -0.014c_{HVV,Vff}^{[13]} +0.012c_{uH,dH,H\square}$

PC 15 (1.77e+01): $+0.997c_{HVV,Vff}^{[12]} -0.043c_{HVV,Vff}^{[1]} -0.029c_{HVV,Vff}^{[2]} +0.029c_{2q2l}^{[3]} +0.027c_{bH} +0.022c_{tH} -0.019c_{HVV,Vff}^{[10]}$
$+0.010c_{tG}$

PC 16 (1.51e+01): $-0.852c_{HVV,Vff}^{[1]} +0.456c_{tH} -0.193c_{HVV,Vff}^{[2]} -0.126c_{uH,dH,H\square} -0.070c_{HVV,Vff}^{[3]} -0.053c_{HVV,Vff}^{[12]} -0.032c_{tG}$
$-0.030c_{HVV,Vff}^{[4]} +0.028c_{2q2l}^{[3]} +0.026c_{2q2l}^{[4]} +0.022c_{eH} +0.020c_{4q}^{[2]} -0.017c_{2q2l}^{[2]} +0.017c_{top}^{[1]} +0.011c_{bH}$

PC 17 (1.48e+01): $-0.950c_{HVV,Vff}^{[2]} +0.266c_{HVV,Vff}^{[1]} +0.102c_{tG} +0.078c_{tH} -0.062c_{uH,dH,H\square} +0.037c_{2q2l}^{[3]} +0.037c_{top}^{[1]} -0.037c_{2q2l}^{[1]}$ $-0.031c_{2q2l}^{[2]} +0.023c_{2q2l}^{[4]} -0.022c_{4q}^{[1]} -0.020c_{HVV,Vff}^{[12]} -0.020c_{eH} -0.014c_W -0.010c_{bH}$

PC 18 (7.96e+00): $+0.873c_{tH} +0.427c_{HVV,Vff}^{[1]} +0.183c_{HVV,Vff}^{[2]} -0.091c_{HVV,Vff}^{[3]} +0.064c_{uH,dH,H\square} -0.058c_{tG} +0.044c_{4q}^{[2]}$ $-0.035c_{HVV,Vff}^{[4]} -0.026c_W -0.025c_{HVV,Vff}^{[5]} -0.022c_{eH} +0.017c_{HG} -0.014c_{4q}^{[1]} +0.011c_{top}^{[1]}$

PC 19 (2.66e+00): $-0.991c_W -0.097c_{top}^{[1]} +0.063c_{2q2l}^{[2]} +0.045c_{uH,dH,H\square} -0.027c_{HVV,Vff}^{[3]} -0.026c_{tG} -0.025c_{tH} -0.020c_{HVV,Vff}^{[1]}$ $-0.014c_{eH}$

PC 20 (1.23e+00): $-0.723c_{HG} -0.614c_{top}^{[1]} +0.176c_{tG} +0.155c_{2q2l}^{[3]} +0.127c_{uH,dH,H\square} +0.122c_{2q2l}^{[2]} +0.072c_W +0.064c_{2q2l}^{[4]}$ $-0.038c_{eH} +0.035c_{tH} -0.030c_{HVV,Vff}^{[3]} -0.025c_{4q}^{[2]} -0.015c_{HVV,Vff}^{[1]} -0.014c_{HVV,Vff}^{[2]}$

PC 21 (9.58e-01): $-0.611c_{HG} +0.548c_{top}^{[1]} -0.535c_{tG} -0.158c_{2q2l}^{[3]} -0.061c_{4q}^{[2]} -0.046c_{HVV,Vff}^{[2]} +0.045c_{uH,dH,H\square} +0.041c_{2q2l}^{[4]}$ $-0.037c_{eH} +0.036c_{2q2l}^{[2]} -0.035c_W -0.027c_{tH}$

PC 22 (9.31e-01): $-0.804c_{tG} -0.490c_{top}^{[1]} +0.230c_{HG} +0.138c_{2q2l}^{[3]} -0.105c_{uH,dH,H\square} -0.082c_{2q2l}^{[2]} +0.082c_{2q2l}^{[4]} -0.081c_{HVV,Vff}^{[2]}$ $+0.061c_W -0.047c_{tH} +0.041c_{HVV,Vff}^{[1]} -0.033c_{HVV,Vff}^{[3]} -0.031c_{4q}^{[2]} +0.022c_{eH}$

PC 23 (4.76e-01): $-0.709c_{uH,dH,H\square} -0.603c_{2q2l}^{[4]} -0.308c_{4q}^{[2]} -0.137c_{HG} +0.073c_{HVV,Vff}^{[1]} +0.061c_{2q2l}^{[3]} +0.061c_{HVV,Vff}^{[2]} -0.053c_{2q2l}^{[2]}$ $-0.035c_W +0.030c_{tG} -0.030c_{top}^{[1]} +0.024c_{HVV,Vff}^{[3]} +0.018c_{tH} -0.015c_{eH} +0.014c_{4q}^{[1]} +0.011c_{HVV,Vff}^{[5]}$

PC 24 (3.88e-01): $+0.682c_{2q2l}^{[4]} -0.645c_{uH,dH,H\square} +0.266c_{4q}^{[2]} +0.097c_{HVV,Vff}^{[2]} +0.097c_{tG} +0.089c_{HVV,Vff}^{[1]} -0.088c_{HG} -0.079c_{2q2l}^{[2]}$ $-0.045c_{eH} -0.043c_W +0.040c_{top}^{[1]} +0.033c_{HVV,Vff}^{[3]} +0.028c_{2q2l}^{[3]} +0.018c_{4q}^{[1]} -0.013c_{tH} +0.012c_{HVV,Vff}^{[5]}$

PC 25 (2.12e-01): $+0.895c_{4q}^{[2]} -0.392c_{2q2l}^{[4]} -0.158c_{eH} -0.076c_{tG} +0.072c_{2q2l}^{[2]} -0.055c_{HG} -0.052c_{uH,dH,H\square} -0.046c_{tH} +0.031c_{HVV,}^{[14]}$ $-0.021c_{HVV,Vff}^{[2]} +0.020c_{2q2l}^{[3]} -0.016c_{top}^{[1]}$

PC 26 (8.75e-02): $+0.960c_{2q2l}^{[2]} +0.186c_{eH} -0.119c_{uH,dH,H\square} +0.107c_{HG} +0.074c_{2q2l}^{[3]} +0.050c_W -0.050c_{tG} +0.046c_{top}^{[1]} +0.043c_{2q2l}^{[4]}$ $-0.032c_{4q}^{[2]} -0.030c_{HVV,Vff}^{[3]} +0.021c_{HVV,Vff}^{[1]} -0.021c_{HVV,Vff}^{[2]}$

PC 27 (4.70e-02): $+0.966c_{eH} -0.168c_{2q2l}^{[2]} +0.157c_{4q}^{[2]} -0.093c_{HG} -0.048c_{2q2l}^{[4]} +0.033c_{HVV,Vff}^{[1]} +0.027c_{HVV,Vff}^{[14]} -0.026c_W$ $-0.014c_{uH,dH,H\square} -0.012c_{2q2l}^{[3]} +0.012c_{HVV,Vff}^{[3]}$

PC 28 (1.63e-02): $-0.999c_{HVV,Vff}^{[14]} +0.032c_{4q}^{[2]} +0.021c_{eH} -0.014c_{2q2l}^{[4]}$