['climate', 'genotype', 'P300\_25', 'P600\_25', 'P1000\_30', 'PMG'] **(6, 34)**  
['climate', 'genotype', 'P300\_25', 'P600\_25', 'P1000\_30', 'lipids'] **(6, 30)**  
['Ptot\_30', 'P300\_25', 'P1000\_30', 'harvest\_25', 'harvest\_30', 'PMG'] **(6, 27)**  
['Ptot\_25', 'P300\_25', 'P1000\_25', 'P1000\_30', 'PMG'] **(5, 27)**  
['climate', 'P300\_25', 'P1000\_25', 'P1000\_30', 'seed\_nb'] **(5, 27)**  
['climate', 'genotype', 'P300\_25', 'P600\_25', 'P1000\_30', 'harvest\_25', 'PMG'] **(7, 19)**  
['P300\_25', 'P1000\_25', 'P1000\_30', 'PMG'] **(4, 31)**  
['genotype', 'P300\_25', 'P1000\_30', 'seed\_nb'] **(4, 30)**  
['climate', 'P300\_25', 'P600\_25', 'P1000\_25', 'P1000\_30', 'seed\_yield'] **(6, 20)**  
['genotype', 'P300\_25', 'P1000\_30', 'lipids'] **(4, 29)**  
['climate', 'P300\_25', 'P600\_25', 'P1000\_30', 'proteins'] **(5, 22)**  
['genotype', 'P300\_25', 'P1000\_25', 'P1000\_30', 'PMG'] **(5, 22)**  
['genotype', 'P300\_25', 'P1000\_30', 'harvest\_30', 'PMG'] **(5, 22)**  
['climate', 'P300\_25', 'P1000\_25', 'P1000\_30', 'proteins'] **(5, 22)**  
['Ptot\_30', 'P300\_25', 'P1000\_30', 'harvest\_25', 'harvest\_30', 'seed\_yield'] **(6, 18)**  
['climate', 'P1000\_30', 'PMG'] **(3, 35)**  
['P600\_25', 'P1000\_30', 'lipids'] **(3, 35)**  
['genotype', 'P300\_25', 'PMG'] **(3, 34)**  
['P300\_25', 'P1000\_30', 'harvest\_30', 'seed\_nb'] **(4, 25)**  
['Ptot\_25', 'Ptot\_30', 'harvest\_25', 'harvest\_30', 'PMG'] **(5, 20)**  
['Ptot\_30', 'harvest\_25', 'harvest\_30', 'lipids'] **(4, 25)**  
['genotype', 'Ptot\_30', 'P300\_25', 'P1000\_30', 'harvest\_30', 'lipids'] **(6, 16)**  
['P300\_25', 'P1000\_25', 'P1000\_30', 'lipids'] **(4, 24)**  
['climate', 'P300\_25', 'P600\_25', 'P1000\_30', 'lipids'] **(5, 19)**  
['genotype', 'P1000\_25', 'P1000\_30', 'seed\_nb'] **(4, 23)**  
['P300\_25', 'harvest\_25', 'harvest\_30', 'PMG'] **(4, 23)**  
['climate', 'genotype', 'P300\_25', 'P1000\_30', 'PMG'] **(5, 18)**  
['genotype', 'P600\_25', 'P1000\_30', 'PMG', 'lipids', 'proteins'] **(6, 15)**  
['climate', 'P300\_25', 'P600\_25', 'P1000\_30', 'seed\_nb'] **(5, 18)**  
['genotype', 'P300\_25', 'P1000\_30', 'seed\_yield'] **(4, 22)**  
['Ptot\_30', 'harvest\_25', 'harvest\_30', 'seed\_yield'] **(4, 22)**  
['P300\_25', 'P1000\_25', 'P1000\_30', 'seed\_nb'] **(4, 22)**  
['P300\_25', 'P1000\_25', 'P1000\_30', 'seed\_yield'] **(4, 22)**  
['P600\_25', 'P1000\_30', 'seed\_yield'] **(3, 29)**  
['genotype', 'P300\_25', 'P1000\_30', 'seed\_yield', 'seed\_nb'] **(5, 17)**  
['genotype', 'P300\_25', 'P1000\_30', 'harvest\_30', 'proteins'] **(5, 17)**  
['P300\_25', 'P1000\_30', 'harvest\_25', 'proteins'] **(4, 21)**  
['Ptot\_30', 'P1000\_30', 'harvest\_25', 'harvest\_30', 'proteins'] **(5, 16)**  
['Ptot\_25', 'Ptot\_30', 'harvest\_25', 'harvest\_30', 'proteins'] **(5, 16)**  
['Ptot\_25', 'P300\_25', 'P1000\_25', 'P1000\_30', 'harvest\_30', 'proteins'] **(6, 13)**  
['P300\_25', 'P1000\_30', 'seed\_yield', 'seed\_nb'] **(4, 19)**  
['genotype', 'P1000\_30', 'seed\_yield', 'seed\_nb'] **(4, 19)**  
['P300\_25', 'P1000\_30', 'PMG', 'lipids'] **(4, 19)**  
['Ptot\_25', 'P300\_25', 'harvest\_30', 'PMG'] **(4, 19)**  
['genotype', 'P300\_25', 'P1000\_30', 'seed\_nb', 'PMG'] **(5, 15)**  
['Ptot\_25', 'P1000\_25', 'P1000\_30', 'harvest\_25', 'proteins'] **(5, 15)**  
['P300\_25', 'P1000\_30', 'harvest\_30', 'lipids'] **(4, 18)**  
['genotype', 'P300\_25', 'P1000\_30', 'proteins'] **(4, 18)**  
['climate', 'P600\_25', 'P1000\_30', 'harvest\_25', 'proteins'] **(5, 14)**  
['P300\_25', 'P1000\_30', 'harvest\_25', 'seed\_nb'] **(4, 17)**  
['climate', 'genotype', 'P1000\_30', 'seed\_nb'] **(4, 17)**  
['climate', 'P300\_25', 'P1000\_30', 'PMG'] **(4, 17)**  
['genotype', 'P300\_25', 'seed\_nb'] **(3, 22)**  
['climate', 'P300\_25', 'P600\_25', 'harvest\_30', 'proteins'] **(5, 13)**  
['climate', 'P600\_25', 'P1000\_30', 'seed\_yield'] **(4, 16)**  
['climate', 'P300\_25', 'P1000\_30', 'seed\_nb'] **(4, 16)**  
['Ptot\_30', 'harvest\_25', 'harvest\_30', 'PMG'] **(4, 16)**  
['climate', 'genotype', 'P600\_25', 'PMG'] **(4, 16)**  
['P300\_25', 'harvest\_25', 'harvest\_30', 'lipids'] **(4, 16)**  
['P300\_25', 'P1000\_30', 'harvest\_30', 'proteins'] **(4, 16)**  
['climate', 'P300\_25', 'P1000\_30', 'proteins'] **(4, 16)**  
['Ptot\_25', 'P300\_25', 'harvest\_30', 'seed\_yield'] **(4, 15)**  
['Ptot\_25', 'P1000\_30', 'harvest\_30', 'seed\_yield'] **(4, 15)**  
['genotype', 'P1000\_25', 'P1000\_30', 'seed\_yield'] **(4, 15)**  
['Ptot\_25', 'P1000\_30', 'harvest\_25', 'seed\_nb'] **(4, 15)**  
['Ptot\_30', 'harvest\_25', 'harvest\_30', 'seed\_nb'] **(4, 15)**  
['climate', 'P300\_25', 'P600\_25', 'seed\_nb'] **(4, 15)**  
['P300\_25', 'P1000\_30', 'harvest\_30', 'PMG'] **(4, 15)**  
['genotype', 'P1000\_30', 'seed\_nb', 'PMG'] **(4, 15)**  
['Ptot\_25', 'P1000\_30', 'harvest\_25', 'PMG'] **(4, 15)**  
['genotype', 'P1000\_30', 'seed\_yield', 'PMG'] **(4, 15)**  
['climate', 'P600\_25', 'lipids', 'proteins'] **(4, 15)**  
['climate', 'P600\_25', 'P1000\_30', 'proteins'] **(4, 14)**  
['genotype', 'seed\_yield', 'seed\_nb'] **(3, 18)**  
['genotype', 'seed\_yield', 'lipids'] **(3, 18)**  
['Ptot\_30', 'P300\_25', 'P1000\_25', 'proteins'] **(4, 13)**  
['genotype', 'Ptot\_30', 'harvest\_30', 'proteins'] **(4, 13)**  
['climate', 'P300\_25', 'seed\_nb', 'proteins'] **(4, 13)**  
['Ptot\_25', 'P300\_25', 'harvest\_25', 'proteins'] **(4, 13)**  
['genotype', 'harvest\_25', 'lipids', 'proteins'] **(4, 13)**  
['climate', 'P300\_25', 'P600\_25', 'proteins'] **(4, 13)**  
['P300\_25', 'harvest\_30', 'seed\_yield'] **(3, 17)**  
['genotype', 'P1000\_30', 'seed\_nb'] **(3, 17)**  
['genotype', 'harvest\_30', 'lipids'] **(3, 17)**  
['P300\_25', 'harvest\_25', 'PMG'] **(3, 16)**  
['climate', 'P300\_25', 'seed\_yield'] **(3, 15)**  
['P600\_25', 'P1000\_30', 'seed\_nb'] **(3, 15)**  
['genotype', 'P600\_25', 'seed\_nb'] **(3, 15)**  
['P300\_25', 'P1000\_30', 'seed\_nb'] **(3, 15)**  
['genotype', 'P600\_25', 'PMG'] **(3, 15)**  
['P300\_25', 'P1000\_25', 'lipids'] **(3, 15)**  
['genotype', 'PMG', 'proteins'] **(3, 15)**  
['P1000\_30', 'lipids', 'proteins'] **(3, 14)**  
['P300\_25', 'P600\_25', 'proteins'] **(3, 14)**  
['P1000\_30', 'PMG', 'proteins'] **(3, 13)**  
['genotype', 'P300\_25', 'proteins'] **(3, 13)**  
['genotype', 'Ptot\_30', 'P300\_25', 'P600\_25', 'P1000\_30', 'PMG'] **(6, 31)**  
['genotype', 'Ptot\_30', 'P300\_25', 'P600\_25', 'P1000\_30', 'lipids'] **(6, 26)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'harvest\_30', 'PMG'] **(5, 26)**  
['climate', 'Ptot\_25', 'Ptot\_30', 'P300\_25', 'P600\_25', 'P1000\_25', 'harvest\_30', 'PMG', 'lipids', 'proteins'] **(10, 12)**  
['climate', 'genotype', 'P300\_25', 'P1000\_25', 'P1000\_30', 'PMG'] **(6, 19)**  
['climate', 'genotype', 'P600\_25', 'P1000\_30', 'PMG', 'lipids'] **(6, 18)**  
['P600\_25', 'P1000\_25', 'P1000\_30', 'lipids'] **(4, 26)**  
['genotype', 'P300\_25', 'P600\_25', 'harvest\_25', 'PMG'] **(5, 20)**  
['genotype', 'P1000\_30', 'harvest\_30', 'PMG'] **(4, 24)**  
['climate', 'genotype', 'P300\_25', 'P1000\_30', 'seed\_nb'] **(5, 19)**  
['Ptot\_30', 'P300\_25', 'P1000\_30', 'PMG'] **(4, 23)**  
['genotype', 'P300\_25', 'P600\_25', 'P1000\_30', 'harvest\_30', 'lipids'] **(6, 15)**  
['climate', 'P300\_25', 'P600\_25', 'P1000\_30', 'seed\_yield'] **(5, 18)**  
['Ptot\_30', 'P300\_25', 'P1000\_30', 'proteins'] **(4, 22)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'PMG'] **(4, 22)**  
['genotype', 'P300\_25', 'harvest\_25', 'harvest\_30', 'PMG'] **(5, 17)**  
['genotype', 'P600\_25', 'P1000\_30', 'seed\_nb'] **(4, 21)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'harvest\_25', 'harvest\_30', 'proteins'] **(6, 14)**  
['climate', 'P300\_25', 'P1000\_30', 'lipids'] **(4, 20)**  
['P300\_25', 'P1000\_30', 'seed\_nb', 'PMG'] **(4, 18)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'harvest\_25', 'harvest\_30', 'PMG'] **(6, 12)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'harvest\_25', 'seed\_nb'] **(5, 14)**  
['genotype', 'P300\_25', 'P1000\_30', 'seed\_yield', 'PMG'] **(5, 14)**  
['genotype', 'harvest\_25', 'lipids'] **(3, 23)**  
['Ptot\_25', 'P300\_25', 'P600\_25', 'P1000\_30', 'harvest\_25', 'proteins'] **(6, 11)**  
['genotype', 'P300\_25', 'P600\_25', 'P1000\_30', 'PMG'] **(5, 13)**  
['genotype', 'P600\_25', 'P1000\_30', 'PMG', 'proteins'] **(5, 13)**  
['climate', 'P300\_25', 'P1000\_30', 'seed\_yield'] **(4, 15)**  
['genotype', 'P300\_25', 'harvest\_25', 'seed\_nb'] **(4, 15)**  
['genotype', 'P300\_25', 'harvest\_25', 'PMG'] **(4, 15)**  
['genotype', 'P600\_25', 'P1000\_30', 'seed\_yield'] **(4, 15)**  
['genotype', 'P300\_25', 'P1000\_30', 'PMG'] **(4, 15)**  
['genotype', 'P600\_25', 'P1000\_30', 'harvest\_25', 'lipids'] **(5, 12)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'harvest\_30', 'seed\_yield'] **(5, 12)**  
['genotype', 'P300\_25', 'P600\_25', 'P1000\_30', 'PMG', 'proteins'] **(6, 10)**  
['genotype', 'harvest\_30', 'seed\_nb', 'PMG'] **(4, 14)**  
['genotype', 'P300\_25', 'harvest\_30', 'PMG'] **(4, 14)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'PMG'] **(4, 14)**  
['P300\_25', 'P1000\_30', 'harvest\_30', 'seed\_yield', 'seed\_nb'] **(5, 11)**  
['genotype', 'P300\_25', 'P1000\_30', 'harvest\_30', 'seed\_nb'] **(5, 11)**  
['genotype', 'P300\_25', 'P600\_25', 'lipids', 'proteins'] **(5, 11)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'harvest\_30', 'proteins'] **(5, 11)**  
['genotype', 'P300\_25', 'harvest\_30', 'proteins'] **(4, 13)**  
['genotype', 'Ptot\_25', 'harvest\_25', 'PMG'] **(4, 13)**  
['Ptot\_30', 'harvest\_30', 'PMG', 'lipids'] **(4, 13)**  
['P600\_25', 'P1000\_30', 'harvest\_25', 'PMG'] **(4, 12)**  
['genotype', 'P300\_25', 'PMG', 'lipids'] **(4, 12)**  
['P300\_25', 'P1000\_30', 'harvest\_25', 'PMG'] **(4, 12)**  
['climate', 'P300\_25', 'P1000\_25', 'proteins'] **(4, 12)**  
['P600\_25', 'P1000\_30', 'lipids', 'proteins'] **(4, 12)**  
['climate', 'genotype', 'seed\_yield'] **(3, 15)**  
['genotype', 'P1000\_30', 'PMG'] **(3, 15)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'seed\_yield'] **(4, 11)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'seed\_nb'] **(4, 11)**  
['genotype', 'Ptot\_25', 'harvest\_25', 'seed\_nb'] **(4, 11)**  
['genotype', 'Ptot\_25', 'harvest\_30', 'PMG'] **(4, 11)**  
['genotype', 'Ptot\_25', 'harvest\_30', 'lipids'] **(4, 11)**  
['P300\_25', 'P1000\_30', 'harvest\_25', 'lipids'] **(4, 11)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'proteins'] **(4, 11)**  
['genotype', 'P1000\_30', 'harvest\_25', 'proteins'] **(4, 11)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'proteins'] **(4, 11)**  
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['genotype', 'harvest\_30', 'seed\_yield', 'seed\_nb'] **(4, 11)**  
['genotype', 'harvest\_30', 'seed\_nb', 'lipids'] **(4, 11)**  
['genotype', 'seed\_yield', 'seed\_nb', 'lipids'] **(4, 11)**  
['genotype', 'P1000\_30', 'seed\_nb', 'lipids'] **(4, 11)**  
['genotype', 'P300\_25', 'seed\_yield', 'PMG'] **(4, 10)**  
['genotype', 'P1000\_30', 'harvest\_30', 'seed\_yield'] **(4, 10)**  
['P300\_25', 'P1000\_30', 'harvest\_30', 'seed\_yield'] **(4, 10)**  
['P1000\_30', 'harvest\_25', 'harvest\_30', 'seed\_nb'] **(4, 10)**  
['genotype', 'P300\_25', 'seed\_nb', 'PMG'] **(4, 10)**  
['Ptot\_25', 'P300\_25', 'harvest\_25', 'lipids'] **(4, 10)**  
['genotype', 'P1000\_30', 'harvest\_30', 'lipids'] **(4, 10)**  
['genotype', 'P300\_25', 'harvest\_25', 'proteins'] **(4, 10)**  
['genotype', 'P300\_25', 'seed\_nb', 'lipids'] **(4, 10)**  
['genotype', 'seed\_yield', 'lipids', 'proteins'] **(4, 10)**  
['genotype', 'harvest\_25', 'seed\_yield', 'seed\_nb'] **(4, 10)**  
['climate', 'Ptot\_25', 'seed\_nb', 'proteins'] **(4, 10)**  
['genotype', 'Ptot\_25', 'lipids'] **(3, 13)**  
['genotype', 'P300\_25', 'lipids'] **(3, 13)**  
['Ptot\_30', 'P1000\_30', 'harvest\_30', 'seed\_yield'] **(4, 9)**  
['genotype', 'P300\_25', 'seed\_yield', 'seed\_nb'] **(4, 9)**  
['P300\_25', 'harvest\_30', 'seed\_yield', 'PMG'] **(4, 9)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'seed\_nb'] **(4, 9)**  
['P600\_25', 'P1000\_30', 'harvest\_25', 'seed\_nb'] **(4, 9)**  
['genotype', 'P1000\_30', 'harvest\_30', 'seed\_nb'] **(4, 9)**  
['Ptot\_25', 'P300\_25', 'P1000\_30', 'lipids'] **(4, 9)**  
['P300\_25', 'P1000\_30', 'lipids', 'proteins'] **(4, 9)**  
['P300\_25', 'P600\_25', 'P1000\_30', 'lipids'] **(4, 9)**  
['genotype', 'P1000\_30', 'PMG', 'lipids'] **(4, 9)**  
['harvest\_25', 'harvest\_30', 'seed\_yield', 'lipids'] **(4, 9)**  
['genotype', 'P600\_25', 'P1000\_30', 'lipids'] **(4, 9)**  
['genotype', 'harvest\_30', 'seed\_yield', 'lipids'] **(4, 9)**  
['P1000\_30', 'harvest\_25', 'harvest\_30', 'proteins'] **(4, 9)**  
['genotype', 'P300\_25', 'seed\_nb', 'proteins'] **(4, 9)**  
['genotype', 'harvest\_30', 'PMG', 'proteins'] **(4, 9)**  
['genotype', 'P1000\_30', 'harvest\_30', 'proteins'] **(4, 9)**  
['P1000\_30', 'seed\_yield', 'seed\_nb', 'PMG'] **(4, 9)**  
['genotype', 'P600\_25', 'seed\_yield'] **(3, 11)**  
['genotype', 'seed\_nb', 'lipids'] **(3, 11)**  
['genotype', 'P600\_25', 'proteins'] **(3, 11)**  
['P300\_25', 'seed\_yield', 'seed\_nb'] **(3, 11)**  
['genotype', 'P1000\_30', 'proteins'] **(3, 11)**  
['genotype', 'P1000\_30', 'seed\_yield'] **(3, 10)**  
['P300\_25', 'P600\_25', 'seed\_yield'] **(3, 10)**  
['genotype', 'P300\_25', 'seed\_yield'] **(3, 10)**  
['genotype', 'seed\_nb', 'proteins'] **(3, 10)**  
['genotype', 'P1000\_30', 'lipids'] **(3, 10)**  
['P300\_25', 'harvest\_30', 'seed\_nb'] **(3, 9)**  
['climate', 'P1000\_30', 'lipids'] **(3, 9)**  
['genotype', 'lipids', 'proteins'] **(3, 9)**