```
> restart;
> interface(rtablesize=20):
> data:=ImportMatrix("this:///ValeursS.xlsx")
```

$data := [[0., "\theta", "q", "p", "qf", "qnf", "yf", "ynf", "Wf", "Wnf", "u", "\alpha f", "\alpha nf"],$ **(1)**
$\quad ["s = 0,0297", "0.16", "0.998", "0.155", "0.393", "0.604", "0.329", "0.521", "0.337",$
$\quad "0.433", "0.157", "0.316", "0.684"],$
$\quad ["s = 0,0312", "0.155", "0.998", "0.1546", "0.403", "0.595", "0.356", "0.521", "0.351",$
$\quad "0.433", "0.168", "0.345", "0.654"],$
$\quad ["s =0,0319", "0.152", "0.998", "0.152", "0.409", "0.589", "0.372", "0.492", "0.360",$
$\quad "0.420", "0.166", "0.363", "0.636"],$
$\quad ["s = 0,0327", "0.147", "0.999", "0.147", "0.42", "0.58", "0.4", "0.473", "0.377",$
$\quad "0.413", "0.182", "0.395", "0.604"]]$

```
> A := ExcelTools:-
     Import("C:/Users/joelm/Documents/recuperation/Thèse doctorat/Partie
     2/Productivité/ValeursS.xlsx");
```

$A := [[0., "\theta", "q", "p", "qf", "qnf", "yf", "ynf", "Wf", "Wnf", "u", "\alpha f", "\alpha nf"],$ **(2)**
$\quad ["s = 0,0297", "0.16", "0.998", "0.155", "0.393", "0.604", "0.329", "0.521", "0.337",$
$\quad "0.433", "0.157", "0.316", "0.684"],$
$\quad ["s = 0,0312", "0.155", "0.998", "0.1546", "0.403", "0.595", "0.356", "0.521", "0.351",$
$\quad "0.433", "0.168", "0.345", "0.654"],$
$\quad ["s =0,0319", "0.152", "0.998", "0.152", "0.409", "0.589", "0.372", "0.492", "0.360",$
$\quad "0.420", "0.166", "0.363", "0.636"],$
$\quad ["s = 0,0327", "0.147", "0.999", "0.147", "0.42", "0.58", "0.4", "0.473", "0.377",$
$\quad "0.413", "0.182", "0.395", "0.604"]]$

```
> DepM := subsindets(A[2..,2..],string,parse);
```

$DepM :=$ **(3)**
$\quad [[0.16, 0.998, 0.155, 0.393, 0.604, 0.329, 0.521, 0.337, 0.433, 0.157, 0.316,$
$\quad 0.684],$
$\quad [0.155, 0.998, 0.1546, 0.403, 0.595, 0.356, 0.521, 0.351, 0.433, 0.168, 0.345, 0.654],$
$\quad [0.152, 0.998, 0.152, 0.409, 0.589, 0.372, 0.492, 0.360, 0.420, 0.166, 0.363, 0.636],$
$\quad [0.147, 0.999, 0.147, 0.42, 0.58, 0.4, 0.473, 0.377, 0.413, 0.182, 0.395, 0.604]]$

```
> VB := map(u->eval(s,parse(u)),M[2..,1]);
Error, invalid input: parse expects its 1st argument, st, to be
of type string, but received M[2 .. (), 1]
> MPlots := Matrix(6,2,[ seq( [ seq( plot(<VB|DepM[..,(i-1)*2+j]>,
                                    title=M[1,1+(i-1)*2+j],
                                    size=[300,200]),
                            j=1..2 ) ],
                        i=1..6 ) ] ):
Error, (in Matrix) this entry is too tall: Vector(4, {(1) = .16,
(2) = .155, (3) = .152, (4) = .147})
> plots:-display(MPlots);
Error, (in plots:-display) expecting plot structure but
received: MPlots
>
```