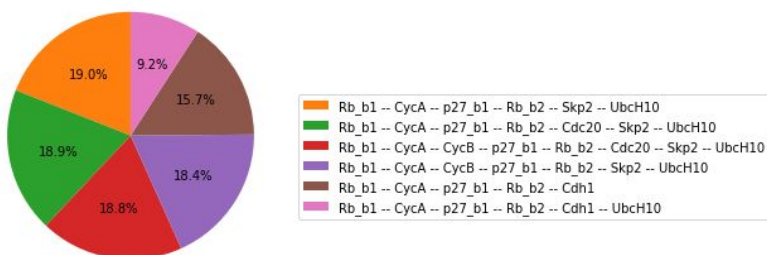


## BUGS/ ISSUES/ WARNINGS COLOMOTO NOTEBOOK

### - Memory warning with MaBoSS

```
mut_results.plot_piechart()
```

```
/home/vasundrt/anaconda3/lib/python3.6/site-packages/IPython/core/interactiveshell.py:2963: DtypeWarning: Columns (23,26,29,32,35,38,41,44,47,50,53,56,59,62,65,68,71,74,77,80,83,86,89,92,95,98,101,104,107,110,113,116,119,122,125,128,131,134,137,140,143,146,149,152,155,158,161,164,167,170,173,176,179,182,185,188,191,194,197,200,203,206,209,212,215,218,221,224,227,230,233,236,239,242,245,248,251,254,257,260,263,266,269,272,275,278,281,284,287,290,293,296,299,302,305,308,311,314,317,320,323,326,329,332,335,338,341,344,347,350,353,356,359,362,365,368,371,374,377,380,383,386,389,392,395,398,401,404,407,410,413,416,419,422,425,428,431,434,437,440,443,446,449,452,455,458,461,464,467,470,473,476,479,482,485,488,491,494,497,500,503,506,509,512,515,518,521,524,527,530,533,536,539,542,545,548,551,554,557,560,563,566,569,572,575,578,581,584,587,590,593,596,599,602,605,608,611,614,617,620,623,626,629,632,635,638,641,644,647,650,653,656,659,662,665,668,671,674,677,680,683,686,689,692,695,698,701,704,707,710,713,716,719,722,725,728,731,734,737,740,743,746,749,752,755,758,761,764,767,770,773,776,779,782,785,788,791,794,797,800,803,806,809,812,815,818,821,824,827,830,833,836,839,842,845,848,851,854,857,860,863,866,869,872,875,878,881,884,887,890,893,896,899,902,905,908,911,914,917,920,923,926,929,932,935,938,941,944,947,950,953,956,959,962,965,968,971,974,977,980,983,986,989,992,995,998,1001) have mixed types. Specify dtype option on import or set low_memory=False.
exec(code_obj, self.user_global_ns, self.user_ns)
```



- When launching the notebook from jupyter-notebook and not the docker:
  - Not able to do oneshot mutations
  - Not sure if problem from PINT or settings from my laptop.

```
mutants = m.oneshot_mutations_for_cut("Rb=2, p27=1, Cdh1=1")
mutants
```

This computation is an *under-approximation*: returned mutations are all valid, but they may be non-minimal, and some solutions may be missed.

Limiting solutions to mutations of at most 5 automata. Use `maxsize` argument to change.

```
-----
PintProcessError                                Traceback (most recent call last)
<ipython-input-24-a1290bf91f53> in <module>()
----> 1 mutants = m.oneshot_mutations_for_cut("Rb=2, p27=1, Cdh1=1")
      2 mutants

~/anaconda3/lib/python3.6/site-packages/pylint/tools.py in oneshot_mutations_for_cut(self, goal, maxsize, exclude, exclude_goal, automata, timeout, **kwargs)
   395         args += ["--ignore-automata", " ".join(['%s' % a for a in exclude])]
   396
--> 397         cp = run_tool("pint-reach", goal, *args, input_model=self, timeout=timeout)
   398         output = cp.stdout.decode()
   399         return json.loads(output)

~/anaconda3/lib/python3.6/site-packages/pylint/tools.py in _run_tool(cmd, input_model, reduce_for_goal, *args, **run_opts)
    77         e = PintProcessError(e.returncode, e.cmd, e.output, e.stderr)
    78         e._cause__ = None
--> 79         raise e
    80
    81

PintProcessError: Command 'pint-reach --json-stdout "Rb=2","p27=1","Cdh1=1" --oneshot-mutations-for-cut 5 --ignore-automata "p27","Rb","Cdh1" -i /tmp/colomotoxkt68lfn' returned non-zero exit status -13
*** ERROR: (clingo): '/home/vasundrt/anaconda3/share/asp/reprogramming/ua_oneshot_mutations_for_cut.lp': could not open input file!
*** Info : (clingo): Try '--help' for usage information
```