In most cases, the graph skewed heavily towards FA, which makes sense since First Available is an extremely flawed, naive algorithm that goes in a order of left and right and updates the first available block with the first available number that does not cause any inconsistencies. But because it is updating based on a first come first serve basis, FA it has inadvertently generated multiple children nodes in a tree representation because at some depth, it will have to backtrack a whole bunch in order to fix the inconsistency across multiple levels.

MRV however, updates based on whichever node has the least amount of available domains left, which exploits a shorter search time first while also eliminating multiple domains for unsearched cells, saving the agorithm from executing a costly search.