```
VarA = LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV + ADDI + SLLI + SRLI
VarB = LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV + ADDI + SLLI + SRLI + BEQ + BNE
VarC = ADD + SUB + AND + OR + XOR + MUL + DIV+ ADDI + SLLI + SRLI
VarD = W3 * T0 * (LW + SW)
PCADDI = W1 * T3
M = W2 * T2 * (AND + OR + XOR)
S3 = W2 * T2 * (LW + SW + ADD + AND + OR + ADDI)
S2 = W2 * T2 * (SUB + OR + XOR + BEQ + BNE)
S1 = W2 * T2 * (SUB + AND + OR + XOR + BEQ + BNE)
S0 = W2 * T2 * (LW + SW + ADD + AND + ADDI)
CN = W2 * T2 * (LW + SW + ADD + ADDI)
CPRC3 = W1 * T1 + W2 * T1 * (LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV + ADDI + SLLI
+ SRLI + BEQ + BNE) + W3 * T0 * (LW + SW)
       = W1 * T1 + W2 * T1 * VarB + VarD
CPRC2 = W1 * T3 + W2 * ( (T0 + T2) * (LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV +
ADDI + SLLI + SRLI) + T3 * |R + (T0 + T2 + T3) * (BEQ + BNE))
       = W1 * T3 +W2 * ( (T0 + T2) * VarB + T3 * (|R + BEQ + BNE))
CPRC1 = W1 * (T1 + T2) + W2 * ( (T1 + T2) * (LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV
+ ADDI + SLLI + SRLI + BEQ + BNE ) + W3 * T0 * (LW + SW)
       = W1 * (T1 + T2) + W2 * ((T1 + T2) * VarB) + VarD
CPRC0 = W1 * (T0 + T1 + T2) + W2 * (T3 * (LW + SW) + T0 * (LW + SW + ADD + SUB + AND + OR +
XOR + MUL + DIV + ADDI + SLLI + SRLI + BEQ + BNE) ) + W3 * T0 * (LW + SW)
      = W1 * (T0 + T1 + T2) + W2 * (T3 * (LW + SW) + T0 * VarB ) + VarD
CPRRt = W2 * ( T0 * LUI + T3 * (ADD + SUB + AND + OR + XOR + MUL + DIV+ ADDI + SLLI + SRLI) +
W3 * T1 * LW
      = W2 * (T0 * LUI + T3 * VarC) + W3 * T1 * LW
CPRRs = 0
EC3 = W1 * T2 + W3 * T1 * LW
EC2 = W2 * T3 * (LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV + ADDI + SLLI + SRLI)
   = W2 * T3 * VarA
EC1 = W1 * T0 + W2 * ( T0 * (LUI + ADDI + SLLI + SRLI) + T1 * (LW + SW ) + T3 * (BEQ + BNE))
EC0 = W1 * T0
ERt = W2 * T1 * (ADD + SUB + AND + OR + XOR + MUL + DIV + ADDI + SLLI + SRLI + BEQ + BNE) +
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W3 * T0 * SW

= W2 * T1 * (VarC + BEQ + BNE) + W3 * T0 * SW

ERs =W2 * T0 * (LW + SW + ADD + SUB + AND + OR + XOR + MUL + DIV + BEQ + BNE) + W2 * T3 * JR

RD/WR = W3 * T0 * SW