

$$\begin{aligned}
\mathbf{NS0} = & !S0.!S1.!S2.!S3.!S4 + !S0.S1.!S2.!S3.!S4 + !S0.S1.S2.!S3.!S4 + \\
& S0.!S1.!S2.!S3.!S4.!OP0.OP1.!OP2.!OP3.!OP4.!OP5 + S0.!S1.!S2.!S3.!S4. \\
& OP0.!OP1.OP2.!OP3.OP4.!OP5 + !S0.!S1.S2.S3.!S4 + S0.!S1.!S2.!S3.!S4. \\
& !OP0.!OP1.OP2.OP3.!OP4.!OP5 + S0.S1.S2.S3.!S4 + S0.!S1.!S2.!S3.S4. \\
& OP0.OP1.!OP2.!OP3.!OP4.!OP5
\end{aligned}$$

$$\begin{aligned}
\mathbf{NS1} = & S0.!S1.!S2.!S3.!S4. OP0.OP1.!OP2.!OP4.OP5 + !S0.S1.!S2.!S3.!S4. \\
& OP0.OP1.!OP2.!OP3.!OP4.OP5 + S0.!S1.!S2.!S3.!S4. !OP0.!OP1.!OP2.!OP3.!OP4.!OP5 \\
& + !S0.S1.S2.!S3.!S4 + S0.!S1.!S2.!S3.!S4. !OP0.!OP1.OP2.!OP3.OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. OP0.!OP1.OP2.!OP3.OP4.!OP5 + S0.!S1.!S2.!S3.!S4. \\
& OP0.!OP1.OP2.!OP3.!OP4.!OP5 + S0.!S1.!S2.!S3.!S4. !OP0.!OP1.OP2.OP3.!OP4.!OP5
\end{aligned}$$

$$\begin{aligned}
\mathbf{NS2} = & S0.S1.!S2.!S3.!S4 + !S0.S1.!S2.!S3.!S4. OP0.OP1.!OP2.OP3.!OP4.OP5 + \\
& S0.!S1.!S2.!S3.!S4. !OP0.!OP1.!OP2.!OP3.!OP4.!OP5 + !S0.S1.S2.!S3.!S4. + \\
& S0.!S1.!S2.!S3.!S4. !OP0.!OP1.!OP2.OP3.!OP4.!OP5 + !S0.!S1.S2.S3.!S4 + \\
& S0.!S1.!S2.!S3.!S4. OP0.!OP1.OP2.!OP3.!OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. !OP0.!OP1.OP2.OP3.!OP4.!OP5
\end{aligned}$$

$$\begin{aligned}
\mathbf{NS3} = & S0.!S1.!S2.!S3.!S4. !OP0.!OP1.OP2.!OP3.!OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. !OP0.OP1.!OP2.!OP3.!OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. !OP0.!OP1.OP2.!OP3.OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. OP0.!OP1.OP2.!OP3.OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. !OP0.!OP1.!OP2.OP3.!OP4.!OP5 + !S0.!S1.S2.S3.!S4 + \\
& S0.!S1.!S2.!S3.!S4. OP0.!OP1.OP2.!OP3.!OP4.!OP5 + \\
& S0.!S1.!S2.!S3.!S4. !OP0.!OP1.OP2.OP3.!OP4.!OP5
\end{aligned}$$

$$\mathbf{NS4} = S0.S1.S2.S3.!S4 + S0.!S1.!S2.!S3.!S4. OP0.OP1.!OP2.!OP3.!OP4.!OP5$$