

$$\begin{aligned}
& \frac{\langle 23 \rangle \langle 46 \rangle (1/2 \langle 14 \rangle \langle 36 \rangle [45] [46] \dots \langle 3 \text{ terms} \rangle \dots + 1/4 \langle 13 \rangle [45] \langle 56 \rangle [56])}{\langle 12 \rangle \langle 24 \rangle \langle 1|2+3|4 \rangle \langle 2|1+3|4 \rangle s_{123}} + \\
& \frac{[56] \langle 23 \rangle \langle 46 \rangle \langle 56 \rangle (5/4 \langle 12 \rangle \langle 36 \rangle [56] + 1/4 \langle 13 \rangle \langle 26 \rangle [56] - 5/4 \langle 12 \rangle \langle 34 \rangle [45])}{\langle 12 \rangle \langle 24 \rangle^2 \langle 1|2+3|4 \rangle \langle 2|1+3|4 \rangle s_{123}} + \\
& \frac{-1 \langle 23 \rangle^2 \langle 46 \rangle^2 \langle 56 \rangle [56]^2}{\langle 24 \rangle^3 \langle 1|2+3|4 \rangle \langle 2|1+3|4 \rangle s_{123}} + \\
& \frac{3[12] \langle 23 \rangle [45]^2 \langle 3|1+2|4 \rangle}{[24] [56] \langle 2|1+3|4 \rangle^3} + \\
& \frac{3 \langle 23 \rangle \langle 34 \rangle [45] \langle 2|1+3|5 \rangle}{\langle 12 \rangle \langle 24 \rangle [56] \langle 2|1+3|4 \rangle^2} + \\
& \frac{[45] (3 \langle 13 \rangle \langle 24 \rangle \langle 34 \rangle [45] \dots \langle 3 \text{ terms} \rangle \dots - 3 \langle 13 \rangle \langle 24 \rangle \langle 36 \rangle [56])}{\langle 12 \rangle \langle 24 \rangle [56] \langle 1|2+3|4 \rangle \langle 2|1+3|4 \rangle} + \\
& \frac{\langle 23 \rangle \langle 46 \rangle (5/4 \langle 12 \rangle \langle 36 \rangle [56] + 1/4 \langle 13 \rangle \langle 26 \rangle [56] + 1 \langle 12 \rangle \langle 34 \rangle [45])}{\langle 12 \rangle \langle 24 \rangle^2 \langle 1|2+3|4 \rangle \langle 2|1+3|4 \rangle} + \\
& \frac{-1 \langle 23 \rangle^2 \langle 46 \rangle^2 [56]}{\langle 24 \rangle^3 \langle 1|2+3|4 \rangle \langle 2|1+3|4 \rangle}
\end{aligned}$$