

$$\begin{aligned}
& \frac{[13]\langle 26 \rangle [35]\langle 9 \rangle [24] - 9/2 [34]\langle 34 \rangle + 9/2 [12]\langle 12 \rangle}{[34]\langle 2 \rangle [1+4|3]^3} + \\
& \frac{9/2 [13+4|2][13]^2 [26]^2}{[34]\langle 56 \rangle \langle 2 \rangle [1+4|3]^3} + \\
& \frac{9/2 [24]\langle 13 \rangle [35]^2 \langle 3 \rangle [1+2|4]}{[34][56]\langle 2 \rangle [1+4|3]^3} + \\
& \frac{[35]\langle 2 \rangle [14]\langle 14 \rangle \langle 24 \rangle [35]\langle 34 \rangle [34]^2 \dots \langle 8 \text{ terms} \rangle \dots + 2 [23]^2 \langle 24 \rangle [35]\langle 23 \rangle^2 [34]}{\langle 24 \rangle [34]^2 [56]\langle 1 \rangle [2+4|3]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{[13]\langle 16 \rangle \langle 9 \rangle [4|34][23]\langle 46 \rangle \langle 23 \rangle \dots \langle 3 \text{ terms} \rangle \dots + 2 \langle 14 \rangle [34]\langle 46 \rangle [14]}{[34]\langle 56 \rangle \langle 1 \rangle [2+4|3]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{[14]\langle 46 \rangle [13]\langle 26 \rangle (-9/4 \langle 14 \rangle [13]\langle 12 \rangle [14] - 3/4 \langle 24 \rangle [13]\langle 13 \rangle [34] + 9/4 \langle 24 \rangle [34]\langle 12 \rangle \langle 12 \rangle - 3 \langle 24 \rangle [13]\langle 12 \rangle [24])}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{[35][13]\langle 17 \rangle [4|24]\langle 24 \rangle [35]\langle 23 \rangle^2 [13] + 9/4 \langle 23 \rangle \langle 34 \rangle \langle 12 \rangle [13]^2 [45] - 9/4 [14]\langle 24 \rangle^2 [12]\langle 12 \rangle [45] - 17/4 [13]^2 \langle 13 \rangle [35]\langle 23 \rangle^2}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{\langle 26 \rangle (-1/2 [13]^3 \langle 13 \rangle \langle 16 \rangle \dots \langle 12 \text{ terms} \rangle \dots + 21/4 [14]\langle 14 \rangle \langle 46 \rangle [13][34])}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{-9/4 [13]^3 \langle 16 \rangle \langle 36 \rangle \langle 12 \rangle}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{[35]\langle -25 \rangle [4|14][35]\langle 34 \rangle \langle 12 \rangle [13] \dots \langle 4 \text{ terms} \rangle \dots - 31/4 [13]^2 \langle 13 \rangle [35]\langle 23 \rangle}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{2 [15]\langle 14 \rangle \langle 12 \rangle [13]^2 [45]}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]^2} + \\
& \frac{-3/4 \langle 26 \rangle [23]^2 \langle 16 \rangle s_{234}}{[34]\langle 56 \rangle \langle 1 \rangle [2+4|3]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{1 \langle 1 \rangle [3+4|2]\langle 26 \rangle [23]\langle 16 \rangle [13]}{[34]\langle 56 \rangle \langle 1 \rangle [2+4|3]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{-5/4 \langle 46 \rangle [23]\langle 16 \rangle s_{234}}{\langle 56 \rangle \langle 1 \rangle [2+4|3]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{1 \langle 14 \rangle [15][23]\langle 16 \rangle}{\langle 1 \rangle [2+4|3]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{-23/4 \langle 26 \rangle [23]\langle 16 \rangle [24]\langle 4 \rangle [1+2|3]}{[34]\langle 56 \rangle \langle 1 \rangle [2+4|3]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{\langle 46 \rangle [23]\langle 16 \rangle (-2 \langle 24 \rangle [24] + 2 [13]\langle 13 \rangle)}{\langle 56 \rangle \langle 1 \rangle [2+4|3]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{[35]\langle -9 \rangle [2 \rangle [14]^2 [13][45][14] \dots \langle 22 \text{ terms} \rangle \dots - 57/4 \langle 24 \rangle^2 [45][23][24]}{\langle 24 \rangle [34]^2 [56]\langle 1 \rangle [2+4|3]\langle 2 \rangle [1+4|3]} + \\
& \frac{[45]\langle -9 \rangle [2 \rangle [14][13]^2 [25]\langle 12 \rangle + 13 [23]\langle 14 \rangle \langle 24 \rangle [13][45] + 15/2 \langle 24 \rangle^2 [45][23]^2}{\langle 24 \rangle [34]^2 [56]\langle 1 \rangle [2+4|3]\langle 2 \rangle [1+4|3]} + \\
& \frac{[16]\langle 11 \rangle [2 \rangle [13][23]\langle 36 \rangle [34] + 49/4 [13]\langle 26 \rangle [23][24] - 9/4 [13][24]\langle 46 \rangle [34] + 3 [12]\langle 26 \rangle [23][34]}{[34]^2 [56]\langle 1 \rangle [2+4|3]\langle 2 \rangle [1+4|3]} + \\
& \frac{-3 \langle 26 \rangle [14]^2 \langle 24 \rangle (s_{24} - s_{13})[15]}{[34]\langle 2 \rangle [3+4|1]^2 \langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]} + \\
& \frac{[15]\langle 26 \rangle [14]\langle 3 \rangle [2 \rangle [13]\langle 34 \rangle + 3 \langle 24 \rangle [12]}{[34]\langle 2 \rangle [3+4|1]^2 \langle 2 \rangle [1+4|3]} + \\
& \frac{\langle 23 \rangle [14][45]\langle 1 \rangle [2 \rangle [13]\langle 46 \rangle \langle 23 \rangle - 1/2 \langle 24 \rangle [13]\langle 36 \rangle - 15/4 \langle 24 \rangle [12]\langle 26 \rangle}{\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]^2} + \\
& \frac{[13][45]\langle 26 \rangle [14]\langle 3 \rangle [2 \rangle [24][24]\langle 23 \rangle - 3/4 \langle 24 \rangle \langle 13 \rangle [14] + 13/4 [23]\langle 23 \rangle^2 + 1 [13]\langle 13 \rangle \langle 23 \rangle}{[34]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]^2} + \\
& \frac{[14][35]\langle 23 \rangle [4|14]\langle 34 \rangle \langle 12 \rangle [13][45] \dots \langle 3 \text{ terms} \rangle \dots - 17/4 \langle 24 \rangle^2 [45][14][24]}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]} + \\
& \frac{[13][45]^2 (-3/4 [13][23]\langle 23 \rangle^2 + 3/4 \langle 24 \rangle^2 [14][24] + 3/4 \langle 24 \rangle \langle 34 \rangle [34][14])}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]} + \\
& \frac{[13]\langle 36 \rangle \langle 26 \rangle \langle 21 \rangle [4|34][12]\langle 23 \rangle + 1 \langle 34 \rangle [34][14] + 25/4 \langle 14 \rangle [14]^2 - 25/4 [13]\langle 23 \rangle [24]}{[34]\langle 56 \rangle \langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]} + \\
& \frac{[13]\langle 26 \rangle (-11/4 [13]^2 \langle 13 \rangle \langle 36 \rangle \dots \langle 4 \text{ terms} \rangle \dots - 15/2 [13][23]\langle 36 \rangle \langle 23 \rangle)}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]} + \\
& \frac{[13][35]\langle 3 \rangle [4 \rangle [34]\langle 12 \rangle [15][14] \dots \langle 3 \text{ terms} \rangle \dots - 29/4 \langle 24 \rangle \langle 23 \rangle [25][14]}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]} + \\
& \frac{[13][15][45]\langle 3 \rangle [2 \rangle [13]\langle 12 \rangle \langle 34 \rangle - 5 \langle 14 \rangle \langle 24 \rangle [14] - 3/2 \langle 24 \rangle [12]\langle 12 \rangle}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]} + \\
& \frac{3 [13]^2 \langle 36 \rangle^2}{[34]\langle 56 \rangle \langle 2 \rangle [3+4|1]\langle 2 \rangle [1+4|3]} + \\
& \frac{[13]\langle 26 \rangle [24]\langle -13 \rangle [2 \rangle [26]\langle 24 \rangle - 2 \langle 16 \rangle [14]}{[34]^2 [56]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]} + \\
& \frac{[13][45][35]\langle 3 \rangle [2 \rangle [23]\langle 24 \rangle + 2 \langle 13 \rangle [14]}{[34]^2 [56]\langle 2 \rangle [1+4|3]\langle 2 \rangle [1+3|4]} + \\
& \frac{\langle 26 \rangle (-7/4 [13]\langle 46 \rangle [24] \dots \langle 3 \text{ terms} \rangle \dots - 35/4 [13][12]\langle 16 \rangle)}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]} + \\
& \frac{[13]\langle 36 \rangle \langle 3 \rangle [4 \rangle [46]\langle 34 \rangle + 7/4 [13]\langle 16 \rangle}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]} + \\
& \frac{[14]\langle 46 \rangle \langle 15 \rangle [4|13]\langle 16 \rangle + 21/4 \langle 46 \rangle [34]}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]} + \\
& \frac{[35]\langle -23 \rangle [4|13][45]\langle 34 \rangle \dots \langle 4 \text{ terms} \rangle \dots + 9/4 \langle 24 \rangle [25][14]}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]} + \\
& \frac{9/2 \langle 14 \rangle [13][45][15]}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [1+4|3]} + \\
& \frac{[23]\langle 16 \rangle (-3 [23]\langle 36 \rangle + 3/4 \langle 46 \rangle [24])}{[34]\langle 56 \rangle \langle 1 \rangle [2+4|3]^2} + \\
& \frac{[14][45]\langle 23 \rangle (-1 [13]\langle 36 \rangle - 13/4 [12]\langle 26 \rangle)}{[34]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+3|4]^2} + \\
& \frac{\langle 26 \rangle [14]\langle 39 \rangle [4|12]\langle 26 \rangle [24] \dots \langle 3 \text{ terms} \rangle \dots - 3/4 [12]\langle 16 \rangle [14]}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+3|4]} + \\
& \frac{[14]\langle 36 \rangle \langle 3 \rangle [13]\langle 16 \rangle [14] + 9/2 [13]\langle 36 \rangle [34] + 19/4 [14]\langle 46 \rangle [34]}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+3|4]} + \\
& \frac{-3/2 \langle 46 \rangle \langle 16 \rangle [14]^3}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+3|4]} + \\
& \frac{[14][45][35]\langle 25 \rangle [4 \rangle [34][14] - 3/2 [12]\langle 23 \rangle}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+3|4]} + \\
& \frac{[13][45]\langle 11 \rangle \langle 23 \rangle [25][14] - 43/4 [12][45]\langle 23 \rangle - 15/4 \langle 34 \rangle [45][14]}{[34]^2 [56]\langle 2 \rangle [3+4|1]\langle 2 \rangle [1+3|4]} + \\
& \frac{-3/4 [13][12]\langle 26 \rangle \langle 36 \rangle}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]} + \\
& \frac{-11/4 [13]^2 \langle 36 \rangle^2}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]} + \\
& \frac{9/4 \langle 46 \rangle^2 [14]^2}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]} + \\
& \frac{[15][35]\langle -6 \rangle [34][14] + 3/2 [12]\langle 23 \rangle}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]} + \\
& \frac{[15][45]\langle 5 \rangle [2 \rangle [13]\langle 34 \rangle - 63/4 \langle 24 \rangle [12]}{\langle 24 \rangle [34]^2 [56]\langle 2 \rangle [3+4|1]} + \\
& \frac{51/4 [15][25][14]}{[34]^2 [56]\langle 2 \rangle [3+4|1]}
\end{aligned}$$