$$\frac{\langle 46\rangle(2/3\langle 23\rangle[24]\langle 12\rangle[34][12][35]\ldots\langle 17\text{ terms}\rangle\ldots-1\langle 23\rangle^2[45][23]^2[34])}{\langle 12\rangle^2[13][34]^2\langle 56\rangle[56]s_{123}}+$$

$$\frac{1/3\langle 46\rangle[14]\langle 1|2+3|5][12]^2}{[13][34]\langle 56\rangle[56]\langle 1|2+3|1]s_{123}}+$$

$$\frac{[12]^2\langle 46\rangle(13/3\langle 23\rangle[35][24]-13/3[13][45]\langle 13\rangle+13/3[35][14]\langle 13\rangle)}{[13][34]\langle 56\rangle[56]\langle 1|2+3|1]s_{123}}+$$

$$\frac{-1/4(s_{13}-s_{24})\langle 13\rangle(s_{123}-s_{234})[35]\langle 16\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 1|2+3|4]^2\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{1\langle 13\rangle^2[34][45]\langle 16\rangle\langle 34\rangle}{\langle 12\rangle^2\langle 14\rangle[14]\langle 1|2+3|4]^2}+$$

$$\frac{-1/4\langle 13\rangle[25|(s_{123}-s_{234})\langle 16\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 1|2+3|4]^2\Delta_{14|23|56}}+$$

$$\frac{-1/2\langle 3|1+2|3]\langle 6|1+4|5](s_{124}-s_{134})(s_{13}-s_{24})}{\langle 1|2+3|4]\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{[13](-1\langle 12\rangle\langle 13\rangle[12][15]\langle 16\rangle\ldots\langle 3\text{ terms}\rangle\ldots-1\langle 12\rangle\langle 13\rangle[12][45]\langle 46\rangle)}{\langle 14\rangle[14]\langle 24\rangle[34]\langle 1|2+3|4]\langle 2|1+4|3]}+$$

$$\frac{-1/4\langle 26\rangle(s_{15}+s_{16}+s_{45}+s_{46})\langle 1|3+4|2]\langle 46\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 56\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{-1(s_{13}-s_{24})\langle 13\rangle[35]\langle 46\rangle\langle 3|1+4|2]}{\langle 14\rangle\Delta_{14|23|56}\langle 1|2+3|4]\langle 2|1+4|3]}+$$

$$\frac{\langle 3|1+4|2](-3/8[15]\langle 16\rangle[12]\langle 12\rangle\ldots\langle 6\text{ terms}\rangle\ldots-5/8[45][24]\langle 46\rangle\langle 24\rangle)}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[45]\langle 36\rangle(s_{134}-s_{124})(-1/2\langle 14\rangle[12]+3/2[23]\langle 34\rangle)}{\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{1/2(s_{23}-s_{56})\langle 12\rangle[25]\langle 46\rangle\langle 3|1+4|2]}{\langle 14\rangle\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{\langle 3|1+4|2](s_{23}-s_{56})(1/4[15]\langle 16\rangle[12]\langle 12\rangle+1/4[13][45]\langle 46\rangle\langle 13\rangle)}{\langle 14\rangle[14]\langle 1|2+3|4]\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{[12](-2\langle 26\rangle\langle 13\rangle^4[34][13]^2[35]\ldots\langle 6\text{ terms}\rangle\ldots+2\langle 12\rangle\langle 13\rangle^3[13]^3[45]\langle 16\rangle)}{\langle 12\rangle^2[13\rangle\langle 14\rangle[14]34\rangle\langle 56\rangle[56]\langle 1|2+3|1]\langle 1|2+3|4]}+$$

$$\frac{2[24]\langle 12\rangle^3[12[13[45]\langle 46\rangle\langle 34\rangle\ldots\langle 46\text{ terms}\rangle\ldots+2\langle 14\rangle\langle 26\rangle\langle 12\rangle^2\langle 13\rangle[12]^2[13][45]}{\langle 12\rangle^2[13]\langle 14\rangle[14]\langle 24\rangle[34]\langle 56\rangle[56]\langle 1|2+3|4]}+$$

$$\frac{[12]\langle 12\rangle[25](-2[13]^2\langle 46\rangle\langle 13\rangle^2+2\langle 14\rangle\langle 26\rangle[12]^2\langle 12\rangle)}{[13\rangle\langle 14\rangle\langle 24\rangle[34]\langle 56\rangle[56]\langle 1|2+3|1]\langle 1|2+3|4]}+$$

$$\frac{-1[25]\langle 46\rangle\langle 3|1+4|2]\langle 13\rangle}{\langle 14\rangle\Delta_{14|23|56}\langle 1|2+3|4]}+$$

$$\frac{21/8\langle 3|1+4|2]\langle 36\rangle[25]}{\langle 1|2+3|4]\Delta_{14|23|56}}+$$

$$\frac{2[13][35]\langle 36\rangle}{[34]\langle 2|1+4|3]^2}+$$

$$\frac{-1/2[13]\langle 6|1+4|5](s_{124}-s_{134})\langle 34\rangle}{\langle 2|1+4|3]^2\Delta_{14|23|56}}+$$

$$\frac{2[13][45]\langle 36\rangle}{\langle 12\rangle[14][34]\langle 2|1+4|3]}+$$

$$\frac{1/2[35]\langle 46\rangle\langle 3|1+4|2]\langle 34\rangle}{\langle 14\rangle\Delta_{14|23|56}\langle 2|1+4|3]}+$$

$$\frac{9/16\langle 3|1+4|2][15]\langle 46\rangle}{\langle 2|1+4|3]\Delta_{14|23|56}}+$$

$$\frac{109/36\langle 26\rangle[24]\langle 13\rangle[13][45]}{\langle 12\rangle^2[14][34]^2\langle 56\rangle[56]}+$$

$$\frac{-5\langle 14\rangle\langle 26\rangle\langle 13\rangle^2[13]^2[15]\ldots\langle 32\text{ terms}\rangle\ldots+2\langle 23\rangle\langle 13\rangle[34][13][35]\langle 46\rangle\langle 34\rangle}{\langle 12\rangle^2[13]\langle 14\rangle[14]\langle 24\rangle[34]\langle 56\rangle[56]}+$$

$$\frac{1/3\langle 26\rangle\langle 1|3+4|1][23][15][14]}{\langle 12\rangle\langle 13][34]^2\langle 56\rangle[56]\langle 2|3+4|1]}+$$

$$\frac{[12](-1/3\langle 14\rangle\langle 26\rangle\langle 24\rangle[25][14]\ldots\langle 6\text{ terms}\rangle\ldots-1/3\langle 14\rangle^2[15][14]\langle 26\rangle)}{\langle 12\rangle[13\rangle\langle 24\rangle34\rangle\langle 56\rangle[56]\langle 1|2+3|1]}+$$

$$\frac{[12](-4/3[13][25]\langle 26\rangle\langle 13\rangle^2\ldots\langle 5\text{ terms}\rangle\ldots+2/3[13]\langle 16\rangle[15]\langle 13\rangle^2)}{\langle 12\rangle\langle 14\rangle[14]34\rangle\langle 56\rangle[56]\langle 1|2+3|1]}+$$

$$\frac{1/3\langle 14\rangle[24]\langle 1|3+4|1\rangle\langle 6|1+5|4\rangle\langle 24\rangle[12][15]}{\langle 12\rangle[13][34]\langle 56\rangle[56]\langle 4|2+3|4]((3|2|5+6|1|3]-\langle 2|4|5+6|1|2])}+$$

$$\frac{[15][12](1/3[13][23]\langle 26\rangle\langle 13\rangle^2\ldots\langle 3\text{ terms}\rangle\ldots+1/3\langle 14\rangle\langle 26\rangle\langle 13\rangle[34][12])}{\langle 12\rangle[13][34]\langle 56\rangle[56]\langle (3|2|5+6|1|3]-\langle 2|4|5+6|1|2])}+$$

$$\frac{\langle 13\rangle[15][12](1/3[13\rangle\langle 12\rangle[25]-1/3[35][12\rangle\langle 12\rangle-1/3[35][24\rangle\langle 24\rangle)}{\langle 12\rangle[13][34][56](\langle 3|2|5+6|1|3]-\langle 2|4|5+6|1|2])}+$$

$$\frac{1/3\langle 23\rangle\langle 13\rangle[23][12][15]^2}{[34][56]\langle 2|3+4|1](\langle 3|2|5+6|1|3]-\langle 2|4|5+6|1|2])}+$$

$$(123456\rightarrow\overline{432165})+$$

$$\frac{7/32\langle 6|1+4|5](s_{25}+s_{26}+s_{35}+s_{36})\langle 3|1+4|2](s_{123}-s_{234})(s_{124}-s_{134})}{\Delta_{14|23|56}^2\langle 1|2+3|4]\langle 2|1+4|3]}$$