$$\langle 2, \langle 1, c \rangle \rangle$$

$$as_{A+B,C,D}$$

$$\langle A + B \rangle + (C + D)$$

$$as_{A,B,C+D}$$

$$\langle 1, \langle 2, c \rangle \rangle \qquad ((A + B) + C) + D$$

$$as_{A,B,C} + id_{D} \downarrow \qquad \qquad \uparrow id_{A} + as_{B,C,D}$$

$$\langle A + (B + C) \rangle + D$$

$$as_{A,B,C+D}$$

$$\langle 1, \langle 2, \langle 2, c \rangle \rangle \rangle \qquad \Rightarrow \langle 1, \langle 2, \langle 2, c \rangle \rangle \rangle \qquad \Rightarrow \langle 2, \langle 1, \langle 2, c \rangle \rangle \rangle$$