$$\langle 1, \langle 2, b \rangle \rangle \longmapsto \langle 2, \langle 1, b \rangle \rangle$$

$$(A + B) + C \xrightarrow{\text{as}_{A,B,C}} A + (B + C)$$

$$\downarrow f + (g + h)$$

$$(A' + B') + C'_{\text{as}_{A',B',C'}} A' + (B' + C')$$

$$\langle 1, \langle 2, g(b) \rangle \rangle \longmapsto \langle 2, \langle 1, g(b) \rangle \rangle$$