$$\begin{aligned}
\partial_t^{micro}\langle x_2\rangle &:= k\langle x_1\rangle + (d-k)\langle x_2\rangle \\
&= k\langle x_1\rangle + \alpha(d-k)\langle x_1\rangle \\
&= (k + \alpha(d-k))\langle x_1\rangle \; .
\end{aligned}$$