

**Appendix 2.** The 25 statements used during q-sort exercises with individuals from Noorvik (n = 7), Noatak (n=6), and Brevig Mission (n=9) in March 2017. Scores ranged from strongly agree (4) to neutral (0) to strongly disagree (-4). # indicates statement number.

#	Statement	Median
9	Without subsistence rights this community would not survive	3
11	Technology has helped our children get a better education	2
18	Limited access to money is a big reason why people do not do subsistence	2
12	Jobs keeps this community alive	1
13	Technology has had a positive experience in our community	1
1	Technology helps increase communication among people in the community	0
2	People of this community use technology to have more of a say in resource management	0
4	The community has kept up with changes in technology	0
6	The need for technology makes it hard for youth to get started doing subsistence	0
7	Technology can be used to address social issues like alcohol or drug use, poor education, low employment	0
10	Technology will be able to help us deal with climate change	0
14	Our youth are very active in subsistence practices	0
15	Climate change is not a threat to our community	0
19	Contaminants are the biggest concern in our subsistence resources and need to be tested	0
20	The children in our community are learning enough about subsistence	0
21	Technology has helped the community get more subsistence foods	0
23	People in the community do more subsistence now because of technology	0
24	Technology gives people from outside of our community more of an advantage to get subsistence foods	0
25	The benefits from technology outweigh the negatives like needing to pay for gas, maintain equipment, etc.	0
3	The economy is a not bigger issue for our community than climate change	-1
5	Technology will be not be important in solving future challenges the community may face	-1
8	Our community is more isolated from other communities because of technology	-1
16	People depend on technology too much when doing subsistence	-1
17	The changing climate is negatively affecting subsistence resources	-1
22	Children need to know less from elders because of technology	-3