Multimedia Appendix 7

It was found that three narratives could not be recommended (i.e., did not appear in NarraGive's top-10 list for any participant) when NarraGive was trained on any combination of NEON Trial data, NEON-O Trial data, Hopefulness rating set, either of the two Similarity rating sets, and any of the three filtering algorithms.

Accesses to narratives 1, 2 and 3 are summarized in Table S1.

Narrative	Hope	Similarity to Narrator	Similarity to Narrative	Learning	Empathy	Trial
1	0	Not given	Not given	Not given	Not given	NEON
1	-1	Not given	Not given	Not given	Not given	NEON-O
1	-1	Not given	Not given	Not given	Not given	NEON-O
1	1	Not given	Not given	Not given	Not given	NEON
2	1	Not given	Not given	Not given	Not given	NEON
2	0	Not given	Not given	Not given	Not given	NEON-O
3	1	1	1	1	1	NEON-O
3	0	Not given	Not given	Not given	Not given	NEON-O
3	1	Not given	Not given	Not given	Not given	NEON-O
3	0	Not given	Not given	Not given	Not given	NEON

Table S1 - Narrative ratings for the three unrecommendable narratives using synthetic narrative IDs to avoid identification.

Each row represents a rating given by a participant. The table shows all ratings for the three narratives.