

## Appendix A. Summary of research objectives/questions and analysis methods

Objective	Research Question	Analysis Method
<p>Obj. 1: To systematically compare the differences in data generated among four data collection modalities: face-to-face, synchronous/video-based, synchronous/text-based, and asynchronous/text-based.</p>	<p>How does thematic content differ between data collection modalities?</p> <p>H1: Data generated from face-to-face modalities will be “richer” than data from online modalities.</p> <p>H2: Online techniques will elicit sensitive/personal information in more transcripts than face-to-face techniques.</p>	<p>a) Word count comparison between online and face-to-face modalities to assess relative amount of text generated by participant(s) across modalities; b) comparison of thematic code application across modalities to assess variation in thematic content across modalities; c) comparison of transcripts with sensitive personal themes between combined online and face-to-face conditions.</p>
<p>Objective 2: To compare patient experiences of the data collection process across the four data collection modalities.</p>		<p>a) Summary descriptive statistics of participant responses to exit survey; b) Kruskal-Wallis test to assess significance of differences in participant experience measures across modalities</p>
<p>Objective 3: To compare the cost of various data collection method and modality combinations</p>		<p>Comparison of cost and time inputs across arms</p>