

Appendix 1. Sample size calculation

```
sampSizeForQual = function(Power, ThemePrevalence, NumInstances) { qnbinom(Power, size =  
NumInstances, prob = ThemePrevalence) + NumInstances
```

```
}
```

```
sampSizeForQual(0.9, 0.1, 2)
```

```
[1] 38
```

Code run via R-Fiddle (<http://www.r-fiddle.org>)