

Original TDF
12 domains, 112 unique constructs

Sort tasks

Open sort
Task: Participants sorted constructs into groups of their choice and labelled the groups created according to their content, and gave confidence ratings. **Analysis:** Optimal grouping of constructs identified using Fuzzy Cluster analysis.

Closed sort
Task: Participants sorted and rated constructs into the domains defined in the original framework. **Analysis:** Extent to which each construct belongs to original 12 domains was assessed by Discriminant Content Validation (DCV) methods.

Steps taken to validate the framework

Step 1: Identify domains

Identify domains that develop naturally out of sorted component constructs when there is no indication of original domain

Identify additional domains not identified in open sort task which have relevant constructs highly rated as belonging to them.

Check congruence with original framework

Step 2: Establish domain content

Use construct allocations to clusters to inform content of *newly formed* domains.

Use construct allocations to domains to inform content of *pre-existing* domains.

Step 3: Finalise domain labels

Use labels given by participants and domain content to inform *newly formed* domain names

Use domain labels from original framework to inform *pre-existing* domain names

Refined Framework
14 domains
84 component constructs