

Intended dimension	Item Wording	5M Components										8M Components										12M Components														
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10					
Anxiety	Is obviously startled by loud or unexpected sounds			<b>0.78</b>										<b>0.76</b>												<b>0.74</b>										<b>0.81</b>
	Is obviously startled by odd or unexpected things or objects			<b>0.78</b>										<b>0.84</b>												<b>0.75</b>									<b>0.76</b>	
	Is anxious or uneasy in new situations			<b>0.69</b>										<b>0.74</b>												<b>0.67</b>									<b>0.76</b>	
Adaptability	Backs away from or is reluctant to pass objects on the street (such as collecting boxes, bin bags or children's ride-on toys)			<b>0.66</b>										<b>0.76</b>											<b>0.67</b>									<b>0.87</b>		
	Appears uneasy on closed stairs																																		<b>0.83</b>	
	Appears uneasy on open or unusual (e.g. glass) stairs																																		<b>0.83</b>	
Attentiveness	Adapts well to new situations and environments			<b>0.54</b>	<b>-0.52</b>									<b>0.55</b>	<b>-0.54</b>										<b>0.51</b>	<b>-0.63</b>									<b>0.58</b>	
	Recovers quickly after being unsettled or frightened			<b>0.49</b>	<b>-0.49</b>									<b>0.40</b>	<b>-0.56</b>										<b>0.51</b>	<b>-0.58</b>									<b>0.58</b>	
	Attention can be attracted easily but it loses interest soon																																			
Body Sensitivity	Is attentive to you																																			
	Will look at you when you talk to it directly in the home environment																																			
	Attention can be easily distracted																																			
Distractibility	Is uneasy with being physically handled/groomed																																			
	Appears uneasy or uncomfortable when putting on Guide Dog equipment (including collars)																																			
	Shows a rapid response to correction by handling																																			
Excitability	Is reluctant to walk close to the handler																																			
	Pulls (including lunging) towards unfamiliar dogs																																			
	Shows interest (attempts to greet, sniffs, wags tail) when directly approached by children or member of the public																																			
Imaturity	Shows interest (attempts to greet, sniffs, wags tail) when passing children or members of the public																																			
	Shows interest (attempts to greet, sniffs, wags tail) when it encounters other dogs																																			
	Pulls towards/distracted by food on the ground or food scents																																			
Trainability	Attempts to sniff objects in the street																																			
	Exhibits a high degree of excitement (jumps up, barks, coughs etc) when goes somewhere new																																			
	Exhibits a high degree of excitement (jumps up, barks, coughs etc) when you initially enter the home																																			
Miscellaneous	Is calm and quiet																																			
	Is initially excitable (jumps up, barks, coughs etc), but quickly settles																																			
	Is active and energetic																																			

Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization. a Rotation converged in 27 iterations.

Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization. a Rotation converged in 8 iterations.

Extraction Method: Principal Component Analysis. Rotation Method: Varimax with Kaiser Normalization. a Rotation converged in 11 iterations.

**Supplementary Table 4.** PCA loadings from each age at assessment (5, 8 and 12 months) for 38\* of the items from the PTSQ. Results given are component loadings based upon varimax rotation, with loadings below 0.4 suppressed. Items are ordered according to the groups they were designed for and expected to form. Those highlighted represent five groupings of items that emerged together as groups consistently from every one of the three PCA's. A key to the names of the highlighted groups can be found below. \* the 38th item was only asked when dogs were 12 months of age so was not included in the PCA's and was treated as a miscellaneous item.

- General Anxiety
- Stair Anxiety
- Adaptability (although these items grouped with General Anxiety at all three ages they were in the opposite direction and also showed some cross-loadings at all ages so we chose to analyse these as a separate group)
- Body Sensitivity
- Distractibility







