Supplemental Digital Content

Table SDC-1. Means and standard deviations for all relevant measures in Study 1

Measure / Condition	Strong underprediction (n = 40)	Moderate underprediction (n = 41)
Sample characteristics		
Sex (N, % female)	20, 50%	21, 51%
Age	23.2 ± 2.6	22.6 ± 2.8
Nationality (N, % Dutch)	20, 50%	21, 51%
Baseline pain [a]	0.2 ± 0.4	0.3 ± 0.6
Pain outcomes		
Temperature high reference & test stimuli (°C)	47.4 ± 2.1	47.4 ± 1.7
Expected pain intensity [a]		
Prior to post-suggestion trial 1	1.4 ± 2.1	5.6 ± 2.1
Prior to post-suggestion trial 2	4.9 ± 2.2	6.6 ± 1.8
Prior to post-suggestion trial 3	5.2 ± 1.8	6.2 ± 2.0
Prior to post-suggestion trial 4	5.2 ± 1.9	5.9 ± 1.9
Prior to post-suggestion trial 5	3.4 ± 2.1	6.3 ± 2.0
Prior to post-suggestion trial 6	5.1 ± 2.0	6.3 ± 1.8
Prior to post-suggestion trial 7	5.4 ± 1.8	6.3 ± 2.3
Prior to post-suggestion trial 8	5.5 ± 1.9	6.1 ± 2.3
Certainty of pain expectation [a]		
Prior to post-suggestion trial 1	7.4 ± 2.4	6.2 ± 2.7
Prior to post-suggestion trial 2	5.0 ± 2.5	6.6 ± 2.4
Prior to post-suggestion trial 3	5.5 ± 2.5	6.6 ± 2.4
Prior to post-suggestion trial 4	5.8 ± 2.7	6.2 ± 2.7
Prior to post-suggestion trial 5	4.4 ± 2.6	6.9 ± 2.1
Prior to post-suggestion trial 6	5.7 ± 2.8	6.7 ± 2.8
Prior to post-suggestion trial 7	6.1 ± 2.7	6.6 ± 2.3
Prior to post-suggestion trial 8	6.0 ± 2.8	7.0 ± 2.1
Fear of upcoming pain [a]		
Prior to post-suggestion trial 1	1.0 ± 1.6	2.7 ± 2.3
Prior to post-suggestion trial 2	2.6 ± 2.6	3.7 ± 2.6
Prior to post-suggestion trial 3	2.1 ± 2.2	3.0 ± 2.7
Prior to post-suggestion trial 4	2.0 ± 2.2	3.0 ± 2.8
Prior to post-suggestion trial 5	1.6 ± 1.9	3.3 ± 2.6
Prior to post-suggestion trial 6	1.9 ± 1.9	2.9 ± 2.7
Prior to post-suggestion trial 7	1.8 ± 1.7	2.7 ± 2.7
Prior to post-suggestion trial 8	1.8 ± 2.0	2.7 ± 2.8
Pain intensity [a]		
High reference trials (average)	6.7 ± 0.9	6.4 ± 1.4
Post-suggestion trial 1	6.1 ± 1.7	7.0 ± 1.5
Post-suggestion trial 2	5.6 ± 1.6	6.4 ± 1.6
Post-suggestion trial 3	5.6 ± 1.6	6.2 ± 1.8
Post-suggestion trial 4	5.7 ± 1.7	6.3 ± 1.8
Post-suggestion trial 5	5.3 ± 1.9	6.2 ± 1.9
Post-suggestion trial 6	5.5 ± 1.7	6.3 ± 2.0
Post-suggestion trial 7	5.6 ± 1.8	6.3 ± 2.1
Post-suggestion trial 8	5.7 ± 1.9	6.3 ± 2.3
Pain unpleasantness [a]		
Post-suggestion trial 1	5.4 ± 2.0	6.5 ± 2.1
Post-suggestion trial 2	4.3 ± 1.9	5.3 ± 2.7
Post-suggestion trial 3	4.4 ± 2.0	5.0 ± 3.0
Post-suggestion trial 4	4.3 ± 2.0	5.2 ± 3.3
Post-suggestion trial 5	4.4 ± 2.1	5.3 ± 3.1
Post-suggestion trial 6	4.5 ± 2.1	5.1 ± 3.2
Post-suggestion trial 7	4.6 ± 2.3	5.1 ± 3.2

Measure / Condition	Strong underprediction (n = 40)	Moderate underprediction (n = 41)
Post-suggestion trial 8	4.7 ± 2.4	5.2 ± 3.4
Autonomic responses		
Heart rate		
Rest	77.1 ± 12.4	74.3 ± 11.4
High reference trials (average)	77.3 ± 12.2	74.8 ± 10.7
Post-suggestion trial 1	75.9 ± 12.7	74.8 ± 11.1
Post-suggestion trial 2	76.2 ± 11.3	73.9 ± 10.6
Post-suggestion trial 3	75.8 ± 12.1	73.2 ± 11.2
Post-suggestion trial 4	75.4 ± 11.9	74.1 ± 11.5
Post-suggestion trial 5	74.6 ± 12.1	73.1 ± 10.1
Post-suggestion trial 6	74.8 ± 11.8	74.0 ± 10.8
Post-suggestion trial 7	76.1 ± 11.0	74.0 ± 11.0
Post-suggestion trial 8	74.9 ± 11.1	73.1 ± 9.5
Skin conductance level		
Rest	4.6 ± 2.9	4.7 ± 2.6
High reference trials (average)	7.6 ± 2.9	7.7 ± 2.9
Post-suggestion trial 1	7.6 ± 2.8	8.1 ± 3.1
Post-suggestion trial 2	7.3 ± 2.8	7.5 ± 2.8
Post-suggestion trial 3	7.1 ± 2.8	7.1 ± 2.7
Post-suggestion trial 4	7.0 ± 2.8	6.9 ± 2.7
Post-suggestion trial 5	6.8 ± 2.6	7.2 ± 2.8
Post-suggestion trial 6	6.8 ± 2.6	7.0 ± 2.7
Post-suggestion trial 7	6.7 ± 2.6	6.8 ± 2.7
Post-suggestion trial 8	6.6 ± 2.6	6.8 ± 2.7
Skin conductance response (amplitude first response)		
Rest	0.1 ± 0.2	0.2 ± 0.3
High reference trials (average)	0.2 ± 0.2	0.3 ± 0.4
Post-suggestion trial1	0.3 ± 0.4	0.3 ± 0.4
Post-suggestion trial2	0.3 ± 0.3	0.2 ± 0.3
Post-suggestion trial 3	0.2 ± 0.3	0.2 ± 0.2
Post-suggestion trial 4	0.2 ± 0.3	0.2 ± 0.3
Post-suggestion trial 5	0.2 ± 0.3	0.3 ± 0.4
Post-suggestion trial 6	0.2 ± 0.3	0.3 ± 0.4
Post-suggestion trial 7	0.2 ± 0.2	0.2 ± 0.3
Post-suggestion trial 8	0.2 ± 0.2	0.2 ± 0.4
Skin conductance response (amplitude first response, extended latency window)		
Rest	0.1 ± 0.2	0.2 ± 0.3
High reference trials (average)	0.4 ± 0.4	0.5 ± 0.4
Post-suggestion trial 1	1.1 ± 0.9	1.3 ± 1.0
Post-suggestion trial 2	0.4 ± 0.4	0.5 ± 0.6
Post-suggestion trial 3	0.3 ± 0.3	0.3 ± 0.3
Post-suggestion trial 4	0.3 ± 0.4	0.3 ± 0.4
Post-suggestion trial 5	0.3 ± 0.4	0.4 ± 0.4
Post-suggestion trial 6	0.3 ± 0.6	0.3 ± 0.3
Post-suggestion trial 7	0.3 ± 0.4	0.2 ± 0.3
Post-suggestion trial 8	0.2 ± 0.2	0.2 ± 0.4
Psychological outcomes		
STAI-Ss – state anxiety (post)	31.8 ± 8.8	31.8 ± 9.2
Previous experience with heat pain tests (N, % yes)	3, 8%	4, 10%
Pain intensity during previous heat pain test [a] (n = 7)	7.6 ± 1.5	4.4 ± 2.2
Focus on sensations during tests [b]	8.3 ± 1.5	8.6 ± 1.5
Confidence in knowledge of study purpose [b]	3.3 ± 2.5	3.0 ± 2.5
Observation discrepancy pain intensity post-suggestion vs low reference stimuli [c]	8.1 ± 1.4	8.1 ± 2.1
Observation discrepancy pain intensity post-suggestion vs high reference stimuli [c]	5.6 ± 1.6	5.9 ± 1.9

Measure \ Condition	Strong underprediction (n = 40)	Moderate underprediction (n = 41)
Observation discrepancy actual vs expected pain intensity post-suggestion stimulus [c]	6.5 ± 2.2	5.4 ± 2.2
Observation discrepancy actual vs instructed pain intensity post-suggestion stimulus [c]	7.6 ± 2.1	5.1 ± 1.8
Trustworthiness experimenter A [a]	6.8 ± 2.6	7.7 ± 2.1
Trustworthiness experimenter B [a] (who gave verbal suggestions)	5.5 ± 3.0	6.9 ± 2.5
Response bias		
Concerned what experimenter thought [b]	3.3 ± 3.2	2.6 ± 2.6
Changed responses to help experimenter [b]	1.4 ± 2.3	1.2 ± 1.8
Sense owed it to experimenter to report less or more pain [d]	4.3 ± 1.6	4.7 ± 1.1
Provided answers experimenter wanted to hear [b]	1.8 ± 2.6	1.6 ± 2.1
Psychological characteristics		
LOT-R – optimism	16.1 ± 3.2	15.8 ± 3.4
GTS – general trust	4.6 ± 1.0	4.5 ± 1.2
PCS – pain catastrophizing	13.7 ± 8.7	14.3 ± 8.3
SMS-R ability to modify self-presentation	22.8 ± 4.4	22.0 ± 4.3
SMS-R sensitivity to others	20.3 ± 3.5	20.2 ± 3.5
STAI-T – trait anxiety	37.9 ± 8.7	36.5 ± 6.9
STAI-Ss – state anxiety (baseline)	32.0 ± 8.5	30.3 ± 7.8
Baseline fatigue [a]	3.1 ± 2.2	3.2 ± 2.3

Note. Means and standard deviations (*M* ± *SD*) are presented for all available data. [a] = range 0 (*no(t) at all*) – 10 (*most imaginable*); [b] = range 0 (*not at all*) – 10 (*very (much)*); [c] = range 0 (*much less*) – 5 (*equal*) – 10 (*much more*); [d] = range 0 (*much less pain*) – 10 (*much more pain*).
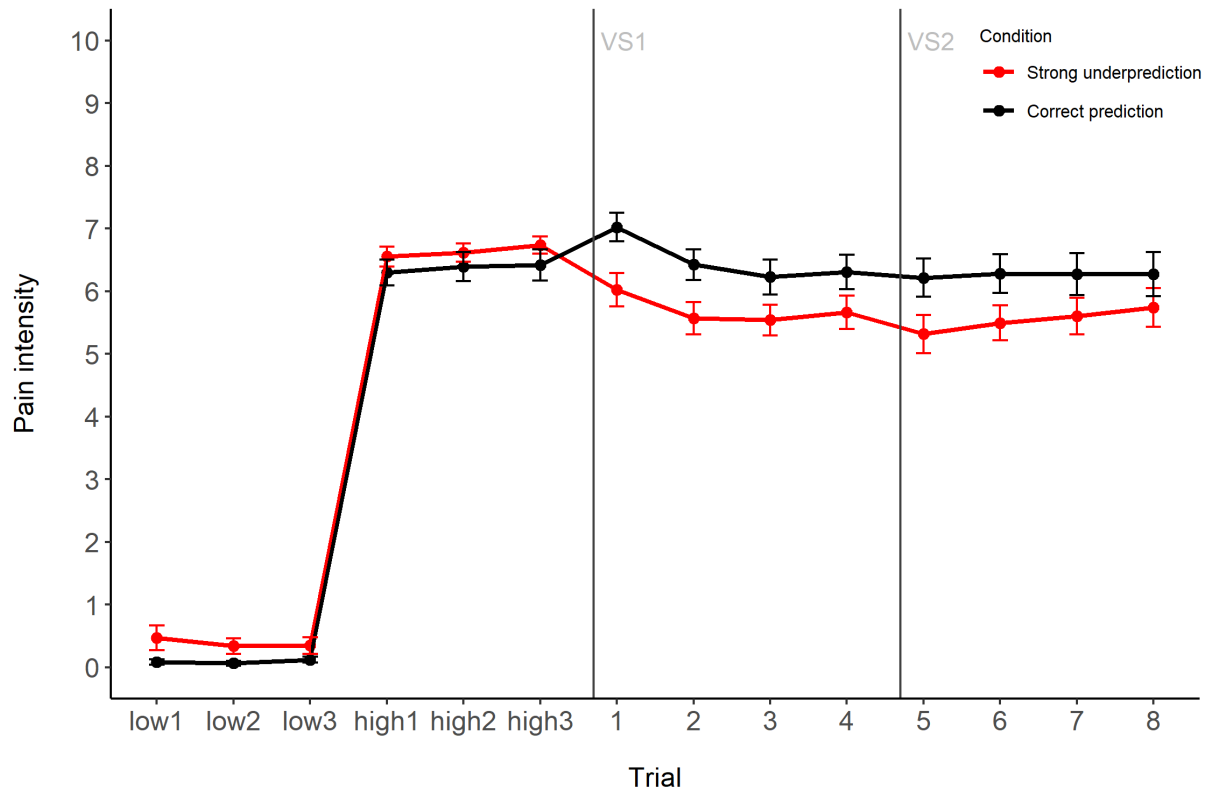
Figure SDC-1.

Pain intensity ratings (mean ± standard error) for the 3 low reference trials, 3 high reference trails, and the 8 post-suggestion trials per condition in Study 1.

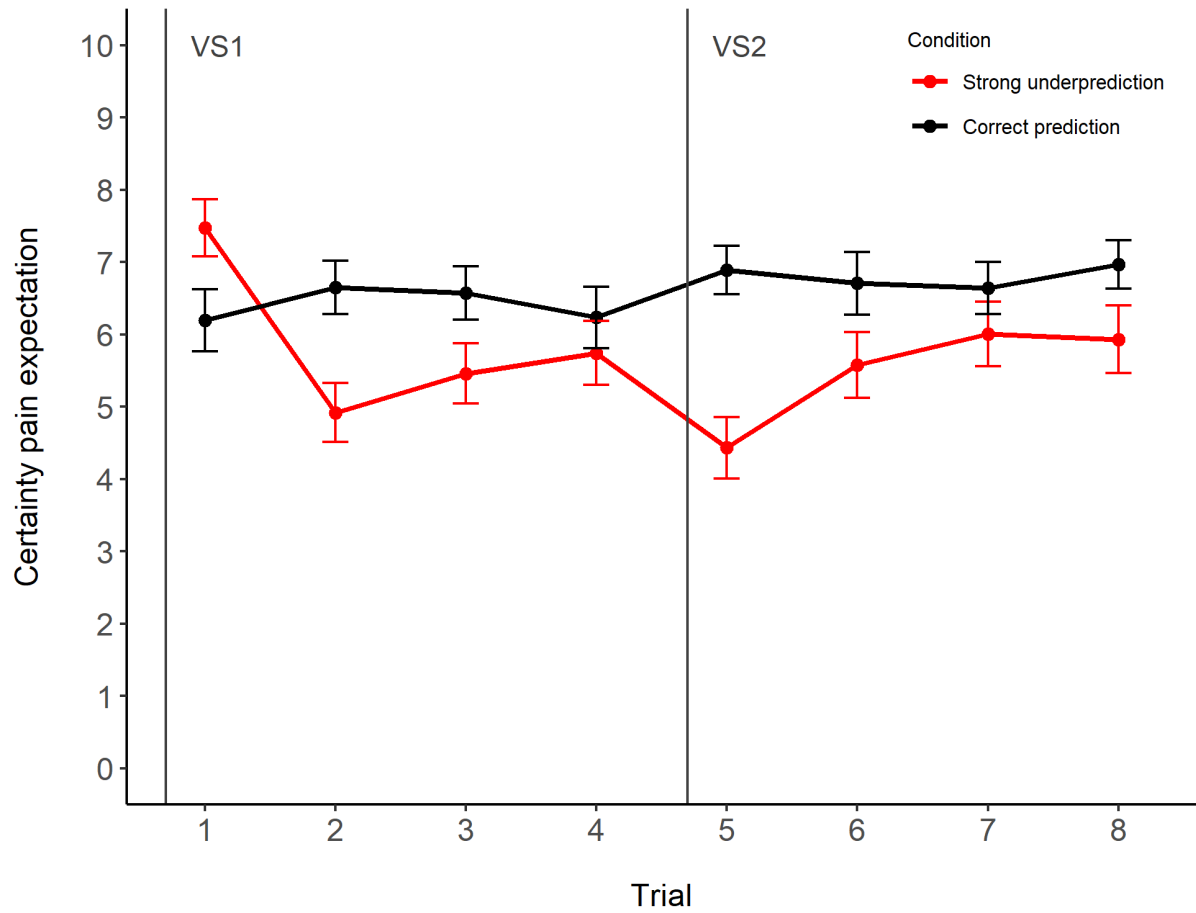Low = low reference stimulus; high = high reference stimulus; VS = verbal suggestion.

Figure SDC-2.

Certainty of pain expectation ratings (mean ± standard error) for the 8 post-suggestion trials per condition in Study 1.
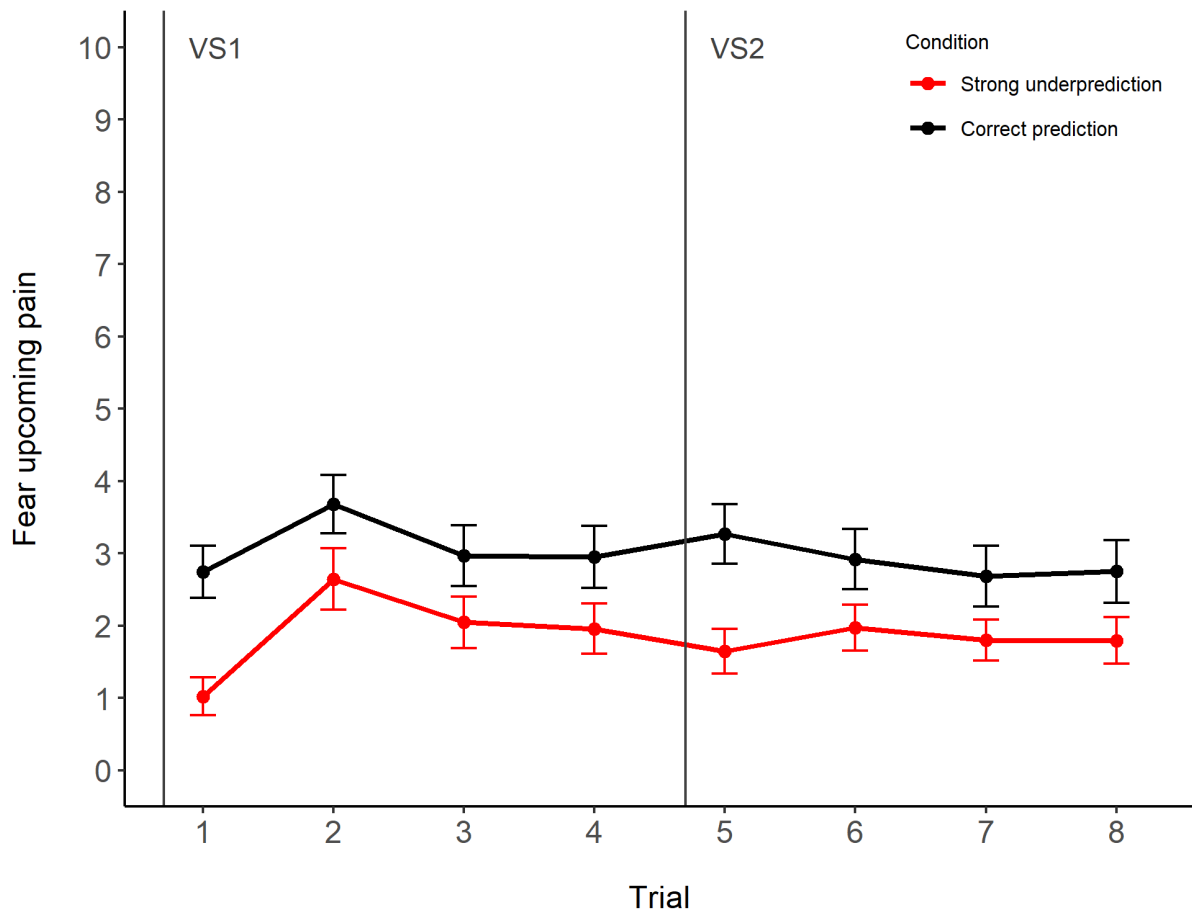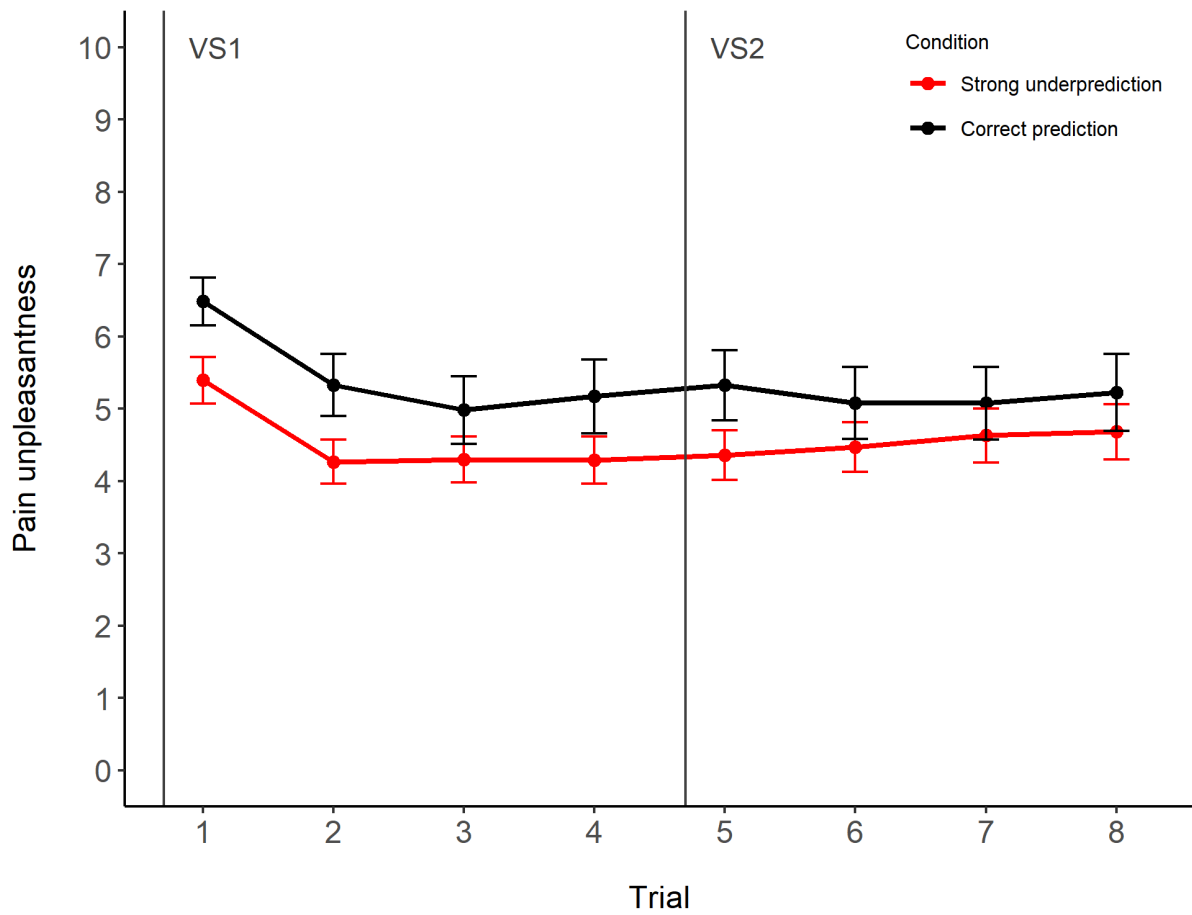
VS = verbal suggestion.

Figure SDC-3.

Fear of upcoming pain ratings (mean ± standard error) for the 8 post-suggestion trials per condition in Study 1.

VS = verbal suggestion.

Figure SDC-4.

Pain unpleasantness ratings (mean ± standard error) for the 8 post-suggestion trials per condition in Study 1.
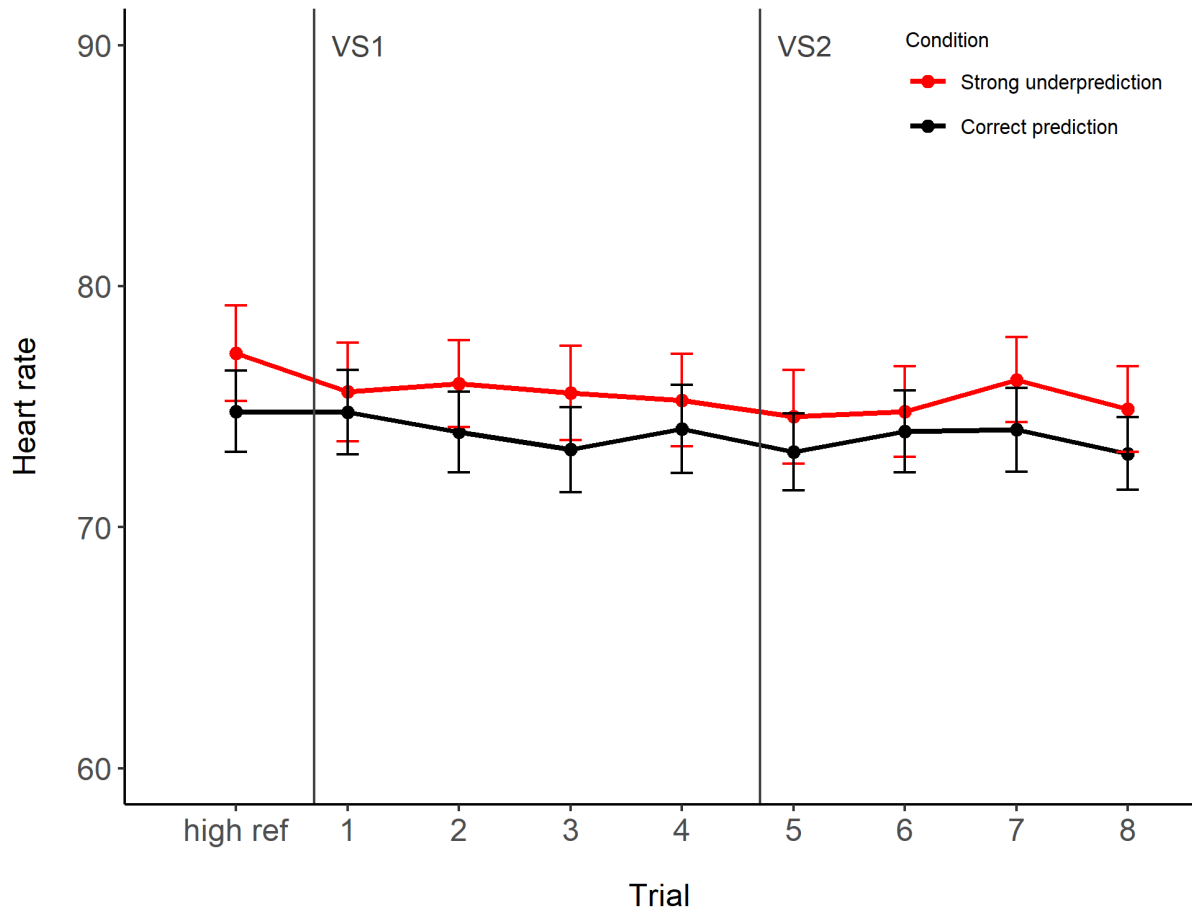
VS = verbal suggestion.

Figure SDC-5.

Heart rate (mean ± standard error) for the 3 high reference trials (average) and the 8 post-suggestion trials per condition in Study 1.

High ref = average of the 3 high reference trials; VS = verbal suggestion.
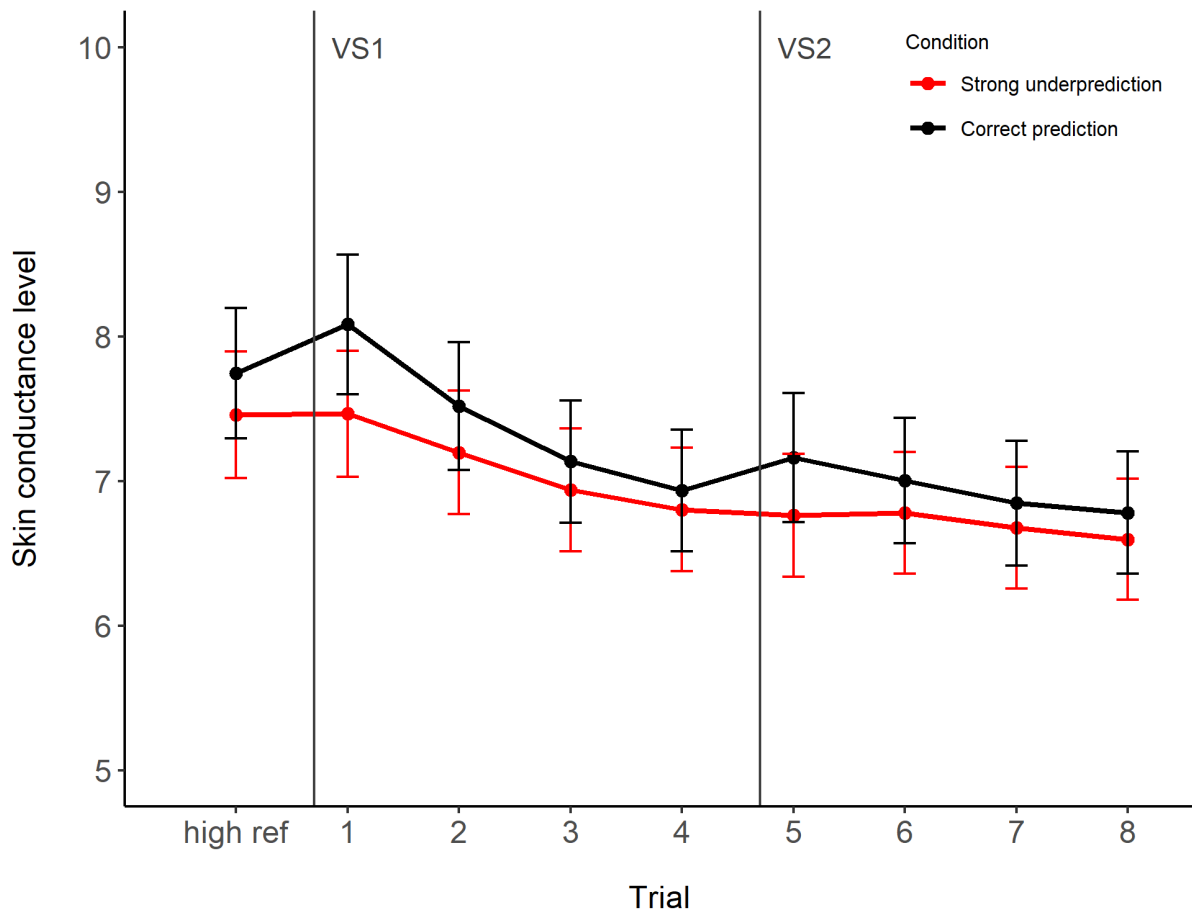
Figure SDC-6.

Skin conductance level (mean ± standard error) for the 3 high reference trials (average) and the 8 post-suggestion trials per condition in Study 1.

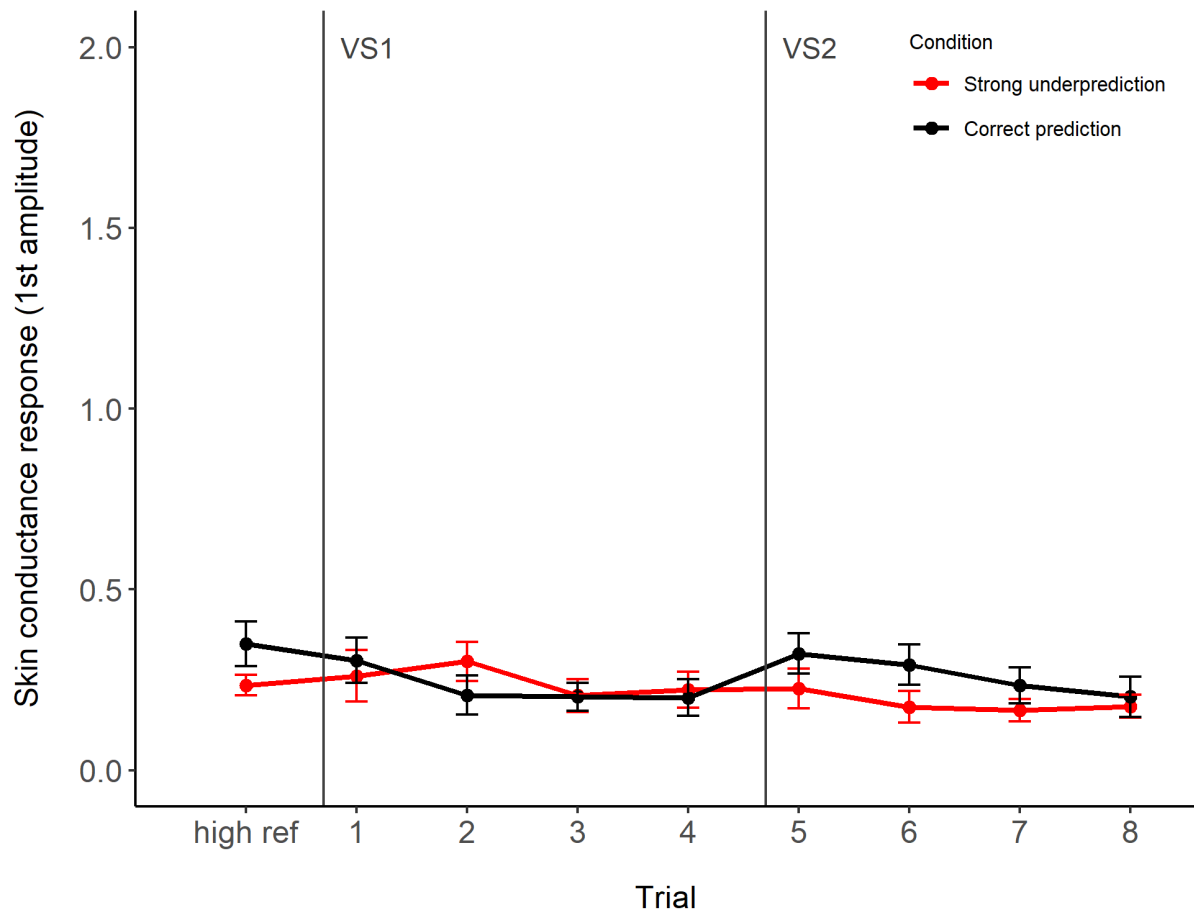High ref = average of the 3 high reference trials; VS = verbal suggestion.

Figure SDC-7.

Amplitude first skin conductance response (mean ± standard error) for the 3 high reference trials (average) and the 8 post-suggestion trials per condition in Study 1.

High ref = average of the 3 high reference trials; VS = verbal suggestion.

Figure SDC-8.

Amplitude first skin conductance response, with extended latency window (mean ± standard error) for the 3 high reference trials (average) and the 8 post-suggestion trials per condition in Study 1.

High ref = average of the 3 high reference trials; VS = verbal suggestion.
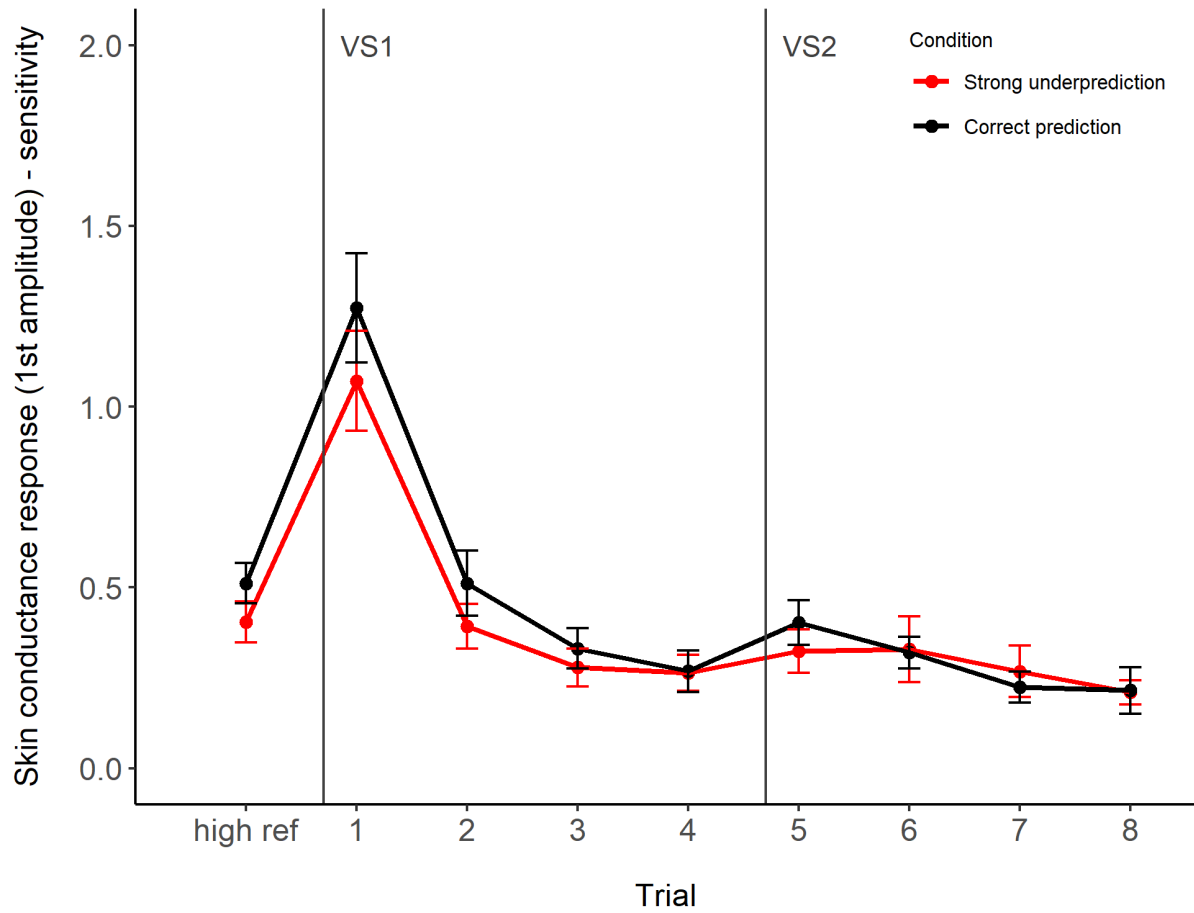
Table SDC-2. Means and standard deviations for all relevant measures in Study 2

Measure	Condition / Strong underprediction (n = 41)	Moderate underprediction (n = 41)	Correct prediction (n = 41)
Sample characteristics			
Sex (N, % female)	21, 51%	21, 51%	20, 49%
Age	21.6 ± 2.8	22.2 ± 2.6	22.4 ± 3.3
Nationality (N, % Dutch)	17, 42%	14, 34%	16, 39%
Baseline pain [a]	0.2 ± 0.5	0.2 ± 0.5	0.3 ± 0.7
Pain outcomes			
Temperature reference & test stimuli (°C)	48.7 ± 1.2	48.3 ± 1.5	48.3 ± 1.7
Expected pain intensity [a]			
Prior to reference stimulus	6.1 ± 1.6	6.4 ± 1.5	5.8 ± 1.9
Prior to post-suggestion trial 1	2.3 ± 1.7	4.6 ± 1.3	6.9 ± 1.9
Prior to post-suggestion trial 2	4.8 ± 1.9	5.3 ± 1.3	6.6 ± 1.8
Prior to post-suggestion trial 3	5.1 ± 2.0	5.6 ± 1.7	6.7 ± 1.8
Prior to post-suggestion trial 4	5.5 ± 2.1	5.6 ± 1.9	6.6 ± 1.9
Prior to post-suggestion trial 5	4.3 ± 2.3	5.4 ± 1.3	7.1 ± 1.9
Prior to post-suggestion trial 6	5.4 ± 2.1	5.9 ± 1.7	6.8 ± 1.9
Prior to post-suggestion trial 7	5.6 ± 2.0	6.0 ± 1.7	6.8 ± 1.9
Prior to post-suggestion trial 8	5.8 ± 2.0	5.8 ± 1.9	6.9 ± 1.9
Certainty of pain expectation [a]			
Prior to reference stimulus	6.9 ± 2.5	7.3 ± 1.7	6.8 ± 2.0
Prior to post-suggestion trial 1	6.4 ± 2.3	6.2 ± 2.0	7.8 ± 1.6
Prior to post-suggestion trial 2	5.3 ± 2.3	5.7 ± 1.8	7.5 ± 1.8
Prior to post-suggestion trial 3	5.7 ± 2.5	5.9 ± 2.0	7.5 ± 1.9
Prior to post-suggestion trial 4	5.7 ± 2.6	6.2 ± 1.8	7.6 ± 1.7
Prior to post-suggestion trial 5	4.5 ± 2.6	6.0 ± 1.9	7.0 ± 2.0
Prior to post-suggestion trial 6	6.0 ± 2.2	6.3 ± 1.7	7.5 ± 1.6
Prior to post-suggestion trial 7	6.0 ± 2.4	6.4 ± 1.6	7.8 ± 1.6
Prior to post-suggestion trial 8	6.4 ± 2.3	6.9 ± 1.7	7.5 ± 2.2
Fear of upcoming pain [a]			
Prior to reference stimulus	3.2 ± 2.5	3.3 ± 2.3	3.8 ± 2.4
Prior to post-suggestion trial 1	1.3 ± 1.9	2.1 ± 2.0	4.5 ± 2.5
Prior to post-suggestion trial 2	2.7 ± 2.3	2.5 ± 2.0	4.1 ± 2.5
Prior to post-suggestion trial 3	2.5 ± 2.1	2.3 ± 2.1	3.7 ± 2.5
Prior to post-suggestion trial 4	2.8 ± 2.4	2.6 ± 2.4	3.4 ± 2.3
Prior to post-suggestion trial 5	2.4 ± 2.2	2.5 ± 2.3	4.2 ± 2.4
Prior to post-suggestion trial 6	2.7 ± 2.5	2.6 ± 2.5	3.7 ± 2.3
Prior to post-suggestion trial 7	2.3 ± 2.5	2.6 ± 2.7	3.5 ± 2.2
Prior to post-suggestion trial 8	2.4 ± 2.3	2.3 ± 2.5	3.8 ± 2.5
Pain intensity [a]			
Reference stimulus	7.0 ± 1.9	7.4 ± 1.4	6.8 ± 2.0
Post-suggestion trial 1	5.0 ± 2.0	5.7 ± 1.5	6.5 ± 1.8
Post-suggestion trial 2	5.4 ± 2.1	5.5 ± 1.6	6.6 ± 1.8
Post-suggestion trial 3	5.6 ± 2.1	5.6 ± 1.8	6.7 ± 1.8
Post-suggestion trial 4	5.8 ± 2.0	5.7 ± 1.9	6.8 ± 2.0
Post-suggestion trial 5	5.5 ± 2.1	5.8 ± 1.8	6.9 ± 2.0
Post-suggestion trial 6	5.7 ± 2.1	5.7 ± 2.0	6.9 ± 2.0
Post-suggestion trial 7	5.9 ± 2.0	5.6 ± 2.0	6.9 ± 2.1
Post-suggestion trial 8	6.0 ± 2.1	5.8 ± 2.1	7.1 ± 2.0
Pain unpleasantness [a]			
Reference stimulus	6.6 ± 2.0	6.9 ± 1.8	6.5 ± 2.1
Post-suggestion trial 1	4.8 ± 2.4	5.5 ± 2.0	6.0 ± 2.1
Post-suggestion trial 2	4.9 ± 2.5	4.8 ± 2.5	5.6 ± 2.2
Post-suggestion trial 3	5.5 ± 2.3	4.8 ± 2.4	5.9 ± 2.0
Post-suggestion trial 4	5.5 ± 2.4	5.1 ± 2.6	5.8 ± 2.2
Post-suggestion trial 5	5.2 ± 2.4	5.3 ± 2.4	6.3 ± 1.9
Post-suggestion trial 6	5.2 ± 2.4	5.1 ± 2.7	6.1 ± 2.2

Measure / Condition	Strong underprediction (n = 41)	Moderate underprediction (n = 41)	Correct prediction (n = 41)
Post-suggestion trial 7	5.3 ± 2.6	4.8 ± 2.7	6.3 ± 2.1
Post-suggestion trial 8	5.5 ± 2.8	5.0 ± 2.8	6.4 ± 2.1
Autonomic responses			
Heart rate			
Rest	77.5 ± 12.0	77.2 ± 12.2	78.1 ± 12.1
Reference stimulus	80.4 ± 11.4	77.6 ± 12.0	79.1 ± 14.2
Post-suggestion trial 1	73.1 ± 10.3	74.1 ± 10.8	77.9 ± 13.9
Post-suggestion trial 2	75.7 ± 9.9	76.5 ± 11.3	78.5 ± 12.3
Post-suggestion trial 3	76.3 ± 10.1	75.7 ± 11.5	74.5 ± 13.3
Post-suggestion trial 4	75.3 ± 9.4	76.2 ± 11.9	75.2 ± 13.0
Post-suggestion trial 5	74.7 ± 9.9	75.4 ± 11.3	76.5 ± 12.6
Post-suggestion trial 6	75.7 ± 10.0	77.1 ± 12.1	77.0 ± 13.8
Post-suggestion trial 7	75.4 ± 10.2	77.1 ± 11.4	75.7 ± 12.5
Post-suggestion trial 8	76.4 ± 11.3	77.3 ± 12.3	76.0 ± 11.9
Skin conductance level			
Rest	5.4 ± 2.6	5.1 ± 2.6	4.8 ± 2.5
Reference stimulus	8.7 ± 3.8	8.1 ± 2.9	8.4 ± 3.5
Post-suggestion trial 1	7.4 ± 3.3	6.8 ± 2.6	7.8 ± 3.0
Post-suggestion trial 2	7.5 ± 3.4	7.0 ± 2.6	7.4 ± 2.9
Post-suggestion trial 3	7.4 ± 3.4	6.8 ± 2.5	7.1 ± 2.8
Post-suggestion trial 4	7.3 ± 3.3	6.8 ± 2.6	6.9 ± 2.7
Post-suggestion trial 5	7.2 ± 3.3	6.7 ± 2.5	7.1 ± 2.9
Post-suggestion trial 6	7.3 ± 3.5	6.7 ± 2.5	7.0 ± 2.8
Post-suggestion trial 7	7.2 ± 3.4	6.6 ± 2.5	6.7 ± 2.7
Post-suggestion trial 8	7.0 ± 3.3	6.6 ± 2.6	6.7 ± 2.7
Skin conductance response (amplitude first response)			
Rest	0.4 ± 0.5	0.2 ± 0.2	0.1 ± 0.2
Reference stimulus	0.2 ± 0.4	0.2 ± 0.5	0.2 ± 0.3
Post-suggestion trial 1	0.6 ± 0.7	0.3 ± 0.4	0.4 ± 0.7
Post-suggestion trial 2	0.6 ± 0.7	0.4 ± 1.0	0.2 ± 0.4
Post-suggestion trial 3	0.5 ± 0.6	0.3 ± 0.4	0.2 ± 0.4
Post-suggestion trial 4	0.4 ± 0.5	0.3 ± 0.4	0.3 ± 0.4
Post-suggestion trial 5	0.6 ± 0.7	0.3 ± 0.5	0.3 ± 0.7
Post-suggestion trial 6	0.5 ± 0.6	0.2 ± 0.3	0.4 ± 0.6
Post-suggestion trial 7	0.6 ± 0.6	0.3 ± 0.4	0.4 ± 0.5
Post-suggestion trial 8	0.5 ± 0.6	0.3 ± 0.4	0.4 ± 0.6
Skin conductance response (amplitude first response, extended latency window)			
Rest	0.4 ± 0.5	0.1 ± 0.2	0.1 ± 0.2
Reference stimulus	1.5 ± 1.3	1.5 ± 1.1	1.8 ± 1.9
Post-suggestion trial 1	1.0 ± 0.9	0.5 ± 0.6	0.9 ± 0.8
Post-suggestion trial 2	0.9 ± 0.9	0.5 ± 0.5	0.8 ± 0.8
Post-suggestion trial 3	0.9 ± 0.9	0.4 ± 0.4	0.7 ± 0.9
Post-suggestion trial 4	0.8 ± 0.8	0.4 ± 0.4	0.7 ± 0.9
Post-suggestion trial 5	0.9 ± 1.0	0.5 ± 0.4	0.9 ± 1.1
Post-suggestion trial 6	0.9 ± 0.9	0.4 ± 0.4	0.6 ± 0.6
Post-suggestion trial 7	0.7 ± 0.8	0.3 ± 0.3	0.6 ± 0.8
Post-suggestion trial 8	0.8 ± 0.8	0.4 ± 0.4	0.6 ± 0.8
Psychological outcomes			
STAI-Ss – state anxiety (post)	35.7 ± 10.4	33.7 ± 8.1	37.3 ± 12.7
Previous experience with heat pain tests (N, % yes)	2, 5%	--	--
Pain intensity during previous heat pain test [a] (n = 2)	8.1 ± 1.6	--	--
Focus on sensations during tests [b]	8.4 ± 1.5	8.5 ± 1.2	8.7 ± 1.1
Confidence in knowledge of study purpose [b]	3.1 ± 2.4	3.6 ± 2.6	3.7 ± 2.5
Observation discrepancy pain intensity post-suggestion vs reference stimuli [c]	5.9 ± 2.1	5.1 ± 1.8	6.5 ± 2.1

Measure / Condition	Strong underprediction (n = 41)	Moderate underprediction (n = 41)	Correct prediction (n = 41)
Observation discrepancy actual vs expected pain intensity post-suggestion stimulus [c]	6.8 ± 2.2	5.6 ± 2.3	6.3 ± 2.2
Observation discrepancy actual vs instructed pain intensity post-suggestion stimulus [c]	7.5 ± 2.2	5.9 ± 1.9	5.0 ± 1.7
Trustworthiness experimenter A [a]	7.4 ± 2.1	6.9 ± 2.1	8.0 ± 1.8
Competent [a]	7.8 ± 1.8	7.6 ± 1.4	8.1 ± 1.6
Sympathetic [a]	7.5 ± 1.8	6.9 ± 2.2	7.8 ± 1.9
Honest [a]	7.5 ± 2.0	6.7 ± 2.2	7.8 ± 2.2
Trustworthiness experimenter B [a] (who gave verbal suggestions)	5.6 ± 3.0	6.4 ± 2.2	7.8 ± 1.9
Competent [a]	7.6 ± 2.0	7.6 ± 1.8	7.8 ± 2.0
Sympathetic [a]	6.9 ± 2.4	6.5 ± 2.3	7.0 ± 2.5
Honest [a]	4.2 ± 2.6	5.4 ± 2.3	7.4 ± 2.5
Response bias			
Concerned what experimenter thought [b]	4.2 ± 3.0	3.0 ± 2.2	4.1 ± 2.9
Changed responses to help experimenter [b]	1.7 ± 1.8	2.0 ± 2.1	1.9 ± 2.3
Sense owed it to experimenter to report less or more pain [d]	4.2 ± 1.7	4.4 ± 2.0	5.2 ± 0.9
Provided answers experimenter wanted to hear [b]	1.9 ± 2.0	1.9 ± 2.2	1.5 ± 1.9
Psychological characteristics			
LOT-R – optimism	15.7 ± 3.9	16.1 ± 3.5	15.7 ± 3.8
GTS – general trust	3.7 ± 0.5	3.4 ± 0.6	3.5 ± 0.6
PCS – pain catastrophizing	19.0 ± 9.5	14.2 ± 8.3	16.1 ± 7.5
SMS-R ability to modify self-presentation	23.3 ± 4.2	21.7 ± 5.0	22.8 ± 4.6
SMS-R sensitivity to others	20.4 ± 5.0	19.9 ± 3.1	20.6 ± 3.5
STAI-T – trait anxiety	40.7 ± 10.1	39.5 ± 8.6	41.4 ± 8.7
STAI-Ss – state anxiety (baseline)	34.1 ± 11.7	34.0 ± 9.0	33.4 ± 8.7
Baseline fatigue [a]	3.2 ± 2.3	2.8 ± 2.3	3.5 ± 2.3

Note. Means and standard deviations (*M ± SD*) are presented for all available data. [a] = range 0 (*no(t) at all*) – 10 (*most imaginable*); [b] = range 0 (*not at all*) – 10 (*very (much)*); [c] = range 0 (*much less*) – 5 (*equal*) – 10 (*much more*); [d] = range 0 (*much less pain*) – 10 (*much more pain*).
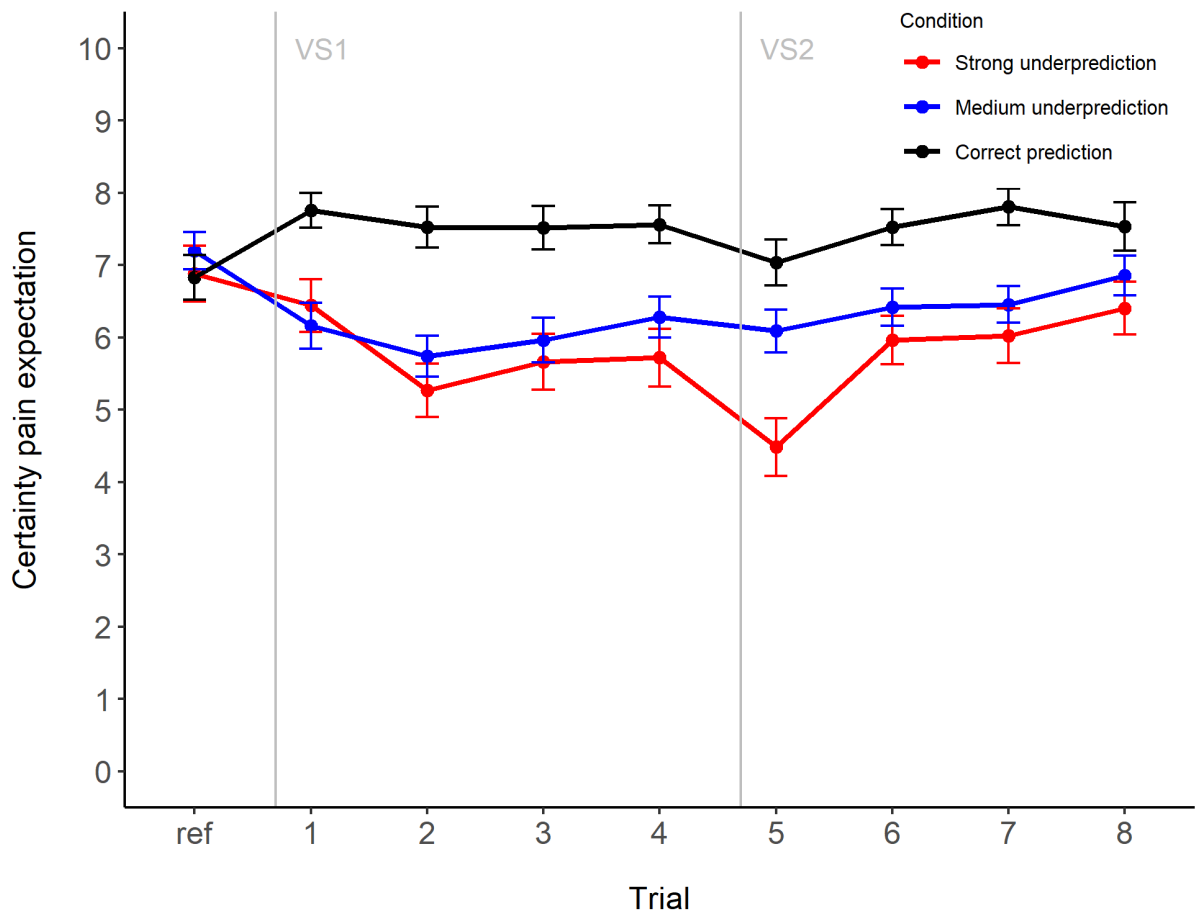
Figure SDC-9.

Certainty of pain expectation ratings (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.

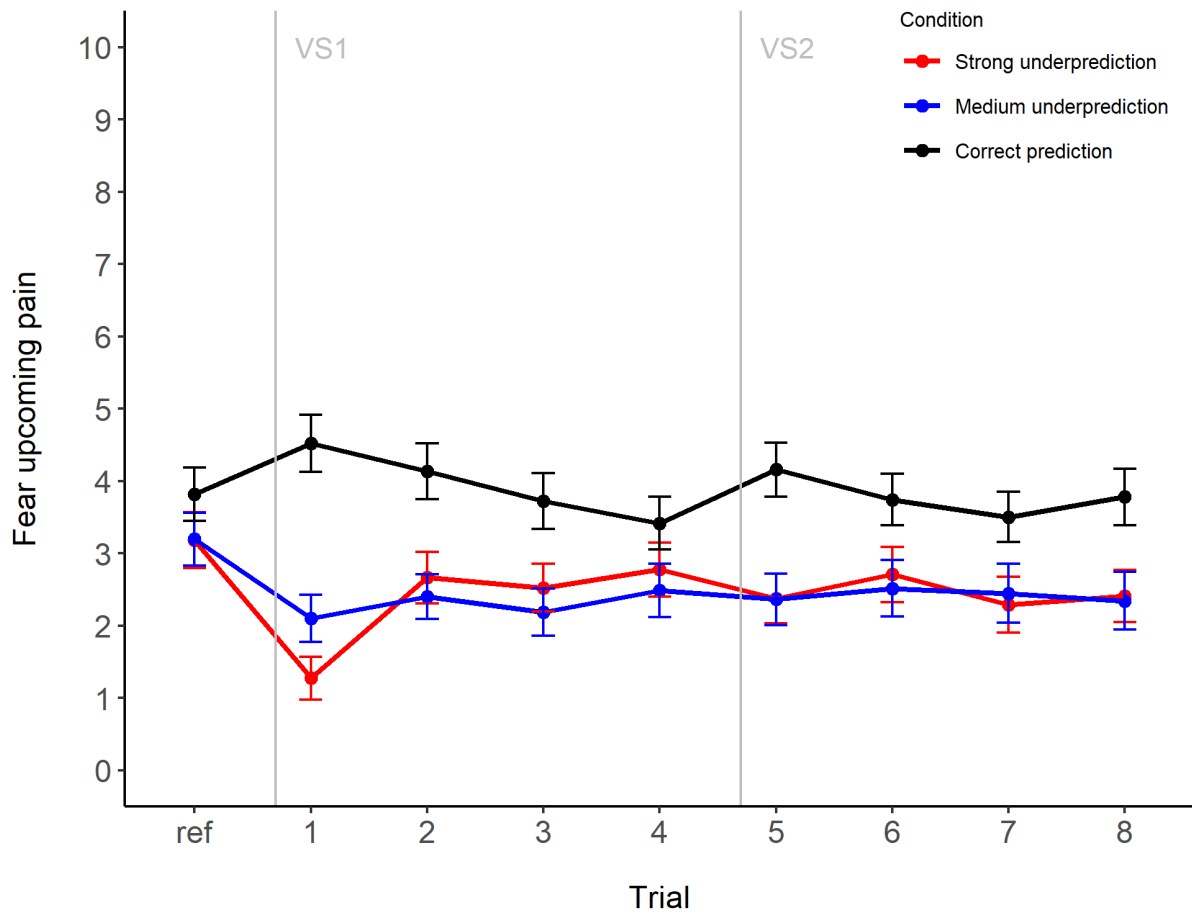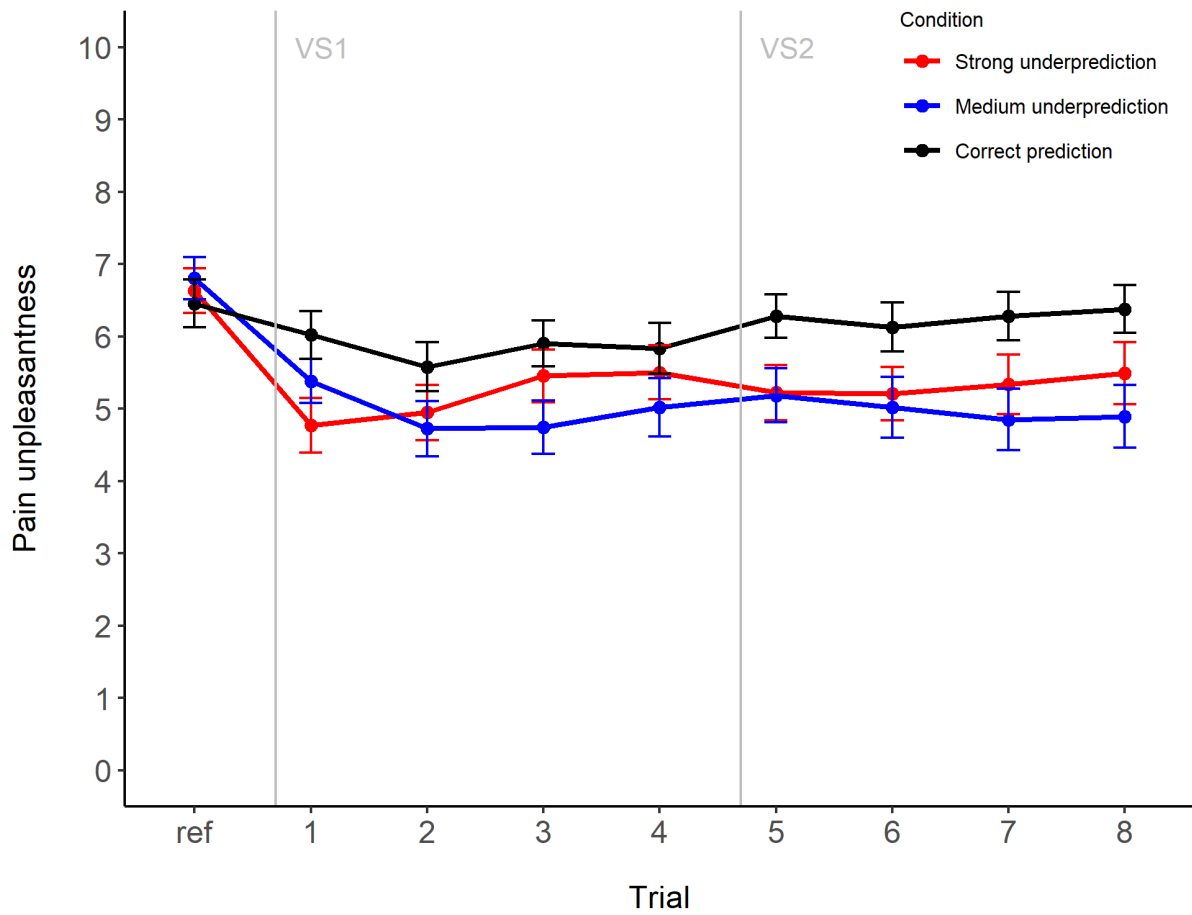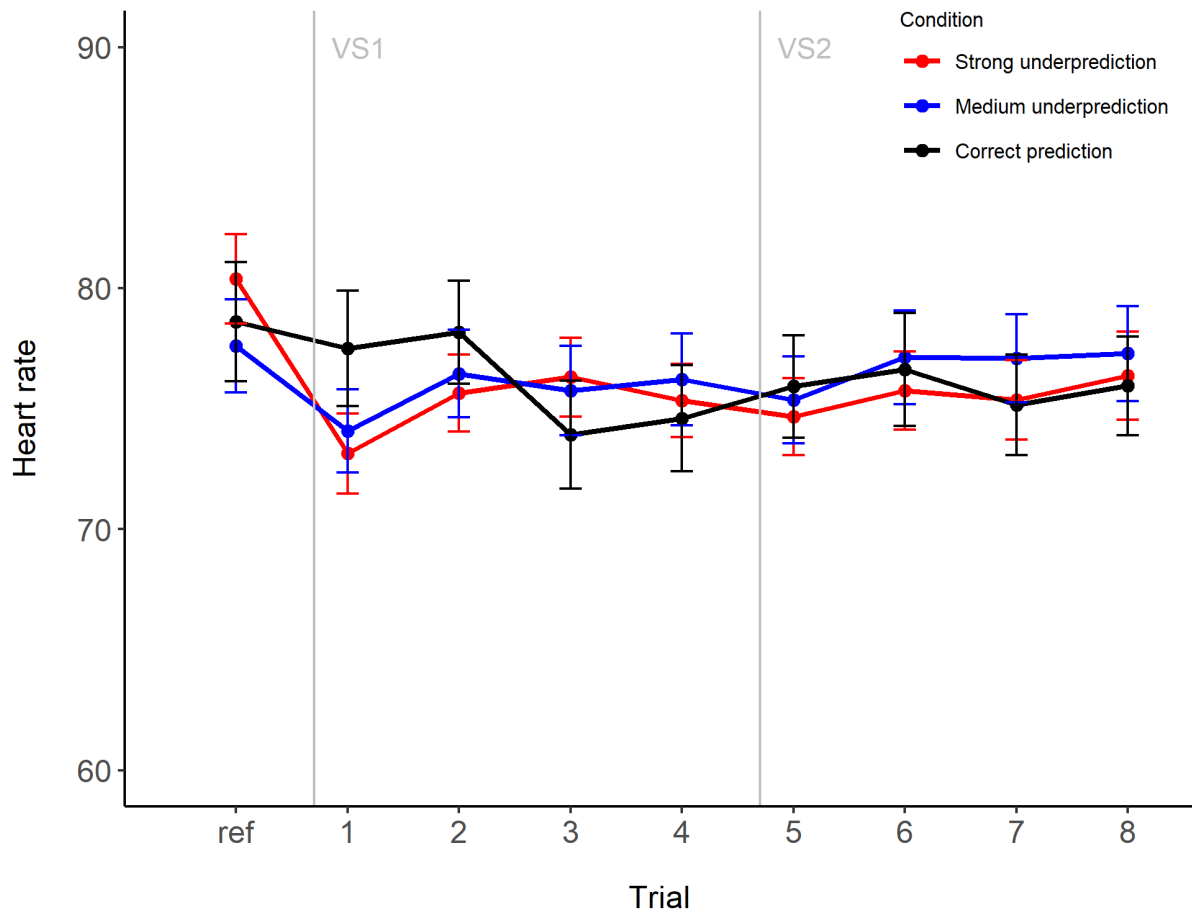ref = reference stimulus; VS = verbal suggestion.

Figure SDC-10.

Fear of upcoming pain ratings (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.

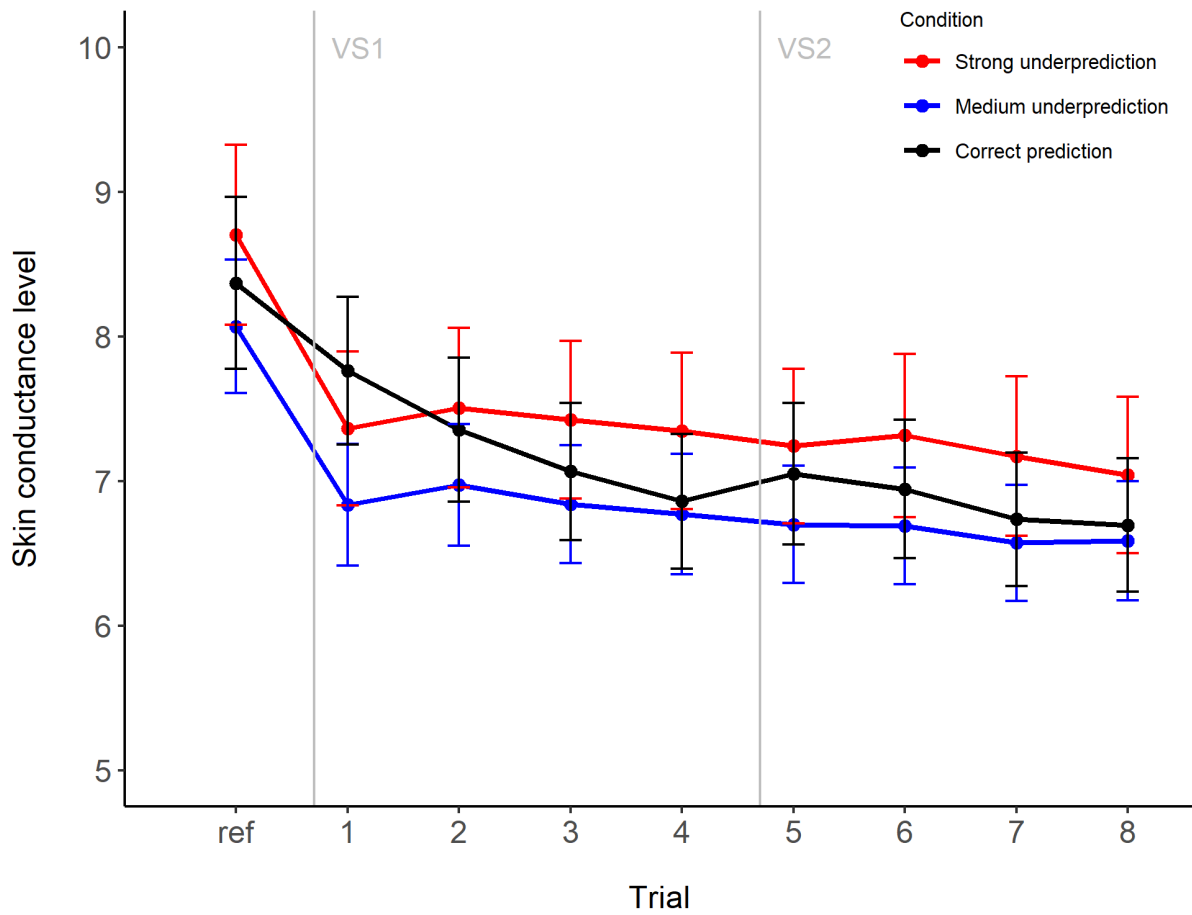ref = reference stimulus; VS = verbal suggestion.

Figure SDC-11.

Pain unpleasantness ratings (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.

ref = reference stimulus; VS = verbal suggestion.

Figure SDC-12.

Heart rate (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.

ref = reference stimulus; VS = verbal suggestion.
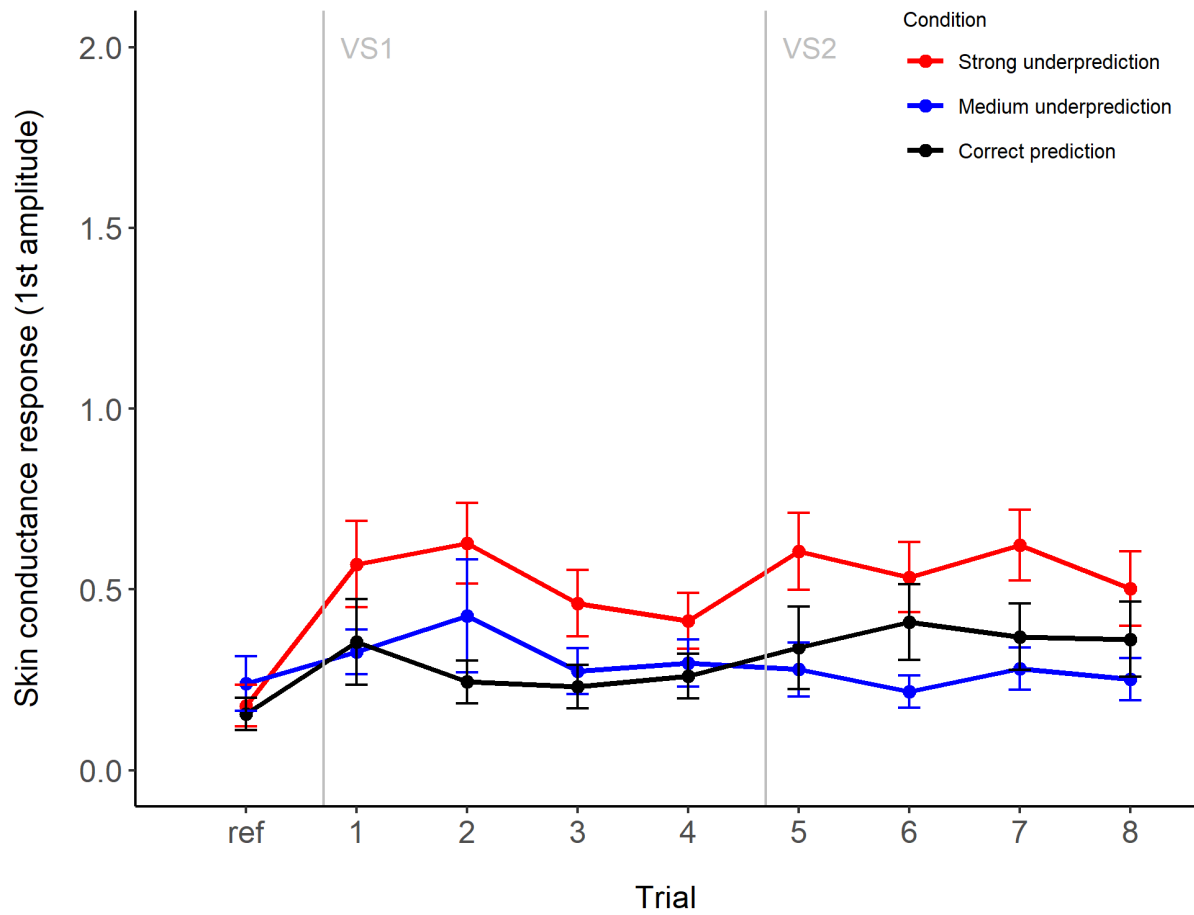
Figure SDC-13.

Skin conductance level (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.

ref = reference stimulus; VS = verbal suggestion.

Figure SDC-14.

Amplitude first skin conductance response (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.
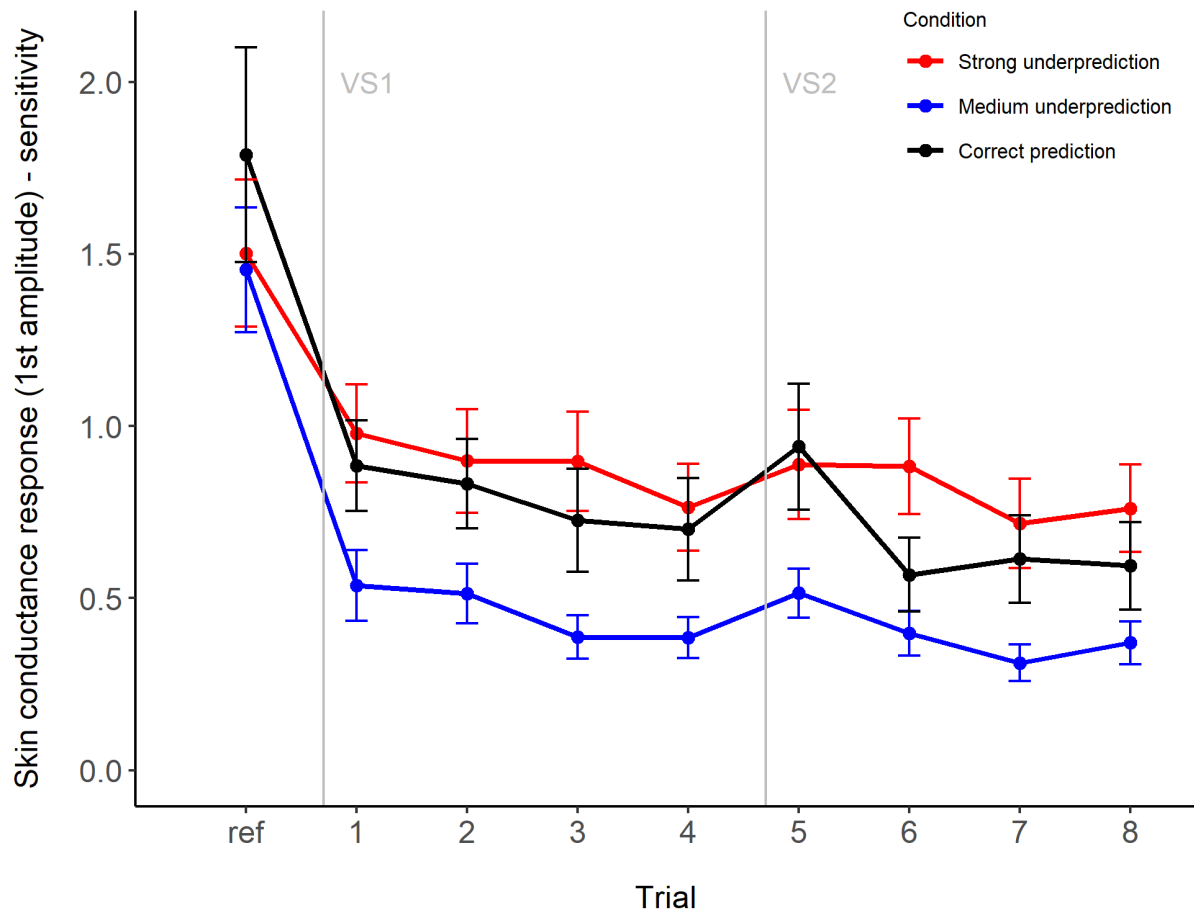
ref = reference stimulus; VS = verbal suggestion.

Figure SDC-15.

Amplitude first skin conductance response, with extended latency window (mean ± standard error) for the reference stimulus and the 8 post-suggestion trials per condition in Study 2.

ref = reference stimulus; VS = verbal suggestion.