Online supplements

Post hoc power was calculated in the following way: given an estimate of the parameter (***b***) and its standard error (***se***), and under the assumption of normal distribution of the estimate (with mean ***b*** and standard deviation ***se***), the power is equal to the probability of the estimate being higher than 1.96****se*** or lower than -1.96****se***. The formula is: 1-**Φ**((1.96****se***-***b***)/***se***)+ **Φ**((-1.96****se***-***b***)/***se***), where Φ is the cumulative distribution function of the standard Normal distribution. The results of the power calculations are as follows:

Effect	P value	*Post hoc* power analyses
Moderating effect of therapists' alliance sudden gains on the treatment condition-outcome association	.005	.805
Effect of therapists' alliance sudden gains on outcome in CBT	.06	.487
Effect of therapists' alliance sudden gains on outcome in AFT	.03	.548
Moderating effect of patients' alliance sudden gains on the treatment condition-outcome association	.28	.192