## PCIT-T vs COS-P vs Waitlist RCT Outcomes Paper 1: Parent and child behavioural outcomes

### Authors/authorship order

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### Measures

#### Parent outcomes

1. Observed positive parenting: DPICS Labelled Praise (as percentage score of total parent verbalisations)

2. Observed negative parenting: DPICS Negative Talk (as percentage score of total parent verbalisations)

3. Child abuse potential: Brief Child Abuse Potential Inventory (BCAP) (controlling for lie scale)

#### Child outcomes

1. Child Externalising behaviour: Child Behavior Checklist (CBCL/1.5–5)

2. Child Internalising behaviour: Child Behavior Checklist (CBCL/1.5–5)

3. Child Temperament: Fear and shyness subscales of the Early Child Behaviour Questionnaire (ECBQ)

4. Child social-emotional functioning - #1: Brief Infant Toddler Social Emotional Assessment (BITSEA)

5. Child social-emotional functioning - #2: Child Devereux Early Childhood Assessment (DECA)

6. Child compliance: DPICS child compliance (as percentage score of total parent effective commands)

#### Potential moderators

* Child ASD risk status (yes/no)
* Total therapy time (mins)
* ? Maternal mood: baseline Edinburgh Postnatal Depression Scale (EPDS) total score
* ? Maternal adult attachment style: Experiences in Close Relationships Scale – short form (ECR-S), attachment anxiety & attachment avoidance

### Notes about control variables, for analysis

🡪 Please run all analyses two ways: 1) controlling for ASD, and 2) not controlling for ASD (USE SPSS variable “ASDcase”)

🡪 Please let me know how you think we should control for total therapy time…? (see SPSS variable, “Treatment\_time\_mins”).

* We could control for total therapy time, but there are some missing variables (which I have labelled as missing using 8888=not applicable because dropped out before starting therapy, or 9999=therapy time missing), and of course the WL group did not have any time, so these should all be zero.
* Or, should we just do a comparison of the PCIT-T vs COS-P groups to make sure the total therapy time was roughly equivalent as a preliminary analysis? The only problem is that I predict the COS-P group will have had less therapy time!

### Details about each measure, for analysis

#### Parent outcomes

**1. Observed positive parenting: DPICS Labelled Praise (as percentage score of total parent verbalisations)**

🡺 USE variables in SPSS data file labelled:

“PARENT\_LP\_perc\_total\_TIME\_1”

“PARENT\_LP\_perc\_total\_TIME\_2”

“PARENT\_LP\_perc\_total\_TIME\_3”

**2. Observed negative parenting: DPICS Negative Talk (as percentage score of total parent verbalisations)**

🡺 USE variables in SPSS data file labelled:

PARENT\_NTA\_perc\_total\_TIME\_1

PARENT\_NTA\_perc\_total\_TIME\_2

PARENT\_NTA\_perc\_total\_TIME\_3

**3. Child abuse potential: Brief Child Abuse Potential Inventory (BCAP risk score) (controlling for lie scale…?)**

🡪 USE variables in SPSS data file labelled:

preBCAP\_risk

post\_BCAP\_risk

FU\_BCAP\_risk

🡪 Can we control for the ‘lie scale’ score at each time point? I’m not sure whether you just control for the lie score at pre-treatment, or an average of all three of something??

🡪 for the lie scale, use the following variables:

preBCAP\_LIE

post\_BCAP\_LIE

FU\_BCAP\_LIE

#### Child outcomes

**1. Child Externalising behaviour: Child Behavior Checklist (CBCL/1.5–5)**

Items 5,6,56,59,95,8,15,16,18,20,27,29,35,40,42,44,53,58,66,69,81,85,88,96

*\*\*NOTE: can you please re-calculate total scores for cbcl… with missing individual items replaced with mean subscale scores?*

**2. Child Internalising behaviour: Child Behavior Checklist (CBCL/1.5–5)**

Items 21,46,51,79,82,83,92,97,99,10,33,37,43,47,68,87,90,1,7,12,19,24,39,45,52,78,86,93,2,4,23,62,67,70,71,98

*\*\*NOTE: can you please re-calculate total scores for cbcl… with missing individual items replaced with mean subscale scores?*

**3. Child Temperament (ECBQ)**

🡪 I am going to have a look at this when I get back from leave as the scoring will take some time to work out. Good news is that this one is not essential for this paper as I didn’t mention it in the published protocol.

**4. Child social-emotional functioning - #1: Brief Infant Toddler Social Emotional Assessment (BITSEA)**

🡪 I am going to have a look at this when I get back from leave as the scoring will take some time to work out. Good news is that this one is not essential for this paper as I didn’t mention it in the published protocol.

**5. Child social-emotional functioning - #2: Child Devereux Early Childhood Assessment (DECA)**

🡪 I am going to have a look at this when I get back from leave as the scoring will take some time to work out. Good news is that this one is not essential for this paper as I didn’t mention it in the published protocol.

**6. Child compliance: DPICS child compliance (as percentage score of total parent effective commands)**

🡺 USE variables in SPSS data file labelled:

TOTAL\_CO\_perc\_TIME\_1

TOTAL\_CO\_perc\_TIME\_2

TOTAL\_CO\_perc\_TIME\_3

EMAIL FEB 2:

Please see a spreadsheet attached with the DECA scores for the RCT sample.

I’m sorry I meant to have this extra data to you a couple of days ago, but the DECA was difficult as there are two different versions that were used based on the child’s age. It took me some time to get the data sorted but I think it will be ready to go now.

I replaced all the missing individual item data (with mean sub scale scores) and converted the scores to t scores so we can include all children in the same analysis. I hope T scores are ok, from a statistical perspective for you.

The variables of interest are

Attachment ( Time1\_DECA\_attach\_Tscore\_combined, Time2\_DECA\_attach\_Tscore\_combined, Time3\_DECA\_T\_attach\_tscore\_combined)

Initiative (TIME1\_DECA\_Initiative\_Tscore\_combined, Time2\_DECA\_Initiative\_Tscore\_combined, Time3\_DECA\_Initiative\_tscore\_combined)

Self regulation (Time1\_DECA\_T\_Selfreg\_tscore, Time2\_DECA\_T\_SelfReg\_tscore, Time3\_DECA\_T\_Selfreg\_tscore) (PLease note this sub scale is only included in the DECA version for children 18 months and older and so there will be missing data/smaller sample size for this analysis)

Total Protective Factors (which is a sum of all sub scales) (Time1\_DECA\_Protective\_Tscore\_combined, Time2\_DECA\_total\_protective\_Tscore\_combined, Time3\_DECA\_T\_total\_protective\_tscore\_combined)

I am still trying to track down the scoring for the BITSEA and the ECBQ, so I’ll let you know when I can give you that data.