

Supplementary Table 1: Correlation table of PD and F of IRI with PET scores from Study

1.

| | PET | PD |
|----|-------|-------|
| PD | 0,088 | |
| F | 0,031 | ,281* |

Note. PET=Pictorial Empathy Test; IRI=Interpersonal Reactivity Index; PD=Personal Distress; F=Fantasy. Pearson coefficients shown. * $p<0.05$

Supplementary Table 2: Correlation table of PET and individual PET items (Pet 1 – PET 7) with SDS from Study 1.

| | SDS | PET 1 | PET 2 | PET 3 | PET 4 | PET 5 | PET 6 | PET 7 |
|------------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| PET 1 | 0,192 | | | | | | | |
| PET 2 | 0,184 | ,471** | | | | | | |
| PET 3 | 0,128 | ,384** | ,505** | | | | | |
| PET 4 | 0,098 | ,268* | ,298** | ,424** | | | | |
| PET 5 | 0,110 | ,551** | ,362** | ,532** | ,256* | | | |
| PET 6 | -0,084 | ,263* | 0,221 | ,422** | ,344** | ,302** | | |
| PET 7 | 0,168 | ,230* | ,239* | ,299** | ,307** | 0,123 | ,383** | |
| PET TOTAL | 0,193 | ,713** | ,720** | ,753** | ,607** | ,668** | ,568** | ,569** |

Note. PET=Pictorial Empathy Test; SDS=Social Desirability Scale. Pearson coefficients shown. * $p<0.05$; ** $p<0.01$

Supplementary Table 3: Partial correlation coefficients of PET with IRI subscales when controlled for SDS, from Study 1.

| Control Variable | | PET | PT | EC | PD |
|------------------|-----------|-----------------|-----------------|---------------|---------------|
| SDS | PT | 0,331** | | | |
| | EC | 0,486*** | 0,453*** | | |
| | PD | 0,114 | 0,050 | 0,278* | |
| | F | 0,042 | 0,129 | 0,258* | 0,277* |

Note. PET=Pictorial Empathy Test; IRI=Interpersonal Reactivity Index; PT=Perspective Taking; EC=Empathic Concern; PD=Personal Distress; F=Fantasy. Pearson coefficients shown. * $p < 0.05$; ** $p < 0.01$; *** $p = 0.000$