**Supplementary Table 1. Studies before 1991**

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| **Author (Year)** **Origin** | **Study Design/****Method****Sample** | **Aim**  | **Personality Inventory** | **Personality Under-standing** | **Main Results** |
| Bahneman(1973)USA | \*cross-sect./ quant./qual.\*42 exp. PETs | To investigate the relations. betw. pers. char. & verbal behavior of exp. PETs (teacher-stud. verbal interaction) | quest.: California Psychological Inventory (*CPI*) (Gough, 1957) = 480 items | interpersonal behavior | \*PETs using indirect verbal behavior = *sociable, tolerant, flexible, have a sense of well-being* / PETs using direct verbal behavior = *dominant, responsible, self-accepting, intellectually efficient, psychologically minded*\*PETs with high rates of interaction = *sociable & flexible*\*PETs with lower rates of interaction (silent classes) = *dominant & self-accepting*  |
| Friedmann(1983)Germany/ Israel | \*cross-sect./quant.\*500 stud. –age 12-14 | To show the profile of the average/real & ideal PET from the stud.’ viewpoint & deduce ideas for changing attitudes in PET training  | quest.: self-dev. (NN) = 20 items (PET char. traits, teaching method, behavior) + description ofideal PET + 3 most imp. char. traits  | not specifically determinable / own understanding | \*profile of average/real PET: very good average marks in: *prof. competence, sportsmanship, pleasant appearance, self-confidence* 🡪 PET must *cause joy & pleasure, has to be an example in skills & behavior, should have fun with stud., should have authority & be admired*\*qualities of ideal PET: *prof. knowledge & competence* (53%); *understanding of stud.* (32%); *sportsmanship & ability to give interesting lesson*s (26%) |
| Gruber(1960)USA | \*cross-sect./quant.\*203 undergrad. m. stud. majoring in PE, 112 PETs (112 m.) | To determine if undergrad. m. stud. majoring in PE project the same pers. traits & attitudes towards teaching as grad. m. PETs (successful vs. unsuccessful) | quest.: Guilford Zimmermann Temperament Survey (*GZTS*) (Guilford and Zimmerman, 1949) = 300 items | trait psychological & temperament | \*no diff. betw. mean scores (pers. & attitudes) of PETs & stud. or betw. successful & unsuccessful PETs & stud.\*diff. on item level🡪 88 items discriminate betw. most successful PETs & stud.🡪 77 discriminate betw. least successful PETs & stud.  |
| Hale(1973)USA | \*cross-sect./quant.\*122 sec. school & coll. football coaches, 32 handball players (= control group) | To determine relations. of personal background, educational exp., military background & coaching exp. of high school & coll. football coaches’ pers. char. & compare to control group | quest.:Adjective Check List (*ACL*) (Gough and Heilbrun, 1965) = 300 adjectives | traitpsychological | \*football coaches scored higher on *nurturance* compared to handball players\* diff. betw. PE coaches with uni. degree & PE coaches without: qualified coaches scored higher on *dominance* & *aggression* & lower on *deference*\*no diff. 1) betw. football coaches with intensive & those with less intensive liberal arts coursework; 2) betw. football coaches with previous military exp. & those with none; 3) betw. beginning & exp. coaches; 4) betw. head coaches & assistant coaches |
| Holmen & Parkhouse (1981)USA | \*cross-sect./quant.\*49 suburban & inner-city high school PETs (25 m.) | To determine to what extent & how the individual pers. (self-concept; real vs. ideal self; functionality of pers. char.) is determined by the working environment  | quest.: self-dev. (Holmen Adjective Check List - *HACL*) adapted from *ACL* (Gough and Heilbrun, 1965)) = 105 items | self, vocational & trait psychological | \*individuals’ pers. linked to nature of environment🡪 suburban PETs have more accurate self-concepts & are seen more like their ideal selves by their colleagues than inner-city PETs\*individuals exp. in a given work setting are not necessarily seen by themselves or their colleagues as better adapted to that environment than those not working there🡪 suburban PETs scored higher on suburban & inner-city functionality scales🡪 adj. describing functional char. in suburban setting more socially-oriented in inner-city environment more survival-oriented |
| Kane(1975)UK | \*cross-sect./quant.\*852 PETs (no info regarding gender or age distribution) | To collect PETs’ perceived views on the relative importance of certain pers. char. for effective teaching in PE & compare regarding gender & age | quest.: NN -adapted from existing pers. inventory (Anderson, source missing) = 24 items | interpersonal; behavioral; situational;traitpsychological | \*PETs consider all char. except *teaching family background* as relatively imp.🡪 top 3: *ability to 1) gain respect of stud., 2) communicate ideas, 3) inspire confidence*🡪 lowest 3: *1) good academic record, 2) desire to improve the world & society, 3) teaching family background* \*no diff. betw. mean factor scores (personal education, social concern, rapport) for m. & f. but for age groups (younger PETs rated higher)  |
| Lipkovich(1977)USA | \*cross-sect./quant.\*94 f. PETs, 124 f. OSTs (in total 81 elem., 87 sec. school, 50 uni.)  | To determine if there is an existing pattern of simil. among pers. var. *achievement, aggression, dominance* of f. PETs & OSTs at diff. school levels (elem., sec., coll.) & compare with norm | quest.:Edwards Personal Preference Scale (*EPPS*) (Edwards, 1959) *=* 210 items | human needs system theory | \*no diff. betw. f. elem., sec. & coll. teachers (regardless of subject) for *achievement* & *aggression* but for *dominance /* coll. teachers diff. from elem. & sec. teachers but no diff. betw. elem. & sec. teachers\*no diff. betw. PETs & OSTs (regardless of school level) for *achievement, aggression, dominance* \*no diff. betw. f. elem., sec., coll. PETs & OSTs for *achievement* & *dominance* but for *dominance* betw. coll. PETs & OSTs & betw. coll. & sec. OSTs\*scores of f. elem., sec., coll. PETs & OSTs average compared to norm for *achievement* & *aggression* but for *dominance* coll. PETs & OSTs score higher |
| Messing(1979)Germany | \*cross-sect./quant.\*1582 stud. – 14-16 years | To examine pers. profiles of PETs from stud. view & identify char. pos. or neg. influencing stud. interests | quest.:self-dev. (NN) *=* 29 items PET char. + 29 items PET behavior | own understanding/not specifically determinable | \*desired PET*: integrated, student-oriented teaching (sporty/professional, companionable, provides assistance/safety)* vs. undesired PET: *cannot take criticism, unamenable to personal problems, not interested in stud.’ opinions, puts pressure on stud., dominant*\*relations. betw. stud.’ image of PET’s pers. & stud.’ desired teaching organization/style 🡪 stud. whose PET’s pers. resembles their desires satisfied with teaching organization |
| Phillips(1985)USA | \*cross-sect./quant.\*18 PETs, 144 stud. – 5th-8th grade | To analyze the relations. of PETs’ pers. & a) PETs’ process behavior in PE, b) stud. behavior & c) stud. achievement gains  | quest.: Cattell Person. Factor (*16 PF*) Quest. (Cattell et al., 1970) = 187 items (only for PETs) | trait psychological | \*pers. traits *assertiveness, expediency, questioning, imaginativeness, genuineness, confidence, experimenting* relate with PET & stud. behavior in PE (PETs high on these exhibit more knowledge, utilize objectives & testing more effectively, instruct more flexible & appropriate, provide more planned instruction & feedback)\*most consistent, meaningful relations. with teacher & stud. behavior = *expediency, questioning, imaginativeness, experimenting, independence*\*PETs high in *assertiveness, questioning, imaginativeness* provide stud. with more time on task & higher quality of practice time\*stud. of PETs high in *independence*, *assertiveness*, *questioning*, *imaginativeness* learn more  |
| Rider(1973)USA | \*cross-sect./quant.\*40 PE majors (senior & sophomore), 40 coll. & 40 sec. school PETs | To compare the pers. traits of PE senior majors, PE sophomore majors at uni. with coll. or sec. school PETs & compare the four PE groups with norm group & consider gender diff. | quest.: Cattell Person. Factor (*16PF*) Quest. (Cattell et al., 1970) = 187 items | trait psychological | \*7/16 pers. traits diff. betw. the 4 groups (5 only consid. m., 2 only consid. f., 1 consid. m. & f.)🡪 comparison of all f. groups = more simil. than diff. in the pers. traits🡪 comparison of m. & f. in the individual groups revealed simil. patterns of pers. traits🡪 groups differed from established norms in several pers. traits (m. sophomore majors most simil. & m. PE majors least simil. to the norm)🡪 comparison of groups: coll. PE majors & coll. PETs highest degree of simil. / coll. PE majors & sec. PETs lowest degree of simil.🡪 senior PE majors more *happy-go-lucky* & *assertive* than coll. PETs; sec. school PETs more *conscious* than coll. PETs, senior PE majors & sophomore PE majors; m. PETs more *tough-minded* than f. PETs |
| Srokosz(1988)Poland | \*cross-sect./quant.\*54 PETs (27. m.) – vocational schools | To examine prof. activities of PETs in regard to proceedings within a lesson & their relations. with pers. + compare to Czech coaches | quest.: Eysenck Pers. Quest. (*EPQ-R S*) (Eysenck et al., 1985) = 48 Items& Cattell *16 PF* (Cattell et al., 1970) = 187 items | trait psychological | \*PETs mainly *extraverted* (N = 14; 6 f., 8 m.) or *balanced* (N = 12; 8 m., 4 f.), only 4 *neurotic* \*compared to Czech coaches: PETs *less independent in thinking & progressive, more trustful, open, sociable, neurotic, revealing weaker ego, lacking perseverance, dependent, changeable in feelings, following group principles & conventions more* 🡪 surpass coaches in inclination to *dominance & aggression*\*sex diff. more decisive for differentiating PET's lesson proceedings than pers. type\*PETs’ verbal activities more important for lesson proceedings than PETs’ motor activities & relations. betw. verbal activitites & PETs’ pers. types\*distribution of didactic interactions less clearly related to PETs’ pers. types |
| Svoboda(1982)Czech Republic | \*cross-sect./quant./qual.\*21 grammar & basic school PETs (12 m.) | To examine the pers. & activity of PETs in PE lessons  | quest.: EPI (Eysenck, 1963), I-C-L (Leary, 1976), SPIDO (Miksik, 1980)+ interview + observation  | temperament, trait psychological and interpersonal | \*no mean PET but individual personalities capable of attaining educational aims by means of diff. capacities🡪 most represented category = *sanguine temperament* (N = 9); in general tendency to *extraversion* & *stability*🡪 SPIDO: tendency to a *self-reliant* & *tenacious* pers.🡪 I-C-L: quite unusual distribution; atypical for PETs & diff. compared to norm; 2 tendencies of PETs = *protective* & *competitive*\**affiliation, conformity, modesty, responsibility =* very high*; dominance, criticism* = very low\*total vs. ideal type = *dependent* vs. *protective* pers.\*PET’s activity level in class relatively high |

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| Svoboda(1990)Czech Republic | \*cross-sect./quant.\*249 PETs (41 Czech, 60 Bulgarian, 54 Polish, 94 Hungarian) | To describe PETs’ pers. traits, temperament var. of PETs & show relations. betw. PET’s pers. & behavior & to compare countries | quest.: EPI (Eysenck, 1963), Leary (Leary, 1976), SPIDO (Miksik, 1980) | temperament, interpersonal & trait psychological | \*majority belonging to 2 interpersonal pers. types: *autocratic* or *assertive* pers. (= indicated as ideal type)\*all types of temperament can be found among PETs; majority of *stable* teachers, especially *sanguine* types of temperament (those without distinct temperament = *stable, extrovert*)\*no diff. betw. various types of temperament & PETs’ structure of interactional behavior\*active social learning & role play irrespective of temperament types of pers.\*PETs are not able to use personal communication situations with stud. successfully & require help |
| Tancing(1988)Not known | \*cross-sect./quant.\*651 stud. – 13-14 years (7th-8th grade) | To determine profiles of average PETs & coaches from stud. viewpoint, compare them & deduce suggestions for changing & sophisticating the teaching process  | quest.: self-dev. (NN) adapted form of Friedman’s Quest. (see (Friedmann, 1983)) *=* 20 personal traits | town understanding/not specifically determinable | \*average marks for PETs in all items lower than coaches\*best marks very similar betw. groups: *sportsmanship, good discipline, good working habits, good human relations, prof. competence*\*diff.: coaches best mark *ability to arise enthusiasm for sport* only 8th rank for PETs\*marks on *interesting lessons* lower for PETs \*both relatively low marks on *ability to stimulate independent. thinking, openness to stud.’ suggestions* & *to criticism* |
| Thorpe(1958)USA | \*cross-sect./quant.\*100 PETs, 100 undergrad./senior majors, 55 grad. uni. stud. (all f.) | To determine if there is an existing pattern of simil. of pers. var. among diff. part. in PE group (successful f. PETs, undergrad., grad. stud.) & compare PE group with norm group | quest.:Edwards Personal Preference Scale(*EPPS*) (Edwards, 1954) *=* 210 items | human needs system theory(Murray/Edwards) | \*diff. betw. PE group & norm group in 9/15 var.🡪 PE group higher in: *deference, order, dominance, endurance* 🡪 PE group lower in: *autonomy, succorance, nurturance, heterosexuality, aggression* \*pattern of simil. of pers. var. among part. in PE group\*group diff. within PE group smaller than diff. betw. PE group & norm |

**Legend of abbreviations**

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| **Study Design/Method****Sample** | **Aim** | **Personality Inventory** | **Main Results** |
| coll. = collegiatecross-sect.= cross-sectionalelem. = elementaryexp. = experience(d)f. = femalegrad. = graduatem. = maleOST = Other Subject TeacherPE = Physical EducationPET = Physical Education Teacherprim. = primaryquant. = quantitativequal. = qualitative sec. = secondarystud. = studentsundergrad. = undergraduateuni. = university | betw. = betweenchar. = characteristicscoll. = collegiatediff. = difference(s)elem. = elementaryexp. = experience(d)f. = femalegrad. = graduatem. = maleneg. = negative(ly)part. = participantspers. = personalityPE = physical educationPET = Physical Education Teacherpos. = positive(ly)prof. = professionalrelations. = relationship(s)sec. = secondarysimil. = similarit(y)iesstud. = student(s)undergrad. = undergraduatevar. = variablesvs. = versus | char. = characteristicsimp. = importan(t)cepers. = personalityPET = Physical Education Teacherquest. = questionnaireself-dev. = self-developed | adj. = adjectivesbetw. = betweenchar. = characteristicscoll. = collegiateconsid. = consideringcorr. = correlation(s)diff. = difference(s)elem. = elementaryexp. = experience(d)f. = femaleimp. = importan(t)cem. = maleOST = Other Subject Teacherpart. = participantsPE = physical educationpers. = personalityPET = Physical Education Teacherpos. = positive(ly)prof. = professionalrelations. = relationship(s)sec. = secondarysimil. = similar(ities)stud. = student(s)undergrad. = undergraduateuni. = universityvar. = variablesvs. = versus |

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