Repercussions of behavior of cooperative teacher’s on health and attractiveness of Tunisian student teachers

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Authors’ Contribution: A – Study design; B – Data collection; C – Statistical analysis; D – Manuscript Preparation; E – Funds Collection.

Abstract

Purpose: This study was to explore the repercussions of the cooperative teacher’s (CT) behavior on health and attractiveness of Physical Education student teachers (PE-ST) believed to be important to have a successful preparatory traineeship and training device in the professional life. The CT is considered a person of alternation between academia and training, contributing to the formation by advice and support. The Cooperative Teacher’s must have a style; develop a training contract, master interview techniques and make evaluation. However, questions remain as to how well Higher Education Institutions prepare the Student Teachers to meet the challenges and requirement of work environments.

Material: Data were collected with 302 student teachers (202 males and 100 females) before professional training. A descriptive/exploratory methodology based on a questionnaire consisting of eighteen questions was used. The value of Cronbach alpha index is 0.857.

Results: globally supported the hypotheses. Male and female student teachers in the internship shared several perceptions. However, significant differences emerged. Student teachers perception of CT behavior and supports developed relatively professional skills, personal life as well as the feeling of discomfort which can lead to work stoppage. However, the repercussion of CT behavior on health and attractiveness was significant. The negative relationship between actors in the professional life and several aspects of CT behavior are provided. In addition, data are provided indicating that overall there are more similarities than differences between male and female student teachers students over a response number. Data also suggest that females who participate in the internship may be at risk for discomfort and anxiety problems.

Conclusions: This study will encourage Teacher’s to reflect on their own behaviors, support practices and to include them in the process of educational development.

Keywords: Physical Education, traineeship, tutor, accompanying practices, discomfort.

Introduction

Studies on professional skills have received significant attention in the last decade. However, questions remain as to how well Higher Education Institutions prepare the Student Teachers (PE-STs) to meet the challenges and requirement of work environments [1, 2]. Concerns remain that the accompaniment practices may not be equipping (PE-STs) with the key skills needed to confront real teaching problems [3]. Perez-Roux [4] and Bali [5] claimed that the cooperative Teachers (CT) are contributing to their integration in the professional life. The CT is considered a person of alternation between academia and training, contributing to the formation by advice and support [6,7]. CT must have a style; develop a training contract, master interview techniques and make evaluation [8]. This is corroborated by a number of studies in different disciplines. For instance, Mella [9] and Hasan [10] found that the accompaniment is a function of following a PE-ST and to walk with them for a period in order to exchange about them action, thinking together and evaluate it. Kosnik [11] found that internship can be a stressful moment and anxiety provoking. This is affirmed by Desbiens et al. [12] that during this time the PE-STs will attempt to meet unrealistic expectations. This experience may become a source of discomfort, exhaustion and confusion [11, 13]. It is against this backdrop that earlier [14] averred that the current context of education in what will immerse future graduates is certainly not positive.

Thus, university education and the workplace training need to identify different working patterns that CT might engage in and ensure that they possess employability skills that meet the employer’s requirements [2]. Boutin and Camaraire [15] claimed that HEIs should develop the criteria for selecting EA. Faingold [16] found that the important points of training are the quality of discussion, listening, the type of questions and the relationship between PE-ST and CT. However, Boutet [17] opined that the characteristics of an effective EA: experience, self-confidence, openness to theoretical contributions and reflection, coherence and acceptance to be questioned. Further, in the case of interaction between PE-ST and CT. However, Boutet [17] opined that the characteristics of an effective EA: experience, self-confidence, openness to theoretical contributions and reflection, coherence and acceptance to be questioned. Further, in the case of interaction between PE-ST and CT, in post-lesson interviews, Trohel et al. [18] described each actor involved in these interactions. They noticed that the CT is not trained in the role of tutor; they act according to their professional experience in teaching physical education. Beau-Antoine and al. [19], also, studied the characteristics of the CT’s professional activity and try to identify the difficulties encountered during PE-ST supervision. They found that tutoring is a difficult function to perform because the CT is not well trained. Earlier [8] assumed that the CT and PE-ST exchange academic and practical knowledge to guide the verbalization of PE-ST’s
action by asking questions that they have put in place. He suggests that CTs recognize the existence of two types of knowledge and try to exploit them optimally. This is proved by Vandercleyen and al. [20] that the success of training depends on the type of intervention with PE-ST. They highlight the dual role of EA, to be able to explain their own pedagogical concepts to PE-ST and help them to clarify their thoughts, actions and decisions. Boutet and Pharand [21] noted that PE-ST want to be guided. They want to take the initiative and accept critique. Rayou and Ria [22] state that PE-ST has a clear awareness of the reasons of failure or success in their interventions.

In Tunisia, university aims is to help PE-STs to integrate professional life. We answered through this research the following questions are: the behaviors of the CT transformed in to discomfort? What repercussions do they have PE-STs?

Material and methods

Participants

The participants in this study are 302 PE-STs (202 males and 100 females) from total 314 PE-STs studying in the Higher Institute of Sport and Physical Education (ISSEP) Tunis (there are only 3 ISSEP, in Tunisia each has its own teaching practice modality). All participants in this study were volunteers’. They were recruited from a single Higher Institute of Sport (Tunis). The group of participants consisted of the third year PE-ST. All were aged between (22 ± 1 years) registered in an introductory practicum to professional training in Tunisia (introductory practicum applied to pedagogy), that is ended, in the last year, by the Fundamental License of Physical Education. This activity has serves as an introduction to professional life. The activity lasts two semesters: four hours per week on Tuesday or Thursday for a cumulative total time of 116 hours of teaching. Participants are not paid to participate in the research. They were not informed about the purpose and conception of the research.

Table 1: Sample of Tunisian PE-ST

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>PE-ST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Questioning</td>
<td>302</td>
</tr>
<tr>
<td>Males questioned</td>
<td>202</td>
</tr>
<tr>
<td>Females questioned</td>
<td>100</td>
</tr>
<tr>
<td>Aged</td>
<td>Between 20 and 23 years</td>
</tr>
<tr>
<td>Level of study</td>
<td>BAC +3</td>
</tr>
</tbody>
</table>

Three main reasons justified the choice of this sample. First, this study is part of the professional training of PE-ST. The CT is considered an person intermediate between the university and the training environment, which will allow us to recognize the nature of PE-ST preoccupation of accompaniment practice of CT. Second, there is a social difference between the academic and the professional. This allowed us to hypothesize that this difference can be translated into shock and preoccupation. Third, this study is part of the academic program, which enabled us to hypothesize the preoccupation between PE-ST and CT’s accompaniment practices to spoil PE-ST learning. Our work sample meets these three parameters as indicated in the table N° 1 below.

Measures

This quantitative study explored the PE-STs conceptions about professional training. It identified the repercussions of the cooperative teacher’s behavior on health and attractiveness of student teachers. We used the questionnaire consisting of two dimensions in which we have grouped the different types of questions to clarify and give PE-STs the opportunity to share their preoccupation such as CT behavior repercussions. The questions focus on the preoccupation of PE-STs of the CT accompaniment practices after the internship. Participants responded to 18 items on a 4-point Likert-type scale ranging from 4 from 1 (never) to 4 (usually) that were tested in a pilot study. Following the quantitative responses obtained from the questionnaire, we analyzed these data using the statistical software SPSS 16 (Statistical Package for social science).

Procedures

First of all, the permission was granted by the Director of ISSEP Tunis and teachers to realize the current study. Then, the researcher collected the PE-STs, explained the stages of the study and the different questions in the questionnaire for PE-STs, oversaw the privacy and uniqueness of answers. In this study, we presented to the PE-STs the different steps of this research to know the phases of the questionnaire. PE-STs were not informed of the purpose and design of the research. PE-STs are questioned by allowing them the freedom to respond, they can express themselves at their ease. Our data was analyzed using a statistic constant.

Statistical Analysis

Analyses were performed using statistical software SPSS 16 (Statistical Package for social science) program. The following variables were calculated using descriptive statistic: frequencies, percentages, and Cronbach alpha index. Assessment of statistical significance between male and female student teachers was performed using a Chi-square. Correlation between CT behavior on health and attractiveness of PE-ST was applied. A p value less than 0.05 was considered statistically significant.

Result

The CT behavior

Eight items emerged from the data collected and were illustrated in Table 2: Item 1) CT gets angry, Item 2) CT verbally assaults PE-ST, Item 3) CT insults PE-ST for the mistakes, Item 4) CT does not behave the same attitude with PE-ST, Item 5) CT sends a way that demoralize, Item 6) CT does not congratulates PE-ST, Item 7) CT emits PE-ST negative remarks, Item 8) CT undervalue the work of PE-ST.

The dimension under the “behavior” of CT includes eight items: Item 1: “CT gets angry” (S/U = 32.8/ 8.9 %); Item 2: “CT verbally assaults PE-ST” (S/U = 16.6/6 %); Item 3: “CT insults PE-ST for the mistakes” (S/U = 20.2/16.6 %); Item 4: “CT does not behave the same attitude with PE-ST” (S/U = 15.2/10.9 %); Item 5: “CT
No significant gender differences were found for CT gets angry (X² = 0.21 to P = 9.728), CT verbally assaults PE-ST (X² = 0.341, P = 3.346), CT insults PE-ST for the mistakes (X² = 0.627, P = 1.747), CT does not behave the same attitude with PE-ST (X² = 0.766, P = 1.145), CT sends a way that demoralizes CT (X² = 0.991, P = 0.108), CT does not congratulate PE-ST (X² = 0.637, P = 1.700), CT emits PE-ST negative remarks (X² = 0.334, P = 3.403) and CT undervalue the work of PE-ST (X² = 0.097, P = 3.346).

The CT behavior repercussions

- Life repercussions (LR)

Three items emerged from the data collected and were illustrated in Table 3: Item 1) repercussions of the problems on your personal life, Item 2) Anxiety relatives about your problems in training, item 3) At night, your work prevents you from sleeping.

The “PE-ST life repercussions” includes three items: Item 1: “repercussions of the problems on your personal life” (Sometimes/Usually = 25.5/16.2%); Item 2: “Anxiety relatives about your problems in training” (S/U = 30.8/13.9%); Item 3: “At night, your work prevents you from sleeping” (S/U = 34.1/24.2%).

Data supported the positive correlation between all the CT behavior and the PE-ST Health. However, “the consult a doctor” was not significantly associated with CT demoralizes (r=0.093; p=0.053) and consult a psychologist was only not significantly associated with the negative remarks emitted by CT (r=0.44; p=0.221). An unanticipated leave was not significantly related with CT congratulations; negative remarks and the differentiation of behavior from PE-STs (see Table 4 for details).

- The attractiveness of the profession repercussions (AR)

Four items were identified from the data collected and illustrated in Table 7: item 1) Having considered another professional orientation, item 2) Having considered a work stoppage, item 3) The feeling of strong anger, the urge to cry, item 4) Having thought to be in a bad situation.

The “The attractiveness of the profession repercussions” of PE-ST from CT includes five items: Item 1: “Consider another professional orientation” (S/U =13.9/8.6%); Item 2: “Having considered a work stoppage” (S/U = 34.1/24.2%).

Table 2: The different items of the CT behavior

<table>
<thead>
<tr>
<th>Items</th>
<th>Never (%)</th>
<th>Rarely (%)</th>
<th>Sometimes (%)</th>
<th>Usually (%)</th>
<th>X²</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CT gets angry</td>
<td>37.7</td>
<td>20.5</td>
<td>32.8</td>
<td>8.9</td>
<td>0.21</td>
<td>9.728</td>
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<tr>
<td>2. CT verbally assaults PE-ST</td>
<td>63.2</td>
<td>14.2</td>
<td>16.6</td>
<td>6</td>
<td>0.341</td>
<td>3.346</td>
</tr>
<tr>
<td>3. CT insults PE-ST for the mistakes</td>
<td>32.8</td>
<td>30.5</td>
<td>20.2</td>
<td>16.6</td>
<td>0.627</td>
<td>1.747</td>
</tr>
<tr>
<td>4. CT don’t behave the same attitude with PE-ST</td>
<td>49.3</td>
<td>23.8</td>
<td>15.9</td>
<td>10.9</td>
<td>0.766</td>
<td>1.145</td>
</tr>
<tr>
<td>5. CT sends a way that demoralizes PE-ST</td>
<td>33.4</td>
<td>29.1</td>
<td>25.8</td>
<td>11.6</td>
<td>0.991</td>
<td>0.108</td>
</tr>
<tr>
<td>6. CT does not congratulate PE-ST</td>
<td>32.8</td>
<td>24.5</td>
<td>27.2</td>
<td>15.6</td>
<td>0.637</td>
<td>1.700</td>
</tr>
<tr>
<td>7. CT emits negative remarks</td>
<td>14.9</td>
<td>27.5</td>
<td>35.8</td>
<td>21.9</td>
<td>0.334</td>
<td>3.403</td>
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<tr>
<td>8. CT undervalue the work of PE-ST</td>
<td>32.5</td>
<td>21.9</td>
<td>32.8</td>
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<td>0.097</td>
<td>6.331</td>
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Table 3: The different items of life repercussions

<table>
<thead>
<tr>
<th>Items</th>
<th>Never (%)</th>
<th>Rarely (%)</th>
<th>Sometimes (%)</th>
<th>Usually (%)</th>
<th>X²</th>
<th>P</th>
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<tbody>
<tr>
<td>1. Repercussions of the problems on your personal life</td>
<td>33.1</td>
<td>25.2</td>
<td>25.5</td>
<td>16.2</td>
<td>0.438</td>
<td>2.712</td>
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<tr>
<td>2. Anxiety relatives about your problems in training</td>
<td>27.5</td>
<td>27.8</td>
<td>30.8</td>
<td>13.9</td>
<td>0.106</td>
<td>6.108</td>
</tr>
<tr>
<td>3. At night, your work prevents you from sleeping</td>
<td>19.2</td>
<td>22.5</td>
<td>34.1</td>
<td>24.2</td>
<td>0.019</td>
<td>9.926</td>
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Table 4. Correlations between the CT behavior and the life repercussions

<table>
<thead>
<tr>
<th>Items</th>
<th>Correlation</th>
<th>Behvr 1</th>
<th>Behvr 2</th>
<th>Behvr 3</th>
<th>Behvr 4</th>
<th>Behvr 5</th>
<th>Behvr 6</th>
<th>Behvr 7</th>
<th>Behvr 8</th>
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<tbody>
<tr>
<td>LR 1</td>
<td>Pearson Correlation</td>
<td>.311**</td>
<td>.166**</td>
<td>.279**</td>
<td>.228**</td>
<td>.173**</td>
<td>.219**</td>
<td>.134**</td>
<td>.155**</td>
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<tr>
<td>Sig. (1-tailed)</td>
<td>.000</td>
<td>.000</td>
<td>.000</td>
<td>.001</td>
<td>.000</td>
<td>.010</td>
<td>.003</td>
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<td>302</td>
<td>302</td>
<td>302</td>
<td>302</td>
<td>302</td>
<td>302</td>
</tr>
<tr>
<td>LR 2</td>
<td>Pearson Correlation</td>
<td>.170**</td>
<td>.148**</td>
<td>.226**</td>
<td>.267**</td>
<td>.208**</td>
<td>.193**</td>
<td>.151**</td>
<td>.225**</td>
</tr>
<tr>
<td>Sig. (1-tailed)</td>
<td>.001</td>
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<td>.000</td>
<td>.000</td>
<td>.000</td>
<td>.004</td>
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<td>302</td>
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<td>302</td>
</tr>
<tr>
<td>LR 3</td>
<td>Pearson Correlation</td>
<td>.190**</td>
<td>.142**</td>
<td>.301**</td>
<td>.283**</td>
<td>.188**</td>
<td>.251**</td>
<td>.229**</td>
<td>.022</td>
</tr>
<tr>
<td>Sig. (1-tailed)</td>
<td>.000</td>
<td>.007</td>
<td>.000</td>
<td>.000</td>
<td>.001</td>
<td>.000</td>
<td>.353</td>
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<td>302</td>
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</tr>
</tbody>
</table>

** Correlation is significant at the 0.01 level (1-tailed).
* Correlation is significant at the 0.05 level (1-tailed).

Table 5. The different items of health repercussions

<table>
<thead>
<tr>
<th>Items</th>
<th>Never (%)</th>
<th>Rarely (%)</th>
<th>Sometimes (%)</th>
<th>Usually (%)</th>
<th>χ²</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Consult a doctor</td>
<td>74.8</td>
<td>12.3</td>
<td>8.3</td>
<td>4.6</td>
<td>0.658</td>
<td>1.606</td>
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<tr>
<td>2. Consult a psychologist</td>
<td>77.5</td>
<td>9.3</td>
<td>7.6</td>
<td>5.6</td>
<td>0.415</td>
<td>2.854</td>
</tr>
<tr>
<td>3. An unanticipated leave</td>
<td>69.2</td>
<td>18.2</td>
<td>9.9</td>
<td>2.6</td>
<td>0.389</td>
<td>3.016</td>
</tr>
</tbody>
</table>

Table 6. Correlations between the CT behavior and the PE-ST Health repercussions

<table>
<thead>
<tr>
<th>Items</th>
<th>Correlation</th>
<th>Behvr 1</th>
<th>Behvr 2</th>
<th>Behvr 3</th>
<th>Behvr 4</th>
<th>Behvr 5</th>
<th>Behvr 6</th>
<th>Behvr 7</th>
<th>Behvr 8</th>
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</thead>
<tbody>
<tr>
<td>HR 1</td>
<td>Pearson Correlation</td>
<td>.099*</td>
<td>.104*</td>
<td>.150**</td>
<td>.135**</td>
<td>.132*</td>
<td>.166**</td>
<td>.245**</td>
<td>.093</td>
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<td>Sig. (1-tailed)</td>
<td>.042</td>
<td>.036</td>
<td>.005</td>
<td>.009</td>
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<td>.002</td>
<td>.000</td>
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<td>HR 1</td>
<td>Pearson Correlation</td>
<td>.116*</td>
<td>.170**</td>
<td>.044</td>
<td>.197**</td>
<td>.200**</td>
<td>.272**</td>
<td>.398**</td>
<td>.233**</td>
</tr>
<tr>
<td>Sig. (1-tailed)</td>
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<td>.002</td>
<td>.221</td>
<td>.000</td>
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<tr>
<td>HR 1</td>
<td>Pearson Correlation</td>
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<td>.081</td>
<td>.070</td>
<td>.108*</td>
<td>.224**</td>
<td>.187**</td>
<td>.313**</td>
<td>.054</td>
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<td>Sig. (1-tailed)</td>
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<td>.111</td>
<td>.030</td>
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</table>

** Correlation is significant at the 0.01 level (1-tailed).
* Correlation is significant at the 0.05 level (1-tailed).

Table 7. The attractiveness of the profession repercussions

<table>
<thead>
<tr>
<th>Items</th>
<th>Never (%)</th>
<th>Rarely (%)</th>
<th>Sometimes (%)</th>
<th>Usually (%)</th>
<th>χ²</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Consider another professional orientation</td>
<td>54.6</td>
<td>22.8</td>
<td>13.9</td>
<td>6.8</td>
<td>0.866</td>
<td>0.732</td>
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<tr>
<td>2. Consider stopping work in an internship</td>
<td>58.9</td>
<td>20.5</td>
<td>15.9</td>
<td>4.6</td>
<td>0.227</td>
<td>4.339</td>
</tr>
<tr>
<td>3. Have The feeling of strong anger, the urge to cry</td>
<td>31.1</td>
<td>22.2</td>
<td>32.1</td>
<td>14.6</td>
<td>0.000</td>
<td>22.00</td>
</tr>
<tr>
<td>4. Have thought to be in a bad situation at the internship</td>
<td>23.2</td>
<td>30.5</td>
<td>32.5</td>
<td>13.9</td>
<td>0.909</td>
<td>0.544</td>
</tr>
</tbody>
</table>

Correlations supported the positive, significant relationship between all the CT behavior and the health repercussions.
attractiveness of the profession. However, having
Considered another professional orientation was only
significantly associated with CT demoralizes \((r=0.117; p=0.021)\), congratulations \((r=0.148; p=0.005)\) and the
differentiation between the CT’s and the PE-STs behavior
\((r=0.099; p=0.043)\) (see Table 8 for details).

## Discussion

The role of CT is to provide a training quality in
terms of accompaniment for students trainees that meets
the challenges and requirements of work environment
as a whole, which have not been recognized. Thus, the
purpose of this research was to identify and analyze the
repercussions of CT behavior on health and attractiveness
of student teachers (PE-STs) (assiduity, attitude and
valorization) which are believed to be important for a
successful Tutoring and training device in the workplace.

According to our results, Paquay [23] suggests a
personal and relational development between CT and
PE-STs. He proposed to do courses or workshops and
developing skills to express themselves, communicate,
analyze relationships, develop listening, to lead a group
and improve self-confidence. Buyse et al. [24] emphasize
the importance of establishing a positive relationship
between teacher and students in the classroom. According
to Hamre and Pianta [25], PE-ST must make efforts to
stabilize the classroom climate. They add that the teacher
must establish a relationship of trust with students by
using effective classroom management practices. At the
welcome of the PE-STs, Zayed and al. [26] opined that
the major concern of CTs is the PE-ST behavior. Monfette
and Grenier [27] suggest that we let PE-ST take charge of
groups, some CT offered self-development opportunities
to PE-STs by helping them to develop their independence
and their ability to adapt.

Our results showed a discomfort, stress, distress,
exhaustion in the workplace. In a period of professional
integration, Ndoreraho and Martineau [28] report that
stress in work environment affects the interest of PE-
ST in the teaching profession. Gaudreau et al. [29]
adds that inappropriate behavior in the work context has
an effect on the teacher’s effectiveness and makes him
vulnerable to stress and burnout. In this sense, Gilbert
and al. [30] suggests understanding the various origins
of this situation. Suffering indices are many; they are
the cause of the abandonment of the profession. Distress
and exhaustion are indicators of the pain experienced by
teachers. Houlfort & Sauvé [31] found that depression and
burnout are perceived as a problem of the organizational
environment. This is shown by Doudin [32] who proved
the presence of the problem of stress and exhaustion. He
confirms the presence of distress among teachers in Europe.
Doudin [32] adds that the European teachers are most
affected by stress at work. He concludes that depression
is a deterioration of the well-being of the individual.
However, Gilbert [30] cleaned that violence is the cause
of the suffering of teachers in the workplace. She can take
a physical, verbal form of the order of intimidation. She
confirms that teachers in Quebec (17.1%) are the second
most professions affected by violence in the workplace.

Our results, Also, showed health problems among
teachers. Bauer and al. [33] noted that in Germany there are
healths problems among teachers and that psychological
disorders are the major cause of abandonment. They
confirm that teachers play an important role in the training
of students. They think that the profession is far from
being recognized by society. In this sense, Mukamurera
[34] adds that the teaching profession suffers from a lack
of political and social awareness.

The attractiveness of the profession can be provided by

### Table 8. Correlations between the CT behavior and the PE-ST attractiveness of the profession repercussions

<table>
<thead>
<tr>
<th>Items</th>
<th>Correlation</th>
<th>Behvr 1</th>
<th>Behvr 2</th>
<th>Behvr 3</th>
<th>Behvr 4</th>
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**. Correlation is significant at the 0.01 level (1-tailed).
*. Correlation is significant at the 0.05 level (1-tailed).
CT behavior. Our results demonstrate that the repercussion of CT behavior and attractiveness was significant. Early in his career, Mukamurera [34] mentioned that the percentage of dropout professional teachers is worrying. He says that, in the first five years, one in five teachers give up practice and about 43% consider the option to leave teaching. According to Ingersoll and Smith [35], in the United States, the percentage of dropout is 40 to 50% among new teachers. Half of the teachers leave the teaching profession in the first years of teaching. Parmentier [36] suggests valuing PE-ST in their interventions. They must express themselves by attaching the content of the training to their lived experiences or their knowledge. They will either retain it or integrate it. Otherwise, they will just pile up knowledge they will quickly forget. If we want, the PE-ST to express themselves, these interventions must be lived not as a constraint or a judgment but as a valorization of their experience. This valorization intervenes from the beginning of the internship by the interest that CT carries with the PE-ST, and lasts throughout the internship, by the attentive reaction of their interventions. Monfette & Grenier [27] suggest letting their trainees take charge of the groups, they confirm that some CTs have offered self-development opportunities to their trainees by helping them to develop their autonomy and their ability to adapt.

In training, the PE-ST is motivated if he becomes a real actor by feeling valued and secure. The CT must secure and support the PE-ST, both materially and psychologically. Rajuana et al. [37] opined to introduce trainees to students and to give them as much information as possible about the program and materials. In this sense, Gold [38] offered two categories of support: support for teaching (pedagogical support) and psychological support. Teaching support consist of assisting with the acquisition of knowledge, skills and strategies for success in the school. This support can consist of information support (advice, information) and evaluative feedback (feedback). Psychological support comes from a humanistic perspective. It includes both emotional support (listening, encouragement and trust), evaluative support (need to be reassured and confirmed) and support for identity development (self-confidence, sense of effectiveness, positive self-esteem and stress management). Psychological support can help ES to develop resilience to difficult career conditions (insecurity, heavy work, difficult group-classes), to develop a positive self-image and to maintain a positive relationship with the profession.

Conclusion
The questions addressed in this study will encourage CT to reflect on their own behaviors, support practices and to include them in the process of accompaniment of PE-STs. Our results reflect the views of all the population of PE-ST exercising their traineeship in schools of Tunis. In light of our results, it is possible to make a statement concerning CT accompaniment practices and preoccupations of PE-ST. We are far from an ideal accompaniment situation and PE-ST problems that life must draw the attention of the priority of the internship responsible. Furthermore, the hypothesis is verified: CT accompaniment practices can be characterized by a high variability, namely behavior on a scale Frequency converter.

In Tunisia, we saw that accompaniment practices offer relatively favorable climate training. This statement should hold the attention of CT, supervisors, university teachers and people in charge of training, and get them to think a light of PE-STs preoccupation. So accompaniment practices are called for new developments in the near future. Data from PE-STs provide lighting and additional lines of investigation to improve accompaniment practices.

Conflict of interests
The authors declare that there is no conflict of interests.

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