ERRATUM

In the article 'On the structure of rationalizability on arbitrary spaces of uncertainty' (by A. Penta, *Thereotical Economics*, 8 (2013), pp.405-430) the following changes should be made:

1. p. 411: The definition of $ICR^{\mathcal{A}}$ in eq.(2) in the paper should be replaced by the following:[1] $ICR_i(t_i;\mathcal{A}^{\infty})$ is the largest subset of $ICR_i(t_i)$ that satisfies the following fixed-point property:

$$ICR_i(t_i;\mathcal{A}^{\infty}) = \{a_i \in ICR_i(t_i) \cap \mathcal{A}_i^{\infty} : \exists \psi^{a_i} \in \Delta\left(\Theta \times ICR_{-i}^{\mathcal{A}}\right) \cap \Psi_i(t_i) \text{ s.t. } a_i \in BR_i(\psi^{a_i})\}$$

   (where $ICR_{-i}^{\mathcal{A}^{\infty}} \subseteq T_{-i} \times \mathcal{A}_{-i}^{\infty}$ is the graph of the correspondence $\left(ICR_j(t_j;\mathcal{A}^{\infty})\right)_{j\neq i}$ (cf. proof of Lemma 3, p. 414)).[2] For this reason, the definition of ICR^* (p.425) should be modified accordingly, with condition '$\exists\psi^{a_i} \in \Psi_i(t_i)$' replaced with '$\exists\psi^{a_i} \in \Delta\left(\Theta \times ICR_{-i}^{*}\right) \cap \Psi_i(t_i)$.'

2. p.414, conjectures ψ^i in the second and third line of the proof of Lemma 3 should be ψ^{a_i} instead.

All the arguments in the paper are correct as written, once the changes above are made.

[1] I am grateful to Yi-Chun Chen, Satoru Takahashi and Siyang Xiong for drawing my attention to this oversight. As pointed out in "The Weinstein-Yildiz Selection and Robust Predictions with Arbitrary Payoff Uncertainty" (Chen et al., 2014), the result stated with $ICR^{\mathcal{A}}$ defined as in eq.(2) of the TE paper does not hold.

[2] The difference is that eq. (2) in the published paper requires '$\exists\psi^{a_i} \in \Psi_i(t_i)$', whereas the correct condition also requires that '$\psi^{a_i} \in \Delta\left(\Theta \times ICR_{-i}^{\mathcal{A}}\right)$'. This property is used in the proof of Lemma 3 to conclude that ψ^{a_i} is a 'rationalizable conjecture' for t_i (p.414, second line of the proof of Lemma 3) and to ensure that the set of types $(T_i^{\iota})_{i\in I}$ constructed therein is a belief-closed subset of the universal type space.